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METEOROLOGICAL BRANCH - DEPARTMENT OF TRANSPORT - CANADA

ARCTIC SUMMARY

JANUARY TO JUNE 1963

CANADA

METEOROLOGICAL BRANCH – DEPARTMENT OF TRANSPORT

ARCTIC SUMMARY

A SEMI-ANNUAL SUMMARY OF METEOROLOGICAL DATA FROM THE JOINT ARCTIC AND OTHER WEATHER STATIONS ON THE ARCTIC ISLANDS

JANUARY TO JUNE 1963

TORONTO, ONTARIO

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STATION LOCATIONS

The locations of the stations and brief descriptions of the terrain in their immediate vicinity are given below. More detailed information for the Joint Arctic Weather Stations may be found in the Climatological Summaries for each station for the years prior to 1954. Each summary contains a contour map of the terrain in the vicinity of the station and a site plot locating the buildings and instruments.

Alert: 82° 30' N 62° 20' W - The Alert Weather Station, at the northeast corner of rugged Ellesmere Island, was established as a joint project of the Canadian and United States Meteorological Services in April, 1950. Located on an uneven plateau which rises abruptly along the west side of Dumbell Bay, and its southward extension Parr Inlet, Alert is about three miles from the waters of the Arctic Ocean. Parr Inlet terminates slightly more than a mile south of the station where the valley turns westward towards the Dumbell Lakes. The terrain rises in the southwest quadrant to a chain of rounded hills twelve to sixteen hundred feet high, about five miles from the station, and to numerous twenty-five hundred foot hills ten to fifteen miles away. The ice-capped peaks of the United States Range, less than forty miles from Alert, form the western skyline.

Clyde: 70° 27' N 68° 33' W - The Weather Station at Clyde operated briefly during the years 1933 to 1935. It was reactivated in 1942, and records have been continuous since then. Located on the east coast of mountainous Baffin Island, the station is on a small bay which extends about five miles northward from Clyde Inlet. Clyde Inlet is one of the longer fiords which cuts right through the mountains. The observing site is on a gently sloping east shore, with the bay two miles wide to the west. Hills reach four hundred feet just east of the station. The surrounding terrain is rugged with steep hills two to three thousand feet in elevation within ten miles of the station. Peaks touch five thousand feet about thirty miles to the west.

Eureka: 80° 00' N 85° 56' W - The first of the Joint Arctic Weather Stations was established at Eureka, on the west coast of Ellesmere Island, in April, 1947. Eureka lies close to the centre of the land mass of Ellesmere and Axel Heiberg Islands, two large mountainous islands separated by the long and winding Eureka Sound. The station is situated on the north shore of Slidre Fiord, three miles from its mouth. This fiord, much smaller than Greely Fiord, which parallels it to the north, strikes off eastward at right angles to Eureka Sound. Bold headlands protect the entrance, and low rolling hills under eight hundred feet in height surround the seventeen mile long fiord. Hills reach two to three thousand feet about six miles from the station in the northwest, northeast and southwest quadrants. Five to six thousand foot mountains ring the station at a distance of forty miles.

Isachsen: 78° 47' N 103° 32' W - Isachsen was established on Ellef Ringnes Island in April, 1948, as a Joint Arctic Weather Station. It is located on Deer Bay, a broad bay which cuts thirty miles inland from the west coast of the island. The station proper is situated on the northwest side of a minor indentation at the east end of Deer Bay. A rocky ridge rises to six hundred feet about a mile south of the station, where a long narrow finger of land juts into the bay. Inland the hills rise to heights of eight hundred feet three to five miles to the north and northwest of the station, and five hundred feet three miles to the northeast.

Mould Bay: 76° 14' N 119° 20' W - The Joint Arctic Weather Station at Mould Bay was established in April, 1948. It is located about halfway up the east shore of Mould Bay, a deep indentation on the southeast coast of Prince Patrick Island. The bay, which extends northward about twenty-five miles from Crozier Channel, averages three to five miles across. The site lies on a silt and gravel ridge with a river delta to the south and low hills rising to three hundred feet a mile to the northwest and to five hundred feet three miles to the east. The terrain on the whole island is low and rolling, and less than one thousand feet in elevation.

73700—1½

Resolute: 74° 43' N 94° 59' W - Resolute, the main station of the Joint Arctic Group, was established at the south end of Cornwallis Island in September, 1947. The Weather Station was originally located on a raised beach bench about five hundred yeards from the shoreline of Resolute Bay. On October 12th, 1953, it was moved about two miles inland to the Royal Canadian Air Force area at the landing strip. The present site, about two hundred feet above sea level, is in a rather flat valley which falls off towards Resolute Bay. Hills, oriented northwest to southeast, rise to heights of five to eight hundred feet above sea level less than one mile to the northeast of the station. A hill on Cape Martyr, two miles to the southwest, reaches six hundred feet. The terrain rises to one thousand feet about thirty miles northeast of Resolute near the centre of rolling, somewhat dome-shaped Cornwallis Island.

Sachs Harbour: 71° 57' N 124° 44' W - The Sachs Harbour Weather Station was established in October, 1955, at the southwest corner of Banks Island. Situated on an east-west ridge two hundred and seventy feet above sea level, the station is about one mile from the shore of Sachs Harbour. The bench-like terrain falls off rather abruptly towards the shore. The country north of the station is quite typical of the gently rolling prairie lowlands of the west half of Banks Island. A prominent plateau about sixty miles to the southeast rises to a height of more than two thousand feet. Another plateau which rises sharply from the island's northeast coast becomes broken up inland into an area of flat-topped hills.

SURFACE DATA

INSTRUMENTATION AND PROCEDURES

Wind Equipment - To measure surface wind for synoptic observations each station is equipped with a standard M.S.C. type 45 anemometer consisting of an anemograph and flashing light wind indicator. Standard M.S.C. U-2A anemometers with dial indicators are also installed at some stations. The heights of the exposure of the anemometers are listed in the following table:

Height (Feet) of Anemometer Exposure

Station	M.S.C. Type 45	U-2A
Alert	30	40
Clyde	23	
Eureka	25	40
Isachsen	45	45
Mould Bay	40	40
Resolute	50	30
Sachs Harbour	40	

Temperature - All stations are supplied with M.S.C. ordinary mercury-filled dry and wet bulb and maximum thermometers and M.S.C. alcohol-filled minimum thermometers. Certain stations are supplied with a thermometer filled with an alloy of mercury and thallium which has a freezing point at -78°F. All thermometers have been calibrated in the instrument laboratories of the Meteorological Service of Canada and appropriate correction cards issued. The observers are instructed to take all mercury-filled thermometers indoors when the temperature falls to -35°F. During extremely cold spells psychrometric data are not available, the current air temperature is read from the alcohol column in the minimum thermometer and the maximum temperature is estimated from the eight readings of the dry bulb at synoptic hours. All thermometers are housed in a Stevenson Screen - a double louvred box, painted white, with the base 3½ feet above ground. Ventilation of the wet and dry bulb thermometers is accomplished by a motor-driven psychrometer mounted on the roof. Air is drawn from the interior of the screen over the wet and dry bulbs placed in a duct close to the intake at a speed of 20 feet per second and ejected from the middle of the top of the screen.

Pressure - All stations are equipped with Kew-Patterson barometers. Correction cards supplied with each barometer incorporate corrections for the tempera-

ture of the instrument, its index error, any difference between the height of the barometer and the established elevation and the variation of gravity with latitude. When these corrections are applied the resultant station pressure is the pressure at the established elevation, which is usually the elevation of the barometer when first installed.

Station	Barometer Number	Elevation (Feet) Act.	Est.
Alert	C-454	219	205
Clyde	C-281	26	MSL
Eureka	85/43	8	MSL
Isachsen	C-205	97	83
Mould Bay	C-345	65	50
Resolute	C-398	209	209
Sachs Harbour	C-279	277	277

To provide a continuous record of pressure variations each station is equipped with a barograph. The barograph charts are time-checked and used solely for determining the pressure tendency characteristic.

Cloud Height - Each station is equipped with ceiling balloons for measuring the height of clouds during daylight hours and a ceiling projector and alidade for use during hours of darkness.

Precipitation - All stations are equipped with a standard M.S.C. type raingauge.

The depth of the freshly fallen snow and the snow cover were measured with a ruler by taking a series of measurements in a representative area and reporting the average. The water equivalent of the freshly fallen snow was estimated by assuming the water equivalent of 10 inches of snow to be 1 inch of water. At Resolute, Mould Bay and Isachsen the M.S.C. Nipher Shielded Snow Gauge is the official instrument for the measurement of water equivalent of snowfall.

Time of Surface Observation - The times listed are those at which the barometer is used.

Observational Procedures - These are described in the appropriate edition of the Manual of Standard Procedures and Practices for Weather Observing (Manobs).

Checking and Listing Data - Data from the records of the surface observations were transferred to punched cards in the Climatology Division. The observational data were then checked by machine methods for inconsistencies and omissions and when these were found a corrected value was determined. The checked card decks were then used in listing the data for publication.

Solar Radiation - Radiation measurements are made at Resolute. The data from the Eppley 180° pyrheliometer are published in the Monthly Radiation Summary of the Meteorological Branch.

Sunshine - Sunshine data compiled from the readings of Campbell-Stokes sunshine recorders at Resolute and Sachs Harbour are published in the Monthly Record.

Ozone - Ozone measurements are made at Resolute. Data from these observations are available at Meteorological Branch Headquarters.

UNITS AND SYMBOLS

In the listing of surface data the units for each element have been included in the column headings with the exception of the following definitions:

A day with fog is defined as a day when fog has occurred with a visibility less than 5/8ths of a mile, regardless of whether precipitation or other obstructions to vision were occurring at the same time.

A day with blowing snow is defined as a day when there was an occurrence of blowing snow with the visibility restricted to 6 miles or less.

The symbols used for present weather in the listing of synoptic observations have the following meaning:

R	Rain	S	Snow
RW	Rain Shower	SW	Snow Showers
L	Drizzle	SP	Snow Pellets
ZR	Freezing Rain	SG	Snow Grains
ZL	Freezing Drizzle	IC	Ice Prisms
E	Ice Pellets	A	Hail
EW	Ice Pellet Showers	T	Thunderstorm

The symbol alone means the precipitation is of moderate intensity (except for IC and T). The intensity of the precipitation may be further indicated by putting a plus (+) sign after the symbol for heavy, or a minus (-) sign for light.

Obstructions to vision are listed when the visibility is 6 miles or less unless precipitation of sufficient intensity is the sole cause of the reduced visibility. The symbols used are:

F	Fog	K	Smoke
IF	Ice Fog	BD	Blowing Dust
D	Dust	BN	Blowing Sand
H	Haze	BS	Blowing Snow

UPPER AIR DATA

The upper air data included in this publication are the daily values and monthly means of checked data obtained from the rawinsonde ascents at Canadian locations in the far north. In the format and content, in the selection of the standard pressure levels for publication, and in the criteria for the selection of tropopause levels, the aim has been to conform as far as possible with the resolutions and recommendations passed by the Executive Committee of the World Meteorological Organization. Corresponding upper air data from all other Canadian operated radiosonde stations will be found in the "Monthly Bulletin Canadian Radiosonde Data" which is published monthly beginning with the January 1959 data.

The procedures followed by the radiosonde technicians in taking the original radiosonde observations and computing the data from these ascents are based on instructions in the Manual of Upper Air Observations - MANUPP - issued by the Meteorological Branch, Department of Transport, Canada.

The upper air data in the "Arctic Summary" are machine listings prepared by the Climatology Division at Meteorological Branch Headquarters in Toronto. Data from the records of the upper air observing stations are edited and then transferred to punched cards. The observational data are then checked by machine methods for errors and omissions, and any necessary corrections made. The checked card decks are then used in preparing the machine listings for publication. The calculation of monthly means is also performed by machine methods. Despite the checking procedures in use, data as published may contain small instrumental errors for which corrections are unknown or not available at the time of publication.

EXPLANATORY NOTES

Because some of the headings used and data listed in this publication are not entirely self-explanatory, the following special notes, together with an explanation of the symbols, units, and code figures used, are required for a better understanding of the data.

The times 00 GMT and 12 GMT to which the data refer are the standard hours of upper air observations. Since August 1, 1961, the scheduled time of release at all Canadian radiosonde stations is forty-five minutes prior to the standard times of observation, and most releases are effected at those times. Data from radiosonde ascents where the release has been delayed more than three hours from the scheduled time of release are not included.

Monthly mean values, with the exception of the vector mean wind, have been included with no regard to the percentage number of observations available. The number of observations appearing in the daily listing will indicate to the user whether the monthly mean data are representative for the particular purpose desired.

In the Constant Pressure Data, "Pres. on Sfc." refers to the barometric pressure at station elevation at the time of release of the radiosonde.

In the Special Aerological Data, "Surface Synoptic

Data" is in accord with the International Synoptic Code and refers to the surface weather observed at the time of release of the radiosonde. For details regarding instructions pertaining to this code, the reader is referred to the latest edition of the Manual of Standard Procedures and Practices for Weather Observing and Reporting - "Manobs" - issued by the Meteorological Branch, Department of Transport, Canada. A slight departure from the common form of the code is the use of three columns ppp for recording the amount of the three hourly rise or fall in pressure which permits the listing of tendency amounts of 10.0 mb. or more. The first and second tropopauses are selected according to criteria contained in Resolution 21 of the ninth session of the Executive Committee of the World Meteorological Organization. Occasionally the altitude of the level of maximum wind is not entered because a faulty temperature element in the radiosonde instrument did not permit the computation of altitude data.

SYMBOLS USED

"A" prefixed to relative humidity denotes that the humidity is below the recording range of the United States Weather Bureau Electronic type radiosonde instrument. The value entered is a statistical value for relative humidity based on studies made by the United States Weather Bureau of actual humidity values in such circumstances. To avoid upward biasing of mean monthly relative humidity values through the omission of cases in which the humidity is below the recording range of the instrument, these "statistical" values are considered as actual values in computing the monthly mean relative humidity.

- entered under wind direction indicates that the wind direction and speed are not available at that level because of a stratum of missing wind data.

* indicates a vector mean of the wind data for the month at that level. Such data are calculated only when there are twenty or more wind observations available at that level with no gap of more than five consecutive days, and only for the levels frequently used in the preparation of upper air charts. For 1963 data, the levels included are 850, 700, 500, 400, 300, 200, 150, 100, 50 and 30 mb.

UNITS USED

Altitude is entered in geopotential meters or geopotential kilometers above m.s.l. An altitude entry for which there is no corresponding temperature entry for that level or any higher level indicates that the altitude for that standard pressure level has been extrapolated.

Temperature is entered in degrees and tenths Celsius.

Potential Temperature (θ) is entered in whole degrees Kelvin.

Pressure is entered to the nearest whole millibar. When the pressure at the freezing level or the maximum wind level exceeds 999 mb., the thousand's digit is omitted.

Wind Direction is entered as the number of degrees from true north. 000 for wind direction represents calm conditions. Wind Speed is entered to the nearest whole meter per second. 00 for vector mean wind speed indicates a speed of less than 0.5 meters per second.

CODES USED IN SPECIAL AEROLOGICAL DATA

Freezing Level Code

0 - Temperature below 0°C throughout sounding.
1 - Temperature above or at 0°C at surface, with the temperature profile passing through or coinciding with the 0°C isotherm at a single level.
2 - Temperature above or at 0°C at surface, with the temperature profile passing through or coinciding with the 0°C isotherm at more than one level.
3 - Temperature below 0°C at surface, with the temperature profile passing through or coinciding with the 0°C isotherm at one or more levels.
4 - Temperature above 0°C throughout the sounding.

Tropopause Code

0 - Tropopause not reached.

1 - Change at the tropopause from a lapse rate exceeding 2°C per km., to an inversion.
2 - Change at the tropopause from a lapse rate exceeding 2°C per km., to an isothermal condition or to a lapse rate not exceeding 2°C per km.
4 - No identifiable tropopause (lapse rate 2°C per km. or less from below the 500 mb. level, but the ascent does not reach the 200 mb. level).
6 - As for code 1) Sounding does not extend 2 km.
7 - As for code 2) above the point selected as the tropopause, but it appears probable that all criteria for selection of the tropopause would have been met if the sounding had reached the required height.
9 - Tropopause cannot be identified due to a missing data stratum.

Maximum Wind Level Code

0 - No rawin data.
1 - Maximum wind occurred at the top of the wind sounding.
2 - Surface - 501 mb.) Maximum wind occurred at a
3 - 500 - 401 mb.) level below the top of the
4 - 400 - 301 mb.) wind sounding, with a definite
5 - 300 - 201 mb.) decrease in the wind speed
6 - 200 - 151 mb.) above it. The pressure at the
7 - 150 - 101 mb.) termination of the wind sound-
8 - 100 - 51 mb.) ing was in the range indicated
9 - 50 mb. or less.) by the code figure opposite.
X - Pressure at the termination of the wind sounding not measured.

STATION INSTRUMENTATION

All radiosonde stations for which data are included in this publication used the United States Weather Bureau type audio modulated electronic radiosonde. Radiosondes of this type transmit a signal modulated at an audio frequency which is controlled by the resistance between two points in the oscillator circuit. As the pressure decreases during the ascent, different resistance elements are successively switched into the oscillator circuit by a contact arm which is actuated by an aneroid capsule and moves over a commutator composed of conducting and insulating strips. When the contact arm is on an insulating strip, the resistance in the oscillator circuit is a thermometric element; when it is on a conducting strip, a relay cuts out the thermometric element and switches in a resistor in the form of a hygroscopic film, whose resistance changes with the humidity. Certain of the conducting strips, at definite intervals, are connected so as to switch in fixed resistances which cause the transmission of reference frequencies. The receiver at the ground station contains a frequency meter which automatically records the audio frequency at which the incoming signal is modulated. The pressures at which the aneroid-commutator unit switches in the temperature, humidity and reference elements are obtained from a calibration chart.

Throughout the period covered by this issue, all stations used radiosondes equipped with an unshielded thermistor for which no radiation corrections are necessary. The AN-AMT 4 "unshielded" type radiosonde used at some stations for short periods is similar to the USWB type instrument but is slightly different in design.

RDF tracking equipment is used at all the stations to determine the winds aloft. The 403 mc. SCR 658 and the Metox are essentially the same, and suffer the same limitations. Both instruments measure the elevation and azimuth angles from the ground receiving station to the radiosonde transmitter, but readings must be discontinued when the elevation angle decreases to a certain value determined by the surrounding terrain, minimum being fifteen degrees over a relatively flat surface. The 1680 mc GMD RDF tracking equipment also measures the elevation and azimuth angles from the ground receiving station to the radiosonde transmitter. This equipment is capable of automatically tracking the radiosonde transmitter and recording the readings, and can measure elevation angles as low as six degrees over flat terrain.

QUEEN
ELIZABETH
ISLANDS
DISTRICT
OF
FRANKLIN
135°
130°
125°
120°
115°
110°
105°
100°
95°
90°
85°
80°
75°
70°
65°
60°
80°
75°
Alert
Hazen Lake
Greely Fiord
Nansen Sound
AXEL
HEIBERG
ISLAND
Eureka
Sverdrup Chan.
Meighen I.
Peary Chan.
SVERDRUP ISLANDS
ELLESMERE ISLAND
Kane Basin
Inuarfigssuak
Smith Sound
Pim I.
Inglefield Bay
Thule
Melville Bay
Prince Gustaf Adolf Sea
Isachsen
ELLEF RINGNES I.
Hassel Sound
Amund Ringnes I.
Borden I.
Brock I.
Wilkins Str.
Mackenzie King I.
Ballantyne Strait
PRINCE PATRICK I.
Mould Bay
Emerald I.
Hazen Strait
Lougheed I.
Maclean Str.
King Christian I.
Norwegian Bay
Cornwall I.
Graham I.
Belcher Channel
North Kent I.
Grinnell Pen.
Helena
Crozier Chan.
Fitzwilliam Str.
Hecla and Griper Bay
Eglinton I.
Kellett Str.
PARRY ISLANDS
Byam Martin Chan.
MELVILLE ISLAND
BATHURST ISLAND
Byam Martin I.
Baillie Hamilton I.
Jones Sound
Craig Harbour
Coburg
DEVON ISLAND
Wellington Chan.
Dundas Harbour
BAFFIN BAY
Cornwallis I.
Resolute
Lowther I.
Griffith I.
Barrow Strait
Prince Leopold I.
LANCASTER SOUND
M'Clure Strait
Robilliard I.
Norway I.
VISCOUNT MELVILLE SOUND
Russell I.
BANKS ISLAND
Storkerson B.
Sachs Harbour
Thesiger Bay
C. Lambton
Prince of Wales Strait
Prince Albert Peninsula
Wynniatt B.
Stefansson I.
NORTH MAGNETIC POLE
PRINCE OF WALES ISLAND
Peel Sound
Prescott I.
SOMERSET ISLAND
Prince Regent Inlet
BRODEUR PENINSULA
Admiralty Inlet
Arctic Bay
BORDEN PENINSULA
BYLOT ISLAND
Pond Inlet
Scott I.
Clyde
BAFFIN
AMUNDSEN GULF
Holman Island
Prince Albert Sound
VICTORIA
M'CLINTOCK CHANN
Franklin Strait
C. Lyon

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DAILY CLIMATOLOGICAL DATA

ALERT

ALERT NWT JANUARY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-15	-24	-20	T	T	17				
02	-21	-32	-27	T	T	17				
03	-10	-34	-22			17				
04	-15	-25	-20	.02	.2	17				
05	-17	-31	-24	.01	.1	17				
06	-27	-36	-32			17				
07	-31	-37	-34			17				
08	-29	-38	-34			17				
09	-27	-36	-32	.01	.1	17				
10	-27	-39	-33	.01	.1	17				
11	-32	-41	-37	T	T	17				
12	-29	-42	-36	.01	.1	17				
13	-25	-32	-29	.01	.1	17				
14	04	-27	-12	T	T	17	1	1	1	
15	-18	-31	-25	T	T	17	1	1		
16	-24	-34	-29	T	T	17				
17	-27	-37	-32	T	T	17				
18	-28	-36	-32	T	T	17				
19	-32	-39	-36	T	T	17				
20	-37	-44	-41	T	T	17				
21	-31	-45	-38	T	T	17				
22	-20	-43	-32	T	T	17				
23	-18	-26	-22	.02	.2	17				
24	-21	-31	-26	T	T	17				
25	-30	-33	-32	T	T	17				
26	-24	-32	-28	.02	.2	17				
27	-30	-44	-37	T	T	17				
28	-03	-37	-20	T	T	17	1	1	1	
29	-03	-14	-09			17	1	1	1	
30	10	-29	-10	T	T	17	1	1	1	
31	10	-20	-05	T	T	17	1	1	1	
SUM				.11	1.1		1	6	5	5
AVG	-20	-34	-27							
EXT	10	-45		.02	0.2					

ALERT NWT MARCH 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-24	-37	-31	T	T	17				
02	-22	-37	-30	T	T	17				
03	-30	-39	-35			17				
04	-31	-39	-35			17				
05	-27	-37	-32			17				
06	-25	-34	-30			17				
07	-19	-30	-25	T	T	17				
08	-21	-32	-27			17				
09	-22	-33	-28			17				
10	02	-34	-16			17				
11	-12	-40	-26			17				
12	-27	-42	-35			17				
13	-29	-36	-33			17				
14	-29	-36	-30	.02	.2	17				
15	-09	-29	-19	T	T	17				
16	-12	-31	-22			17	1	1	1	
17	-12	-30	-21			17				
18	-20	-32	-26	.01	.1	17				
19	-23	-30	-27	T	T	17				
20	-26	-35	-31			17				
21	-27	-36	-32			17				
22	-27	-39	-33			17				
23	-27	-33	-30			17	1			
24	-20	-30	-25	T	T	17				
25	-20	-30	-25			17				
26	-21	-29	-25			17				
27	-24	-31	-28			17				
28	-21	-33	-27			17				
29	-27	-35	-31			17				
30	-22	-31	-27			17				
31	-23	-35	-29			17				
SUM				.03	0.3		2	1	1	
AVG	-22	-34	-28							
EXT	02	-42		.02	0.2					

ALERT NWT MAY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	05	-06	-01	.04	.4	14				
02	12	00	06	.07	.7	14	1			
03	11	-05	03	.06	.6	15	1			
04	08	-06	01	T	T	15				
05	06	-08	-01			15				
06	10	-06	02			15				
07	09	-06	02			15				
08	12	-04	04	T	T	15				
09	14	-03	06			15				
10	12	-01	06			15				
11	05	-03	01			15				
12	04	-03	01	T	T	15				
13	06	00	03	.01	.1	15				
14	08	02	05	.01	.1	15				
15	09	03	06	T	T	15				
16	10	06	08	.01	.1	15				
17	09	-02	04	.01	.1	15				
18	08	00	04	T	T	15				
19	11	06	09	T	T	15				
20	16	05	11	.01	.1	15				
21	24	03	14			15	1			
22	16	03	10	.24	2.4	15	1			
23	11	03	07	.02	.2	17		1		
24	10	03	07	T	T	17				
25	11	07	09	.09	.9	17				
26	12	08	10	T	T	17				
27	16	11	14	.02	.2	17				
28	25	16	21	.09	.9	17				
29	28	16	20	T	T	17				
30	24	13	19			17				
31	24	15	20			16				
SUM				.62	6.2		4	1		
AVG	12	02	07							
EXT	25	-08		.24	2.4					

CLYDE

CLYDE NWT JANUARY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-01	-27	-14			36				
02	-05	-29	-17			36				
03	20	-08	06			36				
04	20	-15	03			36				
05	01	-22	-11			36			1	
06	04	-08	-02	.04	.4	36				
07	04	-10	-03			36				
08	24	01	13	.91	9.1	36			1	
09	11	-08	02			45			1	
10	06	-09	-02	T	T	45				
11	07	-02	03	.04	.4	45			1	
12	12	-03	05	.06	.6	45	1			
13	28	-04	12	.01	.1	46			1	
14	16	-06	05	.20	2.0	46			1	
15	11	-12	-01	.01	.1	48			1	
16	-10	-33	-22			48				
17	-17	-39	-28			48				
18	-38	-50	-44			48				
19	-17	-50	-34			48			1	
20	-10	-17	-14	.02	.2	48			1	
21	-06	-33	-20	.01	.1	48			1	
22	-01	-08	-05			48			1	
23	06	-08	-01			48			1	
24	-02	-32	-17	.01	.1	48				
25	-06	-34	-20			48			1	
26	-06	-13	-10			48				
27	-04	-32	-18			48				
28	-25	-37	-31			48				
29	-09	-40	-25	.02	.2	48			1	
30	-08	-21	-15			48			1	
31	-08	-25	-17			48				
SUM				1.39	13.9				115	
AVG	-00	-21	-10							
EXT	28	-50		.91	9.1					

CLYDE NWT MARCH 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-22	-39	-31			48				
02	-08	-38	-23			48				
03	-13	-22	-18			48			1	
04	-11	-20	-16			48				
05	-03	-15	-09			48			1	
06	-05	-19	-12			48				
07	-08	-29	-19			48				
08	-09	-29	-19			48				
09	-09	-22	-16			48				
10	-10	-20	-15			48				
11	-03	-23	-13			48				
12	-05	-25	-15	T	T	48				
13	-09	-26	-18	T	T	48			1	
14	-07	-26	-17			48			1	
15	-15	-32	-24			48				
16	-16	-36	-26			48				
17	-18	-40	-29			48				
18	-27	-40	-34			48				
19	-23	-42	-33			48				
20	-18	-32	-25			48				
21	-10	-32	-21			48				
22	-07	-35	-21			48				
23	-19	-40	-30			48				
24	-19	-37	-28	T	T	48				
25	-17	-37	-27			48				
26	-21	-44	-33			48				
27	-12	-27	-20	T	T	48				
28	-09	-33	-21	T	T	48				
29	-05	-31	-18			48				
30	-14	-27	-21			48			1	
31	-14	-33	-24			48			1	
SUM									6	
AVG	-13	-31	-22							
EXT	-03	-44		T	T					

CLYDE NWT MAY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	20	06	13	T	T	50				
02	15	08	10			49				
03	23	-04	10			49				
04	22	-08	07	.10	1.0	49				
05	16	08	12	.12	1.2	50				
06	15	08	12			50				
07	24	07	16			50				
08	23	11	17			50				
09	25	10	18			49				
10	29	01	15			48				
11	25	-03	11			47				
12	19	03	11			46	1			
13	29	01	15	T	T	46	1			
14	18	11	15	T	T	46				
15	23	07	15			46				
16	30	03	17			46				
17	28	01	15			47				
18	22	01	12	T	T	36				
19	20	11	16	T	T	36				
20	19	10	15	.10	1.0	37				
21	24	-04	10	T	T	37				
22	31	-06	13			37				
23	29	05	17	T	T	36				
24	21	13	17	T	T	35				
25	25	17	21	T	T	35				
26	28	16	22	T	T	35				
27	28	19	22			34				
28	34	17	26			34				
29	28	17	23			33				
30	28	20	24	T	T	32				
31	30	24	27	.37	3.7	33	1			
SUM				.69	6.9		3			
AVG	24	07	16							
EXT	34	-08		.37	3.7					

ALERT NWT FEBRUARY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-14	-29	-22	T	T	17				
02	-20	-33	-27		T	17				
03	08	-31	-12			17		1	1	
04	32	00	16			17		1	1	1
05	33	18	26			17		1	1	
06	28	-14	07	.01	.1	17				
07	-07	-19	-13			17				
08	13	-20	-04			17		1	1	1
09	-02	-16	-09	.04	.4	17				
10	-14	-26	-20	.03	.3	17				
11	-14	-32	-23	.03	.3	17	1			
12	-28	-39	-34	.01	.1	17				
13	-30	-40	-35	.01	.1	17				
14	-30	-40	-35	T	T	17				
15	-30	-41	-36	T	T	17				
16	-29	-44	-37	T	T	17				
17	-30	-40	-35	T	T	17				
18	-35	-42	-39	T	T	17				
19	-30	-45	-37			17				
20	-26	-39	-33	T	T	17				
21	-20	-28	-24	.01	.1	17				
22	-16	-28	-23	.01	.1	17				
23	-15	-27	-21			17				
24	-14	-25	-20	T	T	17				
25	-18	-34	-26	.01	.1	17				
26	-29	-38	-34	T	T	17				
27	-31	-38	-35	T	T	17				
28	-31	-41	-36	T	T	17				
SUM				.16	1.6		3	4	4	
AVG	-14	-30	-22							
EXT	33	-44		.04	0.4					

ALERT NWT APRIL 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-09	-35	-22			17	1	1	1	
02	-09	-35	-22			17	1	1	1	
03	-25	-36	-31			17				
04	-23	-37	-30			17				
05	-06	-31	-19			17				
06	01	-22	-11			17	1	1		
07	-09	-24	-17			17	1	1		
08	-11	-25	-18			17	1	1	1	
09	10	-12	-01			17	1	1	1	
10	17	03	10			17		1	1	
11	24	08	16	T	T	17		1	1	
12	24	00	12	.03	.3	17		1	1	
13	18	-01	09			17				
14	10	00	05			17				
15	14	-05	05			17				
16	-01	-15	-08	.02	.2	17				
17	-07	-17	-12			14				
18	-05	-17	-11			14				
19	11	-16	-03			14				
20	11	-03	04			14				
21	09	-01	04	.02	.2	14				
22	05	-10	-03	T	T	14				
23	-03	-16	-10	T	T	14				
24	-03	-17	-10			14				
25	-05	-17	-11			14				
26	-06	-17	-12			14				
27	-03	-18	-11			14				
28	-07	-15	-11	.02	.2	14				
29	-01	-19	-08	T	T	14				
30	09	-11	-01	T	T	14				
SUM				.09	0.9		4	9	9	
AVG	01	-15	-07							
EXT	24	-37		.03	0.3					

ALERT NWT JUNE 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	19	14	17	T	T	16				
02	26	17	22	.02	.2	16				
03	24	07	16	.02	.2	16	1			
04	29	13	21	.09	.9	16				
05	30	16	23	.07	.7	17				
06	33	09	21	T	T	17				
07	33	10	22	.02	.2	15				
08	35	07	21			14				1
09	37	25	31	T	T	14				
10	32	16	24	.10	1.0	14				
11	38	20	29	.02	.2	14				
12	38	25	32			13	1			
13	36	22	29			12	1			
14	31	22	27			11	1			
15	34	24	29	T	T	11	1			
16	37	26	32	T	T	10				
17	35	26	31	T	T	9				
18	37	22	30	T	T	8				
19	31	22	27			7				
20	27	22	25			7				
21	28	24	26	.06	.6	7				
22	32	25	29	.01	.1	7				
23	32	25	29			6				
24	34	25	30	T	T	6				
25	34	29	32	.02	.2	6				
26	32	26	29	.02	.2	6				
27	30	27	29			6				
28	37	28	33			6				
29	35	26	31	.02	.2	6				
30	37	27	32	.02	.2	6				
SUM				.49	4.9		5	1		
AVG	32	21	27							
EXT	38	07		.10	1.0					

CLYDE NWT FEBRUARY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-07	-26	-17	T	T	48				
02	06	-20	-07	T	T	48	1			
03	29	-03	13			48				
04	36	25	31			48				
05	32	15	24			48				
06	22	08	15	T	T	48				
07	12	-04	04	.03	.3	48				
08	12	-02	05			48				
09	10	-14	-02			48				
10	08	-17	-05			48				
11	10	-19	-05	T	T	48				
12	10	-08	01	.01	.1	48	1			
13	-04	-14	-09	.01	.1	48				
14	-13	-32	-23	T	T	48				
15	-17	-33	-25			48				
16	-15	-28	-22			48				
17	00	-16	-08	T	T	48	1			
18	00	-07	-04			48	1			
19	02	-04	-01			48	1	1	1	
20	02	-04	-01			48	1			
21	-01	-08	-05			48	1			
22	03	-05	-01	T	T	48	1			
23	04	-08	-02			48	1			
24	00	-19	-10			48				
25	-07	-27	-17			48				
26	-17	-28	-23			48				
27	-13	-37	-25			48				
28	-23	-38	-31			48				
SUM				.05	0.5		9	1	1	
AVG	03	-13	-05							
EXT	36	-38		.03	0.3					

CLYDE NWT APRIL 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-19	-38	-27			48				
02	-17	-38	-28			48				
03	-04	-29	-17			48				
04	-01	-25	-13			48				
05	-02	-24	-13			48				
06	08	-21	-07			48				
07	13	-11	01			48				
08	12	-10	01	.10	1.0	48				
09	12	05	09	.10	1.0	49				
10	09	-04	03	T	T	50				
11	15	-01	07			50				
12	16	07	12			50	1			
13	18	04	11	.04	.4	50	1			
14	18	-02	08			50				
15	23	-02	11			50	1			
16	17	-07	05			50				
17	17	-09	04			50				
18	14	01	08			50				
19	19	06	13			50				
20	27	04	16			50				
21	23	-03	10			50				
22	23	-03	10			50				
23	25	01	13			50				
24	11	02	07			50				
25	10	-03	04			50				
26	13	-10	02			50				
27	08	-12	-02			50	1			
28	10	-06	02			50	1			
29	07	-02	03			50		1		
30	08	-06	01			50		1		
SUM				.24	2.4		3	4		
AVG	11	-08	02							
EXT	27	-38		.10	1.0					

CLYDE NWT JUNE 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	29	24	27	T	T	35				1
02	32	21	27	T	T	35				
03	35	14	25			34				
04	35	17	26	.10	1.0	34				1
05	34	23	29	T	T	34				1
06	39	18	29	T	T	34				
07	33	18	26	T	T	34				
08	34	19	27			33				
09	46	14	30			31				
10	38	22	30			29				
11	36	28	32			28				
12	36	27	32			26				
13	45	27	36			24				
14	47	29	38			23				
15	49	29	39			19				
16	47	28	38			17				
17	44	28	36			16				
18	42	28	35	T	T	13				
19	44	32	38			11				
20	42	33	38			10				
21	35	32	34	T		9	1			
22	36	30	33	T	T	8				
23	36	30	33	T	T	7				
24	32	28	30	T	T	7		1		
25	38	28	33	T	T	7		1		
26	42	34	38			7				
27	48	31	40			7				
28	49	34	42			6				
29	48	34	41			6				
30	41	32	37			5				
SUM				.10	1.0			1	5	
AVG	40	26	33							
EXT	49	14		.10	1.0					

DAILY CLIMATOLOGICAL DATA

EUREKA

EUREKA NWT JANUARY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-25	-35	-30	T	T	6				
02	-39	-41	-37			6				
03	-26	-41	-34	T	T	6				
04	-18	-28	-23	T	T	6				
05	-21	-40	-31			6				
06	-39	-48	-44			6				
07	-45	-48	-47			6				
08	-28	-47	-38			6				
09	-23	-33	-28	.03	.3	6				
10	-22	-41	-32	.01	.1	7				
11	-41	-47	-44			7				
12	-25	-47	-36	T	T	7				
13	-18	-27	-23	.04	.4	7				
14	-12	-30	-21	.03	.3	7	1			
15	-15	-34	-25			8	1			
16	-24	-34	-29	.03	.3	8				
17	-32	-45	-39			8				
18	-45	-52	-49			8				
19	-50	-55	-53			8				
20	-52	-56	-54			8				
21	-48	-55	-52			8				
22	-36	-52	-44	T	T	8				
23	-25	-36	-31			8				
24	-25	-41	-33			8				
25	-30	-47	-39			8				
26	-40	-45	-43			8				
27	-36	-46	-41			8				
28	-11	-37	-24	.03	.3	8	1			
29	-11	-22	-17	T	T	8	1			
30	-08	-25	-17	.01	.1	8	1			
31	-08	-33	-21			8	1			
SUM				.18	1.8		6			
AVG	-28	-41	-35							
EXT	-08	-56		.04	0.4					

EUREKA NWT MARCH 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-48	-52	-50			10				
02	-43	-53	-48	T	T	10				
03	-38	-52	-45	.01	.1	10				
04	-50	-54	-52			10				
05	-49	-53	-51			10				
06	-35	-51	-43	.01	.1	10				
07	-27	-36	-32	T	T	10				
08	-22	-45	-33			10				
09	-12	-24	-18			10				
10	-11	-30	-21			10				
11	-27	-48	-38			10				
12	-48	-53	-51			10				
13	-46	-53	-50			10				
14	-27	-50	-39	T	T	10				
15	-22	-31	-27	.02	.2	10				
16	-22	-33	-28			10				
17	-28	-41	-35			10				
18	-38	-45	-42			10				
19	-41	-46	-44			10				
20	-39	-45	-42			10				
21	-38	-47	-43			10				
22	-18	-48	-33			10	1	1		
23	-22	-37	-30			10				
24	-20	-35	-28	.02	.2	10				
25	-29	-37	-33	T	T	10				
26	-30	-43	-37			10				
27	-40	-49	-45			10				
28	-39	-50	-45			10				
29	-36	-49	-43			10				
30	-21	-40	-31	.05	.5	10				
31	-30	-47	-39			11				
SUM				.11	1.1		1	1		
AVG	-32	-44	-38							
EXT	-11	-54		.05	0.5					

EUREKA NWT MAY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	10	04	07			11	1			
02	17	-02	08			11				
03	13	-05	04	T	T	11	1			
04	02	-10	-04	T	T	11				
05	01	-14	-07			11				
06	01	-14	-07			11				
07	08	-12	-04			11				
08	08	-04	02			11				
09	12	-08	02			11				
10	12	-06	03			11				
11	15	-05	04			11				
12	12	-04	04			11				
13	15	-02	07			11				
14	14	-01	07			11				
15	12	-03	05	T	T	11				
16	12	00	06	T	T	11				
17	17	10	14	T	T	11				
18	19	10	15	T	T	11				
19	14	04	09	T	T	11				
20	19	10	15	.02	.2	11				
21	24	04	14	T	T	11				
22	13	-01	06			11				
23	20	02	11			11				
24	19	06	13	T	T	11				
25	19	08	14			11				
26	17	09	13			11				
27	20	07	14			11				
28	24	09	17	.04	.4	10	1			
29	21	11	16	T	T	10				
30	26	10	18			10				
31	25	14	20			10				
SUM				.06	0.6		1	2		
AVG	15	01	08							
EXT	26	-14								

ISACHSEN

ISACHSEN NWT JANUARY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-23	-36	-30	.01	.1	8				
02	-22	-35	-29	T	T	8	1			
03	-19	-40	-30	T	T	8				
04	-30	-38	-34	T	T	8	1			
05	-32	-42	-37	.03	.3	8				
06	-36	-43	-40	T	T	8				
07	-34	-48	-41			8				
08	-31	-37	-34			8	1			
09	-32	-42	-37			8	1			
10	-37	-48	-43			8				
11	-45	-52	-49			8				
12	-36	-52	-44			8	1	1	1	
13	-28	-38	-33			8	1	1	1	
14	-23	-28	-26			8	1	1	1	
15	-25	-37	-31			8	1	1	1	1
16	-23	-33	-28			8	1	1	1	
17	-31	-41	-36			8	1	1		
18	-40	-53	-47			8				
19	-43	-53	-48			8				
20	-36	-49	-41			8	1	1	1	
21	-27	-46	-37			8	1	1	1	
22	-17	-34	-26			8	1			
23	-19	-39	-29			8	1	1		
24	-26	-39	-33			8	1	1	1	1
25	-26	-32	-29			8	1			
26	-26	-37	-32	T	T	8	1	1	1	1
27	-17	-38	-28	.05	.5	8	1	1		
28	-10	-37	-24	.10	1.0	9	1			
29	-40	-55	-48	T	T	10				
30	-22	-44	-33			10	1	1		
31	-31	-44	-38			10				
SUM				.19	1.9	61713	9			
AVG	-29	-42	-35							
EXT	-10	-55		.10	1.0					

ISACHSEN NWT MARCH 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-28	-42	-35			15	1	1	1	1
02	-42	-53	-48			15				
03	-40	-46	-43			15				
04	-38	-45	-42			15	1			
05	-36	-47	-42	.01	.1	15				
06	-35	-46	-41			15	1			
07	-30	-43	-37	.01	.1	15	1			
08	-36	-50	-43			15	1			
09	-27	-51	-39	.05	.5	15				
10	-28	-59	-44	.03	.3	16	1			
11	-49	-60	-55	T	T	16				
12	-45	-58	-52	T	T	16				
13	-29	-47	-38	T	T	16	1			
14	-33	-48	-41	T	T	16				
15	-30	-47	-39			16				
16	-30	-35	-33	T	T	16	1	1		
17	-30	-34	-32			16	1	1		
18	-26	-33	-30			16	1	1		
19	-21	-35	-28			16				
20	-18	-35	-27			16				
21	-26	-42	-34			16				
22	-27	-43	-35			16	1	1	1	1
23	-19	-33	-26			16	1	1	1	1
24	-20	-28	-24			16		1	1	1
25	-25	-30	-28			16		1		
26	-22	-34	-28			16				
27	-23	-35	-29			16				
28	-29	-40	-35			16				
29	-37	-45	-41			16				
30	-26	-40	-33			16	1			
31	-24	-33	-29	.01	.1	16				
SUM				.11	1.1		12	8	5	4
AVG	-30	-43	-36							
EXT	-18	-60		.05	0.5					

ISACHSEN NWT MAY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	08	-02	03			17		1		
02	13	00	07	T	T	17	1			
03	13	-02	06	.06	.6	17		1		
04	10	03	07			18		1	1	1
05	07	-05	01			18	1			
06	09	-05	02			18	1			
07	15	-02	07			18				
08	16	01	09			18				
09	21	07	14			18				
10	18	10	14	.05	.5	18				
11	20	11	16	.09	.9	18				
12	19	03	11	.03	.3	20				
13	07	03	05	.01	.1	20				
14	09	00	05	T	T	20				
15	12	04	08	.04	.4	20				
16	13	09	11	.07	.7	20				
17	15	07	11	.03	.3	21				
18	17	09	13	.04	.4	21				
19	20	10	15	.02	.2	21	1			
20	31	17	24			22	1			
21	31	24	28			21	1			
22	27	14	21	T	T	21				
23	20	08	14	T	T	21		1	1	1
24	19	07	10			21		1	1	
25	13	07	10	.02	.2	21	1			
26	12	07	10	.03	.3	21	1			
27	16	09	13	.04	.4	22	1			
28	17	11	14	.01	.1	22				
29	17	12	15	.06	.6	22				
30	18	10	14	.01	.1	23	1			
31	26	17	22			23				
SUM				.61	6.1		6	8	4	2
AVG	16	07	11							
EXT	31	-05		.09	0.9					

EUREKA NWT FEBRUARY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-31	-41	-36			8				
02	-38	-42	-40			8				
03	-13	-40	-27	T	T	8				
04	30	-14	08	.12	1.2	8	1			
05	30	-12	09	T	T	9	1			
06	-08	-32	-20			9	1			
07	-18	-34	-26			9				
08	05	-26	-11	T	T	9	1	1	1	
09	00	-29	-15			9	1			
10	-09	-29	-19	.18	1.8	9	1			
11	-09	-28	-19			11	1	1		
12	-20	-37	-29			11	1			
13	-27	-36	-32			11	1			
14	-29	-45	-37			11	1			
15	-38	-45	-42			11				
16	-41	-50	-46			11				
17	-49	-53	-51			11				
18	-49	-53	-51			11				
19	-46	-53	-50			11				
20	-32	-48	-40			11	1			
21	-35	-44	-40			11	1			
22	-41	-45	-43			11				
23	-43	-46	-45			10				
24	-22	-46	-34			10				
25	-12	-32	-22			10				
26	-25	-46	-36			10				
27	-44	-48	-46			10				
28	-48	-51	-50			10				
SUM				.30	3.0		11	1	2	1
AVG	-24	-40	-32							
EXT	30	-53		.18	1.8					

EUREKA NWT APRIL 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-20	-47	-34	T	T	11				
02	-20	-40	-30			11				
03	-34	-48	-41			11				
04	-29	-52	-41	T	T	11				
05	-22	-37	-30	T	T	11				
06	-15	-30	-23			11	1	1		
07	-13	-28	-21			11	1	1		
08	-04	-35	-20	.02	.2	11		1		
09	06	-16	-05	.01	.1	11		1		
10	05	-05	-00			11				
11	12	-10	01			11				
12	14	-05	05			11				
13	01	-16	-08			11				
14	06	-20	-07			11				
15	02	-14	-06	T	T	11				
16	06	-12	-03	T	T	11				
17	-05	-20	-13			11				
18	-06	-23	-15			11				
19	-02	-20	-11			11				
20	02	-14	-06			11				
21	07	-10	-02	.04	.4	11	1			
22	01	-17	-08	.01	.1	11				
23	-01	-26	-14			11				
24	-10	-29	-20	T	T	11				
25	-09	-23	-16	T	T	11				
26	-09	-24	-17			11				
27	-08	-29	-19	T	T	11				
28	-02	-29	-16			11				
29	04	-08	-02			11				
30	08	-04	02			11				
SUM				.08	0.8		3	4		
AVG	-05	-23	-14							
EXT	14	-52		.04	0.4					

EUREKA NWT JUNE 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	27	18	23			10				
02	31	16	24			10				
03	30	21	26			10				
04	29	21	25			10				
05	29	21	25			10				
06	32	26	29	T	T	9				
07	35	25	30			9				
08	35	30	33	.02	.2	9	1	1	1	
09	37	30	34	.01	.1	8	1			
10	36	31	34	T	T	8				
11	38	32	35			7				
12	38	31	35			7				
13	47	32	40			6				
14	39	32	36	T		5				
15	38	31	35			4				
16	35	31	33	T	T	3	1			
17	36	30	33			3				
18	40	31	36			2				
19	39	33	36			2				
20	39	33	36	T	T	1				
21	35	30	33			1				
22	36	30	33			1				
23	38	30	34			1				
24	41	33	37			1				
25	39	33	36	.05		1				
26	37	31	34	T	T	1				
27	37	30	34	T	T					
28	40	34	37	.05	T					
29	40	33	37	.01						
30	40	33	37							
SUM				.14	0.3		2	1	1	1
AVG	36	29	33							
EXT	47	16		.05	0.2					

ISACHSEN NWT FEBRUARY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-36	-42	-39			10				
02	-37	-44	-41			10				
03	-04	-44	-24	T	T	10	1			
04	24	-08	08	.22	2.2	10	1	1	1	
05	11	-25	-07			12	1	1	1	
06	-24	-33	-29			12	1			
07	-22	-34	-28			12				
08	-07	-25	-16	.19	1.9	12	1			
09	-20	-33	-27			14				
10	-08	-25	-17	.13	1.3	14	1	1		
11	-21	-37	-29			15	1	1		
12	-25	-39	-32	.01	.1	15	1	1		
13	-30	-41	-36			15	1	1	1	
14	-29	-39	-34			15	1	1		
15	-26	-37	-32	T	T	15	1	1	1	
16	-33	-40	-37			15	1			
17	-28	-44	-36			15	1			
18	-31	-45	-38			15	1	1	1	
19	-30	-42	-36			15				
20	-26	-42	-34			15				
21	-20	-42	-31			15	1	1		
22	-05	-27	-16			15	1	1	1	
23	-12	-28	-20			15				
24	-20	-32	-26			15	1	1	1	
25	-18	-28	-23			15	1	1	1	
26	-22	-30	-26			15	1	1		
27	-29	-40	-35			15	1	1	1	
28	-29	-36	-33			15	1	1		
SUM				.55	5.5	71913	7			
AVG	-20	-35	-28							
EXT	24	-45		.22	2.2					

ISACHSEN NWT APRIL 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-30	-45	-38			16				
02	-30	-41	-36			16				
03	-24	-40	-32			16	1			
04	-28	-40	-34			16				
05	-23	-36	-30	.01	.1	16		1		
06	-26	-41	-34			16		1	1	1
07	-21	-35	-28			16		1	1	1
08	00	-36	-18	.06	.6	16		1	1	1
09	05	-04	01			16		1	1	
10	09	-02	04	T	T	16		1		
11	10	-01	05			16		1	1	
12	07	-09	-01	.01	.1	16				
13	12	-09	02			16				
14	14	-01	07	.01	.1	16				
15	09	-10	-03	.02	.2	16				
16	-02	-16	-09			16				
17	02	-16	-07			16				
18	10	-10	00			16				
19	07	-05	01			16				
20	13	-05	04	.04	.4	16	1			
21	02	-09	-04	.04	.4	17				
22	-05	-20	-13			17	1			
23	-06	-17	-12			17	1			
24	-05	-18	-12			17				
25	00	-18	-09	T	T	17				
26	01	-18	-09	.01	.1	17				
27	06	-20	-07	.01	.1	17	1			
28	04	-16	-06			17	1	1	1	1
29	09	-08	-02			17				
30	04	-04	-00			17		1	1	1
SUM				.21	2.1	510	7	5		
AVG	-03	-18	-11							
EXT	14	-45		.06	0.6					

ISACHSEN NWT JUNE 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	22	15	19			22				
02	26	15	21	T	T	22				
03	29	24	27	T	T	22	1			
04	28	25	26			20				
05	27	23	25	T	T	19				
06	30	22	26			18	1			
07	33	25	29	T	T	17				
08	32	28	30	.02	.1	16				
09	34	31	33	.01	T	15	1			
10	35	28	32	T	T	13	1			
11	36	27	32			13				
12	37	32	35			10	1			
13	35	31	33	T		8	1			
14	34	25	30	T	T	6				
15	34	26	30			4				
16	33	28	31	T	T	3				
17	33	27	30	T	T	2				
18	36	27	32			2				
19	38	24	31			1				
20	32	24	28	T	T	T				
21	34	28	31			T				
22	36	29	33	T	T	T				
23	40	34	37			T				
24	38	32	35			T				
25	38	33	36	T	T	T				
26	36	29	33	T	T	T				
27	35	28	32	.03	.3	T				
28	34	25	30	T	T	T				
29	35	29	32	T	T	T				
30	39	32	36			T				
SUM				.06	0.4		6			
AVG	34	27	30							
EXT	40	15		.03	0.3					

DAILY CLIMATOLOGICAL DATA

MOULD BAY

MOULD BAY NWT — JANUARY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-29	-41	-35			6				
02	-33	-43	-38			6				
03	-27	-37	-32			6				
04	-34	-41	-38			6				
05	-31	-37	-34			6				
06	-32	-39	-36			6				
07	-34	-41	-38			6				
08	-35	-44	-40			6				
09	-38	-45	-42			6				
10	-30	-48	-39			6	1			
11	-24	-37	-31			6	1			
12	-31	-42	-37			6	1			
13	-37	-44	-41			6	1	1		
14	-30	-44	-37			6	1	1	1	
15	-33	-38	-36			6	1	1	1	
16	-31	-38	-35			6	1	1	1	
17	-25	-36	-31			6	1			
18	-20	-38	-29	.04	.4	6				
19	-39	-50	-45			6				
20	-39	-48	-44			6				
21	-38	-45	-42			6	1			
22	-18	-41	-30			6				
23	-13	-31	-22			6	1	1	1	
24	-25	-36	-31			6	1			
25	-16	-28	-22			6				
26	-12	-26	-19	.02	.2	6	1	1		
27	-07	-28	-18			6	1	1	1	
28	-02	-32	-17			6	1	1	1	
29	-31	-38	-35			6	1			
30	-34	-48	-41			6	1			
31	-23	-34	-29			6				
SUM				.06	0.6		16	8	6	
AVG	-28	-39	-33							
EXT	-02	-50		.04	0.4					

MOULD BAY NWT — MARCH 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-30	-41	-36			9				
02	-27	-39	-33	T	T	9				
03	-29	-42	-36	.04	.4	9				
04	-40	-51	-46			9				
05	-37	-43	-40			9				
06	-39	-47	-43			9				
07	-30	-46	-38			9				
08	-32	-44	-38			9				
09	-32	-53	-43			9				
10	-45	-54	-50			9				
11	-44	-54	-49			9				
12	-37	-49	-43			9				
13	-35	-44	-40			9				
14	-20	-41	-31			9	1	1		
15	-25	-30	-28	.01	.1	9	1	1	1	1
16	-22	-32	-27			9	1	1	1	
17	-19	-33	-26			9		1	1	
18	-26	-41	-34			9				
19	-22	-37	-30			9				
20	-26	-39	-33			9				
21	-27	-42	-35			9				
22	-27	-40	-34			9				
23	-30	-40	-35			9				
24	-32	-37	-35			9	1	1		
25	-32	-39	-36			9	1			
26	-23	-38	-31			9	1	1		
27	-24	-39	-32			9				
28	-28	-45	-37			9				
29	-24	-36	-30			9				
30	-22	-36	-29			9				
31	-16	-35	-26	T	T	9				
SUM				.05	0.5		6	6	3	1
AVG	-29	-41	-35							
EXT	-16	-54		.04	0.4					

MOULD BAY NWT — MAY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	17	-07	05			9				
02	22	01	12			9				
03	16	05	11	T	T	9				
04	18	09	14	.02	.2	9				
05	18	08	13	.03	.3	9	1			
06	18	08	13	.05	.5	9				
07	20	03	12	T	T	9				
08	22	10	16			8				
09	19	01	10	T	T	8				
10	14	06	10	.05	.5	8				
11	10	04	07	.02	.2	9				
12	08	01	05			9				
13	09	00	05	T	T	9				
14	08	01	05	T	T	9				
15	10	04	07	T	T	9				
16	11	04	08	T	T	9				
17	26	09	18	.11	1.1	9	1			
18	24	15	20			10				
19	30	12	21	T	T	10				
20	27	15	21			10				
21	33	19	26	.02	.2	9	1			
22	32	22	27	.01	.1	9		1	1	
23	22	10	16	.01	.1	9		1		
24	16	08	12	.02	.2	9		1		
25	11	08	10	.04	.4	9				
26	14	07	11	.01	.1	9		1		
27	13	07	10	T	T	9				
28	16	10	13	.04	.4	9				
29	27	12	20	.02	.1	9				
30	28	23	26	.08	.9	9	1			
31	25	16	20	.03	.3	9		1		
SUM				.56	5.2		4	5	1	
AVG	19	08	14							
EXT	33	-07		.11	1.1					

RESOLUTE (A)

RESOLUTE NWT — JANUARY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-20	-30	-25	T	T	11				
02	-12	-26	-19	T	T	11		1	1	
03	-11	-24	-18	T	T	11				
04	-21	-33	-27	.01	.1	11				
05	-21	-35	-28	T	T	11	1	1		
06	-17	-29	-23			11		1	1	1
07	-11	-25	-18			11		1	1	1
08	-05	-13	-09			11		1	1	1
09	-12	-24	-18	.05	.5	11	1	1	1	1
10	-22	-37	-30	T	T	11				
11	-32	-42	-37	T	T	11				
12	-20	-39	-30	T	T	11	1	1	1	1
13	-01	-22	-12	T	T	11		1	1	1
14	-06	-22	-14			11		1	1	1
15	-19	-35	-27			11	1	1	1	
16	-33	-39	-36	T	T	11				
17	-28	-37	-33	T	T	11				
18	-27	-34	-31	.02	.2	11				
19	-26	-39	-33	T	T	11				
20	-17	-36	-27	T	T	11	1	1	1	
21	-08	-28	-18			11		1	1	1
22	-29	-32	-28	T	T	11	1	1	1	1
23	-18	-30	-24	T	T	11	1	1	1	
24	-23	-34	-29			11	1	1	1	1
25	-17	-33	-25	T	T	11		1	1	
26	-22	-31	-27	T	T	11	1	1		
27	-18	-35	-27	T	T	11		1	1	
28	-13	-35	-24	.04	.4	11		1	1	
29	-17	-30	-24	T	T	11				
30	-17	-32	-25	T	T	11				
31	-22	-34	-28	T	T	11				
SUM				.12	1.2				7	2
AVG	-18	-32	-25							0
EXT	-01	-42		.05	0.5					1

RESOLUTE NWT — MARCH 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-34	-39	-37	T	T	13				
02	-31	-42	-37	T	T	13				
03	-26	-38	-32	T	T	13				
04	-32	-40	-36	T	T	13				
05	-38	-45	-42	T	T	13				
06	-35	-45	-40	T	T	13				
07	-26	-37	-32	T	T	13				
08	-26	-40	-33	.01	.1	13				
09	-23	-42	-33	T	T	13	1			
10	-20	-33	-27	T	T	13	1			
11	-23	-35	-29	.02	.2	13				
12	-28	-40	-34			13	1			
13	-30	-40	-35	T	T	13	1			
14	-23	-40	-32	T	T	13	1	1	1	
15	-24	-38	-30	T	T	13				
16	-32	-36	-34	T	T	13				
17	-27	-37	-32	T	T	13	1	1		
18	-21	-31	-26			13	1	1	1	1
19	-17	-23	-20	.03	.3	13	1	1	1	
20	-19	-32	-26	T	T	13	1			
21	-23	-34	-29	T	T	13				
22	-19	-35	-27	.02	.2	13	1	1		
23	-22	-30	-26	.03	.3	13	1	1		
24	-27	-36	-32	.01	.1	13				
25	-26	-36	-31	T	T	13				
26	-24	-37	-31	T	T	13	1			
27	-20	-35	-28	T	T	13	1			
28	-19	-26	-23	T	T	13	1	1		
29	-23	-33	-28	T	T	13		1		
30	-10	-33	-22	T	T	13	1	1	1	
31	-16	-29	-23	.02	.2	13		1		
SUM				.14	1.4		5	5	1	2
AVG	-25	-36	-30							
EXT	-10	-45		.03	0.3					

RESOLUTE NWT — MAY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	10	-02	04			13				
02	11	-03	04			13				1
03	16	01	09	.02	.2	13				
04	11	-01	05	T	T	13				1
05	12	00	06			13				
06	13	-05	04			13				
07	12	-02	05			13				
08	19	03	11			13				
09	16	-01	08	T	T	13				
10	21	08	15	.05	.6	13				
11	18	09	14	.01	.1	13				
12	11	-01	05	.01	.1	13				
13	11	-01	05	T	T	13				
14	06	-04	01	T	T	13				
15	08	-05	02	T	T	13				
16	10	-01	05	T	T	13				
17	12	02	07	T	T	13				
18	11	07	09	.01	.1	13				
19	18	07	13	T	T	13				
20	26	16	21	T	T	13				
21	25	21	23	.06	.7	13				
22	28	19	24	.09	.9	14				
23	25	14	20	T	T	14				
24	16	07	12	T	T	14			1	
25	20	07	14	T	T	14				
26	14	09	12	T	T	14				
27	14	09	12	T	T	14				
28	15	10	13	T	T	14				
29	13	10	12	T	T	14				
30	22	10	16	.01	.1	14			1	1
31	27	19	23	T	T	14			1	1
SUM				.20	2.2					3
AVG	16	05	11							4
EXT	28	-05		.06	0.7					

MOULD BAY NWT — FEBRUARY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-24	-38	-31			6				
02	-36	-40	-38			6				
03	-33	-44	-39			6				
04	-12	-36	-24	.02	.2	6	1	1	1	
05	-12	-32	-22			6		1	1	
06	-28	-33	-31			6				
07	-03	-32	-18	.04	.4	6	1			
08	-04	-30	-17	.05	.5	7	1			
09	-10	-31	-21	.08	.8	7				
10	-07	-30	-19	.06	.6	8	1			
11	-28	-41	-35			8	1			
12	-29	-39	-34			8				
13	-35	-43	-39			8				
14	-18	-42	-30			8				
15	-22	-42	-32			8				
16	-27	-41	-34	T	T	8				
17	-29	-41	-35			8				
18	-29	-40	-35			8				
19	-27	-36	-32			8				
20	-25	-39	-32			8				
21	-23	-34	-29			8				
22	-21	-37	-29			8				
23	-12	-32	-22	.01	.1	8				
24	-10	-32	-21	.05	.5	9	1	1		
25	-17	-36	-27			9	1			
26	-10	-21	-16			9				
27	-20	-36	-28			9				
28	-29	-38	-34			9				
SUM				.31	3.1		2	8	2	
AVG	-21	-36	-28							
EXT	-03	-44		.08	0.8					

MOULD BAY NWT — APRIL 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-18	-31	-25	T	T	9				
02	-21	-37	-2							
03	-21	-38	-30			9				
04	-33	-42	-38			9	1			
05	-22	-40	-31	T	T	9	1	1		
06	-11	-25	-18			9	1	1	1	
07	-03	-24	-14	.03	.3	9				
08	15	-06	04	.02	.2	9		1	1	
09	10	02	06			9		1	1	
10	12	02	07			9				
11	14	01	08			9		1	1	
12	07	-05	01	T	T	9	1	1		
13	18	-04	07	.02	.2	9				
14	09	-06	02			9				
15	05	-11	-03			9	1			
16	08	-07	01			9	1			
17	10	-07	02			9				
18	11	-01	05			9				
19	12	-04	04	.01	.1	9				
20	15	-04	05	.03	.3	9	1			
21	-01	-14	-08	T	T	9	1			
22	-08	-16	-11			9				
23	01	-13	-06			9				
24	02	-09	-04			9				
25	11	-10	01			9				
26	01	-08	-04			9	1			
27	07	-05	01			9			1	
28	10	-03	04			9				
29	10	-08	01			9				
30	14	-07	04			9				
SUM				.11	1.1		8	7	5	
AVG	02	-13	-05							
EXT	18	-42		.03	0.3					

MOULD BAY NWT — JUNE 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	25	18	22	T	T	9				
02	27	15	20			9				
03	24	12	18			8	1			
04	29	12	21			8				
05	30	17	24			8				
06	35	20	28			7				
07	33	30	32	.26	.5	7				
08	35	30	33	.35	1.0	7	1			
09	33	27	30	.23	2.3	10	1			
10	32	27	30	T	T	10				
11	35	30	33	T	T	9	1			
12	36	30	33			8				
13	35	28	32	T	T	7				
14	35	27	31			6				
15	35	26	31			5				
16	36	30	33			5				
17	37	31	34	T		4				
18	36	32	34	.02	T	3				
19	37	29	33	T	T	2				
20	36	26	31	T		2				
21	39	28	34	T		2				
22	36	31	34	T		2				
23	41	32	37			2				
24	45	36	41			1				
25	46	36	41			1				
26	45	33	39	T	T	1				
27	38	31	35	T	T	1				
28	40	32	36	T	T	1				
29	41	31	36			1				
30	41	34	38			1				
SUM				.86	3.8		4			
AVG	36	27	32							
EXT	46	12		.35	2.3					

RESOLUTE NWT — FEBRUARY 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-15	-26	-21	T	T	11				
02	-14	-23	-19	T	T	11	1			
03	11	-15	-02	.04	.4	11	1	1	1	
04	25	-10	08	.05	.5	12		1	1	
05	-10	-32	-21			12		1	1	
06	-04	-31	-18			12				
07	-06	-21	-14	.04	.4	12				
08	-02	-22	-12	.02	.2	12		1		
09	03	-04	-01	.06	.6	12		1		
10	13	02	08	.14	1.4	13		1		
11	03	-26	-12	T	T	14		1	1	1
12	-21	-33	-27	T	T	14		1	1	1
13	-30	-39	-35			14	1	1	1	
14	-32	-37	-35			14	1	1		
15	-29	-38	-34	.01	.1	14				
16	-33	-39	-36	T	T	14				
17	-25	-40	-33	T	T	14	1	1	1	1
18	-20	-29	-25	T	T	14	1	1	1	1
19	-21	-31	-26	T	T	14		1	1	1
20	-22	-32	-27			14	1	1	1	1
21	-13	-23	-18			14	1	1	1	1
22	-06	-18	-12			14	1	1	1	
23	-09	-21	-15			14				
24	-13	-26	-20			14				
25	-14	-26	-20	T	T	14	1	1	1	
26	-25	-30	-28			14	1	1	1	1
27	-26	-35	-31			14		1	1	
28	-25	-40	-33	T	T	13				
SUM				.36	3.6				9	
AVG	-13	-27	-20							
EXT	25	-40		.14	1.4					

RESOLUTE NWT — APRIL 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-23	-35	-29	T	T	13				
02	-22	-34	-28	T	T	13				
03	-28	-36	-32	T	T	13				
04	-26	-32	-29	T	T	13				
05	-19	-38	-29	.02	.2	13		1	1	
06	-27	-40	-34	T	T	13		1	1	
07	-05	-28	-17	.01	.1	13	1	1	1	
08	01	-10	-05	.03	.3	13		1		
09	02	-05	-02	T	T	13		1		
10	12	-04	04	T	T	13				
11	10	-03	04			13				
12	20	-06	07			13				
13	18	-05	07			13	1	1	1	1
14	13	-01	06			13		1		
15	12	-04	04	T	T	13				
16	07	-04	02	T	T	13	1	1		
17	14	-01	07			13				
18	16	-05	06			13				
19	14	-02	06			13				
20	10	-05	03	T	T	13				
21	11	00	06	.03	.3	13				
22	09	-03	03	.01	.1	13				
23	06	-04	01	T	T	13				
24	05	-08	-02			13				
25	08	-04	02			13				
26	04	-09	-03	T	T	13				
27	05	-14	-10	T	T	13				
28	-03	-14	-09	T	T	13		1	1	
29	00	-13	-07	T	T	13				
30	07	-09	-01			13		1	1	
SUM				.10	1.0		3	9	6	1
AVG	01	-13	-06							
EXT	20	-40		.03	0.3					

RESOLUTE NWT — JUNE 1963

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	29	21	25			14				
02	26	18	22			14				
03	28	19	24			14				
04	28	25	27	T	T	14				
05	26	18	22	T		14				
06	27	19	24			13	1			
07	33	21	27			13	1			
08	33	27	30	T	T	12		1		
09	33	29	31	T	T	11				
10	32	29	31	T	T	10				
11	36	28	32	.01	.1	10				
12	35	32	34			10				
13	43	31	37			9				
14	37	33	35	T		8				
15	35	31	33	T	T	7				
16	34	30	32	T	T	7	1			
17	35	30	33	T	T	7	1			
18	38	27	33	T	T	7				
19	35	26	31	T	T	6				
20	38	27	33			6				
21	37	29	33			5				
22	34	28	31	T	T	5				
23	37	30	34	T	T	5	1			
24	40	32	36			4				
25	36	29	33	T		4	1			
26	35	27	31	T	T	3	1			
27	36	31	34	T	T	3				
28	35	30	33	.01	.1	3				
29	34	29	32	T	T	3				
30	34	31	33	.27	2.5	3	1			
SUM				.29	2.7				8	1
AVG	34	27	31							
EXT	43	18		.27	2.5					

DAILY CLIMATOLOGICAL DATA

SACHS HARBOUR

Date	Temperature (°F) Maximum	Minimum	Average	Precipitation (inches) Total	Snow	Snow on ground (inches)	Days with Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph

SACHS HARBOUR NWT JANUARY 1963

Date	Maximum	Minimum	Average	Total	Snow	Snow on ground	Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-15	-27	-21			11				
02	-21	-30	-26			11				
03	-25	-38	-32			11				
04	-28	-41	-35			11				
05	-24	-35	-29			11				
06	-25	-33	-29			11				
07	-24	-41	-33			11				
08	-26	-39	-33			11				
09	-34	-41	-38			11				
10	-16	-38	-27			11				
11	-16	-34	-25	T	T	11				
12	-34	-43	-39			11				
13	-40	-48	-44			11				
14	-31	-41	-36			11				
15	-30	-41	-36			11				
16	-33	-40	-37			11				
17	-19	-40	-30			11				
18	-08	-19	-14	.02	.2	11	1	1		
19	12	-20	-04	.01	.1	11				
20	-20	-44	-32	T	T	11				
21	-34	-45	-40			11				
22	-15	-39	-27			11				
23	-19	-25	-20			11				
24	-17	-33	-25			11	1	1		
25	-07	-28	-18			11				
26	-05	-17	-10	.02	.2	11	1	1		
27	-10	-27	-19			11	1			
28	05	-16	-06	.02	.2	11	1	1		
29	-06	-21	-14	T	T	12				
30	-20	-35	-28	T	T	12	1			
31	-32	-39	-36			12	1			
SUM				.07	0.7		7	4		
AVG	-20	-34	-27							
EXT	12	-48		.02	0.2					

SACHS HARBOUR NWT MARCH 1963

Date	Maximum	Minimum	Average	Total	Snow	Snow on ground	Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-02	-07	-05	.02	.2	13				
02	-09	-18	-11	.01	.1	13				
03	-12	-31	-22	T	T	13				
04	-26	-37	-32			13				
05	-32	-41	-37			13				
06	-16	-40	-28			13				
07	-11	-31	-21	T	T	13				
08	-04	-28	-16			13				
09	-05	-36	-21	.04	.4	13	1	1		
10	-28	-40	-34			13				
11	-30	-42	-36			13				
12	-30	-35	-33			13				
13	-29	-38	-34			13				
14	-24	-37	-31			13				
15	-21	-31	-26			13				
16	-15	-28	-22			13	1	1		
17	-10	-36	-23	.01	.1	13	1	1		
18	-30	-38	-34			13				
19	-34	-42	-38			13				
20	-26	-45	-36			13				
21	-18	-27	-23			13				
22	-18	-28	-23			13				
23	-12	-26	-19			13				
24	-08	-24	-16			13				
25	-19	-33	-26			13				
26	-13	-29	-21			13				
27	-16	-25	-21	T	T	13				
28	-20	-41	-31			13				
29	-18	-42	-30	T	T	13				
30	-16	-26	-21			13				
31	-14	-28	-21	T	T	13				
SUM				.08	0.8		3	3		
AVG	-18	-33	-25							
EXT	-02	-45		.04	0.4					

SACHS HARBOUR NWT MAY 1963

Date	Maximum	Minimum	Average	Total	Snow	Snow on ground	Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	21	07	14			15				
02	22	10	16			15				
03	28	11	20			15				
04	20	12	16			15	1			
05	20	10	15			15	1			
06	30	16	23			15				
07	27	12	20	.01	.1	14	1	1		
08	27	19	23	.02	.2	14	1			
09	26	20	23	.01	.1	14				
10	21	12	17	.01	.1	14				
11	16	09	13	.02	.2	14				
12	24	13	19	.01	.1	14	1			
13	33	23	28			14	1			
14	36	26	31			14				
15	35	18	27			13				
16	30	23	27			13				
17	36	24	30	T	T	13	1		1	
18	31	25	28	T	T	12				
19	30	24	27	T	T	12				
20	37	27	32			12				
21	39	29	34	T	T	12				
22	29	20	25	T	T	11				
23	27	19	23	.01	.1	11			1	
24	22	16	19			11	1			
25	24	17	21	T	T	11				
26	24	15	20	.01	.1	11				
27	26	14	20	.02	.2	11				
28	15	08	12	T	T	11				
29	22	12	17	.05	.5	11				
30	26	20	23	.04	.4	12				
31	29	24	27	T	T	12				
SUM				.21	2.1		8	1	2	
AVG	27	17	22							
EXT	39	07		.05	0.5					

SACHS HARBOUR NWT FEBRUARY 1963

Date	Maximum	Minimum	Average	Total	Snow	Snow on ground	Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-34	-45	-40			12				
02	-28	-42	-35	T	T	12				
03	-30	-33	-32	T	T	12				
04	-28	-36	-32			12				
05	-31	-39	-35			12				
06	-14	-33	-24			12	1			
07	-05	-15	-10	.02	.2	12	1			
08	-05	-12	-09	.03	.3	12				
09	02	-07	-03	.02	.2	12				
10	02	-21	-10	.01	.1	12				
11	-14	-31	-23			12				
12	-12	-21	-17			12				
13	-13	-21	-17			12				
14	-14	-31	-23			12				
15	-16	-34	-25	T	T	12				
16	-29	-40	-35			12				
17	-22	-32	-27			12				
18	-12	-24	-18			12				
19	-10	-24	-17			12				
20	-05	-20	-13			12				
21	-07	-12	-10			12	1	1	1	
22	-04	-10	-07			12	1			
23	00	-09	-05	.03	.3	12				
24	-04	-26	-15	T	T	13				
25	-11	-33	-22			13				
26	-05	-16	-11			13				
27	-02	-07	-05			13				
28	-03	-11	-07			13				
SUM				.11	1.1		4	1	1	
AVG	-13	-25	-19							
EXT	02	-45		.03	0.3					

SACHS HARBOUR NWT APRIL 1963

Date	Maximum	Minimum	Average	Total	Snow	Snow on ground	Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	-08	-22	-15	T	T	13				
02	-13	-23	-18			13				
03	-04	-25	-15	T	T	13	1			
04	-03	-32	-18	T	T	13	1			
05	-16	-31	-24			13				
06	-07	-27	-17			13	1	1	1	
07	16	-09	04	.03	.3	13	1	1	1	
08	18	09	14			14	1	1	1	
09	13	05	09			14	1	1	1	
10	18	00	09			14				
11	16	02	09	.01	.1	14	1			
12	14	-01	07			14	1			
13	13	05	09	T	T	14				
14	15	-01	07	T	T	14	1			
15	21	-02	10			14				
16	21	12	17			14	1	1	1	
17	17	13	15	.07	.7	14	1	1	1	
18	18	07	13			15				
19	18	09	14			15	1			
20	18	05	12	T	T	15				
21	06	-05	01	T	T	15	1			
22	15	-06	05			15	1			
23	17	08	13	.04	.4	15		1	1	
24	16	-04	06	.02	.2	15	1			
25	09	-14	-06			15				
26	08	-05	02			15				
27	11	-09	01			15				
28	21	04	13			15				
29	18	10	14			15				
30	15	04	10			15		1		
SUM				.17	1.7		9	9	8	4
AVG	11	-04	03							
EXT	21	-32		.07	0.7					

SACHS HARBOUR NWT JUNE 1963

Date	Maximum	Minimum	Average	Total	Snow	Snow on ground	Fog	Blowing Snow	Wind ≥ 32 mph	Wind ≥ 39 mph
01	33	21	27			11				
02	38	25	32			10				
03	41	31	36			9				
04	41	34	38			7				1
05	38	33	36	T		5				1
06	34	31	33	.14		4	1			
07	34	30	32	T		2	1			
08	32	30	31	.06	.6	2	1			
09	35	29	32	T	T	2	1			
10	41	32	37			2				
11	44	32	38			1				
12	45	35	40			T				
13	44	35	40			T				
14	47	33	40			T				
15	46	35	41			T				
16	48	34	41			T	1			
17	35	31	33	T		T	1			
18	39	29	34			T	1			
19	39	31	35	.10	T					
20	44	35	40	.07						
21	44	37	41							
22	41	30	36				1			
23	47	34	41							
24	33	37	45							1 1
25	39	41	45	T						1
26	56	43	50							
27	55	41	48							
28	49	39	44							
29	50	42	46							
30	51	40	46	.12						
SUM				.49	0.6		8	4	1	
AVG	43	34	38							
EXT	56	21		.14	0.6					

SYNOPTIC OBSERVATIONS

ALERT

ALERT NWT JANUARY 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	040	15		1026.1	W	13	-16	-16	-30	10
02	UNL	15	S-	1032.8	WNW	05	-22	-22	-27	4
03	UNL	15		1038.8	W	02	-27	-27	-41	0
04	050	15		1019.4	E	08	-18	-16	-25	10
05	020	03	S-	1013.5	N	14	-28	-25	-31	10
06	UNL	15		1030.6	C	00	-29	-29	-37	0
07	UNL	15		1025.3	W	05	-31	-31	-43	0
08	UNL	15		1029.0	W	10	-30	-30	-42	0
09	160	15		1026.8	NW	08	-29	-29	-35	10
10	015	05	S-	1019.1	NW	04	-28	-27	-32	10
11	UNL	15		1024.6	C	00	-32	-32	-38	0
12	UNL	15		1030.5	C	00	-40			0
13	050	04	S-F	1021.3	C	00	-29	-29	-35	10
14	015	15	S-	1015.9	C	00	-26	-26	-34	10
15	150	15	IC	998.6	N	11	-21	-21	-28	8
16	UNL	15	S-	998.2	C	00	-28	-28	-39	4
17	UNL	15	IC	1010.1	W	06	-32	-32	-41	0
18	100	15	IC	1026.0	W	07	-35	-35	-45	7
19	UNL	15	IC	1029.3	C	00	-29	-30	-40	2
20	UNL	15	IC	1039.0	C	00	-38			0
21	UNL	15		1047.6	C	00	-39			0
22	UNL	15		1039.7	W	08	-31	-31	-37	2
23	040	10	S-	1018.9	C	00	-20	-20	-32	10
24	020	03	S-	1013.8	NW	05	-23	-23	-29	10
25	020	08	S-	1020.8	C	00	-29	-29	-35	9
26	002	00	3/4IF	1003.2	NW	12	-31	-31	-35	10
27	UNL	15		1012.3	C	00	-31	-31	-40	0
28	UNL	15	IC	1008.6	C	00	-37			0
29	UNL	01	BS	1012.8	SSW	35	-03	-03	-08	4
30	UNL	15		1021.9	SW	16	-11	-12	-21	0
31	000	00	1/4BS	997.5	SSW	70	09	08	00	10
AVG				1021.0		08	-26	-26	-34	05

ALERT NWT JANUARY 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15	S-	1028.1	NW	02	-16	-17	-30	5
02	UNL	15	S-	1035.1	W	08	-29	-29	-29	5
03	UNL	15		1037.0	W	07	-31	-31	-47	0
04	050	15		1017.0	W	02	-24	-24	-34	10
05	020	03	S-	1018.0	NE	09	-22	-22	-31	10
06	UNL	15		1029.8	C	00	-29	-29	-37	1
07	UNL	15		1025.2	W	05	-31	-31	-43	0
08	UNL	15		1030.0	W	04	-31	-31	-43	0
09	100	15		1027.2	NW	08	-29	-29	-33	10
10	060	15		1018.6	NW	12	-27	-27	-33	10
11	UNL	15		1024.0	C	00	-34	-34	-40	0
12	UNL	15		1031.1	C	00	-40			10
13	050	10	S-	1020.4	C	00	-26	-26	-33	10
14	015	15		1013.4	E	25	-23	-23	-30	10
15	UNL	01	IF	995.1	C	00	-23	-29	-30	7
16	UNL	15		1000.1	W	10	-28	-28	-36	2
17	UNL	15		1012.9	W	05	-29	-29	-37	0
18	UNL	15		1026.6	W	04	-32	-32	-41	5
19	UNL	15		1030.7	NW	03	-33	-34	-42	4
20	UNL	15		1040.9	C	00	-38			0
21	UNL	15		1048.2	C	00	-40			0
22	UNL	15		1037.9	SW	04	-30	-30	-36	0
23	030	10	S-	1017.6	C	00	-20	-20	-27	10
24	020	05	S-	1013.2	W	05	-26	-26	-32	10
25	UNL	15		1021.1	N	02	-30	-30	-36	2
26	002	00	3/4IF	1001.3	N	10	-29	-29	-35	10
27	UNL	15		1014.0	C	00	-33	-33	-39	0
28	030	15		1007.0	SSW	15	-17	-17	-25	7
29	050	10		1015.3	SSW	29	-04	-04	-10	8
30	UNL	15		1021.5	C	00	-27	-27	-38	0
31	050	00	1/2BS	1001.0	SSW	70	05	04	-04	7
AVG				1021.3		08	-27	-27	-35	05

ALERT NWT JANUARY 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.0	W	10	-15	-16	-23	2
02	UNL	15		1037.0	W	05	-24	-24	-34	1
03	UNL	15		1035.1	C	00	-28	-28	-39	0
04	050	15		1015.2	W	05	-24	-24	-34	7
05	020	08	S-	1021.8	C	00	-22	-22	-29	10
06	UNL	15		1028.9	W	07	-33	-33	-46	1
07	UNL	15		1025.0	W	09	-31	-32	-47	0
08	UNL	15		1029.9	C	00	-31	-32	-43	0
09	100	15	S-	1027.3	NW	08	-31	-31	-40	10
10	060	15	S-	1020.3	WNW	13	-28	-28	-34	8
11	UNL	15		1029.5	C	00	-35	-35	-41	0
12	UNL	15		1030.7	E	05	-40			10
13	050	10	S-	1020.5	N	06	-25	-25	-31	10
14	000	00	BS	1007.6	SSW	80	03	04	02	10
15	004	00	3/4IF	991.5	N	20	-19	-19	-24	10
16	UNL	15		1002.4	W	10	-27	-27	-33	1
17	UNL	15		1015.5	W	07	-30	-30	-39	0
18	UNL	15		1026.7	W	08	-32	-32	-38	2
19	UNL	15		1031.5	W	10	-33	-33	-42	0
20	UNL	15		1042.4	C	00	-39			0
21	UNL	15		1048.1	W	04	-38			0
22	UNL	15		1034.7	C	00	-26	-26	-34	0
23	030	15	S-	1016.9	C	00	-20	-20	-27	10
24	020	10	S-	1014.2	C	00	-27	-27	-35	10
25	UNL	15		1020.6	C	00	-33	-33	-47	0
26	020	05	S-	1001.0	NNW	03	-26	-26	-32	10
27	UNL	15		1014.9	C	00	-36			0
28	030	15		1006.3	SW	40	-12	-12	-18	7
29	UNL	15		1016.1	SW	40	-05	-06	-12	2
30	UNL	15		1020.3	W	06	-28	-28	-39	0
31	050	15		1007.5	SW	40	00	00	-06	10
AVG				1021.3		11	-26	-26	-34	04

ALERT NWT JANUARY 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.2	W	10	-19	-20	-29	2
02	UNL	15		1038.9	W	10	-25	-25	-35	3
03	UNL	15		1033.2	C	00	-27	-27	-38	0
04	050	15		1009.0	W	06	-25	-25	-35	10
05	020	08	S-	1025.3	NW	05	-21	-21	-30	10
06	UNL	15		1028.0	C	00	-30	-30	-42	0
07	UNL	15		1025.3	W	08	-32	-32	-49	0
08	UNL	15		1028.8	C	00	-32	-32	-49	0
09	100	15	S-	1026.6	W	05	-33	-33	-39	10
10	060	05	S-	1022.7	N	08	-28	-28	-34	10
11	UNL	15	IC	1022.6	C	00	-35	-35	-41	0
12	UNL	15		1029.8	C	00	-38			10
13	040	08	S-	1020.2	N	08	-27	-27	-33	10
14	UNL	05	BS	1009.3	SW	40	01	01	-01	3
15	002	00	1/2BS	992.5	NW	35	-23	-23	-30	10
16	UNL	15		1004.4	W	05	-25	-25	-31	9
17	UNL	15		1018.1	W	06	-30	-30	-36	0
18	UNL	15		1026.7	W	12	-32	-32	-38	2
19	UNL	15		1032.1	C	00	-33	-33	-39	0
20	UNL	15		1043.2	C	00	-38			0
21	UNL	15		1047.6	C	00	-42			0
22	UNL	15		1030.5	C	00	-23	-24	-32	0
23	030	10	S-	1016.9	NW	03	-23	-23	-32	10
24	020	10	S-	1014.9	NNW	06	-28	-29	-36	7
25	UNL	15		1019.6	NW	03	-35	-35	-49	0
26	020	09	S-	1002.2	C	00	-26	-26	-32	10
27	UNL	15		1015.5	C	00	-37			0
28	030	15		1006.3	SW	30	-11	-12	-23	10
29	050	10		1016.4	SW	38	-06	-07	-14	6
30	UNL	15		1018.2	NW	06	-25	-25	-33	0
31	050	15		1011.0	SW	45	-02	-03	-11	10
AVG				1021.5		09	-26	-26	-34	04

ALERT NWT JANUARY 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.7	W	12	-20	-21	-30	2
02	UNL	15	IC	1040.6	W	06	-26	-26	-36	2
03	UNL	15		1030.7	C	00	-28	-28	-36	0
04	020	10	S-	1005.5	W	12	-20	-20	-27	10
05	020	06	S-	1027.3	C	00	-17	-17	-22	10
06	UNL	15		1027.5	C	00	-30	-30	-42	0
07	UNL	15		1028.8	C	00	-30	-31	-45	0
08	UNL	15		1028.6	NW	04	-34	-34	-48	8
09	100	15		1025.8	W	04	-34	-34	-40	10
10	060	05	S-	1024.6	C	00	-30	-30	-36	10
11	UNL	15		1023.1	E	08	-38			3
12	UNL	15	IC	1028.9	E	09	-39			8
13	UNL	15		1021.1	N	08	-30	-30	-36	4
14	UNL	15		1012.1	N	25	-19	-19	-24	2
15	002	00	1/2IF	993.1	NW	15	-22	-22	-25	10
16	UNL	15		1005.8	SW	07	-27	-27	-33	0
17	UNL	15		1019.5	W	08	-30	-30	-34	2
18	UNL	15		1026.7	W	12	-34	-34	-40	2
19	UNL	15		1032.8	C	00	-36			0
20	UNL	15		1043.6	C	00	-38			0
21	UNL	15	IC	1046.2	C	00	-35	-35	-45	0
22	UNL	15		1027.6	C	00	-22	-22	-31	0
23	030	10	S-	1016.2	N	07	-23	-23	-32	10
24	020	10	S-	1016.5	C	00	-28	-28	-36	7
25	UNL	15	IC	1017.5	C	00	-35	-35	-49	0
26	020	05	S-	1003.8	C	00	-25	-25	-31	10
27	UNL	15		1015.2	E	06	-38			0
28	UNL	15		1006.5	SW	25	-05	-06	-15	2
29	UNL	15		1016.4	SW	35	-08	-09	-18	2
30	UNL	15		1013.8	NW	08	-18	-18	-29	4
31	050	15		1013.4	SW	35	-02	-03	-11	10
AVG				1021.5		08	-27	-27	-35	04

ALERT NWT JANUARY 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1030.3	W	05	-22	-22	-33	5
02	UNL	15	IC	1041.5	W	05	-26	-26	-36	2
03	UNL	15		1029.0	C	00	-21	-21	-30	0
04	020	06	S-	1004.4	NW	12	-20	-20	-27	10
05	080	15		1029.3	NW	12	-24	-24	-30	10
06	UNL	15		1027.3	C	00	-30	-30	-42	0
07	UNL	15		1026.4	W	06	-32	-32	-49	0
08	UNL	15		1029.8	C	00	-31	-31	-43	5
09	010	15	S-	1025.0	WSW	07	-31	-31	-37	10
10	080	15	S-	1025.0	C	00	-30	-30	-36	10
11	UNL	15	IC	1024.6	C	00	-35	-35	-41	0
12	080	15	IC	1027.3	C	00	-36			9
13	080	15		1018.9	NW	06	-31	-31	-37	6
14	UNL	15		1012.7	SW	05	-24	-24	-30	1
15	UNL	15		994.5	NW	20	-24	-24	-29	3
16	UNL	15		1006.5	W	10	-28	-28	-34	0
17	UNL	15		1022.3	C	00	-30	-30	-36	2
18	UNL	15		1027.0	W	10	-31	-31	-37	1
19	UNL	15		1034.1	C	00	-36			0
20	UNL	15		1045.1	C	00	-39			0
21	UNL	15	IC	1044.3	W	05	-37			0
22	UNL	15		1024.9	C	00	-20	-20	-29	0
23	030	10	S-	1019.8	N	08	-23	-23	-32	10
24	020	10	S-	1017.3	W	06	-27	-27	-35	9
25	UNL	15	IC	1014.2	W	07	-33	-33	-47	0
26	020	10	S-	1006.4	NE	09	-26	-26	-32	10
27	UNL	15		1014.4	NE	05	-38			0
28	UNL	03	BS	1005.4	SSW	35	-05	-05	-16	5
29	UNL	15		1017.9	SW	20	-10	-11	-23	3
30	050	15		1009.1	W	13	-19	-19	-24	7
31	UNL	15		1016.8	NW	13	-14	-14	-24	1
AVG				1021.5		07	-27	-27	-35	04

ALERT NWT JANUARY 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	060	15	S-	1030.8	W	07	-21	-21	-26	8
02	UNL	15		1041.5	W	08	-29	-30	-44	0
03	UNL	15		1025.5	SSW	15	-18	-18	-30	0
04	020	06	S-	1006.2	NE	07	-21	-21	-30	10
05	UNL	15	S-	1031.3	C	00	-28	-28	-34	10
06	UNL	15		1026.6	W	10	-30	-30	-42	0
07	UNL	15		1026.4	W	08	-31	-31	-43	0
08	UNL	15		1027.1	C	00	-31	-31	-43	10
09	010	02	S-	1022.7	C	00	-29	-29	-37	10
10	UNL	15		1025.2	C	00	-30	-30	-36	0
11	UNL	15		1026.5	C	00	-39			0
12	080	15		1025.3	C	00	-33	-33	-42	9
13	080	15	S-	1017.4	NW	09	-30	-30	-36	8
14	UNL	15		1008.8	C	00	-24	-24	-30	2
15	UNL	15		996.3	SW	04	-29	-29	-40	0
16	UNL	15		1007.8	W	08	-30	-30	-39	0
17	UNL	15	IC	1024.5	W	04	-31	-32	-43	0
18	UNL	15	IC	1027.9	C	00	-29	-29	-44	5
19	UNL	15	IC	1035.4	W	03	-36			0
20	UNL	15		1046.0	C	00	-41			0
21	UNL	15		1043.2	C	00	-38			0
22	UNL	15		1029.7	C	00	-27	-27	-33	0
23	UNL	10	S-	1015.6	NW	10	-25	-25	-31	4
24	020	08	S-	1019.1	C	00	-26	-26	-32	7
25	UNL	15	IC	1010.2	W	07	-32	-32	-38	2
26	UNL	15	IC	1008.2	C	00	-26	-26	-32	2
27	UNL	15	IC	1013.3	W	04	-42			0
28	050	10		1008.0	SW	15	-03	-04	-08	6
29	UNL	15		1019.1	SW	23	-14	-14	-23	0
30	UNL	15		1003.9	W	13	-14	-14	-24	10
31	UNL	15		1019.8	N	05	-16	-16	-20	0
AVG				1021.4		05	-28	-28	-36	03

ALERT NWT JANUARY 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1031.6	W	06	-21	-21	-26	2
02	UNL	15		1040.7	W	06	-30	-30	-45	0
03	UNL	15		1022.8	SSW	09	-16	-16	-27	2
04	020	06	S-	1009.6	NE	09	-22	-22	-29	10
05	UNL	15	IC	1031.3	C	00	-27	-27	-35	0
06	UNL	15		1025.8	W	05	-31	-31	-41	0
07	UNL	15		1027.3	W	08	-30	-30	-42	2
08	UNL	15		1026.9	W	08	-31	-31	-43	10
09	020	10	S-	1020.3	C	00	-29	-29	-34	10
10	UNL	15		1025.2	NW	05	-33	-33	-36	0
11	UNL	15		1029.5	C	00	-40			0
12	060	15		1022.7	W	09	-29	-29	-35	10
13	030	15	S-	1016.0	SW	09	-29	-29	-37	10
14	080	15	S-	1004.7	N	05	-24	-24	-32	8
15	UNL	15		997.3	W	05	-26	-26	-36	0
16	UNL	15	IC	1009.0	W	09	-31	-31	-40	0
17	UNL	15	IC	1025.7	C	00	-31	-31	-43	0
18	UNL	15		1028.7	W	12	-31	-31	-43	5
19	UNL	15	IC	1037.2	C	00	-37			0
20	UNL	15		1046.7	C	00	-41			0
21	UNL	15		1041.3	W	08	-33	-33	-39	2
22	UNL	15		1020.8	W	10	-27	-27	-33	0
23	030	10	S-	1014.4	S	04	-25	-25	-31	10
24	020	08	S-	1020.1	C	00	-29	-29	-35	7
25	UNL	15	IC	1005.9	C	00	-31	-31	-37	2
26	UNL	15	IC	1010.4	C	00	-27	-27	-33	1
27	UNL	15	IC	1011.2	C	00	-40			0
28	000	00	1/4BS	1009.9	SSW	39	-03	-03	-08	10
29	UNL	15		1020.6	SW	25	-10	-10	-19	0
30	050	15	S-	1000.8	E	08	-13	-13	-23	7
31	UNL	15	IC	1023.0	C	00	-17	-17	-21	4
AVG				1021.2		06	-27	-27	-35	04

SYNOPTIC OBSERVATIONS

ALERT

ALERT NWT FEBRUARY 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15	IC	1024.9	C	00	-18	-18	-22	4
02	UNL	15		1028.0	W	09	-24	-28	-36	2
03	UNL	15		1041.1	SSW	02	-26	-26	-32	0
04	UNL	15		1027.4	SW	30	03	02	-15	4
05	UNL	10		1015.0	SSW	55	31	29	24	10
06	UNL	15		1012.5	SSW	50	28	25	19	4
07	100	15		1039.4	NW	10	-12	-12	-21	7
08	UNL	15		1036.4	C	00	-10	-11	-19	10
09	050	01	BS	1008.9	SSW	50	10	08	-03	10
10	UNL	05	IF	1031.2	C	00	-15	-15	-20	10
11	030	05	S-	1014.7	NW	13	-15	-15	-23	10
12	020	04	S-	1024.9	N	09	-29	-29	-35	10
13	010	01	S-	1022.3	N	05	-31	-31	-40	10
14	020	08	S-	1026.5	C	00	-35	-35	-41	9
15	UNL	15		1020.8	W	06	-36			0
16	UNL	15	IC	1016.0	WNW	09	-39			0
17	UNL	15	S-	1015.4	C	00	-32	-32	-41	5
18	UNL	05	IC	1023.1	C	00	-35	-35	-41	2
19	UNL	15		1025.0	C	00	-36			0
20	UNL	06	IF	1028.5	C	00	-30	-30	-36	1
21	030	06	S-	1037.6	W	10	-26	-26	-32	10
22	UNL	15		1039.1	W	08	-26	-26	-36	0
23	UNL	15		1029.9	W	12	-19	-19	-27	0
24	UNL	15		1014.0	W	12	-21	-21	-28	0
25	UNL	10	IC	1006.1	NW	09	-23	-23	-27	0
26	015	04	S-	1007.8	C	00	-30	-30	-39	9
27	UNL	15		1012.0	C	00	-34	-34	-48	4
28	020	08	S-	1018.0	W	06	-32	-32	-41	8
AVG				1023.1		11	-20	-20	-28	05

ALERT NWT FEBRUARY 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1027.7	N	06	-20	-20	-24	4
02	UNL	15	IC	1028.2	SW	03	-21	-21	-34	4
03	UNL	15		1042.5	SW	02	-26	-26	-34	0
04	UNL	15		1025.8	SW	44	11	09	-02	5
05	100	10		1014.3	SSW	60	32	30	26	10
06	008	02	S-	1021.2	NNW	25	07	07	03	10
07	100	15		1040.0	W	06	-13	-13	-20	6
08	UNL	15		1036.0	W	05	-13	-14	-23	8
09	050	15		1013.2	N	06	00	-01	-08	10
10	UNL	15		1032.0	E	10	-17	-17	-23	2
11	030	08		1015.7	NW	23	-17	-17	-25	10
12	020	04	S-	1024.7	C	00	-30	-30	-36	10
13	015	08	IC	1023.1	N	09	-34	-34	-44	8
14	UNL	15	IC	1026.3	C	00	-32	-33	-41	4
15	UNL	15	IC	1020.3	C	00	-32	-32	-38	0
16	UNL	15	IC	1015.8	WNW	06	-39			0
17	UNL	04	F	1015.5	C	00	-34	-34	-44	4
18	UNL	05	IC	1025.1	C	00	-36			2
19	UNL	15		1024.7	C	00	-37			0
20	040	08		1030.3	C	00	-32	-32	-38	6
21	030	06	S-	1038.8	W	13	-22	-22	-27	10
22	UNL	06	IF	1037.5	C	00	-20	-20	-25	0
23	UNL	15		1028.8	W	07	-20	-20	-29	0
24	UNL	15		1012.3	W	10	-21	-21	-28	0
25	UNL	04	IC	1006.1	C	00	-25	-25	-31	0
26	UNL	05	IC F	1008.3	C	00	-30	-30	-39	4
27	UNL	15		1013.5	W	04	-32	-32	-45	3
28	UNL	15		1017.6	W	05	-31	-31	-40	4
AVG				1023.8		09	-21	-21	-28	04

ALERT NWT FEBRUARY 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.3	SW	05	-22	-29	-33	0
02	UNL	15		1028.7	C	00	-22	-22	-29	2
03	UNL	15		1042.2	C	00	-26	-26	-34	3
04	UNL	15		1024.8	SW	18	17	14	03	5
05	100	10		1015.8	SSW	50	31	30	26	6
06	019	08	S-	1027.6	NE	11	03	03	-02	10
07	UNL	15		1039.3	W	09	-17	-17	-28	2
08	UNL	15		1035.0	C	00	-15	-16	-23	5
09	015	04	S-	1015.6	C	00	-02	-03	-10	10
10	UNL	15		1031.0	W	08	-20	-20	-32	2
11	020	04	BS	1017.8	NW	30	-22	-22	-27	10
12	UNL	04	IF	1023.4	W	10	-31	-32	-43	1
13	020	05	IC	1024.0	C	00	-36			8
14	UNL	15	IC	1026.1	C	00	-34	-34	-48	4
15	UNL	15		1019.5	W	05	-34	-34	-48	2
16	UNL	15	IC	1015.6	W	04	-37			0
17	030	15		1016.0	C	00	-32	-32	-49	7
18	UNL	15	IC	1026.5	C	00	-39			1
19	UNL	15		1024.1	C	00	-34	-34	-44	0
20	040	04	S-	1032.0	W	08	-31	-31	-47	10
21	030	03	S-	1040.4	NW	04	-21	-21	-34	10
22	019	03	S-	1036.2	C	00	-20	-21	-30	10
23	UNL	15		1027.0	W	07	-23	-23	-35	2
24	030	06	S-	1011.1	W	10	-18	-18	-26	8
25	010	04	S-F	1006.4	NW	10	-20	-21	-32	10
26	020	10		1009.0	C	00	-31	-31	-47	6
27	UNL	15		1015.0	W	05	-32	-32	-49	3
28	UNL	15		1017.6	W	15	-36			2
AVG				1024.2		07	-22	-22	-33	05

ALERT NWT FEBRUARY 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1031.3	W	07	-21	-22	-32	1
02	UNL	15		1029.9	C	00	-24	-24	-32	2
03	UNL	15		1040.6	E	04	-20	-20	-29	5
04	UNL	15		1022.5	SW	35	17	14	03	5
05	UNL	15		1017.6	SW	20	29	27	23	5
06	015	04	S-	1031.5	NW	06	00	00	-04	10
07	UNL	15		1038.4	W	06	-15	-16	-27	2
08	UNL	15		1032.7	W	08	-16	-16	-24	1
09	015	04	S-	1016.7	N	10	-05	-05	-12	10
10	UNL	15		1027.3	C	00	-18	-18	-26	4
11	030	03	BS	1020.0	NW	30	-28	-28	-34	10
12	UNL	15		1022.2	W	07	-31	-31	-43	1
13	025	04	IF	1025.1	C	00	-36			10
14	UNL	15		1025.5	W	05	-33	-33	-46	4
15	UNL	15		1019.3	W	08	-33	-33	-46	2
16	UNL	15	IC	1015.8	C	00	-35	-35	-45	0
17	UNL	04	F	1016.6	C	00	-31	-31	-47	8
18	UNL	15		1027.2	C	00	-39			0
19	UNL	15		1024.8	W	04	-35	-35	-45	1
20	040	04	S-	1033.0	C	00	-30	-30	-42	10
21	UNL	05	F	1041.3	C	00	-26	-26	-39	5
22	015	03	S-	1035.0	C	00	-20	-21	-30	10
23	UNL	15		1025.1	W	12	-18	-18	-30	1
24	015	08		1009.0	W	12	-19	-19	-26	9
25	015	04	S-F	1006.1	C	00	-19	-19	-27	10
26	020	10		1008.8	C	00	-32	-32	-45	6
27	UNL	15		1016.2	W	05	-34	-34	-48	3
28	UNL	15		1017.7	W	15	-37			2
AVG				1024.2		07	-22	-22	-32	05

ALERT NWT FEBRUARY 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1031.6	W	06	-21	-21	-30	1
02	UNL	15		1031.2	C	00	-25	-25	-33	2
03	100	15		1037.0	SW	30	00	00	-06	10
04	UNL	15		1018.0	SSW	60	21	18	07	5
05	UNL	15		1015.4	SSW	42	30	27	22	2
06	UNL	15		1033.0	SW	24	02	00	-12	2
07	UNL	15		1037.9	C	00	-13	-14	-24	2
08	UNL	15		1028.4	W	08	-20	-20	-29	3
09	015	04	S-	1018.8	WNE	06	-07	-07	-14	10
10	UNL	15		1023.1	W	07	-21	-21	-30	4
11	010	01	S-IF	1022.6	N	15	-28	-28	-34	10
12	UNL	15		1021.5	C	00	-34	-34	-48	1
13	020	03	SG-IF	1025.5	C	00	-36			10
14	UNL	15		1025.1	C	00	-30	-30	-39	2
15	UNL	15		1018.8	W	07	-31	-31	-40	4
16	UNL	15		1015.2	C	00	-29	-30	-40	1
17	060	10		1016.9	C	00	-31	-31	-37	6
18	UNL	10		1027.8	C	00	-39			1
19	010	15		1025.8	W	06	-36			7
20	UNL	05	S-	1033.9	C	00	-31	-31	-47	6
21	030	04	S-	1041.8	C	00	-24	-24	-36	8
22	015	05	S-	1033.9	W	05	-20	-21	-30	9
23	UNL	15		1022.8	W	04	-20	-20	-30	1
24	UNL	15		1008.1	NW	16	-20	-20	-29	1
25	010	04	S-F	1006.1	N	06	-19	-19	-27	10
26	020	10		1008.9	C	00	-32	-32	-45	6
27	UNL	15		1017.2	W	05	-33	-33	-46	4
28	UNL	15		1017.5	W	12	-36			1
AVG				1023.7		09	-21	-21	-31	05

ALERT NWT FEBRUARY 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1031.2	C	00	-17	-17	-26	1
02	UNL	15		1033.2	C	00	-22	-22	-29	2
03	100	15		1034.7	S	17	01	00	-10	10
04	UNL	15		1016.7	SSW	60	30	26	16	5
05	UNL	15		1016.0	SSW	35	30	27	23	2
06	UNL	15		1035.3	W	07	-01	-02	-14	2
07	UNL	15		1037.8	SE	03	-12	-12	-23	2
08	UNL	15		1021.9	NW	08	03	02	-07	2
09	015	04	S-	1023.1	NE	08	-11	-11	-18	10
10	UNL	15		1019.3	SW	06	-20	-20	-29	4
11	020	04	IF	1024.5	N	10	-28	-28	-34	10
12	UNL	15		1021.8	W	10	-36			1
13	UNL	02	IF	1026.3	W	05	-36			8
14	UNL	15		1024.4	C	00	-32	-32	-45	2
15	030	15		1018.3	W	07	-30	-30	-40	7
16	UNL	15		1015.4	C	00	-31	-31	-43	1
17	UNL	05	IF	1017.7	C	00	-31	-31	-37	5
18	UNL	15		1027.7	C	00	-37			0
19	UNL	15		1026.6	C	00	-32	-32	-45	4
20	030	04	S-	1034.3	C	00	-31	-31	-47	10
21	030	04	S-	1041.6	W	05	-25	-25	-35	8
22	UNL	15		1033.9	W	09	-20	-21	-30	1
23	UNL	15		1020.6	W	09	-18	-18	-30	1
24	UNL	15		1007.7	NW	12	-21	-21	-30	1
25	015	04	SG-F	1006.3	N	05	-22	-22	-31	10
26	UNL	10		1009.9	W	06	-34	-34	-48	5
27	UNL	15		1018.2	W	05	-34	-34	-48	5
28	UNL	15		1017.3	W	10	-36			0
AVG				1023.6		08	-20	-20	-30	04

ALERT NWT FEBRUARY 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1030.1	W	11	-27	-27	-41	0
02	UNL	15		1035.3	C	00	-27	-27	-33	3
03	UNL	15		1030.5	SW	45	03	02	-11	2
04	005	05	BS	1014.2	SSW	60	28	26	23	10
05	UNL	15		1014.8	SSW	30	28	26	21	2
06	UNL	15		1036.9	W	14	-08	-08	-15	3
07	100	15		1037.6	W	07	-12	-13	-23	10
08	050	15		1017.0	NW	25	08	08	03	10
09	UNL	15		1026.1	S	09	-14	-14	-21	5
10	030	15	S-	1016.2	SW	03	-16	-16	-24	10
11	020	04	S-	1025.6	W	09	-29	-29	-35	10
12	015	04	S-	1021.9	C	00	-30	-30	-42	7
13	020	02	S-	1026.8	SE	07	-36			10
14	UNL	15		1023.1	C	00	-32	-32	-38	0
15	UNL	15		1017.5	W	09	-34	-34	-44	3
16	UNL	15		1014.6	C	00	-29	-29	-37	4
17	UNL	10		1018.7	C	00	-32	-32	-41	4
18	UNL	15		1027.1	C	00	-37			0
19	040	15		1027.2	C	00	-32	-32	-41	8
20	UNL	08		1036.3	W	08	-32	-32	-41	4
21	UNL	10		1041.6	W	04	-23	-23	-35	0
22	UNL	15		1032.7	W	07	-20	-20	-29	1
23	UNL	15		1018.9	W	08	-18	-19	-28	0
24	UNL	15	IC	1007.0	N	15	-14	-14	-17	0
25	UNL	04	IC F	1006.9	N	05	-26	-26	-36	4
26	UNL	10		1010.5	W	09	-34	-34	-48	5
27	UNL	08	S-	1018.4	C	00	-32	-32	-41	7
28	UNL	15		1016.7	W	08	-33	-33	-42	0
AVG				1023.2		10	-20	-20	-28	04

ALERT NWT FEBRUARY 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1028.6	W	09	-22	-22	-33	0
02	UNL	15		1038.6	NW	07	-29	-29	-35	3
03	100	15		1029.1	SW	15	03	02	-11	10
04	100	10		1014.5	SSW	55	30	28	25	10
05	UNL	15		1011.4	SSW	60	28	26	21	2
06	UNL	15		1038.1	W	10	-11	-12	-20	3
07	100	15		1036.1	W	04	-11	-11	-17	10
08	050	15		1010.3	SW	60	11	09	-02	10
09	UNL	15		1028.1	NW	15	-13	-13	-20	10
10	030	15	S-	1014.8	W	10	-17	-17	-25	10
11	020	04	S-	1025.6	C	00	-29	-29	-35	10
12	015	06	IC	1022.2	C	00	-33	-33	-46	6
13	020	04	S-	1026.5	C	00	-36			10
14	UNL	15		1021.6	C	00	-33	-33	-39	0
15	UNL	03	F	1016.7	W	07	-37			3
16	UNL	15		1014.9	C	00	-32	-33	-41	4
17	UNL	10		1020.6	C	00	-35	-35	-41	4
18	UNL	15		1025.9	C	00	-38			0
19	040	15		1028.4	W	05	-31	-31	-40	7
20	UNL	08		1037.2	W	10	-29	-29	-37	9
21	UNL	15		1040.9	C	00	-27	-27	-38	2
22	UNL	15		1031.2	W	15	-19	-19	-27	1
23	UNL	15		1016.5	W	08	-18	-19	-28	0
24	UNL	15	IC	1006.0	NNW	11	-17	-17	-20	0
25	015	04	IC F	1007.2	C	00	-30	-30	-39	6
26	UNL	15		1011.0	W	05	-33	-33	-46	3
27	020	08	S-	1018.4	C	00	-31	-31	-40	8
28	UNL	15	IC	1014.9	W	09	-35	-35	-45	0
AVG				1022.7		11	-21	-21	-29	05

SYNOPTIC OBSERVATIONS

ALERT

ALERT NWT
MARCH 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15	IC	1011.6	W	12	-36			0
02	UNL	15	IC	1007.9	N	09	-24	-24	-32	0
03	UNL	15		1009.2	W	07	-34	-34	-44	0
04	UNL	15		1009.9	W	05	-33	-33	-46	0
05	UNL	15		1011.6	C	00	-32	-32	-38	0
06	UNL	15		1010.2	W	10	-30	-30	-39	5
07	UNL	15		1013.5	C	00	-25	-25	-33	0
08	UNL	15		1012.2	C	00	-27	-27	-38	0
09	UNL	15		1015.3	C	00	-25	-25	-35	0
10	UNL	15		1012.0	C	00	-28	-28	-39	0
11	UNL	15		1018.2	E	05	-26	-26	-32	0
12	UNL	15		1027.1	W	05	-39			2
13	UNL	15		1025.5	W	10	-36			0
14	UNL	15		1020.5	C	00	-32	-32	-41	0
15	020	05	S-F	1009.6	C	00	-23	-25	-29	10
16	UNL	15		1018.4	E	05	-26	-26	-32	4
17	UNL	15		1018.1	SW	30	-12	-15	-20	2
18	UNL	15		1018.3	NW	04	-23	-25	-32	2
19	080	08	S-	1026.4	W	07	-24	-24	-30	10
20	UNL	15		1038.0	C	00	-27	-28	-41	0
21	UNL	15		1032.8	C	00	-28	-28	-39	0
22	UNL	15		1027.6	C	00	-32	-32	-45	1
23	090	01	IF	1009.0	NW	18	-27	-27	-35	9
24	UNL	02	BS	1001.1	N	20	-30	-30	-39	6
25	UNL	15		1008.3	C	00	-20	-20	-29	2
26	UNL	15		1007.9	W	08	-28	-28	-39	5
27	080	15		1010.8	C	00	-26	-27	-39	8
28	UNL	15		1020.9	W	06	-28	-28	-39	0
29	UNL	15		1015.6	C	00	-29	-29	-40	0
30	UNL	15		1009.1	C	00	-29	-30	-44	0
31	UNL	15		1007.1	W	09	-28	-28	-36	0
AVG				1015.6		05	-28	-28	-37	02

ALERT NWT
MARCH 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	08	IC	1007.5	WNW	18	-32	-32	-41	1
02	UNL	08	IC	1011.0	N	08	-28	-28	-36	2
03	UNL	15		1007.1	W	07	-34	-34	-44	0
04	UNL	15		1010.4	W	06	-35	-35	-41	0
05	UNL	15		1011.5	C	00	-31	-31	-40	0
06	UNL	15		1010.6	W	08	-28	-28	-39	9
07	UNL	15		1013.7	C	00	-24	-24	-30	0
08	UNL	15		1012.9	C	00	-27	-27	-38	0
09	UNL	15		1015.3	C	00	-25	-25	-35	0
10	UNL	15		1010.4	C	00	-25	-25	-35	0
11	UNL	15		1020.2	C	00	-27	-27	-35	0
12	UNL	15		1026.8	W	04	-38			1
13	UNL	15		1024.6	C	00	-33	-33	-51	1
14	UNL	15		1019.1	W	05	-32	-32	-41	1
15	015	08		1009.8	W	04	-23	-23	-29	10
16	100	15		1019.0	N	10	-25	-25	-37	9
17	UNL	15		1016.3	SW	35	-15	-15	-23	2
18	UNL	15		1019.8	C	00	-21	-21	-30	1
19	UNL	15		1028.3	W	07	-27	-27	-35	3
20	UNL	15		1038.4	C	00	-27	-28	-41	0
21	UNL	15		1032.5	C	00	-28	-28	-39	0
22	UNL	15		1025.9	W	10	-33	-33	-46	0
23	030	02	IF	1009.1	NNW	15	-27	-27	-35	10
24	030	03	IF	1001.3	NW	16	-29	-29	-37	9
25	UNL	15		1009.5	C	00	-21	-21	-30	5
26	UNL	15		1007.4	W	10	-29	-29	-37	5
27	UNL	15		1012.6	C	00	-27	-28	-41	0
28	UNL	15		1020.9	C	00	-28	-28	-39	0
29	UNL	15		1014.2	C	00	-29	-30	-44	0
30	UNL	15		1009.7	C	00	-29	-30	-44	0
31	UNL	15		1005.7	C	00	-25	-25	-33	0
AVG				1015.5		05	-28	-28	-37	02

ALERT NWT
MARCH 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1003.4	NW	13	-34	-34	-44	2
02	UNL	15		1013.9	W	05	-33	-33	-43	0
03	UNL	15		1005.8	W	02	-33	-33	-42	1
04	UNL	15		1010.8	W	08	-34	-34	-44	0
05	UNL	15		1011.2	C	00	-32	-32	-41	1
06	UNL	15		1010.9	W	08	-30	-30	-39	3
07	020	15		1013.1	W	04	-23	-25	-32	9
08	UNL	15		1013.4	C	00	-27	-27	-35	1
09	UNL	15		1014.8	W	04	-27	-27	-35	1
10	UNL	15		1007.5	SW	03	-24	-24	-30	3
11	040	05	F	1021.1	C	00	-27	-27	-35	8
12	UNL	15		1026.7	C	00	-35	-35	-45	1
13	UNL	15		1024.1	C	00	-30	-30	-39	1
14	100	05	F	1018.0	W	09	-30	-30	-42	10
15	UNL	15		1010.0	SW	28	-12	-12	-18	3
16	100	08		1019.1	SW	31	-14	-14	-19	9
17	UNL	15		1016.0	NW	10	-24	-24	-36	0
18	UNL	15		1020.5	C	00	-25	-26	-38	2
19	UNL	15		1029.8	C	00	-26	-26	-36	2
20	UNL	15		1038.2	C	00	-27	-28	-41	0
21	UNL	15		1031.8	C	00	-30	-30	-45	0
22	UNL	15		1023.9	C	00	-34	-34	-48	0
23	050	03	IF	1009.3	N	20	-28	-28	-34	10
24	030	01	IF	1000.8	NW	23	-24	-24	-30	10
25	200	15		1010.0	C	00	-22	-22	-33	10
26	UNL	15		1007.0	W	04	-27	-27	-38	10
27	UNL	15		1015.5	C	00	-27	-27	-41	1
28	UNL	15		1020.1	W	03	-28	-28	-39	1
29	UNL	15		1013.1	W	03	-32	-32	-49	0
30	UNL	15		1008.1	C	00	-26	-27	-39	8
31	UNL	15		1005.7	C	00	-27	-28	-41	0
AVG				1015.3		06	-28	-28	-38	04

ALERT NWT
MARCH 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	01	IF	1003.1	N	08	-30	-30	-42	5
02	UNL	15		1014.6	C	00	-27	-27	-38	0
03	UNL	15		1005.8	C	00	-33	-33	-42	0
04	UNL	15		1011.1	W	07	-34	-34	-44	0
05	UNL	15		1010.9	C	00	-32	-32	-41	1
06	UNL	15		1011.9	W	07	-29	-29	-37	4
07	020	15		1012.2	C	00	-21	-21	-30	10
08	UNL	15		1013.7	C	00	-26	-26	-34	2
09	UNL	15		1013.8	C	00	-27	-27	-35	0
10	UNL	15		1004.6	SW	40	-04	-05	-10	4
11	UNL	15		1022.4	W	02	-29	-29	-37	3
12	UNL	15		1026.8	W	07	-40			1
13	UNL	15		1023.7	C	00	-31	-31	-43	1
14	100	10		1015.8	W	06	-29	-30	-40	10
15	UNL	15		1011.4	SW	32	-15	-14	-23	2
16	100	02	BS	1020.2	SW	38	-14	-14	-19	10
17	UNL	15		1015.2	C	00	-24	-25	-36	0
18	120	15		1021.2	W	05	-26	-26	-32	7
19	200	06	F	1031.3	C	00	-27	-27	-38	6
20	UNL	15		1037.3	C	00	-29	-29	-40	0
21	UNL	15		1031.4	C	00	-31	-31	-47	0
22	UNL	15		1020.9	C	00	-32	-32	-45	0
23	050	03	IF	1008.9	N	20	-28	-28	-34	9
24	030	02	IF	1002.3	NW	15	-22	-22	-27	10
25	200	15		1009.9	C	00	-21	-21	-32	10
26	UNL	15		1008.4	W	03	-26	-26	-36	10
27	UNL	15		1018.1	SW	04	-27	-27	-41	0
28	UNL	15		1019.4	W	06	-29	-29	-40	0
29	UNL	15		1011.7	W	06	-30	-30	-45	0
30	200	15		1008.2	C	00	-25	-25	-35	8
31	UNL	15		1005.2	C	00	-28	-28	-39	0
AVG				1015.1		07	-27	-27	-37	04

ALERT NWT
MARCH 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1003.5	NNE	08	-32	-32	-41	4
02	UNL	15		1014.6	C	00	-30	-30	-42	0
03	UNL	15		1005.6	C	00	-30	-30	-45	0
04	UNL	15		1011.5	W	08	-38			0
05	UNL	15		1010.7	C	00	-28	-28	-36	1
06	200	15		1012.5	C	00	-29	-29	-37	9
07	100	15		1011.0	W	02	-20	-20	-29	9
08	100	15		1014.4	C	00	-27	-27	-35	9
09	UNL	15		1013.6	SW	02	-28	-28	-36	0
10	UNL	15		1004.6	SW	30	02	01	-05	9
11	UNL	05	F	1023.2	C	00	-27	-27	-35	1
12	UNL	15		1027.5	W	07	-37			0
13	UNL	15		1023.5	C	00	-30	-30	-42	1
14	200	15		1013.8	C	00	-27	-27	-38	10
15	UNL	15		1013.1	SW	25	-16	-16	-25	2
16	200	08		1021.8	SW	23	-16	-16	-21	10
17	UNL	15		1014.6	NE	05	-24	-24	-36	1
18	UNL	15		1021.5	C	00	-26	-26	-36	8
19	200	05	F	1032.8	C	00	-25	-25	-31	6
20	UNL	15		1035.8	C	00	-28	-28	-42	0
21	UNL	15		1031.1	C	00	-29	-30	-40	1
22	UNL	15		1018.0	W	05	-36			2
23	050	03	IF	1007.6	N	20	-28	-28	-34	10
24	030	10		1003.2	N	08	-20	-20	-25	10
25	UNL	15		1009.9	N	02	-22	-22	-33	4
26	200	15		1005.6	C	00	-28	-29	-35	9
27	UNL	15		1019.2	W	03	-26	-26	-39	0
28	UNL	15		1018.9	W	09	-28	-28	-39	0
29	UNL	15		1009.7	W	04	-28	-28	-42	10
30	100	15		1007.1	E	06	-24	-24	-36	7
31	UNL	15		1004.6	C	00	-28	-28	-39	0
AVG				1015.0		05	-26	-26	-36	04

ALERT NWT
MARCH 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	060	15		1003.9	W	04	-30	-30	-36	7
02	UNL	15		1014.1	C	00	-30	-30	-42	0
03	UNL	15		1006.8	SW	08	-37			0
04	UNL	15		1011.5	C	00	-34	-34	-44	1
05	UNL	15		1010.7	W	02	-30	-30	-39	0
06	UNL	15		1013.3	W	03	-27	-27	-35	9
07	030	15		1010.8	C	00	-21	-21	-30	7
08	UNL	08		1014.8	W	07	-26	-26	-34	7
09	UNL	15		1013.8	C	00	-25	-25	-33	1
10	UNL	15		1005.7	SW	29	-04	-05	-15	3
11	UNL	03	F	1024.3	NW	07	-32	-32	-41	1
12	UNL	15		1027.8	W	06	-35	-35	-45	1
13	UNL	15		1024.7	C	00	-29	-29	-40	4
14	200	15		1012.1	W	06	-29	-29	-40	10
15	UNL	08		1016.4	SW	14	-18	-19	-26	4
16	UNL	08		1022.0	SSW	37	-14	-14	-20	9
17	UNL	15		1016.0	C	00	26	26	-36	2
18	100	15		1022.1	C	00	-25	-25	-35	9
19	UNL	15		1034.5	C	00	-24	-24	-34	5
20	UNL	15		1035.1	W	05	-30	-31	-45	0
21	UNL	15		1030.5	C	00	-32	-32	-45	0
22	UNL	01	IF	1014.5	C	00	-36			6
23	050	02	IF	1006.3	N	15	-29	-29	-35	10
24	030	04	IF	1005.1	W	05	-20	-20	-25	10
25	200	15		1009.4	C	00	-24	-24	-36	10
26	200	15		1005.8	C	00	-25	-25	-38	9
27	UNL	15		1020.9	C	00	-27	-27	-41	10
28	UNL	15		1019.0	C	00	-25	-25	-38	0
29	200	15		1009.6	W	09	-31	-31	-47	10
30	UNL	15		1006.3	C	00	-26	-26	-39	10
31	UNL	15		1004.9	C	00	-27	-27	-38	5
AVG				1015.2		05	-25	-25	-35	05

ALERT NWT
MARCH 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	060	15		1004.7	W	05	-28	-28	-36	9
02	UNL	15		1013.1	C	00	-28	-28	-36	0
03	UNL	15		1008.7	C	00	-30	-31	-45	0
04	UNL	15		1012.0	W	02	-34	-34	-48	1
05	UNL	15		1010.7	C	00	-30	-30	-42	0
06	UNL	15		1014.4	C	00	-29	-29	-37	9
07	080	15		1011.7	C	00	-21	-22	-34	7
08	UNL	15		1019.0	C	00	-27	-27	-38	0
09	UNL	15		1015.3	C	00	-22	-23	-33	3
10	UNL	15		1010.4	N	15	-28	-29	-29	3
11	UNL	15		1025.6	NW	12	-35	-35	-45	2
12	UNL	15		1027.6	W	08	-37			0
13	UNL	15		1022.2	C	00	-31	-31	-43	1
14	200	15		1011.2	C	00	-29	-29	-40	10
15	100	15		1016.8	W	10	-27	-27	-33	8
16	UNL	15		1020.3	SW	40	-14	-14	-19	4
17	120	15		1016.4	W	04	-28	-28	-36	9
18	100	15		1029.8	C	00	-24	-24	-30	10
19	UNL	15		1036.2	C	00	-28	-28	-42	1
20	UNL	15		1034.3	W	05	-31	-31	-43	1
21	UNL	15		1029.9	C	00	-28	-28	-42	1
22	200	01	IF	1012.2	NW	08	-33	-33	-39	10
23	200	02	IF	1004.3	N	20	-29	-29	-37	10
24	180	05	SG-IF	1006.1	W	05	-21	-21	-30	8
25	UNL	10		1009.3	NW	15	-29	-30	-44	5
26	UNL	15		1007.0	C	00	-27	-27	-42	3
27	180	15		1021.2	W	10	-27	-27	-38	10
28	UNL	15		1018.6	C	00	-27	-27	-38	0
29	UNL	15		1009.5	C	00	-27	-28	-41	4
30	200	15		1005.2	C	00	-24	-24	-32	10
31	UNL	15		1005.7	C	00	-27	-27	-35	7
AVG				1015.4		05	-28	-28	-38	05

ALERT NWT
MARCH 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	060	15		1006.0	W	05	-28	-28	-36	7
02	UNL	15		1011.5	W	06	-31	-31	-40	0
03	UNL	15		1009.2	C	00	-31	-31	-43	0
04	UNL	15		1012.0	C	00	-32	-32	-45	0
05	UNL	15		1010.7	C	00	-30	-30	-42	0
06	UNL	15		1013.7	C	00	-27	-27	-35	1
07	080	15		1012.0	C	00	-22	-22	-33	7
08	UNL	15		1015.3	W	05	-23	-23	-35	0
09	UNL	15		1013.2	C	00	-26	-26	-36	0
10	UNL	15		1019.3	SE	05	-27	-27	-33	1
11	UNL	15		1027.6	W	06	-37			2
12	UNL	15		1027.0	W	08	-36			0
13	UNL	15		1021.8	W	07	-32	-32	-41	1
14	020	03	S-F	1011.0	C	00	-23	-23	-29	10
15	UNL	15		1017.7	E	05	-26	-26	-32	4
16	UNL	15		1019.7	SW	28	-14	-14	-20	4
17	UNL	15		1017.2	C	00	-26	-26	-36	7
18	080	08	S-	1029.6	C	00	-25	-25	-31	10
19	UNL	15		1037.4	C	00	-26	-26	-39	0
20	UNL	15		1034.0	W	06	-30	-30	-42	1
21	UNL	15		1029.1	C	00	-32	-32	-45	1
22	200	01	IF	1010.1	N	15	-29	-29	-37	10
23	200	01	BS	1002.6	N	25	-30	-30	-39	10
24	100	10		1007.6	W	10	-21	-21	-30	9
25	UNL	15		1008.1	NW	12	-27	-27	-38	5
26	UNL	15		1008.8	C	00	-26	-27	-39	5
27	UNL	15		1021.5	W	05	-27	-27	-38	2
28	UNL	15		1016.6	C	00	-28	-28	-39	0
29	UNL	15		1009.5	C	00	-28	-28	-42	0
30	UNL	15		1004.9	W	08	-28	-28	-36	4
31	UNL	15		1007.2	C	00	-30	-30	-39	0
AVG				1019.6		05	-28	-28	-37	05

SYNOPTIC OBSERVATIONS

ALERT

ALERT NWT
APRIL 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1009.2	C	00	-31	-31	-40	0
02	UNL	04	BS	1011.6	SW	35	-12	-12	-19	1
03	UNL	15		1020.1	SW	10	-33	-33	-39	0
04	UNL	15		1007.6	E	04	-32	-32	-41	2
05	UNL	15		1010.6	C	00	-27	-27	-35	5
06	030	15		1013.5	W	10	-10	-10	-21	8
07	080	15		1024.0	N	04	-20	-20	-32	8
08	100	15		1026.6	SW	05	-22	-22	-39	10
09	UNL	01	BS	1032.4	SW	45	-12	-12	-23	9
10	060	15		1027.3	SW	30	09	08	-02	10
11	040	15		1024.4	SW	25	13	11	-02	10
12	150	15		1016.2	SW	40	23	20	11	10
13	020	10		1037.3	C	00	01	00	-10	10
14	UNL	15		1025.7	NW	12	11	09	-02	0
15	UNL	15		1023.7	W	08	02	01	-06	0
16	005	02	F	1028.1	SW	05	-03	-03	-07	10
17	UNL	15		1033.4	W	04	-15	-15	-20	1
18	UNL	15		1033.9	W	02	-15	-16	-27	1
19	UNL	15		1036.4	C	00	-16	-16	-24	0
20	UNL	15		1026.4	SW	20	09	07	-04	1
21	UNL	15		1018.8	W	08	00	-02	-17	8
22	020	02	S-	1016.5	SW	02	00	-01	-06	10
23	040	10		1021.1	C	00	-09	-10	-15	9
24	UNL	15		1021.3	C	00	-11	-11	-17	1
25	UNL	15		1020.4	W	03	-16	-16	-25	1
26	UNL	15		1017.2	W	03	-12	-12	-29	3
27	UNL	15		1018.2	C	00	-12	-12	-20	4
28	UNL	18		1026.6	C	00	-14	-14	-26	8
29	015	02	S-F	1033.6	SW	02	-12	-12	-19	10
30	UNL	04	S-F	1030.5	W	02	-09	-10	-24	10
AVG				1023.0		09	-09	-10	-19	05

ALERT NWT
APRIL 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1009.4	C	00	-31	-31	-40	0
02	UNL	01	BS	1012.9	SW	30	-16	-17	-22	4
03	UNL	15		1017.9	SW	09	-32	-32	-38	1
04	UNL	15		1009.8	W	07	-35	-35	-45	2
05	UNL	15		1010.7	W	02	-29	-29	-37	1
06	UNL	15		1015.8	W	15	-08	-09	-16	7
07	200	15		1027.4	C	00	-20	-21	-32	9
08	UNL	03	F	1030.1	NW	14	-24	-24	-36	5
09	030	05	BS	1032.2	SW	35	-10	-10	-21	8
10	100	15		1027.0	SW	35	08	07	-01	10
11	030	10	S-	1026.4	W	18	13	11	02	10
12	150	03	BS	1013.2	SW	65	19	17	07	10
13	050	12		1039.1	C	00	00	-01	-11	10
14	UNL	15		1025.0	C	00	09	07	-04	0
15	UNL	15		1025.7	C	00	08	07	-04	0
16	015	02	S-	1028.5	SW	02	-03	-03	-07	10
17	UNL	15		1033.5	W	04	-15	-15	-20	1
18	UNL	08		1034.5	NW	02	-15	-15	-27	0
19	UNL	15		1035.5	W	03	-12	-13	-21	0
20	UNL	15		1022.7	SW	18	05	04	-08	1
21	UNL	15		1018.9	SW	01	01	-01	-16	8
22	030	07		1017.1	W	02	-01	-01	-08	10
23	050	08		1021.2	C	00	-10	-10	-17	10
24	UNL	15		1021.2	C	00	-12	-12	-18	0
25	UNL	15		1020.2	C	00	-13	-13	-21	1
26	UNL	15		1017.1	C	00	-11	-11	-27	3
27	UNL	15		1019.3	C	00	-12	-12	-20	3
28	UNL	15		1027.3	W	02	-13	-14	-24	4
29	UNL	05	F	1033.9	C	00	-11	-11	-18	10
30	UNL	15		1029.3	C	00	-06	-07	-20	0
AVG				1023.4		09	-09	-10	-19	05

ALERT NWT
APRIL 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1009.0	W	03	-31	-31	-40	0
02	UNL	15		1017.0	SW	35	-18	-18	-25	0
03	UNL	15		1019.2	SW	12	-31	-31	-43	4
04	UNL	15		1011.9	W	10	-33	-33	-46	0
05	UNL	15		1011.5	SW	11	-08	-09	-18	0
06	UNL	15		1016.1	SSW	60	-01	-02	-14	4
07	UNL	15		1028.8	SW	08	-16	-17	-30	2
08	100	15		1033.8	NW	25	-21	-22	-32	6
09	UNL	05	BS	1031.3	SW	35	-07	-07	-12	2
10	100	15		1026.0	SW	40	10	08	-05	10
11	030	15		1027.3	SSW	10	15	13	05	10
12	025	08		1018.8	W	07	16	15	09	10
13	UNL	15		1039.6	E	04	02	01	-07	8
14	UNL	15		1024.0	C	00	09	06	-08	0
15	UNL	15		1027.6	W	04	05	04	-05	7
16	015	05	S-	1028.9	NW	11	-05	-06	-17	10
17	UNL	15		1033.5	C	00	-08	-09	-25	0
18	UNL	15		1035.2	C	00	-08	-09	-20	0
19	UNL	15		1034.6	C	00	-16	-17	-32	0
20	UNL	15		1022.1	C	00	04	01	-21	0
21	200	15		1017.7	SW	08	06	05	-05	10
22	015	05	SG-	1017.8	C	00	01	00	-10	10
23	UNL	05	F	1021.4	C	00	-07	-07	-11	3
24	UNL	15		1021.3	C	00	-10	-11	-27	1
25	UNL	15		1020.1	C	00	-13	-13	-26	0
26	UNL	15		1016.9	C	00	-09	-10	-21	0
27	UNL	15		1019.7	C	00	-07	-12	-16	0
28	UNL	10	IC	1028.1	NW	02	-11	-12	-29	8
29	UNL	08		1034.0	SW	03	-10	-10	-21	8
30	UNL	15		1027.6	W	03	-05	-07	-25	2
AVG				1023.9		10	-07	-08	-19	04

ALERT NWT
APRIL 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1009.0	W	06	-28	-28	-39	0
02	UNL	15		1019.8	NW	10	-22	-22	-31	0
03	UNL	15		1011.2	NW	12	-31	-31	-43	4
04	UNL	15		1012.8	C	00	-28	-28	-42	0
05	UNL	15		1013.3	C	00	-26	-26	-36	0
06	UNL	15		1019.7	SW	25	-04	-06	-21	4
07	UNL	15		1027.8	SW	36	-16	-17	-30	2
08	UNL	15		1029.0	C	00	-20	-20	-29	1
09	080	05	BS	1030.3	SW	35	-04	-06	-09	8
10	100	08		1025.5	SW	32	10	08	-05	10
11	030	15		1027.1	SW	11	15	13	05	9
12	025	08	S-	1021.4	SE	18	13	12	06	8
13	UNL	15		1038.0	NE	04	-01	-02	-11	0
14	UNL	15		1022.3	C	00	15	12	-02	6
15	080	15		1028.6	W	07	09	08	01	10
16	015	08	S-	1030.0	NW	07	-08	-09	-20	10
17	UNL	15		1033.1	C	00	-13	-14	-29	0
18	UNL	15		1036.0	C	00	-13	-14	-24	0
19	UNL	15		1033.3	E	03	-16	-17	-32	1
20	UNL	15		1020.7	C	00	03	00	-20	0
21	200	15		1016.2	SW	16	08	07	-03	10
22	UNL	15		1018.6	C	00	-01	-02	-12	1
23	UNL	15		1021.7	C	00	-11	-11	-16	0
24	UNL	15		1020.8	C	00	-07	-08	-25	1
25	UNL	15		1019.6	C	00	-12	-12	-23	3
26	UNL	15		1016.8	W	02	-09	-10	-21	6
27	UNL	15		1020.4	C	00	-11	-12	-20	0
28	UNL	10	IC	1028.7	SW	02	-11	-11	-23	8
29	UNL	10		1033.5	C	00	-08	-09	-20	4
30	UNL	15		1025.6	W	01	-03	-04	-23	0
AVG				1024.0		08	-08	-09	-20	04

ALERT NWT
APRIL 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1008.0	W	10	-26	-26	-36	0
02	UNL	15		1020.9	NE	10	-22	-22	-31	0
03	UNL	15		1006.9	SW	06	-31	-31	-43	9
04	UNL	15		1013.2	C	00	-26	-26	-36	4
05	UNL	15		1013.6	C	00	-24	-24	-34	0
06	100	15		1019.5	SW	32	-02	-03	-16	5
07	200	15		1025.4	S	20	-11	-12	-21	7
08	UNL	15		1042.0	C	00	-20	-20	-29	1
09	080	15		1030.2	SW	35	-01	-02	-12	8
10	080	15		1026.7	SW	24	10	08	-05	10
11	030	15		1029.2	SW	25	15	13	05	10
12	UNL	15		1024.0	C	00	14	12	05	3
13	UNL	15		1039.6	SE	05	04	02	-07	9
14	UNL	15		1019.8	E	04	06	04	-11	7
15	100	15		1029.6	C	00	11	10	02	8
16	015	08	S-	1030.5	NW	08	-07	-08	-18	10
17	UNL	15		1032.7	NE	02	-09	-10	-25	0
18	UNL	15		1036.4	C	00	-10	-10	-21	1
19	UNL	15		1031.2	S	03	-01	-03	-19	0
20	UNL	15		1019.7	SW	06	04	01	-21	8
21	200	15		1016.1	C	00	06	04	-05	10
22	030	15		1019.0	W	05	-01	-02	-12	10
23	UNL	15		1021.8	E	03	-09	-09	-13	0
24	UNL	15		1020.8	C	00	-11	-12	-27	2
25	UNL	15		1018.6	C	00	-10	-11	-23	10
26	UNL	15		1016.9	W	05	-11	-12	-24	0
27	UNL	15		1021.6	C	00	-09	-09	-17	0
28	100	02	S-F	1029.5	NE	08	-07	-08	-19	10
29	UNL	08		1032.9	C	00	-06	-07	-18	7
30	UNL	15		1023.1	SW	01	03	00	-18	1
AVG				1023.7		08	-06	-07	-18	05

ALERT NWT
APRIL 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1008.1	W	10	-27	-27	-38	0
02	UNL	15		1021.7	W	05	-25	-25	-35	0
03	UNL	15		1005.4	C	00	-28	-28	-39	0
04	UNL	15		1011.7	C	00	-26	-26	-36	0
05	UNL	15		1012.8	W	06	-25	-25	-35	0
06	200	15		1020.4	SW	30	-05	-06	-20	6
07	080	15		1022.8	SSW	40	-11	-12	-24	10
08	UNL	15		1041.6	SSW	25	-16	-17	-28	0
09	080	15		1030.3	SW	30	02	01	-09	9
10	UNL	15		1026.1	SW	24	11	09	-04	9
11	080	15		1023.6	SW	21	17	15	08	10
12	UNL	15		1027.8	N	05	06	05	-03	2
13	UNL	15		1032.8	SSW	04	10	08	00	3
14	030	15		1018.6	NW	02	06	04	-11	9
15	UNL	15		1029.7	E	03	08	07	-01	8
16	200	15		1031.6	NW	04	-09	-10	-21	10
17	UNL	15		1032.8	C	00	-13	-14	-29	0
18	UNL	15		1037.1	C	00	-10	-10	-21	0
19	UNL	15		1029.7	W	05	06	04	-08	1
20	UNL	15		1019.8	W	07	08	01	-20	0
21	200	15		1016.4	C	00	02	01	-08	10
22	010	03	SG-	1019.9	NW	09	-01	-02	-12	10
23	UNL	15		1022.0	E	05	-09	-09	-13	3
24	UNL	15		1020.9	C	00	-08	-09	-25	0
25	UNL	15		1018.6	C	00	-12	-13	-26	10
26	UNL	15		1017.2	W	06	-12	-12	-26	0
27	UNL	15		1022.8	C	00	-10	-11	-19	0
28	100	01	S-F	1031.1	W	08	-11	-12	-23	10
29	UNL	15		1032.7	C	00	-07	-07	-18	2
30	UNL	15		1021.4	W	05	06	04	-15	1
AVG				1023.6		08	-06	-07	-19	04

ALERT NWT
APRIL 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1008.2	NW	04	-25	-25	-31	1
02	UNL	15		1021.6	C	00	-26	-26	-32	0
03	UNL	15		1003.9	C	00	-28	-28	-36	1
04	200	15		1010.1	C	00	-27	-27	-33	10
05	UNL	15		1013.1	NE	04	-25	-25	-33	2
06	100	15		1018.9	SW	30	-01	-03	-14	8
07	030	15		1021.2	SW	35	-10	-10	-23	9
08	UNL	05	BS	1037.1	SW	45	-15	-15	-25	7
09	060	15		1029.3	SW	40	04	03	-05	10
10	180	15		1024.7	SW	25	15	12	00	7
11	080	15		1022.9	NW	06	12	11	03	10
12	030	03	S-F	1031.0	C	00	06	05	-05	10
13	UNL	15		1029.7	SW	20	16	12	-06	0
14	UNL	15		1019.6	C	00	09	07	-08	0
15	UNL	15		1028.9	C	00	07	05	-05	2
16	080	02	S-	1032.5	W	05	-09	-09	-15	10
17	UNL	15		1033.0	C	00	-12	-12	-24	1
18	UNL	15		1037.4	W	01	-13	-19	-23	0
19	UNL	15		1028.3	S	05	06	04	-08	2
20	UNL	15		1019.8	W	02	02	00	-15	9
21	025	02	S-	1016.1	C	00	03	03	-09	10
22	030	08		1020.6	NW	08	-04	-05	-10	10
23	UNL	15		1022.0	W	04	-13	-13	-19	2
24	UNL	15		1020.8	C	00	-13	-14	-29	2
25	UNL	15		1017.8	C	00	-10	-11	-27	2
26	UNL	15		1017.4	NW	03	-13	-15	-21	3
27	UNL	15		1024.3	W	02	-12	-13	-24	0
28	UNL	03	F	1032.7	C	00	-11	-11	-19	4
29	100	08		1032.4	W	02	-08	-09	-24	10
30	UNL	15		1020.0	SW	03	-04	-04	-10	1
AVG				1023.2		08	-07	-08	-18	05

ALERT NWT
APRIL 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	04	BS	1009.4	SW	24	-11	-11	-18	1
02	UNL	15		1021.2	C	00	-27	-27	-33	0
03	UNL	15		1004.8	N	04	-32	-32	-41	0
04	UNL	15		1010.0	C	00	-29	-29	-37	1
05	UNL	15		1013.2	C	00	-25	-25	-35	9
06	UNL	15		1019.4	SW	26	-05	-06	-19	4
07	080	15		1023.5	NW	23	-20	-20	-32	10
08	UNL	01	BS	1033.8	SW	35	-14	-14	-26	8
09	060	15		1028.4	SW	35	05	04	-04	10
10	080	15		1025.2	SW	25	12	10	-03	7
11	060	15		1021.3	E	08	10	09	00	10
12	020	05	S-F	1034.5	C	00	04	03	-07	10
13	UNL	15		1026.6	SW	30	18	15	09	0
14	UNL	15		1022.3	C	00	00	-01	-12	0
15	UNL	15		1028.2	W	02	01	00	-10	4
16	UNL	15		1033.0	NW	07	-13	-13	-18	9
17	UNL	15		1033.4	C	00	-13	-14	-24	1
18	UNL	15		1037.1	C	00	-14	-14	-24	0
19	UNL	15		1026.2	SW	04	08	06	-05	1
20	UNL	15		1019.5	W	02	05	03	-13	9
21	010	02	S-	1016.5	C	00	01	00	-05	10
22	030	08		1021.1	NW	01	-05	-05	-12	9
23	UNL	15		1021.8	C	00	-13	-13	-19	0
24	UNL	15		1020.5	C	00	-13	-13	-21	0
25	UNL	15		1017.4	C	00	-12	-12	-29	3
26	UNL	15		1017.8	NW	06	-13	-13	-21	3
27	UNL	15		1025.5	W	06	-14	-15	-26	1
28	030	02	F	1033.6	C	00	-15	-15	-20	10
29	UNL	04	F	1031.4	W	07	-08	-09	-24	5
30	UNL	15		1018.4	W	03	04	03	-03	8
AVG				1023.2		09	-08	-08	-18	04

SYNOPTIC OBSERVATIONS

ALERT

ALERT NWT
MAY 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	200	15		1017.4	NE	03	00	-01	-07	10
02	005	02	S-F	1017.8	W	06	02	01	-11	10
03	010	01	S-F	1012.4	C	00	09	08	01	10
04	UNL	08	S-F	1018.6	W	07	-03	-06	-16	8
05	UNL	15		1025.0	C	00	00	-01	-12	0
06	UNL	15		1024.0	W	07	-04	-05	-17	0
07	UNL	15		1022.7	C	00	-02	-03	-15	0
08	200	15		1016.9	SW	08	-04	-05	-18	10
09	UNL	15		1016.7	W	05	00	-01	-14	9
10	UNL	15		1013.7	W	09	03	02	-06	0
11	UNL	15		1009.9	C	00	02	01	-10	0
12	015	15		1010.3	SW	05	02	00	-12	10
13	005	02	F	1011.8	SW	10	02	01	-08	10
14	010	02	S-F	1016.8	N	07	06	06	-01	10
15	008	04	S-F	1017.3	N	11	07	05	-03	10
16	010	02	S-F	1017.5	NW	08	07	06	-01	10
17	010	05	F	1019.2	C	00	07	06	00	10
18	UNL	15		1021.9	W	10	-01	-02	-09	3
19	010	05	F	1026.8	SW	09	06	04	-08	10
20	012	05	S-F	1023.6	NW	06	09	08	01	10
21	UNL	10		1021.7	W	10	12	10	-01	7
22	002	00	1/8F	1008.2	W	03	03	03	02	10
23	UNL	04	S-	1009.6	NW	08	07	06	-01	8
24	020	05	S-	1010.3	NW	03	06	05	-03	9
25	015	08		1014.6	NW	10	09	07	00	10
26	015	12		1012.9	N	06	08	07	-03	9
27	015	10		1012.6	NW	08	12	11	06	9
28	015	01	1/2S-	1011.6	W	05	16	15	07	10
29	015	06	S-	1012.5	C	00	20	17	10	10
30	UNL	15		1022.3	SSW	20	21	19	10	4
31	UNL	15		1029.8	C	00	17	16	11	2
AVG				1017.0		06	06	05	-04	07

ALERT NWT
MAY 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	015	02	S-F	1017.3	C	00	00	00	-07	10
02	005	02	S-F	1017.9	SW	09	02	01	-11	10
03	010	01	S-F	1012.3	N	03	08	07	00	10
04	UNL	10		1020.6	W	04	-03	-04	-14	0
05	UNL	15		1024.9	C	00	-05	-05	-16	0
06	UNL	15		1024.0	W	08	-02	-03	-15	0
07	UNL	15		1022.7	C	00	-05	-05	-17	0
08	200	15		1015.2	SW	12	-02	-03	-16	10
09	UNL	15		1016.9	W	02	00	-01	-14	0
10	UNL	15		1013.3	C	00	05	04	-04	0
11	UNL	15		1010.0	N	05	-01	-02	-12	10
12	015	15		1010.8	SW	04	01	00	-10	10
13	005	02	F	1012.6	SW	08	01	00	-09	10
14	015	02	S-F	1017.4	N	09	04	03	-03	10
15	008	02	F	1016.9	NNW	14	06	05	-03	10
16	010	02	S-F	1018.0	NW	11	07	06	-01	10
17	010	05	F	1019.3	NW	06	06	05	-01	10
18	010	05	F	1023.4	W	05	04	03	-04	10
19	010	05	F	1025.8	SW	08	06	04	-08	10
20	012	07		1024.1	SE	02	08	07	00	10
21	UNL	15		1020.9	W	09	11	09	-02	6
22	005	00	1/4S-F	1007.5	W	11	05	05	01	10
23	080	05	S-	1010.0	NW	07	06	05	-02	8
24	020	15		1010.0	NW	10	05	04	-04	9
25	012	05	S-F	1014.8	NW	05	08	07	-01	10
26	020	12		1012.6	N	14	09	07	-02	9
27	012	08		1012.7	NW	15	12	11	05	9
28	012	03	S-	1011.0	NW	04	17	15	09	10
29	060	10		1013.7	C	00	20	18	10	10
30	UNL	15		1024.5	SW	25	21	19	13	1
31	UNL	15		1028.8	N	04	16	14	07	1
AVG				1017.1		07	06	04	-04	07

ALERT NWT
MAY 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	002	00	3/4SG-F	1017.4	NW	15	03	03	-03	10
02	002	00	1/2SG-F	1017.7	C	00	04	04	-02	10
03	020	01	S-F	1011.8	W	09	08	08	03	10
04	UNL	15		1021.9	W	03	-02	-03	-14	0
05	UNL	15		1024.6	W	09	-02	-03	-14	0
06	UNL	15		1024.1	C	00	00	-01	-17	0
07	UNL	15		1022.5	C	00	-04	-05	-19	0
08	120	15		1014.9	SW	11	01	00	-07	9
09	UNL	15		1017.0	W	05	03	02	-07	0
10	UNL	15		1012.5	SW	02	06	05	-03	0
11	UNL	03	F	1009.8	W	03	-01	-01	-09	3
12	005	01	F	1010.2	SW	08	02	01	-09	10
13	008	02	F	1013.3	W	07	04	03	-03	10
14	010	02	S-F	1017.5	N	05	05	05	00	10
15	010	04	F	1016.8	N	09	07	06	03	10
16	010	05	F	1018.5	NW	10	08	07	01	10
17	010	05	F	1019.3	SW	06	07	06	-01	10
18	010	05	F	1024.8	SW	02	05	04	-05	10
19	010	08	F	1024.8	NW	05	08	07	00	10
20	UNL	15		1023.8	W	03	05	04	-04	2
21	UNL	15		1019.6	W	08	13	11	04	5
22	005	01	S-F	1007.0	W	10	09	08	02	10
23	110	05	BS	1010.7	W	16	07	07	00	8
24	180	04	S-	1010.2	N	03	09	08	-01	7
25	010	04	S-F	1014.8	NW	04	09	09	03	10
26	012	15		1012.7	N	04	09	08	04	7
27	016	07	S-	1012.5	NW	13	14	13	09	9
28	012	03	S-	1010.8	C	00	19	17	12	10
29	040	10		1014.5	SW	16	22	20	15	7
30	UNL	15		1026.0	SW	26	23	20	13	1
31	UNL	15		1027.3	C	00	23	22	19	1
AVG				1017.1		07	07	06	-01	06

ALERT NWT
MAY 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1017.3	N	07	-01	-01	-08	4
02	002	00	1/2SG-F	1017.1	SE	03	05	04	-02	10
03	015	00	1/2S-F	1011.9	NW	14	07	07	03	10
04	UNL	15		1022.7	C	00	-01	-02	-12	0
05	UNL	15		1024.3	W	03	-02	-03	-14	0
06	UNL	15		1023.5	C	00	01	00	-16	0
07	UNL	15		1022.1	C	00	-01	-02	-15	0
08	060	15		1014.9	C	00	03	02	-05	9
09	UNL	15		1016.7	C	00	05	04	-07	0
10	UNL	15		1011.8	C	00	06	05	-03	0
11	UNL	15		1009.3	NW	03	00	-01	-09	0
12	005	01	F	1010.2	SW	08	02	01	-09	10
13	008	02	F	1013.8	NW	03	04	04	-03	10
14	010	02	F	1017.7	NW	09	05	04	00	10
15	012	04	S-F	1016.3	NW	10	07	07	03	10
16	010	07		1018.5	NW	09	07	07	-01	10
17	010	04	F	1019.1	SW	03	07	06	-01	10
18	010	05	F	1026.1	NW	04	05	04	-05	10
19	010	05	F	1023.8	NW	12	08	07	00	10
20	UNL	15		1022.9	C	00	06	05	-03	6
21	UNL	15		1017.6	C	00	19	16	09	0
22	010	03	F	1006.5	NW	11	12	11	06	10
23	UNL	10		1010.5	W	08	08	08	01	3
24	180	06	S-	1011.6	NW	10	08	07	-01	9
25	008	03	F	1013.8	N	06	11	10	05	10
26	080	08		1012.8	N	10	09	08	03	8
27	016	07	S-	1012.3	NW	17	13	11	04	9
28	010	04	S-F	1009.6	E	09	18	17	12	10
29	022	08		1015.1	SW	17	21	19	12	9
30	UNL	15		1027.0	SW	27	24	21	12	1
31	UNL	15		1025.5	E	05	20	19	14	1
AVG				1016.8		07	08	07	-01	06

ALERT NWT
MAY 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1016.6	SE	04	01	00	-06	7
02	010	01	S-	1015.6	C	00	09	08	02	10
03	010	00	1/2S-F	1012.2	NW	18	07	07	03	10
04	UNL	15		1023.2	W	06	-02	-05	-14	0
05	UNL	15		1023.6	W	04	00	-01	-12	0
06	UNL	15		1023.4	C	00	01	-01	-16	0
07	UNL	15		1021.3	W	02	00	-01	-15	0
08	UNL	15		1015.0	C	00	07	06	-02	9
09	UNL	15		1015.9	C	00	08	06	-02	1
10	UNL	15		1011.2	C	00	09	08	00	0
11	UNL	15		1009.3	SW	03	02	01	-07	1
12	010	02	F	1010.3	NW	05	03	02	-07	10
13	010	03	F	1014.4	C	00	05	04	-03	10
14	012	02	F	1017.5	NW	10	07	06	01	10
15	012	06	S-F	1016.3	N	08	08	08	04	10
16	012	05	F	1018.6	NW	08	09	08	01	10
17	010	03	S-F	1019.2	SW	03	07	06	-01	10
18	010	05	F	1027.0	SW	02	06	05	-05	10
19	010	05	S-F	1022.8	NW	08	09	08	01	10
20	UNL	15		1022.2	W	03	09	08	00	10
21	UNL	15		1015.4	C	00	18	16	08	0
22	010	05	S-F	1006.8	NW	15	14	13	08	10
23	180	07		1010.5	NW	06	08	08	01	8
24	090	06	S-	1010.4	NW	13	08	07	-01	9
25	008	04	F	1013.5	N	07	11	10	04	10
26	018	08		1012.5	N	19	09	08	02	9
27	016	08	S-	1011.8	NW	10	15	14	07	10
28	013	06	F	1009.4	E	07	20	19	13	10
29	090	10		1016.3	SW	14	19	17	09	6
30	UNL	15		1028.5	SW	24	24	21	13	1
31	013	04	IF	1023.8	C	00	22	20	16	7
AVG				1016.6		06	09	08	00	07

ALERT NWT
MAY 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	100	08		1016.7	SW	04	00	-01	-07	8
02	010	01	S-	1015.1	SW	08	07	06	00	10
03	020	04	S-	1013.5	NW	07	04	04	-01	9
04	UNL	15		1024.1	C	00	-02	-03	-14	0
05	UNL	15		1023.7	W	04	-01	-02	-13	0
06	UNL	15		1023.3	W	03	-02	-04	-19	0
07	UNL	15		1020.5	N	02	-01	-03	-15	1
08	UNL	05	S-	1015.7	C	00	06	05	-03	8
09	UNL	15		1015.7	C	00	04	03	-06	0
10	UNL	15		1010.8	C	00	06	04	-05	0
11	UNL	15		1009.6	W	05	02	01	-07	0
12	010	02	F	1010.6	W	06	03	02	-07	10
13	010	05	F	1015.3	NW	03	05	04	-03	10
14	012	05	F	1017.9	N	10	05	05	00	10
15	012	05	S-	1016.6	NW	11	07	07	03	10
16	012	05	F	1018.9	W	02	08	07	00	10
17	010	07		1019.6	C	00	06	06	-01	10
18	010	05	F	1027.8	C	00	06	05	-09	10
19	013	05	F	1022.7	NW	06	09	08	01	10
20	UNL	15		1022.1	C	00	11	10	02	10
21	UNL	15		1013.5	C	00	12	11	03	0
22	010	02	S-F	1007.2	W	08	13	12	06	10
23	018	08		1010.4	N	13	10	10	06	9
24	200	08		1011.8	NW	13	05	04	-05	6
25	008	04	F	1013.3	N	07	09	07	-02	10
26	018	08		1012.7	N	15	09	08	02	10
27	020	08	S-	1012.1	NW	13	14	13	06	10
28	012	03	S-F	1009.7	C	00	20	18	13	10
29	UNL	15		1017.2	SW	18	20	18	10	6
30	UNL	15		1029.7	SW	12	23	20	12	2
31	013	10		1022.2	C	00	18	17	12	9
AVG				1016.8		05	08	07	-01	07

ALERT NWT
MAY 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	003	02	S-F	1016.9	C	00	00	-01	-15	10
02	010	01	S-F	1014.2	SW	12	09	08	01	10
03	UNL	04	IC F	1015.4	C	00	03	02	-09	10
04	UNL	15		1024.7	C	00	-01	-02	-12	0
05	UNL	15		1024.0	W	07	-04	-05	-17	0
06	UNL	15		1023.1	C	00	-01	-02	-13	0
07	UNL	15		1019.6	W	05	00	-02	-14	10
08	UNL	15		1016.3	E	02	05	04	-08	3
09	UNL	15		1015.2	C	00	05	04	-04	0
10	UNL	15		1010.7	W	05	03	02	-08	0
11	UNL	15		1010.1	W	05	01	-01	-14	1
12	010	02	F	1010.9	SW	02	03	02	-08	10
13	010	02	F	1016.0	NW	13	05	04	-02	10
14	012	02	F	1017.8	N	07	07	06	-03	10
15	010	04		1016.8	N	12	08	07	00	10
16	012	05	F	1019.0	C	00	08	07	01	10
17	010	07		1020.5	SE	07	07	06	-01	10
18	015	07		1027.9	W	03	06	06	-08	10
19	013	03	S-F	1022.9	N	05	10	09	02	10
20	UNL	15		1022.4	W	07	14	11	01	8
21	UNL	15		1011.7	W	03	12	10	05	1
22	011	01	1/2S-	1008.4	NE	04	10	09	01	10
23	020	10		1010.6	N	07	09	08	00	10
24	020	08		1012.6	NW	17	09	07	00	10
25	020	10		1013.2	N	11	09	08	-02	9
26	015	05	S-	1013.2	N	13	10	09	04	9
27	015	10		1012.0	NW	15	15	13	06	10
28	015	03	S-F	1010.6	C	00	22	20	12	10
29	090	15		1018.9	SW	14	22	20	11	8
30	UNL	15		1030.5	C	00	20	19	14	2
31	013	07		1020.8	NW	07	19	17	12	10
AVG				1017.0		06	08	07	-02	07

ALERT NWT
MAY 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	005	02	S-F	1017.3	C	00	-01	-02	-13	10
02	010	01	S-F	1013.4	SW	07	08	07	00	10
03	020	04	S-F	1017.1	C	00	-01	-02	-12	10
04	UNL	15		1025.1	C	00	-02	-03	-14	0
05	UNL	15		1025.9	W	10	-03	-04	-15	0
06	UNL	15		1022.9	N	13	08	-04	-15	0
07	UNL	15		1018.2	NW	07	-02	-04	-16	10
08	100	15		1016.5	W	06	02	00	-12	8
09	UNL	15		1014.2	W	06	07	06	-03	0
10	UNL	15		1010.5	W	03	03	01	-08	1
11	030	15		1010.2	W	05	-01	-02	-15	8
12	005	02	F	1011.2	NW	06	02	01	-08	10
13	010	02	F	1016.3	W	13	05	04	-02	10
14	015	04	F	1017.5	N	07	06	05	-03	10
15	010	02	S-F	1017.2	NW	08	07	06	-01	10
16	012	05	F	1019.1	SW	05	07	06	00	10
17	UNL	15		1020.8	NE	03	01	00	-07	2
18	012	07		1027.6	SW	08	08	04	-08	10
19	019	07		1023.0	NW	03	09	07	01	10
20	012	05	S-	1022.0	W	09	06	04	-07	10
21	UNL	15		1009.7	C	00	07	07	00	2
22	025	01	1/2S-	1009.1	NW	07	09	08	01	10
23	015	05	S-	1010.4	N	10	08	07	-01	10
24	015	08		1013.5	NW	12	08	07	-01	10
25	015	08		1013.9	N	06	07	06	-04	10
26	012	07		1013.0	NW	08	10	10	04	10
27	015	01	1/2S-	1012.1	NW	12	14	13	06	10
28	015	05	S-	1011.5	W	02	18	16	08	10
29	UNL	15		1020.5	SW	11	18	16	07	5
30	UNL	15		1030.4	W	03	17	16	11	2
31	010	07		1019.5	N	07	15	14	08	10
AVG				1017.0		06	06	05	-04	07

SYNOPTIC OBSERVATIONS

ALERT

ALERT NWT JUNE 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	010	07		1018.1	SW	02	16	14	09	10
02	012	05	S-	1014.4	C	00	18	17	11	10
03	010	08		1017.5	N	09	22	20	12	10
04	005	03	S-F	1019.7	C	00	20	19	17	10
05	006	07		1019.8	SW	05	25	23	19	10
06	006	03	S-F	1020.9	NW	15	27	24	18	10
07	080	10		1025.2	C	00	25	24	20	9
08	250	15		1026.5	SW	18	30	28	23	7
09	080	15		1021.3	SW	38	34	31	26	9
10	010	04	S-F	1019.1	N	05	31	30	26	9
11	005	01	S-F	1020.0	NW	06	28	27	25	10
12	080	15		1022.2	N	03	32	30	27	9
13	080	15		1020.9	NE	03	29	28	27	9
14	UNL	00	1/8F	1016.4	C	00	26	25	23	9
15	UNL	15		1014.1	C	00	26	25	21	4
16	010	05	S-F	1019.4	C	00	31	31	30	10
17	080	02	F	1012.3	C	00	27	27	25	8
18	090	05	S-F	1014.9	E	04	31	30	28	10
19	UNL	01	F	1017.1	W	07	27	27	26	0
20	008	01	1/2F	1012.3	NW	04	24	24	22	8
21	008	03	F	1013.3	C	00	25	25	24	8
22	004	02	S-F	1012.9	W	03	26	26	24	10
23	050	10		1013.6	C	00	30	29	27	10
24	025	08		1013.1	C	00	26	26	24	8
25	010	05	S-F	1013.6	E	02	31	30	29	10
26	010	03	S-F	1008.1	C	00	30	30	28	10
27	008	08		1007.2	NNW	07	29	29	28	10
28	048	10		1009.0	ENE	03	29	28	26	10
29	UNL	15		1015.1	C	00	29	27	22	2
30	006	03	S-F	1018.2	NW	04	28	28	26	10
AVG				1016.4		05	27	26	23	09

ALERT NWT JUNE 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	008	04	IF	1017.0	SW	03	15	14	09	10
02	010	03	IF	1014.7	W	04	17	17	13	10
03	014	08		1017.9	NW	10	22	20	14	9
04	040	08		1019.8	SW	04	20	19	14	10
05	005	03	S-F	1019.9	S	07	27	25	21	10
06	012	05	S-F	1021.8	NW	09	27	25	20	10
07	080	08		1025.8	C	00	28	27	23	9
08	140	15		1026.5	SW	16	31	28	23	8
09	UNL	10		1021.6	SW	26	35	32	28	4
10	008	02	S-F	1019.3	C	00	30	28	25	10
11	005	01	S-F	1020.6	NW	03	28	27	24	10
12	040	15		1022.8	C	00	31	30	29	9
13	100	15		1020.4	C	00	31	30	29	8
14	UNL	00	1/8F	1015.5	C	00	25	24	22	8
15	003	01	F	1014.0	W	07	27	27	25	10
16	020	10		1015.3	NW	04	32	31	30	9
17	015	07		1012.4	W	05	28	27	26	10
18	025	12		1015.1	N	02	33	32	29	10
19	UNL	07		1017.1	C	00	28	27	26	4
20	UNL	02	F	1012.3	NW	02	23	23	20	4
21	010	07		1013.4	W	07	26	26	24	10
22	020	08		1012.1	C	00	29	28	24	9
23	050	10		1013.7	C	00	30	29	26	9
24	030	10		1013.3	E	02	27	26	24	9
25	008	03	S-F	1013.1	E	02	32	31	30	10
26	008	03	S-F	100716	NW	03	31	30	29	10
27	010	10		1007.4	N	09	29	28	27	10
28	040	12		1009.6	C	00	31	30	29	9
29	UNL	15		1016.0	C	00	27	26	25	4
30	006	02	S-F	1019.1	NNW	03	29	28	26	10
AVG				1016.5		04	28	27	24	09

ALERT NWT JUNE 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	008	04	S-IF	1016.0	SW	06	14	12	02	10
02	UNL	08		1015.0	W	05	18	17	13	3
03	012	05	IF	1018.3	N	07	23	21	17	10
04	014	05	S-	1020.1	S	07	23	23	20	10
05	004	02	S-F	1019.8	SW	07	27	27	25	10
06	090	08		1022.6	SW	03	26	25	22	8
07	130	06	S-	1026.2	C	00	28	26	22	9
08	110	15		1026.4	SW	20	32	29	23	8
09	100	15		1021.7	SW	24	35	31	24	7
10	005	01	1/2S-F	1018.8	NE	07	30	30	29	10
11	005	01	S-F	1020.7	E	05	28	26	21	10
12	UNL	15		1022.9	C	00	34	32	29	5
13	UNL	15		1019.9	C	00	33	31	29	4
14	UNL	15		1015.4	C	00	27	26	24	1
15	005	01	S-F	1014.2	NE	03	29	29	29	10
16	020	15		1015.1	C	00	35	32	27	9
17	015	10		1012.8	NW	03	29	28	25	10
18	025	15		1015.5	NE	03	33	32	30	10
19	UNL	01	1/2F	1017.2	C	00	27	27	26	0
20	UNL	02	F	1012.1	NW	05	23	23	22	4
21	006	03	F	1013.4	NE	01	26	26	24	10
22	020	08		1011.8	C	00	28	27	24	9
23	035	12		1013.7	E	05	30	30	28	9
24	030	12		1013.7	NE	05	29	28	27	9
25	008	03	S-F	1012.5	C	00	31	30	29	10
26	006	02	S-F	1007.3	N	05	31	31	29	10
27	010	10		1007.6	N	07	29	27	25	10
28	070	15		1010.1	SW	12	34	32	28	8
29	UNL	15		1016.6	E	02	31	30	27	6
30	008	03	S-F	1020.2	C	00	30	29	28	10
AVG				1016.6		05	28	27	24	08

ALERT NWT JUNE 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	008	03	S-F	1015.0	NE	04	36	34	07	10
02	010	05	IF	1015.7	SW	04	18	17	13	6
03	004	00	3/4F	1018.5	NE	04	21	20	17	10
04	016	04	S-	1020.0	NW	03	25	24	22	9
05	005	02	S-F	1019.9	NW	08	27	27	24	10
06	220	10		1022.6	S	02	29	28	25	6
07	010	06	S-	1026.4	C	00	32	30	26	9
08	120	15		1026.0	SW	21	34	30	26	9
09	UNL	15		1022.2	NE	05	31	28	22	5
10	005	01	1/2S-F	1018.6	NE	06	30	29	27	10
11	012	08		1020.8	C	00	33	32	31	10
12	UNL	15		1022.8	C	00	34	32	29	3
13	UNL	15		1019.2	C	00	30	29	26	2
14	UNL	15		1015.0	E	02	27	26	24	1
15	006	02	F	1014.1	C	00	31	30	29	10
16	030	15		1014.3	C	00	34	32	28	9
17	015	10		1012.9	NE	03	30	29	26	10
18	030	15		1015.6	C	00	36	32	27	10
19	UNL	15		1016.4	NE	02	27	27	25	1
20	010	02	F	1011.7	N	02	26	24	21	9
21	006	01	1/2S-F	1013.2	N	09	27	27	26	10
22	025	10		1011.9	C	00	31	30	29	9
23	035	15		1013.5	E	06	32	31	30	9
24	UNL	15		1014.0	E	02	29	28	26	5
25	008	03	S-F	1011.6	C	00	31	30	29	10
26	006	02	S-F	1007.2	N	06	30	30	28	10
27	010	08		1007.6	N	08	29	29	26	10
28	UNL	15		1010.7	SW	22	35	33	31	1
29	100	15		1017.2	C	00	30	29	26	8
30	010	03	S-F	1020.8	C	00	31	30	29	10
AVG				1016.5		04	29	28	25	08

ALERT NWT JUNE 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	012	08		1014.5	C	00	17	15	08	10
02	009	04	S-IF	1016.1	SW	07	21	20	15	9
03	003	00	3/4S-F	1018.8	N	06	23	22	18	10
04	006	02	S-F	1020.3	N	06	24	23	20	10
05	008	05	S-F	1019.5	NW	17	27	26	24	10
06	250	10		1022.9	E	13	27	26	22	6
07	250	08		1026.6	C	00	30	28	25	6
08	090	10		1024.7	SW	32	35	30	24	9
09	100	15		1022.9	SW	13	34	31	27	8
10	004	01	S-F	1018.1	N	05	30	28	28	10
11	015	08		1021.0	C	00	37	34	30	9
12	UNL	15		1022.5	NE	03	31	30	27	3
13	UNL	15		1018.4	C	00	32	31	30	1
14	UNL	15		1014.5	C	00	27	26	24	3
15	002	00	1/4F	1014.3	C	00	32	31	31	10
16	030	15		1013.5	NE	04	31	30	29	9
17	020	10		1013.2	NW	03	32	30	26	10
18	040	15		1015.9	E	05	32	31	29	10
19	UNL	15		1015.6	C	00	29	28	26	2
20	UNL	02	F	1011.6	N	07	25	24	22	6
21	006	01	S-F	1012.9	N	08	26	26	24	10
22	020	10		1011.9	E	02	30	30	28	10
23	035	15		1013.2	E	02	31	30	29	9
24	050	15		1014.0	C	00	31	30	29	8
25	008	05	S-F	1010.9	C	00	32	31	30	10
26	010	05	S-F	1007.1	NNW	06	29	29	27	10
27	010	10		1007.5	NE	06	29	28	26	10
28	UNL	15		1011.2	SW	22	36	32	27	1
29	070	15		1017.4	NNW	05	34	32	29	8
30	080	15		1021.1	C	00	34	32	29	9
AVG				1016.4		06	30	28	25	08

ALERT NWT JUNE 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	012	10		1014.1	NE	09	15	14	06	9
02	012	04	S-IF	1016.4	SW	02	23	21	17	10
03	005	04	F	1019.2	C	00	20	19	15	10
04	004	01	S-F	1020.2	C	00	22	21	18	10
05	008	05	S-F	1019.9	NW	08	26	25	22	8
06	UNL	15		1023.4	E	13	25	23	20	8
07	250	15		1026.7	SW	05	30	28	25	8
08	080	15		1024.2	SW	30	35	30	24	9
09	100	15		1020.7	SW	22	36	32	28	8
10	004	01	S-F	1018.5	NW	03	30	30	28	10
11	080	10		1021.5	NE	03	34	32	29	7
12	UNL	00	1/8F	1022.3	NE	03	30	29	28	8
13	UNL	15		1017.9	C	00	31	30	28	0
14	UNL	15		1014.3	NE	03	28	27	25	3
15	018	10		1014.6	N	03	34	32	30	9
16	100	15		1013.1	NE	03	31	30	29	9
17	040	15		1013.8	C	00	32	31	28	9
18	UNL	05	F	1016.4	E	04	30	28	23	3
19	010	02	F	1014.8	NE	03	27	26	26	8
20	003	01	F	1012.1	NNE	04	23	23	21	9
21	005	01	S-F	1012.9	NW	09	26	25	24	10
22	029	10		1012.1	E	03	30	29	27	9
23	040	15		1013.1	NE	03	29	27	27	8
24	050	15		1013.6	NE	03	33	31	28	9
25	006	03	S-F	1010.2	NNE	03	32	32	31	10
26	010	04	S-F	1007.1	NW	05	31	30	29	10
27	018	10		1008.1	E	04	28	27	24	10
28	UNL	15		1012.7	WSW	15	36	33	28	2
29	080	15		1017.8	W	04	31	30	28	6
30	100	15		1021.5	S	03	36	33	29	9
AVG				1016.4		05	29	28	25	08

ALERT NWT JUNE 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	012	10		1014.2	E	05	17	15	11	10
02	012	03	S-F	1016.9	C	00	25	23	15	10
03	005	00	1/4F	1019.4	N	03	20	20	17	10
04	004	01	1/2S-F	1019.9	SE	02	23	22	17	10
05	014	06	S-	1020.4	SW	03	28	25	19	10
06	080	15		1024.1	SW	10	22	21	17	8
07	090	15		1026.6	NW	03	27	25	20	8
08	080	15		1025.4	SW	32	33	29	24	9
09	100	15		1019.4	SW	18	36	33	28	9
10	006	01	S-F	1019.3	N	05	30	28	25	10
11	018	08		1021.7	C	00	34	32	29	9
12	040	04	F	1021.9	NE	03	28	27	24	8
13	UNL	15		1017.6	C	00	29	28	26	0
14	UNL	15		1014.1	C	00	30	29	26	3
15	018	10		1015.2	NW	10	33	32	31	10
16	100	04	F	1012.4	C	00	30	29	29	8
17	080	15		1014.2	NE	03	31	31	29	9
18	UNL	00	3/4F	1017.0	E	03	29	29	27	0
19	006	01	F	1014.0	C	00	26	26	25	8
20	005	04	F	1012.6	NW	02	26	25	24	8
21	012	04	S-F	1012.6	W	05	26	26	24	10
22	040	15		1012.7	C	00	30	29	26	10
23	180	10		1012.8	NW	04	28	28	26	8
24	035	15		1014.2	NE	03	32	31	29	10
25	004	03	S-F	1009.5	NNE	03	31	31	29	10
26	014	05	F	1006.9	N	06	30	29	27	9
27	014	08		1008.4	NNE	03	29	28	26	10
28	UNL	15		1013.6	NNW	07	30	27	21	2
29	012	08		1017.6	NW	04	31	30	29	10
30	100	15		1021.6	W	09	36	33	28	8
AVG				1016.5		05	29	27	24	08

ALERT NWT JUNE 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	020	10		1014.0	E	06	15	14	08	9
02	015	07		1017.1	C	00	33	31	29	10
03	004	03	F	1019.6	NE	02	19	18	16	10
04	003	01	1/2S-F	1019.7	SW	03	22	21	16	10
05	006	02	S-F	1020.6	NW	08	26	24	17	10
06	UNL	15		1024.8	SW	08	31	30	16	8
07	018	10		1026.7	NE	02	27	24	20	9
08	080	15		1022.2	SW	32	34	31	26	7
09	080	15		1018.3	SW	18	35	31	26	9
10	006	01	S-F	1019.6	NW	13	30	28	26	10
11	090	10		1022.1	C	00	33	31	29	8
12	016	15		1021.2	C	00	30	29	28	9
13	UNL	00	1/8F	1016.8	C	00	27	27	26	9
14	UNL	15		1013.9	C	00	28	27	25	4
15	025	15		1015.5	NW	09	31	30	29	10
16	110	05	F	1012.2	E	04	29	28	27	7
17	100	15		1014.6	E	03	31	30	29	9
18	UNL	02	F	1017.0	E	02	28	28	26	0
19	004	01	F	1013.1	N	03	25	25	24	8
20	080	08		1012.9	C	00	25	25	23	8
21	004	02	S-F	1012.4	W	04	26	26	25	10
22	080	10		1013.3	NE	03	30	29	27	9
23	060	06	F	1012.9	WNW	04	29	28	27	7
24	012	10	S-	1014.2	C	00	32	31	29	10
25	009	02	S-F	1008.9	N	04	31	31	30	10
26	012	08		1007.3	NE	04	29	28	28	8
27	010	08		1008.5	NNE	03	28	27	25	10
28	UNL	15		1014.5	C	00	32	30	28	1
29	008	03	S-F	1017.9	NNW	04	29	28	27	10
30	100	08		1021.6	W	03	32	31	29	8
AVG				1016.4		05	28	27	24	08

SYNOPTIC OBSERVATIONS

CLYDE

CLYDE NWT
JANUARY 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1032.2	SW	06	-04	-04	-11	0
02	UNL	15		1040.0	C	00	-21	-21	-31	0
03	UNL	10		1031.0	NNE	10	-05	-05	-14	0
04	035	10		1009.3	SW	20	15	15	11	8
05	UNL	15		1033.7	WNW	05	-14	-14	-19	0
06	030	15		1020.6	ESE	10	-04	-05	-15	10
07	100	15		1010.6	C	00	-07	-07	-14	10
08	015	04	IF	1011.1	C	00	04	03	-02	10
09	015	01	BS	999.9	WSW	22	10	09	05	10
10	250	15		1019.2	C	00	-06	-07	-17	9
11	030	10		1014.6	C	00	06	05	01	10
12	030	06	S-	1009.9	N	12	-01	-02	-09	10
13	015	00	1/2S	994.0	ENE	10	11	11	07	10
14	090	10		1012.9	SE	08	-03	-03	-10	10
15	015	00	1/4S BS	973.6	WNW	22	11	11	06	10
16	UNL	10		995.8	SW	08	-11	-12	-22	0
17	UNL	15		1011.2	C	00	-33	-33	-48	0
18	UNL	15		1024.8	E	04	-30	-30	-43	0
19	UNL	06	IF	1027.4	C	00	-44			0
20	100	01	BS	1024.5	NW	15	-17	-17	-27	10
21	UNL	10		1016.9	NW	10	-12	-12	-22	2
22	015	01	S-BS	1016.9	NW	08	-06	-06	-12	10
23	000	00	BS	995.8	N	34	-06	-06	-13	10
24	030	10		990.1	NNW	08	-02	-02	-08	10
25	UNL	15		1007.4	C	00	-30	-30	-48	0
26	UNL	01	BS	990.6	N	18	-08	-08	-16	4
27	015	02	S-	1001.4	C	00	-05	-05	-11	10
28	UNL	15		1018.5	C	00	-30	-30	-39	0
29	UNL	15		1025.7	C	00	-31	-31	-45	0
30	030	01	BS	998.6	N	14	-09	-09	-16	10
31	UNL	15		1011.2	C	00	-14	-15	-22	0
AVG				1011.9		08	-10	-10	-18	06

CLYDE NWT
JANUARY 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1032.9	C	00	-04	-04	-11	0
02	UNL	15		1041.3	C	00	-21	-21	-31	0
03	030	15		1029.1	NE	06	-01	-02	-12	10
04	UNL	10		1012.3	WSW	26	08	08	03	0
05	UNL	15		1034.5	C	00	-17	-17	-22	0
06	030	15		1018.0	SE	10	-03	-04	-11	10
07	100	15		1011.2	C	00	-03	-03	-10	10
08	015	04	IF	1010.5	C	00	04	04	-02	10
09	UNL	00	3/4BS	1003.3	SW	26	07	06	01	5
10	020	04	S-	1018.7	C	00	-04	-04	-13	10
11	090	10	S-	1014.6	C	00	07	06	01	10
12	030	09	S-	1008.5	NNW	12	-02	-02	-10	10
13	030	10		988.8	E	04	20	20	17	10
14	100	10		1010.9	C	00	-05	-05	-14	10
15	015	00	1/4S BS	974.4	WNW	24	10	09	05	10
16	UNL	10		999.0	SW	10	-14	-14	-27	0
17	UNL	15		1012.9	C	00	-23	-23	-36	6
18	UNL	15		1025.6	C	00	-33	-33	-48	0
19	UNL	06	IF	1028.3	C	00	-39			2
20	015	00	1/2S-BS	1029.6	N	16	-14	-15	-23	10
21	UNL	15		1028.5	C	00	-17	-17	-27	0
22	015	00	1/2S-BS	1013.8	N	14	-04	-04	-10	10
23	000	00	BS	994.9	N	38	-06	-06	-14	10
24	015	04	S-	992.7	C	00	-02	-02	-08	10
25	UNL	15		1007.4	C	00	-29	-29	-42	4
26	100	15		990.3	N	10	-07	-07	-14	8
27	UNL	15		1002.7	C	00	-05	-05	-11	0
28	UNL	15		1020.8	C	00	-27	-27	-39	0
29	UNL	15		1024.4	C	00	-34	-34	-44	0
30	UNL	02	BS	995.7	N	14	-09	-09	-16	3
31	UNL	15		1014.5	C	00	-19	-19	-28	0
AVG				1012.4		07	-09	-09	-17	05

CLYDE NWT
JANUARY 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1033.9	C	00	-12	-12	-21	0
02	UNL	15		1041.3	C	00	-25	-25	-36	0
03	030	15		1023.5	C	00	-01	-01	-07	10
04	UNL	10		1015.8	SW	14	03	02	-05	0
05	UNL	15		1033.8	C	00	-17	-18	-25	0
06	030	15		1016.6	E	06	-02	-03	-11	10
07	030	15		1011.6	C	00	-04	-05	-11	10
08	015	04	S-	1010.0	C	00	05	04	-02	10
09	UNL	00	BS	1008.5	SW	30	-03	-04	-10	5
10	UNL	15		1017.4	C	00	-02	-03	-08	5
11	030	10		1014.8	N	14	07	06	-01	10
12	030	10		1007.4	N	10	-02	-02	-08	10
13	015	00	1/2S	982.5	N	10	18	17	13	10
14	100	10	S-	1006.3	C	00	-04	-05	-12	10
15	UNL	07		977.7	W	12	07	07	00	5
16	UNL	15		1001.3	SE	08	-13	-14	-24	1
17	UNL	15		1014.9	C	00	-25	-25	-39	4
18	UNL	15		1026.6	C	00	-39			0
19	UNL	15		1028.9	C	00	-32	-32	-42	1
20	000	00	1/8BS	1022.6	N	16	-14	-15	-23	10
21	UNL	15		1020.1	C	00	-28	-28	-40	0
22	000	00	1/2BS	1011.0	N	18	-03	-04	-10	10
23	000	00	BS	994.0	N	40	05	05	00	10
24	015	02	S-	994.5	C	00	-03	-03	-10	10
25	100	00	1/2BS	1009.1	N	26	-19	-20	-30	10
26	UNL	15		991.1	N	12	-09	-09	-16	7
27	UNL	15		1004.6	C	00	-06	-07	-13	0
28	UNL	25		1023.1	C	00	-30	-30	-48	0
29	UNL	25		1021.5	C	00	-34	-34	-49	0
30	UNL	15		997.0	C	00	-09	-09	-17	3
31	UNL	15		1018.0	C	00	-21	-21	-33	0
AVG				1012.0		07	-10	-11	-18	05

CLYDE NWT
JANUARY 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1034.5	C	00	-14	-15	-23	0
02	UNL	15		1040.3	C	00	-23	-23	-33	7
03	030	15		1021.0	C	00	-01	-01	-07	10
04	UNL	15		1020.0	SW	10	-03	-03	-09	1
05	030	15		1032.5	C	00	-18	-18	-27	10
06	015	01	1/2S-	1019.0	E	12	01	00	-06	10
07	030	15		1011.9	C	00	-07	-07	-14	10
08	015	01	S-	1007.2	C	00	07	07	01	10
09	UNL	00	1/2BS	1019.2	SW	20	-07	-07	-14	2
10	030	10		1016.8	C	00	-02	-03	-08	10
11	015	01	S-	1019.3	N	12	07	06	-01	10
12	015	00	1/2IF	1005.4	N	10	-02	-09	-07	10
13	000	00	BS	981.6	SW	40	18	17	13	10
14	030	01	S-	999.9	C	00	-04	-05	-12	10
15	030	07		982.3	SW	08	02	01	-06	10
16	100	15		1013.0	C	00	-13	-14	-24	8
17	100	15		1015.6	C	00	-22	-22	-34	9
18	UNL	15		1026.8	C	00	-38			0
19	100	10		1028.0	C	00	-21	-21	-33	10
20	000	00	1/4BS	1022.5	N	14	-14	-15	-23	10
21	UNL	15		1021.9	C	00	-27	-27	-39	1
22	000	00	BS	1007.3	N	18	-03	-04	-10	10
23	000	00	BS	991.9	N	30	05	05	-02	10
24	015	02	S-IF	997.5	C	00	-03	-03	-07	10
25	000	00	BS	995.4	N	32	-18	-18	-27	10
26	100	15		995.8	N	06	-11	-11	-18	7
27	UNL	15		1006.7	C	00	-21	-21	-28	5
28	UNL	25		1024.4	C	00	-28	-28	-44	0
29	UNL	25		1020.2	C	00	-35	-35	-51	7
30	015	07		998.8	C	00	-09	-09	-17	10
31	UNL	15		1020.4	C	00	-21	-22	-35	4
AVG				1012.3		07	-11	-11	-19	08

CLYDE NWT
JANUARY 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1034.7	C	00	-18	-18	-31	0
02	UNL	15		1037.9	C	00	-25	-25	-33	7
03	030	15		1017.9	N	10	01	00	-07	9
04	UNL	15		1024.9	SW	10	-06	-06	-12	2
05	025	07		1029.8	SE	12	-04	-04	-11	10
06	015	02	S-	1010.7	E	12	-03	-03	-03	10
07	015	02	IF	1011.8	C	00	-01	-01	-07	10
08	015	00	1/2S	1003.5	N	08	10	10	05	10
09	UNL	15		1018.5	SE	10	-06	-06	-15	10
10	030	15		1016.8	C	00	-04	-04	-12	9
11	015	01	S-	1015.4	N	14	02	01	-06	10
12	015	00	1/2IF	1003.3	N	08	00	00	-05	10
13	000	00	BS	988.8	SW	50	15	14	12	10
14	015	00	1/2S	994.3	SW	10	02	02	-04	10
15	030	10		984.5	SW	12	-02	-02	-07	10
16	UNL	25		1004.8	C	00	-26	-26	-37	6
17	100	15		1017.6	SW	04	-18	-18	-29	9
18	UNL	15		1026.9	C	00	-42			1
19	100	10		1029.5	C	00	-21	-22	-33	10
20	000	00	1/4BS	1021.1	N	16	-14	-14	-23	10
21	UNL	15		1021.3	C	00	-27	-27	-39	9
22	000	00	BS	1004.0	N	30	-05	-05	-12	10
23	000	00	BS	989.3	N	40	05	05	-01	10
24	UNL	10		999.3	C	00	-10	-11	-20	10
25	000	00	BS	998.3	N	30	-11	-11	-18	10
26	100	15		995.8	C	00	-08	-08	-16	10
27	UNL	15		1008.7	C	00	-23	-23	-33	2
28	UNL	25		1025.4	C	00	-26	-26	-41	0
29	080	15		1016.5	C	00	-22	-22	-34	9
30	UNL	15		1000.9	C	00	-10	-10	-18	3
31	UNL	15		1022.2	C	00	-09	-09	-18	8
AVG				1011.7		10	-10	-10	-18	08

CLYDE NWT
JANUARY 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1036.0	C	00	-19	-19	-30	0
02	UNL	10		1035.8	C	00	-29	-23	-33	7
03	030	15		1015.1	C	00	-01	-01	-07	9
04	UNL	15		1028.8	SW	04	-06	-06	-12	2
05	025	01	BS	1028.0	SE	16	-04	-05	-11	8
06	015	04	S-	1010.1	SW	06	04	04	-02	10
07	015	02	S-	1011.8	C	00	01	00	-07	10
08	015	00	1/2S	999.4	N	04	12	12	05	10
09	UNL	15		1020.4	C	00	-11	-12	-19	6
10	030	10		1017.8	C	00	-04	-05	-12	10
11	015	01	S-	1014.5	N	12	00	00	-08	10
12	015	00	1/2S-IF	1001.6	N	10	00	-01	-05	10
13	000	00	BS	995.7	SW	50	19	12	09	10
14	015	00	1/2S-BS	986.4	NW	14	03	03	-05	10
15	030	10		987.7	SW	10	-02	-02	-07	8
16	UNL	15		1006.5	C	00	-26	-26	-37	5
17	UNL	15		1019.4	C	00	-28	-28	-40	1
18	UNL	15		1027.7	C	00	-41			1
19	100	10		1030.0	C	00	-20	-20	-29	10
20	000	00	1/4BS	1019.5	N	14	-14	-14	-25	10
21	UNL	15		1021.3	C	00	-27	-27	-42	8
22	000	00	BS	1000.2	N	30	-05	-05	-12	10
23	000	00	BS	988.9	N	26	05	05	-02	10
24	UNL	15		1002.5	C	00	-19	-14	-24	5
25	000	00	BS	989.7	N	50	-06	-07	-13	10
26	100	15		995.4	C	00	-07	-07	-13	10
27	UNL	15		1011.4	C	00	-29	-25	-36	3
28	UNL	29		1027.2	C	00	-35	-35	-51	1
29	025	01	S-	1012.9	C	00	-13	-13	-18	10
30	UNL	15		1004.1	C	00	-15	-15	-25	1
31	UNL	15		1024.0	C	00	-12	-13	-21	10
AVG				1011.9		08	-10	-11	-18	07

CLYDE NWT
JANUARY 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1036.3	C	00	-21	-21	-28	0
02	025	10		1032.4	SW	06	-06	-06	-14	10
03	030	15		1012.2	C	00	02	01	-04	8
04	UNL	15		1031.2	C	00	-12	-12	-24	2
05	UNL	10		1025.6	SE	14	-05	-05	-09	3
06	UNL	15		1009.2	SE	08	04	04	-03	5
07	015	10		1011.6	C	00	03	02	-04	10
08	015	00	3/4S-	995.4	ESE	14	21	21	18	10
09	250	15		1020.1	WSW	06	-04	-04	-11	9
10	030	10		1016.9	C	00	-01	-02	-09	10
11	015	01	S-BS	1012.6	N	16	00	-01	-08	10
12	015	00	3/4S-IF	999.5	NNE	06	03	03	00	10
13	000	00	BS	1005.9	WSW	40	-04	-04	-10	10
14	015	00	1/4S-BS	980.1	NW	24	09	08	04	10
15	100	10		990.4	SW	08	-07	-08	-17	9
16	UNL	15		1007.5	C	00	-29	-29	-46	2
17	UNL	15		1021.1	C	00	-33	-33	-48	1
18	UNL	15		1028.5	C	00	-39			2
19	100	10		1029.3	NW	08	-20	-20	-31	10
20	000	00	1/4BS	1017.4	N	14	-12	-12	-22	10
21	100	15		1020.5	C	00	-14	-14	-23	10
22	000	00	BS	998.3	N	30	-04	-04	-11	10
23	000	00	1/8BS	987.9	N	24	-01	-01	-07	10
24	UNL	15		1004.8	C	00	-19	-19	-30	9
25	000	00	BS	987.8	N	50	-10	-10	-17	10
26	030	15		997.0	C	00	-06	-06	-12	10
27	UNL	15		1013.8	C	00	-28	-25	-33	2
28	UNL	15		1027.0	C	00	-33	-33	-48	1
29	025	01	S-	1007.0	N	04	-11	-11	-17	10
30	UNL	15		1006.5	C	00	-15	-16	-25	2
31	080	15		1023.7	C	00	-15	-15	-23	8
AVG				1011.5		09	-10	-10	-18	07

CLYDE NWT
JANUARY 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1038.8	C	00	-14	-14	-22	0
02	030	10		1033.7	SW	08	-05	-06	-15	8
03	030	15		1009.6	SW	10	17	17	13	10
04	UNL	15		1035.0	C	00	-15	-15	-20	0
05	030	15		1022.9	ESE	14	-03	-04	-11	10
06	UNL	15		1009.7	C	00	-07	-08	-17	4
07	015	06	IF	1011.6	C	00	02	02	-05	10
08	015	01	1/2S-	996.1	SW	14	23	22	20	10
09	250	15		1020.4	C	00	-11	-12	-22	8
10	030	10		1015.8	C	00	03	03	-02	10
11	030	10		1011.4	N	14	01	00	-06	10
12	015	10		997.2	ENE	04	06	06	02	10
13	UNL	08		1012.6	SW	08	-03	-05	-12	5
14	015	00	1/2S-BS	979.4	NNW	14	13	13	11	10
15	UNL	10		992.7	SW	10	-12	-15	-22	1
16	UNL	15		1009.4	C	00	-30	-30	-49	0
17	UNL	15		1023.2	C	00	-34	-34	-49	0
18	UNL	10		1028.2	C	00	-49			0
19	100	10		1027.5	ESE	06	-18	-18	-29	10
20	030	01	BS	1016.2	NW	12	-10	-10	-18	10
21	100	15		1019.5	C	00	-10	-10	-16	10
22	000	00	BS	997.4	N	36	-07	-07	-14	10
23	030	00	1/2BS	988.1	N	16	-02	-02	-08	10
24	UNL	15		1007.3	C	00	-22	-22	-34	0
25	030	00	1/2BS	989.8	N	30	-09	-09	-16	10
26	030	10		999.1	C	00	-09	-09	-16	10
27	UNL	15		1016.5	C	00	-27	-27	-36	2
28	UNL	15		1027.0	C	00	-34	-34	-49	0
29	UNL	02	BS	1000.9	N	16	-10	-10	-17	4
30	UNL	15		1008.3	C	00	-16	-17	-24	0
31	080	15		1023.3	C	00	-09	-09	-17	10
AVG				1011.7		07	-10	-10	-18	06

SYNOPTIC OBSERVATIONS

CLYDE

CLYDE NWT FEBRUARY 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	020	02	S-	1023.4	C	00	-08	-08	-15	10
02	020	04	S-	1025.5	C	00	-07	-07	-14	10
03	UNL	10		1037.8	SE	06	00	-01	-08	3
04	030	04	IC	1014.8	C	00	25	24	22	10
05	UNL	15		1015.8	SE	20	32	31	30	4
06	030	15		1023.6	E	06	27	26	22	10
07	020	03	S-	1029.6	NW	10	12	11	06	10
08	UNL	15		1028.8	C	00	07	07	00	7
09	UNL	15		1023.9	C	00	06	05	-04	1
10	UNL	15		1027.6	C	00	-09	-09	-17	0
11	UNL	15		1014.9	C	00	-15	-15	-25	0
12	020	07		1000.6	N	06	10	09	03	10
13	015	04	S-	1007.4	N	06	-06	-07	-14	10
14	015	04	S-	1006.6	N	08	-13	-13	-22	10
15	UNL	15		1009.9	C	00	-31	-31	-45	0
16	UNL	15		1009.8	C	00	-23	-23	-36	0
17	030	15		1003.6	N	08	-15	-15	-25	10
18	080	10		1000.0	N	04	-05	-05	-13	7
19	030	04	BS	1003.5	N	20	00	00	-06	10
20	000	00	1/8BS	1010.2	N	30	01	00	-06	10
21	000	00	BS	1013.9	N	40	-03	-09	-10	10
22	080	15		1015.0	C	00	-04	-04	-10	8
23	UNL	05	BS	1010.1	N	10	02	01	-07	2
24	UNL	04	BS	996.7	N	20	-02	-03	-10	0
25	UNL	15		992.7	C	00	-12	-12	-22	0
26	UNL	25		994.4	C	00	-25	-25	-36	0
27	080	15		998.8	C	00	-23	-23	-36	6
28	UNL	15		1004.5	C	00	-34	-34	-49	0
AVG				1012.3		07	-04	-04	-12	06

CLYDE NWT FEBRUARY 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1024.1	C	00	-15	-15	-23	2
02	020	05	S-	1026.4	C	00	-04	-04	-11	10
03	100	15		1034.9	C	00	-01	-01	-09	8
04	030	10		1013.1	SE	30	34	32	28	10
05	UNL	15		1017.7	SE	12	31	30	27	5
06	030	15		1024.8	C	00	21	20	15	10
07	040	08		1029.3	NW	12	11	10	04	10
08	UNL	15		1028.6	C	00	08	07	00	6
09	UNL	15		1024.1	C	00	06	05	-05	0
10	UNL	15		1027.1	C	00	-07	-07	-19	0
11	UNL	15		1012.5	C	00	-18	-18	-27	1
12	020	07		1002.1	N	18	09	09	02	10
13	UNL	10		1007.6	N	04	-08	-08	-15	6
14	015	05	S-	1006.4	N	12	-15	-15	-23	10
15	UNL	15		1010.9	C	00	-23	-24	-33	6
16	UNL	15		1009.8	C	00	-26	-26	-41	2
17	030	10		1002.1	NW	16	-12	-12	-22	10
18	030	03	BS	998.9	N	18	-04	-04	-13	10
19	080	08		1005.6	N	14	00	-01	-08	7
20	000	00	BS	1010.4	NNW	36	01	01	-05	10
21	000	00	BS	1013.8	N	40	-04	-04	-11	10
22	020	05	S-	1014.7	NW	10	-01	-01	-06	10
23	000	00	BS	1008.5	N	30	04	03	-05	10
24	UNL	15		995.4	N	06	-04	-05	-13	0
25	UNL	15		992.2	C	00	-19	-19	-30	0
26	UNL	25		994.8	C	00	-21	-21	-33	0
27	UNL	15		999.8	C	00	-23	-24	-36	5
28	UNL	15		1005.1	C	00	-37			0
AVG				1012.2		09	-04	-05	-12	06

CLYDE NWT FEBRUARY 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1026.5	C	00	-21	-22	-39	0
02	UNL	15		1029.3	C	00	-02	-02	-08	1
03	UNL	15		1032.4	C	00	02	02	-05	4
04	030	10		1012.7	SE	30	35	33	31	10
05	UNL	15		1019.4	SE	14	30	28	24	9
06	030	15		1027.1	N	10	20	19	13	10
07	020	01	S-	1029.5	N	12	11	11	05	10
08	UNL	15		1028.3	C	00	12	10	02	8
09	UNL	15		1024.7	C	00	08	06	-09	0
10	UNL	15		1026.4	C	00	-04	-04	-11	1
11	UNL	15		1008.4	C	00	-17	-17	-27	7
12	020	01	BS	1003.9	N	18	05	04	-05	10
13	020	02	S-	1007.8	N	10	-09	-09	-17	10
14	080	07		1005.6	N	10	-15	-15	-25	9
15	100	15		1011.1	C	00	-24	-24	-45	10
16	UNL	15		1009.5	C	00	-20	-20	-31	9
17	015	03	S-	1001.3	N	10	-10	-10	-17	10
18	UNL	15		999.3	C	00	-04	-05	-13	2
19	000	00	1/4BS	1006.7	N	18	00	00	-05	10
20	000	00	BS	1011.0	N	40	01	01	-05	10
21	000	00	BS	1014.1	N	40	-04	-04	-11	10
22	015	05	S-	1014.3	N	10	00	00	-05	10
23	000	00	BS	1007.4	N	30	03	03	-06	10
24	UNL	25		993.7	N	06	-06	-06	-14	0
25	UNL	25		992.7	C	00	-18	-19	-31	0
26	100	25		995.3	C	00	-23	-23	-43	8
27	080	10		1000.7	C	00	-24	-25	-45	10
28	UNL	15		1005.8	C	00	-36			0
AVG				1012.3		09	-04	-04	-13	07

CLYDE NWT FEBRUARY 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1027.3	C	00	-21	-22	-39	1
02	UNL	15		1032.9	C	00	-02	-03	-08	1
03	040	15		1029.1	C	00	02	01	-07	9
04	015	07		1012.9	SE	30	35	33	31	10
05	015	15		1019.7	SE	04	32	31	28	8
06	015	03	S-	1028.0	N	02	20	19	13	10
07	020	03	S-	1029.0	N	10	11	11	04	10
08	UNL	15		1028.3	C	00	12	10	02	8
09	UNL	15		1025.9	C	00	02	01	-08	0
10	UNL	15		1025.8	C	00	-04	-04	-11	0
11	UNL	15		1006.7	C	00	-17	-17	-27	4
12	000	00	1/4BS	1006.2	N	26	05	04	-05	10
13	015	02	S-	1008.3	N	10	-09	-09	-17	10
14	040	07		1006.4	N	04	-15	-15	-25	7
15	UNL	15		1011.6	C	00	-24	-24	-41	2
16	UNL	15		1008.8	C	00	-20	-20	-34	4
17	015	01	S-BS	1000.3	N	18	-10	-10	-17	10
18	UNL	15		999.5	C	00	-04	-04	-12	3
19	000	00	1/4BS	1009.5	N	20	00	00	-05	10
20	000	00	BS	1011.9	N	40	01	01	-04	10
21	000	00	BS	1015.5	N	40	-04	-04	-10	10
22	015	02	BS	1014.6	N	20	00	00	-06	10
23	UNL	00	BS	1006.5	N	20	03	03	-06	3
24	UNL	25		992.8	C	00	-06	-07	-14	0
25	UNL	25		992.7	C	00	-19	-19	-32	0
26	UNL	25		995.5	C	00	-23	-23	-43	4
27	UNL	10		1001.3	C	00	-24	-25	-45	6
28	UNL	15		1006.6	C	00	-36			0
AVG				1012.5		09	-04	-05	-13	06

CLYDE NWT FEBRUARY 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1028.2	C	00	-22	-22	-34	3
02	UNL	15		1037.1	C	00	-18	-19	-29	8
03	040	15		1026.0	C	00	16	15	10	7
04	040	10		1011.3	SE	50	34	33	31	8
05	040	15		1019.6	SE	06	28	26	22	8
06	015	03	S-	1028.8	N	04	16	15	08	10
07	020	05	S-	1028.7	C	00	11	10	05	10
08	UNL	15		1029.9	C	00	11	10	01	8
09	UNL	15		1026.3	C	00	-01	-01	-08	0
10	UNL	15		1024.0	C	00	02	01	-10	1
11	300	15		1004.0	C	00	-06	-06	-14	8
12	000	00	1/2BS	1007.5	N	20	-03	-03	-09	10
13	030	07		1008.1	N	10	-11	-11	-19	9
14	UNL	15		1006.6	C	00	-17	-17	-29	0
15	UNL	15		1011.0	C	00	-24	-24	-41	5
16	UNL	15		1007.7	C	00	-17	-17	-29	7
17	080	07		998.8	N	10	-10	-10	-17	8
18	UNL	15		1000.1	NW	04	-02	-02	-07	2
19	000	00	BS	1007.1	N	40	00	00	-06	10
20	000	00	BS	1012.6	N	30	01	01	-05	10
21	080	07		1015.3	N	10	-04	-04	-11	10
22	030	10		1014.6	N	06	02	01	-08	9
23	UNL	00	1/2BS	1004.5	N	20	00	00	-05	0
24	UNL	25		992.4	C	00	-06	-06	-17	0
25	UNL	25		993.0	C	00	-18	-19	-31	0
26	UNL	25		995.8	C	00	-19	-19	-32	6
27	UNL	15		1001.9	C	00	-16	-16	-30	1
28	UNL	15		1005.8	C	00	-24	-25	-41	0
AVG				1012.4		08	-04	-04	-13	06

CLYDE NWT FEBRUARY 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1028.8	C	00	-22	-22	-34	3
02	UNL	15		1040.1	C	00	-18	-19	-29	4
03	UNL	15		1024.3	C	00	15	14	09	5
04	015	10		1012.9	SE	30	32	31	30	10
05	015	15		1021.2	C	00	28	26	22	10
06	020	07		1029.8	N	00	13	12	07	9
07	UNL	15		1028.8	C	00	00	00	-05	0
08	UNL	15		1026.7	C	00	11	09	01	8
09	UNL	15		1027.2	C	00	-01	-02	-08	0
10	UNL	15		1022.7	C	00	01	00	-09	8
11	100	15		1002.2	C	00	-05	-05	-12	9
12	015	03	BS	1008.4	N	14	-03	-03	-09	10
13	030	07		1008.3	N	10	-12	-12	-22	10
14	UNL	15		1007.5	C	00	-17	-17	-29	0
15	100	15		1011.3	C	00	-20	-20	-31	8
16	UNL	15		1007.6	C	00	-17	-17	-29	1
17	080	07		999.6	N	10	-10	-10	-17	9
18	080	15		1001.0	C	00	-02	-02	-07	6
19	000	00	BS	1008.3	N	30	00	00	-05	10
20	000	00	BS	1013.1	N	40	01	01	-04	10
21	080	15		1015.4	C	00	-02	-02	-07	10
22	030	10		1014.6	N	04	02	01	-07	10
23	UNL	10		1003.4	N	10	00	-01	-07	0
24	UNL	25		992.7	C	00	-06	-07	-14	0
25	UNL	25		993.7	C	00	-18	-18	-31	1
26	UNL	15		996.7	C	00	-19	-19	-32	2
27	UNL	15		1003.3	C	00	-16	-16	-30	1
28	UNL	15		1005.0	C	00	-24	-25	-41	0
AVG				1012.7		06	-04	-04	-13	06

CLYDE NWT FEBRUARY 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	100	15		1026.9	C	00	-16	-16	-24	8
02	080	10		1039.5	ESE	06	-01	-02	-11	10
03	030	15		1021.3	C	00	18	17	14	9
04	030	10		1012.8	SE	30	33	32	31	10
05	015	10		1021.1	C	00	28	26	23	10
06	015	03	S-	1030.0	NW	04	12	11	06	10
07	UNL	15		1028.8	C	00	06	05	-01	0
08	UNL	15		1025.3	C	00	09	08	-01	7
09	UNL	15		1027.4	C	00	-08	-08	-16	0
10	UNL	15		1020.3	C	00	05	04	-04	4
11	100	15		1001.2	C	00	04	03	-03	8
12	015	03	BS	1008.4	N	16	-06	-06	-12	10
13	020	06	S-	1007.8	N	10	-12	-12	-21	10
14	UNL	15		1008.7	C	00	-26	-26	-41	0
15	100	10		1010.5	C	00	-18	-18	-27	10
16	UNL	15		1006.2	C	00	-19	-19	-28	0
17	080	08		1000.9	N	14	-02	-02	-09	9
18	UNL	15		1001.4	C	00	-03	-03	-09	2
19	000	00	1/2BS	1009.2	N	28	-01	-01	-09	10
20	000	00	BS	1013.1	N	40	-01	-01	-08	10
21	080	15		1015.7	C	00	-05	-05	-12	8
22	UNL	05	BS	1013.7	N	14	01	01	-06	5
23	UNL	05	BS	1000.7	NW	16	-04	-04	-11	2
24	UNL	25		992.9	C	00	-10	-10	-18	0
25	UNL	25		994.0	C	00	-23	-23	-36	0
26	UNL	06	S-	996.9	C	00	-19	-19	-30	7
27	UNL	15		1003.8	C	00	-28	-26	-41	4
28	UNL	15		1004.0	C	00	-34	-35	-49	0
AVG				1012.2		06	-04	-05	-13	06

CLYDE NWT FEBRUARY 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	100	15		1026.4	C	00	-14	-14	-22	7
02	UNL	02	BS	1038.9	SE	20	04	04	-01	5
03	030	10		1018.1	C	00	20	19	15	10
04	030	10		1014.3	SE	20	32	31	30	8
05	UNL	15		1021.9	C	00	24	23	20	6
06	020	07		1029.6	N	10	12	11	07	10
07	UNL	15		1028.8	C	00	00	00	-03	0
08	UNL	15		1023.9	C	00	05	04	-04	1
09	UNL	15		1027.6	C	00	-08	-08	-17	0
10	UNL	15		1017.7	C	00	-12	-12	-19	0
11	UNL	15		1000.5	C	00	03	02	-05	6
12	015	05	S-	1007.7	N	10	-06	-07	-19	10
13	019	04	S-	1007.2	N	08	-19	-19	-21	10
14	UNL	15		1009.5	C	00	-27	-27	-39	0
15	UNL	15		1009.8	C	00	-19	-19	-28	2
16	UNL	15		1004.5	C	00	-20	-20	-31	0
17	080	10		1000.9	N	04	-04	-05	-13	6
18	UNL	15		1002.3	C	00	-02	-02	-08	0
19	050	04	S-	1009.8	N	06	00	00	-07	8
20	000	00	BS	1014.1	N	30	-01	-01	-07	10
21	UNL	15		1015.5	C	00	-04	-04	-11	0
22	030	08		1011.9	N	16	01	00	-07	10
23	UNL	05	BS	998.1	N	20	-02	-02	-09	9
24	UNL	25		992.8	C	00	-12	-12	-21	0
25	UNL	25		994.2	C	00	-24	-24	-37	0
26	UNL	15		997.8	C	00	-21	-22	-33	0
27	UNL	15		1004.1	C	00	-26	-27	-43	0
28	UNL	15		1003.9	C	00	-36			0
AVG				1011.8		05	-03	-06	-19	04

SYNOPTIC OBSERVATIONS

CLYDE

CLYDE NWT
MARCH 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1003.7	C	00	-36			0
02	UNL	15		1014.7	C	00	-25	-25	-43	0
03	UNL	25		1008.1	N	04	-23	-23	-39	0
04	100	10		1004.7	N	10	-17	-17	-29	6
05	UNL	15		1001.1	N	16	-12	-13	-22	6
06	080	15		996.9	C	00	-05	-05	-12	7
07	UNL	25		1007.1	C	00	-16	-16	-92	0
08	UNL	25		1014.4	C	00	-26	-27	-45	2
09	UNL	15		1013.9	C	00	-18	-19	-31	10
10	UNL	15		1013.3	C	00	-18	-19	-31	0
11	UNL	25		1018.9	C	00	-18	-18	-31	0
12	100	25		1021.5	C	00	-10	-10	-20	10
13	100	15		1016.1	C	00	-21	-22	-33	10
14	030	10		1005.6	C	00	-12	-12	-19	10
15	UNL	15		1018.6	C	00	-24	-24	-34	3
16	UNL	25		1025.4	C	00	-27	-27	-42	0
17	UNL	25		1020.3	C	00	-33	-33	-48	3
18	UNL	25		1024.0	C	00	-37			0
19	UNL	25		1031.1	C	00	-39			0
20	100	15		1031.7	C	00	-30	-30	-39	10
21	UNL	25		1029.6	C	00	-30	-30	-39	0
22	UNL	25		1012.3	C	00	-26	-26	-37	3
23	UNL	15		1008.9	C	00	-31	-31	-40	0
24	100	15		1000.0	SW	16	-22	-29	-34	8
25	UNL	15		1004.0	C	00	-33	-33	-48	5
26	UNL	10		1001.2	C	00	-37			3
27	020	07		1001.9	C	00	-21	-21	-31	10
28	UNL	15		1005.9	C	00	-25	-25	-36	2
29	020	03	S-	996.1	C	00	-15	-16	-29	10
30	UNL	15		994.7	C	00	-20	-20	-34	4
31	UNL	03	BS	1001.8	S	20	-18	-19	-33	6
AVG				1011.2		02	-23	-24	-35	04

CLYDE NWT
MARCH 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1005.6	C	00	-36			0
02	UNL	15		1014.7	C	00	-25	-25	-43	0
03	UNL	01	BS	1008.6	N	20	-23	-23	-39	0
04	100	10		1004.5	N	12	-16	-17	-28	6
05	080	10		1000.0	N	20	-13	-13	-22	6
06	UNL	15		998.7	C	00	-05	-06	-13	4
07	UNL	25		1008.3	C	00	-16	-16	-30	0
08	UNL	25		1014.7	C	00	-26	-27	-45	10
09	UNL	15		1013.8	C	00	-18	-19	-31	10
10	UNL	15		1013.4	C	00	-17	-17	-27	0
11	UNL	25		1019.4	C	00	-18	-18	-33	10
12	100	25		1020.4	C	00	-10	-10	-20	10
13	100	15		1014.7	C	00	-22	-22	-34	10
14	100	15		1007.5	C	00	-14	-14	-22	6
15	UNL	15		1019.9	C	00	-24	-24	-34	2
16	UNL	25		1026.4	C	00	-33	-33	-48	0
17	100	15		1020.4	C	00	-27	-27	-42	8
18	UNL	25		1025.9	C	00	-37			0
19	UNL	25		1032.0	C	00	-38			0
20	100	15		1031.2	C	00	-27	-27	-36	8
21	UNL	25		1029.4	C	00	-31	-31	-40	0
22	100	15		1009.9	C	00	-22	-22	-34	9
23	UNL	15		1008.4	C	00	-34	-34	-44	0
24	020	06	S-	1000.5	E	10	-25	-25	-36	10
25	030	10		1003.8	NE	06	-35	-35	-51	8
26	UNL	15		1000.8	C	00	-40			1
27	020	04	S-	1001.7	C	00	-17	-18	-27	10
28	UNL	15		1006.3	C	00	-29	-30	-46	4
29	UNL	10		995.6	C	00	-18	-18	-31	6
30	UNL	03	IF	995.5	SW	10	-20	-20	-22	2
31	UNL	04	BS	1002.1	S	20	-17	-18	-32	6
AVG				1011.4		03	-24	-24	-36	05

CLYDE NWT
MARCH 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1006.0	C	00	-34	-34	-40	0
02	UNL	15		1014.3	C	00	-35	-36	-51	0
03	UNL	10		1008.9	N	10	-20	-20	-37	7
04	030	10		1004.4	N	16	-15	-16	-26	10
05	080	05	BS	999.0	N	20	-08	-08	-17	10
06	UNL	15		1000.5	C	00	-12	-12	-21	3
07	UNL	25		1009.8	C	00	-24	-24	-37	0
08	100	15		1014.6	C	00	-18	-18	-31	10
09	UNL	15		1013.7	C	00	-20	-20	-31	10
10	030	15		1013.9	C	00	-15	-16	-28	8
11	UNL	25		1020.2	C	00	-11	-11	-19	1
12	015	01	S-	1019.4	C	00	-10	-11	-20	10
13	010	01	S-	1012.9	C	00	-10	-10	-15	10
14	UNL	04	BS	1009.1	W	10	-19	-14	-27	3
15	UNL	25		1021.2	C	00	-27	-28	-47	1
16	UNL	25		1026.7	C	00	-31	-31	-50	0
17	UNL	25		1020.6	C	00	-32	-32	-52	1
18	UNL	25		1027.2	C	00	-35			0
19	UNL	25		1032.5	C	00	-37			0
20	100	15		1030.8	C	00	-25	-25	-43	8
21	UNL	25		1028.8	C	00	-30	-30	-43	0
22	100	15		1007.8	C	00	-19	-19	-28	9
23	UNL	15		1006.6	C	00	-28	-29	-44	0
24	020	07		1001.4	C	00	-27	-30	-53	8
25	010	03	IF	1003.8	C	00	-33	-33	-33	9
26	020	07		1000.9	C	00	-37			9
27	015	03	S-	1001.8	N	10	-16	-16	-24	10
28	040	07		1006.3	C	00	-21	-22	-33	9
29	UNL	25		994.8	C	00	-21	-21	-39	1
30	UNL	00	BS	997.3	SW	30	-20	-20	-22	6
31	UNL	15		1003.9	SW	20	-19	-19	-30	2
AVG				1011.6		04	-25	-23	-35	05

CLYDE NWT
MARCH 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1007.7	C	00	-33	-33	-39	0
02	UNL	25		1013.8	C	00	-30	-30	-48	0
03	UNL	15		1009.7	N	10	-19	-19	-35	8
04	030	10		1003.8	N	20	-14	-15	-27	10
05	080	10		997.9	N	06	-04	-05	-13	10
06	UNL	25		1002.1	C	00	-14	-15	-23	1
07	UNL	25		1011.2	C	00	-21	-21	-36	0
08	100	15		1014.6	C	00	-10	-11	-21	10
09	UNL	15		1013.4	C	00	-13	-13	-24	8
10	UNL	25		1014.9	C	00	-16	-16	-28	1
11	UNL	25		1020.6	C	00	-12	-12	-22	0
12	UNL	15		1019.2	C	00	-10	-11	-20	1
13	010	01	S-	1010.9	N	10	-10	-10	-15	10
14	UNL	15		1010.0	W	10	-13	-14	-25	3
15	UNL	25		1022.0	C	00	-18	-19	-33	1
16	UNL	25		1025.8	C	00	-30	-30	-40	0
17	UNL	25		1021.0	C	00	-30	-30	-48	0
18	UNL	25		1028.3	C	00	-35			0
19	UNL	25		1032.4	C	00	-35			0
20	UNL	25		1030.7	C	00	-23	-24	-43	0
21	UNL	25		1026.8	C	00	-26	-27	-45	0
22	UNL	15		1006.2	C	00	-18	-18	-43	0
23	UNL	15		1004.2	C	00	-20	-21	-37	0
24	UNL	07		1001.9	C	00	-25	-25	-48	7
25	010	07		1002.8	C	00	-26	-27	-50	8
26	020	07		1000.9	C	00	-35			8
27	015	03	S-	1001.5	N	10	-16	-16	-24	10
28	UNL	10		1005.5	C	00	-21	-21	-35	6
29	UNL	25		994.0	C	00	-19	-19	-32	0
30	UNL	00	BS	999.2	SW	30	-20	-20	-22	6
31	UNL	01	BS	1005.2	SW	20	-19	-19	-30	6
AVG				1011.6		04	-21	-21	-34	04

CLYDE NWT
MARCH 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1008.9	C	00	-23	-23	-43	0
02	UNL	25		1011.9	N	04	-11	-12	-32	0
03	100	15		1009.0	N	14	-19	-19	-35	9
04	080	10		1003.0	N	20	-12	-13	-24	10
05	080	10		996.3	N	20	-05	-05	-13	9
06	UNL	25		1003.2	C	00	-10	-10	-21	0
07	UNL	25		1012.0	C	00	-17	-18	-29	3
08	250	15		1014.6	C	00	-11	-11	-22	10
09	UNL	15		1013.0	C	00	-09	-10	-20	6
10	UNL	25		1015.4	C	00	-16	-16	-28	1
11	UNL	25		1021.1	C	00	-03	-04	-14	0
12	UNL	25		1018.2	C	00	-13	-13	-22	1
13	015	03	BS	1009.1	N	18	-10	-10	-17	10
14	UNL	15		1012.0	W	10	-08	-08	-20	4
15	UNL	25		1023.1	C	00	-17	-18	-32	1
16	UNL	25		1025.2	C	00	-20	-21	-37	0
17	UNL	25		1021.1	C	00	-29	-30	-52	0
18	UNL	25		1029.4	C	00	-28	-28	-44	0
19	UNL	25		1032.4	C	00	-23	-24	-39	1
20	UNL	25		1029.8	C	00	-19	-20	-38	0
21	250	25		1024.7	C	00	-15	-15	-28	8
22	UNL	15		1006.3	C	00	-10	-11	-23	0
23	UNL	15		1001.8	C	00	-24	-24	-45	1
24	UNL	15		1002.8	C	00	-21	-22	-43	6
25	020	10		1002.2	C	00	-20	-21	-37	9
26	020	07		1000.9	C	00	-27	-27	-39	10
27	UNL	07		1001.6	N	12	-13	-13	-25	5
28	250	15		1003.7	N	06	-14	-15	-25	8
29	UNL	25		992.7	C	00	-09	-10	-20	0
30	UNL	15		1000.4	SW	16	-26	-26	-37	4
31	UNL	01	BS	1005.5	SW	30	-16	-17	-30	6
AVG				1011.3		05	-16	-17	-30	04

CLYDE NWT
MARCH 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1010.9	C	00	-23	-23	-43	0
02	UNL	25		1010.8	C	00	-14	-15	-31	0
03	100	15		1008.0	N	08	-19	-16	-31	9
04	UNL	15		1002.8	N	14	-13	-13	-24	6
05	080	10		995.9	N	20	-06	-06	-14	10
06	UNL	25		1004.7	C	00	-14	-14	-25	0
07	UNL	25		1012.9	C	00	-18	-18	-31	3
08	UNL	15		1014.4	C	00	-14	-14	-25	10
09	UNL	15		1013.8	C	00	-13	-13	-24	2
10	UNL	25		1017.2	C	00	-17	-17	-29	5
11	UNL	25		1021.8	C	00	-06	-06	-15	1
12	UNL	25		1018.1	C	00	-14	-14	-23	7
13	015	03	BS	1008.1	N	20	-10	-10	-17	10
14	UNL	15		1013.9	W	04	-08	-08	-18	4
15	UNL	25		1024.2	C	00	-17	-18	-32	1
16	UNL	25		1024.5	C	00	-23	-24	-48	0
17	UNL	25		1022.4	C	00	-29	-30	-52	0
18	UNL	25		1030.3	C	00	-30	-30	-43	0
19	UNL	25		1033.0	C	00	-25	-25	-34	1
20	UNL	25		1030.8	C	00	-19	-20	-38	0
21	250	25		1023.4	C	00	-15	-16	-31	8
22	UNL	15		1006.4	C	00	-10	-11	-23	0
23	UNL	15		1000.9	C	00	-24	-24	-41	1
24	UNL	15		1003.7	C	00	-22	-22	-45	1
25	UNL	10		1002.2	C	00	-22	-23	-45	6
26	020	07		1000.9	C	00	-27	-27	-39	10
27	UNL	10		1002.5	C	00	-15	-15	-24	1
28	250	15		1002.3	C	00	-14	-15	-25	8
29	UNL	25		992.6	C	00	-09	-10	-20	6
30	UNL	15		1001.0	SW	16	-25	-25	-39	4
31	UNL	15		1008.3	SW	10	-17	-18	-32	3
AVG				1011.7		03	-17	-17	-32	04

CLYDE NWT
MARCH 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1012.8	C	00	-24	-24	-41	0
02	UNL	25		1009.9	C	00	-20	-20	-34	0
03	UNL	10		1007.5	N	10	-16	-16	-24	6
04	UNL	15		1002.8	N	10	-13	-13	-24	6
05	080	10		998.3	N	10	-06	-07	-14	10
06	UNL	25		1005.7	C	00	-14	-15	-25	0
07	UNL	25		1014.3	C	00	-18	-18	-33	7
08	UNL	15		1014.6	C	00	-18	-19	-31	4
09	UNL	15		1013.9	C	00	-13	-14	-24	1
10	UNL	25		1017.9	C	00	-17	-18	-32	4
11	UNL	25		1022.5	C	00	-06	-06	-15	1
12	UNL	25		1018.0	C	00	-21	-21	-33	1
13	015	08		1006.7	N	16	-11	-11	-18	10
14	UNL	15		1015.9	C	00	-14	-14	-25	2
15	UNL	25		1024.6	C	00	-26	-26	-41	2
16	UNL	25		1022.7	C	00	-30	-30	-54	1
17	UNL	25		1025.2	C	00	-30	-31	-48	1
18	UNL	25		1030.9	C	00	-34	-34	-49	1
19	UNL	25		1032.7	C	00	-31	-31	-45	1
20	UNL	25		1030.9	C	00	-29	-29	-42	1
21	UNL	25		1019.9	C	00	-26	-26	-41	1
22	030	10		1007.8	C	00	-19	-19	-30	9
23	100	10		1000.3	C	00	-28	-28	-44	10
24	UNL	15		1004.2	C	00	-32	-32	-52	3
25	020	07		1001.7	C	00	-34	-34	-57	9
26	020	07		1001.2	C	00	-26	-26	-37	10
27	UNL	10		1003.3	C	00	-22	-22	-32	3
28	250	15		1000.1	C	00	-17	-17	-29	10
29	UNL	25		992.5	C	00	-16	-16	-28	2
30	UNL	00	1/4BS	1001.6	S	30	-17	-18	-32	3
31	100	15		1009.2	SW	08	-21	-22	-36	8
AVG				1011.8		03	-21	-21	-88	04

CLYDE NWT
MARCH 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1014.3	C	00	-24	-24	-41	0
02	UNL	25		1008.4	C	00	-20	-21	-34	0
03	UNL	10		1006.4	N	10	-16	-17	-24	6
04	UNL	15		1002.0	N	10	-13	-13	-25	6
05	080	10		996.8	N	10	-06	-07	-15	10
06	UNL	25		1006.0	C	00	-14	-15	-27	0
07	UNL	25		1014.1	C	00	-18	-19	-31	7
08	UNL	15		1014.5	C	00	-18	-19	-31	4
09	UNL	15		1013.3	C	00	-13	-14	-24	0
10	UNL	25		1018.2	C	00	-17	-18	-32	0
11	UNL	25		1022.1	C	00	-06	-06	-13	1
12	UNL	25		1017.4	C	00	-21	-21	-33	3
13	030	10		1005.8	N	04	-11	-11	-18	9
14	UNL	15		1017.3	C	00	-20	-20	-31	0
15	UNL	25		1025.1	C	00	-28	-28	-44	3
16	UNL	25		1021.2	C	00	-31	-31	-50	0
17	UNL	25		1023.7	C	00	-37			0
18	UNL	25		1031.2	C	00	-36			0
19	UNL	25		1032.5	C	00	-33	-33	-48	0
20	UNL	25		1030.6	C	00	-27	-27	-39	0
21	UNL	25		1015.9	C	00	-28	-28	-40	0
22	UNL	15		1008.9	C	00	-25	-26	-43	2
23	UNL	15		1000.0	SW	08	-29	-23	-36	2
24	UNL	15		1004.3	SW	10	-26	-27	-41	4
25	UNL	10		1001.3	C	00	-35	-36	-51	2
26	020	07		1001.9	C	00	-24	-25	-34	10
27	UNL	15		1004.7	C	00	-21	-21	-31	3
28	250	15		998.2	C	00	-17	-17	-29	10
29	UNL	15		999.7	S	08	-19	-19	-32	3
30	UNL	00	1/4BS	1001.2	S	30	-18	-19	-33	4
31	UNL	15		1010.3	C	00	-30	-30	-48	0
AVG				1011.7		03	-22	-22	-34	09

SYNOPTIC OBSERVATIONS

CLYDE

CLYDE NWT
APRIL 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1011.3	C	00	-31	-31	-50	0
02	UNL	25		1018.5	C	00	-33	-33	-48	0
03	UNL	25		1011.9	C	00	-20	-20	-34	0
04	UNL	25		1010.0	C	00	-16	-16	-28	10
05	UNL	25		1011.0	C	00	-17	-17	-24	0
06	UNL	25		1020.8	C	00	-13	-14	-22	0
07	UNL	25		1033.6	C	00	-06	-07	-15	10
08	UNL	15		1039.7	C	00	-05	-05	-13	6
09	025	01	S-	1041.4	C	00	06	05	-03	10
10	020	10		1039.1	C	00	08	07	02	10
11	UNL	10		1029.1	C	00	05	05	-01	2
12	UNL	15		1024.9	N	10	10	09	04	1
13	UNL	10		1017.6	N	20	10	09	04	0
14	030	10		1021.3	C	00	14	13	08	9
15	030	15		1024.6	C	00	08	08	02	9
16	000	00	F	1023.2	C	00	03	02	-05	10
17	UNL	10		1020.7	C	00	-07	-07	-13	3
18	UNL	10		1024.3	C	00	07	06	00	6
19	UNL	10		1026.0	N	20	09	08	02	1
20	UNL	15		1021.9	NW	04	11	10	03	0
21	UNL	25		1022.7	C	00	04	04	-03	1
22	UNL	25		1018.2	C	00	04	04	-02	6
23	UNL	25		1012.1	C	00	07	07	00	8
24	UNL	10		1010.8	C	00	06	06	-01	5
25	040	10		1016.8	N	06	06	06	-01	9
26	UNL	15		1016.7	C	00	00	00	-07	2
27	UNL	15		1017.9	C	00	-09	-10	-15	1
28	001	00	1/81F	1015.5	ESE	03	05	05	01	10
29	030	10		1015.0	C	00	01	01	-04	10
30	035	03	BS	1011.8	NW	19	03	03	-02	10
AVG				1020.7		03	-01	-01	-09	05

CLYDE NWT
APRIL 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1012.6	C	00	-31	-31	-50	0
02	UNL	25		1019.7	C	00	-37			0
03	UNL	25		1010.5	C	00	-23	-24	-39	1
04	UNL	25		1010.0	C	00	-21	-21	-33	2
05	UNL	25		1011.5	C	00	-19	-19	-26	1
06	UNL	25		1023.6	C	00	-17	-17	-25	8
07	300	15		1035.1	C	00	-06	-07	-15	9
08	UNL	25		1040.4	C	00	-07	-07	-14	8
09	025	01	S-	1040.5	C	00	06	05	-02	10
10	020	10		1032.6	C	00	06	06	01	10
11	UNL	15		1028.8	C	00	03	03	-05	0
12	UNL	15		1024.3	C	00	08	08	00	0
13	UNL	10		1019.6	N	20	08	08	00	1
14	030	10		1021.2	C	00	12	12	06	9
15	030	15		1025.2	C	00	09	08	03	9
16	UNL	10		1022.9	C	00	-03	-03	-09	0
17	UNL	15		1021.7	C	00	-03	-04	-10	2
18	030	10		1024.9	N	10	09	08	03	10
19	UNL	10		1025.5	N	16	11	10	03	0
20	UNL	15		1022.1	NW	04	13	12	06	0
21	UNL	25		1022.9	C	00	05	05	-02	1
22	UNL	25		1017.8	C	00	03	02	-05	6
23	UNL	25		1011.7	C	00	08	07	00	8
24	030	10		1012.0	C	00	05	05	-01	7
25	UNL	10		1017.8	N	10	05	05	-01	7
26	UNL	15		1016.8	C	00	-02	-02	-08	1
27	UNL	05	IF	1018.7	ESE	03	-10	-10	-13	0
28	001	00	1/41F	1015.3	C	00	-03	-09	-07	10
29	030	12		1015.1	N	07	-01	-01	-06	10
30	040	10		1011.4	NW	14	03	03	-03	9
AVG				1021.1		03	-02	-03	-09	05

CLYDE NWT
APRIL 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	25		1014.5	C	00	-29	-29	-42	0
02	UNL	25		1020.7	C	00	-33	-33	-54	0
03	UNL	25		1009.4	C	00	-18	-18	-33	0
04	UNL	25		1009.7	C	00	-22	-22	-37	2
05	UNL	25		1011.1	C	00	-16	-16	-28	1
06	UNL	25		1025.5	C	00	-13	-14	-24	9
07	300	25		1036.5	C	00	-01	-02	-11	9
08	UNL	25		1040.9	C	00	-02	-02	-11	8
09	030	02	S-	1039.3	C	00	07	06	00	10
10	250	15		1032.5	C	00	03	02	-03	9
11	UNL	15		1027.7	C	00	09	07	00	2
12	UNL	10		1022.4	NW	20	12	11	04	1
13	030	10		1021.2	N	14	06	05	-01	7
14	030	15		1022.7	C	00	09	09	03	8
15	020	10		1025.3	C	00	10	10	05	10
16	015	10		1022.2	C	00	06	06	-01	9
17	080	15		1022.6	C	00	03	02	-04	8
18	UNL	10		1026.1	N	10	09	08	03	5
19	UNL	15		1025.3	NW	24	14	13	07	0
20	UNL	25		1021.6	C	00	17	16	11	0
21	UNL	25		1023.0	C	00	05	04	-02	0
22	UNL	25		1017.0	C	00	06	05	-01	9
23	100	15		1011.2	C	00	12	11	04	10
24	200	10		1013.0	N	04	08	07	02	7
25	040	08		1017.6	N	10	06	06	00	8
26	UNL	25		1016.7	C	00	06	05	00	1
27	UNL	06	IF	1018.5	C	00	00	00	-05	0
28	030	04	IF	1019.3	C	00	02	02	-03	8
29	035	08		1015.1	N	08	03	03	-02	10
30	UNL	10		1011.3	NW	16	05	05	-01	3
AVG				1021.2		04	01	00	-07	05

CLYDE NWT
APRIL 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	25		1015.1	C	00	-26	-27	-41	0
02	UNL	25		1020.7	C	00	-29	-29	-46	0
03	UNL	25		1008.5	C	00	-16	-17	-35	0
04	090	15		1008.8	C	00	-20	-21	-34	10
05	UNL	25		1011.7	C	00	-12	-12	-22	1
06	UNL	25		1026.1	C	00	-10	-11	-21	9
07	070	03	S-	1037.1	C	00	00	-01	-08	10
08	250	25		1041.4	C	00	00	-01	-09	8
09	030	02	S-	1038.1	C	00	09	09	03	10
10	035	10		1032.1	C	00	06	06	00	10
11	UNL	15		1027.4	N	10	13	11	04	1
12	UNL	00	1/28S	1020.0	NW	30	12	11	04	3
13	005	00	1/4S-BS	1020.7	N	26	14	13	07	10
14	UNL	25		1023.2	C	00	10	09	04	3
15	020	10		1025.3	C	00	11	11	04	10
16	010	04	F	1021.7	C	00	07	07	00	10
17	080	15		1022.6	C	00	05	04	-03	6
18	UNL	10		1026.6	N	04	09	08	00	3
19	UNL	15		1024.8	NW	18	15	14	08	1
20	UNL	25		1021.5	C	00	21	20	15	1
21	UNL	25		1022.6	C	00	12	11	04	0
22	UNL	25		1016.4	C	00	14	13	07	5
23	100	15		1009.8	C	00	20	19	12	10
24	UNL	10		1014.0	N	10	10	09	04	6
25	UNL	15		1017.0	N	08	09	08	03	4
26	UNL	25		1016.8	C	00	11	10	05	0
27	008	04	IF	1018.1	C	00	03	03	-02	9
28	010	04	IF	1014.8	C	00	05	04	01	10
29	012	08		1014.4	N	10	05	05	-01	10
30	UNL	15		1011.0	NW	10	07	06	01	1
AVG				1020.9		04	04	03	-05	05

CLYDE NWT
APRIL 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	25		1015.6	C	00	-17	-17	-34	0
02	UNL	25		1019.9	C	00	-19	-20	-38	0
03	UNL	25		1008.3	C	00	-08	-09	-20	0
04	UNL	15		1008.4	C	00	-06	-07	-18	8
05	UNL	25		1012.3	C	00	-09	-06	-13	0
06	300	25		1026.8	C	00	05	05	00	9
07	UNL	25		1037.3	C	00	08	07	02	2
08	250	25		1042.1	C	00	07	06	-02	8
09	020	01	S-	1037.2	C	00	10	10	05	10
10	035	07		1031.5	C	00	08	08	02	10
11	UNL	15		1026.7	N	10	15	14	06	4
12	UNL	04	BS	1018.4	NW	20	15	14	08	3
13	005	00	1/4S-BS	1020.8	N	24	15	14	08	10
14	UNL	25		1023.6	C	00	17	16	11	1
15	020	10		1024.9	C	00	19	18	12	9
16	UNL	10		1020.8	C	00	09	08	02	6
17	UNL	15		1022.6	C	00	16	15	09	0
18	UNL	10		1026.2	N	10	13	12	06	1
19	UNL	15		1023.6	NW	10	19	18	13	1
20	UNL	25		1021.3	NW	06	20	18	14	1
21	UNL	25		1022.2	C	00	19	18	13	0
22	UNL	25		1015.6	C	00	22	21	16	7
23	100	15		1008.9	C	00	16	15	10	10
24	020	05	S-	1014.6	N	14	11	10	05	10
25	UNL	15		1017.0	N	10	10	10	04	3
26	UNL	25		1017.0	C	00	12	11	06	0
27	UNL	05	IF	1017.6	C	00	04	04	-01	4
28	008	05	IF	1014.6	C	00	07	07	03	10
29	012	05	IF	1013.6	N	14	06	06	00	10
30	UNL	15		1010.9	NW	10	08	07	02	2
AVG				1020.7		04	09	08	01	05

CLYDE NWT
APRIL 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	25		1016.7	C	00	-17	-17	-34	0
02	UNL	25		1019.6	C	00	-19	-20	-38	0
03	UNL	25		1008.8	C	00	-10	-11	-23	0
04	UNL	25		1008.7	C	00	-10	-11	-23	0
05	UNL	25		1013.9	C	00	-08	-08	-18	0
06	100	25		1028.3	C	00	-02	-02	-06	10
07	UNL	25		1037.4	C	00	06	06	00	1
08	100	25		1042.7	C	00	06	05	-03	9
09	020	01	S-	1035.9	C	00	10	09	05	10
10	025	04	S-	1031.0	N	06	07	07	02	10
11	UNL	15		1026.4	N	10	14	13	09	2
12	UNL	06	BS	1017.1	NW	20	15	14	08	1
13	030	07		1020.8	N	08	18	17	12	10
14	UNL	25		1024.1	C	00	12	11	04	1
15	015	10		1024.8	C	00	14	13	07	9
16	UNL	15		1020.4	C	00	09	08	02	0
17	UNL	15		1022.8	C	00	16	15	09	0
18	UNL	15		1026.7	N	04	13	12	06	1
19	UNL	15		1023.6	NW	10	17	16	10	1
20	UNL	25		1022.0	NW	10	18	17	12	2
21	UNL	25		1021.6	C	00	15	14	09	1
22	UNL	25		1014.8	C	00	18	17	12	6
23	200	10		1008.6	C	00	15	14	08	8
24	035	10		1015.4	N	10	11	10	05	10
25	UNL	15		1017.0	N	10	10	09	04	4
26	UNL	25		1017.3	C	00	13	12	07	0
27	UNL	00	1/4IF	1017.1	C	00	03	03	-02	0
28	006	05	IF	1015.1	N	06	05	04	01	10
29	012	05	IF	1013.2	N	16	07	06	01	10
30	UNL	15		1011.2	NW	14	08	08	02	9
AVG				1020.8		04	07	06	00	04

CLYDE NWT
APRIL 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	25		1018.2	C	00	-30	-31	-43	1
02	UNL	25		1016.9	C	00	-25	-25	-36	0
03	UNL	25		1009.5	C	00	-16	-16	-28	3
04	UNL	25		1010.3	C	00	-16	-16	-28	0
05	UNL	25		1016.9	C	00	-05	-05	-13	2
06	UNL	25		1030.3	C	00	-02	-02	-09	7
07	100	25		1038.8	C	00	00	00	-07	10
08	100	15		1043.4	C	00	06	05	-03	10
09	020	10		1035.0	C	00	09	08	04	10
10	020	02	S-	1030.8	N	04	06	06	02	10
11	UNL	15		1026.3	N	10	09	09	03	2
12	UNL	10		1016.2	N	20	11	11	05	1
13	UNL	10		1020.9	N	04	12	11	06	4
14	UNL	25		1024.6	C	00	03	02	-05	1
15	001	01	F	1024.4	C	00	14	13	07	10
16	002	01	F	1019.9	C	00	03	03	-03	10
17	UNL	15		1023.0	C	00	11	10	05	0
18	UNL	15		1027.0	N	08	11	10	04	1
19	UNL	15		1023.5	NW	14	15	14	08	2
20	UNL	25		1022.3	NW	10	17	16	09	2
21	UNL	25		1020.9	C	00	10	09	02	2
22	UNL	25		1014.5	C	00	16	15	11	6
23	UNL	10		1009.0	C	00	10	09	03	4
24	040	10		1016.0	N	06	10	09	03	9
25	UNL	15		1016.8	N	02	07	07	00	6
26	UNL	15		1017.5	C	00	04	04	-02	0
27	UNL	00	1/4IF	1016.7	C	00	01	01	-03	0
28	008	05	IF	1015.1	N	05	03	03	-01	10
29	100	08		1012.9	N	16	04	03	-02	7
30	UNL	15		1011.9	NW	14	05	05	-01	3
AVG				1021.0		04	03	03	-04	04

CLYDE NWT
APRIL 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	25		1018.2	C	00	-31	-31	-45	0
02	UNL	25		1014.8	C	00	-30	-30	-43	0
03	UNL	25		1010.1	C	00	-16	-16	-28	6
04	UNL	25		1011.2	C	00	-17	-17	-24	0
05	UNL	25		1019.8	C	00	-13	-13	-22	1
06	UNL	25		1031.7	C	00	-09	-09	-17	3
07	250	15		1039.4	C	00	-02	-03	-09	10
08	030	02	S-	1042.5	C	00	06	05	-03	10
09	020	10		1034.0	C	00	08	07	02	10
10	020	04	S-	1029.6	C	00	06	06	00	10
11	UNL	15		1025.5	N	04	07	06	00	1
12	UNL	10		1017.0	N	20	11	10	05	1
13	030	10		1021.5	C	00	11	10	05	7
14	030	15		1024.6	C	00	02	02	-06	9
15	001	00	3/4F	1023.7	C	00	10	09	02	10
16	UNL	07		1020.6	C	00	-02	-02	-08	3
17	030	10		1023.9	C	00	10	09	02	9
18	UNL	10		1026.8	N	16	09	09	02	2
19	UNL	15		1022.5	NW	10	12	11	04	2
20	UNL	25		1022.6	NW	02	15	14	08	1
21	UNL	25		1019.5	C	00	09	08	03	4
22	UNL	25		1013.2	C	00	11	10	05	6
23	UNL	10		1009.8	C	00	09	08	03	5
24	040	10		1016.4	C	00	08	08	02	10
25	UNL	15		1016.5	C	00	06	05	-02	5
26	UNL	15		1017.8	C	00	-05	-05	-10	1
27	UNL	00	1/4IF	1016.0	ESE	03	-03	-03	-03	0
28	010	05	IF	1015.2	N	03	02	02	-02	10
29	035	07		1012.2	NW	17	03	03	-02	10
30	UNL	15		1012.0	W	10	00	00	-05	7
AVG				1020.9		03	01	00	-06	05

SYNOPTIC OBSERVATIONS

CLYDE

CLYDE NWT
MAY 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	040	12		1011.6	WNW	10	-04	-04	-09	10
02	040	06	S-	1011.2	NW	03	10	09	05	10
03	080	15		1011.9	C	00	07	07	01	10
04	UNL	15		1015.4	S	04	-01	-01	-07	0
05	008	02	S-F	1010.7	E	10	10	10	06	10
06	080	10		1012.4	NNW	05	10	10	05	10
07	070	15		1015.0	NNW	07	13	12	07	10
08	070	15		1013.2	WNW	08	14	13	08	7
09	080	15		1008.0	W	20	18	17	12	10
10	070	15		1009.0	NW	05	13	12	05	10
11	UNL	15		1005.0	C	00	04	04	-04	0
12	UNL	04	F	1006.0	E	03	04	04	01	1
13	008	00	1/4IF	1006.7	E	03	07	07	03	10
14	040	05	S-	1007.4	NNW	03	14	14	10	10
15	065	10		1010.4	NW	12	13	13	08	10
16	035	25		1014.4	C	00	12	11	06	10
17	UNL	15		1016.5	C	00	06	06	-01	2
18	UNL	15		1023.0	C	00	05	04	-04	3
19	030	05	S-	1020.0	N	10	16	15	11	10
20	030	10	S-	1023.3	C	00	13	13	09	10
21	015	10		1020.0	W	12	15	14	09	10
22	UNL	25		1008.4	C	00	-02	-02	-09	0
23	UNL	25		1000.1	N	03	10	09	04	1
24	010	07		1001.8	NW	06	14	13	07	10
25	008	04	S-	1004.7	NW	04	17	16	13	10
26	008	04	S-	1005.4	NW	08	19	18	12	10
27	020	15		1010.1	C	00	17	16	09	10
28	040	15		1015.0	C	00	19	18	13	10
29	035	15		1020.9	S	10	23	21	16	10
30	070	10		1022.3	ESE	30	21	19	12	9
31	005	07		1012.1	E	07	27	27	25	10
AVG				1012.0		06	15	11	06	08

CLYDE NWT
MAY 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	020	10		1011.5	NW	10	04	04	-01	10
02	020	07		1010.6	NW	15	10	10	06	10
03	UNL	15		1013.0	C	00	05	05	-01	2
04	UNL	15		1014.9	C	00	-03	-04	-10	0
05	070	10		1011.0	N	03	10	10	05	10
06	030	10		1013.0	NNW	03	10	09	05	10
07	UNL	15		1015.7	C	00	10	09	02	4
08	UNL	15		1012.8	N	08	14	13	07	2
09	070	15		1008.0	W	20	17	17	11	7
10	050	15		1008.7	NW	05	10	09	02	8
11	UNL	15		1005.1	C	00	02	02	-06	0
12	UNL	07		1006.4	SW	03	04	04	-01	0
13	008	00	1/4IF	1007.1	E	03	05	05	00	10
14	UNL	15		1008.1	N	03	14	13	10	10
15	070	10		1010.8	NW	14	14	13	10	10
16	030	15		1014.7	C	00	14	13	08	10
17	UNL	15		1018.3	C	00	07	07	00	0
18	030	15		1022.9	C	00	08	07	00	10
19	020	10	S-	1019.9	N	10	15	14	10	10
20	030	05	S-	1023.4	NW	05	14	13	10	10
21	015	07		1018.8	NW	12	14	13	08	10
22	UNL	25		1008.6	C	00	-01	-01	-08	0
23	001	00	1/8IF	1000.4	C	00	10	09	04	10
24	020	15		1001.7	N	08	15	14	07	10
25	008	05	S-	1005.3	C	00	18	17	13	10
26	008	10	S-	1006.2	NW	04	19	18	12	10
27	030	15		1010.8	S	05	17	15	07	8
28	030	15		1015.7	C	00	20	19	13	10
29	035	25		1021.6	S	05	21	20	14	9
30	065	07		1022.1	ESE	28	22	20	14	10
31	002	00	1/4S-F	1010.6	NE	07	25	25	23	10
AVG				1012.1		05	12	11	06	07

CLYDE NWT
MAY 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	030	08		1011.1	NW	16	12	11	07	10
02	025	05	IF	1010.1	NW	06	12	12	07	10
03	UNL	15		1014.1	C	00	04	04	-03	2
04	030	07		1013.5	C	00	02	02	-04	10
05	020	03	S-	1011.6	C	00	12	12	07	10
06	030	08		1013.3	N	08	11	10	05	10
07	UNL	15		1015.2	C	00	13	12	06	9
08	UNL	15		1012.6	N	14	16	15	10	2
09	UNL	15		1008.0	N	20	20	19	12	4
10	035	15		1008.2	NW	04	19	17	11	9
11	UNL	15		1005.2	C	00	06	05	-02	1
12	UNL	15		1006.5	C	00	11	10	03	6
13	UNL	15		1006.7	C	00	11	10	05	5
14	080	08		1008.6	N	10	15	14	10	10
15	020	08		1011.1	NW	04	16	16	11	10
16	015	10		1015.1	S	04	17	16	12	10
17	UNL	10		1019.4	C	00	15	14	08	8
18	015	10		1022.7	C	00	20	19	15	10
19	015	08		1020.0	N	08	15	14	09	10
20	015	03	S-	1024.0	NW	04	15	14	10	10
21	010	05	S-	1017.0	NW	10	16	15	11	10
22	UNL	25		1008.2	C	00	11	09	00	0
23	008	03	IF	1000.7	C	00	15	15	11	10
24	020	10		1002.2	NW	08	16	15	10	10
25	015	10		1005.2	NW	03	24	22	18	8
26	015	10		1006.2	C	00	21	20	16	10
27	070	10		1011.0	C	00	25	23	18	8
28	035	15		1016.3	C	00	27	25	20	10
29	035	25		1022.3	S	05	26	24	19	8
30	030	10		1021.6	SE	20	24	23	18	9
31	010	00	1/2S-F	1009.0	NW	06	26	25	21	10
AVG				1012.1		05	16	15	10	08

CLYDE NWT
MAY 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	030	10		1011.0	NW	06	15	14	09	10
02	070	07		1009.4	NW	06	15	14	10	10
03	040	10		1015.1	C	00	13	12	07	9
04	030	07		1012.6	C	00	16	15	11	10
05	020	01	S-	1011.7	C	00	15	14	10	10
06	080	10		1013.3	N	10	14	13	09	10
07	200	15		1014.6	C	00	18	17	12	9
08	UNL	15		1011.5	N	10	19	18	13	2
09	UNL	15		1007.8	NW	10	23	22	16	3
10	UNL	15		1007.6	N	03	21	19	13	7
11	UNL	25		1004.9	C	00	16	15	08	1
12	UNL	15		1006.7	N	03	15	14	07	2
13	UNL	15		1006.1	C	00	20	19	14	7
14	UNL	15		1008.7	NW	14	17	16	11	2
15	035	10		1011.2	NW	04	20	19	15	9
16	030	10		1014.8	C	00	24	23	18	9
17	UNL	10		1020.5	C	00	18	17	11	6
18	035	15		1021.8	N	06	21	20	15	10
19	015	08	S-	1020.1	N	04	19	18	14	10
20	015	03	S-	1023.9	NW	06	19	18	14	10
21	010	05	S-	1014.9	NW	09	20	19	15	10
22	UNL	25		1002.4	S	20	20	17	05	0
23	015	08	S-	1000.6	C	00	21	20	16	10
24	020	06	S-	1002.7	NW	10	19	18	13	10
25	020	15		1005.0	NW	06	22	21	16	7
26	015	10		1006.2	C	00	25	23	18	10
27	040	15		1011.5	C	00	24	23	18	9
28	035	15		1016.9	C	00	29	27	23	10
29	UNL	25		1022.7	S	04	27	24	17	4
30	030	10		1020.4	SE	08	25	23	19	9
31	010	00	1/2S	1006.6	N	06	27	26	22	10
AVG				1011.7		05	20	19	14	08

CLYDE NWT
MAY 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	030	15		1011.1	NW	04	19	18	13	8
02	070	07		1009.0	NW	10	15	14	10	10
03	035	10		1015.5	C	00	18	17	12	9
04	030	05	S-	1011.8	SW	04	13	12	07	10
05	030	07		1011.8	C	00	15	15	10	10
06	080	10		1013.3	N	10	15	14	09	9
07	200	15		1014.1	S	04	21	20	15	9
08	UNL	15		1010.6	N	16	22	21	16	4
09	UNL	15		1008.3	NW	10	25	23	17	7
10	UNL	15		1007.0	C	00	25	21	15	1
11	UNL	25		1005.2	C	00	20	19	15	1
12	UNL	25		1006.4	N	03	17	15	10	4
13	UNL	15		1006.0	C	00	22	21	16	6
14	040	10		1008.8	NW	20	18	17	12	9
15	UNL	15		1012.0	NW	03	21	20	14	3
16	030	10		1014.8	C	00	25	23	19	10
17	UNL	15		1021.2	C	00	25	25	18	4
18	015	08	S-	1021.1	N	06	21	20	15	10
19	030	10	S-	1020.6	C	00	20	19	15	10
20	015	04	S-	1023.9	NW	06	19	18	14	10
21	015	10		1019.3	NW	06	19	18	13	7
22	UNL	25		1001.2	S	15	22	20	11	0
23	015	08	S-	1000.6	C	00	24	23	20	10
24	015	06	S-	1003.2	NW	04	21	20	16	10
25	030	15		1004.6	NW	10	23	22	17	9
26	020	10		1006.6	C	00	25	24	19	10
27	040	15		1011.9	C	00	26	24	19	9
28	035	15		1017.8	C	00	29	27	23	10
29	UNL	25		1023.1	S	03	27	25	20	1
30	020	10		1019.5	SE	06	25	23	18	9
31	010	00	3/4S-	1005.1	NW	05	29	28	24	10
AVG				1011.6		05	21	20	15	07

CLYDE NWT
MAY 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	035	15		1011.0	NW	04	17	16	11	10
02	070	07		1009.4	NW	16	14	13	09	10
03	UNL	15		1015.7	S	06	13	12	08	1
04	020	03	S-	1011.2	C	00	12	12	06	10
05	030	07		1012.2	C	00	13	12	08	10
06	030	15		1013.6	N	06	14	13	08	9
07	UNL	15		1013.5	S	02	22	20	16	3
08	UNL	15		1009.8	N	07	22	21	16	3
09	UNL	15		1008.8	NW	04	24	22	15	6
10	UNL	15		1006.4	C	00	28	25	19	0
11	UNL	25		1005.2	C	00	20	19	15	0
12	180	15		1006.5	N	03	17	16	10	7
13	UNL	15		1006.0	C	00	20	19	15	3
14	035	10		1009.4	NW	20	17	16	11	9
15	UNL	15		1012.6	NW	04	20	19	13	2
16	030	10		1015.1	N	06	22	21	16	10
17	UNL	15		1022.1	C	00	24	22	16	4
18	035	08		1020.8	N	08	21	19	15	10
19	030	10	S-	1021.6	C	00	18	17	13	10
20	030	10		1024.2	C	00	16	15	10	7
21	UNL	15		1012.0	C	00	22	21	16	1
22	UNL	25		1000.7	S	04	27	24	16	1
23	012	06	S-	1001.4	S	04	19	18	15	10
24	020	10		1004.0	NW	06	20	19	15	10
25	020	10		1004.6	NW	08	25	22	17	9
26	010	10		1007.8	C	00	24	23	20	10
27	035	15		1012.8	C	00	25	23	18	10
28	035	15		1016.4	C	00	28	26	23	10
29	UNL	25		1023.1	C	00	24	23	18	2
30	015	10		1017.8	SE	04	27	25	21	10
31	010	00	3/4S-	1004.2	NW	06	29	28	26	10
AVG				1011.7		04	21	19	15	07

CLYDE NWT
MAY 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	100	15		1011.4	NW	04	13	12	07	10
02	070	07		1010.1	NW	14	10	10	05	8
03	UNL	15		1015.8	S	04	13	12	06	1
04	030	10		1011.0	E	10	14	13	08	10
05	080	07		1012.4	C	00	16	15	09	10
06	070	15		1014.2	N	05	14	13	08	9
07	200	15		1013.2	SSW	03	18	17	11	6
08	UNL	15		1009.2	WNW	17	20	19	13	5
09	240	15		1009.3	NW	04	21	19	13	9
10	UNL	15		1006.1	C	00	19	17	12	0
11	UNL	15		1005.7	E	03	16	14	10	0
12	UNL	15		1006.4	N	03	17	16	10	4
13	UNL	15		1006.4	C	00	20	19	15	10
14	040	10	S-	1009.8	NW	15	18	17	12	8
15	UNL	15		1013.1	C	00	13	12	07	2
16	030	10		1015.4	N	05	19	18	13	10
17	UNL	15		1022.9	C	00	20	18	11	4
18	035	10		1020.6	NW	10	19	18	13	10
19	040	15		1022.4	ENE	04	15	14	10	9
20	040	15		1023.3	WNW	05	15	13	08	10
21	UNL	15		1011.1	ESE	05	12	11	06	0
22	UNL	25		1000.6	C	00	17	16	10	1
23	010	10		1002.0	N	05	17	16	09	10
24	008	04	S-	1004.2	NW	09	18	17	13	10
25	040	12		1004.9	NW	04	21	19	13	9
26	010	10		1008.2	C	00	22	20	13	10
27	UNL	15		1013.4	C	00	23	21	16	5
28	035	15		1018.9	S	08	23	19	13	8
29	UNL	25		1023.1	E	12	23	21	13	5
30	004	02	ZL-	1019.7	SE	03	27	27	26	10
31	008	00	1/4S+	1003.4	NW	07	28	27	25	10
AVG				1011.7		05	18	17	12	07

CLYDE NWT
MAY 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	080	07		1011.5	NW	04	11	10	05	10
02	070	07		1010.8	NW	10	09	09	04	10
03	UNL	15		1015.8	SSE	08	07	07	00	0
04	010	02	S-	1010.8	E	10	12	12	08	10
05	080	10		1012.2	C	00	11	10	05	10
06	070	15		1014.3	E	02	12	12	07	10
07	080	15		1013.3	SSW	02	15	14	09	7
08	UNL	15		1008.7	NW	18	18	17	11	5
09	UNL	15		1009.5	NW	05	17	16	09	6
10	UNL	15		1005.4	C	00	06	06	-01	0
11	UNL	05	F	1005.9	E	05	07	06	03	1
12	UNL	07		1006.7	N	03	10	09	05	6
13	060	15		1006.9	C	00	14	14	10	10
14	040	10	S-	1010.3	NW	10	13	13	08	9
15	035	15		1013.8	C	00	11	10	05	9
16	UNL	15		1016.0	N	04	10	09	02	2
17	UNL	15		1023.9	C	00	11	10	02	3
18	035	10		1020.1	NNW	10	18	17	13	10
19	050	15	S-	1023.1	C	00	14	13	09	9
20	035	10		1022.0	NW	04	14	13	07	10
21	UNL	15		1010.0	C	00	02	01	-06	0
22	UNL	25		1000.0	C	00	14	13	08	1
23	012	12		1001.8	N	06	15	14	07	10
24	010	06	S-	1004.5	NW	06	17	17	12	10
25	015	05	S-	1005.0	NW	06	20	18	13	10
26	015	15		1008.9	C	00	19	17	11	10
27	040	15		1014.4	C	00	19	18	13	10
28	035	15		1019.8	S	08	24	22	17	10
29	090	25		1022.7	SE	12	20	19	13	8
30	004	02	ZL-	1019.8	E	17	28	28	27	10
31	008	00	1/4S+	1003.0	NW	17	26	26	24	10
AVG				1011.8		05	14	14	08	07

SYNOPTIC OBSERVATIONS

CLYDE

CLYDE NWT
JUNE 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 008 00	1/4S+			1002.4	NW	17	25	25	25	10
02 030 10				1009.5	C	00	26	24	19	10
03 020 15				1015.5	C	00	21	20	15	10
04 UNL 15				1016.4	C	00	20	19	13	6
05 010 00	1/2S-BS			1011.8	NW	20	28	27	23	10
06 100 15				1013.6	C	00	27	26	21	8
07 020 07		S-		1029.6	NW	05	21	20	16	9
08 025 15				1033.9	N	04	27	25	21	9
09 UNL 25				1039.4	C	00	20	18	11	0
10 UNL 25				1030.0	N	10	28	27	22	1
11 UNL 15				1022.6	N	10	32	30	26	7
12 UNL 25				1021.4	C	00	29	28	23	0
13 UNL 15				1017.2	NW	02	30	29	26	1
14 UNL 25				1019.8	C	00	33	31	26	5
15 UNL 25				1011.8	C	00	29	28	26	2
16 UNL 25				1012.2	C	00	31	30	28	0
17 UNL 25				1012.2	C	00	29	27	25	4
18 UNL 15				1010.2	C	00	30	30	29	9
19 040 15				1012.5	NW	12	32	31	30	10
20 080 15				1011.2	S	17	36	35	32	7
21 070 07				1006.3	NW	03	33	33	32	10
22 030 15				1008.4	N	04	34	32	29	10
23 006 10		S-		1011.4	N	06	31	31	30	10
24 020 15				1010.1	C	00	32	31	30	10
25 003 00	1/2S-BS			1006.4	N	30	28	28	27	10
26 180 25				1007.2	W	15	36	33	29	10
27 UNL 25				1006.9	C	00	35	33	29	1
28 030 25				1009.4	S	15	39	37	32	10
29 UNL 25				1015.6	C	00	34	34	32	6
30 050 25				1019.6	C	00	35	34	32	8
AVG				1014.4		06	30	29	25	07

CLYDE NWT
JUNE 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 008 00	1/2S-BS			1003.3	NW	25	25	25	24	10
02 015 05		S-		1009.9	NW	05	25	23	19	10
03 UNL 15				1016.3	C	00	17	16	10	5
04 035 15				1015.4	C	00	23	21	17	9
05 035 08		S-		1012.3	NW	04	26	25	21	8
06 015 10				1014.4	C	00	29	28	26	10
07 015 07		S-		1025.8	C	00	25	24	21	10
08 025 15				1034.5	N	07	27	25	20	9
09 UNL 25				1033.3	C	00	19	18	11	1
10 UNL 25				1029.2	N	15	30	28	22	2
11 UNL 15				1022.6	NW	15	32	29	26	1
12 UNL 25				1021.3	C	00	31	29	25	0
13 UNL 25				1016.5	C	00	33	31	29	0
14 UNL 25				1013.2	C	00	36	32	24	1
15 UNL 25				1011.8	C	00	32	30	27	3
16 UNL 25				1012.2	S	02	33	32	30	0
17 070 15				1012.0	C	00	33	31	27	10
18 UNL 25				1009.3	C	00	35	32	26	5
19 070 15				1012.7	NW	17	32	31	30	9
20 080 15				1010.2	S	17	38	35	30	10
21 008 00	1/4F			1006.9	NE	10	32	32	32	10
22 030 15				1008.8	N	03	32	32	30	10
23 008 15				1012.3	N	10	31	30	29	10
24 007 08				1008.7	N	06	31	30	29	10
25 008 03		BS		1006.5	NW	30	29	29	28	10
26 180 25				1007.0	W	15	35	33	30	10
27 UNL 25				1006.5	C	00	34	33	31	6
28 040 25				1007.6	NE	07	39	37	34	9
29 UNL 25				1015.9	C	00	39	37	34	1
30 050 25				1021.2	N	02	35	34	32	9
AVG				1014.6		06	31	29	26	07

CLYDE NWT
JUNE 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 010 02		BS		1003.7	W	25	25	25	22	10
02 015 05		S-		1010.7	N	05	29	28	27	10
03 UNL 15				1016.9	C	00	25	22	19	5
04 015 00	1/4S+			1015.0	C	00	31	28	24	10
05 030 04		S-BS		1013.4	N	17	27	27	25	10
06 080 02		F		1015.0	S	05	31	30	27	7
07 060 06		S-		1027.4	N	04	29	28	25	10
08 020 10				1035.2	N	06	28	26	22	10
09 UNL 25				1033.3	C	00	23	20	10	3
10 UNL 29				1028.3	W	12	35	32	26	3
11 UNL 15				1022.9	W	12	38	32	26	0
12 UNL 25				1021.2	NW	14	32	30	26	0
13 UNL 25				1016.4	C	00	38	35	30	0
14 UNL 25				1015.2	C	00	40	36	30	1
15 UNL 29				1012.0	C	00	40	37	31	1
16 UNL 25				1012.2	S	02	38	36	33	1
17 035 15				1012.0	C	00	36	34	33	9
18 UNL 25				1009.1	C	00	38	36	33	2
19 UNL 15				1012.4	NW	06	35	33	29	2
20 100 15				1009.0	S	10	38	35	32	10
21 003 04		F		1007.2	C	00	34	33	32	10
22 006 15				1009.2	N	08	34	33	32	10
23 010 15				1012.2	N	10	31	30	27	10
24 005 08				1007.6	N	10	32	31	30	10
25 010 06		BS		1006.6	NW	28	30	29	29	10
26 UNL 25				1006.6	W	10	38	35	32	5
27 UNL 25				1005.8	S	10	40	36	30	2
28 040 25				1009.5	C	00	41	39	36	9
29 UNL 25				1016.4	C	00	43	40	36	1
30 040 25				1022.0	C	00	37	35	32	9
AVG				1014.7		06	34	32	28	06

CLYDE NWT
JUNE 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 010 02		BS		1004.3	W	25	27	26	24	10
02 015 05		F		1011.3	ENE	06	29	28	27	10
03 UNL 25				1017.7	C	00	32	28	18	3
04 060 03		S-		1013.9	C	00	32	30	28	10
05 015 04		SW-		1013.6	N	10	30	29	26	6
06 080 08				1015.6	S	02	33	31	27	9
07 050 08				1028.8	N	03	34	32	28	10
08 020 10				1039.3	N	05	31	29	25	10
09 UNL 25				1032.4	C	00	35	32	27	8
10 UNL 25				1026.8	NW	20	38	34	28	2
11 UNL 15				1022.7	NW	10	35	33	29	0
12 UNL 25				1020.5	NW	15	34	32	28	0
13 UNL 25				1015.5	C	00	42	38	32	0
14 UNL 25				1013.1	C	00	42	39	33	1
15 UNL 25				1012.3	C	00	40	38	34	1
16 UNL 25				1012.2	C	00	40	38	35	2
17 080 15				1011.8	C	00	40	38	36	10
18 010 10				1010.4	NE	04	34	34	33	10
19 UNL 25				1012.2	NW	02	37	35	31	2
20 090 15				1008.4	S	10	38	35	30	10
21 003 02		L-F		1007.6	C	00	34	34	33	10
22 008 15				1009.7	N	02	35	34	32	10
23 010 15				1012.1	N	02	35	33	30	9
24 005 08				1006.3	N	12	30	29	28	10
25 010 10				1006.6	NW	36	34	33	32	10
26 UNL 25				1006.1	W	08	38	36	32	3
27 UNL 25				1004.7	S	10	40	37	30	2
28 UNL 25				1010.8	C	00	41	39	36	6
29 UNL 25				1016.1	C	00	45	42	38	1
30 UNL 25				1022.3	C	00	37	35	33	4
AVG				1014.7		06	36	34	30	06

CLYDE NWT
JUNE 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 015 07		S-		1005.6	NE	15	28	27	24	10
02 015 07				1012.2	NE	05	29	28	26	10
03 UNL 25				1017.7	SE	07	33	28	20	7
04 060 03		S-		1013.0	WNW	07	32	31	29	10
05 UNL 05		SW-		1013.3	N	04	31	30	26	5
06 080 08				1016.7	S	02	37	34	29	9
07 030 15				1029.5	N	07	32	29	22	10
08 020 10				1034.9	N	05	32	30	24	10
09 080 25				1031.5	S	02	36	35	32	9
10 UNL 25				1025.7	NW	20	37	34	28	3
11 UNL 15				1022.4	NW	10	36	33	29	0
12 UNL 25				1020.2	NNW	10	35	34	31	0
13 UNL 25				1015.3	C	00	41	39	34	0
14 UNL 25				1012.8	C	00	44	40	35	2
15 UNL 25				1012.5	C	00	42	39	35	1
16 UNL 25				1012.2	C	00	42	39	35	3
17 080 15				1011.5	C	00	39	37	34	9
18 010 15				1010.8	N	15	35	35	33	9
19 035 15				1013.0	NW	12	36	35	32	9
20 080 15				1007.3	S	06	40	38	35	9
21 008 10				1007.6	N	06	34	34	33	10
22 015 15				1009.9	N	02	36	35	32	10
23 UNL 15				1012.6	N	06	34	32	28	6
24 004 08		L-		1005.6	N	15	30	30	29	10
25 250 15				1006.9	W	35	36	34	30	8
26 UNL 25				1008.1	WNW	10	39	36	31	3
27 UNL 25				1004.3	S	04	44	40	34	2
28 UNL 25				1011.5	S	04	44	40	35	3
29 UNL 25				1015.9	N	02	42	39	35	2
30 UNL 25				1022.5	C	00	38	36	33	1
AVG				1014.7		07	37	34	30	06

CLYDE NWT
JUNE 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 020 10				1008.4	NE	10	29	27	24	10
02 025 10				1013.3	C	00	30	28	25	9
03 UNL 25				1017.2	C	00	31	28	19	2
04 060 08		S-		1012.4	NW	20	31	30	28	10
05 008 02		S-		1013.1	SW	05	30	30	27	10
06 040 00	1/2S			1018.3	NW	04	31	30	28	10
07 020 02		F		1031.9	N	06	30	29	26	10
08 UNL 15				1034.5	N	04	30	28	24	5
09 080 25				1031.1	S	02	39	37	34	8
10 UNL 15				1024.8	NW	20	36	34	28	4
11 UNL 15				1022.4	NW	10	36	34	30	0
12 UNL 15				1019.8	NNW	10	38	32	31	0
13 UNL 25				1014.8	NW	05	39	36	30	3
14 UNL 25				1013.0	C	00	43	39	32	3
15 UNL 25				1012.0	C	00	44	41	37	0
16 UNL 25				1012.0	C	00	41	39	35	4
17 080 15				1011.6	C	00	40	39	36	8
18 015 10				1011.8	N	16	34	33	32	10
19 035 15				1013.1	NW	03	36	34	32	7
20 180 25				1006.6	S	02	39	37	34	9
21 010 10				1007.7	N	05	35	34	33	10
22 015 15				1010.2	N	02	35	33	31	10
23 030 15				1011.6	N	04	36	34	30	7
24 004 05		S-F		1004.8	N	20	30	30	29	10
25 180 15				1007.1	NW	35	37	35	31	9
26 UNL 25				1006.6	WNW	10	39	36	32	3
27 200 25				1004.9	S	06	43	40	32	9
28 UNL 25				1013.2	S	04	43	40	35	7
29 UNL 25				1016.6	N	02	40	38	35	2
30 UNL 25				1022.2	C	00	41	40	37	1
AVG				1014.8		07	36	34	31	06

CLYDE NWT
JUNE 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 030 10				1007.8	NW	06	28	26	22	10
02 018 15				1014.2	NW	04	29	27	23	9
03 UNL 25				1017.1	C	00	28	26	21	4
04 010 06		BS		1012.5	NW	20	29	28	26	9
05 020 05		S-BS		1012.8	NW	25	30	29	29	9
06 010 07		S-		1019.8	NE	05	30	29	27	10
07 020 10		S-		1033.2	N	07	28	27	25	10
08 UNL 25				1034.7	C	00	30	28	24	0
09 UNL 25				1031.1	N	06	34	30	21	1
10 UNL 15				1024.1	N	10	35	32	26	4
11 UNL 25				1021.8	C	00	35	33	29	0
12 UNL 15				1018.7	NW	10	31	30	27	1
13 UNL 25				1014.7	C	00	36	34	30	5
14 UNL 25				1012.9	C	00	40	37	32	1
15 UNL 25				1012.6	C	00	37	35	32	0
16 UNL 25				1012.0	C	00	40	37	34	4
17 UNL 15				1010.9	C	00	38	37	36	4
18 020 10				1012.2	NW	18	39	32	31	10
19 080 15				1013.2	S	02	37	35	32	6
20 080 15				1006.1	S	02	37	36	34	10
21 015 15				1008.1	N	07	34	33	32	9
22 006 15				1010.4	N	02	33	32	31	10
23 030 15				1011.6	N	01	34	32	31	10
24 003 00	1/4S-BS			1009.6	N	30	30	30	29	10
25 180 15				1007.7	NNW	35	37	34	31	10
26 UNL 25				1007.0	NW	04	40	38	35	4
27 100 25				1009.6	S	08	41	38	32	10
28 UNL 25				1014.3	C	00	47	43	37	7
29 UNL 25				1018.0	N	02	38	36	32	7
30 UNL 25				1021.7	C	00	38	37	35	1
AVG				1015.1		06	35	33	30	06

CLYDE NWT
JUNE 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 030 10				1009.0	NW	04	27	25	20	10
02 018 15				1014.8	C	00	24	23	18	8
03 180 15				1017.0	C	00	21	20	15	7
04 010 05		S-		1012.1	NW	04	26	24	19	10
05 030 10				1012.9	N	10	29	27	23	8
06 018 10				1021.3	NE	04	28	28	26	9
07 020 15				1033.8	N	06	27	26	23	10
08 UNL 25				1033.7	C	00	22	20	14	0
09 020 15				1030.7	N	10	31	28	21	10
10 UNL 15				1023.3	N	08	33	30	25	7
11 UNL 25				1021.7	C	00	31	29	25	0
12 UNL 15				1018.0	NW	04	30	28	26	3
13 UNL 25				1014.1	C	00	32	30	26	3
14 UNL 25				1012.4	C	00	31	29	26	4
15 UNL 25				1012.4	C	00	32	31	30	0
16 UNL 25				1012.1	C	00	32	30	27	4
17 UNL 15				1010.6	C	00	32	31	30	6
18 020 10				1012.4	NW	18	32	32	31	10
19 080 15				1012.7	S	17	35	33	29	6
20 060 15				1006.3	S	02	34	33	32	9
21 015 15				1008.5	N	04	33	32	31	10
22 006 10				1011.0	N	04	32	31	30	10
23 030 15				1011.3	C	00	32	31	29	10
24 009 00	1/2S-BS			1006.1	N	25	28	28	27	10
25 UNL 15				1007.3	W	30	33	29	27	8
26 UNL 25				1006.6	C	00	36	33	29	3
27 100 25				1004.4	S	10	40	37	32	10
28 060 25				1015.3	C	00	37	36	33	9
29 090 25				1018.7	C	00	36	35	32	8
30 UNL 25				1020.8	C	00	33	32	31	2
AVG				1015.0		05	31	30	26	07

SYNOPTIC OBSERVATIONS

EUREKA

EUREKA NWT
JANUARY 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1026.3	E	03	-32	-32	-38	4
02	UNL	15		1033.5	C	00	-33	-33	-39	0
03	UNL	15		1035.1	C	00	-41			0
04	070	06	S-	1016.4	W	06	-26	-26	-29	10
05	UNL	15		1020.7	SE	03	-24	-24	-30	5
06	UNL	15	.	1030.6	C	00	-39			4
07	UNL	15		1023.5	C	00	-46			0
08	UNL	15		1026.9	C	00	-46			0
09	120	15		1023.4	N	03	-32	-32	-38	8
10	035	06	S-	1017.7	E	04	-24	-24	-30	10
11	UNL	15		1022.7	C	00	-41			0
12	UNL	15		1028.4	C	00	-46			0
13	010	05	S-	1019.5	E	04	-26	-26	-32	10
14	025	05	S-	1005.3	C	00	-18	-18	-25	10
15	UNL	03	BS	994.6	W	25	-15	-15	-20	5
16	UNL	15		998.3	C	00	-33	-33	-39	0
17	UNL	15		1010.1	E	03	-32	-32	-38	2
18	UNL	15		1025.4	E	04	-45			0
19	UNL	15		1031.1	C	00	-50			0
20	UNL	15		1038.5	C	00	-55			0
21	UNL	15		1044.5	C	00	-52			0
22	UNL	15		1040.0	C	00	-48			0
23	030	15		1020.6	C	00	-36			8
24	UNL	15		1009.1	N	07	-31	-31	-37	0
25	UNL	15		1020.9	C	00	-39			0
26	UNL	15		1000.1	E	07	-42			0
27	UNL	15		1010.9	E	04	-43			0
28	UNL	15		1012.3	E	03	-36			6
29	000	00	S-BS	1011.5	SSE	30	-11	-11	-16	10
30	UNL	15		1016.1	E	02	-20	-20	-29	3
31	006	01	BS	1003.5	E	14	-08	-08	-15	10
AVG				1019.8		04	-35			03

EUREKA NWT
JANUARY 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1027.7	NE	03	-32	-32	-38	0
02	UNL	15		1035.9	C	00	-35	-35	-41	0
03	UNL	15		1033.4	E	03	-39			0
04	070	08		1013.5	W	12	-25	-25	-31	10
05	100	15		1024.4	SE	06	-22	-22	-27	10
06	UNL	15		1030.0	C	00	-43			0
07	UNL	15		1023.5	E	03	-47			0
08	UNL	15		1027.4	C	00	-45			0
09	080	06	S-	1023.3	E	03	-27	-27	-33	10
10	035	06	S-	1018.3	C	00	-22	-22	-27	10
11	UNL	15		1023.0	C	00	-41			0
12	UNL	15		1027.7	C	00	-44			0
13	010	05	S-	1015.5	E	04	-25	-25	-31	10
14	020	03	S-	1008.5	SE	05	-18	-18	-23	10
15	UNL	03	BS	992.7	W	25	-17	-17	-22	5
16	UNL	12	S-	1000.4	E	03	-31	-31	-37	4
17	UNL	15		1012.6	NE	02	-34	-34	-40	2
18	UNL	15		1026.0	C	00	-45			0
19	UNL	15		1032.4	E	04	-53			0
20	UNL	15		1039.9	E	02	-55			0
21	UNL	15		1044.8	C	00	-53			0
22	UNL	15		1039.8	C	00	-50			0
23	030	15		1018.3	E	05	-33	-33	-39	10
24	UNL	15		1009.6	C	00	-32	-32	-38	0
25	UNL	15		1021.5	C	00	-42			0
26	UNL	15		.999.7	C	00	-40			0
27	UNL	15		1012.4	E	04	-44			0
28	110	15		1010.2	SE	12	-29	-29	-35	10
29	090	08		1013.6	SE	12	-13	-13	-18	10
30	UNL	15		1014.3	WNW	08	-20	-20	-27	3
31	020	02	BS	1007.3	SE	16	-09	-10	-17	9
AVG				1020.2		04	-34			04

EUREKA NWT
JANUARY 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1028.8	E	06	-33	-33	-39	0
02	UNL	15		1037.8	C	00	-36			0
03	UNL	15		1031.4	C	00	-39			0
04	070	08		1011.1	W	10	-22	-22	-27	10
05	UNL	15		1027.3	SE	09	-23	-23	-29	7
06	UNL	15		1028.9	C	00	-44			1
07	UNL	15		1023.9	C	00	-45			0
08	UNL	15		1027.3	C	00	-43			0
09	050	08		1023.0	N	04	-26	-26	-32	10
10	050	15		1020.4	W	06	-27	-27	-33	10
11	UNL	15		1023.3	C	00	-43			0
12	UNL	15		1026.2	C	00	-43			0
13	010	05	S-	1019.1	N	06	-24	-24	-30	10
14	015	03	S-	1011.1	E	04	-16	-16	-21	10
15	040	03	BS	992.3	W	25	-22	-22	-27	9
16	UNL	15		1002.3	C	00	-30	-30	-36	3
17	UNL	15		1015.2	C	00	-36			2
18	UNL	15		1026.1	C	00	-47			0
19	UNL	15		1033.4	C	00	-53			0
20	UNL	15		1040.8	C	00	-55			0
21	UNL	15		1044.5	C	00	-53			0
22	UNL	15		1037.9	C	00	-51			0
23	030	15		1016.6	E	04	-31	-31	-37	10
24	UNL	15		1009.7	NW	03	-30	-30	-36	0
25	UNL	15		1021.2	C	00	-42			0
26	UNL	15		999.5	E	05	-42			0
27	UNL	15		1014.1	C	00	-43			0
28	110	01	BS	1007.1	SE	17	-25	-25	-31	10
29	090	15		1014.5	SE	08	-14	-14	-19	10
30	UNL	02	BS	1010.0	N	16	-14	-14	-19	5
31	UNL	15		1011.3	SE	12	-11	-11	-18	0
AVG				1020.4		04	-34			04

EUREKA NWT
JANUARY 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	070	06	S-	1029.5	ESE	03	-30	-30	-36	9
02	UNL	15		1039.3	C	00	-37			0
03	UNL	15		1029.6	C	00	-39			0
04	070	08		1008.4	W	14	-21	-21	-26	10
05	UNL	15		1028.9	E	13	-22	-23	-29	2
06	UNL	15		1027.7	C	00	-45			0
07	UNL	15		1024.5	C	00	-46			0
08	100	15		1026.4	C	00	-40			10
09	040	05	S-	1021.7	N	05	-26	-26	-32	10
10	050	10		1022.1	W	05	-27	-27	-33	10
11	UNL	15		1023.6	C	00	-43			0
12	UNL	12		1025.0	C	00	-43			5
13	010	03	S-	1014.4	NNW	05	-22	-22	-27	10
14	025	15		1010.8	C	00	-13	-13	-18	10
15	040	00	1/2BS	992.2	W	30	-25	-25	-31	10
16	UNL	15		1003.6	N	03	-32	-32	-38	5
17	120	15		1017.4	C	00	-40			6
18	UNL	15		1025.7	C	00	-48			0
19	UNL	15		1033.8	C	00	-55			0
20	UNL	15		1041.8	C	00	-55			0
21	UNL	15		1043.4	C	00	-53			0
22	UNL	15		1035.6	ESE	03	-51			0
23	030	15		1019.1	E	05	-29	-29	-35	10
24	UNL	15		1010.3	N	06	-29	-29	-35	0
25	UNL	15		1018.9	C	00	-44			1
26	UNL	15		1000.9	E	05	-43			0
27	UNL	15		1015.2	C	00	-42			1
28	110	00	1/2BS	1009.5	SE	20	-21	-21	-26	10
29	090	15		1015.0	SE	10	-14	-15	-20	10
30	UNL	15		1008.1	W	06	-16	-16	-29	3
31	UNL	15		1015.0	SE	18	-13	-14	-22	1
AVG				1020.3		05	-34			04

EUREKA NWT
JANUARY 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	070	15		1029.5	E	02	-30	-30	-36	7
02	UNL	15		1040.0	C	00	-38			0
03	UNL	15		1028.0	C	00	-39			0
04	070	10		1007.3	W	12	-18	-18	-23	10
05	UNL	15		1030.6	E	10	-27	-27	-33	5
06	UNL	15		1026.6	C	00	-47			0
07	UNL	15		1025.0	C	00	-45			0
08	120	10		1025.7	C	00	-35			10
09	055	06	S-	1019.3	N	05	-26	-26	-29	8
10	130	10		1022.6	W	03	-27	-27	-33	8
11	UNL	15		1024.6	C	00	-44			0
12	UNL	08		1022.1	C	00	-41			8
13	040	06	S-	1012.6	N	04	-22	-22	-27	10
14	UNL	15		1009.8	C	00	-15	-15	-20	2
15	040	01	BS	993.3	W	24	-26	-26	-32	10
16	040	06	S-	1005.3	NE	03	-29	-29	-35	10
17	UNL	15		1019.8	C	00	-40			3
18	UNL	15		1026.7	E	03	-48			3
19	UNL	15		1034.1	C	00	-54			0
20	UNL	15		1042.4	C	00	-56			0
21	UNL	15		1042.4	C	00	-51			0
22	UNL	15		1032.4	ESE	02	-51			0
23	075	15		1013.2	C	00	-27	-27	-33	10
24	UNL	15		1011.4	E	06	-35			0
25	UNL	15		1015.9	C	00	-45			0
26	UNL	15		1002.5	C	00	-42			0
27	UNL	15		1016.7	E	04	-43			0
28	090	00	1/2S-BS	1005.1	SE	12	-15	-15	-20	10
29	045	15		1015.3	SE	06	-15	-15	-21	10
30	080	15		1002.4	W	06	-14	-14	-19	7
31	UNL	15		1016.9	E	12	-15	-15	-21	0
AVG				1020.0		04	-34			04

EUREKA NWT
JANUARY 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	070	15		1030.1	E	03	-26	-26	-32	8
02	UNL	15		1040.0	C	00	-38			0
03	UNL	15		1026.1	C	00	-38			0
04	070	07	IC	1009.9	C	00	-23	-23	-29	10
05	100	15		1031.7	ESE	02	-29	-29	-35	7
06	UNL	15		1029.7	C	00	-47			0
07	UNL	15		1025.6	C	00	-46			0
08	120	10		1025.1	C	00	-32	-32	-46	10
09	050	08		1016.7	N	04	-26	-26	-29	10
10	UNL	10		1023.0	WNW	03	-31	-31	-37	6
11	UNL	15		1029.9	C	00	-44			0
12	025	10		1019.5	E	04	-33	-33	-39	10
13	040	08		1010.0	NNE	06	-21	-21	-26	10
14	UNL	15		1007.6	C	00	-20	-20	-25	1
15	120	03	BS	994.4	W	18	-27	-27	-33	8
16	040	06	S-	1006.4	ESE	03	-28	-28	-37	8
17	UNL	15		1022.3	E	05	-42			1
18	UNL	15		1027.6	C	00	-45			3
19	UNL	15		1035.6	C	00	-53			0
20	UNL	15		1042.9	C	00	-55			0
21	UNL	15		1041.1	E	06	-54			0
22	UNL	15		1029.6	C	00	-49			0
23	UNL	15		1012.5	C	00	-28	-28	-34	3
24	UNL	15		1014.8	NE	03	-36			0
25	UNL	15		1011.6	C	00	-45			0
26	UNL	15		1004.9	C	00	-42			0
27	UNL	15		1017.4	E	02	-45			0
28	000	00	S-BS	1005.3	SE	22	-16	-16	-21	10
29	045	15		1016.0	SE	08	-15	-15	-20	10
30	080	00	1/2BS	996.9	W	20	-17	-17	-22	10
31	UNL	15		1020.0	E	06	-18	-18	-25	0
AVG				1019.9		04	-35			04

EUREKA NWT
JANUARY 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	070	06	S-	1030.9	C	00	-27	-27	-33	8
02	UNL	15		1039.0	W	05	-35			2
03	UNL	15		1029.8	C	00	-40			0
04	070	07	IC	1019.1	E	03	-26	-26	-32	8
05	100	15		1031.8	C	00	-32	-32	-38	7
06	UNL	15		1024.9	C	00	-46			0
07	UNL	15		1026.4	ESE	06	-46			0
08	120	15		1024.1	C	00	-28	-29	-44	10
09	010	01	S-	1016.9	SE	06	-25	-25	-31	10
10	UNL	15		1029.3	NW	02	-35	-35	-41	0
11	UNL	15		1027.7	ESE	03	-44			0
12	025	06	S-	1017.4	W	06	-28	-28	-31	10
13	040	08		1007.8	N	06	-19	-19	-24	10
14	UNL	03	BS	1004.3	NW	12	-17	-17	-22	5
15	UNL	10		996.0	W	09	-27	-27	-33	3
16	040	06	S-	1007.5	SE	04	-26	-26	-32	10
17	UNL	15		1024.5	C	00	-42			0
18	UNL	15		1029.3	C	00	-47			0
19	UNL	15		1036.6	E	04	-54			0
20	UNL	15		1044.0	C	00	-55			0
21	UNL	15		1040.7	E	06	-49			0
22	120	15		1026.6	C	00	-46			8
23	UNL	15		1011.2	W	06	-26	-26	-32	3
24	UNL	15		1017.6	C	00	-39			0
25	UNL	15		1007.1	E	06	-45			5
26	UNL	15		1006.8	C	00	-44			0
27	UNL	15		1016.6	C	00	-45			0
28	000	00	S-BS	1006.8	E	25	-14	-14	-19	10
29	045	15		1017.1	NE	03	-16	-16	-21	10
30	045	00	1/4S-BS	994.8	WNW	24	-17	-17	-22	10
31	UNL	15		1022.4	E	09	-22	-22	-27	0
AVG				1019.9		04	-34			04

EUREKA NWT
JANUARY 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1031.8	C	00	-30	-30	-36	2
02	UNL	15		1037.7	C	00	-40			3
03	070	10	IC	1021.0	C	00	-36			10
04	070	06	S-	1016.5	C	00	-25	-25	-31	8
05	UNL	15		1031.4	E	02	-36			3
06	UNL	15		1023.9	C	00	-47			0
07	UNL	15		1026.9	NNE	05	-46			0
08	UNL	15		1023.9	E	03	-31	-31	-40	8
09	050	10		1017.1	SE	03	-25	-25	-31	10
10	UNL	15		1023.2	N	02	-38			0
11	UNL	15		1028.8	ESE	02	-45			0
12	025	06	S-	1016.2	ESE	03	-28	-28	-34	10
13	040	08		1005.9	NE	04	-18	-18	-23	10
14	UNL	03	BS	998.3	W	22	-19	-19	-20	5
15	UNL	15		997.1	E	02	-32	-32	-38	0
16	040	06	S-	1008.8	C	00	-27	-27	-33	8
17	UNL	15		1025.4	C	00	-41			0
18	UNL	15		1030.4	C	00	-50			0
19	UNL	15		1037.5	C	00	-53			0
20	UNL	15		1044.4	C	00	-54			0
21	UNL	15		1040.7	E	05	-53			0
22	060	10	S-	1023.3	C	00	-40			10
23	UNL	15		1009.6	C	00	-30	-30	-36	3
24	UNL	15		1019.7	C	00	-40			0
25	100	15		1002.6	W	10	-30	-30	-36	7
26	UNL	15		1009.4	C	00	-44			8
27	120	15		1014.9	C	00	-41			6
28	000	00	S-BS	1009.5	SE	24	-14	-14	-19	10
29	045	15	S-	1017.1	NW	02	-18	-18	-23	10
30	045	05	S-	998.2	NW	06	-17	-17	-22	10
31	UNL	15		1024.9	N	04	-30	-30	-36	0
AVG				1019.9		03	-35			04

SYNOPTIC OBSERVATIONS

EUREKA

EUREKA NWT
FEBRUARY 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1026.6	NE	04	-31	-31	-40	0
02	UNL	15		1028.5	E	03	-40			0
03	UNL	15		1040.9	C	00	-39			0
04	038	15		1021.8	W	06	-13	-13	-18	10
05	030	01	BS	1004.2	ESE	30	30	29	29	10
06	UNL	01	BS	1025.3	SE	12	-09	-09	-13	4
07	UNL	15		1037.6	C	00	-30	-30	-39	1
08	060	15		1034.8	C	00	-18	-18	-25	9
09	000	00	1/8BS	1012.7	S	28	-01	-01	-05	10
10	120	15		1032.3	NE	04	-26	-26	-32	7
11	010	01	BS	1011.7	W	12	-09	-09	-15	10
12	012	08		1022.5	E	02	-22	-22	-27	6
13	UNL	03	BS	1018.9	W	20	-30	-30	-36	2
14	UNL	01	BS	1021.9	WNW	24	-29	-29	-35	2
15	UNL	15		1015.8	C	00	-45			0
16	UNL	15		1012.7	C	00	-41			0
17	UNL	15		1015.7	C	00	-50			0
18	UNL	15		1022.5	N	06	-49			0
19	UNL	15		1024.2	C	00	-52			0
20	UNL	15		1031.5	E	06	-48			2
21	UNL	08		1039.7	E	06	-36			5
22	UNL	15		1037.8	E	02	-42			0
23	UNL	15		1030.4	E	02	-45			0
24	UNL	15		1011.7	C	00	-44			0
25	UNL	15		1002.1	WNW	10	-22	-22	-27	0
26	UNL	15		1004.2	W	12	-25	-25	-31	2
27	UNL	15		1008.9	C	00	-46			2
28	UNL	15		1014.7	E	02	-48			0
AVG				1021.8		07	-31			03

EUREKA NWT
FEBRUARY 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1028.3	N	03	-35	-35	-46	0
02	UNL	15		1029.7	C	00	-41			0
03	UNL	15		1041.3	C	00	-39			0
04	035	06	S-	1019.1	W	04	-07	-07	-11	10
05	030	05	S-BS	1007.0	S	24	23	23	21	10
06	UNL	12		1029.5	SE	12	-13	-13	-18	0
07	UNL	15		1038.4	C	00	-31	-31	-40	1
08	UNL	15		1034.2	E	03	-29	-29	-29	0
09	UNL	15		1014.5	SE	07	-05	-05	-09	0
10	UNL	15		1030.6	ESE	05	-28	-28	-34	5
11	010	00	1/2BS	1012.1	W	20	-19	-19	-18	10
12	UNL	15		1021.1	SE	03	-30	-30	-36	2
13	UNL	03	BS	1019.3	W	25	-33	-33	-39	2
14	UNL	15		1022.2	E	05	-37			0
15	UNL	15		1015.2	ESE	06	-43			0
16	UNL	15		1012.9	N	05	-42			0
17	UNL	15		1016.0	C	00	-51			0
18	UNL	15		1023.8	E	05	-51			0
19	UNL	15		1024.6	C	00	-52			0
20	070	15		1032.9	NW	12	-33	-33	-39	10
21	UNL	08		1040.4	E	04	-38			7
22	UNL	15		1037.1	E	00	-43			0
23	UNL	15		1028.9	E	03	-45			0
24	UNL	15		1009.9	C	00	-44			0
25	UNL	15		1002.0	NW	12	-16	-17	-24	0
26	UNL	15		1006.0	E	06	-32	-32	-38	0
27	UNL	15		1010.3	E	04	-46			0
28	UNL	15		1014.4	C	00	-48			0

EUREKA NWT
FEBRUARY 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.6	E	06	-38			0
02	UNL	15		1030.5	E	04	-38			0
03	130	15		1039.3	C	00	-34	-34	-40	10
04	030	03	S-	1016.8	NW	08	00	00	-04	10
05	030	08		1011.5	S	24	16	16	14	10
06	UNL	15		1032.1	SE	08	-16	-16	-21	0
07	UNL	15		1038.1	NNE	05	-30	-30	-39	2
08	060	15		1032.3	C	00	-21	-21	-26	9
09	UNL	15		1017.7	E	04	-08	-08	-12	0
10	065	15		1027.7	C	00	-21	-21	-28	10
11	010	00	1/4BS	1013.7	W	32	-20	-20	-25	10
12	UNL	15		1019.6	C	00	-34	-34	-40	5
13	UNL	03	BS	1019.6	W	22	-33	-33	-39	3
14	UNL	15		1022.2	E	10	-43			0
15	UNL	15		1015.0	E	04	-38			0
16	UNL	15		1013.6	N	03	-42			0
17	UNL	15		1016.5	C	00	-51			0
18	UNL	15		1024.5	E	03	-51			0
19	UNL	15		1025.9	C	00	-52			1
20	UNL	08		1035.1	W	06	-32	-32	-38	7
21	UNL	15		1040.4	E	03	-37			4
22	UNL	15		1036.2	E	05	-44			0
23	UNL	15		1026.8	NE	02	-43			1
24	UNL	15		1008.1	C	00	-44			0
25	UNL	15		1001.9	NW	16	-17	-17	-23	1
26	UNL	15		1006.6	NNE	03	-34	-34	-40	1
27	UNL	15		1011.3	E	05	-48			0
28	UNL	15		1014.8	C	00	-49			1
AVG				1022.4		06	-32			03

EUREKA NWT
FEBRUARY 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1030.4	E	02	-38			1
02	UNL	15		1032.2	C	00	-41			1
03	130	03	S-	1036.7	C	00	-27	-27	-33	10
04	030	03	S-	1013.6	W	08	04	04	01	10
05	030	10		1014.6	SSE	22	11	11	08	10
06	UNL	15		1034.4	SE	12	-16	-16	-21	2
07	120	15		1037.0	NE	04	-26	-26	-32	9
08	050	15		1029.6	E	03	-14	-14	-19	10
09	UNL	15		1021.0	NE	06	-13	-13	-19	0
10	065	15		1023.8	C	00	-18	-18	-23	10
11	000	00	BS	1016.6	W	35	-24	-24	-30	10
12	030	09	F	1018.9	C	00	-29	-29	-35	10
13	UNL	01	BS	1020.1	WNW	24	-34	-34	-40	3
14	UNL	15		1021.9	E	03	-41			2
15	UNL	15		1014.4	C	00	-38			4
16	UNL	15		1014.3	C	00	-42			4
17	UNL	15		1017.0	E	02	-52			0
18	UNL	15		1024.9	C	00	-51			1
19	UNL	15		1026.4	C	00	-51			1
20	UNL	01	1/2IF	1037.1	ESE	08	-42			4
21	UNL	01	IF	1039.6	E	06	-37			5
22	UNL	15		1035.3	C	00	-41			0
23	UNL	15		1024.6	E	05	-47			1
24	UNL	15		1006.5	C	00	-44			1
25	UNL	15		1002.0	WNW	18	-19	-19	-26	1
26	UNL	15		1006.5	NE	04	-36			2
27	UNL	15		1012.8	C	00	-44			0
28	UNL	15		1014.4	C	00	-49			6

EUREKA NWT
FEBRUARY 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.9	N	04	-39			1
02	UNL	15		1033.0	C	00	-42			0
03	090	15		1033.4	C	00	-25	-25	-31	10
04	030	10		1010.2	W	10	09	09	05	10
05	095	10		1016.9	E	09	09	09	04	9
06	UNL	15		1035.9	SE	05	-19	-19	-24	6
07	096	15		1036.6	C	00	-22	-22	-27	9
08	012	15		1025.1	NE	02	-13	-13	-18	10
09	UNL	15		1025.2	E	05	-13	-13	-18	0
10	015	01	S-	1020.0	C	00	-16	-16	-21	10
11	025	00	1/4BS	1018.4	W	28	-25	-25	-31	8
12	UNL	15		1018.4	W	06	-28	-28	-34	4
13	UNL	01	1/2BS	1020.9	WNW	21	-33	-33	-39	2
14	UNL	15		1020.8	E	06	-42			2
15	UNL	15		1014.3	C	00	-38			5
16	UNL	10		1015.3	C	00	-44			4
17	UNL	15		1017.4	C	00	-51			2
18	UNL	15		1024.6	N	06	-50			2
19	UNL	15		1027.5	C	00	-52			3
20	UNL	10		1038.3	E	04	-42			3
21	030	00	1/2IF	1039.3	E	12	-35			8
22	UNL	15		1034.4	C	00	-44			0
23	UNL	15		1022.0	N	03	-43			1
24	UNL	15		1005.1	C	00	-44			0
25	UNL	15		1002.3	E	04	-31	-31	-37	5
26	UNL	15		1007.2	E	06	-39			4
27	UNL	15		1013.2	C	00	-47			0
28	UNL	15		1014.3	C	00	-48			2
AVG				1022.1		05	-32			04

EUREKA NWT
FEBRUARY 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.1	C	00	-40			0
02	UNL	15		1035.3	C	00	-41			0
03	UNL	15		1029.9	C	00	-25	-25	-31	5
04	030	10		1009.4	C	00	17	16	13	10
05	055	15		1017.8	E	03	07	06	00	10
06	120	15		1037.2	E	05	-19	-19	-24	8
07	036	15		1036.4	C	00	-20	-20	-25	9
08	020	05	S-	1020.1	NNE	02	-08	-08	-12	10
09	UNL	15		1029.9	NW	04	-18	-18	-23	0
10	015	01	S-	1016.5	C	00	-15	-15	-18	10
11	UNL	00	1/4BS	1020.7	W	22	-26	-26	-32	6
12	UNL	04	BS	1019.1	W	12	-28	-28	-34	4
13	UNL	03	BS	1021.5	WNW	22	-31	-31	-37	2
14	UNL	15		1019.9	E	02	-41			2
15	UNL	04	IF	1014.2	NE	04	-38			4
16	UNL	15		1015.8	C	00	-45			2
17	UNL	15		1018.2	C	00	-51			0
18	UNL	15		1024.6	C	00	-51			0
19	UNL	15		1028.8	E	05	-51			4
20	UNL	15		1038.6	E	06	-42			3
21	UNL	10		1039.5	E	06	-37			4
22	UNL	15		1035.7	C	00	-43			0
23	UNL	15		1020.2	C	00	-45			1
24	UNL	15		1004.0	W	08	-23	-23	-29	0
25	120	15		1002.4	W	08	-18	-18	-23	10
26	UNL	15		1007.7	E	04	-42			3
27	UNL	15		1015.3	C	00	-48			0
28	UNL	15		1013.3	C	00	-48			2

EUREKA NWT
FEBRUARY 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1028.3	C	00	-39			0
02	UNL	15		1037.5	C	00	-39			0
03	090	15		1026.7	C	00	-22	-22	-27	10
04	030	02	S-	1008.4	C	00	26	25	23	10
05	055	01	BS	1017.8	SSE	28	06	05	-01	10
06	UNL	15		1037.8	E	03	-23	-23	-29	4
07	UNL	15		1036.4	C	00	-19	-19	-24	5
08	000	00	1/4BS	1013.3	SE	22	03	02	-03	10
09	UNL	15		1032.2	NNE	05	-23	-23	-29	0
10	015	01	S-	1014.3	C	00	-14	-14	-20	10
11	UNL	00	1/4BS	1022.2	W	22	-26	-26	-32	6
12	UNL	10		1018.7	W	06	-28	-28	-34	0
13	UNL	04	BS	1022.1	NW	18	-30	-30	-36	2
14	UNL	15		1018.4	E	05	-45			0
15	UNL	15		1013.6	N	02	-40			1
16	UNL	15		1015.7	C	00	-47			2
17	UNL	15		1019.7	C	00	-51			0
18	UNL	15		1024.3	C	00	-52			0
19	UNL	15		1029.7	ESE	04	-49			4
20	090	15		1039.3	E	03	-39			8
21	UNL	15		1039.6	E	03	-35			0
22	UNL	15		1033.1	C	00	-45			0
23	UNL	15		1017.7	C	00	-45			0
24	UNL	15		1009.1	NW	06	-25	-25	-31	0
25	UNL	15		1003.2	W	15	-21	-21	-26	2
26	120	15		1008.1	C	00	-43			10
27	UNL	15		1015.2	C	00	-45			0
28	UNL	15		1011.6	C	00	-49			1

EUREKA NWT
FEBRUARY 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1027.2	C	00	-38			0
02	UNL	15		1039.5	C	00	-38			0
03	090	15		1024.4	C	00	-17	-17	-24	10
04	030	01	BS	1004.8	ESE	30	28	27	25	10
05	055	01	BS	1021.5	SE	15	-01	-01	-05	7
06	UNL	15		1037.7	E	03	-27	-27	-33	1
07	035	15		1035.3	NNE	03	-21	-21	-26	9
08	000	00	1/8BS	1012.3	S	48	05	04	-01	10
09	UNL	15		1032.9	E	03	-28	-28	-34	0
10	015	01	BS	1012.4	W	12	-11	-12	-18	10
11	UNL	08		1022.9	W	12	-23	-23	-29	0
12	UNL	09	BS	1018.7	W	18	-31	-31	-37	3
13	UNL	01	BS	1022.0	WNW	21	-30	-30	-36	3
14	UNL	15		1017.2	E	05	-43			0
15	UNL	15		1013.3	C	00	-41			0
16	UNL	15		1016.0	C	00	-48			0
17	UNL	15		1021.3	C	00	-51			0
18	UNL	15		1024.4	N	04	-51			0
19	UNL	15		1030.6	NE	04	-46			2
20	030	02	BS	1038.5	W	15	-35			10
21	UNL	15		1038.9	N	04	-41			0
22	UNL	15		1031.7	C	00	-45			0
23	UNL	15		1014.4	C	00	-45			0
24	UNL	15		1002.4	NW	08	-27	-27	-33	0
25	UNL	15		1004.0	WNW	12	-23	-23	-29	0
26	UNL	15		1008.3	E	03	-44			3
27	UNL	15		1015.4	E	03	-47			0
28	UNL	15		1009.1	C	00	-50			0

SYNOPTIC OBSERVATIONS

EUREKA

EUREKA NWT
MARCH 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1009.7	C	00	-50			0
02	UNL	15		1012.4	C	00	-51			0
03	070	03	IC	1008.3	C	00	-49			10
04	UNL	15		1011.0	C	00	-51			0
05	UNL	15		1009.6	C	00	-52			0
06	UNL	15		1008.0	C	00	-50			0
07	070	03	S-	1012.6	W	05	-35	-35	-41	10
08	UNL	15		1012.2	C	00	-35	-35	-41	2
09	040	15		1019.2	C	00	-23	-23	-29	10
10	010	08		1007.4	SE	15	-14	-14	-19	10
11	UNL	15		1017.6	SE	10	-28	-28	-34	0
12	UNL	15		1027.7	C	00	-48			0
13	UNL	15		1024.3	C	00	-52			0
14	UNL	15		1018.4	C	00	-50			0
15	050	01	S-	1011.4	C	00	-27	-27	-33	10
16	UNL	08		1020.2	ESE	04	-29	-29	-35	2
17	UNL	15		1018.8	C	00	-30	-30	-36	1
18	UNL	15		1019.6	E	03	-38			1
19	UNL	15		1028.2	E	02	-41			0
20	UNL	15		1035.7	C	00	-45			4
21	UNL	15		1032.2	C	00	-43			1
22	UNL	15		1024.2	C	00	-47			0
23	085	07		1001.1	NW	21	-23	-23	-29	10
24	UNL	15		994.4	E	03	-31	-31	-37	5
25	UNL	08		1008.4	NNE	02	-32	-32	-38	7
26	UNL	10		1005.3	C	00	-31	-31	-37	6
27	UNL	15		1011.5	SE	02	-43			1
28	UNL	15		1019.7	E	05	-45			0
29	UNL	15		1019.9	C	00	-43			0
30	UNL	15		1004.9	E	03	-39			1
31	UNL	15		1005.9	NE	04	-30	-30	-36	4
AVG				1014.3		03	-39			03

EUREKA NWT
MARCH 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1003.8	C	00	-48			0
02	UNL	15		1013.4	C	00	-49			0
03	070	03	S-	1007.7	C	00	-41			10
04	UNL	15		1011.1	C	00	-52			0
05	UNL	15		1009.2	C	00	-52			0
06	UNL	15		1008.4	C	00	-50			0
07	070	03	S-	1012.6	W	05	-33	-33	-39	10
08	UNL	15		1013.0	C	00	-40			5
09	040	15		1013.1	SE	05	-19	-19	-24	10
10	015	08		1007.0	SE	12	-18	-18	-23	10
11	UNL	15		1019.4	ESE	12	-30	-30	-36	0
12	UNL	15		1028.3	C	00	-48			0
13	UNL	15		1029.5	C	00	-54			0
14	UNL	05	F	1016.8	C	00	-48			0
15	030	01	1/2S-	1013.0	SE	05	-24	-24	-30	10
16	055	10		1021.6	SE	03	-29	-29	-35	8
17	UNL	15		1017.7	C	00	-30	-30	-36	0
18	UNL	15		1020.2	E	03	-39			1
19	UNL	15		1029.7	C	00	-44			0
20	UNL	15		1036.2	C	00	-49			6
21	UNL	15		1031.8	C	00	-46			1
22	UNL	15		1021.3	C	00	-47			2
23	085	15		1002.4	E	04	-29	-29	-35	10
24	080	01	S-	997.0	E	04	-29	-29	-35	10
25	UNL	10		1009.2	E	03	-34	-34	-40	6
26	UNL	15		1005.0	NNE	04	-33	-33	-39	1
27	UNL	15		1014.2	ESE	04	-43			0
28	UNL	15		1020.5	C	00	-48			0
29	UNL	15		1012.1	N	01	-46			1
30	080	15		1004.5	NNE	06	-35	-35	-41	9
31	UNL	15		1006.0	NE	03	-38			1
AVG				1014.5		02	-39			04

EUREKA NWT
MARCH 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1003.2	C	00	-50			0
02	UNL	15		1014.1	C	00	-53			1
03	UNL	04	IF	1007.9	C	00	-42			5
04	UNL	15		1011.0	C	00	-53			0
05	UNL	15		1009.4	C	00	-52			1
06	UNL	15		1009.0	C	00	-48			3
07	070	03	S-	1012.8	C	00	-31	-31	-37	10
08	UNL	15		1013.4	C	00	-41			2
09	040	03	F	1013.	SE	04	-21	-21	-26	10
10	060	10		1006.	SE	15	-11	-11	-16	10
11	UNL	15		1021.2	ESE	08	-30	-30	-36	1
12	UNL	15		1028.8	C	00	-50			0
13	UNL	15		1022.8	C	00	-52			0
14	UNL	08		1015.1	C	00	-45			5
15	010	01	S-F	1013.7	ESE	06	-23	-23	-29	10
16	060	10		1022.4	C	00	-31	-31	-37	10
17	UNL	15		1016.8	C	00	-34	-34	-40	2
18	UNL	15		1020.5	C	00	-43			1
19	UNL	15		1030.7	C	00	-43			1
20	UNL	15		1036.1	C	00	-42			10
21	UNL	15		1031.3	C	00	-42			10
22	UNL	04	IF	1017.5	C	00	-46			4
23	UNL	15		1003.0	E	02	-30	-30	-36	4
24	080	01	S-	999.2	E	02	-26	-26	-32	10
25	UNL	15		1009.8	E	05	-36			5
26	UNL	10		1004.8	ESE	03	-35	-35	-41	9
27	UNL	15		1016.4	NNW	03	-45			0
28	UNL	15		1020.6	ESE	03	-49			0
29	UNL	15		1010.4	C	00	-47			1
30	100	15		1004.7	C	00	-34	-34	-40	10
31	UNL	15		1005.6	C	00	-37			7
AVG				1014.6		02	-39			05

EUREKA NWT
MARCH 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1003.2	C	00	-51			0
02	UNL	15		1014.0	C	00	-52			1
03	UNL	10		1008.6	C	00	-38			8
04	UNL	15		1010.8	C	00	-53			0
05	UNL	15		1009.3	C	00	-52			0
06	120	15		1009.8	C	00	-45			10
07	050	05	F	1012.9	C	00	-29	-29	-35	10
08	UNL	15		1013.5	C	00	-43			5
09	030	05	F	1013.5	SE	02	-20	-20	-25	10
10	060	09	F	1006.	SE	15	-13	-13	-18	10
11	UNL	15		1022.7	ESE	06	-32	-32	-38	0
12	UNL	15		1028.8	C	00	-49			0
13	UNL	15		1022.8	C	00	-50			3
14	060	09	F	1013.3	E	02	-42			10
15	012	01	S-F	1014.7	SE	04	-25	-25	-31	10
16	060	08		1022.7	C	00	-29	-29	-35	10
17	UNL	15		1015.6	C	00	-37			0
18	UNL	15		1020.4	E	03	-43			0
19	UNL	10		1032.1	C	00	-43			2
20	UNL	15		1035.4	C	00	-41			10
21	UNL	15		1030.7	C	00	-39			0
22	UNL	02	IF	1012.6	W	12	-28	-28	-34	10
23	UNL	15		1002.4	C	00	-30	-30	-36	1
24	080	02	S-	1001.3	C	00	-24	-24	-30	10
25	UNL	15		1009.4	C	00	-37			1
26	UNL	15		1009.2	E	03	-34	-34	-40	1
27	UNL	15		1017.5	C	00	-40			0
28	UNL	15		1020.4	C	00	-44			0
29	UNL	10		1008.6	NE	03	-44			2
30	060	15		1009.3	SE	06	-30	-30	-36	10
31	UNL	15		1005.3	NE	01	-37			9
AVG				1014.5		02	-38			04

EUREKA NWT
MARCH 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1004.7	C	00	-50			0
02	UNL	15		1013.3	C	00	-50			0
03	UNL	15		1009.4	C	00	-40			1
04	UNL	15		1010.4	C	00	-50			0
05	UNL	15		1008.4	C	00	-49			0
06	070	15		1010.3	C	00	-40			7
07	070	08		1012.7	C	00	-27	-27	-33	8
08	UNL	15		1013.8	C	00	-39			8
09	060	10		1012.0	SE	04	-17	-17	-22	10
10	UNL	01	F	1008.9	SE	20	-17	-17	-21	4
11	UNL	15		1023.7	ESE	04	-31	-31	-37	2
12	UNL	15		1028.3	C	00	-49			0
13	UNL	15		1022.2	C	00	-48			4
14	110	07		1011.5	C	00	-36			10
15	055	02	1/2S-	1015.6	SE	05	-23	-23	-29	10
16	UNL	08		1022.5	SSW	03	-28	-28	-34	8
17	UNL	15		1015.6	E	03	-35	-35	-41	0
18	UNL	15		1021.1	E	04	-42			0
19	UNL	12		1032.6	C	00	-44			1
20	UNL	15		1034.6	C	00	-40			10
21	UNL	15		1030.1	E	03	-39			0
22	036	01	1/2BS	1008.2	W	25	-24	-24	-30	10
23	UNL	15		1000.7	SE	04	-31	-31	-37	3
24	035	01	S-	1002.6	C	00	-23	-23	-29	10
25	050	10		1008.6	C	00	-30	-30	-36	10
26	UNL	15		1005.1	E	03	-34	-34	-40	2
27	UNL	15		1018.6	C	00	-40			0
28	UNL	15		1019.4	E	02	-40			0
29	UNL	15		1006.4	E	04	-39			4
30	090	15		1005.2	SE	05	-26	-26	-32	10
31	UNL	15		1004.9	C	00	-35	-35	-41	1
AVG				1014.2		03	-36			04

EUREKA NWT
MARCH 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1006.8	C	00	-50			2
02	UNL	10		1012.7	C	00	-52			3
03	UNL	15		1010.5	C	00	-45			0
04	UNL	15		1010.5	C	00	-50			0
05	UNL	15		1011.7	C	00	-39			6
06	UNL	15		1008.4	C	00	-51			1
07	070	15		1013.4	C	00	-27	-27	-33	8
08	UNL	08		1014.1	C	00	-36			9
09	UNL	15		1011.7	SE	14	-20	-20	-25	9
10	UNL	04	F	1011.2	SE	20	-19	-19	-24	4
11	UNL	15		1025.5	ESE	02	-34	-34	-40	1
12	UNL	15		1027.6	E	03	-49			0
13	UNL	15		1021.7	C	00	-46			3
14	110	10		1010.8	C	00	-34	-34	-40	10
15	UNL	05	IF	1016.9	ESE	06	-25	-25	-31	8
16	UNL	08		1022.1	C	00	-26	-26	-32	8
17	UNL	15		1016.7	E	04	-32	-32	-38	0
18	UNL	15		1022.9	E	02	-39			0
19	UNL	15		1033.4	C	00	-43			7
20	UNL	15		1034.0	C	00	-39			9
21	UNL	15		1029.5	C	00	-38			0
22	030	01	BS	1004.7	W	25	-21	-21	-26	10
23	UNL	15		998.3	E	03	-33	-33	-39	3
24	040	01	1/2S-	1004.3	C	00	-22	-22	-27	10
25	050	06	S-	1007.9	C	00	-30	-30	-36	10
26	UNL	15		1005.9	E	03	-35	-35	-41	1
27	UNL	15		1019.1	C	00	-42			0
28	UNL	15		1018.5	E	03	-39			0
29	UNL	15		1006.4	E	02	-36			0
30	090	15		1005.4	NE	02	-24	-24	-30	10
31	UNL	15		1005.7	C	00	-35	-35	-41	1
AVG				1014.4		03	-36			04

EUREKA NWT
MARCH 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1008.1	C	00	-48			0
02	UNL	15		1011.8	C	00	-52			3
03	UNL	15		1011.6	C	00	-47			0
04	UNL	15		1010.4	C	00	-53			0
05	UNL	15		1008.2	C	00	-51			1
06	UNL	15		1012.5	C	00	-39			9
07	UNL	10		1012.7	C	00	-27	-27	-33	9
08	UNL	15		1014.0	C	00	-32	-32	-38	6
09	030	10		1010.5	SE	06	-16	-16	-22	10
10	UNL	08		1014.5	SE	06	-24	-24	-30	1
11	UNL	15		1027.0	C	00	-40			1
12	UNL	15		1026.5	C	00	-51			1
13	UNL	15		1021.3	C	00	-48			1
14	006	01	S-	1010.9	C	00	-30	-30	-36	10
15	055	05	IF	1017.8	ESE	14	-26	-26	-32	10
16	UNL	05	IF	1021.4	SE	03	-25	-25	-29	10
17	UNL	15		1017.9	NE	02	-36			3
18	UNL	15		1024.1	E	06	-38			0
19	UNL	15		1034.4	C	00	-6			5
20	UNL	15		1033.4	C	00	-40			
21	UNL	15		1028.4	C	00	-41			0
22	030	01	BS	1001.6	W	28	-21	-21	-26	10
23	UNL	15		995.7	E	03	-31	-31	-37	3
24	040	01	S-	1005.6	C	00	-24	-24	-30	10
25	090	10		1007.1	C	00	-31	-31	-37	10
26	UNL	15		1007.7	C	00	-35	-35	-41	0
27	UNL	15		1019.3	E	02	-43			0
28	UNL	15		1017.3	C	00	-43			5
29	UNL	15		1005.5	C	00	-38			1
30	017	01	S-	1005.3	C	00	-22	-22	-27	10
31	UNL	15		1006.6	E	03	-36			1
AVG				1014.5		02	-37			05

EUREKA NWT
MARCH 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1010.4	C	00	-52			0
02	120	15		1010.4	C	00	-47			10
03	UNL	15		1011.5	C	00	-50			0
04	UNL	15		1010.0	C	00	-51			0
05	UNL	15		1007.8	C	00	-51			0
06	070	03	S-	1013.3	W	06	-36			10
07	UNL	15		1012.1	C	00	-32	-32	-38	3
08	UNL	15		1019.5	ESE	06	-27	-27	-33	4
09	030	10		1009.6	SE	02	-15	-15	-20	10
10	UNL	15		1016.2	SE	12	-27	-27	-33	1
11	UNL	15		1027.5	C	00	-45			1
12	UNL	15		1025.5	C	00	-51			1
13	UNL	15		1020.0	C	00	-48			1
14	006	01	S-	1011.1	E	03	-29	-29	-35	10
15	055	08		1019.2	ESE	15	-27	-27	-33	8
16	035	08		1020.4	SE	05	-23	-23	-29	8
17	UNL	15		1019.0	E	03	-39			0
18	UNL	15		1026.4	C	00	-43			0
19	UNL	15		1035.1	C	00	-45			5
20	UNL	15		1032.8	C	00	-43			0
21	UNL	15		1026.8	C	00	-45			0
22	030	00	1/2BS	1000.0	W	35	-26	-26	-32	10
23	UNL	15		994.3	E	04	-37			0
24	040	05	F	1006.9	C	00	-27	-27	-33	7
25	090	10		1006.4	C	00	-30	-30	-36	10
26	UNL	15		1010.1	E	05	-41			0
27	UNL	15		1019.5	E	02	-46			0
28	UNL	15		1015.9	C	00	-40			6
29	UNL	15		1005.3	C	00	-37			1
30	030	01	S-	1005.6	W	02	-23	-23	-29	10
31	UNL	15		1007.6	C	00	-40			4
AVG				1014.5		03	-38			04

SYNOPTIC OBSERVATIONS

EUREKA

EUREKA NWT
APRIL 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	01	IF	1007.5	C	00	-44			1
02	040	03	F	1013.9	SE	06	-21	-21	-26	10
03	100	08		1014.9	W	06	-36			9
04	UNL	15		1008.9	E	03	-45			0
05	120	05	F	1010.0	NE	03	-35	-35	-41	7
06	120	03	F	1013.5	NE	02	-27	-27	-33	7
07	075	00	1/2F	1027.9	E	12	-27	-27	-33	10
08	UNL	15		1029.5	N	02	-26	-26	-32	2
09	019	00	1/2S-BS	1034.2	ESE	20	-04	-04	-08	10
10	UNL	08		1030.3	SE	18	02	02	-05	3
11	UNL	15		1028.6	NE	04	-04	-04	-09	3
12	110	15		1022.3	SE	12	11	11	07	10
13	UNL	15		1033.0	ESE	05	-05	-05	-10	1
14	UNL	15		1026.2	C	00	-12	-12	-17	0
15	UNL	15		1024.8	C	00	-07	-07	-11	0
16	UNL	15		1027.4	E	04	-09	-09	-13	4
17	UNL	15		1029.0	N	04	-13	-13	-18	1
18	UNL	15		1031.9	C	00	-19	-19	-24	2
19	UNL	15		1034.9	C	00	-15	-15	-20	1
20	UNL	15		1029.3	C	00	-09	-09	-13	5
21	030	03	F	1019.6	E	06	-06	-06	-11	10
22	UNL	15		1016.0	N	02	-09	-09	-13	0
23	UNL	12		1018.7	C	00	-13	-13	-18	1
24	UNL	15		1021.4	C	00	-23	-23	-29	0
25	260	08		1020.4	C	00	-18	-18	-23	10
26	UNL	15		1017.5	C	00	-21	-21	-26	8
27	UNL	15		1018.7	C	00	-23	-23	-29	0
28	UNL	15		1023.4	N	04	-18	-18	-23	0
29	UNL	15		1029.6	WNW	15	-06	-06	-12	0
30	UNL	15		1027.0	W	22	-01	-02	-10	6
AVG				1022.9		05	-16	-16	-21	04

EUREKA NWT
APRIL 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	120	08		1007.2	C	00	-44			8
02	040	02	F	1016.1	SE	12	-21	-21	-26	10
03	100	15		1012.9	C	00	-34	-34	-40	9
04	UNL	15		1010.2	E	04	-49			0
05	UNL	08		1010.8	C	00	-37			4
06	020	03	F	1015.5	C	00	-25	-25	-31	10
07	070	01	F	1027.8	SE	12	-26	-26	-32	10
08	UNL	15		1034.1	C	00	-27	-27	-33	0
09	015	00	1/2S-BS	1033.2	SE	18	-02	-02	-06	10
10	UNL	15		1030.3	SE	15	02	02	-03	5
11	UNL	15		1028.6	E	02	-06	-06	-10	7
12	110	15		1023.3	SE	12	12	12	09	10
13	UNL	15		1033.7	C	00	-10	-10	-16	1
14	UNL	15		1029.1	C	00	-11	-11	-16	1
15	UNL	15		1026.3	C	00	-10	-10	-15	0
16	080	03	S-	1027.8	E	09	-08	-08	-12	8
17	UNL	15		1029.6	C	00	-15	-15	-20	0
18	UNL	15		1032.7	E	03	-19	-19	-24	2
19	UNL	15		1034.3	E	05	-16	-16	-21	4
20	UNL	15		1024.3	E	05	-11	-11	-16	0
21	015	01	S-	1018.7	E	07	-05	-05	-09	10
22	UNL	15		1017.0	NW	02	-11	-11	-16	5
23	UNL	15		1018.9	NE	04	-18	-18	-23	0
24	UNL	15		1020.9	C	00	-26	-26	-32	0
25	250	15	S-	1020.5	C	00	-19	-19	-24	9
26	UNL	10		1017.1	E	03	-18	-18	-23	8
27	UNL	15		1019.6	C	00	-27	-27	-33	1
28	UNL	15		1024.5	E	04	-27	-27	-33	0
29	UNL	15		1029.8	W	08	-07	-07	-13	0
30	UNL	15		1026.4	WNW	06	-02	-03	-10	0
AVG				1023.2		04	-17	-17	-22	04

EUREKA NWT
APRIL 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	040	03	F	1006.6	C	00	-39			10
02	050	08		1017.6	SE	06	-23	-23	-29	9
03	UNL	15		1011.1	C	00	-39			6
04	UNL	15		1010.9	C	00	-48			6
05	120	10		1010.3	NE	02	-36			10
06	015	01	F	1017.9	ESE	05	-18	-18	-23	10
07	030	00	1/2F	1026.6	SE	20	-22	-22	-27	10
08	UNL	15		1037.9	ESE	04	-32	-32	-38	0
09	015	00	3/4S-F	1032.1	SE	12	02	02	-01	10
10	UNL	15		1030.5	SE	12	02	01	-05	1
11	UNL	15		1029.0	C	00	-08	-08	-12	8
12	120	15		1023.9	SE	10	13	12	09	10
13	UNL	15		1033.1	C	00	-12	-12	-17	0
14	UNL	15		1024.1	C	00	-15	-15	-20	0
15	UNL	15		1027.2	E	04	-10	-10	-15	0
16	UNL	10		1027.8	E	06	-06	-07	-13	3
17	UNL	15		1030.1	NE	02	-16	-16	-21	3
18	UNL	15		1033.3	ESE	03	-18	-18	-23	1
19	UNL	15		1033.7	E	04	-14	-14	-19	3
20	UNL	15		1029.6	E	04	-09	-09	-13	0
21	015	00	3/4S-	1018.2	E	04	-02	-02	-06	10
22	120	15		1017.8	C	00	-13	-13	-18	9
23	UNL	15		1019.8	C	00	-15	-15	-20	0
24	UNL	15		1020.8	C	00	-22	-22	-27	0
25	UNL	15		1020.4	C	00	-17	-17	-22	3
26	UNL	15		1016.8	ESE	04	-18	-18	-23	8
27	UNL	15		1020.0	C	00	-26	-26	-32	0
28	UNL	15		1025.3	E	03	-21	-21	-26	2
29	UNL	15		1030.2	WNW	07	-03	-04	-09	0
30	UNL	15		1025.5	WNW	22	00	-01	-09	0
AVG				1029.4		04	-16	-16	-21	04

EUREKA NWT
APRIL 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	040	15		1006.2	C	00	-36			10
02	090	12		1018.4	SE	04	-29	-29	-35	8
03	UNL	15		1009.7	E	04	-39			2
04	140	15		1011.4	C	00	-40			9
05	120	01	IF	1009.8	C	00	-30	-30	-36	10
06	020	00	3/4F	1020.0	S	12	-17	-17	-22	10
07	030	00	1/2BS	1024.7	SE	24	-18	-18	-23	10
08	UNL	15		1040.5	E	03	-27	-27	-33	0
09	015	00	1/2S-BS	1031.1	SE	24	05	05	02	10
10	UNL	15		1030.2	SE	12	05	05	00	5
11	UNL	15		1028.6	E	03	00	-01	-09	9
12	UNL	15		1026.1	NNW	03	09	08	04	4
13	UNL	15		1032.4	C	00	-04	-05	-10	0
14	UNL	15		1029.0	E	06	-08	-08	-13	0
15	UNL	15		1027.3	SE	03	-08	-08	-12	0
16	UNL	15		1027.9	W	12	02	02	-05	2
17	UNL	15		1030.3	SE	03	-10	-10	-15	0
18	UNL	15		1033.9	E	03	-14	-14	-19	1
19	UNL	15		1032.4	E	05	-09	-09	-13	6
20	UNL	15		1022.6	E	04	-09	-09	-13	0
21	030	01	S-	1017.2	SE	06	01	01	-04	10
22	120	10		1018.2	NW	05	-05	-05	-10	9
23	UNL	15		1020.4	C	00	-16	-16	-21	0
24	200	15		1020.5	SE	02	-19	-19	-24	9
25	UNL	15		1020.0	C	00	-17	-17	-22	3
26	UNL	15		1016.6	E	03	-15	-15	-20	5
27	UNL	15		1020.1	E	02	-19	-19	-24	2
28	UNL	15		1025.8	W	10	-09	-09	-13	4
29	UNL	15		1029.7	W	10	-03	-04	-09	0
30	UNL	15		1024.5	W	18	00	-01	-09	0
AVG				1023.3		06	-13	-13	-18	05

EUREKA NWT
APRIL 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	038	15		1006.3	C	00	-31	-31	-37	10
02	UNL	15		1019.2	E	08	-29	-29	-35	3
03	UNL	15		1007.7	ESE	09	-38			0
04	050	15		1010.6	C	00	-37			10
05	120	08		1008.9	WNW	08	-26	-26	-30	10
06	UNL	03	F	1021.8	SE	18	-21	-21	-25	3
07	005	00	1/4F BS	1022.5	SSE	18	-15	-15	-19	10
08	080	15		1040.9	NE	09	-23	-23	-29	10
09	100	03	BS	1030.4	SE	18	06	06	01	10
10	UNL	15		1029.7	ESE	07	03	02	-03	6
11	UNL	15		1027.3	ENE	09	01	00	-07	9
12	UNL	15		1028.8	WNW	15	09	09	04	3
13	UNL	15		1031.4	ESE	00	-05	-08	-10	0
14	UNL	15		1022.2	E	09	-02	-02	-07	1
15	UNL	15		1026.8	C	00	00	-01	-05	0
16	UNL	15		1027.7	NW	10	02	02	-04	2
17	UNL	15		1029.9	E	09	-10	-10	-15	0
18	UNL	15		1034.0	ESE	03	-10	-10	-15	1
19	UNL	15		1030.6	E	05	-07	-07	-13	3
20	UNL	15		1021.5	SSE	09	-05	-05	-10	3
21	034	01	S-	1016.2	SE	04	04	03	-02	10
22	015	05	S-	1018.1	NW	06	00	00	-04	10
23	UNL	15		1020.1	ESE	02	-13	-13	-19	0
24	200	15		1020.4	E	02	-14	-14	-19	8
25	UNL	15		1019.3	C	00	-19	-19	-20	0
26	UNL	15		1016.1	SE	03	-19	-19	-18	8
27	UNL	15		1020.4	C	00	-17	-17	-22	8
28	UNL	15		1026.5	NW	04	-07	-07	-12	2
29	UNL	15		1028.7	WNW	10	00	00	-08	1
30	UNL	15		1025.1	W	15	02	02	-05	1
AVG				1022.9		06	-10	-11	-15	05

EUREKA NWT
APRIL 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	08		1007.5	ESE	03	-29	-29	-35	10
02	UNL	15		1019.4	NE	03	-26	-26	-32	1
03	UNL	15		1007.1	ESE	03	-36			0
04	020	01	F	1009.4	ESE	03	-34	-33	-37	10
05	120	08		1008.8	NW	12	-24	-24	-28	10
06	UNL	00	1/2F	1023.4	SE	09	-24	-23	-26	4
07	030	00	1/4F BS	1021.0	S	21	-13	-13	-17	10
08	040	15		1040.4	C	00	-17	-17	-22	10
09	120	02	BS	1029.9	SSE	18	05	05	00	10
10	UNL	15		1029.6	C	00	05	04	00	4
11	120	15		1026.5	ENE	04	04	04	-02	9
12	UNL	15		1031.2	W	12	09	09	04	1
13	UNL	15		1029.8	SE	03	-04	-04	-09	0
14	UNL	15		1022.2	ESE	03	01	00	-06	1
15	UNL	15		1026.9	C	00	00	00	-05	1
16	UNL	15	IC	1028.2	E	05	-02	-02	-08	2
17	UNL	15		1030.4	ESE	05	-08	-08	-13	0
18	UNL	15		1034.7	E	02	-08	-08	-13	1
19	040	15		1029.5	SE	03	-05	-05	-11	8
20	UNL	15		1021.1	ESE	08	-02	-02	-07	1
21	015	00	1/4S-F	1015.6	ESE	05	05	05	01	10
22	UNL	10		1018.4	WNW	10	-02	-02	-07	3
23	UNL	15		1020.9	C	00	-11	-11	-17	0
24	UNL	15		1020.3	C	00	-12	-12	-17	8
25	UNL	15		1019.0	ESE	03	-12	-12	-17	0
26	UNL	15		1016.8	C	00	-11	-11	-17	1
27	120	05	S-	1021.0	C	00	-14	-14	-19	9
28	UNL	15		1027.1	W	18	-06	-06	-12	0
29	UNL	15		1028.4	W	08	02	01	-07	1
30	UNL	15		1022.2	W	12	04	04	-04	2
AVG				1022.9		06	-09	-09	-14	04

EUREKA NWT
APRIL 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	038	01	S-	1009.5	ESE	06	-24	-24	-30	10
02	UNL	15		1018.8	E	02	-31	-31	-37	1
03	UNL	15		1007.0	C	00	-38			0
04	010	01	S-F	1008.7	C	00	-30	-30	-36	10
05	031	00	3/4S-F	1009.0	W	03	-22	-22	-26	10
06	UNL	00	1/4BS	1024.5	S	24	-27	-27	-33	7
07	UNL	15		1021.4	S	06	-17	-17	-22	2
08	023	00	3/4S-	1038.7	C	00	-15	-15	-20	10
09	UNL	02	BS	1030.3	ESE	18	05	05	00	9
10	UNL	15		1028.6	ESE	05	03	02	-03	2
11	160	15		1025.0	ESE	04	05	04	-01	10
12	UNL	15		1032.1	W	12	08	06	01	0
13	UNL	15		1028.4	C	00	-05	-05	-10	1
14	UNL	15		1022.4	E	09	04	04	-01	1
15	004	15		1026.8	C	00	-02	-02	-07	8
16	UNL	04	IC1F	1028.3	NNE	03	-01	-01	-06	2
17	UNL	15		1031.0	C	00	-10	-10	-15	5
18	UNL	15		1035.0	C	00	-10	-10	-15	6
19	030	15		1028.2	ESE	02	-03	-03	-07	9
20	UNL	15		1020.8	E	07	-02	-02	-07	5
21	009	00	1/4S-F	1019.4	E	09	05	05	01	10
22	UNL	10		1018.9	C	00	-03	-03	-08	9
23	UNL	15		1021.2	C	00	-14	-14	-20	0
24	200	05	S-IF	1020.5	C	00	-15	-15	-20	10
25	UNL	15		1018.4	E	03	-12	-12	-17	0
26	UNL	15		1017.3	C	00	-12	-12	-17	0
27	UNL	15		1021.9	C	00	-12	-12	-17	0
28	UNL	15		1028.1	W	15	-04	-05	-10	0
29	UNL	15		1028.1	NW	10	01	00	-08	1
30	UNL	15		1021.0	W	10	04	04	-02	8
AVG				1022.8		05	-09	-09	-14	05

EUREKA NWT
APRIL 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	030	03	F	1011.9	SE	08	-23	-23	-29	10
02	UNL	15		1017.5	C	00	-39			9
03	UNL	15		1007.7	C	00	-49			0
04	010	00	3/4S-F	1009.1	ESE	02	-29	-29	-33	10
05	040	02	1/2S-	1011.6	E	03	-24	-24	-30	8
06	050	00	1/2F	1026.7	SE	12	-29	-29	-31	10
07	UNL	15		1025.1	W	03	-20	-20	-25	2
08	029	00	3/4S-	1036.0	C	00	-18	-13	-18	10
09	UNL	02	BS	1030.4	SE	21	03	03	-03	5
10	UNL	15		1028.5	E	06	01	01	-04	1
11	130	15		1023.1	SE	10	09	09	04	9
12	UNL	15		1032.8	WNW	11	04	04	-01	1
13	UNL	15		1027.5	C	00	-09	-09	-13	0
14	UNL	15		1029.9	C	00	-05	-05	-08	0
15	080	15		1027.3	C	00	-04	-04	-08	10
16	UNL	15		1028.7	NW	04	-08	-08	-13	9
17	UNL	15		1031.6	C	00	-13	-13	-18	7
18	UNL	15		1035.0	C	00	-12	-12	-17	1
19	UNL	15		1026.3	C	00	-05	-05	-09	4
20	090	15		1020.0	E	07	-06	-06	-11	8
21	025	00	1/2S-F	1015.6	C	00	04	04	00	10
22	UNL	10		1018.6	WNW	04	-10	-10	-17	3
23	UNL	15		1021.1	C	00	-18	-18	-23	0
24	200	10		1020.3	C	00	-16	-16	-21	10
25	UNL	08	IC	1017.5	ENE	03	-17	-17	-22	1
26	UNL	15		1018.0	C	00	-18	-18	-23	0
27	UNL	15		1022.7	NW	03	-18	-18	-23	0
28	UNL	15		1029.1	NW	15	-05	-05	-12	0
29	UNL	15		1027.3	NW	08	-01	-02	-09	5
30	UNL	15		1019.8	W	06	05	04	-02	8
AVG				1023.0		04	-12	-12	-17	05

SYNOPTIC OBSERVATIONS

EUREKA

EUREKA NWT
MAY 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	250	15		1018.2	W	15	08	07	01	8
02	200	15		1018.6	N	08	05	05	-01	9
03	UNL	15		1013.9	ESE	04	-01	-02	-08	1
04	UNL	15		1016.2	WNW	02	-02	-02	-07	1
05	UNL	15		1022.9	C	00	-09	-09	-15	0
06	UNL	15		1022.4	C	00	-08	-08	-12	0
07	UNL	15		1019.6	NNE	02	-06	-06	-11	0
08	200	15		1016.9	E	03	03	03	-01	9
09	UNL	15		1016.8	NE	03	-02	-02	-07	1
10	UNL	15		1010.5	NE	02	00	00	-05	2
11	UNL	15		1005.3	C	00	00	00	-06	6
12	UNL	15		1006.5	C	00	03	03	-03	0
13	UNL	15		1008.1	C	00	03	03	-01	0
14	UNL	15		1012.5	N	06	05	04	-02	0
15	UNL	15		1012.2	NE	03	04	04	00	0
16	UNL	15		1014.6	NE	03	04	04	00	5
17	012	10	S-	1017.3	E	05	11	10	05	10
18	020	10	S-	1021.4	E	05	12	12	08	10
19	020	15		1024.7	W	08	12	11	07	9
20	015	10		1024.2	C	00	12	11	07	10
21	010	02	S-	1021.2	SE	06	16	16	12	10
22	UNL	15		1004.1	C	00	06	06	01	1
23	UNL	15		1005.3	E	04	05	05	01	1
24	120	15		1006.6	NW	12	10	09	06	7
25	150	15		1011.3	N	04	13	12	09	10
26	095	15		1008.4	N	10	15	15	07	10
27	UNL	15		1010.0	W	08	12	11	07	0
28	UNL	15		1013.8	W	03	11	10	06	3
29	005	00	3/4S-F	1013.5	SE	05	17	17	14	10
30	UNL	15		1021.9	SE	15	11	11	06	9
31	UNL	15		1026.0	N	11	18	16	09	7
AVG				1015.0		05	06	06	01	05

EUREKA NWT
MAY 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	250	15		1017.5	W	10	06	05	-01	9
02	200	15		1018.8	WSW	15	07	06	01	10
03	080	15		1013.5	ESE	05	-03	-04	-10	9
04	UNL	15		1018.4	C	00	-05	-06	-11	0
05	UNL	15		1022.8	C	00	-10	-10	-17	0
06	UNL	15		1022.6	ESE	04	-12	-12	-17	0
07	UNL	15		1019.6	E	03	-09	-09	-14	0
08	UNL	15		1017.1	ESE	04	-01	-01	-06	3
09	UNL	15		1016.6	C	00	-06	-06	-11	0
10	UNL	15		1010.2	E	02	-03	-03	-08	5
11	UNL	15		1005.5	C	00	-02	-03	-08	2
12	UNL	15		1006.4	C	00	02	01	-04	0
13	UNL	15		1009.0	C	00	03	02	-03	0
14	UNL	15		1013.2	E	03	02	02	-03	0
15	UNL	15		1012.4	C	00	02	02	-03	1
16	UNL	15		1015.2	C	00	04	04	00	3
17	012	10	S-	1017.4	E	04	11	11	08	10
18	020	10	S-	1022.7	E	05	12	12	08	10
19	020	15		1024.1	E	05	04	04	-01	10
20	020	10	S-	1024.9	C	00	12	11	07	10
21	020	03	S-	1019.7	SE	03	15	14	11	10
22	UNL	15		1003.2	SE	05	02	02	-03	0
23	UNL	15		1006.0	E	05	09	09	04	1
24	120	15		1006.5	NE	04	10	10	06	7
25	UNL	15		1011.7	C	00	13	13	09	7
26	095	15		1008.7	NW	10	15	14	10	10
27	UNL	15		1010.9	W	03	11	10	04	0
28	120	15		1013.9	W	06	11	11	07	8
29	010	03	S-F	1014.4	ESE	08	16	16	13	10
30	120	15		1023.8	SE	16	13	12	07	8
31	200	15		1025.3	NNW	04	18	16	09	10
AVG				1015.2		04	05	04	-01	05

EUREKA NWT
MAY 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	200	15		1016.0	NW	25	07	07	00	10
02	080	15		1019.0	W	10	11	10	05	9
03	005	05	S-	1012.3	SE	02	01	01	-04	10
04	UNL	15	IC	1019.9	ESE	05	-07	-08	-13	0
05	UNL	15		1022.6	E	07	-11	-12	-18	0
06	UNL	15		1022.6	ESE	04	-08	-08	-15	0
07	UNL	15		1019.3	ESE	04	-08	-08	-13	0
08	UNL	15		1017.2	ESE	08	01	01	-04	2
09	UNL	15		1016.0	C	00	-04	-04	-09	0
10	UNL	15		1009.7	ESE	04	-01	-02	-06	4
11	UNL	15		1005.6	ESE	02	01	01	-06	1
12	UNL	15		1006.4	C	00	02	01	-04	7
13	UNL	15		1009.5	C	00	04	04	-01	0
14	UNL	15		1013.5	SE	03	02	02	-03	0
15	UNL	15	IC	1012.7	C	00	02	02	-03	5
16	UNL	15		1015.9	C	00	03	03	-02	3
17	015	10	S-	1017.5	E	04	12	11	07	10
18	025	10	S-	1024.0	E	06	13	12	07	10
19	020	15		1023.5	E	03	07	07	03	10
20	020	03	S-	1025.2	SE	04	13	12	08	10
21	020	05	S-	1018.6	SE	06	14	15	11	10
22	UNL	15		1002.9	SE	04	03	03	-02	1
23	UNL	15		1006.6	NW	15	14	14	10	6
24	UNL	15		1007.1	NE	04	14	14	10	5
25	UNL	15		1011.5	C	00	16	15	07	7
26	035	15		1008.8	W	12	12	11	06	10
27	UNL	15		1011.2	W	08	12	12	07	0
28	140	15		1014.0	W	07	14	14	10	8
29	010	03	F	1015.1	SE	10	15	15	11	10
30	120	15		1025.3	SE	15	16	15	11	8
31	UNL	15		1023.7	NW	02	21	19	12	6
AVG				1015.3		06	06	06	01	05

EUREKA NWT
MAY 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	015	15		1016.7	WNW	05	06	06	00	10
02	080	15		1018.3	W	15	13	12	07	10
03	015	05	BS	1011.6	WNW	22	10	09	06	9
04	UNL	15		1021.3	C	00	-02	-02	-08	0
05	UNL	15		1022.3	ESE	04	-11	-11	-18	0
06	UNL	15		1022.1	ESE	05	-06	-06	-12	0
07	UNL	15		1018.7	SE	04	-04	-04	-10	2
08	UNL	15		1017.2	ESE	04	02	02	-03	1
09	UNL	15		1015.2	C	00	00	00	-05	0
10	UNL	15		1009.0	ESE	02	03	03	-02	4
11	UNL	15		1005.6	ESE	03	04	04	-03	1
12	UNL	15		1006.2	ESE	03	06	05	00	5
13	UNL	15		1010.2	C	00	10	09	05	1
14	UNL	15		1013.5	C	00	06	06	02	0
15	200	15		1012.6	E	02	08	05	-01	8
16	UNL	15		1016.3	E	04	07	06	01	0
17	020	10	S-	1017.6	C	00	15	14	11	10
18	025	12		1029.1	NE	04	15	14	09	10
19	020	05	S-	1022.6	W	10	13	12	08	10
20	020	08		1029.1	SE	03	15	14	09	10
21	020	05	S-	1016.2	SE	04	16	16	13	10
22	UNL	15		1002.4	E	02	06	05	00	0
23	UNL	15		1006.3	NW	10	18	17	15	8
24	120	15		1007.2	C	00	17	16	13	8
25	035	15		1010.9	N	08	16	15	10	10
26	035	15		1008.9	W	09	13	12	07	9
27	UNL	15		1011.5	SE	05	11	10	06	0
28	030	03	S-	1013.8	W	08	17	15	11	10
29	012	03	F	1015.6	SE	15	17	16	12	10
30	UNL	15		1026.3	SE	17	16	15	09	2
31	UNL	15		1022.0	WNW	08	17	16	10	2
AVG				1015.1		06	09	08	03	05

EUREKA NWT
MAY 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	080	01	BS	1015.9	W	24	05	05	01	8
02	200	15		1017.1	C	00	13	12	06	8
03	080	03	BS	1011.6	WNW	18	09	09	05	9
04	UNL	15		1022.1	C	00	00	00	-06	0
05	UNL	15		1022.0	SE	03	-04	-04	-09	0
06	UNL	15		1021.4	SE	02	-03	-03	-08	0
07	180	15		1018.0	E	02	-01	-01	-07	8
08	UNL	15		1017.1	ESE	06	05	05	00	0
09	UNL	15		1014.0	C	00	03	02	-02	0
10	UNL	15		1008.1	C	00	05	05	-01	0
11	UNL	15		1005.6	E	04	07	06	-01	0
12	UNL	15		1006.1	SE	03	09	08	02	2
13	UNL	15		1010.5	W	08	09	09	03	0
14	UNL	15		1013.0	S	03	09	09	03	0
15	040	15		1012.7	C	00	09	08	01	9
16	UNL	15		1016.5	E	03	10	09	02	1
17	016	10	S-	1018.0	E	03	15	14	09	10
18	UNL	15		1025.8	E	03	16	15	09	4
19	015	06	S-	1022.5	W	10	13	12	08	10
20	025	08	S-	1024.3	S	10	16	15	10	10
21	025	10	S-	1013.5	C	00	18	17	13	10
22	UNL	15		1009.0	E	03	11	10	06	0
23	UNL	15		1006.6	NW	10	17	16	13	8
24	015	10	S-	1007.6	C	00	16	15	10	9
25	050	15		1010.2	NNE	08	17	16	10	10
26	UNL	15		1008.8	W	10	14	13	08	3
27	UNL	15		1011.9	S	05	16	15	09	0
28	010	05	S-	1013.5	W	03	18	17	12	10
29	030	03	F	1016.1	SE	15	18	17	13	10
30	UNL	15		1026.6	SE	06	22	20	13	0
31	180	15		1020.3	WNW	08	19	18	13	10
AVG				1014.9		05	11	10	05	05

EUREKA NWT
MAY 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1016.6	W	15	05	05	00	2
02	070	15		1016.3	NE	10	16	15	10	9
03	200	10		1012.2	W	15	08	06	-08	9
04	UNL	15		1022.8	C	00	00	00	-06	0
05	UNL	15		1022.2	SE	04	00	-01	-06	0
06	UNL	15		1020.9	C	00	00	00	-05	0
07	120	15		1017.3	C	00	03	02	-05	10
08	UNL	15		1017.2	E	06	06	05	-01	0
09	UNL	15		1012.6	C	00	07	06	00	0
10	UNL	15		1007.1	ESE	04	08	07	01	1
11	UNL	15		1005.9	SE	02	10	09	05	0
12	UNL	15		1006.4	SE	04	11	10	04	0
13	UNL	15		1011.0	W	05	11	11	06	0
14	UNL	15		1013.0	C	00	12	11	04	0
15	UNL	15		1013.1	C	00	11	10	03	2
16	008	10	S-	1017.0	E	04	13	11	06	10
17	016	10	S-	1018.8	E	05	13	13	08	10
18	025	15		1026.1	E	04	14	13	08	6
19	015	10	S-	1022.8	W	10	13	13	07	10
20	025	15		1024.1	S	06	18	17	12	8
21	025	15	S-	1011.1	C	00	19	18	13	8
22	UNL	15		1003.5	E	07	12	11	06	0
23	090	15		1006.9	NNE	05	19	18	13	10
24	200	15		1008.6	NW	10	15	14	10	10
25	050	15		1010.2	NNE	04	18	16	11	10
26	UNL	15		1009.0	W	06	15	14	08	7
27	UNL	15		1012.4	WSW	05	18	17	10	0
28	020	10		1013.3	W	04	20	19	14	10
29	040	10		1017.3	SE	20	18	17	12	6
30	UNL	15		1027.3	SW	07	23	21	15	9
31	180	15		1018.9	NW	08	22	21	17	10
AVG				1014.9		05	12	11	06	05

EUREKA NWT
MAY 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1018.0	W	03	07	06	00	3
02	UNL	15		1015.2	E	05	13	12	07	7
03	080	03	S-	1012.8	W	15	06	05	01	10
04	UNL	15		1023.2	C	00	-01	-01	-06	0
05	UNL	15		1022.4	E	03	-01	-01	-06	0
06	UNL	15		1020.6	E	02	-01	-01	-06	0
07	120	15		1017.4	C	00	05	05	-01	10
08	UNL	15		1017.5	E	04	04	04	-01	0
09	UNL	15		1012.1	C	00	05	04	-03	1
10	UNL	15		1006.4	C	00	08	08	03	1
11	UNL	15		1006.2	C	00	10	09	04	0
12	UNL	15		1006.8	SE	04	10	09	03	0
13	UNL	15		1011.6	C	00	14	13	09	0
14	UNL	15		1012.6	ESE	04	09	08	01	0
15	090	15		1013.4	C	00	10	09	03	10
16	015	10	S-	1017.1	E	04	12	11	07	10
17	015	10	S-	1019.8	ENE	07	13	12	08	10
18	UNL	15		1026.1	C	00	16	15	10	7
19	015	10	S-	1023.2	W	08	12	12	07	9
20	025	10	S-	1023.3	SSE	06	18	17	12	10
21	UNL	15		1008.5	N	05	16	15	09	2
22	UNL	15		1004.5	C	00	13	12	06	1
23	090	15		1007.0	NW	15	13	12	07	8
24	040	15		1009.7	C	00	17	16	13	9
25	029	15		1009.6	N	19	17	15	11	9
26	UNL	15		1009.5	W	07	15	14	08	3
27	UNL	15		1013.1	W	05	17	16	09	0
28	010	02	S-	1013.2	C	00	21	20	16	10
29	080	15		1018.6	SE	05	17	16	11	10
30	UNL	15		1027.0	N	08	24	22	16	4
31	UNL	15		1017.2	W	07	22	21	16	3
AVG				1015.0		04	12	11	06	05

EUREKA NWT
MAY 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	200	15		1018.0	NE	05	07	07	01	8
02	UNL	15		1014.2	C	00	11	10	04	7
03	UNL	15		1014.2	NW	04	05	03	-02	3
04	UNL	15		1023.2	C	00	-02	-02	-08	0
05	UNL	15		1022.3	C	00	-01	-01	-05	0
06	UNL	15		1020.0	NE	03	00	00	-05	0
07	UNL	15		1017.0	E	05	04	04	00	9
08	UNL	15		1017.2	NE	04	03	03	-02	0
09	UNL	15		1011.2	C	00	02	02	-03	1
10	UNL	15		1005.8	C	00	06	06	01	3
11	UNL	15		1006.2	C	00	08	08	02	1
12	UNL	15		1007.3	C	00	10	09	05	0
13	UNL	15		1012.1	E	03	08	08	02	0
14	UNL	15		1012.1	E	04	08	07	01	0
15	090	15		1014.0	E	03	08	07	01	9
16	015	10	S-	1017.1	E	04	12	11	07	10
17	015	10	S-	1020.3	E	08	12	12	07	10
18	020	15		1025.5	C	00	12	12	06	9
19	015	10		1023.9	W	06	12	11	07	10
20	020	10	S-	1022.1	SSE	03	17	17	12	10
21	UNL	15		1006.0	ENE	04	12	11	07	2
22	UNL	15		1004.8	C	00	10	09	04	6
23	020	15		1006.8	NW	10	13	12	08	6
24	020	10	S-	1010.7	NW	04	16	16	12	10
25	035	15		1009.0	NW	08	16	16	11	9
26	UNL	15		1009.4	W	08	17	15	10	3
27	UNL	15		1013.1	WNW	04	15	14	08	1
28	005	00	1/2S-IF	1019.2	S	06	18	17	13	10
29	080	15		1020.2	SE	15	15	14	10	10
30	UNL	15		1026.6	N	15	21	20	14	2
31	UNL	15		1015.8	NW	05	21	20	15	1
AVG				1014.8		04	10	10	05	05

SYNOPTIC OBSERVATIONS

EUREKA

EUREKA NWT
JUNE 1963 0100 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1014.8	W	05	20	19	14	0
02	UNL	15		1014.1	E	04	19	17	11	9
03	060	15		1016.0	ESE	05	22	21	17	9
04	090	15		1018.7	NW	07	25	24	21	9
05	018	15		1019.2	W	06	26	25	20	10
06	008	15		1020.1	NW	04	27	26	23	9
07	018	10		1025.2	ESE	06	29	28	26	10
08	015	15		1026.3	ESE	12	34	32	29	10
09	002	00	1/4S BS	1020.2	S	40	31	31	30	10
10	010	15		1017.7	S	30	34	32	30	10
11	020	15		1019.3	C	00	33	33	32	10
12	UNL	15		1020.8	E	06	33	32	30	2
13	UNL	15		1018.1	SE	02	35	33	30	0
14	160	15		1013.3	WNW	06	34	33	32	8
15	UNL	15		1013.7	NW	15	36	33	28	5
16	UNL	15		1015.1	NW	08	32	30	27	5
17	UNL	15		1009.5	N	09	33	32	31	6
18	UNL	15		1013.4	W	06	33	31	28	7
19	080	15		1014.5	NW	03	35	32	29	6
20	UNL	15		1008.1	NW	05	34	32	29	4
21	UNL	15		1010.9	W	05	34	32	29	4
22	UNL	15		1010.3	NW	06	32	30	27	2
23	120	15		1011.4	N	03	33	31	29	10
24	025	15		1011.5	W	10	35	33	30	10
25	019	15		1012.6	N	05	37	35	32	9
26	005	10	R-	1006.1	W	02	34	34	33	10
27	040	15		1003.1	W	17	33	31	28	10
28	036	10	L-	1006.1	NW	06	35	32	30	9
29	043	15		1013.1	C	00	39	38	35	8
30	200	15		1016.3	WNW	06	34	33	31	9
AVG				1014.7		08	32	30	27	07

EUREKA NWT
JUNE 1963 0400 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1013.6	WNW	04	21	19	14	1
02	UNL	15		1014.9	E	04	20	19	16	9
03	060	10		1016.1	E	05	22	21	17	10
04	UNL	15		1019.1	SW	04	25	24	20	4
05	UNL	15		1019.9	W	15	28	26	23	2
06	025	15		1021.0	N	06	29	28	25	8
07	080	15		1025.6	SE	09	27	26	24	8
08	004	01	S-	1025.9	SSE	15	32	31	28	10
09	015	05	S-	1021.0	S	18	33	32	31	10
10	025	15		1017.8	S	20	34	32	30	9
11	015	15		1019.5	W	07	33	32	32	10
12	UNL	15		1021.3	E	06	33	33	31	2
13	UNL	15		1017.5	C	00	39	37	34	1
14	UNL	15		1013.0	WNW	06	34	33	32	3
15	UNL	15		1014.1	C	00	34	33	30	6
16	UNL	15		1014.4	W	08	32	31	28	9
17	UNL	15		1010.1	W	05	31	30	29	8
18	UNL	15		1013.9	W	04	33	31	29	5
19	120	15		1015.4	W	05	36	34	32	7
20	095	15	S-	1007.3	W	10	34	34	33	10
21	090	15		1011.2	NW	06	32	30	27	10
22	UNL	15		1009.9	W	06	31	30	28	7
23	070	15		1011.7	W	04	32	31	29	10
24	025	15		1011.9	NW	05	34	32	29	7
25	015	15	R-	1012.7	NW	04	37	35	32	9
26	012	10		1005.4	W	08	34	33	33	10
27	008	02	S-	1003.2	W	08	30	30	28	10
28	036	15	S-	1007.2	WNW	06	34	32	29	10
29	035	15		1014.2	E	07	39	37	35	10
30	035	15		1017.3	WNW	07	35	33	30	10
AVG				1014.9		07	32	30	28	08

EUREKA NWT
JUNE 1963 0700 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1013.1	W	06	21	19	14	0
02	UNL	15		1015.3	C	00	21	20	16	2
03	075	10		1016.6	SE	04	25	24	20	10
04	040	15		1019.5	NNE	06	26	25	21	10
05	UNL	15		1020.0	W	22	24	23	20	4
06	UNL	15		1021.9	NNW	25	29	27	24	4
07	080	15		1026.2	ESE	08	29	28	25	8
08	018	10		1025.3	SSE	12	32	31	28	10
09	018	10		1021.0	E	14	34	32	29	9
10	012	10	S-	1018.8	S	12	34	33	30	10
11	015	10		1019.9	W	08	33	32	32	10
12	UNL	15		1021.5	E	07	35	34	33	3
13	UNL	15		1016.8	C	00	40	38	35	4
14	UNL	15		1012.7	W	05	36	35	33	4
15	035	15		1014.5	NW	16	36	33	28	10
16	120	15		1013.1	WNW	05	33	31	28	9
17	UNL	15		1010.8	W	07	32	31	29	8
18	UNL	15		1014.2	W	08	32	31	28	2
19	120	15		1014.4	W	05	36	33	28	7
20	035	15		1008.1	W	10	34	33	33	10
21	100	15		1011.3	W	08	32	31	29	7
22	UNL	15		1009.8	W	07	31	30	28	7
23	070	15		1011.8	W	05	32	31	29	10
24	UNL	15		1012.2	W	06	37	35	32	4
25	010	15	R-	1011.2	WNW	04	35	34	34	10
26	005	05	S-	1004.8	W	07	32	32	31	10
27	025	15		1003.4	W	06	32	30	28	10
28	035	15		1008.1	WNW	04	36	33	30	10
29	035	15		1014.7	SE	02	40	37	33	9
30	035	15		1018.2	W	08	36	33	29	9
AVG				1015.0		07	32	31	28	07

EUREKA NWT
JUNE 1963 1000 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1012.4	W	08	25	23	18	1
02	UNL	15		1015.7	SE	04	23	21	17	2
03	020	10		1016.9	SE	04	27	26	23	10
04	010	15		1019.7	W	12	26	25	21	10
05	UNL	15		1020.0	W	10	27	25	21	0
06	UNL	15		1022.4	W	12	28	26	22	2
07	080	15		1025.8	SE	08	32	31	28	8
08	015	03	F	1024.7	S	30	33	32	29	10
09	001	00	1/4S+	1019.9	SE	20	33	32	31	10
10	030	10		1018.4	S	14	35	34	33	10
11	010	08		1019.8	WNW	04	34	33	33	10
12	UNL	15		1021.0	SE	06	36	34	31	6
13	UNL	15		1016.0	SE	05	40	37	34	4
14	120	15		1012.7	NW	06	38	36	34	8
15	UNL	15		1015.1	NNW	12	36	34	29	9
16	030	15		1011.2	W	10	33	30	27	10
17	UNL	15		1011.0	W	10	33	32	30	7
18	UNL	15		1014.5	WNW	06	35	32	29	1
19	035	15		1013.3	WNW	07	34	31	27	8
20	025	15		1008.4	W	06	35	33	30	10
21	100	15		1011.2	W	08	33	31	29	9
22	UNL	15		1010.3	W	07	34	32	29	7
23	040	15		1014.9	W	04	34	32	29	10
24	UNL	15		1012.4	W	09	37	34	30	5
25	005	15		1011.0	WNW	07	34	34	34	10
26	015	10		1004.1	WSW	12	33	33	32	10
27	012	09	S-F	1003.4	W	07	33	33	32	10
28	035	15		1008.8	W	04	36	33	29	10
29	035	15		1015.0	WNW	06	36	34	30	10
30	015	15		1019.1	NW	05	37	34	31	10
AVG				1015.0		09	33	31	28	08

EUREKA NWT
JUNE 1963 1300 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1012.6	N	06	24	22	16	0
02	UNL	15		1015.7	C	00	26	25	21	2
03	050	15		1017.2	W	08	29	28	25	10
04	014	15		1020.0	W	07	28	24	20	10
05	UNL	15		1019.7	W	10	27	26	23	9
06	140	15		1023.1	ESE	06	29	27	24	9
07	120	15		1026.2	S	08	34	32	29	10
08	100	15		1024.2	S	25	34	32	28	8
09	001	00	1/4S-F	1019.5	SE	19	33	32	31	10
10	070	10		1018.6	S	12	35	34	33	10
11	008	10		1020.1	C	00	35	34	33	9
12	UNL	15		1020.7	SSE	06	36	34	31	6
13	110	15		1019.2	C	00	42	38	34	9
14	080	15		1012.5	W	15	36	34	32	9
15	200	15		1014.7	N	15	37	33	27	9
16	005	00	1/4S F	1010.7	W	07	32	31	31	10
17	UNL	15		1011.3	W	10	33	31	29	8
18	UNL	15		1014.5	W	07	35	33	30	1
19	035	15		1011.3	W	08	34	31	27	8
20	090	15		1008.9	WNW	10	36	34	31	10
21	065	15		1011.0	WNW	08	34	32	29	9
22	UNL	15		1009.7	WNW	08	34	32	30	6
23	020	15		1011.9	WNW	05	36	34	30	9
24	UNL	15		1012.8	W	08	37	35	31	4
25	037	10	R-	1010.0	WNW	08	36	35	34	10
26	UNL	15		1003.4	W	10	34	32	29	9
27	120	15		1003.2	W	08	35	33	31	8
28	095	15		1009.6	W	08	38	36	33	10
29	200	15		1015.2	WNW	04	36	35	33	9
30	100	15		1019.7	W	04	36	35	32	7
AVG				1014.8		08	34	32	29	08

EUREKA NWT
JUNE 1963 1600 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1012.5	N	04	26	24	18	2
02	UNL	15		1015.6	C	00	28	26	22	0
03	UNL	15		1017.9	W	15	25	24	21	3
04	012	10		1020.0	W	10	26	25	23	10
05	UNL	15		1019.6	W	11	28	26	24	7
06	140	15		1023.5	ESE	06	30	29	27	10
07	120	15		1026.3	SE	08	33	31	29	9
08	006	01	S-F	1024.3	S	25	32	32	31	10
09	015	10	S-	1019.7	SSE	24	34	33	32	9
10	015	15		1019.0	ESE	08	34	33	31	10
11	008	15		1020.2	C	00	36	35	33	6
12	UNL	15		1020.2	S	08	37	35	32	3
13	200	15		1015.0	C	00	46	42	37	9
14	020	15		1013.1	W	14	35	34	32	10
15	120	15		1015.4	N	22	35	31	24	9
16	010	02	S-F	1009.9	W	08	32	31	30	10
17	UNL	15		1012.0	W	10	34	32	29	6
18	UNL	15		1014.5	WNW	07	36	35	29	3
19	120	15		1010.2	W	10	35	32	27	8
20	050	15		1009.3	W	07	36	34	30	10
21	UNL	15		1010.9	W	08	34	32	29	3
22	UNL	15		1009.8	W	05	34	32	29	3
23	UNL	15		1011.3	W	08	37	35	31	8
24	120	15		1012.8	W	08	38	36	32	7
25	035	15		1009.4	W	05	37	35	33	9
26	120	15		1002.6	W	12	35	33	31	9
27	120	15		1004.0	W	10	35	34	31	9
28	035	15		1010.5	W	08	38	35	32	10
29	UNL	15		1015.4	W	04	36	35	33	8
30	UNL	15		1020.3	WNW	06	38	36	33	5
AVG				1014.8		09	34	32	29	07

EUREKA NWT
JUNE 1963 1900 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1012.8	C	00	25	23	17	2
02	UNL	15		1015.8	C	00	28	26	21	0
03	UNL	15		1018.3	W	15	26	25	22	9
04	015	10		1019.5	NW	09	27	26	23	10
05	UNL	15		1019.6	W	18	27	25	23	7
06	008	01	S-F	1024.4	ESE	06	30	29	28	10
07	040	15		1026.0	SE	10	34	33	30	10
08	020	10		1023.5	S	20	34	32	29	10
09	015	10		1019.5	S	12	35	34	33	10
10	015	15		1019.0	SE	10	35	34	32	10
11	UNL	15		1020.4	ESE	05	35	34	31	5
12	UNL	15		1019.3	SE	08	35	33	30	1
13	110	15		1014.3	C	00	41	37	32	9
14	012	05	R-	1013.6	W	10	35	34	32	10
15	120	15		1018.9	N	25	35	31	26	7
16	010	05	S-	1009.4	N	08	35	32	27	10
17	UNL	15		1012.3	W	10	35	32	27	8
18	UNL	15		1014.3	W	08	35	33	29	3
19	UNL	15		1009.3	W	06	36	33	28	4
20	070	15		1009.7	W	07	36	34	29	9
21	UNL	15		1010.5	WNW	08	34	32	29	3
22	090	15		1010.3	W	07	32	31	29	9
23	090	15		1011.3	W	08	36	34	31	10
24	120	15		1013.0	NW	04	39	36	31	8
25	030	15		1008.2	W	04	35	34	32	10
26	200	15		1003.4	W	12	34	33	31	9
27	120	15		1004.4	W	08	35	33	31	8
28	095	15		1011.3	SE	10	36	35	34	10
29	030	10		1015.5	NW	06	37	35	33	10
30	UNL	15		1020.5	W	08	36	35	32	3
AVG				1014.9		09	34	32	29	08

EUREKA NWT
JUNE 1963 2200 EST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	200	15		1013.4	E	07	20	19	12	8
02	030	15		1015.8	ESE	05	23	22	18	9
03	UNL	15		1018.8	NW	12	25	24	21	7
04	015	10		1019.3	N	10	28	26	22	10
05	120	15		1019.8	W	16	26	25	22	9
06	120	08	S-	1024.8	ESE	06	29	28	26	9
07	040	15		1025.8	SE	10	34	32	29	10
08	020	10		1021.6	S	22	32	30	26	10
09	120	15		1018.9	S	15	35	34	32	9
10	018	15		1019.1	C	00	34	33	32	10
11	UNL	15		1020.6	ESE	08	34	32	30	1
12	UNL	15		1018.6	SE	07	34	32	29	1
13	UNL	15		1014.3	C	00	40	36	31	5
14	040	15		1013.7	W	04	35	33	30	8
15	UNL	15		1015.8	W	04	34	30	25	5
16	UNL	15		1009.4	N	07	34	31	27	6
17	120	15		1012.8	WNW	07	35	32	28	9
18	UNL	15		1014.5	N	06	40	35	28	2
19	UNL	15		1008.5	N	08	38	35	30	8
20	090	15		1010.4	W	08	36	34	30	9
21	UNL	15		1010.3	W	07	34	31	27	3
22	030	15		1010.7	W	06	34	32	29	3
23	120	15		1011.5	WNW	04	36	34	31	8
24	030	15		1013.0	NW	08	38	35	32	9
25	006	05	R-	1007.1	W	06	35	34	33	10
26	120	15		1003.1	W	12	33	32	30	9
27	120	15		1005.1	W	06	34	33	30	9
28	100	15		1012.0	C	00	39	37	35	8
29	120	10		1015.9	WNW	08	35	34	32	8
30	UNL	15		1020.5	NW	07	36	34	32	2
AVG				1014.8		07	35	31	28	07

SYNOPTIC OBSERVATIONS

ISACHSEN

ISACHSEN NWT JANUARY 1963 0200 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	014	10	S-	1024.9	NE	08	-24	-24	-30	10
02	UNL	15		1032.5	C	00	-31	-31	-35	0
03	008	10		1030.6	C	00	-22	-22	-27	10
04	003	00	1/2F	1016.6	N	12	-36			10
05	UNL	10	IC	1026.2	C	00	-35	-35	-41	0
06	UNL	15		1028.1	C	00	-36			0
07	UNL	15		1024.1	C	00	-42			0
08	UNL	15		1027.6	N	12	-36			0
09	120	00	1/2BS	1026.7	N	30	-33	-33	-39	10
10	UNL	02	IF	1023.7	N	24	-37			10
11	UNL	15		1029.7	C	00	-48			0
12	UNL	05	H	1028.1	C	00	-51			0
13	000	00	BS	1016.3	N	45	-36			10
14	000	00	BS	1006.5	N	45	-27	-27	-32	10
15	UNL	00	1/4BS	1000.0	N	50	-28	-28	-34	8
16	010	00	5/8IF	1002.5	N	18	-26	-26	-32	10
17	000	00	1/4BS	1016.3	NNW	35	-30	-30	-36	10
18	UNL	15		1025.4	C	00	-44			0
19	UNL	15		1031.9	C	00	-43			0
20	UNL	15		1037.6	C	00	-49			0
21	UNL	00	1/8BS	1044.2	N	30	-38			8
22	000	00	BS	1042.0	N	50	-32	-32	-38	10
23	015	01	BS	1022.7	W	22	-20	-20	-25	9
24	000	00	BS	1012.0	N	55	-37			10
25	UNL	08		1022.6	NW	08	-30	-30	-36	0
26	015	15		1005.3	NW	12	-31	-31	-37	9
27	015	00	1/4BS	1016.9	NNW	30	-32	-32	-38	8
28	010	02	S-	1006.1	SW	16	-13	-13	-19	10
29	UNL	05	IF	1009.1	N	22	-38			0
30	UNL	15		1011.9	E	05	-36			0
31	UNL	15		1010.0	C	00	-34	-34	-40	0
AVG				1021.1		16	-34			05

ISACHSEN NWT JANUARY 1963 0500 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	014	10	IC	1025.0	E	12	-27	-27	-36	10
02	UNL	15		1033.7	C	00	-31	-31	-37	0
03	008	15		1028.9	N	05	-21	-21	-26	10
04	UNL	00	1/2F	1015.6	NW	08	-36			6
05	UNL	10	S-	1027.2	C	00	-37			8
06	UNL	15		1027.2	C	00	-37			0
07	UNL	15		1024.1	C	00	-40			0
08	UNL	00	1/2IF	1027.9	N	15	-31	-31	-40	6
09	120	01	BS	1026.0	N	27	-32	-32	-38	10
10	UNL	08		1024.3	NW	13	-38			0
11	UNL	15		1025.7	C	00	-48			0
12	UNL	05	H	1028.1	C	00	-49			0
13	000	00	BS	1016.1	N	60	-32	-32	-38	10
14	000	00	1/8BS	1009.2	N	35	-28	-25	-31	10
15	UNL	00	1/2IF	1002.4	NW	05	-29	-29	-35	8
16	005	00	1/4BS	1004.6	N	35	-23	-23	-29	10
17	010	00	1/2BS	1019.1	NNW	30	-33	-33	-39	7
18	UNL	15		1025.1	C	00	-43			0
19	UNL	15		1032.2	C	00	-45			0
20	UNL	15		1038.7	C	00	-40			0
21	UNL	08		1044.9	NNE	15	-37			0
22	UNL	00	1/8BS	1040.2	NW	20	-26	-26	-30	9
23	UNL	10		1020.7	W	22	-20	-20	-25	3
24	000	00	BS	1011.6	N	55	-34	-34	-40	10
25	UNL	15		1022.6	N	10	-28	-28	-34	0
26	UNL	15		1003.5	W	05	-31	-31	-37	3
27	015	00	1/4BS	1018.4	NNW	38	-34	-34	-40	6
28	010	02	S-	1001.7	SW	18	-11	-11	-16	10
29	015	10		1010.4	WNW	12	-40			8
30	UNL	15		1010.4	SE	02	-34	-34	-40	0
31	UNL	15		1013.3	C	00	-34	-34	-40	0
AVG				1021.3		14	-33			05

ISACHSEN NWT JANUARY 1963 0800 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1026.1	C	00	-27	-27	-36	2
02	UNL	15		1034.6	C	00	-32	-32	-38	0
03	009	15		1027.2	N	03	-21	-21	-26	10
04	UNL	10		1015.4	N	12	-37			0
05	UNL	10	IC	1028.0	C	00	-38			8
06	UNL	15		1026.2	C	00	-37			0
07	UNL	15		1024.9	C	00	-40			0
08	UNL	05	IF	1027.7	N	18	-31	-31	-40	10
09	UNL	01	BS	1025.0	N	27	-32	-32	-38	5
10	UNL	08		1024.8	NW	17	-39			0
11	UNL	15		1025.7	C	00	-50			0
12	UNL	10		1027.0	N	08	-45			0
13	000	00	BS	1014.1	N	60	-32	-32	-38	10
14	015	00	1/4BS	1010.9	N	28	-23	-23	-29	10
15	UNL	00	1/4BS	1002.1	NNW	35	-31	-31	-37	8
16	005	00	1/4BS	1007.0	N	38	-25	-25	-31	10
17	010	00	1/2BS	1020.4	NNW	30	-35	-35	-41	9
18	UNL	15		1024.7	C	00	-42			0
19	UNL	15		1032.6	C	00	-44			0
20	UNL	15	IC	1040.0	C	00	-42			0
21	UNL	00	1/8BS	1044.1	N	35	-37			8
22	UNL	00	1/8BS	1038.2	NW	28	-25	-25	-31	9
23	UNL	10		1019.9	N	15	-20	-20	-25	3
24	000	00	BS	1012.8	N	45	-30	-30	-36	10
25	UNL	15		1020.6	N	12	-29	-29	-35	5
26	UNL	15		1002.1	C	00	-31	-31	-37	5
27	UNL	00	1/2BS	1020.2	NNW	30	-33	-33	-39	2
28	UNL	02	S-	999.6	SSW	12	-14	-14	-19	4
29	015	10	S-	1010.1	NNW	05	-43			6
30	UNL	15		1008.6	N	18	-24	-24	-30	0
31	UNL	15		1016.3	C	00	-35	-35	-41	0
AVG				1021.2		15	-33			04

ISACHSEN NWT JANUARY 1963 1100 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15	IC	1026.3	C	00	-31	-31	-40	2
02	UNL	15		1035.2	E	02	-29	-29	-33	0
03	UNL	15		1025.2	N	05	-25	-25	-31	4
04	002	00	1/4F	1015.4	N	20	-30	-30	-36	10
05	UNL	10		1028.6	S	06	-34	-34	-40	7
06	UNL	15		1025.5	C	00	-36			0
07	UNL	15		1025.2	C	00	-41			0
08	UNL	00	1/2IF	1027.8	N	22	-33	-33	-42	7
09	UNL	02	BS	1023.8	NNW	22	-34	-34	-40	4
10	UNL	10		1025.3	NE	06	-41			3
11	UNL	15		1026.0	C	00	-48			0
12	UNL	05	H	1025.3	NNW	18	-39			0
13	000	00	BS	1014.5	N	45	-32	-32	-38	10
14	015	00	1/4BS	1011.1	N	18	-24	-24	-30	10
15	UNL	00	1/4BS	1001.1	NNW	30	-32	-32	-38	8
16	002	00	1/8BS	1008.3	N	40	-25	-25	-31	10
17	UNL	00	1/2BS	1021.3	NNW	30	-36			5
18	UNL	15		1025.7	C	00	-47			1
19	UNL	15		1032.9	C	00	-48			3
20	UNL	15		1040.2	C	00	-41			0
21	UNL	00	1/8BS	1043.2	N	35	-35	-35	-41	8
22	UNL	15		1036.2	W	13	-27	-27	-33	4
23	020	10		1017.3	NNW	25	-27	-27	-31	6
24	UNL	00	BS	1012.6	N	65	-30	-30	-36	9
25	UNL	15		1017.8	N	08	-28	-28	-34	5
26	UNL	15	IC	1002.5	NW	12	-27	-27	-33	3
27	UNL	15		1020.2	NW	05	-36			2
28	010	02	S-	998.9	S	07	-12	-12	-17	9
29	UNL	15		1009.8	C	00	-44			5
30	UNL	00	1/4BS	1005.4	N	25	-24	-24	-30	5
31	UNL	15		1019.1	C	00	-37			1
AVG				1020.9		15	-33			05

ISACHSEN NWT JANUARY 1963 1400 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1027.8	C	00	-30	-30	-39	0
02	UNL	00	1/2ICIF	1034.9	E	02	-29	-29	-31	8
03	010	15		1028.8	N	15	-33	-33	-37	8
04	008	05	S-	1018.0	SE	02	-31	-31	-35	10
05	010	10	IC	1029.3	E	05	-34	-34	-44	10
06	UNL	15		1025.6	C	00	-40			0
07	UNL	00	1/2H	1026.1	C	00	-42			5
08	UNL	00	1/2IF	1027.5	N	25	-34	-34	-40	8
09	UNL	02	IF	1022.9	N	17	-37			4
10	UNL	15		1026.1	ESE	05	-43			5
11	UNL	15		1026.6	C	00	-48			0
12	UNL	00	1/4BS	1022.8	NNW	35	-41			9
13	000	00	BS	1011.2	N	55	-32	-32	-38	10
14	015	08		1009.9	N	17	-24	-24	-30	10
15	000	00	BS	1000.7	NNW	35	-32	-32	-38	10
16	002	00	1/8BS	1011.2	N	30	-25	-25	-31	10
17	UNL	00	1/2BS	1023.3	NNW	25	-37			5
18	UNL	15		1026.7	E	06	-50			0
19	UNL	15		1033.8	C	00	-48			3
20	UNL	15		1040.6	SSE	17	-36			0
21	002	00	1/8BS	1042.3	N	50	-32	-32	-38	10
22	UNL	15		1033.3	WNW	18	-27	-27	-33	3
23	UNL	05	BS	1017.3	NNW	25	-33	-33	-39	4
24	UNL	00	BS	1016.6	N	40	-31	-31	-37	9
25	UNL	15		1015.3	N	04	-28	-28	-34	3
26	UNL	15	IC	1005.3	C	00	-30	-30	-36	3
27	UNL	15		1020.6	C	00	-35	-35	-41	0
28	UNL	02	S-	999.9	C	00	-12	-12	-17	5
29	UNL	15		1011.0	C	00	-45			5
30	UNL	00	1/8BS	1003.4	N	33	-25	-25	-31	5
31	UNL	15		1021.7	C	00	-37			1
AVG				1021.1		15	-34			05

ISACHSEN NWT JANUARY 1963 1700 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.1	C	00	-33	-33	-42	1
02	UNL	15		1034.5	NE	02	-29	-29	-33	2
03	010	15	IC	1021.8	NNE	02	-35	-35	-41	9
04	UNL	15		1020.1	C	00	-32	-32	-38	8
05	010	05	IC	1029.3	S	05	-33	-33	-39	10
06	UNL	15		1024.7	C	00	-42			0
07	UNL	15		1026.6	NNW	08	-35	-35	-41	0
08	120	00	1/2IF	1027.7	N	20	-32	-32	-38	10
09	UNL	02	IF	1022.0	N	17	-36			4
10	UNL	15		1026.1	N	12	-44			3
11	UNL	10		1027.5	C	00	-46			3
12	002	00	1/8BS	1020.5	NNW	30	-39			10
13	000	00	BS	1007.8	N	65	-28	-28	-34	10
14	015	00	1/4BS	1008.0	N	20	-24	-24	-30	10
15	000	00	BS	1001.3	NNW	35	-33	-33	-39	10
16	000	00	BS	1012.0	NNW	40	-30	-30	-36	10
17	UNL	08		1025.3	NW	08	-37			0
18	UNL	15		1028.4	N	08	-41			0
19	UNL	15		1034.5	C	00	-49			0
20	UNL	00	1/4BS	1041.8	NNE	25	-36			5
21	000	00	BS	1042.6	NNW	45	-30	-30	-36	10
22	UNL	15		1030.5	WNW	19	-26	-26	-32	1
23	UNL	00	1/4BS	1016.5	NNW	30	-36			8
24	000	00	BS	1018.0	N	55	-26	-26	-32	10
25	UNL	15		1012.1	N	22	-29	-29	-35	2
26	012	00	1/2IF	1008.2	N	18	-28	-28	-34	7
27	UNL	15		1018.1	C	00	-35	-35	-41	0
28	UNL	00	1/4BS	1001.5	N	25	-25	-25	-31	6
29	UNL	15		1011.3	C	00	-51			0
30	UNL	00	1/8BS	1001.9	N	30	-31	-31	-37	5
31	UNL	15		1023.7	C	00	-39			1
AVG				1021.1		17	-35			05

ISACHSEN NWT JANUARY 1963 2000 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1029.6	C	00	-31	-31	-37	4
02	010	10		1033.5	E	02	-29	-29	-33	9
03	UNL	15		1019.6	N	10	-35	-35	-45	2
04	UNL	10	S-	1022.2	NW	05	-32	-32	-38	8
05	010	05	IC	1029.1	S	08	-34	-34	-40	10
06	UNL	15		1024.1	C	00	-40			0
07	UNL	01	IC H	1027.3	N	02	-35	-35	-41	2
08	120	00	1/2BS	1027.1	N	30	-33	-33	-39	10
09	UNL	02	IF	1022.0	N	20	-35	-35	-41	10
10	UNL	03	IF	1025.7	NW	07	-44			4
11	UNL	02	H	1028.1	C	00	-45			0
12	002	00	1/4BS	1020.4	NNW	20	-37			10
13	000	00	BS	1005.8	NNW	55	-28	-28	-34	10
14	010	00	1/4BS	1005.8	N	20	-25	-25	-32	10
15	UNL	00	1/4BS	1001.2	NNW	30	-33	-33	-39	8
16	000	00	BS	1013.6	NNW	40	-31	-31	-37	10
17	UNL	08		1025.3	N	25	-37			0
18	UNL	15		1029.5	C	00	-45			0
19	UNL	15		1035.4	C	00	-47			0
20	UNL	00	1/4BS	1042.5	N	25	-40			5
21	UNL	00	1/8BS	1042.7	N	45	-27	-27	-33	8
22	015	15		1027.2	WNW	18	-21	-21	-26	10
23	UNL	00	1/4BS	1015.4	NNW	35	-35	-35	-41	8
24	010	00	1/4IF	1021.8	WSW	05	-28	-28	-34	10
25	UNL	15		1009.1	NNW	25	-30	-30	-36	2
26	012	00	1/8BS	1010.1	N	40	-27	-27	-33	10
27	UNL	15		1014.8	C	00	-35	-35	-41	0
28	UNL	00	1/4BS	1009.5	N	15	-25	-25	-31	6
29	UNL	15		1011.7	C	00	-50			0
30	UNL	10		1003.5	NNW	18	-35	-35	-41	0
31	UNL	15		1024.9	C	00	-40			0
AVG				1021.1		16	-35			05

ISACHSEN NWT JANUARY 1963 2300 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1031.1	C	00	-31	-31	-35	0
02	008	10		1032.1	C	00	-22	-22	-27	10
03	UNL	15		1017.5	N	10	-38			9
04	006	00	1/2F	1024.7	SW	10	-32	-32	-38	10
05	010	05	S-	1028.5	SE	03	-36			10
06	UNL	15		1024.1	C	00	-41			0
07	UNL	15		1027.4	N	12	-34	-34	-40	0
08	120	00	1/2BS	1026.7	N	30	-33	-33	-39	10
09	UNL	02	IF	1022.4	N	24	-37			10
10	UNL	03	IF	1025.4	C	00	-45			5
11	UNL	10		1028.1	C	00	-49			0
12	002	00	1/8BS	1017.2	N	40	-36			10
13	000	00	BS	1002.1	N	75	-28	-28	-34	10
14	UNL	00	1/4BS	1001.5	N	45	-26	-26	-32	2
15	UNL	00	1/4BS	1001.0	N	30	-26	-26	-32	8
16	000	00	BS	1014.6	NNW	40	-31	-31	-37	10
17	UNL	15		1025.5	N	10	-40			0
18	UNL	15		1030.4	C	00	-46			0
19	UNL	15		1035.9	C	00	-44			0
20	UNL	00	1/8BS	1042.5	N	35	-41			8
21	000	00	BS	1041.8	N	30	-30	-30	-36	10
22	015	15		1024.8	NW	13	-19	-19	-24	9
23	UNL	00	1/4BS	1014.4	NNW	35	-35	-35	-41	8
24	UNL	00	1/4BS	1021.1	N	35	-28	-28	-34	5
25	UNL	15		1006.7	NNW	25	-30	-30	-36	2
26	005	00	1/8BS	1013.1	N	45	-30	-30	-36	10
27	010	01	S-	1009.6	SW	12	-17	-17	-22	10
28	UNL	05	IF	1007.1	N	15	-36			0
29	UNL	19		1012.3	C	00	-44			0
30	UNL	15		1006.5	N	03	-31	-31	-37	5
31	UNL	19		1026.4	C	00	-38			0
AVG				1020.7		19	-34			05

SYNOPTIC OBSERVATIONS

ISACHSEN

ISACHSEN NWT FEBRUARY 1963 0200 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1027.5	C	00	-36			0
02	UNL	15		1029.6	C	00	-41			0
03	UNL	15		1035.7	C	00	-30	-30	-36	0
04	008	01	BS	1011.7	NE	30	-08	-08	-15	10
05	000	00	BS	995.3	SE	65	08	08	05	10
06	UNL	10		1028.2	S	18	-27	-27	-33	0
07	UNL	15		1037.1	C	00	-30	-30	-36	10
08	080	15		1028.9	E	13	-21	-21	-26	10
09	UNL	15		1022.0	W	10	-22	-22	-27	0
10	020	15		1024.6	C	00	-23	-23	-29	8
11	UNL	00	1/4BS	1022.9	N	33	-28	-28	-34	8
12	020	10	S-	1028.1	SW	08	-30	-30	-36	10
13	UNL	05	IF	1027.4	N	17	-40			4
14	005	00	1/8IF	1026.9	SE	08	-31	-31	-37	10
15	UNL	15		1018.3	N	15	-31	-31	-37	0
16	UNL	00	1/4IF	1016.8	NW	05	-34	-34	-40	8
17	007	04	IF	1016.8	N	22	-36			8
18	UNL	08		1024.4	N	12	-40			0
19	UNL	15		1027.9	N	12	-32	-32	-38	0
20	UNL	15		1039.1	NW	08	-37			0
21	UNL	15		1048.8	C	00	-39			0
22	020	00	1/4BS	1034.5	N	32	-17	-17	-23	10
23	UNL	15		1026.6	C	00	-23	-23	-30	0
24	UNL	15		1009.8	C	00	-22	-22	-27	0
25	UNL	00	1/8BS	1007.6	N	35	-25	-25	-31	8
26	UNL	00	1/4BS	1012.2	WNW	22	-28	-28	-34	5
27	UNL	00	1/2IF	1013.8	NW	18	-30	-30	-36	4
28	UNL	00	1/2IF	1016.1	N	20	-29	-29	-35	4
AVG				1023.3		14	-28			05

ISACHSEN NWT FEBRUARY 1963 0500 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1028.5	C	00	-39			0
02	UNL	10		1030.6	C	00	-41			1
03	UNL	15		1039.2	C	00	-29	-29	-35	6
04	000	00	BS	1008.4	NE	38	07	07	03	10
05	000	00	BS	1002.4	SE	50	-10	-10	-15	10
06	UNL	15		1031.0	S	14	-33	-33	-39	0
07	UNL	15		1036.9	C	00	-24	-24	-30	6
08	020	08	S-	1025.0	SE	17	-11	-11	-16	10
09	UNL	15		1024.6	WSW	12	-30	-30	-36	0
10	015	10	S-	1021.3	E	17	-14	-14	-19	10
11	180	00	1/4BS	1025.8	N	34	-32	-32	-38	10
12	020	10	S-	1026.6	NW	17	-25	-25	-31	10
13	UNL	02	BS	1027.0	N	30	-39			4
14	UNL	00	1/4IF	1026.6	N	20	-32	-32	-38	4
15	010	15	IC	1018.0	W	06	-30	-30	-36	10
16	UNL	00	1/4IF	1016.7	NNW	25	-35	-35	-41	8
17	007	04	IF	1019.2	N	22	-36			8
18	UNL	10		1024.4	N	10	-39			0
19	UNL	15		1029.9	N	05	-36			0
20	UNL	15		1040.5	NW	14	-36			0
21	UNL	00	1/4BS	1042.7	N	28	-18	-18	-25	6
22	UNL	00	BS	1039.6	N	40	-15	-15	-21	8
23	UNL	15		1024.6	C	00	-24	-24	-32	2
24	UNL	15		1007.8	C	00	-22	-22	-27	0
25	UNL	00	1/4BS	1009.5	N	30	-25	-25	-31	7
26	020	00	1/8BS	1011.5	NNW	25	-26	-26	-32	8
27	005	00	1/8IF	1014.5	NNW	12	-31	-31	-37	10
28	UNL	00	1/4BS	1019.4	NNW	30	-30	-30	-36	4
AVG				1023.4		18	-27			05

ISACHSEN NWT FEBRUARY 1963 0800 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.2	C	00	-37			0
02	UNL	15		1031.2	C	00	-38			0
03	UNL	15		1030.6	NE	06	-21	-21	-26	5
04	000	00	BS	1009.9	NE	40	07	06	03	10
05	000	00	BS	1007.4	SE	40	-12	-12	-17	10
06	UNL	15		1033.6	S	14	-33	-33	-39	0
07	UNL	15		1035.9	C	00	-24	-24	-30	0
08	020	05	S-BS	1020.2	SE	20	-10	-10	-15	10
09	UNL	15		1027.3	C	00	-30	-30	-36	0
10	015	05	S-IF	1018.1	E	15	-14	-14	-19	10
11	180	00	1/4BS	1028.0	N	35	-32	-32	-38	10
12	020	05	BS	1025.4	NW	22	-27	-27	-31	10
13	UNL	00	1/4BS	1026.0	N	40	-36			8
14	UNL	00	1/4IF	1025.9	N	20	-33	-33	-39	4
15	UNL	01	BS	1016.2	N	35	-27	-27	-33	4
16	080	00	1/4IF	1018.1	N	15	-36			8
17	UNL	08		1018.4	N	14	-35	-35	-41	5
18	000	00	IF BS	1024.4	N	35	-39			10
19	UNL	15		1030.5	NW	05	-36			0
20	UNL	15		1042.2	W	03	-38			0
21	UNL	00	1/4BS	1042.1	N	28	-20	-20	-25	6
22	UNL	00	BS	1032.6	N	35	-15	-16	-21	7
23	UNL	15		1022.2	C	00	-25	-26	-33	5
24	UNL	15		1006.5	C	00	-22	-22	-27	5
25	080	15		1010.8	N	15	-20	-20	-27	10
26	020	05	IF	1012.2	NNW	20	-24	-24	-30	6
27	005	00	1/8IF	1014.7	NNW	12	-31	-31	-37	10
28	UNL	04	IF	1015.4	NW	20	-30	-30	-36	2
AVG				1023.2		17	-26			06

ISACHSEN NWT FEBRUARY 1963 1100 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.2	C	00	-36			1
02	UNL	15		1032.2	C	00	-40			0
03	010	05	S-	1027.1	E	04	-21	-21	-25	10
04	005	00	1/8BS	1000.1	ENE	30	14	13	10	10
05	000	00	BS	1010.7	S	35	-17	-17	-22	10
06	UNL	15		1034.3	S	07	-30	-30	-36	8
07	UNL	15		1035.9	C	00	-24	-24	-30	0
08	005	01	S-BS	1015.7	S	29	-08	-08	-12	10
09	UNL	15		1029.8	NE	03	-32	-32	-38	1
10	015	05	S-IF	1015.6	E	12	-10	-10	-15	10
11	UNL	00	1/4BS	1029.8	N	25	-33	-33	-39	5
12	160	05	BS	1025.7	NW	25	-30	-30	-36	7
13	UNL	00	BS	1026.8	N	40	-37			9
14	UNL	00	1/4BS	1025.9	N	28	-33	-33	-39	5
15	UNL	00	BS	1016.3	N	45	-31	-31	-37	8
16	010	00	1/4IF	1016.8	N	20	-36			8
17	005	00	1/4IF	1018.6	N	10	-28	-28	-34	10
18	005	00	1/8IF BS	1024.5	N	25	-32	-32	-38	10
19	UNL	15		1031.5	W	06	-33	-33	-39	0
20	UNL	15		1043.2	N	07	-26	-26	-32	0
21	UNL	01	BS	1040.8	N	30	-20	-20	-25	4
22	UNL	03	BS	1031.9	NW	28	-12	-13	-18	5
23	UNL	15		1020.1	C	00	-24	-24	-32	8
24	160	15		1005.8	C	00	-25	-25	-31	7
25	100	00	1/4BS	1010.0	N	25	-20	-20	-27	9
26	100	10		1012.1	NNW	15	-24	-24	-30	8
27	005	00	1/8IF	1016.0	NW	10	-33	-33	-39	10
28	UNL	00	1/4IF	1014.8	N	18	-30	-30	-36	6
AVG				1022.8		17	-25	-26	-31	06

ISACHSEN NWT FEBRUARY 1963 1400 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.1	C	00	-37			0
02	UNL	15		1033.9	C	00	-42			0
03	008	02	BS	1022.4	NE	30	-10	-10	-15	10
04	005	01	BS	997.3	ENE	30	16	16	13	10
05	000	00	BS	1012.4	S	35	-18	-18	-23	10
06	UNL	15		1036.7	S	12	-30	-30	-36	9
07	UNL	15		1036.3	C	00	-26	-26	-32	0
08	005	01	S-BS	1014.0	SW	30	-08	-08	-12	10
09	UNL	15		1030.8	NW	04	-31	-31	-37	4
10	020	15		1014.9	C	00	-11	-11	-16	10
11	UNL	00	1/4BS	1031.8	NNW	30	-33	-33	-39	5
12	UNL	05	BS	1026.5	NW	25	-30	-30	-36	5
13	UNL	00	BS	1026.9	N	40	-37			8
14	UNL	00	1/4IF	1023.4	N	20	-33	-33	-39	5
15	UNL	00	1/4BS	1016.7	N	35	-31	-31	-37	5
16	010	00	1/4IF	1017.7	NNE	05	-36			8
17	015	00	1/8IF	1019.8	N	04	-29	-29	-35	8
18	UNL	00	1/2IF	1029.5	SE	02	-32	-32	-38	4
19	UNL	15		1032.6	NW	05	-37			0
20	UNL	15		1043.4	C	00	-22	-22	-27	0
21	UNL	00	1/2BS	1040.0	N	30	-21	-21	-26	6
22	UNL	15		1031.9	N	18	-12	-12	-18	6
23	UNL	15		1019.0	C	00	-26	-26	-34	7
24	UNL	15		1005.5	C	00	-28	-28	-34	7
25	100	00	1/4BS	1010.7	N	28	-25	-25	-31	9
26	160	08		1012.1	N	20	-25	-25	-31	7
27	UNL	00	BS	1016.0	N	35	-36			7
28	UNL	00	1/4IF	1014.0	N	22	-30	-30	-36	5
AVG				1022.9		16	-26			06

ISACHSEN NWT FEBRUARY 1963 1700 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.0	C	00	-39			0
02	UNL	15		1035.8	C	00	-37			0
03	008	01	BS	1019.8	NE	30	-08	-07	-13	10
04	010	01	S-BS	996.0	ESE	25	24	23	22	10
05	000	00	BS	1015.6	S	40	-24	-24	-30	10
06	UNL	15		1037.6	SE	03	-31	-31	-37	9
07	UNL	15		1035.1	C	00	-23	-23	-29	0
08	UNL	04	BS	1019.0	SW	25	-10	-10	-15	10
09	025	15		1030.5	C	00	-27	-27	-33	8
10	020	10	S-	1019.2	N	22	-10	-10	-15	10
11	UNL	15		1032.8	NW	10	-36			0
12	080	03	BS	1026.9	NW	26	-36			6
13	UNL	00	1/2BS	1027.2	N	30	-33	-33	-39	5
14	015	08		1022.1	NW	15	-36			7
15	UNL	00	1/4BS	1017.0	NW	20	-34	-34	-40	5
16	007	08		1017.5	N	12	-38			6
17	015	00	1/8IF	1021.2	NW	06	-40			8
18	UNL	05	IF	1025.7	N	12	-32	-32	-38	2
19	UNL	15		1034.4	C	00	-40			0
20	UNL	15		1044.3	W	03	-36			0
21	UNL	01	BS	1038.7	N	26	-26	-26	-32	4
22	UNL	15		1030.7	SW	05	-11	-11	-16	1
23	UNL	15		1016.9	C	00	-26	-26	-34	6
24	UNL	15		1005.4	C	00	-27	-27	-33	3
25	100	00	1/4BS	1011.3	NW	29	-26	-26	-32	7
26	UNL	08		1012.5	NW	18	-27	-27	-33	2
27	UNL	00	BS	1016.0	N	30	-32	-32	-38	6
28	UNL	00	1/4IF	1012.9	N	22	-32	-32	-38	6
AVG				1023.0		14	-27			05

ISACHSEN NWT FEBRUARY 1963 2000 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.0	C	00	-40			0
02	UNL	15		1036.5	C	00	-39			0
03	008	01	BS	1017.6	NE	30	-07	-07	-14	10
04	005	00	1/2S BS	994.0	SSE	30	19	18	15	10
05	UNL	00	1/4BS	1020.2	S	25	-23	-23	-29	8
06	UNL	15		1037.4	E	03	-30	-30	-36	9
07	UNL	15		1035.6	C	00	-25	-25	-31	0
08	UNL	15		1016.8	SW	18	-20	-20	-25	0
09	025	15		1030.1	C	00	-22	-22	-27	9
10	020	10	S-	1017.6	N	30	-15	-15	-20	8
11	UNL	10		1032.4	WNW	18	-36			0
12	UNL	01	BS	1026.5	NW	32	-36			6
13	UNL	00	BS	1025.5	N	40	-36			8
14	UNL	15		1020.5	N	12	-30	-30	-36	5
15	UNL	00	BS	1015.2	NW	40	-36			9
16	007	08		1016.9	NNW	10	-36			10
17	UNL	00	1/8IF	1022.2	N	17	-41			4
18	UNL	15		1026.4	N	10	-31	-31	-37	0
19	UNL	15		1035.7	N	10	-35	-35	-41	0
20	UNL	15		1044.5	C	00	-38			0
21	UNL	00	1/2BS	1037.2	N	30	-25	-25	-29	6
22	UNL	15		1029.2	S	06	-22	-22	-27	0
23	UNL	15		1013.7	C	00	-25	-25	-35	5
24	UNL	15		1005.4	NNE	28	-25	-25	-35	0
25	UNL	00	1/8BS	1010.9	NW	38	-27	-27	-33	9
26	UNL	08		1012.5	NW	20	-29	-29	-35	1
27	UNL	00	BS	1016.5	N	25	-32	-32	-38	6
28	UNL	00	BS	1010.7	N	30	-32	-32	-38	7
AVG				1022.7		18	-28			05

ISACHSEN NWT FEBRUARY 1963 2300 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.0	C	00	-42			0
02	UNL	15		1036.0	C	00	-40			0
03	008	02	BS	1014.9	NE	27	-07	-08	-14	10
04	000	00	BS	999.3	SE	45	10	10	07	10
05	UNL	00	1/4BS	1023.8	S	25	-24	-24	-30	8
06	UNL	15		1036.9	C	00	-26	-26	-32	10
07	UNL	15		1032.0	C	00	-28	-28	-29	10
08	UNL	15		1018.8	W	28	-23	-25	-29	0
09	020	15		1028.1	C	00	-25	-25	-29	8
10	UNL	00	1/4BS	1019.6	N	38	-21	-21	-26	8
11	UNL	15	IC	1030.6	W	08	-34	-34	-40	10
12	UNL	01	BS	1026.7	NNW	30	-39			6
13	000	00	IF	1026.4	N	15	-30	-30	-36	10
14	UNL	15		1018.7	NNW	20	-30	-30	-36	3
15	UNL	00	1/4IF	1015.7	NNW	20	-34	-34	-40	8
16	007	10		1016.7	N	12	-35	-35	-41	10
17	UNL	00	1/4IF	1022.9	N	12	-41			6
18	UNL	15		1026.9	NE	12	-32	-32	-38	0
19	UNL	15		1037.0	N	20	-36			0
20	UNL	15		1044.3	C	00	-38			0
21	UNL	00	BS	1039.3	N	38	-25	-25	-31	8
22	UNL	15		1027.7	C	00	-25	-22	-29	0
23	UNL	15		1011.5	C	00	-23	-23	-30	3
24	UNL	00	1/4BS	1009.3	N	40	-25	-25	-31	8
25	UNL	05	IF	1011.2	WNW	20	-28	-28	-34	3
26	UNL	00	1/4IF	1012.5	N	20	-29	-29	-35	6
27	UNL	00	1/4BS	1016.1	N	25	-31	-31	-37	4
28	UNL	00	1/8BS	1008.5	N	28	-28	-28	-34	5
AVG				1022.4		17	-28			06

SYNOPTIC OBSERVATIONS

ISACHSEN

ISACHSEN NWT
MARCH 1963 0200 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	00	3/4IF	1006.6	N	22	-29	-29	-35	4
02	UNL	15		1010.4	C	00	-42			0
03	UNL	04	IF	1007.5	E	08	-45			4
04	UNL	15		1009.6	C	00	-40			0
05	UNL	15		1009.0	C	00	-43			0
06	UNL	15		1012.0	N	08	-41			3
07	UNL	00	1/4IF	1015.1	N	12	-40			6
08	UNL	15		1012.7	C	00	-36			7
09	UNL	15		1012.0	S	04	-48			0
10	120	10	S-	1003.0	C	00	-30	-30	-36	10
11	UNL	15		1023.0	SW	15	-51			0
12	UNL	05	ICIF	1029.5	C	00	-48			10
13	UNL	10	IC	1024.8	C	00	-46			8
14	UNL	04	ICIF	1020.1	NW	06	-33	-33	-39	9
15	UNL	15		1014.7	C	00	-49			0
16	015	01	IF	1016.6	SE	18	-31	-31	-37	10
17	UNL	00	1/4BS	1010.8	SE	20	-33	-33	-36	6
18	000	00	IF	1012.0	SE	20	-30	-30	-36	10
19	UNL	15		1023.9	ENE	12	-34	-34	-40	4
20	UNL	15		1033.3	ENE	07	-29	-29	-35	0
21	UNL	15		1030.2	N	12	-31	-31	-40	5
22	UNL	15		1023.5	N	12	-40			0
23	000	00	BS	1008.5	NNW	50	-27	-27	-33	10
24	000	00	BS	998.0	N	50	-24	-24	-30	10
25	080	01	IF	1010.4	NNE	22	-29	-29	-35	8
26	150	01	IF	1004.6	NNE	21	-28	-28	-34	9
27	UNL	15		1010.6	E	02	-34	-34	-44	1
28	UNL	15		1021.7	NNW	06	-34	-34	-44	0
29	UNL	15		1014.9	C	00	-39			4
30	120	15		1008.8	NNW	08	-36			8
31	015	02	1/2IF	1005.6	NNW	06	-28	-28	-34	10
AVG				1014.3		11	-36			05

ISACHSEN NWT
MARCH 1963 0500 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	00	1/4BS	1004.3	N	40	-29	-29	-35	6
02	UNL	15		1011.1	C	00	-43			0
03	UNL	15		1007.6	E	04	-40			0
04	UNL	15		1009.6	C	00	-42			0
05	010	10	S-	1009.6	C	00	-40			10
06	UNL	15		1012.6	N	18	-40			2
07	005	08		1014.7	NW	08	-35	-31	-37	10
08	UNL	15		1012.7	C	00	-36			7
09	UNL	15		1011.2	E	05	-42			10
10	UNL	15		1005.5	SW	12	-49			2
11	UNL	15		1025.2	W	06	-52			0
12	150	10	IC	1029.5	WSW	05	-47			10
13	150	00	1/4IF	1024.9	N	08	-35	-35	-41	10
14	UNL	05	ICIF	1018.4	NW	02	-34	-34	-40	9
15	UNL	15		1014.8	C	00	-41			8
16	015	01	IF	1015.4	SE	22	-32	-32	-38	10
17	UNL	00	1/4BS	1009.4	SE	22	-33	-33	-39	6
18	UNL	01	IF	1013.2	SE	15	-30	-30	-36	9
19	UNL	15		1025.3	E	15	-32	-32	-41	4
20	080	15		1033.6	C	00	-22	-22	-29	10
21	UNL	15		1030.2	C	00	-37			3
22	UNL	15		1021.7	N	12	-38			2
23	000	00	BS	1005.5	NNW	50	-25	-25	-31	10
24	000	00	BS	999.5	N	45	-26	-26	-32	10
25	UNL	05	IF	1011.2	NNE	18	-29	-29	-35	4
26	030	01	IF	1003.7	NNE	15	-26	-26	-32	10
27	UNL	15		1012.9	E	06	-35	-35	-46	1
28	UNL	15		1022.0	N	03	-31	-31	-40	0
29	UNL	10		1013.5	W	10	-42			7
30	030	00	3/4IF	1007.7	NW	15	-32	-32	-38	9
31	020	08		1009.2	W	02	-30	-30	-36	9
AVG				1014.2		12	-36			06

ISACHSEN NWT
MARCH 1963 0800 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	00	1/4BS	1004.3	N	35	-31	-31	-37	6
02	UNL	15		1010.9	E	05	-43			0
03	UNL	15		1007.7	E	11	-42			0
04	UNL	15		1008.9	ENE	03	-39			2
05	010	15		1009.9	C	00	-40			9
06	010	00	1/4IF	1013.4	N	06	-40			7
07	120	00	1/4IF	1014.1	N	10	-32	-32	-38	10
08	UNL	15		1012.6	C	00	-38			7
09	120	15		1009.8	E	08	-40			10
10	UNL	15		1008.4	W	10	-50			0
11	UNL	15		1026.9	C	00	-59			0
12	UNL	15		1029.5	C	00	-47			10
13	UNL	01	IF	1023.8	N	25	-29	-29	-34	9
14	UNL	00	3/4IF	1017.4	W	02	-41			3
15	UNL	05	IF	1014.9	C	00	-39			8
16	015	01	IF	1015.7	SE	20	-32	-32	-38	10
17	015	00	1/2IF	1008.7	SSE	18	-34	-34	-40	7
18	010	01	BS	1013.6	SE	25	-30	-30	-36	8
19	UNL	15		1027.0	C	00	-32	-32	-41	4
20	UNL	15		1033.6	C	00	-22	-22	-29	3
21	UNL	15		1029.7	C	00	-36			3
22	002	00	1/8IF	1018.7	N	25	-36			10
23	000	00	BS	1005.5	NNW	49	-26	-26	-32	10
24	001	00	BS	1001.2	N	35	-26	-26	-32	10
25	025	05	IF	1011.3	N	24	-28	-28	-34	9
26	120	15		1005.3	NNE	10	-27	-27	-33	8
27	UNL	15		1015.0	E	02	-28	-28	-40	0
28	UNL	15		1021.6	NW	05	-31	-31	-40	0
29	UNL	15		1012.3	C	00	-41			0
30	120	00	3/4IF	1007.4	N	12	-28	-28	-34	7
31	120	15		1004.4	NNE	08	-30	-30	-39	7
AVG				1014.2		11	-35			06

ISACHSEN NWT
MARCH 1963 1100 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	00	1/4IF	1005.3	C	00	-33	-33	-39	6
02	UNL	15		1010.6	E	05	-42			0
03	UNL	15		1008.0	E	06	-42			3
04	UNL	15		1009.0	E	08	-38			2
05	UNL	15		1009.9	C	00	-39			2
06	UNL	15		1013.3	N	15	-40			4
07	005	02	S-IF	1013.7	N	06	-30	-30	-36	10
08	UNL	15		1012.6	SE	03	-36			8
09	005	01	S-IF	1007.8	ESE	10	-32	-32	-38	10
10	UNL	01	IF	1011.4	SW	08	-51			5
11	UNL	15		1027.8	C	00	-50			0
12	UNL	05	IF	1028.8	C	00	-46			1
13	UNL	01	IF	1023.0	N	22	-29	-29	-34	6
14	UNL	15		1016.0	WSW	04	-44			0
15	UNL	15		1015.4	C	00	-41			0
16	150	00	1/2IF	1015.4	S	20	-34	-34	-40	9
17	120	00	1/2BS	1008.4	SSE	25	-31	-31	-37	9
18	010	05	IF	1015.2	SE	15	-26	-26	-32	9
19	UNL	15		1027.7	E	10	-28	-28	-36	5
20	UNL	15		1033.2	S	15	-19	-19	-26	3
21	UNL	15		1029.6	C	00	-31	-31	-37	1
22	UNL	00	1/8BS	1015.5	N	35	-29	-29	-35	8
23	005	00	1/8IF	1005.4	NW	06	-22	-22	-27	10
24	UNL	00	1/8BS	1002.5	NNE	35	-26	-26	-32	8
25	UNL	10		1011.3	N	16	-28		-34	6
26	UNL	15		1002.7	NE	10	-24	-24	-30	3
27	UNL	15		1016.8	C	00	-24	-24	-34	0
28	UNL	15		1020.7	N	10	-35	-35	-46	0
29	UNL	15		1010.8	C	00	-41			0
30	UNL	00	IF	1006.9	N	20	-28	-28	-34	9
31	015	06	S-	1003.9	N	04	-28	-28	-31	10
AVG				1014.1		10	-34			05

ISACHSEN NWT
MARCH 1963 1400 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1006.3	N	07	-36			0
02	UNL	15		1009.9	E	07	-44			0
03	UNL	15		1008.4	E	02	-41			2
04	UNL	15		1008.8	E	03	-39			1
05	UNL	15		1010.6	NNE	12	-36			8
06	UNL	15		1014.1	N	08	-40			1
07	015	15		1013.3	N	07	-31	-31	-37	10
08	UNL	15		1012.6	C	00	-37			9
09	005	01	S-IF	1006.5	E	13	-30	-30	-36	10
10	UNL	00	1/2IF	1014.0	S	05	-55			7
11	UNL	15		1028.8	C	00	-59			0
12	UNL	05	IF	1028.2	C	00	-45			1
13	UNL	00	1/2IF	1023.1	N	20	-29	-29	-34	9
14	UNL	15		1015.2	C	00	-44			0
15	UNL	05	IF	1016.4	S	10	-37			0
16	UNL	00	BS	1014.6	S	35	-32	-32	-38	8
17	120	00	1/2IF	1009.2	SE	18	-30	-30	-36	10
18	UNL	15		1017.1	ESE	20	-26	-26	-32	3
19	UNL	15		1029.3	E	12	-28	-28	-36	7
20	UNL	15		1032.8	S	06	-19	-19	-26	2
21	UNL	15		1029.0	C	00	-30	-30	-36	1
22	UNL	00	1/8BS	1014.0	NNW	35	-28	-28	-34	8
23	005	00	1/8BS	1002.5	N	40	-20	-20	-25	10
24	008	00	3/4IF	1004.2	NNE	25	-22	-22	-27	10
25	UNL	05	IF	1010.8	N	15	-28	-28	-34	8
26	UNL	15		1003.5	C	00	-25	-25	-31	0
27	UNL	15		1018.6	C	00	-24	-24	-34	0
28	UNL	15		1020.2	N	06	-30	-30	-48	0
29	UNL	15		1010.6	C	00	-42			0
30	UNL	00	IF	1007.2	N	20	-28	-28	-34	8
31	UNL	15		1004.1	C	00	-27	-27	-36	0
AVG				1014.3		11	-34			04

ISACHSEN NWT
MARCH 1963 1700 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1007.3	N	07	-38			0
02	UNL	15		1009.6	E	07	-46			1
03	UNL	15		1008.7	ME	18	-40			1
04	UNL	15		1009.3	C	00	-49			3
05	UNL	15		1011.5	W	05	-37			5
06	UNL	15		1015.4	N	08	-40			4
07	080	15	S-	1013.4	C	00	-34	-34	-40	10
08	120	15		1012.5	S	08	-38			10
09	005	01	S-IF	1004.5	SE	10	-28	-28	-34	10
10	005	00	1/2IF	1016.3	S	18	-49			10
11	UNL	15		1029.3	C	00	-50			4
12	UNL	10		1027.7	C	00	-46			7
13	UNL	01	IF	1023.2	N	15	-31	-31	-37	9
14	UNL	15		1014.8	C	00	-44			0
15	UNL	05	IF	1016.7	S	08	-36			5
16	UNL	00	BS	1014.2	S	33	-35	-35	-41	8
17	000	00	IF	1009.6	SE	15	-30	-30	-36	10
18	UNL	15		1018.7	E	16	-30	-30	-36	5
19	UNL	15		1030.4	SE	04	-23	-23	-29	9
20	120	15		1032.5	N	08	-26	-26	-34	6
21	UNL	15		1028.1	C	00	-36			1
22	UNL	00	BS	1011.8	NNW	45	-28	-28	-34	9
23	000	00	BS	1000.7	N	45	-21	-21	-26	10
24	120	02	IF	1006.4	NNE	20	-21	-21	-26	10
25	150	00	1/2BS	1009.5	N	30	-29	-29	-35	9
26	UNL	15		1004.6	C	00	-28	-28	-37	3
27	UNL	15		1019.7	N	05	-28	-28	-37	0
28	UNL	15		1019.5	N	12	-31	-31	-50	0
29	UNL	15		1010.3	W	04	-37			0
30	UNL	00	1/2IF	1007.5	NW	10	-27	-27	-33	8
31	UNL	15		1004.9	C	00	-30	-30	-43	2
AVG				1014.5		11	-34			06

ISACHSEN NWT
MARCH 1963 2000 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1008.4	N	12	-36			0
02	UNL	15		1008.6	ENE	07	-48			1
03	UNL	15		1009.3	C	00	-40			0
04	UNL	15		1008.9	C	00	-42			1
05	UNL	15		1011.5	NW	08	-38			1
06	UNL	15		1015.3	NW	06	-35	-35	-41	10
07	015	10	S-	1012.9	C	00	-32	-32	-38	10
08	120	15		1012.6	C	00	-44			10
09	005	04	S-	1002.5	SE	10	-29	-29	-35	10
10	UNL	00	1/2IF	1018.6	SSW	10	-49			6
11	UNL	05	IF	1029.2	C	00	-56			4
12	UNL	10		1026.9	C	00	-46			7
13	150	01	IF	1022.4	N	20	-34	-34	-40	9
14	UNL	10		1014.2	C	00	-47			3
15	UNL	10		1016.9	E	05	-37			2
16	UNL	00	BS	1013.1	S	25	-34	-34	-40	6
17	000	00	IF	1009.9	SE	25	-31	-31	-37	10
18	UNL	15		1021.1	ENE	10	-31	-31	-37	4
19	UNL	15		1031.7	ENE	03	-25	-25	-31	3
20	120	15		1031.4	N	08	-28	-28	-34	8
21	UNL	15		1026.9	C	00	-37			0
22	UNL	00	BS	1010.9	NNW	40	-28	-28	-34	9
23	000	00	BS	999.8	N	40	-22	-22	-27	10
24	020	01	IF	1008.2	N	20	-23	-23	-29	10
25	150	01	IF	1008.3	N	20	-29	-29	-35	9
26	UNL	15		1006.5	C	00	-31	-31	-45	3
27	UNL	15		1020.6	N	08	-30	-30	-39	0
28	UNL	15		1017.9	NNW	08	-30	-30	-43	0
29	UNL	15		1009.6	NW	10	-40			0
30	UNL	08		1006.9	NNW	15	-31	-31	-37	0
31	UNL	15		1005.6	C	00	-30	-30	-43	3
AVG				1014.4		10	-35			05

ISACHSEN NWT
MARCH 1963 2300 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1009.3	N	06	-42			0
02	UNL	15		1007.9	E	04	-43			1
03	UNL	15		1008.8	E	03	-42			0
04	UNL	00	1/4IF	1008.9	C	00	-44			5
05	UNL	15		1011.5	NW	08	-40			2
06	UNL	00	1/4IF	1015.3	C	00	-37			10
07	UNL	15		1012.6	C	00	-32	-32	-38	6
08	UNL	00	1/4IF	1012.0	S	08	-47			10
09	120	10	S-	1001.6	SE	05	-30	-30	-36	10
10	UNL	00	1/2IF	1020.6	SW	15	-49			6
11	UNL	05	ICIF	1029.2	C	00	-50			4
12	UNL	10		1025.5	C	00	-47			6
13	UNL	01	ICIF	1021.1	N	17	-34	-34	-40	9
14	UNL	15		1019.8	C	00	-45			0
15	UNL	05	IF	1016.8	SE	11	-30	-30	-36	5
16	UNL	00	1/4BS	1012.0	SE	28	-32	-32	-38	6
17	000	00	IF	1011.3	SE	15	-30	-30	-36	10
18	UNL	15		1022.4	ENE	20	-31	-31	-37	5
19	UNL	15		1032.4	SSE	02	-25	-25	-31	0
20	UNL	15		1030.9	N	12	-31	-31	-40	5
21	UNL	15		1025.3	C	00	-39			0
22	000	00	BS	1008.6	NNW	50	-30	-30	-36	10
23	000	00	BS	997.7	N	50	-24	-24	-30	10
24	020	01	IF	1009.1	NNE	25	-25	-25	-31	9
25	150	01	IF	1006.1	N	26	-28	-28	-34	9
26	UNL	15		1008.1	C	00	-32	-32	-42	0
27	UNL	15		1021.1	N	05	-32	-32	-42	0
28	UNL	15		1016.6	C	00	-39			1
29	UNL	15		1008.9	NNW	08	-38			2
30	030	03	IF	1006.3	NNW	05	-30	-30	-36	10
31	UNL	15		1006.1	C	00	-30	-31	-43	2
AVG				1014.1		10	-36			05

SYNOPTIC OBSERVATIONS

ISACHSEN

ISACHSEN NWT — APRIL 1963 0200 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1006.6	C	00	-40			3
02	UNL	15		1013.1	E	10	-36			2
03	UNL	00	1/8IF	1011.3	C	00	-37			5
04	UNL	15		1006.6	C	00	-37			5
05	UNL	15		1007.0	E	07	-33	-33	-43	5
06	UNL	10		1010.6	WNW	05	-32	-32	-42	7
07	002	00	BS	1012.6	SSE	50	-28	-28	-34	10
08	UNL	15		1032.6	C	00	-32	-32	-42	0
09	010	05	IF	1028.4	ESE	10	-02	-02	-07	10
10	010	01	IF	1025.6	SE	12	02	02	-02	10
11	080	15		1025.8	SSW	18	00	00	-04	7
12	005	02	S-IF	1026.3	SE	02	01	01	-03	10
13	UNL	15		1028.	E	06	-04	-04	-10	0
14	UNL	15		1020.1	SSE	04	02	02	-04	5
15	006	03	S-F	1027.2	C	00	03	03	-02	10
16	UNL	15		1031.9	C	00	-10	-10	-15	0
17	UNL	10		102 .4	C	00	-14	-14	-20	6
18	UNL	15		1031.5	C	00	-08	-08	-12	7
19	150	15		1031.7	C	00	-01	-01	-05	9
20	004	06	IF	1024.6	C	00	00	00	-04	10
21	030	01	S-IF	1018.1	C	00	01	01	-03	10
22	UNL	10		1020.0	N	14	-14	-14	-22	3
23	UNL	00	1/2IF	1021.6	N	08	-14	-14	-20	5
24	UNL	10		1021.5	C	00	-17	-17	-25	2
25	150	05	IF	1022.0	C	00	-16	-16	-24	10
26	010	08		1017.9	NW	05	-09	-09	-16	10
27	UNL	15		1021.2	C	00	-15	-15	-23	6
28	UNL	00	1/8BS	1025.9	N	35	-06	-06	-12	6
29	UNL	02	BS	1032.4	N	35	-06	-06	-12	8
30	UNL	03	BS	1027.1	NNE	45	-02	-02	-07	0
AVG				1021.9		09	-14	-14	-20	06

ISACHSEN NWT — APRIL 1963 0500 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1006.4	C	00	-41			5
02	UNL	15		1013.9	E	08	-38			2
03	UNL	01	IF	1009.6	E	20	-36			4
04	UNL	08		1007.0	C	00	-37			1
05	UNL	05	IF	1007.3	C	00	-32	-33	-42	3
06	UNL	05	IF	1013.3	SW	10	-36			2
07	005	00	1/4BS	1011.8	SSE	25	-23	-23	-29	10
08	020	15		1033.0	E	10	-24	-24	-29	10
09	025	05	IF	1024.5	SSE	20	01	01	-03	10
10	070	01	S-IF	B1025.0	SSE	30	05	05	01	10
11	080	15		1025.3	SSW	25	02	02	-03	6
12	005	02	S-IF	1028.1	C	00	02	02	-02	10
13	UNL	15		1027.7	E	06	02	02	-04	0
14	035	15		1019.7	SSE	13	05	04	-01	9
15	010	02	S-F	1027.8	C	00	04	04	01	10
16	UNL	10		1032.1	N	04	-11	-11	-17	0
17	UNL	12		1029.6	C	00	-12	-12	-18	8
18	070	15		1031.9	C	00	-03	-03	-07	9
19	UNL	15		1030.6	C	00	01	01	-05	7
20	000	00	1/8IF	1024.2	C	00	01	01	-04	10
21	150	10		1017.6	C	00	-04	-04	-08	9
22	UNL	08		1020.9	N	10	-18	-18	-27	3
23	UNL	01	IF	1022.0	SSE	04	-14	-14	-22	4
24	UNL	10		1021.5	C	00	-14	-15	-22	7
25	UNL	06	IF	1021.8	C	00	-15	-15	-23	8
26	010	02	S-IF	1017.7	NW	12	-02	-03	-07	10
27	UNL	15		1021.5	C	00	-17	-17	-24	9
28	UNL	00	1/2IF	1028.7	WSW	07	-08	-08	-13	5
29	UNL	02	BS	1032.3	N	37	-06	-06	-12	5
30	UNL	06	BS	1027.1	N	35	-01	-01	-06	0
AVG				1022.0		09	-12	-12	-17	06

ISACHSEN NWT — APRIL 1963 0800 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01										
02	UNL	15		1014.7	E	04	-38			0
03	UNL	10		1008.6	E	05	-36			0
04	UNL	03	IF	1007.2	E	14	-38			0
05	UNL	15		1007.6	C	00	-32	-32	-42	3
06	UNL	01	IF	1016.7	C	00	-38			0
07	UNL	05	IF	1012.1	S	18	-25	-25	-31	0
08	020	05	F	1032.0	ESE	14	-15	-19	-20	10
09	120	00	1/2BS	1025.8	S	30	01	01	-04	10
10	020	05	BS	1024.5	SSE	30	05	05	01	9
11	020	15		1025.2	SSE	16	03	03	-02	10
12	002	02	IF	1030.1	C	00	03	03	-01	10
13	UNL	15		1026.7	E	08	03	03	-03	0
14	035	06	S-	1020.9	S	12	05	05	00	10
15	025	06	S-F	1028.5	SW	04	05	05	02	9
16	UNL	10		1032.5	C	00	-12	-12	-17	0
17	UNL	12		1029.2	C	00	-06	-06	-11	6
18	150	15		1031.9	C	00	03	03	00	9
19	UNL	15		1029.3	C	00	02	02	-06	3
20	030	04	S-IF	1023.3	C	00	00	00	-04	9
21	UNL	06	S-IF	1017.4	C	00	-06	-06	-10	8
22	UNL	01	IF	1021.0	N	08	-16	-16	-24	3
23	UNL	03	IF	1022.0	NNE	05	-11	-11	-17	2
24	UNL	12		1021.3	C	00	-08	-08	-13	2
25	UNL	04	IF	1021.5	C	00	-12	-12	-19	8
26	UNL	04	IF	1017.5	NW	17	-04	-04	-09	8
27	030	12		1021.4	C	00	-12	-12	-19	9
28	UNL	00	1/8BS	1028.8	N	40	-07	-07	-13	6
29	UNL	08		1032.2	N	30	-03	-03	-09	1
30	UNL	06	BS	1026.7	N	35	02	02	-03	0
AVG				1022.6		10	-10	-10	-15	05

ISACHSEN NWT — APRIL 1963 1100 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1006.4	C	00	-30	-30	-39	3
02	UNL	15		1014.7	SE	15	-30	-30	-45	0
03	UNL	15		1007.2	ENE	16	-26	-26	-37	6
04	070	10		1006.9	E	13	-34	-34	-44	10
05	UNL	15		1007.3	C	00	-27	-27	-39	3
06	UNL	02	IF	1018.2	S	20	-32	-32	-42	9
07	UNL	15		1014.3	SW	06	-27	-27	-36	3
08	005	01	S-IF	1030.2	SE	25	-10	-10	-15	10
09	UNL	03	IF	1024.5	S	20	01	01	-04	1
10	020	05	IF	1024.8	S	26	05	05	01	8
11	020	15		1023.7	S	25	04	04	-01	10
12	UNL	10		1030.5	N	10	01	01	-04	3
13	UNL	15		1025.5	E	06	05	04	-01	0
14	006	10		1021.9	S	12	10	10	06	10
15	020	15		1029.1	WSW	10	-03	-03	-07	9
16	UNL	15		1031.6	N	07	-05	-05	-11	0
17	UNL	15		1029.0	C	00	-06	-06	-11	6
18	150	15		1032.2	S	05	03	03	-02	10
19	UNL	15		1028.2	C	00	03	03	-03	0
20	005	04	S-IF	1022.1	C	00	01	01	-04	10
21	UNL	15		1017.5	C	00	-05	-05	-11	0
22	UNL	02	IF	1021.1	N	08	-13	-13	-21	7
23	UNL	10		1021.8	C	00	-08	-08	-15	5
24	UNL	15		1021.6	C	00	-08	-08	-13	0
25	150	04	IF	1020.4	W	04	-10	-10	-17	7
26	015	04	IF	1018.1	NW	14	-04	-04	-09	7
27	015	04	IF	1021.7	C	00	-10	-10	-17	10
28	UNL	00	1/8BS	1029.1	N	40	-07	-07	-13	6
29	UNL	08		1031.7	N	28	00	00	-05	0
30	UNL	06	BS	1025.6	N	38	03	02	-02	0
AVG				1021.9		12	-09	-09	-15	05

ISACHSEN NWT — APRIL 1963 1400 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1007.2	E	03	-30	-30	-39	1
02	UNL	15		1014.8	E	09	-32	-32	-45	0
03	UNL	15		1006.5	NNE	05	-25	-25	-36	0
04	090	10		1006.3	E	12	-31	-31	-40	10
05	UNL	10		1007.3	NE	05	-25	-25	-36	9
06	120	00	1/4BS	1017.8	SSE	35	-29	-29	-35	10
07	UNL	15		1018.3	WSW	09	-29	-30	-38	0
08	003	00	BS	1028.8	SSE	45	-10	-10	-15	10
09	UNL	00	1/4BS	1024.8	S	35	02	02	-03	5
10	020	15		1025.2	SSE	26	07	07	03	9
11	020	15		1023.0	S	25	06	06	02	10
12	UNL	15		1031.5	N	06	06	05	02	3
13	UNL	15		1024.0	E	22	10	09	04	2
14	006	08	S-	1023.5	SW	08	12	11	09	10
15	UNL	15		1029.6	W	04	00	00	-04	1
16	UNL	15		1031.2	N	03	-05	-05	-11	0
17	UNL	15		1029.5	C	00	00	00	-09	6
18	250	15		1032.2	SE	07	06	06	01	8
19	UNL	15		1027.6	C	00	03	03	-03	2
20	100	08		1021.5	C	00	13	12	08	7
21	UNL	15		1018.0	C	00	-04	-04	-10	0
22	UNL	15		1021.1	N	12	-13	-13	-21	0
23	UNL	10		1022.3	C	00	-08	-08	-15	0
24	UNL	15		1021.6	C	00	-08	-08	-13	0
25	UNL	10		1019.6	W	10	-04	-04	-10	3
26	UNL	10		1018.9	N	10	00	00	-05	4
27	015	05	IF	1022.0	C	00	-08	-08	-15	10
28	UNL	00	1/8BS	1031.1	N	37	-07	-07	-13	6
29	UNL	08		1031.0	N	30	02	02	-03	0
30	UNL	03	IF BS	1026.7	N	10	02	02	-03	6
AVG				1022.1		12	-07	-07	-13	04

ISACHSEN NWT — APRIL 1963 1700 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1008.6	E	03	-30	-30	-39	3
02	UNL	15		1014.4	ENE	12	-34	-35	-49	2
03	UNL	15		1006.0	N	12	-29	-29	-42	0
04	090	08		1005.8	ENE	18	-29	-29	-38	10
05	070	08	S-	1007.5	NNW	08	-25	-25	-33	10
06	005	00	1/8BS	1016.6	SSE	45	-28	-28	-34	10
07	UNL	15		1022.2	WSW	12	-26	-26	-37	0
08	005	00	1/8BS	1028.0	SSE	35	-03	-03	-07	10
09	UNL	00	1/4BS	1025.2	S	35	02	02	-03	5
10	UNL	15		1025.2	S	26	05	04	01	2
11	020	01	BS	1022.5	S	35	07	07	03	10
12	UNL	15		1031.5	C	00	03	03	-02	2
13	UNL	15		1023.2	ESE	18	08	08	05	4
14	006	08	S-	1024.4	SW	08	12	12	09	10
15	UNL	15		1030.1	W	04	-02	-02	-07	1
16	UNL	15		1031.0	N	12	-07	-07	-13	1
17	UNL	15		1029.9	C	00	00	-01	-08	4
18	UNL	15		1032.5	S	10	09	09	04	6
19	UNL	15		1026.9	C	00	03	03	-09	5
20	150	15		1020.5	E	09	06	06	01	10
21	UNL	15		1018.5	NW	10	-05	-05	-11	0
22	UNL	05	IF	1021.6	N	12	-13	-13	-21	0
23	UNL	05	IF	1022.3	C	00	-10	-10	-15	0
24	UNL	15		1022.1	C	00	-07	-07	-12	0
25	020	05	IF	1018.6	W	18	-02	-02	-05	10
26	UNL	04	IF	1019.5	NNW	15	00	00	-05	4
27	020	02	S-IF	1022.0	C	00	02	02	-03	10
28	UNL	00	1/2BS	1031.7	N	90	00	00	-05	6
29	UNL	15		1031.0	N	15	02	02	-03	0
30	UNL	10		1026.7	N	12	02	02	-03	6
AVG				1022.2		14	-06	-06	-13	05

ISACHSEN NWT — APRIL 1963 2000 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1010.2	E	02	-32	-32	-42	4
02	UNL	15		1013.8	E	05	-37			2
03	UNL	15		1005.7	N	04	-34	-34	-49	0
04	090	08		1005.7	NE	16	-28	-28	-37	10
05	070	10		1007.8	N	18	-27	-27	-36	7
06	005	00	1/8BS	1015.8	SSE	49	-27	-27	-33	10
07	UNL	15		1026.6	WSW	08	-29	-30	-42	0
08	150	10		1027.1	SSE	15	00	00	-04	8
09	UNL	00	1/4BS	1025.2	S	35	01	01	-04	5
10	UNL	15		1025.2	SE	15	05	04	01	4
11	010	15		1022.9	S	15	06	05	02	10
12	UNL	15		1030.5	E	08	03	03	-02	3
13	UNL	15		1022.0	E	17	09	08	04	6
14	006	08		1025.2	SW	08	10	09	06	10
15	UNL	15		1030.9	C	00	-02	-02	-07	0
16	UNL	15		1030.5	N	10	-07	-07	-13	2
17	UNL	15		1030.2	C	00	02	02	-06	2
18	UNL	15		1032.1	S	06	04	04	-01	5
19	010	15		1026.0	C	00	-03	-03	-08	7
20	005	05	S-IF	1019.7	C	00	00	00	-06	10
21	010	15		1019.0	NW	04	-04	-04	-10	10
22	UNL	08		1021.2	NE	15	-13	-14	-21	0
23	UNL	05	IF	1022.1	C	00	-11	-11	-16	0
24	UNL	15		1021.9	C	00	-08	-09	-13	0
25	UNL	05	IF	1017.8	W	15	-02	-02	-05	4
26	UNL	04	IF	1020.3	NW	09	00	00	-05	4
27	005	00	1/8IF	1023.0	N	30	-03	-03	-07	10
28	UNL	00	1/8BS	1031.7	N	35	01	00	-04	6
29	UNL	15		1030.0	N	15	01	01	-04	0
30	UNL	10		1026.1	N	08	02	02	-03	10
AVG				1022.2		12	-07	-08	-13	05

ISACHSEN NWT — APRIL 1963 2300 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1011.8	E	07	-34	-34	-44	2
02	UNL	15		1012.3	ESE	03	-40			0
03	UNL	15		1005.7	C	00	-37			0
04	UNL	05	IF	1006.1	E	12	-30	-30	-36	10
05	UNL	01	BS	1008.1	N	25	-27	-27	-33	5
06	002	00	BS	1014.9	SSE	50	-27	-27	-33	10
07	UNL	15		1030.3	C	00	-35	-35	-51	0
08	010	10		1026.1	SSE	28	-01	-01	-06	10
09	015	00	1/4BS	1025.3	S	30	01	01	-04	10
10	080	15		1025.2	S	18	00	00	-04	8
11	080	15		1024.0	SW	05	04	04	-01	10
12	UNL	15		1029.8	E	06	-08	-08	-15	2
13	UNL	15		1021.0	SSW	08	02	02	-06	4
14	003	02	S-IF	1025.9	C	00	03	03	-02	10
15	UNL	15		1031.6	N	07	-08	-08	-12	0
16	UNL	15		1030.0	C	00	-13	-13	-18	3
17	UNL	15		1030.9	C	00	-08	-08	-12	2
18	110	15		1032.0	SE	03	01	01	-05	9
19	015	12	S-	1025.5	C	00	00	00	-04	10
20	005	03	S-IF	1018.7	C	00	00	00	-06	10
21	010	03	IF	1019.4	NNW	17	-06	-06	-11	9
22	UNL	00	1/2IF	1021.1	N	10	-14	-14	-19	5
23	UNL	10		1021.5	C	00	-15	-15	-21	8
24	UNL	15		1021.8	C	00	-16	-16	-24	4
25	UNL	12		1017.8	NW	13	-12	-12	-19	3
26	UNL	10		1020.6	N	10	-16	-16	-24	2
27	010	00	1/8BS	1024.5	N	35	-03	-03	-09	10
28	UNL	02	BS	1032.0	N	38	-06	-06	-12	9
29	UNL	15		1029.5	N	25	01	00	-04	3
30	UNL	15		1025.5	C	00	01	01	-04	0
AVG				1022.3		12	-11	-11	-17	06

SYNOPTIC OBSERVATIONS

ISACHSEN

ISACHSEN NWT
MAY 1963 0200 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1024.7	NW	18	01	01	-04	5
02	UNL	15		1025.3	N	12	03	02	-02	7
03	UNL	15		1016.0	NNE	06	02	01	-03	0
04	UNL	01	BS	1019.6	NNW	30	09	09	05	5
05	UNL	15		1023.5	N	06	06	06	01	4
06	000	00	IF	1022.8	NE	05	05	05	01	10
07	UNL	15		1019.1	C	00	04	04	-01	0
08	UNL	15		1016.9	SE	03	03	03	-02	0
09	150	15		1013.7	C	00	08	08	.04	9
10	120	15		1007.5	SE	12	11	11	07	8
11	015	08	S-	1005.1	C	00	15	15	12	10
12	008	03	S-	1007.1	C	00	15	15	12	10
13	015	08	S-	1011.0	NW	07	05	05	01	10
14	010	12	S-	1016.2	NW	08	05	05	01	10
15	010	15		1014.9	NNW	12	07	07	03	9
16	010	06	S-IF	1017.3	NNE	11	11	11	08	10
17	010	02	SW-IF	1019.2	NNW	07	10	10	07	10
18	010	04	S-IF	1021.1	WNW	03	11	11	08	10
19	050	08	S-	1026.4	W	05	13	13	10	9
20	005	10		1025.1	C	00	23	23	21	10
21	000	00	IF	1018.4	SW	06	25	25	25	10
22	150	08	S-	1000.3	E	12	22	22	19	7
23	010	01	S-BS	1009.0	NE	27	12	11	09	10
24	010	00	1/4BS	1010.8	N	28	09	09	05	10
25	008	10		1014.6	NNE	22	12	12	09	10
26	015	01	S-BS	1013.5	N	22	10	10	06	9
27	004	00	1/8S BS	1012.7	NNE	18	11	11	07	10
28	025	10	S-	1017.5	C	00	13	13	10	10
29	010	02	S-	1014.2	WSW	17	13	13	09	10
30	UNL	08		1017.1	S	28	12	11	09	8
31	025	15		1021.9	E	17	19	19	16	9
AVG				1016.2		11	11	10	07	08

ISACHSEN NWT
MAY 1963 0500 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1023.8	W	12	02	02	-03	5
02	UNL	15		1024.7	N	15	04	04	-03	7
03	070	15		1016.5	NNW	06	01	01	-04	7
04	UNL	00	1/4BS	1019.5	N	40	05	04	00	6
05	UNL	15		1023.5	N	10	-02	-02	-07	6
06	000	00	IF	1022.8	C	00	-04	-04	-09	10
07	UNL	15		1018.7	C	00	05	05	01	0
08	UNL	15		1016.5	C	00	07	06	02	0
09	UNL	15		1012.9	S	09	10	10	06	8
10	020	15		1007.0	SE	12	13	13	10	10
11	010	08	S-	1005.3	C	00	14	11	10	10
12	008	05	S-	1007.2	C	00	16	16	13	10
13	010	15		1011.9	NW	07	04	04	-01	10
14	010	10	S-	1016.4	NW	10	06	06	02	10
15	020	15		1014.7	NW	13	06	06	02	9
16	020	03	S-IF	1018.2	NNE	08	11	11	08	10
17	010	05	SW-IF	1019.1	NW	08	09	09	06	10
18	010	04	S-IF	1023.0	NNE	06	11	11	08	10
19	010	08	S-	1026.6	NW	15	12	12	09	10
20	002	00	1/4IF	1025.4	C	00	25	25	24	10
21	004	10		1015.9	S	10	26	26	25	10
22	010	15		1000.7	E	10	22	22	19	10
23	010	00	1/8BS	1010.1	NNE	35	12	12	09	8
24	UNL	00	1/8BS	1010.3	N	28	09	09	05	6
25	020	05	BS	1014.5	N	25	11	11	07	10
26	015	08		1013.5	N	15	11	10	07	10
27	025	03	S-BS	1012.9	NNE	16	12	12	08	9
28	018	10		1018.1	NW	08	12	12	08	10
29	015	02	S-	1013.5	SW	16	14	14	11	10
30	015	04	IF	1018.4	SSE	30	13	13	10	10
31	UNL	15		1021.5	E	15	20	20	17	7
AVG				1016.2		12	10	10	06	08

ISACHSEN NWT
MAY 1963 0800 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1023.2	W	20	02	02	-03	7
02	020	15		1024.2	W	05	06	06	-01	10
03	010	02	S-IF	1016.7	N	05	08	07	04	10
04	UNL	00	1/4BS	1020.1	N	40	07	06	02	7
05	UNL	15		1023.5	N	10	-03	-04	-10	6
06	000	00	IF	1022.0	C	00	00	00	-04	10
07	UNL	15		1018.5	C	00	06	06	02	0
08	UNL	15		1016.2	S	07	11	10	06	1
09	UNL	15		1012.1	E	07	14	14	11	3
10	020	15		1006.5	SE	12	13	13	10	10
11	010	08	S-	1005.3	C	00	14	14	11	10
12	UNL	10		1007.4	N	05	11	11	07	3
13	010	15		1012.4	WNW	10	05	05	01	10
14	010	15		1016.2	N	08	07	07	03	10
15	020	03	IF	1013.8	NNW	15	09	09	05	8
16	010	02	S-IF	1018.5	NNE	10	11	11	08	10
17	010	03	IF	1018.7	NW	05	09	09	06	10
18	015	08	S-	1024.2	NNW	04	12	12	09	10
19	010	02	S-IF	1026.1	NW	08	13	13	09	10
20	006	10		1025.4	C	00	25	25	24	10
21	015	15		1012.9	S	12	27	27	26	10
22	UNL	15		1001.2	E	10	23	23	20	8
23	UNL	00	BS	1010.7	NNE	40	21	21	19	9
24	020	00	1/8BS	1010.0	N	32	09	09	05	7
25	020	00	1/2IF BS	1014.0	N	25	11	11	07	10
26	015	00	S-BS	1013.5	N	30	10	10	06	10
27	025	05	SW-	1012.9	NE	16	12	12	08	8
28	020	10		1017.7	NW	05	14	14	10	10
29	015	02	S-	1013.0	SW	15	14	14	11	10
30	010	02	IF	1020.2	SSE	28	12	12	09	10
31	UNL	15		1020.5	ENE	13	24	22	16	5
AVG				1016.1		13	12	11	08	08

ISACHSEN NWT
MAY 1963 1100 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1022.8	NW	12	05	05	01	9
02	020	15		1022.3	W	08	08	08	04	10
03	UNL	03	IF	1017.2	N	10	11	11	07	6
04	UNL	15		1021.9	NNE	15	06	06	02	3
05	UNL	15		1023.4	N	12	01	01	-04	2
06	000	00	IF	1021.4	WSW	03	00	00	-04	10
07	UNL	15		1018.1	C	00	12	12	09	0
08	UNL	15		1015.8	S	08	13	13	10	3
09	UNL	15		1010.8	SE	03	18	18	15	7
10	005	02	S-	1005.5	SSW	07	16	16	13	10
11	010	03	S-	1009.7	C	00	17	17	14	10
12	UNL	15		1007.7	N	10	09	09	04	4
13	010	15		1013.4	NW	10	05	05	01	10
14	010	15		1016.0	N	10	08	08	04	10
15	020	03	S-IF	1014.0	NNE	15	10	10	06	8
16	005	02	S-IF	1018.9	NNE	10	11	11	08	10
17	010	03	IF	1018.4	NW	03	09	09	06	10
18	010	03	S-IF	1025.5	C	00	15	15	12	10
19	UNL	12	IC	1025.3	W	08	12	12	09	8
20	015	12		1025.1	WSW	06	28	28	27	10
21	015	10		1010.0	SSW	15	26	26	25	10
22	010	15		1002.4	NNE	15	22	21	17	9
23	000	00	BS	1011.6	NNE	35	11	11	07	10
24	010	00	1/4BS	1010.5	N	30	11	11	07	10
25	010	01	BS	1013.5	NNE	20	12	12	09	7
26	010	00	1/2BS	1013.4	N	25	10	10	06	10
27	015	02	SW-F	1013.8	ENE	08	14	14	11	10
28	014	15		1017.1	NW	04	14	14	11	10
29	010	02	S-IF	1012.6	SW	15	15	15	11	10
30	UNL	03	BS	1021.3	SSE	30	14	13	10	5
31	UNL	15		1019.6	ENE	17	25	23	19	4
AVG				1016.0		12	13	12	09	08

ISACHSEN NWT
MAY 1963 1400 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1023.5	N	10	06	06	02	1
02	030	15		1019.4	WSW	07	09	09	05	10
03	UNL	06	IF	1017.6	NW	10	10	10	06	8
04	UNL	15		1022.0	N	40	07	06	02	7
05	UNL	15		1023.3	N	09	03	03	-02	8
06	005	03	IF	1020.9	C	00	03	03	-02	10
07	UNL	15		1017.7	C	00	15	15	12	0
08	UNL	15		1015.7	SSW	09	15	14	12	3
09	UNL	15		1009.7	SSE	09	19	19	17	9
10	010	03	S-	1009.4	SSW	05	17	17	14	10
11	010	03	S-	1006.0	N	05	18	18	15	10
12	UNL	15		1008.3	N	15	09	09	04	4
13	010	15		1014.1	WNW	10	05	05	01	10
14	010	15		1016.2	N	07	08	08	04	10
15	020	05	IF	1014.5	NNE	15	09	09	05	8
16	005	02	S-IF	1019.6	N	12	11	11	08	10
17	010	03	IF	1018.3	C	00	10	10	07	10
18	012	05	S-IF	1026.4	N	05	16	16	13	10
19	030	15		1025.2	W	09	15	15	12	10
20	015	15		1024.6	WSW	05	30	30	29	10
21	010	12		1007.5	SSW	08	27	26	25	10
22	UNL	15		1003.4	NNE	24	21	20	17	4
23	000	00	BS	1012.2	NNE	35	12	12	09	10
24	000	00	1/4BS	1011.3	NNE	38	12	12	08	10
25	010	01	BS	1013.5	NNE	25	13	13	10	7
26	005	00	1/4S-BS	1013.4	N	30	12	12	09	10
27	015	06	S-	1014.7	NE	10	15	15	12	10
28	014	15		1017.1	WNW	10	15	15	09	10
29	190	02	S-IF	1013.0	S	15	17	16	14	10
30	UNL	05	BS	1022.4	SE	30	15	15	12	4
31	UNL	15		1019.0	ENE	16	25	25	18	5
AVG				1016.0		13	14	13	10	08

ISACHSEN NWT
MAY 1963 1700 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1023.9	N	10	05	05	01	1
02	005	01	S-IF	1016.2	W	16	12	12	09	10
03	180	03	BS	1017.4	NNW	25	08	08	04	8
04	UNL	15		1023.3	NNW	08	05	05	01	1
05	006	06	IF	1023.4	NNE	07	03	03	-02	10
06	UNL	15		1020.2	C	00	06	06	03	0
07	UNL	15		1017.4	S	05	13	13	10	0
08	UNL	15		1015.4	SSW	05	14	14	11	9
09	UNL	15		1009.0	SSE	09	20	20	18	8
10	UNL	08	S-	1005.2	SW	04	17	17	14	8
11	010	03	S-	1006.2	N	06	18	18	15	10
12	UNL	15		1009.0	N	12	05	05	01	7
13	010	15		1015.1	NW	06	05	05	01	10
14	010	05	S-	1016.2	N	15	02	02	-01	10
15	010	02	S-IF	1015.0	N	12	10	10	07	10
16	012	04	SW-IF	1019.8	N	10	12	12	09	10
17	015	08	S-	1018.4	W	05	13	13	10	10
18	015	10	S-	1027.2	N	05	13	13	10	10
19	010	15		1025.0	WSW	08	16	16	13	10
20	015	15		1023.9	SSW	03	30	30	27	10
21	008	15		1009.0	S	08	26	26	24	10
22	015	05	IF	1005.2	NNE	18	19	19	16	7
23	000	00	BS	1012.4	NNE	35	12	12	09	10
24	010	01	BS	1012.8	NNE	30	13	13	10	10
25	010	01	S-BS	1013.6	NNE	20	12	12	09	10
26	015	01	S-BS	1013.6	N	25	11	11	07	9
27	025	12		1015.6	NNE	12	14	14	11	10
28	014	15		1016.6	WNW	14	16	15	10	10
29	UNL	15	IC	1013.3	SSW	15	16	15	12	5
30	020	08		1022.7	SSE	25	15	15	12	6
31	UNL	15		1017.7	N	12	24	21	14	3
AVG				1016.0		12	13	13	10	08

ISACHSEN NWT
MAY 1963 2000 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1023.8	N	28	06	06	02	9
02	UNL	10	IC	1015.3	NNW	10	09	09	05	1
03	020	01	S-BS	1017.5	NNW	20	09	09	05	9
04	UNL	15		1023.4	NNE	13	04	04	-01	1
05	004	03	IF	1023.1	NE	03	02	02	-03	10
06	UNL	15		1019.4	C	00	08	08	05	0
07	UNL	15		1017.2	S	05	09	09	05	0
08	UNL	15		1014.8	C	00	13	13	10	9
09	UNL	15		1008.6	ESE	08	16	16	13	4
10	020	15		1005.1	C	00	16	16	13	8
11	010	09	S-	1006.2	ENE	05	15	15	12	10
12	020	15		1009.6	N	07	05	05	01	9
13	010	15		1015.2	WNW	10	04	04	00	10
14	010	10		1013.8	N	12	05	05	00	8
15	010	04	SW-IF	1015.6	NE	12	08	08	05	10
16	005	02	SW-IF	1019.7	NNW	08	12	12	09	10
17	015	10	S-	1018.4	W	05	11	11	07	10
18	015	10	S-	1027.0	N	03	13	13	10	10
19	015	15		1024.8	SW	05	19	18	17	10
20	005	10		1022.1	SSW	06	29	29	28	10
21	008	15		1003.0	SSE	05	25	24	22	10
22	015	06	S-IF	1006.3	NE	12	16	15	11	6
23	010	00	BS	1012.1	NNE	35	10	09	06	8
24	010	00	1/2BS	1013.9	NNE	30	12	12	09	10
25	015	02	S-BS	1013.5	NNE	20	11	11	07	7
26	010	00	1/4S-BS	1015.1	NNE	25	11	11	07	10
27	025	10	S-	1016.7	NNE	08	14	13	11	10
28	150	10	S-	1015.8	WSW	10	16	14	10	10
29	UNL	08	S-	1013.7	S	23	16	15	12	5
30	020	15		1022.8	SE	12	17	17	13	10
31	UNL	15		1016.3	N	18	20	19	15	9
AVG				1015.8		12	12	12	09	08

ISACHSEN NWT
MAY 1963 2300 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	150	08		1023.6	N	35	05	05	01	9
02	150	00	1/4IF	1019.3	N	18	05	05	02	7
03	UNL	01	BS	1017.5	N	32	09	09	05	5
04	UNL	15		1023.5	C	00	04	04	-01	1
05	000	00	IF	1022.8	NE	03	05	05	01	10
06	UNL	15		1019.1	C	00	04	04	-01	0
07	UNL	15		1016.9	C	00	10	10	06	0
08	UNL	15		1014.2	C	00	12	12	09	9
09	150	15		1007.8	SE	15	16	16	13	8
10	015	10	S-	1005.1	C	00	15	15	12	10
11	008	03	S-	1006.7	C	00	15	15	12	10
12	010	06	S-	1010.0	N	08	05	05	01	10
13	010	15		1015.6	NW	08	04	04	-01	10
14	010	15		1015.3	NNW	12	06	06	02	9
15	005	02	SW-IF	1016.9	NE	09	10	10	05	10
16	008	04	SW-IF	1019.2	NNW	09	11	11	08	10
17	010	06	S-IF	1019.7	C	00	12	12	09	10
18	006	08	S-	1027.0	NW	05	12	12	09	10
19	015	15		1024.6	SW	06	18	17	16	10
20	005	10		1019.9	W	05	29	28	28	10
21	010	15		1000.6	S	03	25	24	22	10
22	015	05	S-IF	1007.3	NNE	20	15	14	11	8
23	010	00	BS	1011.8	N	28	09	09	05	9
24	012	10		1014.3	NNE	22	12	12	09	10
25	015	00	1/2S BS	1013.5	N	22	10	10	06	9
26	010	00	1/4S-BS	1013.1	NNE	25	11	11	08	10
27	025	10		1017.1	NNE	04	14	14	11	10
28	010	02	S-	1015.1	WSW	15	15	15	12	10
29	UNL	08		1014.8	S	30	14	14	11	9
30	010	10		1022.4	E	15	18	18	15	10
31	UNL	15		1015.8	NNE	10	18	17	13	9
AVG				1015.7		12	12	12	08	08

SYNOPTIC OBSERVATIONS

ISACHSEN

ISACHSEN NWT JUNE 1963 0200 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	08		1015.4	NNE	18	16	16	12	5
02	UNL	10		1015.6	NNE	25	15	15	12	4
03	010	08		1019.7	N	10	25	24	23	10
04	013	15		1022.6	NNW	17	27	26	24	10
05	010	10		1023.1	N	15	24	24	22	10
06	004	02	F	1023.9	N	04	24	24	22	10
07	005	08		1024.2	S	18	27	27	25	10
08	015	08		1018.6	S	30	30	30	29	10
09	004	01	ZL-F	1015.3	S	20	32	32	32	10
10	015	08		1016.8	WSW	20	30	30	29	9
11	UNL	06	F	1021.0	W	02	28	27	25	9
12	015	10		1017.4	SE	18	33	32	30	10
13	000	00	F	1019.2	S	08	32	32	32	10
14	005	06	S-F	1015.3	NNE	08	34	33	33	10
15	015	06	F	1019.6	NW	15	28	28	27	10
16	015	10		1016.0	W	18	31	30	29	10
17	010	04	F	1019.9	NNW	20	30	29	27	10
18	UNL	08		1016.8	N	10	29	29	28	9
19	UNL	15		1019.7	E	07	32	31	29	2
20	010	08		1012.1	N	20	26	25	23	7
21	020	15		1014.6	NE	12	29	27	22	9
22	010	06	SW-F	1012.4	SW	08	30	29	27	10
23	020	15		1012.6	N	02	35	33	30	10
24	UNL	15		1013.9	NNE	05	36	34	31	2
25	015	10		1016.2	W	10	34	33	32	10
26	008	04	F	1009.0	N	15	33	33	32	10
27	004	02	F	1008.7	NW	24	29	29	27	10
28	005	02	SW-F	1008.8	N	18	27	27	26	7
29	015	10		1015.7	SE	02	30	30	29	10
30	015	10		1018.0	ENE	15	30	29	26	10
AVG				1016.3		14	29	28	27	09

ISACHSEN NWT JUNE 1963 0500 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	04	IF	1014.9	NE	17	18	18	15	5
02	UNL	04	IF	1016.5	NNE	18	18	18	15	9
03	008	08		1020.3	NNW	12	25	25	23	10
04	015	15		1023.2	N	15	24	23	20	8
05	008	08		1023.2	NNW	15	24	24	22	10
06	001	00	1/8F	1024.1	NW	02	24	23	21	10
07	004	04	F	1023.9	S	18	27	27	25	10
08	010	04	F	1017.3	S	28	30	30	29	10
09	004	01	S-F	1014.3	SSE	16	32	32	32	10
10	015	10		1018.8	WSW	10	30	30	29	9
11	UNL	10		1021.0	C	00	29	28	27	3
12	005	10		1016.6	SE	16	34	33	32	9
13	002	08		1015.3	S	08	32	32	32	10
14	010	06	F	1015.8	N	12	32	32	32	10
15	010	08		1020.0	NW	14	30	29	29	10
16	005	06	F	1013.4	WNW	22	30	30	29	10
17	015	08		1014.6	N	22	29	28	25	10
18	UNL	08		1016.9	N	08	30	29	28	4
19	UNL	15		1015.1	E	06	34	32	28	1
20	010	08		1011.9	N	20	27	27	24	9
21	020	15		1014.9	N	16	29	27	22	10
22	010	08		1011.5	S	05	31	31	30	10
23	020	15		1012.8	N	04	35	34	33	10
24	UNL	15		1014.6	NW	07	35	33	30	2
25	025	10		1015.7	W	12	35	34	33	10
26	008	04	F	1009.1	N	20	31	30	28	10
27	020	04	F	1007.9	NW	22	29	29	28	10
28	008	08		1009.4	NNE	14	27	26	24	7
29	020	10		1016.3	W	10	30	29	27	10
30	019	10		1019.3	ENE	12	31	30	27	10
AVG				1016.3		13	29	28	27	08

ISACHSEN NWT JUNE 1963 0800 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	04	IF	1014.5	NE	20	19	19	16	2
02	013	06	IF	1016.7	NNE	18	21	20	18	9
03	008	02	S-IF	1021.0	NNW	14	27	26	24	10
04	015	10		1023.1	N	22	25	25	22	10
05	005	04	S-F	1023.5	N	18	25	24	23	10
06	000	00	F	1024.1	W	02	25	25	23	10
07	008	08		1022.9	S	28	29	28	26	9
08	004	00	1/2S-F	1016.6	S	28	29	29	28	10
09	002	00	1/2F	1013.7	S	16	32	32	32	10
10	015	10		1019.7	WSW	15	31	31	30	10
11	UNL	10		1020.5	C	00	31	30	27	3
12	025	10		1016.1	SE	16	35	34	32	9
13	002	08		1015.0	S	06	33	33	32	10
14	005	04	F	1016.5	N	15	32	32	32	10
15	015	08		1020.2	NNW	12	32	31	29	10
16	008	06	SW-F	1012.5	WNW	20	32	32	32	10
17	015	06	SW-F	1015.0	NNW	15	29	28	26	10
18	015	08		1017.0	N	08	31	30	28	6
19	015	15		1014.1	C	00	36	34	30	6
20	015	10		1012.0	NNE	28	30	28	24	9
21	015	15		1015.0	NNE	14	30	27	21	10
22	015	10		1011.4	WSW	10	33	32	31	10
23	015	15		1013.4	SSW	04	35	34	33	10
24	010	15		1015.2	NW	08	34	33	31	8
25	020	08	L-	1015.0	SW	10	35	34	33	10
26	015	10		1009.1	N	22	32	30	26	7
27	008	01	S-F	1006.6	WNW	18	31	30	29	10
28	012	08	SW-	1010.4	NNE	10	29	28	26	10
29	020	10		1016.5	W	08	31	30	27	10
30	020	10		1020.2	NE	14	31	30	27	10
AVG				1016.2		14	30	29	27	09

ISACHSEN NWT JUNE 1963 1100 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	02	IF	1014.2	NE	18	20	19	15	3
02	020	03	F	1016.9	NNE	16	25	24	21	9
03	008	01	IF	1021.2	N	11	27	27	24	10
04	012	01	F	1022.7	N	21	27	26	23	10
05	015	10		1023.4	N	12	26	25	23	7
06	005	00	3/4F	1024.4	WSW	05	26	26	23	9
07	015	10		1022.6	S	24	30	30	28	10
08	006	00	1/2S-F	1015.9	SSW	24	30	30	29	10
09	002	00	1/2F	1013.6	S	24	33	33	33	10
10	015	10		1020.5	WSW	16	33	32	30	10
11	UNL	10		1020.1	C	00	34	32	31	3
12	020	10		1015.9	SSW	11	35	34	33	9
13	000	00	L-F	1014.8	S	09	32	32	32	10
14	008	04	F	1017.2	NW	15	32	31	29	9
15	007	10		1020.8	NW	14	33	32	30	10
16	015	08		1012.3	NNW	18	33	32	30	7
17	010	02	SW-F	1015.2	NNW	12	30	29	28	6
18	010	10		1016.8	NW	05	34	32	28	7
19	020	15		1013.1	N	08	36	34	30	6
20	015	15		1012.8	NNE	18	31	28	23	9
21	020	15		1014.4	NNE	08	31	30	26	10
22	015	10		1011.1	WSW	05	34	33	32	10
23	015	15		1013.1	SW	08	37	35	32	9
24	002	15		1015.5	WSW	10	34	33	31	9
25	020	10		1013.6	WSW	14	36	35	34	10
26	UNL	10		1008.7	N	27	34	32	28	5
27	005	00	1/2S-F	1004.8	WNW	10	31	31	30	10
28	010	07		1011.4	NE	10	31	30	27	10
29	015	10		1016.3	W	07	34	32	28	9
30	020	10		1021.2	ENE	10	34	32	30	10
AVG				1016.2		13	31	30	28	09

ISACHSEN NWT JUNE 1963 1400 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1014.1	NNE	20	21	20	14	3
02	020	05	IF	1017.4	NNE	15	25	24	21	9
03	008	01	IF	1021.9	NNW	08	27	27	25	10
04	012	08		1022.9	NNE	18	28	26	23	10
05	010	05	F	1023.5	N	12	27	26	24	10
06	008	02	F	1024.7	SSW	03	27	26	24	10
07	012	10		1022.9	SE	10	32	31	30	10
08	004	01	ZR-F	1016.1	SSW	24	31	31	29	10
09	002	00	1/2L-F	1013.8	SSW	18	33	33	33	10
10	030	15		1020.9	WSW	06	34	32	29	7
11	UNL	02	F	1019.7	C	00	36	34	31	4
12	020	10		1015.7	S	08	34	34	32	10
13	001	01	F	1015.0	WSW	02	33	33	33	10
14	010	10		1017.9	N	14	34	32	30	8
15	018	15		1020.9	NW	14	33	32	30	9
16	015	03	SW-	1013.1	NNW	18	32	31	30	7
17	UNL	01	F	1015.5	NNW	18	32	31	30	3
18	UNL	15		1016.8	WNW	07	35	33	28	1
19	UNL	15		1012.6	N	10	34	31	28	4
20	015	15		1013.6	N	16	32	30	28	10
21	020	15		1014.3	C	00	33	31	27	9
22	020	10	SW-	1011.2	WSW	02	35	33	31	10
23	UNL	15		1013.1	SW	09	39	37	34	4
24	220	15		1015.9	W	10	36	35	31	8
25	020	10		1012.4	WNW	15	37	36	34	10
26	010	01	SW-F	1009.0	N	30	33	32	30	10
27	005	00	1/2S-F	1009.1	NE	10	32	32	31	10
28	010	07	SW-	1012.6	N	07	32	32	30	10
29	250	10		1016.7	WSW	10	32	31	29	8
30	020	10		1022.0	ENE	10	33	32	29	10
AVG				1016.4		11	32	31	29	08

ISACHSEN NWT JUNE 1963 1700 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1014.5	NNE	20	21	20	15	3
02	018	01	IF	1018.0	NNE	14	26	25	23	10
03	008	02	IF	1022.1	NNE	12	28	27	26	10
04	014	03	F	1022.8	NNE	13	28	27	24	10
05	010	03	F	1023.7	NNE	08	27	26	24	10
06	008	04	F	1024.5	SSW	10	29	28	26	10
07	010	00	3/4S-F	1021.8	SSE	22	31	30	28	10
08	006	01	ZR-F	1016.2	SSW	18	31	31	30	10
09	002	00	1/4L-F	1014.1	SSW	18	33	33	33	10
10	002	01	F	1021.3	WSW	08	34	33	32	10
11	080	15		1019.1	SE	10	35	34	32	7
12	002	00	3/4F	1015.1	SSW	10	33	33	33	10
13	006	03	F	1015.1	WSW	05	33	33	33	10
14	012	10		1018.5	N	12	33	32	30	8
15	UNL	15		1020.8	WNW	12	32	32	30	4
16	015	02	SW-	1013.9	NNW	18	32	31	29	8
17	UNL	04	F	1015.8	NNW	14	32	31	30	4
18	UNL	15		1016.8	C	00	35	33	29	1
19	015	15		1012.4	NNE	10	31	30	27	8
20	015	15		1013.9	NNE	17	31	29	24	10
21	030	15		1014.1	W	15	32	30	26	9
22	004	10		1011.5	C	00	35	34	31	10
23	220	15		1013.0	WNW	05	38	36	33	9
24	UNL	15		1016.2	WSW	10	36	33	30	7
25	008	02	S-F	1011.6	WNW	14	36	36	34	10
26	010	01	F	1009.0	N	28	33	32	31	10
27	008	10		1006.4	NE	10	33	32	30	8
28	010	03	SW-F	1013.6	NE	09	32	31	29	10
29	015	10		1016.7	W	15	34	32	30	9
30	020	10		1023.0	ENE	10	33	32	31	10
AVG				1016.5		12	32	31	29	09

ISACHSEN NWT JUNE 1963 2000 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1014.8	N	20	19	19	15	4
02	012	01	S-F	1018.5	N	10	26	26	24	10
03	008	00	1/2SG-F	1022.1	NW	08	28	28	27	10
04	014	03	F	1022.7	N	17	27	27	24	10
05	010	02	S-F	1023.9	N	10	27	26	25	10
06	010	03	F	1024.5	SSW	13	28	27	26	10
07	012	06	F	1019.9	SSE	28	31	30	27	10
08	004	01	F	1016.0	SSW	16	32	31	30	10
09	002	00	1/2S-F	1013.9	SW	16	33	33	33	10
10	009	00	1/4F	1021.2	WSW	08	32	32	32	10
11	015	10		1018.5	ESE	14	34	34	32	9
12	003	01	1/2F	1014.8	SSW	07	33	33	33	10
13	006	03	F	1015.0	N	04	34	34	34	10
14	008	04	F	1019.0	NNW	12	31	30	27	7
15	020	03	F	1020.1	W	14	30	29	29	9
16	015	01	SW-	1013.5	NW	20	30	30	28	8
17	UNL	03	F	1016.2	NNW	14	30	29	27	4
18	UNL	15		1016.4	N	06	36	33	30	1
19	015	15		1012.1	N	18	27	27	26	8
20	015	15	SW-	1014.5	NNE	15	30	28	24	10
21	UNL	15		1013.4	WNW	07	32	32	25	6
22	015	15		1012.0	WNW	05	36	34	32	10
23	UNL	15		1019.3	NW	08	39	37	35	9
24	010	15		1016.8	W	08	34	33	31	10
25	010	02	S-F	1010.5	NW	10	35	34	33	10
26	010	01	F	1009.1	N	27	32	31	30	10
27	005	07		1007.4	NNE	15	31	31	29	7
28	010	07	SW-	1014.3	NNE	05	31	30	28	9
29	010	07	SW-	1016.6	C	00	34	32	29	10
30	020	10		1023.0	NNE	15	31	30	27	10
AVG				1016.5		12	31	30	28	09

ISACHSEN NWT JUNE 1963 2300 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1015.5	NNE	18	18	18	15	8
02	010	08		1019.1	N	14	25	25	23	10
03	008	08		1022.5	N	14	26	25	24	6
04	010	08		1022.8	N	15	25	24	21	10
05	005	04	F	1023.6	N	10	25	25	23	10
06	008	08		1024.4	S	17	27	27	26	10
07	015	08		1019.5	SSE	28	31	30	28	10
08	002	01	F	1015.8	S	18	32	32	32	10
09	002	00	1/2S-F	1015.2	WSW	18	32	32	32	10
10	003	00	3/4F	1021.0	W	08	30	30	30	10
11	015	10		1018.1	SE	18	33	32	30	10
12	002	00	1/4F	1019.3	SW	08	33	33	33	10
13	004	02	F	1015.0	N	06	33	33	32	10
14	004	04	F	1019.2	NW	16	28	27	26	6
15	015	08		1018.2	WSW	08	29	29	28	10
16	010	04	SW-F	1013.4	NNW	15	31	31	29	10
17	005	03	F	1016.4	N	10	29	29	29	7
18	UNL	15		1016.2	N	06	34	31	27	1
19	010	10		1011.9	N	18	25	25	24	10
20	015	15		1014.7	N	18	29	27	22	10
21	015	15		1013.0	NW	10	31	29	25	10
22	015	15		1012.2	N	08	35	32	28	10
23	UNL	15		1013.3	NW	06	37	35	32	7
24	015	15		1016.2	W	10	35	34	32	9
25	010	02	S-F	1009.6	NW	15	34	33	32	10
26	010	02	F	1009.0	NNW	22	30	30	29	9
27	UNL	10		1007.8	N	18	29	29	27	4
28	010	06	SW-F	1015.0	S	02	30	30	28	10
29	010	06	F	1017.1	ENE	10	32	32	32	10
30	015	10		1022.9	NE	08	31	29	26	10
AVG				1016.5		13	30	29	28	09

SYNOPTIC OBSERVATIONS

MOULD BAY

MOULD BAY NWT JANUARY 1963 0200 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1020.5	C	00	-30	-30	-35	0
02	UNL	15		1025.2	C	00	-38			0
03	UNL	15		1026.6	C	00	-28	-28	-34	0
04	UNL	15		1024.4	NNW	06	-35			0
05	UNL	15		1026.6	E	03	-35			5
06	UNL	15		1025.2	SE	03	-31	-31	-37	0
07	UNL	15		1024.4	C	00	-36			0
08	UNL	15		1031.0	C	00	-35			0
09	UNL	15		1035.0	C	00	-41			0
10	UNL	15		1034.0	C	00	-43			0
11	060	01	BS	1022.8	SSE	15	-28	-28	-34	10
12	UNL	15		1027.0	C	00	-37			0
13	UNL	01	BS	1033.7	NNW	15	-44			4
14	UNL	00	1/8BS	1025.8	NW	40	-38			8
15	UNL	00	1/4BS	1018.2	NW	40	-37			3
16	UNL	00	1/2BS	1017.8	NW	35	-36			1
17	UNL	01	BS	1033.2	NW	30	-34	-34	-40	2
18	020	10	S-	1026.4	NE	02	-22	-22	-27	10
19	UNL	15		1032.3	N	08	-39			0
20	UNL	15		1034.4	C	00	-47			0
21	UNL	15		1030.3	NW	20	-43			0
22	UNL	15		1033.8	NW	12	-35			0
23	UNL	10		1035.1	W	25	-19	-19	-24	4
24	UNL	15		1026.6	NW	16	-33	-33	-39	0
25	030	15		1030.6	NNW	10	-22	-22	-27	6
26	UNL	15		1010.5	C	00	-20	-20	-25	0
27	UNL	10		1027.5	NW	20	-26	-26	-32	0
28	000	00	BS	1007.4	SW	45	-05	-05	-09	10
29	UNL	15		1020.1	NW	15	-31	-31	-37	0
30	UNL	15		1012.7	WNW	08	-37			0
31	UNL	15		1016.8	NW	22	-31	-31	-37	0
AVG				1027.0		13	-33			02

MOULD BAY NWT JANUARY 1963 0500 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1021.0	C	00	-31	-31	-37	0
02	UNL	15		1025.5	C	00	-37			0
03	UNL	15		1026.7	NE	09	-32	-32	-38	0
04	UNL	15		1025.4	N	09	-37			0
05	UNL	15		1026.5	C	00	-33			5
06	UNL	15		1025.1	C	00	-34	-34	-40	0
07	UNL	15		1024.6	C	00	-37			0
08	UNL	15		1032.1	C	00	-35			0
09	UNL	15		1035.2	C	00	-38			0
10	UNL	15		1033.6	C	00	-45			1
11	060	01	BS	1021.4	S	20	-26	-26	-32	10
12	UNL	15		1028.6	C	00	-32			0
13	UNL	00	1/2BS	1033.7	NNW	25	-42			6
14	001	00	BS	1025.7	NW	45	-38			10
15	UNL	00	1/4BS	1018.3	NW	40	-37			3
16	UNL	00	1/2BS	1019.0	NW	35	-36			3
17	UNL	01	BS	1034.5	NW	30	-34	-34	-40	2
18	UNL	10		1022.9	SE	07	-23	-23	-29	0
19	UNL	15		1033.6	C	00	-40			0
20	UNL	15		1035.4	C	00	-44			0
21	UNL	03	BS	1052.2	N	25	-42			0
22	UNL	15		1052.1	NNW	07	-32	-32	-38	0
23	003	00	1/4BS	1032.1	W	45	-14	-14	-19	10
24	UNL	15		1027.9	NNW	20	-33	-33	-39	0
25	030	15		1028.9	C	00	-20	-20	-25	6
26	UNL	15		1007.1	C	00	-17	-17	-22	0
27	UNL	10		1030.7	NW	22	-26	-26	-32	0
28	002	00	1/8BS	1003.5	WSW	35	-02	-02	-06	10
29	UNL	15		1019.7	W	15	-33	-33	-39	2
30	UNL	15		1011.4	NW	16	-41			0
31	025	10		1017.7	NNW	20	-28	-28	-34	8
AVG				1026.8		14	-32			03

MOULD BAY NWT JANUARY 1963 0800 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1021.4	C	00	-30	-30	-36	0
02	UNL	15		1026.0	C	00	-37			0
03	UNL	15		1026.9	N	05	-31	-31	-37	0
04	UNL	15		1025.2	C	00	-37			0
05	UNL	15		1026.5	S	08	-31	-31	-37	0
06	UNL	15		1024.4	C	00	-36			0
07	UNL	15		1025.4	C	00	-39			0
08	UNL	15		1033.1	C	00	-35			0
09	UNL	15		1035.0	W	05	-38			0
10	UNL	15		1032.5	C	00	-43			0
11	060	02	BS	1021.1	S	15	-25	-25	-31	10
12	UNL	15		1029.4	C	00	-34			0
13	UNL	00	1/2BS	1033.9	NW	18	-41			8
14	000	00	BS	1022.3	NW	50	-34			10
15	UNL	00	1/4BS	1018.0	NW	40	-37			3
16	UNL	00	1/8BS	1020.8	NW	40	-34			6
17	UNL	03	BS	1035.6	NW	30	-33	-33	-39	2
18	010	06	S-	1021.4	C	00	-29	-29	-29	10
19	UNL	15		1033.2	C	00	-44			0
20	UNL	15		1036.8	NNE	10	-42			0
21	UNL	10		1053.3	C	00	-38			0
22	030	15		1050.0	NW	06	-26	-26	-32	8
23	UNL	10		1030.6	W	20	-15	-15	-20	0
24	UNL	15		1028.2	NW	18	-31	-31	-37	0
25	090	15		1026.3	C	00	-20	-20	-25	8
26	030	15		1004.9	C	00	-15	-15	-20	8
27	UNL	15		1032.1	NNW	15	-26	-26	-32	0
28	UNL	10		1004.6	NW	18	-03	-03	-07	3
29	UNL	15		1019.0	NW	18	-34	-34	-40	2
30	UNL	06	BS	1011.3	N	25	-46			0
31	025	10		1018.8	NNW	12	-27	-27	-33	10
AVG				1026.7		11	-32			09

MOULD BAY NWT JANUARY 1963 1100 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1021.7	C	00	-36			0
02	UNL	15		1026.9	C	00	-41			1
03	UNL	15		1026.8	C	00	-31	-31	-37	0
04	UNL	15		1025.1	C	00	-37			0
05	UNL	15		1026.4	SE	04	-33	-33	-39	2
06	UNL	15		1024.0	C	00	-35			0
07	UNL	15		1025.9	C	00	-39			0
08	UNL	15		1033.6	N	05	-35			0
09	UNL	15		1034.2	NE	03	-41			2
10	UNL	15		1031.7	E	03	-42			0
11	060	03	BS	1020.9	SSE	10	-24	-24	-30	10
12	UNL	15		1030.2	C	00	-33			1
13	UNL	00	1/2BS	1032.7	NNW	25	-40			9
14	UNL	00	BS	1022.1	NW	45	-32			9
15	UNL	00	1/2BS	1018.7	NW	35	-37			3
16	060	00	1/8BS	1022.6	NW	45	-34			6
17	UNL	10		1035.7	NW	25	-34	-34	-40	0
18	010	03	S-BS	1021.6	NE	15	-21	-21	-26	7
19	UNL	15		1033.2	C	00	-45			5
20	UNL	15		1038.6	NE	16	-39			4
21	UNL	10		1053.8	NNW	15	-38			0
22	015	15		1047.8	C	00	-29	-29	-29	10
23	015	10		1027.5	W	28	-17	-17	-22	9
24	030	15		1028.5	NW	12	-28	-28	-34	8
25	030	15		1024.2	NNW	08	-20	-20	-25	10
26	012	08	S-	1005.1	C	00	-13	-13	-18	10
27	UNL	15		1032.6	C	00	-21	-21	-26	1
28	UNL	01	BS	1007.6	NW	30	-14	-14	-19	2
29	UNL	06	IF	1018.6	NW	10	-35	-35	-41	3
30	030	03	IF	1011.6	NNW	12	-45			10
31	060	06	IF	1019.9	NNW	12	-26	-26	-32	6
AVG				1026.8		12	-32			04

MOULD BAY NWT JANUARY 1963 1400 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1022.2	C	00	-36			0
02	UNL	15		1026.9	C	00	-37			2
03	UNL	15		1026.5	C	00	-32	-39	-41	1
04	UNL	15		1025.8	C	00	-37			1
05	UNL	15		1026.4	C	00	-33	-33	-39	2
06	UNL	15		1024.2	C	00	-36			1
07	UNL	15		1027.0	C	00	-39			1
08	UNL	15		1034.0	C	00	-36			0
09	UNL	15		1034.2	C	00	-40			2
10	UNL	15		1030.4	C	00	-42			1
11	060	10		1021.5	SE	06	-26	-26	-32	8
12	UNL	15		1030.5	C	00	-31	-31	-37	1
13	UNL	00	1/2BS	1031.1	NW	30	-38			3
14	001	00	1/8BS	1020.4	NW	40	-30	-30	-36	10
15	UNL	00	1/2BS	1018.5	NW	32	-36			3
16	UNL	00	1/2BS	1026.3	NW	35	-32	-32	-38	4
17	UNL	10		1036.0	NW	20	-34	-34	-44	2
18	UNL	15		1023.4	NE	15	-27	-27	-33	1
19	060	15		1033.4	C	00	-43			7
20	UNL	15		1041.3	NE	22	-41			1
21	UNL	03	IF	1054.6	NNW	15	-43			1
22	UNL	08		1045.2	W	25	-22	-22	-27	5
23	040	15		1026.6	WNW	15	-19	-19	-24	8
24	030	03	BS	1030.3	NW	20	-28	-28	-34	8
25	090	10		1022.2	NNE	03	-20	-20	-25	10
26	020	04	S-	1008.0	NNW	15	-17	-17	-22	10
27	060	03	IF	1031.5	C	00	-22	-22	-27	9
28	UNL	00	1/2BS	1011.4	NW	25	-19	-19	-24	5
29	060	04	IF	1017.5	SW	04	-36			7
30	030	03	IF	1012.6	NNW	10	-45			6
31	UNL	03	IF	1021.1	N	15	-25	-25	-31	8
AVG				1027.1		11	-32			04

MOULD BAY NWT JANUARY 1963 1700 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1022.9	C	00	-39			0
02	UNL	15		1026.9	C	00	-38			2
03	UNL	15		1026.4	C	00	-27	-27	-31	1
04	UNL	15		1026.0	C	00	-40			0
05	UNL	15		1026.6	SE	13	-32	-32	-36	2
06	UNL	15		1024.1	C	00	-38			1
07	UNL	15		1027.8	C	00	-38			1
08	UNL	15		1034.9	C	00	-39			0
09	UNL	10		1034.2	C	00	-40			1
10	UNL	15		1028.6	SE	06	-41			1
11	UNL	15		1022.9	C	00	-28	-28	-34	0
12	UNL	15		1030.8	N	08	-33	-33	-39	0
13	UNL	00	1/2BS	1031.0	NW	30	-37			4
14	001	00	1/8BS	1020.4	NW	40	-33	-33	-39	10
15	UNL	00	1/2BS	1018.3	NW	32	-36			1
16	UNL	00	1/2BS	1028.8	NW	28	-33	-33	-39	2
17	UNL	10		1035.3	NNW	05	-28	-28	-36	5
18	UNL	15		1026.3	NE	13	-28	-28	-34	0
19	UNL	15		1033.4	C	00	-44			1
20	UNL	15		1044.8	N	15	-39			0
21	UNL	15		1055.4	NNW	10	-42			0
22	UNL	08		1042.3	WNW	30	-21	-21	-26	5
23	030	08		1026.0	NW	30	-20	-20	-25	10
24	UNL	03	BS	1032.1	NNW	15	-27	-27	-33	4
25	030	10		1020.3	NNW	05	-18	-18	-23	10
26	UNL	03	BS	1012.8	NNW	22	-17	-17	-22	3
27	040	08		1028.1	SSW	20	-11	-11	-16	10
28	UNL	02	BS	1014.1	NNE	12	-24	-24	-30	2
29	060	04	IF	1016.9	NW	10	-36			6
30	030	03	IF	1013.2	NNW	25	-39			9
31	050	03	IF	1022.4	N	02	-24	-24	-30	10
AVG				1027.9		12	-32			03

MOULD BAY NWT JANUARY 1963 2000 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1023.3	C	00	-38			0
02	UNL	15		1026.8	C	00	-35			1
03	UNL	15		1025.5	N	15	-30	-30	-36	3
04	UNL	15		1026.0	C	00	-36			0
05	UNL	15		1026.2	SE	10	-32	-32	-36	2
06	UNL	15		1023.8	C	00	-36			0
07	UNL	15		1028.7	C	00	-34			0
08	UNL	15		1034.6	C	00	-39			0
09	UNL	15		1033.6	NNW	08	-40			0
10	UNL	15		1026.9	SE	06	-37			2
11	UNL	15		1023.9	C	00	-27	-27	-33	0
12	UNL	15		1031.4	N	06	-36			0
13	UNL	00	1/2BS	1029.1	NW	30	-38			4
14	UNL	00	1/8BS	1019.1	NW	40	-35	-35	-41	3
15	UNL	00	1/2BS	1017.7	NW	35	-34	-34	-40	4
16	UNL	00	1/2BS	1030.4	NW	28	-34	-34	-40	2
17	UNL	10		1033.2	C	00	-27	-27	-35	5
18	UNL	15		1028.6	NE	07	-34	-34	-37	0
19	UNL	15		1033.4	C	00	-46			1
20	UNL	15		1047.1	N	15	-40			0
21	UNL	15		1055.6	NNW	10	-41			0
22	040	08		1040.0	W	20	-19	-19	-24	10
23	UNL	10		1025.1	N	18	-26	-26	-32	0
24	UNL	10		1032.2	N	10	-28	-28	-34	2
25	006	10		1017.1	C	00	-17	-17	-22	10
26	UNL	01	BS	1018.5	NNW	22	-21	-21	-26	4
27	100	08		1022.2	SW	30	-09	-09	-19	10
28	UNL	00	1/2BS	1016.3	NW	22	-28	-28	-35	4
29	UNL	04	IF	1015.8	NW	10	-36			3
30	010	03	IF	1014.9	NNW	25	-34			10
31	050	03	IF	1023.5	N	00	-24	-24	-30	10
AVG				1027.4		12	-32			03

MOULD BAY NWT JANUARY 1963 2300 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1023.6	C	00	-36			0
02	UNL	15		1026.4	C	00	-33			1
03	UNL	15		1024.8	N	18	-35	-35	-41	3
04	UNL	15		1026.5	C	00	-34			0
05	UNL	15		1025.5	SE	06	-32	-32	-38	0
06	UNL	15		1024.0	C	00	-35			0
07	UNL	15		1029.6	C	00	-35			0
08	UNL	15		1035.0	C	00	-38			2
09	UNL	10		1033.6	C	00	-43			0
10	001	00	1/2BS	1024.1	SSE	25	-30			10
11	UNL	15		1025.1	C	00	-35	-35	-41	0
12	UNL	06	BS	1032.1	NNW	22	-40			0
13	UNL	00	1/2BS	1027.1	NW	35	-38			4
14	UNL	00	1/4BS	1018.2	NW	40	-35	-35	-41	3
15	UNL	00	1/2BS	1017.0	NW	42	-33	-33	-39	1
16	UNL	00	1/2BS	1031.7	NW	28	-34	-34	-40	2
17	012	10		1029.6	C	00	-25	-25	-31	10
18	UNL	15		1031.2	N	07	-36			0
19	UNL	15		1033.4	C	00	-46			0
20	UNL	15		1049.1	N	20	-44			0
21	UNL	15		1054.7	NNW	05	-41			0
22	040	08		1038.2	WSW	10	-19	-19	-24	10
23	UNL	15		1026.1	NW	10	-30	-30	-36	0
24	UNL	15		1031.5	NNW	08	-25	-25	-31	0
25	UNL	10		1014.0	C	00	-18	-18	-23	0
26	UNL	00	1/2BS	1023.4	NNW	35	-24	-24	-30	4
27	000	00	BS	1014.5	SW	40	-09	-09	-19	10
28	UNL	00	1/2BS	1018.7	NW	22	-31	-31	-37	4
29	UNL	04	IF	1013.6	NE	03	-38			3
30	UNL	15		1015.8	NNW	15	-35			0
31	UNL	10		1025.2	NNE	07	-25	-25	-31	0
AVG				1027.2		13	-33			02

SYNOPTIC OBSERVATIONS

MOULD BAY

MOULD BAY NWT FEBRUARY 1963 0200 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1026.5	C	00	-27	-27	-39	2
02	UNL	15		1029.6	C	00	-37			0
03	UNL	15		1030.4	SE	05	-36			0
04	UNL	15		1014.7	NNW	08	-28	-28	-34	0
05	001	01	BS	987.5	W	30	-13	-13	-18	10
06	UNL	08		1029.2	S	16	-31	-31	-37	2
07	UNL	15		1031.1	C	00	-26	-26	-32	0
08	080	00	1/4S-BS	1016.2	SSE	28	-07	-07	-11	10
09	080	15		1025.3	C	00	-30	-30	-36	9
10	010	04	S-	1018.4	C	00	-09	-09	-19	10
11	UNL	03	IF BS	1034.1	N	25	-31	-31	-37	2
12	UNL	15		1040.6	SW	10	-28	-28	-34	4
13	UNL	15		1037.0	C	00	-38			0
14	UNL	15		1037.2	C	00	-38			0
15	UNL	08		1021.4	NW	07	-22	-22	-27	4
16	UNL	01	IF	1028.2	NNW	15	-39			4
17	UNL	15		1020.4	C	00	-35	-35	-41	0
18	UNL	15		1029.1	C	00	-36			0
19	UNL	15		1035.0	N	04	-32	-32	-38	0
20	UNL	15		1043.7	C	00	-26	-26	-32	0
21	UNL	15		1045.9	C	00	-31	-31	-37	0
22	UNL	15		1038.5	C	00	-26	-26	-32	0
23	UNL	15		1025.1	C	00	-28	-28	-34	0
24	UNL	08		1009.3	S	07	-13	-13	-18	3
25	UNL	01	BS	1018.1	W	10	-31	-31	-37	4
26	040	08		1022.4	NNW	20	-16	-16	-21	10
27	UNL	15		1022.6	NNW	05	-24	-24	-30	0
28	UNL	15		1021.6	C	00	-30	-30	-36	0
AVG				1026.2		07	-27			03

MOULD BAY NWT FEBRUARY 1963 0500 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1027.8	C	00	-29	-29	-35	2
02	UNL	15		1030.0	C	00	-36			0
03	UNL	15		1029.1	SE	10	-37			0
04	060	15		1012.4	NNW	15	-34	-34	-40	8
05	001	00	1/2BS	992.1	SW	30	-13	-13	-18	10
06	UNL	08		1026.3	S	05	-30	-30	-36	6
07	UNL	15		1030.2	C	00	-27	-27	-33	1
08	002	00	1/4S-BS	1013.3	S	18	-07	-07	-11	10
09	030	15		1029.9	C	00	-21	-21	-26	9
10	010	08		1017.9	NW	10	-07	-07	-11	10
11	UNL	15		1037.2	N	12	-34	-34	-40	0
12	030	15		1039.2	SE	04	-26	-26	-32	6
13	UNL	15		1037.0	N	10	-37			0
14	UNL	15		1036.1	C	00	-38			0
15	030	10		1021.1	NW	05	-23	-23	-29	9
16	030	02	IF	1028.4	C	00	-37			6
17	UNL	15		1021.6	C	00	-36			0
18	UNL	15		1029.4	C	00	-35			0
19	UNL	15		1036.4	C	00	-33	-33	-39	0
20	UNL	15		1044.5	C	00	-33	-33	-39	0
21	UNL	15		1045.3	C	00	-30	-30	-36	0
22	UNL	15		1037.4	C	00	-30	-30	-36	0
23	UNL	15		1023.0	C	00	-26	-26	-32	0
24	010	03	S-	1008.1	N	03	-11	-11	-16	10
25	UNL	03	BS	1019.5	NW	15	-33	-33	-39	4
26	040	08		1022.6	NNW	15	-17	-17	-22	8
27	UNL	15		1022.6	N	10	-25	-25	-31	0
28	UNL	15		1021.1	C	00	-33	-33	-39	0
AVG				1026.3		06	-28			04

MOULD BAY NWT FEBRUARY 1963 0800 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.1	C	00	-29	-29	-35	2
02	UNL	15		1030.3	C	00	-36			0
03	UNL	15		1027.2	C	00	-36			0
04	060	15		1010.2	C	00	-32	-32	-38	10
05	001	00	1/2BS	997.0	SW	30	-16	-16	-21	10
06	UNL	10		1028.1	SE	04	-30	-30	-36	3
07	UNL	15		1029.3	C	00	-26	-26	-32	7
08	080	02	BS	1012.8	SW	25	-07	-07	-11	7
09	030	15		1025.8	ENE	05	-18	-18	-23	10
10	015	08		1017.9	NW	22	-08	-08	-12	10
11	UNL	15		1039.6	NW	05	-36			0
12	080	15		1037.8	W	15	-23	-23	-29	6
13	UNL	15		1037.4	N	05	-36			0
14	UNL	15		1034.6	C	00	-37			2
15	030	15		1021.7	NNW	12	-28	-28	-34	6
16	UNL	10		1027.7	NW	10	-35	-35	-41	5
17	UNL	15		1022.7	C	00	-37			0
18	UNL	15		1029.8	C	00	-33			0
19	UNL	15		1037.4	NE	09	-30	-30	-36	1
20	UNL	15		1045.1	C	00	-35	-35	-41	0
21	UNL	15		1044.5	C	00	-31	-31	-37	0
22	UNL	15		1035.4	C	00	-34	-34	-40	0
23	UNL	15		1020.4	NE	04	-24	-24	-30	1
24	020	08		1007.4	NW	15	-15	-15	-20	8
25	UNL	03	IF	1021.4	NNW	05	-34	-34	-40	3
26	UNL	15		1022.4	N	05	-14	-14	-19	3
27	040	15		1022.5	C	00	-26	-26	-32	7
28	UNL	15		1021.0	C	00	-35	-35	-41	0
AVG				1026.3		06	-28			04

MOULD BAY NWT FEBRUARY 1963 1100 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.5	NW	06	-29	-29	-35	4
02	UNL	15		1030.3	C	00	-36			0
03	UNL	15		1024.5	C	00	-36			1
04	006	00	1/2S-IF	1007.0	C	00	-30	-30	-36	10
05	004	00	1/2BS	1003.3	S	24	-18	-18	-23	10
06	UNL	15		1029.4	S	20	-29	-29	-35	4
07	030	15		1029.3	C	00	-23	-23	-29	10
08	UNL	04	IF	1014.3	SE	12	-16	-16	-21	2
09	030	15		1027.0	C	00	-18	-18	-23	9
10	006	02	IF	1019.1	NNW	20	-11	-11	-16	10
11	UNL	06	IF	1041.2	C	00	-38			2
12	060	04	IF	1036.7	WNW	20	-24	-24	-30	9
13	UNL	10		1037.6	C	00	-42			0
14	003	00	1/2IF	1032.7	C	00	-33	-33	-39	10
15	UNL	06	IF	1023.0	N	15	-30	-30	-36	4
16	060	10		1025.7	C	00	-34	-34	-40	7
17	UNL	15		1023.6	C	00	-37			0
18	UNL	15		1030.6	C	00	-35			0
19	UNL	15		1038.3	C	00	-30	-30	-36	2
20	UNL	15		1045.9	C	00	-32			0
21	UNL	15		1043.6	C	00	-27	-27	-33	0
22	UNL	15		1034.4	C	00	-31	-31	-37	4
23	060	15		1018.3	ESE	05	-25	-23	-29	6
24	030	03	BS	1008.0	NW	10	-19	-19	-24	8
25	UNL	10		1022.4	NNW	10	-33	-33	-39	0
26	050	15		1022.1	NW	20	-17	-17	-22	7
27	010	10		1022.5	C	00	-24	-24	-30	10
28	UNL	15		1020.3	C	00	-34	-34	-40	0
AVG				1026.5		06	-28			05

MOULD BAY NWT FEBRUARY 1963 1400 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	200	15		1030.1	N	03	-30	-30	-36	7
02	UNL	15		1031.3	C	00	-39			0
03	UNL	15		1022.2	C	00	-39			1
04	009	00	1/2S-IF	1003.1	N	12	-29	-29	-31	10
05	010	00	1/4BS	1008.0	S	35	-20	-20	-25	10
06	080	15		1031.5	S	10	-28	-28	-34	9
07	030	03	BS	1027.3	ESE	30	-13	-13	-18	10
08	030	04	IF	1017.4	WSW	20	-20	-20	-25	8
09	030	10		1026.1	SE	12	-13	-13	-18	10
10	010	02	IF	1021.5	NNW	25	-14	-14	-19	10
11	UNL	06	IF	1042.3	C	00	-41			2
12	060	04	IF	1037.5	NW	18	-28	-28	-34	9
13	UNL	15		1038.2	N	03	-35			0
14	010	00	1/2IF	1031.1	C	00	-26	-26	-32	10
15	UNL	01	IF	1024.8	N	20	-34	-34	-40	5
16	060	03	IF	1023.9	E	04	-34	-34	-40	8
17	UNL	15		1025.0	C	00	-34	-34	-40	0
18	UNL	15		1031.1	C	00	-33	-33	-39	0
19	UNL	15		1039.1	C	00	-31	-31	-37	0
20	UNL	15		1045.6	C	00	-29	-29	-35	0
21	UNL	15		1042.6	C	00	-28	-28	-34	0
22	UNL	15		1033.1	C	00	-25	-25	-31	2
23	040	15		1016.8	SE	07	-18	-18	-23	9
24	120	03	IF	1009.0	NW	20	-21	-21	-26	7
25	UNL	06	IF	1023.1	NNW	12	-30	-30	-36	3
26	UNL	15		1022.4	NW	05	-19	-19	-24	4
27	UNL	15		1022.6	C	00	-21	-21	-26	0
28	UNL	15		1019.9	C	00	-31	-31	-37	0
AVG				1026.7		08	-27	-27	-34	05

MOULD BAY NWT FEBRUARY 1963 1700 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	030	10		1029.8	NNW	09	-32	-32	-38	9
02	UNL	03	IF	1032.0	SSE	10	-38			2
03	UNL	15		1020.2	C	00	-42			1
04	003	00	1/4S-BS	997.0	NW	35	-22	-22	-27	10
05	010	00	1/4BS	1012.6	S	32	-25	-25	-31	10
06	080	15		1031.3	NW	04	-29	-29	-35	7
07	030	00	1/2BS	1024.8	ESE	28	-10	-10	-15	10
08	UNL	10		1019.4	S	03	-24	-24	-30	0
09	030	10		1024.9	S	06	-12	-12	-17	10
10	030	02	IF	1024.3	NNW	25	-23	-23	-29	6
11	UNL	15		1042.8	C	00	-39			0
12	020	04	IF	1037.3	C	00	-30	-30	-36	10
13	UNL	15		1038.1	C	00	-36			0
14	030	09	IF	1028.2	S	05	-25	-25	-31	9
15	UNL	01	IF	1026.6	NNW	15	-39			4
16	060	02	IF	1021.0	N	02	-28	-28	-34	10
17	UNL	15		1026.2	C	00	-38			0
18	UNL	15		1032.1	C	00	-30	-30	-36	1
19	UNL	15		1040.5	C	00	-32	-32	-38	1
20	UNL	15		1046.0	C	00	-26	-26	-32	0
21	UNL	15		1041.7	C	00	-27	-27	-33	0
22	UNL	15		1031.6	C	00	-22	-22	-27	2
23	012	08		1014.8	S	10	-15	-15	-20	10
24	UNL	00	1/2IF BS	1010.8	NW	30	-26	-26	-32	3
25	UNL	10		1023.0	NW	15	-22	-22	-27	1
26	090	08		1022.4	C	00	-14	-14	-19	10
27	UNL	15		1022.6	C	00	-25	-25	-31	0
28	UNL	15		1018.8	C	00	-30	-30	-36	0
AVG				1026.5		08	-27			05

MOULD BAY NWT FEBRUARY 1963 2000 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1030.1	C	00	-34	-34	-40	2
02	UNL	10		1032.1	SSE	10	-39			0
03	UNL	15		1018.2	N	02	-35			0
04	005	00	1/2BS	990.3	WNW	30	-19	-19	-24	10
05	UNL	00	1/4BS	1016.6	S	28	-28	-28	-34	9
06	UNL	15		1030.9	C	00	-30	-30	-36	3
07	005	00	1/4BS	1021.8	ESE	22	-09	-09	-13	10
08	UNL	15		1021.2	ENE	04	-26	-26	-32	0
09	030	10		1022.1	C	00	-10	-10	-15	10
10	UNL	02	IF	1028.0	N	15	-27	-27	-33	2
11	UNL	15		1042.6	C	00	-39			0
12	UNL	04	IF	1036.9	NNE	07	-33	-33	-39	3
13	UNL	15		1038.0	NE	02	-39			0
14	UNL	03	IF	1024.6	S	13	-24	-24	-30	6
15	UNL	02	IF	1028.0	N	15	-40			3
16	010	01	S-IF	1020.1	E	05	-28	-28	-34	10
17	UNL	15		1027.1	C	00	-39			0
18	UNL	15		1032.8	NNW	12	-31	-31	-37	2
19	UNL	15		1041.4	C	00	-28	-28	-34	1
20	UNL	15		1046.1	C	00	-27	-27	-33	0
21	UNL	15		1040.4	C	00	-23	-23	-29	0
22	UNL	15		1029.1	C	00	-23	-23	-29	1
23	012	08		1012.4	S	04	-14	-14	-19	10
24	UNL	00	1/2IF BS	1012.9	NNW	24	-28	-28	-34	3
25	UNL	10		1022.6	N	15	-20	-20	-25	1
26	UNL	15		1022.1	NW	07	-13	-13	-18	2
27	UNL	15		1022.1	C	00	-31	-31	-37	0
28	UNL	15		1017.9	C	00	-34	-34	-40	0
AVG				1026.0		08	-28			03

MOULD BAY NWT FEBRUARY 1963 2300 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.6	C	00	-35			5
02	UNL	15		1031.2	SSE	10	-38			0
03	UNL	15		1016.3	C	00	-35			10
04	UNL	00	1/2BS	986.4	WNW	28	-12	-12	-17	9
05	UNL	00	3/4BS	1020.6	S	28	-30	-30	-36	6
06	UNL	15		1031.2	C	00	-29	-29	-35	0
07	005	00	1/4S-BS	1019.5	SSE	25	-04	-04	-08	10
08	UNL	15		1022.8	N	04	-25	-25	-31	0
09	005	03	S-	1020.0	W	03	-10	-10	-15	10
10	UNL	03	IF BS	1030.8	NNW	30	-28	-28	-34	2
11	UNL	03	IF	1041.5	C	00	-38			3
12	UNL	08		1036.9	NNW	04	-35	-35	-41	0
13	UNL	15		1037.5	C	00	-39			0
14	UNL	08		1022.7	SW	04	-24	-24	-30	0
15	UNL	02	IF	1028.7	N	15	-41			3
16	UNL	10		1019.9	ENE	05	-30	-30	-36	0
17	UNL	15		1027.6	C	00	-39			0
18	UNL	15		1039.2	NW	14	-31	-31	-37	3
19	UNL	15		1042.2	N	06	-28	-28	-34	0
20	UNL	15		1046.0	C	00	-28	-28	-34	0
21	UNL	15		1039.4	C	00	-29	-29	-35	0
22	UNL	15		1026.9	C	00	-22	-22	-27	1
23	012	06	S-	1010.5	S	15	-12	-12	-17	10
24	UNL	03	BS	1015.1	NNW	18	-30	-30	-36	0
25	030	10		1022.3	NNW	20	-17	-17	-22	8
26	UNL	15		1022.1	NW	12	-20	-20	-25	0
27	UNL	15		1021.7	C	00	-33	-33	-39	0
28	UNL	15		1016.6	C	00	-35	-35	-41	0
AVG				1025.7		09	-28			03

SYNOPTIC OBSERVATIONS

MOULD BAY

MOULD BAY NWT — MARCH 1963 — 0200 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1015.5	C	00	-37			0
02	150	15		1011.9	C	00	-36			10
03	UNL	15		1003.4	C	00	-32	-32	-38	4
04	UNL	15		1007.8	C	00	-47			0
05	060	03	IF	1010.9	NW	09	-42			9
06	UNL	03	IF	1018.9	NW	13	-40			3
07	UNL	15		1020.1	C	00	-42			1
08	UNL	08		1015.4	WNW	13	-39			0
09	UNL	08		1006.3	C	00	-31	-31	-37	4
10	UNL	03	IF	1012.8	N	05	-37			3
11	UNL	15		1026.1	C	00	-50			0
12	UNL	15		1033.2	C	00	-46			3
13	UNL	15		1031.7	NE	03	-39			0
14	UNL	15		1027.4	SW	10	-31	-31	-37	0
15	012	01	S-IF BS	1016.2	S	15	-27	-27	-33	10
16	005	00	1/2BS	1010.5	S	25	-24	-24	-30	10
17	003	00	1/2IF BS	996.7	SE	22	-20	-20	-25	10
18	UNL	08		1000.7	NNW	08	-33	-33	-39	0
19	UNL	15		1016.6	N	13	-36			0
20	UNL	15		1031.2	N	08	-29	-29	-35	0
21	UNL	15		1033.1	C	00	-34	-34	-40	0
22	UNL	15		1027.7	C	00	-37			0
23	UNL	15		1027.0	NW	03	-38			0
24	UNL	06	IF	1016.4	N	05	-33	-33	-39	1
25	UNL	01	IF	1018.6	NNW	20	-37			1
26	UNL	06	IF	1012.2	NNW	08	-35			4
27	060	10		1006.1	NE	15	-30	-30	-36	6
28	UNL	15		1020.4	NE	03	-41			0
29	UNL	15		1021.3	C	00	-33	-33	-39	1
30	UNL	10		1011.5	C	00	-30	-30	-36	1
31	UNL	08		1013.4	C	00	-31	-31	-37	0
AVG				1016.8		06	-36			03

MOULD BAY NWT — MARCH 1963 — 0500 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1014.7	C	00	-39			0
02	UNL	15		1010.7	C	00	-37			4
03	150	15	S-	1002.9	C	00	-31	-31	-37	10
04	UNL	15		1008.2	C	00	-49			0
05	060	03	IF	1011.5	NNW	08	-39			10
06	UNL	08		1020.1	N	08	-42			1
07	UNL	15		1018.5	C	00	-40			7
08	UNL	15		1015.5	C	00	-42			1
09	UNL	15		1005.4	C	00	-36			0
10	UNL	03	IF	1013.6	C	00	-53			8
11	UNL	15		1027.7	C	00	-50			0
12	UNL	15		1039.2	C	00	-45			3
13	UNL	15		1031.9	NNW	10	-37			1
14	UNL	10		1029.3	SW	08	-30	-30	-36	4
15	008	01	S-BS	1019.2	S	25	-26	-26	-32	10
16	040	01	BS	1010.5	S	15	-26	-26	-32	7
17	002	00	1/4BS	994.1	SE	35	-19	-19	-24	10
18	UNL	08		1002.4	C	00	-33	-33	-39	1
19	UNL	10		1018.4	ENE	10	-30	-30	-36	1
20	UNL	15		1032.1	C	00	-28	-28	-34	0
21	UNL	15		1032.7	C	00	-39			0
22	UNL	12		1027.1	N	10	-36			0
23	UNL	15		1025.7	NNW	10	-39			2
24	060	01	IF	1015.6	NNW	10	-34	-34	-40	6
25	060	00	1/2IF	1018.8	NNW	20	-39			9
26	UNL	01	IF	1010.5	NW	08	-38			3
27	030	06	IF	1007.2	NE	10	-27	-27	-33	10
28	UNL	15		1022.1	C	00	-40			0
29	UNL	15		1020.0	C	00	-30	-30	-36	2
30	UNL	10		1011.6	C	00	-31	-31	-37	2
31	020	06	IF	1012.1	C	00	-32	-32	-38	10
AVG				1016.6		06	-36			04

MOULD BAY NWT — MARCH 1963 — 0800 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1014.2	C	00	-38			0
02	150	15		1009.7	C	00	-36			10
03	150	08		1002.9	E	02	-34	-34	-40	10
04	UNL	10		1008.6	C	00	-48			0
05	UNL	03	IF	1011.7	N	02	-38			4
06	UNL	08		1020.3	N	05	-42			1
07	UNL	15		1016.9	C	00	-42			8
08	040	04	IF	1014.7	C	00	-36			10
09	UNL	08		1005.2	N	08	-45			1
10	UNL	01	IF	1014.4	C	00	-31			9
11	UNL	08		1029.3	C	00	-39			0
12	150	15		1039.2	C	00	-46			6
13	UNL	06	IF	1031.7	NNE	02	-40			4
14	080	02	IF	1023.2	SSE	12	-33	-33	-39	10
15	008	01	BS	1014.7	S	25	-27	-27	-33	10
16	040	01	IF BS	1009.4	S	18	-29	-29	-35	7
17	UNL	00	1/4BS	992.9	SE	30	-20	-20	-25	9
18	030	12		1004.4	C	00	-37			6
19	UNL	10		1020.3	NNE	13	-28	-28	-34	1
20	UNL	15		1039.1	C	00	-37			0
21	UNL	10		1032.3	C	00	-40			0
22	UNL	12		1026.8	NNW	04	-36			0
23	080	06	IF	1024.5	NNW	12	-38			8
24	UNL	02	IF	1015.2	N	15	-35			9
25	060	00	1/2IF	1019.2	WSW	10	-37			9
26	040	02	IF BS	1007.4	NNW	20	-37			8
27	UNL	10		1008.4	NNE	12	-30	-30	-36	2
28	UNL	15		1022.7	C	00	-49			0
29	080	06	IF	1017.3	W	20	-28	-28	-33	8
30	UNL	15		1012.1	C	00	-32	-32	-38	0
31	020	01	S-IF	1010.7	NW	05	-24	-24	-30	10
AVG				1016.4		07	-37			05

MOULD BAY NWT — MARCH 1963 — 1100 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1013.5	C	00	-31	-31	-37	1
02	150	15		1008.0	C	00	-31	-31	-37	8
03	080	04	S-	1003.0	C	00	-33	-33	-39	10
04	UNL	10		1008.9	C	00	-48			0
05	UNL	03	IF	1012.5	N	04	-39			3
06	UNL	15		1020.5	C	00	-41			0
07	060	10		1014.9	C	00	-39			6
08	040	15		1019.7	S	08	-36			9
09	UNL	01	IF	1005.8	NNW	20	-49			4
10	UNL	01	IF	1015.8	C	00	-47			9
11	UNL	08		1030.3	C	00	-49			0
12	150	15		1032.8	C	00	-43			6
13	150	15		1031.8	C	00	-42			6
14	040	08		1021.0	S	14	-26	-26	-32	10
15	015	01	BS	1014.6	S	20	-28	-28	-34	10
16	150	01	IF	1008.1	S	20	-28	-28	-34	7
17	UNL	00	1/4BS	992.5	SE	30	-20	-20	-25	5
18	UNL	15		1006.2	C	00	-38			0
19	UNL	15		1022.2	N	13	-28	-28	-34	0
20	UNL	15		1035.6	C	00	-35			0
21	UNL	15		1031.4	C	00	-36			0
22	UNL	15		1026.6	C	00	-31	-31	-37	0
23	080	10		1022.7	N	10	-36			8
24	UNL	04	IF	1015.3	NW	12	-36			2
25	UNL	02	IF	1018.5	NNW	10	-36			4
26	UNL	04	IF	1005.6	NNW	18	-28	-28	-34	5
27	UNL	15		1010.4	ENE	12	-28	-28	-34	0
28	UNL	15		1023.1	C	00	-40			0
29	080	04	IF	1015.8	W	15	-26	-26	-32	8
30	UNL	15		1012.7	C	00	-33	-33	-39	0
31	030	04	IF	1009.3	WNW	15	-19	-19	-24	8
AVG				1016.2		07	-35			04

MOULD BAY NWT — MARCH 1963 — 1400 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	150	15		1013.5	C	00	-32	-32	-38	6
02	150	10		1006.8	C	00	-27	-27	-33	8
03	150	10		1003.2	C	00	-33	-33	-39	7
04	UNL	15		1009.5	C	00	-42			0
05	UNL	03	IF	1013.8	NNW	06	-38			4
06	UNL	15		1021.3	C	00	-39			0
07	UNL	15		1014.1	C	00	-34	-34	-40	2
08	UNL	06	IF	1012.3	S	15	-34	-34	-40	4
09	UNL	01	IF	1007.6	N	12	-52			4
10	UNL	02	IF	1017.7	C	00	-45			3
11	UNL	10		1031.2	C	00	-45			2
12	UNL	15		1032.5	C	00	-37			0
13	UNL	15		1031.6	C	00	-38			0
14	012	00	1/2IF	1019.4	S	12	-24	-24	-30	10
15	008	00	1/2IF BS	1013.3	S	30	-26	-26	-32	10
16	UNL	01	IF	1006.9	ESE	18	-26	-26	-32	5
17	UNL	05	BS	993.3	SE	18	-19	-19	-24	2
18	UNL	15		1008.2	C	00	-30	-30	-36	4
19	UNL	15		1024.4	N	12	-25	-25	-31	0
20	UNL	15		1033.6	C	00	-29	-29	-35	0
21	UNL	15		1030.7	C	00	-30	-30	-36	0
22	UNL	15		1026.6	NW	04	-29	-29	-35	0
23	UNL	15		1021.0	NNW	07	-32	-32	-38	4
24	UNL	03	IF	1015.7	NW	15	-33	-33	-39	2
25	UNL	02	IF	1017.9	NW	12	-33	-33	-39	3
26	012	02	IF	1004.5	NNE	15	-23	-23	-29	10
27	UNL	15		1012.2	C	00	-26	-26	-32	0
28	UNL	15		1029.4	C	00	-30	-30	-36	0
29	UNL	06	IF	1014.4	W	19	-25	-25	-31	5
30	UNL	15		1013.3	C	00	-26	-26	-32	0
31	030	04	IF	1009.1	NW	13	-16	-16	-21	10
AVG				1016.2		07	-32			03

MOULD BAY NWT — MARCH 1963 — 1700 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1013.5	C	00	-36			2
02	UNL	05	IF	1005.8	C	00	-28	-28	-34	4
03	UNL	10		1003.8	C	00	-32	-32	-38	2
04	UNL	15		1010.2	C	00	-44			0
05	UNL	03	IF	1015.6	NW	04	-37			4
06	UNL	15		1021.7	C	00	-40			0
07	UNL	15		1019.5	C	00	-31	-31	-37	0
08	UNL	10		1011.1	S	12	-34	-34	-40	2
09	UNL	02	IF	1009.6	N	03	-50			2
10	UNL	10		1019.8	N	05	-46			2
11	UNL	15		1032.1	C	00	-46			1
12	UNL	15		1032.3	C	00	-40			0
13	UNL	01	IF	1031.9	C	00	-35			7
14	004	00	1/2IF BS	1017.7	SW	25	-21	-21	-26	10
15	012	00	1/2IF BS	1013.1	S	20	-25	-25	-31	10
16	003	00	1/4IF BS	1005.1	S	30	-25	-25	-31	10
17	UNL	10		995.7	C	00	-26	-26	-32	1
18	UNL	15		1010.0	NE	16	-26	-26	-32	0
19	UNL	15		1026.0	N	10	-25	-25	-31	0
20	UNL	15		1033.9	C	00	-26	-26	-32	0
21	UNL	15		1029.6	C	00	-30	-30	-36	0
22	UNL	15		1026.6	NW	05	-32	-32	-38	0
23	UNL	10		1018.9	NNW	22	-30	-30	-36	2
24	UNL	00	1/4IF BS	1015.5	NW	28	-33	-33	-39	3
25	UNL	04	IF	1016.7	NW	12	-32	-32	-38	3
26	020	06	IF	1004.5	N	15	-24	-24	-30	9
27	UNL	15		1014.5	C	00	-27	-27	-33	0
28	UNL	15		1023.1	C	00	-30	-30	-36	0
29	UNL	10		1013.0	WSW	15	-24	-24	-30	4
30	UNL	15		1013.9	C	00	-23	-23	-29	2
31	080	10		1008.5	WNW	10	-17	-17	-22	8
AVG				1016.3		07	-32			03

MOULD BAY NWT — MARCH 1963 — 2000 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1013.1	C	00	-34	-34	-40	1
02	UNL	05	S-IF	1005.1	C	00	-29	-29	-35	5
03	UNL	15		1004.8	NNE	04	-36			0
04	UNL	05	IF	1010.7	NNW	10	-44			2
05	UNL	03	IF	1016.6	N	08	-38			3
06	UNL	15		1021.2	C	00	-42			0
07	UNL	05	IF	1013.6	C	00	-35	-35	-41	2
08	UNL	10		1009.7	S	10	-32	-32	-38	3
09	UNL	02	IF	1010.4	NW	15	-49			4
10	UNL	15		1022.0	C	00	-48			0
11	UNL	15		1032.6	C	00	-44			1
12	UNL	15		1032.2	C	00	-38			0
13	UNL	04	IF	1030.5	C	00	-39			7
14	010	05	IF	1017.0	SW	20	-22	-22	-27	10
15	002	00	1/8IF BS	1011.5	S	40	-26	-26	-32	10
16	003	00	1/4IF BS	1002.3	S	32	-24	-24	-30	10
17	UNL	08		997.6	C	00	-31	-31	-37	1
18	UNL	15		1012.5	NNE	15	-30	-30	-36	0
19	UNL	15		1027.8	N	13	-28	-28	-34	0
20	UNL	15		1033.6	C	00	-29	-29	-35	0
21	UNL	15		1028.8	C	00	-27	-27	-33	0
22	UNL	10		1026.8	NNW	12	-35	-35	-41	0
23	UNL	06	IF	1018.0	NNW	08	-31	-31	-37	2
24	UNL	02	IF BS	1017.3	NW	24	-33	-33	-39	3
25	UNL	04	IF	1013.5	NW	18	-33	-33	-39	6
26	UNL	10		1004.6	NNE	10	-25	-25	-31	4
27	UNL	15		1016.5	NE	04	-30	-30	-36	0
28	UNL	15		1022.7	C	00	-31	-31	-37	1
29	UNL	10		1012.1	W	16	-25	-25	-31	3
30	UNL	06	IF	1014.1	NNW	08	-28	-28	-34	2
31	060	08		1008.1	NW	08	-22	-22	-27	8
AVG				1016.4		09	-33			03

MOULD BAY NWT — MARCH 1963 — 2300 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1012.7	C	00	-38			0
02	UNL	10		1004.0	C	00	-30	-30	-36	5
03	UNL	15		1005.6	NE	03	-40			0
04	UNL	05	IF	1010.5	NW	07	-40			4
05	UNL	03	IF	1017.4	N	08	-39			4
06	UNL	10		1020.5	C	00	-43			0
07	UNL	03	IF	1014.4	N	08	-39			2
08	UNL	06	IF	1007.6	S	10	-32	-32	-38	3
09	UNL	02	IF	1011.7	N	05	-50			3
10	UNL	15		1029.9	C	00	-47			0
11	UNL	15		1032.8	C	00	-46			1
12	UNL	15		1031.6	N	06	-38			0
13	UNL	10		1029.0	C	00	-36			0
14	012	04	IF	1016.1	S	20	-26	-26	-32	10
15	002	00	1/8IF BS	1011.2	S	30	-29	-29	-35	10
16	003	00	1/4IF BS	999.2	ESE	30	-22	-22	-27	10
17	UNL	08		999.1	C	00	-32	-32	-38	0
18	UNL	15		1014.4	NE	13	-32	-32	-38	0
19	UNL	15		1029.5	N	13	-29	-29	-35	0
20	UNL	15		1033.5	C	00	-34	-34	-40	0
21	UNL	15		1027.9	C	00	-39	-39	-39	0
22	UNL	15		1026.6	N	03	-39	-35	-41	0
23	UNL	06	IF	1016.4	NW	22	-32	-32	-38	2
24	UNL	04	IF	1017.9	N	10	-35	-35	-41	2
25	UNL	06	IF	1013.9	NW	10	-34	-34	-40	2
26	UNL	10		1003.2	N	07	-29	-29	-35	3
27	UNL	15		1018.6	C	00	-35	-35	-39	0
28	UNL	15		1022.2	C	00	-32	-32	-38	1
29	UNL	10		1011.5	NW	06	-27	-27	-33	4
30	UNL	06	IF	1013.5	C	00	-30	-30	-36	1
31	060	08		1008.3	NW	13	-26	-26	-32	7
AVG				1016.3		07	-34			02

SYNOPTIC OBSERVATIONS

MOULD BAY

MOULD BAY NWT — APRIL 1963 0200 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	030	04	IF	1008.4	NW	08	-26	-26	-32	9
02	UNL	10		1010.9	C	00	-30	-30	-36	0
03	012	04	IF	1006.5	C	00	-21	-21	-26	10
04	UNL	08		1006.3	NE	12	-33	-33	-39	2
05	UNL	06	IF	1011.3	NNW	12	-38			2
06	060	01	IF BS	1009.2	S	24	-24	-24	-30	10
07	060	04	IF	1009.8	NNE	03	-16	-16	-21	10
08	012	05	IF	1021.7	SE	11	-03	-03	-06	10
09	020	04	IF BS	1015.7	S	30	08	08	05	9
10	UNL	08		1019.9	SE	12	03	03	00	2
11	030	10		1017.4	SSE	12	13	13	10	10
12	UNL	10		1027.8	C	00	00	00	-04	0
13	UNL	15		1021.3	ENE	12	-01	-01	-05	0
14	UNL	15		1016.7	S	13	01	01	-02	1
15	012	00	3/4IF	1028.8	C	00	-04	-04	-07	10
16	UNL	00	1/2IF	1032.9	C	00	-05	-04	-08	8
17	UNL	15		1025.6	C	00	-06	-06	-10	2
18	080	12		1026.2	SSE	10	04	04	01	9
19	UNL	15		1030.0	S	08	02	02	-03	1
20	015	06	S-	1029.3	SW	08	11	11	08	9
21	UNL	04	IF	1021.2	NW	08	-05	-05	-10	5
22	UNL	10		1021.9	N	03	-13	-13	-19	7
23	UNL	08		1020.1	ENE	24	-09	-10	-16	0
24	UNL	10		1015.4	NE	24	-04	-04	-10	3
25	UNL	15		1020.2	ENE	04	-02	-02	-07	0
26	UNL	03	IF	1025.0	NW	04	00	00	-04	4
27	UNL	10		1028.1	NNW	08	-01	-01	-05	1
28	UNL	12		1033.3	NW	05	02	02	-02	1
29	UNL	15		1037.1	ENE	15	-03	-03	-09	1
30	UNL	15		1033.9	C	00	00	00	-05	0
AVG				1020.7		09	-07	-07	-11	05

MOULD BAY NWT — APRIL 1963 0500 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	020	03	IF	1009.1	NNW	08	-28	-28	-34	10
02	UNL	10		1011.5	C	00	-30	-30	-36	0
03	020	04	IF	1005.0	NW	18	-22	-22	-27	10
04	UNL	08		1007.1	N	16	-35			0
05	UNL	06	IF	1012.0	N	08	-38			3
06	005	00	3/8IF BS	1007.8	S	30	-23	-23	-29	10
07	UNL	04	IF	1011.9	N	10	-21	-21	-26	4
08	012	04	S-IF	1021.1	S	07	02	02	-02	10
09	060	08		1015.7	S	15	03	03	00	8
10	030	08		1013.8	S	14	05	05	02	8
11	030	10		1016.8	SE	08	10	10	07	10
12	UNL	15		1028.5	N	05	-02	-02	-07	1
13	UNL	15		1019.8	N	03	-03	-03	-07	0
14	030	10		1018.2	C	00	00	00	-03	9
15	UNL	06	IF	1030.1	C	00	-09	-08	-12	1
16	002	00	1/4IF	1032.5	NNE	03	-02	-02	-05	10
17	060	15		1024.5	C	00	-04	-04	-09	6
18	080	15		1027.9	S	05	04	04	00	8
19	UNL	15		1029.6	S	20	-02	-02	-06	0
20	060	15		1024.8	C	00	08	08	04	8
21	015	08		1021.8	NW	04	-05	-05	-10	10
22	060	03	IF	1021.8	C	00	-14	-14	-21	9
23	UNL	08		1018.9	ENE	28	-07	-07	-13	0
24	UNL	15		1015.6	NE	16	-04	-05	-10	6
25	UNL	15		1020.7	N	06	-06	-06	-11	0
26	030	10		1023.7	NW	08	-06	-06	-11	9
27	UNL	10		1028.3	NNW	08	-01	-01	-05	5
28	030	15		1034.0	NE	06	-01	-01	-05	9
29	UNL	15		1037.0	W	07	-05	-06	-11	0
30	UNL	15		1032.9	C	00	-04	-04	-10	0
AVG				1020.7		08	-08	-08	-12	06

MOULD BAY NWT — APRIL 1963 0800 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	020	03	IF	1008.6	NW	05	-27	-27	-33	8
02	UNL	15		1011.5	C	00	-33	-33	-39	0
03	080	06	IF	1004.4	NW	16	-27	-27	-33	6
04	UNL	06	IF	1007.5	N	16	-36			1
05	UNL	06	IF	1012.2	C	00	-36			8
06	002	00	1/8IF BS	1006.8	S	38	-21	-21	-26	10
07	UNL	15		1014.0	N	05	-21	-21	-26	0
08	012	03	IF BS	1020.2	S	25	10	10	07	10
09	060	08		1014.9	SSE	25	05	05	02	8
10	030	10		1013.8	S	22	06	06	03	9
11	020	04	IF BS	1016.7	S	32	13	13	10	10
12	010	00	1/4S-IF	1028.7	NE	03	01	01	-03	10
13	030	15		1019.1	W	03	-01	-01	-04	10
14	060	15		1020.2	S	10	04	04	01	8
15	012	01	IF	1031.0	C	00	-08	-08	-11	10
16	UNL	06	IF	1031.8	NNE	08	00	00	-02	4
17	UNL	15		1029.5	C	00	-01	-01	-05	7
18	150	15		1029.0	SE	08	05	05	01	8
19	010	02	IF	1029.5	S	08	03	03	-01	10
20	060	10	S-	1023.7	C	00	08	08	04	8
21	UNL	15		1021.9	NNW	05	-05	-05	-11	0
22	UNL	10		1021.9	C	00	-10	-10	-16	3
23	UNL	08		1019.1	NE	20	-06	-06	-11	0
24	UNL	10		1016.5	NE	16	-05	-05	-10	6
25	UNL	15		1021.3	C	00	-08	-08	-13	0
26	004	00	1/4IF	1024.1	NNW	04	-04	-04	-09	10
27	UNL	10		1028.3	C	00	01	01	-03	5
28	UNL	15		1033.0	N	07	-02	-02	-07	2
29	UNL	15		1036.9	C	00	-01	-01	-05	0
30	UNL	15		1032.1	C	00	-05	-05	-10	0
AVG				1020.8		09	-07	-07	-11	06

MOULD BAY NWT — APRIL 1963 1100 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	150	03	IF	1008.9	C	00	-16	-16	-21	8
02	UNL	15		1011.7	NNW	03	-29	-29	-35	7
03	UNL	04	IF	1004.5	NW	14	-27	-27	-33	3
04	UNL	02	IF	1008.0	NNW	18	-40			1
05	UNL	10		1012.4	C	00	-33	-33	-39	6
06	004	00	1/8IF BS	1006.4	S	35	-18	-18	-23	10
07	UNL	10		1016.7	C	00	-20	-20	-25	0
08	020	03	IF	1020.2	S	15	11	11	08	10
09	060	06	IF BS	1014.8	S	32	07	07	04	9
10	030	10		1015.6	S	08	07	07	04	6
11	050	00	1/4BS	1016.8	S	30	11	11	08	8
12	UNL	15		1028.2	NE	03	04	04	00	6
13	030	15		1017.9	C	00	06	06	02	10
14	UNL	15		1021.6	S	17	04	04	00	3
15	UNL	00	1/2IF	1031.9	C	00	-05	-05	-08	6
16	008	00	1/2IF	1030.2	C	00	03	03	00	10
17	080	15		1023.2	C	00	00	00	-04	9
18	080	15		1029.4	S	13	09	08	06	9
19	004	01	IF	1028.9	S	10	06	06	02	10
20	020	06	S-IF	1022.7	SW	05	11	11	07	9
21	025	08		1021.6	NW	10	-04	-04	-09	7
22	UNL	15		1021.5	C	00	-10	-10	-16	0
23	060	02	IF BS	1018.5	ENE	25	-04	-04	-10	9
24	030	10		1017.0	NE	12	-03	-03	-08	8
25	UNL	15		1021.7	C	00	00	00	-05	0
26	010	04	IF	1024.8	NW	08	-02	-02	-07	10
27	060	04	BS	1026.9	NW	38	04	04	00	8
28	UNL	15		1035.8	N	05	00	00	-04	0
29	UNL	15		1036.4	C	00	02	02	-02	0
30	UNL	15		1031.5	C	00	04	04	00	0
AVG				1020.9		10	-04	-04	-08	06

MOULD BAY NWT — APRIL 1963 1400 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	020	01	S-IF	1009.1	NNW	10	-17	-17	-22	10
02	UNL	15		1011.9	C	00	-25	-25	-31	3
03	UNL	10		1004.5	NW	10	-28	-28	-32	1
04	UNL	02	IF	1008.3	NNW	20	-38			2
05	UNL	10		1012.3	ESE	02	-31	-31	-37	10
06	010	00	1/8IF BS	1006.2	S	30	-16	-16	-21	10
07	UNL	10		1019.2	C	00	-17	-17	-21	0
08	030	04	IF	1019.7	S	15	12	12	10	9
09	120	03	BS	1014.9	S	35	08	08	05	7
10	030	10		1016.6	S	15	10	10	07	8
11	UNL	00	1/2BS	1018.3	SSW	25	10	10	07	3
12	UNL	08		1025.9	ENE	20	06	05	02	7
13	030	06	S-	1017.0	C	00	09	09	06	10
14	UNL	15		1023.8	SSE	15	04	04	00	1
15	UNL	00	1/2IF	1032.7	C	00	-01	00	-03	7
16	010	00	1/2IF	1029.3	S	07	07	07	04	10
17	120	15		1023.7	SW	02	04	04	01	8
18	150	15		1030.4	C	00	10	09	06	9
19	016	06	IF	1028.6	S	14	09	09	06	10
20	010	01	S-IF	1021.9	WSW	10	09	09	04	10
21	007	04	IF	1022.0	W	07	-04	-04	-07	10
22	UNL	15		1021.8	NE	07	-06	-06	-14	0
23	150	05	BS	1017.7	E	25	-01	-01	-06	9
24	UNL	15		1017.5	ENE	12	-01	-01	-08	8
25	UNL	15		1022.2	C	00	04	03	-02	0
26	150	10		1025.9	NW	12	-01	-01	-05	10
27	010	06	IF	1029.8	NW	18	04	04	00	10
28	UNL	15		1034.9	C	00	06	06	00	0
29	UNL	15		1036.2	E	03	07	05	-06	0
30	UNL	15		1031.0	C	00	07	07	04	0
AVG				1021.2		10	-02	-02	-06	06

MOULD BAY NWT — APRIL 1963 1700 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	030	06	IF	1008.8	NW	20	-22	-22	-27	8
02	UNL	10		1011.4	C	00	-25	-24	-26	8
03	UNL	15		1004.6	NE	04	-29	-29	-31	1
04	UNL	02	IF	1009.3	NNW	15	-35			2
05	150	08	S-	1011.7	SSW	15	-24	-24	-30	10
06	020	00	3/4IF BS	1006.9	S	20	-14	-14	-19	10
07	060	10	S-	1020.6	NW	02	-14	-14	-17	9
08	030	03	IF	1018.3	S	25	11	11	08	10
09	UNL	03	BS	1013.2	S	35	09	09	07	5
10	030	10		1016.9	SSE	12	10	10	07	10
11	050	10		1020.3	SW	20	08	08	05	10
12	UNL	08		1025.3	NE	15	04	04	01	5
13	030	15		1016.2	C	00	13	12	09	9
14	UNL	15		1025.1	SE	06	04	04	00	0
15	UNL	08		1033.1	C	00	-02	-01	-05	2
16	020	08		1028.4	S	09	07	07	04	10
17	150	15		1024.2	C	00	06	05	01	9
18	UNL	15		1030.7	SSE	12	10	09	04	5
19	010	08	S-	1028.1	ENE	07	12	12	08	10
20	200	06	S-IF	1021.3	W	09	09	09	04	10
21	010	08		1022.9	NW	06	-03	-03	-07	9
22	UNL	15		1021.7	NE	08	-06	-06	-12	0
23	150	10		1017.0	NE	15	-01	-01	-07	9
24	UNL	15		1018.1	ENE	12	-01	-01	-07	6
25	UNL	15		1022.2	NNW	09	05	05	01	0
26	UNL	15		1026.2	NW	10	01	01	-06	4
27	015	08		1030.4	NW	14	06	06	02	10
28	UNL	15		1037.1	NE	07	05	04	-02	0
29	UNL	15		1035.5	ENE	08	08	06	-04	0
30	UNL	15		1030.3	C	00	09	09	09	0
AVG				1021.2		11	-01	-01	-05	06

MOULD BAY NWT — APRIL 1963 2000 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	06	IF	1009.2	NW	15	-22	-22	-27	4
02	150	03	IF	1010.3	NNW	08	-26	-26	-28	8
03	UNL	10		1004.7	N	08	-30	-30	-32	1
04	UNL	04	IF	1009.6	NNW	20	-36			2
05	150	01	S-IF	1011.2	S	25	-24	-24	-30	10
06	010	00	1/2IF BS	1006.3	SSW	20	-11	-11	-16	10
07	010	03	S-IF	1021.2	ESE	10	-08	-08	-10	10
08	030	06	IF BS	1016.8	S	25	12	12	09	9
09	050	03	IF BS	1013.7	S	20	08	08	05	10
10	030	10		1017.8	SSE	09	10	10	07	10
11	030	10		1023.2	NW	11	09	09	06	6
12	UNL	08		1023.2	NE	25	03	03	00	5
13	UNL	03	IF	1015.6	ESE	06	11	11	08	4
14	UNL	15		1026.1	SE	03	02	02	-01	1
15	UNL	00	1/2IF	1033.4	C	00	-05	-05	-08	4
16	UNL	15		1027.4	C	00	01	01	-03	5
17	150	15		1024.7	C	00	05	05	01	8
18	UNL	15		1030.3	SSE	20	06	06	01	3
19	015	03	S-IF	1027.1	S	13	11	11	08	10
20	UNL	03	IF	1020.9	NW	15	00	00	-04	3
21	UNL	15		1022.2	NE	05	-08	-08	-12	10
22	UNL	15		1021.2	ENE	20	-08	-08	-12	0
23	150	10		1019.8	E	25	-03	-03	-08	9
24	UNL	15		1018.6	ENE	20	-02	-02	-08	4
25	UNL	15		1022.6	NNW	06	04	04	00	2
26	150	10		1026.8	NW	14	00	00	-05	10
27	007	01	S-IF	1031.1	N	11	06	06	03	10
28	UNL	15		1037.1	ENE	07	03	02	-05	0
29	UNL	15		1034.6	C	00	07	05	-06	0
30	UNL	15		1029.9	C	00	09	09	09	0
AVG				1021.1		12	-03	-03	-07	06

MOULD BAY NWT — APRIL 1963 2300 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	03	IF	1009.7	NW	16	-24	-24	-30	2
02	020	02	IF	1008.5	C	00	-25	-25	-29	10
03	UNL	10		1005.2	NW	02	-35			1
04	UNL	02	IF	1010.9	NNW	08	-38			3
05	010	00	1/2S-IFBS	1010.1	S	28	-25	-25	-31	10
06	020	02	IF	1008.0	E	05	-13	-13	-18	10
07	010	01	S-IF	1021.8	SE	10	-05	-05	-08	10
08	030	06	IF	1016.7	S	15	09	09	05	10
09	030	01	BS	1013.7	S	30	08	08	05	10
10	030	10		1017.8	SE	11	09	09	06	10
11	030	10		1026.0	N	03	05	05	02	7
12	UNL	08		1022.0	ENE	28	00	00	-04	2
13	UNL	06	IF	1019.6	C	00	07	07	04	4
14	UNL	08		1027.9	E	05	-04	-04	-08	2
15	UNL	00	1/2IF	1033.3	S	02	-04	-03	-07	8
16	UNL	15		1026.2	C	00	-05	-05	-08	3
17	080	15		1025.2	SE	07	04	04	01	10
18	UNL	15		1030.4	SSE	10	01	01	-04	2
19	006	03	S-IF	1026.0	S	12	11	11	08	10
20	030	00	3/4S-IF	1020.9	WNW	10	-01	-01	-05	8
21	200	10		1022.0	NE	04	-10	-10	-15	10
22	UNL	10		1021.0	ENE	15	-11	-11	-15	0
23	060	10		1019.6	NE	15	-07	-07	-11	7
24	UNL	15		1019.6	SE	03	-07	-08	-12	2
25	UNL	15		1022.8	C	00	-01	-01	-06	1
26	UNL	10		1027.2	NW	10	-02	-02	-07	4
27	UNL	10		1032.1	NW	05	03	00	00	3
28	UNL	15		1037.1	ENE	05	-02	-02	-08	0
29	UNL	15		1034.1	C	00	03	01	-10	0
30	UNL	15		1029.2	C	00	04	03	-05	0
AVG				1021.2		09	-05	-05	-09	05

SYNOPTIC OBSERVATIONS

MOULD BAY

MOULD BAY NWT
MAY 1963 0200 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1028.9	C	00	02	01	-09	0
02	UNL	15		1027.7	C	00	06	06	01	1
03	080	15		1021.7	NNW	06	10	10	06	6
04	015	06	S-	1025.8	NW	07	13	13	10	10
05	010	06	S-	1024.8	C	00	11	10	08	10
06	005	03	S-IF	1019.3	SSE	03	15	15	13	10
07	060	08	S-	1013.0	NE	05	07	07	04	10
08	200	15		1008.6	C	00	12	12	09	9
09	UNL	15		1006.3	S	02	06	06	02	4
10	030	04	S-IF	1006.2	C	00	09	09	06	9
11	020	04	S-IF	1008.7	W	14	06	06	01	10
12	010	08		1011.0	WNW	05	03	03	00	10
13	010	08		1014.5	NW	08	04	04	00	10
14	020	10		1017.8	NNW	04	05	05	01	10
15	010	04	S-	1018.2	NE	08	06	06	02	10
16	020	06	IF	1021.6	ANE	05	07	06	03	10
17	040	15		1019.0	SSE	11	11	10	08	8
18	005	01	IF	1020.2	N	16	22	22	20	10
19	010	08		1032.1	W	11	13	13	09	10
20	UNL	15		1028.3	S	20	23	22	20	5
21	005	03	IF	1019.0	S	25	23	23	21	10
22	006	01	S-BS	1006.2	WNW	35	28	28	27	10
23	010	04	S-BS	1014.8	N	25	19	19	16	10
24	020	04	IF	1020.9	NW	18	11	11	07	9
25	010	06	S-	1022.3	NNW	10	09	09	04	10
26	020	10	S-	1020.2	NNW	07	08	08	04	10
27	020	10		1019.8	N	12	10	10	05	10
28	010	08	S-	1020.1	NNE	10	11	11	06	10
29	020	08		1018.1	WSW	10	13	12	08	10
30	010	04	E-IF	1008.3	SW	08	26	26	24	10
31	160	03	S-IF	1011.5	ESE	15	22	21	19	9
AVG				1017.8		10	12	12	08	09

MOULD BAY NWT
MAY 1963 0500 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1030.0	C	00	-03	-03	-10	3
02	UNL	15		1027.8	C	00	06	06	04	1
03	070	15		1021.5	NW	10	08	08	04	6
04	015	08	S-	1025.8	WNW	12	15	15	12	10
05	010	04	S-	1024.3	S	05	10	10	07	10
06	005	03	S-IF	1018.6	S	05	16	16	14	10
07	060	10		1012.4	C	00	06	06	02	9
08	070	15		1008.4	C	00	12	12	07	10
09	UNL	15		1006.2	C	00	07	07	01	4
10	020	04	S-IF	1006.3	W	03	12	11	09	10
11	020	04	S-IF	1009.0	W	10	07	07	03	10
12	010	06	IF	1010.9	NW	05	03	03	-02	10
13	010	08	S-	1014.9	NW	04	05	05	01	10
14	010	10		1017.9	NNE	05	03	03	00	10
15	010	04	S-	1018.3	NE	08	06	05	01	10
16	010	08		1022.1	N	02	05	05	01	10
17	030	10		1016.7	S	15	14	14	10	10
18	010	08		1022.9	NW	10	24	23	22	10
19	010	08		1031.5	SW	09	16	15	12	10
20	010	08		1027.8	S	15	18	18	16	9
21	001	00	1/8IF	1013.4	S	20	24	24	23	10
22	020	04	BS	1006.4	WNW	25	25	25	23	10
23	025	04	S-BS	1017.0	N	23	17	17	15	10
24	010	01	S-IF	1017.5	W	20	13	13	09	10
25	010	06	S-	1021.9	N	10	09	09	05	10
26	150	02	S-IF	1020.2	NNW	10	09	09	05	9
27	020	10	S-	1019.3	N	12	09	08	03	10
28	020	08	S-	1020.9	NNE	10	12	11	06	10
29	020	06	S-	1016.5	WSW	15	14	14	10	10
30	010	02	ZL-S-IF	1007.7	S	12	26	26	25	10
31	100	04	S-IF	1012.4	E	15	19	19	16	9
AVG				1017.6		09	12	12	08	09

MOULD BAY NWT
MAY 1963 0800 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1028.6	C	00	00	-01	-10	5
02	UNL	12		1027.2	C	00	01	01	-09	2
03	080	15		1021.8	NNW	08	07	07	03	6
04	015	08	S-	1025.6	NW	15	17	17	14	10
05	002	00	1/4S-IF	1023.5	S	07	12	12	09	10
06	010	04	S-IF	1017.6	S	08	13	13	11	10
07	UNL	15		1011.8	C	00	05	05	00	1
08	070	15		1008.2	C	00	13	12	08	10
09	080	06	IF	1006.2	C	00	09	08	04	8
10	UNL	08	S-	1006.6	NNW	09	09	08	05	4
11	005	01	S-IF	1008.9	W	06	06	06	02	10
12	010	10		1011.1	C	00	03	03	-01	10
13	010	08		1019.6	NW	07	05	04	00	10
14	010	10		1017.8	E	05	05	05	01	10
15	010	04	S-	1018.2	NE	08	07	07	03	10
16	010	06	S-	1022.4	C	00	06	06	02	10
17	005	00	1/2S-IF	1019.7	SSW	25	14	14	12	10
18	015	08		1025.7	NNW	15	24	24	22	10
19	010	06	S-	1030.6	S	15	19	19	17	10
20	UNL	10		1026.0	S	15	18	17	13	5
21	005	02	S-IF	1011.6	SW	10	26	25	25	10
22	010	03	S-BS	1008.2	WNW	25	24	24	22	10
23	030	02	S-BS	1018.6	N	25	15	15	12	9
24	UNL	06	S-	1015.6	NW	12	16	15	13	4
25	010	04	S-IF	1020.9	N	08	09	09	05	10
26	UNL	12		1020.6	N	10	09	09	05	3
27	020	08	S-	1018.8	NNE	15	09	08	03	10
28	020	08		1021.0	N	07	11	10	04	10
29	010	04	S-IF	1014.6	SW	15	16	15	11	10
30	005	00	1/2S-IF	1007.2	S	15	27	27	26	10
31	030	04	S-BS	1012.8	E	30	16	16	13	10
AVG				1017.3		10	12	12	08	08

MOULD BAY NWT
MAY 1963 1100 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	200	15		1028.6	C	00	05	04	-05	9
02	UNL	15		1025.8	C	00	09	09	06	3
03	015	06	S-	1022.6	N	14	11	10	06	10
04	010	03	S-IF	1025.2	NW	15	17	17	15	10
05	002	00	1/4S-IF	1022.9	S	08	14	15	13	10
06	005	03	S-IF	1016.3	ESE	10	15	15	13	10
07	UNL	15		1011.2	W	04	06	06	01	5
08	100	15		1007.9	ESE	08	18	16	10	10
09	040	08	S-	1005.9	C	00	14	12	02	10
10	090	10		1007.0	WNW	10	10	10	05	6
11	010	04	S-IF	1008.2	NW	08	07	07	01	10
12	005	08		1011.8	W	02	05	04	01	10
13	010	06	IF	1016.0	NW	06	05	05	00	10
14	010	08	S-	1017.8	ENE	07	05	05	01	10
15	020	04	S-	1018.4	NNW	15	09	08	04	10
16	010	06	S-	1022.5	N	03	06	06	02	10
17	005	00	1/2S-IF	1014.5	S	18	17	17	15	10
18	020	08		1027.3	NNW	20	23	23	21	10
19	020	10		1029.3	SW	20	24	23	22	9
20	UNL	10		1024.6	S	15	22	22	19	5
21	020	15		1010.4	W	08	31	31	30	8
22	010	04	IF	1006.8	NW	20	24	23	21	10
23	030	01	BS	1019.6	NNW	30	16	16	13	8
24	UNL	08		1018.0	NE	18	13	13	10	4
25	010	04	S-IF	1020.0	NW	10	10	09	04	10
26	UNL	12		1021.2	NNW	12	10	09	05	1
27	015	10		1018.7	N	12	10	09	03	9
28	020	08	S-	1021.3	SW	09	12	11	06	10
29	040	01	S-IF	1013.2	WSW	08	19	18	15	10
30	005	01	S-IF	1007.2	S	20	26	25	25	10
31	014	06	IF	1014.1	E	18	18	18	15	10
AVG				1017.2		11	14	13	10	09

MOULD BAY NWT
MAY 1963 1400 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1028.4	C	00	08	08	04	5
02	UNL	15		1025.0	C	00	15	15	12	6
03	030	15		1023.1	N	14	15	15	11	9
04	010	03	S-IF	1025.2	NNW	12	12	12	08	10
05	003	01	IF	1022.3	S	10	11	11	08	10
06	020	08	S-	1015.4	SSE	10	17	16	13	10
07	UNL	15		1010.7	W	04	14	14	09	5
08	070	15		1007.4	SSE	04	20	19	17	9
09	040	10		1005.5	C	00	16	16	11	10
10	030	06	S-	1007.1	W	15	12	12	08	6
11	UNL	10		1008.4	W	17	08	08	05	3
12	020	15		1012.0	W	03	06	06	02	9
13	020	10		1016.6	C	00	06	06	02	10
14	020	10		1017.8	ENE	08	06	06	02	10
15	010	06	S-	1018.8	NNW	10	10	09	06	10
16	020	08		1022.7	SSE	03	09	08	05	10
17	030	15		1013.6	S	10	20	20	16	10
18	030	15		1028.9	NNW	24	22	22	20	9
19	080	15		1029.0	SW	25	26	26	24	7
20	200	10		1023.4	S	18	24	24	21	7
21	005	04	F	1009.7	W	28	31	31	30	10
22	020	10		1007.3	NW	17	24	24	21	9
23	030	01	BS	1021.1	NNW	28	13	12	08	8
24	020	08		1020.3	N	20	10	10	05	8
25	010	05	S-IF	1019.5	NW	08	11	10	07	10
26	UNL	15		1021.2	NNW	12	10	10	05	1
27	010	04	IF	1018.8	NNW	16	11	11	06	10
28	020	08	S-	1021.1	WNW	06	14	13	08	10
29	040	10		1012.5	WSW	05	23	22	19	9
30	005	02	S-IF	1008.1	SSE	24	24	23	21	10
31	012	03	IF	1014.8	E	18	20	20	17	10
AVG				1017.3		12	15	15	11	08

MOULD BAY NWT
MAY 1963 1700 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	200	15		1028.1	C	00	11	10	05	9
02	UNL	15		1023.6	WSW	10	19	19	16	9
03	030	10		1024.2	NNW	15	13	13	08	6
04	020	06	S-	1025.3	N	07	14	14	11	10
05	006	05	IF	1021.7	S	08	17	17	14	10
06	020	10	S-	1014.9	SE	08	16	15	11	9
07	UNL	15		1010.1	E	18	17	17	14	5
08	070	15		1007.2	E	06	20	19	16	9
09	030	10		1005.9	C	00	17	16	13	10
10	080	04	S-	1007.5	WNW	18	11	11	08	8
11	012	06	IF	1009.3	NW	10	08	08	05	10
12	090	15		1012.4	NW	08	05	05	01	8
13	020	10		1016.8	NW	03	07	07	04	10
14	020	10		1018.0	NE	10	06	06	02	10
15	010	08		1019.3	NNW	10	09	09	05	10
16	030	15		1022.5	S	06	09	09	04	9
17	008	15		1014.5	C	00	24	24	22	10
18	UNL	15		1031.0	NW	18	18	18	16	5
19	040	15		1029.2	SSW	15	28	28	27	9
20	UNL	15		1021.6	S	12	26	25	22	3
21	005	03	F	1008.8	W	18	32	31	31	10
22	015	08		1008.2	NW	17	25	25	23	10
23	030	02	BS	1022.2	NNW	30	12	12	08	7
24	020	02	BS	1021.5	N	18	10	10	06	10
25	015	08	S-	1019.5	NNW	08	11	10	06	10
26	UNL	15		1021.6	NW	17	12	11	06	1
27	010	05	S-IF	1018.9	N	15	12	12	08	10
28	020	06	S-	1020.7	W	10	15	14	09	10
29	040	10		1011.7	WSW	05	24	24	21	10
30	005	04	S-	1009.0	SE	15	24	23	21	10
31	040	10		1015.1	E	18	19	19	16	9
AVG				1017.4		11	16	16	12	09

MOULD BAY NWT
MAY 1963 2000 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1027.8	C	00	14	14	11	1
02	150	15		1022.0	W	25	18	18	16	9
03	030	10		1024.8	NNW	15	09	09	05	9
04	020	08	S-	1025.1	NE	03	14	13	11	10
05	006	08		1020.8	S	08	17	17	14	10
06	060	15		1014.2	E	14	10	10	06	8
07	060	15		1010.1	C	00	13	13	10	8
08	UNL	15		1007.0	S	04	14	14	10	3
09	020	06	S-	1005.7	C	00	17	17	14	9
10	080	06	S-	1008.0	W	17	09	09	05	8
11	UNL	06	IF	1009.6	WNW	14	06	06	02	3
12	008	10		1013.0	W	05	03	03	-01	9
13	020	10		1017.0	C	00	06	06	02	10
14	020	10		1014.9	ENE	10	07	07	03	10
15	012	08		1019.8	N	08	08	08	04	10
16	030	15		1021.5	SE	12	10	09	05	10
17	003	08		1015.2	N	05	24	24	22	10
18	020	15		1031.6	NW	10	18	17	15	10
19	040	10		1029.2	SW	08	27	27	26	9
20	UNL	15		1019.3	S	10	24	24	22	1
21	005	03	S-F	1007.4	W	22	32	31	31	10
22	012	05	F	1008.7	NW	20	26	26	24	10
23	002	00	1/4BS	1022.4	NNW	30	10	10	06	10
24	008	03	IF BS	1022.1	NNW	20	10	10	06	10
25	015	08	S-	1019.5	NNW	08	11	10	06	10
26	015	04	S-BS	1020.5	NW	20	19	19	09	9
27	010	06	IF	1019.4	N	18	11	10	06	10
28	012	04	S-	1019.8	W	10	15	14	10	10
29	030	10		1010.9	WSW	08	25	24	22	10
30	005	04	S-	1009.5	SE	20	24	23	21	10
31	UNL	15		1015.0	NE	12	19	18	16	1
AVG				1017.2		11	15	15	12	08

MOULD BAY NWT
MAY 1963 2300 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1027.8	C	00	13	12	08	1
02	UNL	15		1021.3	WNW	20	15	15	12	4
03	012	06	S-	1025.4	NW	10	11	11	08	10
04	010	08	S-	1024.8	C	00	12	12	09	10
05	008	06	IF	1020.2	C	00	16	16	13	10
06	012	06	IF	1013.8	ESE	06	09	09	05	10
07	070	15		1009.8	S	05	11	11	06	9
08	070	15		1006.8	C	00	13	13	10	9
09	UNL	10		1005.9	C	00	13	13	10	7
10	080	06	S-	1008.0	WNW	15	08	07	03	8
11	040	03	IF	1010.1	WNW	14	04	04	00	6
12	UNL	15		1013.6	C	00	04	03	-01	5
13	020	10		1017.0	N	03	06	06	02	10
14	010	04	S-	1017.9	NE	08	06	06	02	10
15	020	10		1020.2	NNE	04	08	07	04	10
16	030	15		1020.2	S	15	10	10	07	10
17	002	03	IF	1017.2	NNE	05	22	21	18	10
18	003	06	F	1031.7	W	07	16	15	13	10
19	UNL	15		1028.7	S	16	21	21	19	3
20	UNL	15		1017.9	S	09	21	21	19	1
21	006	04	S-F	1006.2	W	23	32	31	31	10
22	020	10		1011.8	NE	17	22	22	20	10
23	006	04	IF	1022.4	NNW	22	11	10	07	10
24	010	04	IF	1022.4	N	15	09	09	05	10
25	015	08	S-	1019.5	N	08	09	09	05	10
26	020	05	S-IF	1020.2	NNW	16	12	12	08	9
27	010	06	S-IF	1019.6	N	11	11	11	07	10
28	020	08		1019.1	W	12	13	13	09	10
29	006	04	ZL-	1009.9	SW	06	26	25	24	10
30	005	03	S-IF	1010.0	ESE	18	23	23	21	10
31	040	15		1015.2	NE	12	19	19	16	7
AVG				1017.2		10	14	14	10	08

SYNOPTIC OBSERVATIONS

MOULD BAY

MOULD BAY NWT — JUNE 1963 0200 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	200	05	S-IF	1015.0	ENE	12	20	20	17	6
02	020	15		1019.0	NE	10	19	18	16	10
03	UNL	15		1022.4	C	00	16	15	11	1
04	UNL	15		1024.0	C	00	18	17	13	0
05	UNL	15		1022.4	C	00	20	20	17	0
06	UNL	15		1020.2	SE	03	22	22	20	7
07	006	03	E-	1012.6	SE	20	32	31	29	10
08	003	02	F	1010.4	S	10	31	31	31	10
09	003	01	S-F	1011.2	NNW	09	30	30	29	10
10	015	10		1020.9	W	08	28	27	24	10
11	010	10		1015.6	ENE	20	30	30	29	10
12	012	10		1010.5	SW	04	31	31	30	9
13	100	15		1013.5	NNE	08	31	30	29	7
14	012	08		1018.6	N	06	29	28	27	10
15	UNL	15		1023.1	C	00	28	27	25	1
16	030	10		1020.2	WSW	10	33	33	32	9
17	UNL	15		1017.7	NE	10	31	30	28	1
18	030	15		1015.2	ENE	04	35	33	31	10
19	005	10		1009.8	NE	25	33	32	32	10
20	012	15		1017.0	NE	16	27	26	25	10
21	010	05	F	1017.4	NNW	08	29	28	26	10
22	100	19		1013.6	SW	06	32	30	27	8
23	020	15		1013.3	S	03	33	32	31	10
24	UNL	15		1012.5	SSE	05	38	35	32	2
25	UNL	15		1016.2	S	06	37	35	33	0
26	UNL	15		1012.9	N	04	41	39	36	0
27	UNL	15		1015.0	NNW	12	32	31	29	6
28	012	10	S-	1012.9	N	09	33	32	30	8
29	UNL	15		1015.6	NW	05	33	31	29	5
30	020	15		1019.1	C	00	37	34	30	8
AVG				1016.3		08	30	29	27	07

MOULD BAY NWT — JUNE 1963 0500 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	200	15		1015.3	ENE	14	19	19	16	7
02	200	15		1019.1	NNE	08	14	13	09	8
03	001	00	1/4IF	1023.0	C	00	13	13	10	10
04	UNL	15		1024.1	C	00	12	12	08	0
05	UNL	15		1022.2	ESE	06	19	18	15	0
06	UNL	15		1019.7	SE	05	21	21	19	1
07	010	05	IF	1011.8	SE	23	31	30	29	10
08	005	05	F	1010.6	SSW	06	32	32	32	10
09	003	00	1/2S F	1011.7	N	10	29	29	28	10
10	015	08		1021.6	W	04	27	26	24	10
11	006	10		1014.7	ENE	18	32	32	31	9
12	006	10		1011.1	W	03	31	30	29	8
13	100	03	F	1013.8	N	13	29	28	28	6
14	012	10		1019.5	NW	06	28	27	25	9
15	UNL	10		1023.5	SE	06	28	27	25	2
16	008	08		1019.9	W	08	32	32	31	9
17	UNL	15		1017.6	ENE	06	31	30	28	1
18	030	15		1014.3	NE	06	35	33	30	10
19	010	10		1009.8	NE	22	33	32	31	10
20	020	15		1017.4	NNE	10	30	28	25	10
21	010	15		1017.1	NW	06	29	28	28	8
22	030	15		1013.5	W	10	32	31	29	9
23	020	15		1013.0	SSE	03	33	32	30	10
24	UNL	15		1013.1	SSE	06	37	34	31	5
25	UNL	15		1015.5	SSE	03	38	35	31	1
26	080	15		1012.6	NW	12	39	36	31	7
27	UNL	15		1014.6	NW	11	32	31	29	1
28	020	15		1013.1	NNW	08	34	32	30	9
29	UNL	15		1013.9	NNW	06	32	30	28	5
30	020	15		1019.9	NNE	05	35	33	30	9
AVG				1016.3		08	29	28	26	07

MOULD BAY NWT — JUNE 1963 0800 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	080	15		1015.6	NE	17	20	19	14	9
02	030	15		1019.3	NE	07	19	18	15	8
03	UNL	01	IF	1023.2	C	00	15	15	12	9
04	UNL	15		1023.5	W	03	17	17	13	0
05	UNL	15		1022.2	C	00	20	19	16	0
06	UNL	15		1019.0	C	00	22	22	20	1
07	006	05	ZL- IF	1011.4	SE	25	32	31	30	10
08	005	04	F	1011.0	S	04	33	32	32	10
09	006	04	F	1012.3	N	06	30	29	28	10
10	005	04	S-	1021.7	C	00	28	27	25	10
11	006	10		1013.6	E	20	34	33	32	9
12	006	10		1011.7	C	00	31	30	29	8
13	100	03	F	1014.3	N	10	30	30	29	8
14	UNL	10		1020.4	NW	05	28	27	26	2
15	UNL	15		1023.6	C	00	27	26	24	2
16	005	04	F	1019.5	WSW	04	33	33	32	10
17	UNL	15		1017.3	W	05	31	30	28	1
18	020	10		1013.8	ENE	15	35	33	30	10
19	010	06	S-	1009.9	NE	30	34	32	31	10
20	020	15		1017.6	N	08	29	28	24	10
21	030	15		1016.8	WNW	08	32	32	31	8
22	030	15		1013.4	W	10	32	32	31	10
23	010	15		1013.0	ESE	05	32	31	29	10
24	UNL	15		1013.6	S	05	37	35	30	1
25	UNL	15		1015.4	C	00	38	36	32	3
26	020	15		1012.8	N	08	38	36	33	10
27	020	15		1014.0	NW	12	34	32	29	9
28	015	10		1013.3	NNW	07	34	32	27	10
29	UNL	15		1016.2	SW	04	33	31	28	3
30	020	15		1020.6	ENE	03	37	34	29	9
AVG				1016.3		07	30	29	26	07

MOULD BAY NWT — JUNE 1963 1100 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1016.0	NE	10	24	21	14	3
02	UNL	15		1019.7	NNE	03	18	18	14	5
03	004	02	IF	1023.6	C	00	17	17	15	10
04	UNL	15		1023.2	ENE	03	24	22	19	1
05	UNL	15		1021.9	SE	08	26	24	21	0
06	UNL	15		1018.7	SSW	03	25	24	22	6
07	006	03	IF	1011.2	SSE	22	31	31	29	10
08	003	02	F	1011.2	C	00	33	33	32	10
09	012	08		1012.8	NW	08	30	29	28	10
10	010	06	F	1021.2	E	03	29	27	25	9
11	006	06	SW-	1012.6	ENE	25	33	32	31	9
12	012	10		1012.5	WNW	03	33	32	33	9
13	015	15		1014.6	N	12	33	32	30	9
14	UNL	15		1020.8	NW	06	30	29	27	2
15	UNL	15		1023.5	SSW	03	30	29	28	1
16	005	06	F	1019.1	NNW	06	32	32	32	10
17	030	15		1017.1	S	08	34	32	29	7
18	005	04	S-	1013.5	ENE	12	34	34	33	10
19	010	08		1010.5	NE	25	34	33	31	10
20	030	15		1017.8	NW	08	30	28	25	10
21	UNL	15		1016.4	W	07	38	35	32	5
22	015	15		1013.4	W	06	33	32	31	10
23	004	08		1012.5	SE	06	34	33	32	10
24	UNL	15		1014.0	S	03	39	36	32	0
25	UNL	15		1014.9	C	00	40	37	32	2
26	010	15		1013.0	NE	14	38	36	34	9
27	020	15		1012.8	NW	13	35	33	30	9
28	020	15		1013.4	WNW	07	36	33	28	9
29	UNL	15		1016.2	SW	04	36	34	31	2
30	UNL	15		1021.3	E	12	38	35	29	4
AVG				1016.3		08	32	30	28	07

MOULD BAY NWT — JUNE 1963 1400 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	080	15		1016.7	NE	10	23	21	17	7
02	UNL	15		1020.1	C	00	22	20	15	5
03	010	10		1024.0	S	03	21	20	17	9
04	UNL	15		1023.2	E	08	25	24	21	1
05	UNL	15		1022.1	S	07	26	24	21	1
06	200	15		1017.3	ESE	10	31	29	24	10
07	005	04	R-E F	1010.9	SSE	18	32	32	31	10
08	003	01	F	1011.5	C	00	33	32	32	10
09	030	15		1014.9	NW	08	30	30	29	9
10	010	10		1020.5	E	07	28	27	24	9
11	010	08		1011.2	E	27	33	32	31	10
12	015	10		1013.0	C	00	34	32	29	8
13	010	10		1015.6	N	05	34	33	30	9
14	UNL	15		1021.6	NW	06	33	31	29	4
15	UNL	15		1023.1	S	04	32	31	30	1
16	010	10		1019.1	E	03	35	32	29	10
17	010	15		1017.1	S	06	36	34	32	9
18	010	08		1012.6	ENE	20	34	33	32	10
19	090	10		1012.1	NE	15	36	34	32	10
20	030	15		1018.1	NW	04	32	31	31	10
21	250	15		1016.0	W	15	37	34	30	10
22	020	15		1013.2	W	06	34	33	31	10
23	UNL	06	F	1012.0	SW	04	34	33	32	8
24	UNL	15		1014.5	S	08	39	37	36	4
25	UNL	15		1014.4	C	00	40	37	34	4
26	020	15		1014.0	N	15	39	36	29	8
27	020	15		1012.3	NW	20	36	33	29	10
28	015	15		1013.9	SW	05	38	35	31	9
29	UNL	15		1016.8	SW	04	37	35	32	4
30	UNL	15		1021.8	E	12	39	35	29	2
AVG				1016.4		08	33	31	28	07

MOULD BAY NWT — JUNE 1963 1700 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	040	15		1017.0	NE	09	23	21	16	8
02	UNL	15		1020.7	ENE	08	22	21	16	3
03	010	15		1024.0	SE	03	22	21	18	8
04	UNL	15		1022.7	E	02	26	24	19	1
05	UNL	15		1021.8	S	03	28	26	22	1
06	080	15		1015.9	E	13	34	31	27	10
07	004	04	R-F	1010.9	S	13	32	32	31	10
08	005	02	R-F	1011.4	N	08	34	34	33	10
09	020	15		1016.6	W	15	30	29	26	9
10	UNL	15		1019.5	E	13	31	30	29	2
11	005	06	IF	1009.8	E	20	33	32	32	10
12	015	15		1013.3	NW	03	35	33	31	9
13	010	10		1016.5	N	08	33	32	29	9
14	UNL	15		1022.4	NNW	09	31	31	29	4
15	UNL	15		1022.5	S	08	32	32	31	4
16	UNL	15		1018.5	NE	08	34	32	29	3
17	010	10		1016.9	C	00	37	35	33	10
18	010	08		1012.0	NE	18	34	33	32	10
19	080	15		1013.4	NE	18	37	35	31	6
20	030	15		1017.6	SW	05	34	33	29	10
21	250	15		1015.6	W	15	37	34	30	10
22	010	15		1013.4	C	00	34	33	32	10
23	UNL	15		1011.9	S	06	37	35	33	1
24	UNL	15		1015.1	S	07	41	38	34	4
25	UNL	15		1014.2	C	00	43	40	36	4
26	015	15		1014.5	N	15	36	35	33	10
27	020	15		1012.3	NW	15	35	33	31	10
28	020	15		1014.2	SW	06	39	36	31	9
29	UNL	15		1017.3	NW	05	39	35	30	5
30	UNL	15		1021.7	E	18	40	37	32	2
AVG				1016.5		09	33	32	29	07

MOULD BAY NWT — JUNE 1963 2000 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	010	15		1017.6	ENE	10	20	20	17	10
02	UNL	15		1021.3	C	00	22	20	15	4
03	UNL	15		1023.7	C	00	21	20	18	2
04	UNL	15		1022.3	C	00	23	23	16	3
05	UNL	15		1021.0	S	05	28	26	23	4
06	080	15		1016.9	ESE	12	34	32	28	9
07	003	04	F	1010.5	S	13	32	32	32	10
08	004	05	R-F	1011.3	NE	13	34	33	33	10
09	010	08		1018.0	W	10	30	31	30	9
10	UNL	15		1018.1	ENE	15	31	30	29	2
11	005	10		1009.4	NE	05	34	33	33	9
12	UNL	15		1013.3	NE	07	32	32	31	5
13	010	10		1017.1	NNW	12	32	32	31	9
14	150	15		1022.7	NW	09	32	31	29	8
15	UNL	15		1021.7	S	06	33	32	31	4
16	UNL	15		1018.4	NE	05	33	32	29	3
17	010	08		1016.5	E	02	36	35	33	9
18	010	08	R-	1011.2	NE	25	34	34	34	10
19	UNL	15		1014.6	N	15	35	33	31	3
20	030	15		1017.4	NNW	14	35	35	31	10
21	250	15		1015.2	W	10	35	34	31	9
22	010	15		1013.7	C	00	35	34	32	10
23	UNL	15		1012.0	C	00	37	35	33	3
24	UNL	15		1015.3	SE	07	44	40	35	0
25	UNL	15		1013.5	C	00	42	39	36	2
26	015	10	SW-	1014.8	N	15	36	34	32	9
27	010	15	RW-	1012.3	NNW	12	34	34	33	10
28	200	15		1014.5	NW	10	37	34	29	8
29	020	15		1017.6	NE	06	37	35	32	4
30	UNL	15		1021.3	E	22	38	35	31	3
AVG				1016.4		09	33	32	29	07

MOULD BAY NWT — JUNE 1963 2300 MST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	020	15		1018.0	NE	14	19	19	15	10
02	UNL	15		1021.8	NE	03	20	19	14	2
03	UNL	15		1023.8	C	00	19	19	17	0
04	UNL	15		1022.3	C	00	22	22	20	1
05	UNL	15		1020.4	S	05	23	22	21	5
06	070	15		1013.7	SE	15	33	31	29	10
07	003	04	F	1010.4	S	10	31	31	31	10
08	009	00	1/2S-F	1011.0	N	13	32	32	32	10
09	010	08		1019.5	W	10	29	28	25	10
10	UNL	15		1016.4	E	15	30	31	30	2
11	015	00	5/8F	1009.7	C	00	33	33	32	9
12	160	15		1013.5	N	07	32	31	30	8
13	005	06	F	1017.7	NNW	08	31	30	28	9
14	250	15		1022.9	NW	07	30	29	28	8
15	120	15		1020.6	SW	05	34	32	28	8
16	UNL	15		1017.9	NE	08	33	31	29	2
17	005	10		1015.6	NE	07	34	33	32	9
18	004	06	F	1010.1	NE	25	33	33	31	10
19	UNL	15		1015.8	NNE	18	30	28	26	3
20	005	02	L-F	1017.4	NW	08	31	31	31	10
21	100	15		1014.5	SW	05	34	31	28	8
22	010	15		1013.5	C	00	34	33	31	10
23	200	15		1012.0	ESE	07	40	37	33	7
24	UNL	15		1015.9	S	10	39	38	36	0
25	UNL	15		1013.3	N	08	44	40	36	1
26	UNL	15		1015.2	NNE	13	34	32	28	7
27	010	15		1012.5	N	15	35	33	31	8
28	200	15		1015.2	NW	10	34	32	27	9
29	020	15		1018.4	NE	03	37	35	31	10
30	UNL	15		1021.6	E	22	35	32	28	3
AVG				1016.4		09	32	30	28	07

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

RESOLUTE NWT
JANUARY 1963 0000 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	10	IC		1024.0	C	00	-22	-22	-27	0
02 UNL	05	IC		1032.4	ESE	15	-24	-24	-30	0
03 020	02	S-		1022.8	ENE	22	-16	-16	-21	8
04 UNL	03	IC		1013.4	NW	03	-23	-23	-29	0
05 UNL	07	IC		1028.2	SSE	04	-32	-32	-38	0
06 UNL	10			1021.6	ENE	23	-22	-22	-27	0
07 UNL	01	1/2BS		1012.9	NE	35	-21	-21	-26	4
08 003	00	1/4BS		1011.5	NE	43	-11	-11	-16	10
09 000	00	BS		1007.8	NNE	58	-12	-12	-17	10
10 027	02	S-		1017.1	N	08	-23	-23	-29	10
11 UNL	10	IC		1024.1	N	09	-37			6
12 UNL	15	IC		1022.7	NW	10	-35	-35	-41	1
13 000	00	BS		1001.7	NNE	45	-22	-22	-27	10
14 007	00	1/4BS		992.5	E	34	-06	-06	-10	10
15 UNL	00	1/4BS		994.3	NNE	40	-19	-19	-24	6
16 UNL	00	3/4IF		996.9	NW	20	-34	-34	-40	3
17 UNL	06	IC		1009.0	C	00	-34	-34	-40	0
18 UNL	06	IC		1023.0	NE	10	-30	-30	-36	0
19 UNL	10	IC		1027.2	ESE	20	-27	-27	-33	0
20 UNL	10	IC		1031.0	C	00	-34	-34	-40	0
21 UNL	00	3/4BS		1027.1	NE	45	-17	-17	-22	6
22 UNL	05	IF		1029.7	N	20	-25	-29	-29	1
23 UNL	00	1/2IF	BS	1022.0	NNW	34	-27	-27	-33	4
24 UNL	02	IF		1006.9	NW	25	-29	-29	-37	0
25 UNL	02	BS		1011.4	NE	29	-23	-23	-30	2
26 UNL	01	IF	BS	1002.7	NNW	25	-25	-25	-31	2
27 UNL	15			1004.0	N	22	-26	-26	-34	0
28 UNL	10			1019.1	NNW	15	-34	-34	-44	0
29 003	00	1/2S-BS		1008.9	SE	30	-17	-17	-22	10
30 UNL	05	IC		1006.0	C	00	-27	-27	-33	4
31 UNL	10			1008.7	SE	10	-31	-31	-37	0
AVG				1014.9		21	-25	-25	-31	04

RESOLUTE NWT
JANUARY 1963 0300 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	10			1025.5	C	00	-25	-25	-31	0
02 UNL	02	BS		1032.2	E	27	-23	-23	-29	0
03 UNL	06	IC		1021.2	NE	22	-16	-16	-21	0
04 UNL	02	IC		1014.0	WNW	04	-22	-22	-27	0
05 UNL	10	IC		1029.1	SE	16	-32	-32	-38	0
06 UNL	02	BS		1020.4	NE	31	-27	-27	-33	4
07 UNL	01	BS		1013.2	NE	37	-21	-21	-26	5
08 001	00	1/4BS		1011.9	NE	41	-09	-09	-13	10
09 000	00	1/4BS		1009.2	NNW	25	-15	-15	-20	10
10 025	02	IC		1019.0	N	21	-23	-23	-29	10
11 UNL	10			1025.1	NNW	15	-38			2
12 UNL	15	IC		1020.8	NW	10	-34	-34	-40	1
13 000	00	BS		997.5	NNE	57	-21	-21	-26	10
14 UNL	01	BS		999.4	ESE	27	-14	-14	-19	9
15 UNL	07			994.5	NW	13	-21	-21	-26	2
16 UNL	04	IF		998.0	NW	18	-35	-35	-41	0
17 070	06	IC		1010.5	NW	10	-30	-30	-36	10
18 UNL	08	IC		1023.2	E	09	-31	-31	-37	0
19 UNL	10	IC		1029.5	C	00	-32	-32	-38	0
20 UNL	15			1031.0	C	00	-34	-34	-40	0
21 050	01	BS		1026.3	NNE	44	-12	-12	-19	10
22 UNL	08			1030.6	NNW	11	-28	-28	-34	0
23 UNL	00	1/4IF	BS	1020.3	NNW	26	-28	-28	-30	6
24 UNL	00	1/2BS		1005.8	NW	27	-30	-30	-42	7
25 UNL	04	IC		1012.9	NNE	15	-20	-20	-29	0
26 UNL	01	IF		1001.6	NW	19	-24	-24	-32	4
27 UNL	10	IC		1006.0	NW	08	-25	-25	-31	0
28 UNL	10	IC		1019.1	NW	04	-29	-29	-40	0
29 004	00	1/2S-BS		1009.5	SE	25	-18	-18	-23	10
30 UNL	06	IC		1004.2	ENE	15	-25	-25	-33	4
31 UNL	10	IC		1011.9	SE	10	-29	-29	-40	0
AVG				1015.3		19	-25	-25	-31	04

RESOLUTE NWT
JANUARY 1963 0600 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	10			1026.9	SE	05	-26	-26	-32	0
02 UNL	02	BS		1032.7	ESE	22	-23	-23	-29	2
03 UNL	06	IC		1020.0	NE	14	-16	-16	-21	0
04 UNL	04	IC		1019.7	C	00	-24	-24	-30	0
05 UNL	10	IC		1029.3	ESE	07	-30	-30	-36	0
06 UNL	01	BS		1018.2	NE	35	-26	-26	-32	7
07 UNL	00	1/2BS		1013.2	NE	49	-22	-22	-27	3
08 060	00	1/4BS		1012.4	NE	35	-09	-09	-13	10
09 002	00	BS		1005.5	NNE	60	-15	-15	-20	10
10 020	03	IC		1020.6	N	15	-23	-23	-29	10
11 UNL	10			1025.6	N	18	-37			0
12 UNL	04	IF		1018.3	NW	14	-38			0
13 000	00	BS		996.8	NNE	55	-20	-20	-25	10
14 030	01	BS		1002.1	ESE	33	-19	-19	-24	8
15 UNL	01	BS		994.0	N	34	-25	-25	-31	3
16 UNL	10			999.3	NW	12	-36			0
17 025	07	IC		1012.6	NNE	23	-29	-29	-35	10
18 UNL	06	IC		1023.4	ESE	12	-30	-30	-36	0
19 UNL	10	IC		1030.5	C	00	-35	-35	-41	0
20 UNL	15			1030.2	C	00	-31	-31	-37	0
21 000	00	1/2BS		1029.6	NE	50	-11	-11	-18	10
22 UNL	01	IF		1030.2	W	12	-27	-27	-33	2
23 UNL	00	1/2BS		1018.6	NNW	20	-26	-26	-32	6
24 UNL	00	1/2BS		1006.4	NNW	22	-33	-33	-39	5
25 UNL	08	IC		1014.4	NE	33	-21	-21	-26	0
26 UNL	01	IF		1001.6	NW	14	-22	-22	-27	2
27 UNL	15	IC		1008.7	NNE	18	-20	-20	-25	0
28 020	03	S-		1017.3	C	00	-29	-29	-29	10
29 UNL	03	IC		1010.1	SE	22	-21	-21	-26	3
30 UNL	06	IC		1001.7	NE	10	-26	-26	-34	3
31 UNL	02	IC		1014.7	SE	10	-27	-27	-33	0
AVG				1015.4		21	-25	-25	-30	04

RESOLUTE NWT
JANUARY 1963 0900 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	10	IC		1028.2	SSE	08	-29	-29	-35	0
02 UNL	02	IC		1031.2	ESE	20	-19	-19	-24	0
03 UNL	07	IC		1018.6	NE	18	-13	-13	-18	0
04 UNL	05	IC		1017.4	SE	06	-27	-27	-33	0
05 UNL	07	IC		1028.7	E	19	-26	-26	-32	0
06 004	00	1/2BS		1019.8	NE	38	-22	-22	-27	10
07 UNL	00	1/2BS		1019.4	NE	37	-22	-22	-27	9
08 005	00	1/2BS		1012.0	NE	35	-08	-08	-12	10
09 000	00	BS		1009.0	N	35	-16	-16	-21	10
10 020	04	IC		1021.9	N	20	-27	-27	-33	8
11 UNL	10			1026.1	NW	10	-39			0
12 UNL	01	1/2IF		1016.7	NW	13	-33	-33	-39	0
13 000	00	BS		995.1	NNE	52	-14	-14	-19	10
14 UNL	01	BS		1002.3	NE	26	-17	-17	-22	4
15 UNL	00	1/2BS		994.2	NNE	37	-28	-28	-34	3
16 UNL	10			1000.4	N	03	-38			0
17 UNL	06	IC		1019.1	NE	17	-32	-32	-38	0
18 UNL	10	IC		1023.1	ESE	13	-32	-32	-38	1
19 UNL	10	IC		1030.3	C	00	-34	-34	-44	0
20 UNL	04	BS		1028.9	NE	30	-29	-29	-37	2
21 030	00	3/4BS		1026.2	NE	30	-12	-12	-20	10
22 UNL	00	1/8BS		1028.3	N	45	-24	-24	-30	6
23 030	05	IC		1019.8	NNW	20	-20	-20	-25	9
24 UNL	03	IF		1006.1	NW	12	-34	-34	-40	4
25 UNL	15	IC		1013.1	NNE	30	-21	-21	-26	3
26 UNL	01	IF		999.6	NW	20	-23	-23	-29	1
27 UNL	02	BS		1010.3	NNE	25	-27	-27	-33	2
28 020	04	S-		1014.4	SSE	18	-18	-18	-23	10
29 010	03	IC		1010.2	ESE	20	-22	-22	-27	7
30 UNL	10	IC		1000.1	NE	17	-24	-25	-32	0
31 UNL	10	IC		1017.2	ESE	13	-25	-25	-31	0
AVG				1015.2		23	-24	-24	-30	04

RESOLUTE NWT
JANUARY 1963 1200 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	10	IC		1029.5	SE	10	-26	-26	-32	0
02 020	01	S-BS		1029.4	ESE	25	-16	-16	-21	10
03 015	10	IC		1017.0	NE	14	-16	-16	-21	10
04 015	05	IC		1020.3	SE	04	-26	-26	-32	10
05 UNL	01	1/2BS		1027.3	E	29	-25	-25	-31	5
06 008	00	1/2BS		1014.6	NE	41	-19	-19	-24	10
07 UNL	00	1/2BS		1013.5	NE	39	-22	-22	-27	5
08 070	03	BS		1011.4	NE	38	-06	-06	-10	10
09 000	00	BS		1007.4	N	44	-18	-18	-23	10
10 030	04	IC		1022.1	NNE	17	-27	-27	-33	8
11 UNL	10			1026.2	NNW	04	-39			0
12 UNL	00	3/4IF		1013.6	NW	14	-29	-29	-35	5
13 000	00	BS		992.0	NNE	55	-10	-10	-15	10
14 015	01	1/2BS		1001.0	NE	28	-17	-17	-22	10
15 UNL	00	3/4IF		994.2	NW	18	-30	-30	-36	5
16 UNL	10			1001.4	N	04	-36			1
17 UNL	10			1017.4	NNE	15	-33	-33	-39	2
18 UNL	10	IC		1028.3	ESE	14	-30	-30	-36	1
19 UNL	10	IC		1031.1	C	00	-31	-31	-40	0
20 UNL	02	BS		1027.5	NE	35	-31	-31	-37	5
21 030	04	BS		1027.1	NE	40	-08	-09	-14	10
22 UNL	01	BS		1027.1	N	27	-26	-26	-32	1
23 UNL	02	BS		1013.8	NNW	28	-23	-23	-29	1
24 UNL	01	IF		1006.2	NW	17	-33	-33	-39	7
25 UNL	15	IC		1011.4	N	15	-22	-22	-27	2
26 UNL	01	1/2IF		999.9	NNW	25	-25	-25	-31	2
27 UNL	00	3/4IF		1013.7	NNW	19	-31	-31	-37	4
28 010	00	1/2S-BS		1012.1	SE	25	-18	-18	-23	10
29 UNL	05	IC		1009.8	ESE	20	-26	-26	-32	6
30 UNL	10	IC		998.4	WNW	10	-25	-25	-30	1
31 UNL	03	IF		1018.7	E	18	-23	-23	-29	5
AVG				1014.8		22	-24	-24	-30	05

RESOLUTE NWT
JANUARY 1963 1500 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	10	IC		1030.8	ESE	13	-24	-24	-30	1
02 020	01	S-BS		1028.9	ESE	28	-14	-14	-19	10
03 015	10	IC		1015.6	NE	10	-17	-17	-23	10
04 UNL	06	IC		1029.2	SW	09	-28	-28	-34	1
05 UNL	04	BS		1026.7	ENE	21	-24	-24	-30	7
06 UNL	00	1/2BS		1013.5	NE	39	-18	-18	-23	8
07 UNL	01	BS		1013.1	NE	42	-20	-20	-25	5
08 070	00	3/4BS		1011.3	NNE	40	-11	-11	-16	7
09 070	00	1/8BS		1009.4	NNW	32	-17	-17	-22	9
10 UNL	05	IC		1022.9	N	05	-26	-26	-32	7
11 UNL	10			1026.3	NNW	12	-41			0
12 002	00	1/4BS		1009.5	NNW	35	-25	-25	-31	10
13 000	00	BS		987.4	NNE	60	-06	-06	-10	10
14 UNL	15			1000.6	NE	20	-20	-20	-25	1
15 UNL	00	1/2IF	BS	994.4	NNW	32	-32	-32	-38	5
16 UNL	10			1003.2	C	00	-35	-35	-45	0
17 UNL	10	IC		1019.3	N	13	-36			3
18 UNL	10	IC		1023.7	ESE	17	-31	-31	-37	0
19 UNL	10	IC		1031.4	C	00	-35	-35	-45	0
20 UNL	01	BS		1027.1	NNE	35	-24	-24	-34	7
21 040	03	BS		1028.8	NE	40	-17	-17	-23	10
22 UNL	04	BS		1026.2	N	35	-29	-29	-35	1
23 UNL	01	BS		1011.8	NNW	33	-24	-24	-30	4
24 UNL	01	IF		1007.2	NNW	24	-31	-31	-37	3
25 UNL	07			1009.1	N	20	-26	-26	-32	3
26 UNL	03	IF		1000.6	NNW	12	-23	-23	-31	1
27 UNL	01	1/2IF		1016.1	NW	10	-32	-32	-38	2
28 004	00	3/4S-BS		1010.2	SSE	26	-15	-15	-20	10
29 UNL	06	IF		1010.2	ESE	15	-27	-27	-33	8
30 UNL	10			999.5	C	00	-30	-30	-36	1
31 UNL	03	IF		1020.2	ESE	23	-25	-25	-31	4
AVG				1014.8		28	-25	-25	-31	05

RESOLUTE NWT
JANUARY 1963 1800 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	10	IC		1030.9	ESE	15	-22	-22	-27	0
02 020	01	S-BS		1026.9	E	22	-13	-13	-18	10
03 015	05	S-		1014.7	NE	10	-17	-17	-22	6
04 UNL	07	IC		1024.8	SSW	08	-29	-29	-35	0
05 UNL	03	BS		1025.4	ENE	25	-23	-23	-29	2
06 UNL	00	1/4BS		1015.0	NE	40	-18	-18	-23	8
07 150	00	1/2BS		1013.1	NE	40	-19	-19	-20	10
08 070	00	3/4BS		1009.8	NE	30	-13	-13	-16	10
09 070	00	1/2IF		1015.3	NNW	16	-23	-23	-29	10
10 UNL	05	IC		1023.8	NNW	09	-30	-30	-36	1
11 UNL	10	IC		1025.8	NW	11	-39			0
12 005	00	1/4BS		1006.2	N	43	-22	-22	-27	10
13 000	00	BS		985.2	NNE	60	-07	-07	-11	10
14 UNL	10			998.9	NE	25	-17	-17	-22	0
15 UNL	00	1/2BS		995.6	N	37	-32	-32	-38	5
16 UNL	10			1006.0	C	00	-36			0
17 020	07	IC		1020.3	C	00	-33	-33	-39	8
18 UNL	10	IC		1024.2	ESE	17	-28	-28	-34	0
19 UNL	10	IC		1031.2	C	00	-36			0
20 UNL	02	BS		1027.4	NE	30	-22	-22	-27	4
21 UNL	00	1/2BS		1028.2	NNE	30	-21	-21	-28	8
22 UNL	02	BS		1025.4	NNW	30	-28	-28	-34	0
23 UNL	01	IF		1010.0	NNW	30	-25	-25	-31	4
24 UNL	00	3/4BS		1008.5	N	30	-28	-28	-36	4
25 UNL	03	IF		1006.5	NNW	27	-31	-31	-37	2
26 UNL	10			1001.4	NNW	10	-28	-28	-34	0
27 UNL	10			1018.1	N	13	-33	-33	-39	0
28 005	00	1/4S-BS		1008.8	SSE	30	-15	-15	-20	10
29 UNL	10			1009.9	ESE	15	-29	-29	-37	3
30 UNL	10			1001.9	C	00	-26	-26	-32	0
31 UNL	09	IF		1021.8	ESE	17	-25	-25	-31	4
AVG				1014.7		23	-25	-25	-31	04

RESOLUTE NWT
JANUARY 1963 2100 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	06	IC		1032.1	ESE	16	-24	-24	-30	0
02 025	04	S-		1025.2	E	19	-14	-14	-19	10
03 UNL	06	IC		1013.8	NNW	06	-16	-16	-21	6
04 UNL	07	IC		1027.0	SSW	10	-31	-31	-37	0
05 UNL	07			1023.8	ENE	25	-25	-25	-31	10
06 150	02	BS		1012.6	NE	38	-20	-20	-25	10
07 005	00	1/2BS		1012.7	NE	45	-19	-19	-18	10
08 070	00	1/4BS		1007.9	NNE	60	-12	-12	-17	9
09 060	01	IF	BS	1014.8	N	21	-23	-25	-29	10
10 UNL	10	IC		1023.1	N	03	-33	-33	-39	1
11 UNL	10	IC		1024.4	NNW	11	-32	-32	-38	0
12 000	00	BS		1003.5	NNE	50	-21	-21	-26	10
13 000	00	BS		985.0	NNE	40	-11	-11	-16	10
14 UNL	00	1/4BS		996.1	NNE	38	-19	-19	-24	8
15 UNL	01	1/2IF		996.7	NW	20	-34	-34	-40	0
16 UNL	10	IC		1007.8	C	00	-36			0
17 020	06	IC		1021.8	NE	17	-32	-32	-38	7
18 UNL	10	IC		1026.2	ESE	21	-28	-28	-34	0
19 UNL	10	IC		1031.3	C	00	-33	-33	-39	0
20 UNL	00	1/2BS		1027.0	NE	45	-19	-19	-24	8
21 UNL	00	3/4IF		1030.8	N	25	-26	-26	-32	3
22 UNL	00	1/2IF	BS	1022.6	N	35	-29	-29	-35	9
23 UNL	01	IF		1008.6	NW	24	-26	-26	-32	9
24 UNL	03	BS		1010.1	NNE	32	-26	-26	-32	1
25 UNL	01	IF	BS	1004.1	NNW	32	-30	-30	-34	2
26 UNL	15			1002.7	N	13	-26	-26	-32	0
27 UNL	15			1018.5	NNW	20	-34	-34	-40	0
28 004	00	1/4S-BS		1009.2	SSE	30	-16	-16	-21	10
29 UNL	06	IC		1008.3	SE	10	-27	-27	-33	4
30 UNL	10			1005.3	ESE	06	-31	-31	-37	0
31 UNL	08			1022.5	ESE	20	-24	-24	-30	0
AVG				1014.7		24	-25	-25	-30	04

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

RESOLUTE NWT FEBRUARY 1963 0000 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	08	IC	1029.3	ESE	11	-25	-29	-31	0
02	UNL	10	IC	1029.8	E	16	-17	-17	-22	0
03	UNL	00	3/4IF BS	1029.3	NE	27	-14	-14	-19	8
04	060	00	1/4S-BS	1003.3	E	47	11	11	08	9
05	150	00	1/4BS	1004.5	S	35	-10	-10	-15	10
06	UNL	10		1039.7	ESE	15	-30	-30	-36	3
07	080	10		1038.0	C	00	-11	-11	-17	10
08	UNL	06	IC	1032.3	SE	04	-18	-18	-23	2
09	005	00	3/4S-BS	1029.6	SSW	25	-03	-05	-07	10
10	022	10		1026.1	ESE	15	03	03	00	9
11	097	04	S-	1010.7	WNW	07	03	03	-01	10
12	UNL	00	1/8BS	1024.3	NNW	42	-25	-29	-31	8
13	UNL	01	1/2IF	1023.6	NW	16	-32	-32	-38	2
14	UNL	01	IF	1017.8	N	25	-36			2
15	UNL	03	IF	1014.0	NNW	23	-32	-32	-38	2
16	UNL	10		1010.2	NW	05	-36			0
17	UNL	10	IC	1012.2	ENE	13	-33	-33	-39	0
18	*UNL*	*00*	*1/4BS*	*1010.6*	*NE*	*40*	*-27*	*-27*	*-33*	7
19	UNL	07	IC	1016.4	WNW	04	-22	-22	-27	4
20	UNL	05	IF	1028.0	N	20	-24	-24	-30	9
21	UNL	00	1/2BS	1031.4	NNE	43	-22	-22	-27	9
22	UNL	00	1/2BS	1029.7	NE	38	-15	-15	-20	4
23	UNL	10		1022.2	NE	25	-13	-19	-19	0
24	UNL	10		1012.5	WNW	10	-21	-21	-30	0
25	UNL	10		1000.5	NW	10	-22	-22	-29	0
26	UNL	01	IF	1003.1	N	30	-25	-25	-31	2
27	UNL	07		1007.3	N	25	-27	-27	-33	0
28	UNL	10		1010.1	C	00	-30	-30	-36	0
AVG				1018.3		20	-20	-20	-25	04

RESOLUTE NWT FEBRUARY 1963 0300 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10	IC	1029.9	ENE	18	-24	-24	-30	0
02	UNL	10	IC	1027.0	ESE	08	-18	-18	-23	0
03	003	00	1/2S-BS	1029.3	NE	45	-13	-13	-18	10
04	001	00	1/2S-BS	1000.5	E	35	15	15	13	10
05	UNL	01	BS	1010.9	S	40	-15	-15	-20	3
06	150	10		1034.8	ESE	07	-28	-28	-34	10
07	080	02	1/2S-	1032.4	W	03	-09	-09	-13	10
08	UNL	08	IC	1032.2	C	00	-20	-20	-25	4
09	020	05	S-	1024.3	SSW	10	-03	-03	-07	10
10	023	10		1025.0	ESE	16	05	05	01	10
11	040	02	S-BS	1011.1	NNW	24	00	00	-04	10
12	UNL	00	1/2BS	1026.7	NNW	22	-26	-26	-32	5
13	UNL	01	IF	1022.6	NW	27	-30	-30	-36	2
14	UNL	00	3/4IF BS	1018.1	NE	24	-36			3
15	UNL	04	IC	1014.1	NNW	15	-32	-32	-41	0
16	UNL	10		1010.6	C	00	-39			0
17	UNL	07	IC	1011.8	NW	12	-39			0
18	UNL	00	1/4BS	1010.3	NE	48	-24	-24	-30	8
19	UNL	05	IF	1018.1	N	08	-24	-24	-30	0
20	UNL	01	IF BS	1029.3	N	28	-25	-25	-31	5
21	UNL	00	1/2BS	1030.7	NNE	48	-21	-21	-28	3
22	UNL	00	1/2IF BS	1029.5	NNE	35	-19	-19	-20	3
23	UNL	10		1022.1	NNE	06	-19	-19	-25	0
24	UNL	10		1011.3	NNW	09	-22	-22	-31	0
25	UNL	10		1000.1	C	00	-17	-17	-25	0
26	UNL	04	IF	1004.2	N	25	-27	-27	-33	0
27	UNL	08		1007.6	N	24	-28	-28	-34	0
28	UNL	10		1010.4	N	09	-30	-30	-36	0
AVG				1018.5		20	-20	-20	-25	04

RESOLUTE NWT FEBRUARY 1963 0600 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10	IC	1024.4	E	10	-19	-19	-26	0
02	UNL	10	IC	1028.2	E	05	-21	-21	-28	0
03	001	00	1/4S-BS	1018.9	ENE	41	-06	-06	-10	10
04	001	00	1/4S-BS	997.0	E	35	18	18	16	10
05	UNL	07		1019.5	S	22	-18	-18	-23	0
06	080	10		1035.6	NNW	03	-24	-24	-30	10
07	080	04	S-	1032.5	C	00	-06	-06	-11	10
08	UNL	06	IC	1030.8	SE	05	-17	-17	-22	8
09	015	04	S-	1029.0	SW	07	-02	-02	-06	10
10	024	04	BS	1021.7	ESE	30	06	06	02	10
11	060	02	S-BS	1012.0	NNW	31	-03	-03	-07	10
12	UNL	00	1/8BS	1026.8	NNW	40	-25	-25	-31	8
13	UNL	01	IF	1022.2	NW	27	-35	-35	-41	3
14	UNL	00	1/2IF BS	1017.8	N	30	-36			5
15	UNL	07	IC	1019.8	NNW	10	-36			0
16	UNL	10	IC	1011.2	C	00	-36			0
17	UNL	03	IF	1011.7	WNW	08	-39			0
18	*UNL*	*00*	*3/4IF*	*1019.0*	*WNW*	*10*	*-22*	*-22*	*-27*	5
19	UNL	07		1019.4	NW	10	-23	-23	-29	2
20	UNL	04	IF	1030.2	NNW	27	-27	-27	-35	0
21	UNL	00	1/4BS	1029.0	NNE	40	-18	-18	-23	6
22	UNL	10		1025.2	N	05	-17	-17	-23	0
23	UNL	10		1021.1	S	05	-11	-11	-18	0
24	UNL	10		1009.8	NNW	10	-17	-17	-23	0
25	UNL	10		999.9	NW	05	-22	-22	-29	0
26	UNL	03	IF	1005.0	N	25	-28	-28	-34	0
27	UNL	10		1008.3	NNW	20	-28	-28	-36	5
28	UNL	10		1010.6	NE	03	-35	-35	-41	0
AVG				1018.5		17	-20	-20	-26	04

RESOLUTE NWT FEBRUARY 1963 0900 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10	IC	1024.5	E	19	-21	-21	-26	5
02	UNL	10	IC	1029.6	C	00	-19	-19	-26	4
03	001	00	1/8S-BS	1016.2	E	42	-02	-02	-06	10
04	001	00	1/8S-BS	999.5	E	47	23	23	22	10
05	UNL	10		1018.9	SE	14	-20	-20	-25	0
06	080	10		1034.8	NW	09	-20	-20	-25	9
07	080	06	S-	1031.9	C	00	-06	-07	-12	10
08	070	10	IC	1029.3	SE	20	-14	-14	-19	9
09	010	05	S-	1025.9	C	00	-02	-02	-06	10
10	025	06	IF	1019.4	SE	25	10	10	07	10
11	020	00	1/4BS	1014.0	N	38	-16	-16	-21	9
12	UNL	07	IC	1027.4	WNW	07	-26	-26	-32	4
13	UNL	00	1/2IF BS	1020.1	NW	30	-36			4
14	UNL	00	1/2IF	1017.4	NNW	18	-36			4
15	UNL	10	IC	1012.9	NW	08	-37			5
16	UNL	10	IC	1012.0	C	00	-35	-35	-41	3
17	UNL	04	IC	1010.9	C	00	-34	-34	-40	1
18	UNL	01	1/2IF	1012.9	NNE	07	-23	-23	-30	5
19	UNL	04	IF	1020.5	N	26	-24	-24	-30	2
20	UNL	00	3/4IF	1030.4	N	23	-25	-25	-31	1
21	UNL	00	1/4BS	1026.8	NNE	39	-16	-16	-21	2
22	UNL	10		1023.6	NE	37	-16	-16	-21	1
23	UNL	10		1019.4	NE	23	-11	-12	-19	1
24	UNL	20		1007.8	NNW	05	-26	-26	-34	8
25	UNL	15		999.7	NNW	15	-24	-24	-32	0
26	UNL	03	IF	1004.7	NNW	27	-29	-29	-37	0
27	UNL	01	1/2IF	1007.7	NNW	23	-26	-26	-34	8
28	UNL	10		1010.4	SSW	03	-32	-32	-41	0
AVG				1018.0		19	-19	-20	-25	05

RESOLUTE NWT FEBRUARY 1963 1200 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	02	IC	1024.3	ENE	18	-17	-17	-22	8
02	UNL	10	IC	1030.8	C	00	-19	-19	-27	7
03	000	00	1/8S-BS	1014.2	E	45	00	00	-04	10
04	000	00	1/8S-BS	990.7	E	50	25	25	24	10
05	UNL	07		1022.5	SSE	15	-28	-25	-33	1
06	090	15		1035.2	WSW	08	-19	-19	-24	6
07	UNL	10		1032.8	C	00	-12	-12	-17	8
08	025	10		1028.1	SSE	19	-11	-11	-17	9
09	010	03	S-	1026.6	ESE	06	-01	-01	-05	10
10	015	03	S-	1017.6	S	20	09	09	06	10
11	UNL	00	1/2BS	1016.6	N	33	-22	-22	-27	5
12	UNL	03	IF	1025.4	NW	18	-21	-21	-26	5
13	UNL	00	1/2IF	1020.4	NNW	15	-36			7
14	UNL	01	IF	1016.2	N	30	-36			1
15	UNL	10	IC	1012.5	NNW	05	-36			6
16	UNL	10	IC	1012.7	NE	06	-35	-35	-41	2
17	UNL	01	1/2ICIF	1009.9	NNE	22	-31	-31	-37	2
18	*UNL*	*00*	*1/8BS*	*1011.2*	*NNE*	*35*	*-22*	*-22*	*-29*	8
19	UNL	04	BS	1022.3	NNE	30	-25	-25	-31	1
20	UNL	00	1/8IF	1031.4	NNW	26	-30	-30	-36	2
21	UNL	00	1/4BS	1026.5	NNE	49	-14	-14	-19	2
22	UNL	10		1023.2	NE	35	-14	-14	-20	3
23	UNL	15		1017.9	NW	07	-08	-08	-16	3
24	UNL	15		1006.5	WNW	07	-21	-21	-28	7
25	UNL	15		1000.2	N	21	-22	-22	-31	0
26	UNL	02	1/2IF	1005.9	N	20	-29	-29	-35	0
27	UNL	10		1008.6	NNW	12	-30	-30	-36	0
28	UNL	10		1010.5	C	00	-33	-33	-39	0
AVG				1017.9		20	-19	-19	-25	05

RESOLUTE NWT FEBRUARY 1963 1500 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1024.5	ENE	19	-19	-19	-24	3
02	UNL	10	IC	1032.7	ESE	05	-19	-19	-26	2
03	001	00	1/4S-BS	1011.7	E	40	02	02	-01	10
04	003	00	1/8S-BS	990.5	ESE	50	20	20	19	10
05	UNL	07		1025.8	SE	22	-28	-28	-36	0
06	080	10		1035.0	NNE	04	-19	-19	-18	8
07	UNL	15		1033.5	C	00	-10	-10	-15	2
08	020	10		1027.2	SSE	20	-10	-10	-16	10
09	015	03	S-	1027.8	NE	05	-01	-01	-05	10
10	015	05	S-	1016.8	S	15	10	10	07	10
11	UNL	00	1/8BS	1017.9	N	45	-24	-24	-30	7
12	UNL	02	IF	1024.9	NW	27	-28	-28	-34	2
13	UNL	00	3/8IF	1020.1	NNW	20	-38			4
14	UNL	02	IF	1016.1	N	28	-33	-33	-39	1
15	UNL	10		1012.3	C	00	-29	-29	-37	6
16	UNL	10	IC	1013.1	C	00	-35	-35	-41	0
17	UNL	01	ICIF	1011.5	WNW	20	-32	-32	-38	4
18	UNL	00	1/8IF BS	1011.7	NNE	39	-22	-22	-26	8
19	UNL	01	1/2IF BS	1023.4	NNW	27	-26	-26	-32	2
20	UNL	00	1/8IF BS	1032.2	N	26	-27	-27	-33	2
21	UNL	01	1/2IF	1027.5	NNW	27	-16	-16	-21	1
22	UNL	10		1023.5	NE	30	-12	-12	-19	1
23	UNL	15		1017.3	WNW	17	-05	-05	-12	5
24	UNL	15		1004.9	ESE	10	-21	-21	-28	8
25	UNL	10	IC	1000.7	NNE	17	-23	-23	-32	0
26	UNL	02	IF	1006.3	NNW	30	-28	-28	-34	1
27	UNL	10		1008.9	NNE	18	-30	-30	-36	0
28	UNL	10		1009.8	NW	06	-33	-33	-39	1
AVG				1018.1		21	-19	-19	-25	04

RESOLUTE NWT FEBRUARY 1963 1800 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1024.9	NE	07	-17	-17	-22	0
02	UNL	10	IC	1033.9	E	17	-26	-26	-21	4
03	002	00	1/4S-BS	1010.4	E	40	03	03	00	10
04	015	00	1/8BS	993.2	SE	60	10	10	07	8
05	UNL	07		1029.7	ESE	09	-29	-29	-37	0
06	UNL	10		1035.0	NE	12	-15	-15	-19	4
07	UNL	15		1033.7	C	00	-15	-15	-20	0
08	050	06	IC	1026.1	SSE	20	-05	-05	-11	10
09	020	06	S-	1028.0	ENE	13	-02	-02	-06	10
10	010	01	S-	1013.0	SSW	10	03	03	-01	10
11	000	00	BS	1021.3	N	30	-25	-25	-31	10
12	UNL	01	1/2IF	1024.2	NW	20	-30	-30	-36	2
13	UNL	01	IF	1019.6	N	25	-38			1
14	UNL	02	IF BS	1015.1	NNE	30	-33	-33	-39	1
15	080	10		1012.0	NW	12	-33	-33	-39	8
16	UNL	10	IC	1013.0	NNE	06	-34	-34	-43	0
17	UNL	01	IF	1011.8	W	02	-31	-31	-37	5
18	UNL	00	1/4IF BS	1012.3	N	40	-23	-23	-27	5
19	UNL	04	IF	1025.8	N	22	-25	-25	-33	0
20	UNL	00	3/4IF	1032.7	NNE	32	-28	-28	-36	3
21	UNL	03	IF	1028.0	N	13	-17	-17	-22	0
22	UNL	10		1023.7	NE	33	-14	-14	-20	0
23	UNL	10		1016.0	W	10	-10	-10	-16	4
24	150	10		1003.0	ESE	07	-21	-21	-28	8
25	UNL	10	IC	1001.9	NNW	07	-24	-24	-30	0
26	UNL	02	IF	1007.1	NNW	20	-27	-27	-33	3
27	UNL	10		1009.3	NW	13	-31	-31	-40	0
28	UNL	10		1009.2	NW	10	-35	-35	-41	2
AVG				1018.4		18	-20	-20	-26	04

RESOLUTE NWT FEBRUARY 1963 2100 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1025.8	C	00	-17	-17	-22	0
02	UNL	01	BS	1032.9	ENE	30	-18	-18	-29	4
03	001	00	1/8S-BS	1007.3	E	40	06	06	03	10
04	000	00	1/8BS	996.0	SE	50	02	02	-01	10
05	UNL	10		1031.5	SE	12	-31	-31	-37	0
06	080	10		1032.9	WSW	09	-09	-09	-15	9
07	UNL	10		1032.9	SE	04	-19	-19	-24	0
08	020	03	S-	1029.8	S	25	-04	-04	-08	10
09	025	06	S-	1027.0	ESE	08	01	01	-03	10
10	037	04	S-	1011.4	SW	08	02	02	-02	10
11	UNL	00	1/4BS	1022.7	N	32	-25	-25	-31	8
12	UNL	01	1/2IF	1024.2	NW	18	-32	-32	-38	2
13	UNL	01	1/2IF	1018.5	N	22	-36			1
14	UNL	04	BS	1014.6	NNW	24	-38	-35	-41	1
15	UNL	15		1011.0	C	00	-34	-34	-40	0
16	UNL	15		1012.5	NW	04	-37			0
17	UNL	01	ICIF	1011.7	SSE	07	-27	-27	-35	5
18	080	02	1/2IF	1015.0	WNW	17	-25	-25	-31	7
19	UNL	02	IF BS	1026.8	N	23	-23	-23	-30	1
20	UNL	00	1/2IF	1032.4	N	33	-25	-25	-31	4
21	UNL	00	1/2BS	1024.7	NNE	38	-15	-15	-20	2
22	UNL	08		1029.6	C	00	-15	-15	-20	0
23	UNL	10		1013.8	NW	16	-15	-15	-21	0
24	UNL	10		1001.4	C	00	-24	-24	-32	4
25	UNL	02	IF	1002.3	NNW	23	-24	-24	-30	0
26	UNL	08		1006.2	NNW	40	-26	-26	-32	0
27	UNL	10		1009.6	C	00	-33	-33	-39	0
28	UNL	10	IC	1008.1	NW	16	-38			0
AVG				1017.9		18	-21	-21	-26	03

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

RESOLUTE NWT
MARCH 1963 0000 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	07	IC	1006.5	NW	15	-39			0
02	UNL	08	IC	1009.0	C	00	-37			0
03	UNL	03	IC	1007.6	S	08	-33	-33	-39	4
04	UNL	10		1008.5	ESE	08	-35	-33	-39	0
05	UNL	03	ICIF	1009.1	NNW	06	-39			0
06	UNL	03	ICIF	1008.5	NW	16	-44			0
07	UNL	04	IC	1008.3	NW	12	-39	-35	-45	0
08	UNL	10	IC	1011.1	SE	06	-27	-27	-35	10
09	UNL	03	IF	1014.5	NW	06	-38			0
10	UNL	01	IC BS	1010.0	SE	30	-24	-24	-30	4
11	060	10	S-	1020.7	C	00	-28	-28	-34	10
12	UNL	10		1026.6	N	14	-34	-34	-40	1
13	UNL	02	IF BS	1018.1	NNE	25	-35	-35	-41	2
14	UNL	07		1015.2	NW	09	-40			0
15	015	04	ICIF	1016.7	NW	14	-25	-25	-31	10
16	UNL	10	IC	1024.3	ESE	13	-33	-33	-39	0
17	UNL	06	ICIF	1019.4	SE	21	-35	-35	-41	0
18	UNL	02	IF BS	1015.7	ESE	30	-28	-28	-34	1
19	000	00	BS	1018.7	ESE	45	-22	-22	-27	10
20	UNL	01	IF BS	1024.7	ESE	18	-19	-19	-24	4
21	UNL	10	IC	1027.8	C	00	-30	-30	-36	0
22	UNL	04	IC	1019.0	NW	04	-32	-32	-41	3
23	060	00	1/2S-BS	1005.5	NW	22	-25	-25	-31	10
24	UNL	10	IC	998.8	W	07	-30	-30	-39	0
25	UNL	10		1005.8	ENE	18	-36			0
26	UNL	10		1004.7	WNW	10	-34	-34	-44	0
27	UNL	02	BS	1002.6	E	28	-29	-29	-35	1
28	UNL	07		1013.0	ENE	28	-22	-22	-29	0
29	UNL	07		1008.8	NNE	30	-24	-24	-32	0
30	UNL	06	IF	1004.7	NW	20	-31	-31	-37	2
31	080	06	IF	1004.5	NNE	20	-19	-19	-24	10
AVG				1012.5		16	-31			03

RESOLUTE NWT
MARCH 1963 0300 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1006.1	NW	18	-37			0
02	UNL	08	IC	1010.2	C	00	-40			0
03	UNL	03	IC	1008.0	SSE	14	-34	-34	-40	3
04	UNL	10		1009.2	SE	08	-35	-35	-41	0
05	UNL	06	IC	1008.9	NW	07	-40			0
06	UNL	04	ICIF	1008.1	NNW	20	-43			0
07	UNL	10	IC	1008.6	N	06	-36			0
08	060	05	IC	1011.7	SE	09	-26	-26	-32	10
09	UNL	03	IF	1014.8	NW	05	-40			0
10	005	00	1/2IC	1011.4	SSE	10	-21	-21	-26	10
11	060	05	S-	1022.1	C	00	-25	-25	-31	10
12	UNL	10		1026.8	W	07	-39			8
13	UNL	02	IF	1018.1	NNE	10	-34	-34	-40	2
14	UNL	07	IC	1014.2	NW	13	-35	-35	-41	5
15	UNL	10	IC	1018.2	NW	07	-26	-26	-32	0
16	UNL	10	IC	1025.0	SE	10	-34	-34	-40	0
17	UNL	10	IC	1018.6	ESE	18	-34	-34	-40	0
18	UNL	00	3/4IF BS	1015.4	ESE	32	-30	-30	-36	3
19	003	00	1/8S-BS	1019.9	ESE	38	-21	-21	-26	10
20	UNL	03	ICIF	1029.5	ESE	18	-20	-20	-25	0
21	UNL	10	IC	1027.6	ESE	07	-29	-29	-35	0
22	070	01	1/2ICIF	1017.6	NW	07	-30	-30	-36	10
23	060	00	1/2S-BS	1004.6	NW	22	-25	-25	-31	10
24	UNL	10	IC	997.9	WNW	02	-32	-32	-41	1
25	UNL	10		1007.6	ENE	03	-31	-31	-40	0
26	UNL	10	IC	1003.3	WNW	07	-35	-35	-45	0
27	UNL	07		1004.8	E	29	-27	-27	-33	0
28	080	07		1013.5	NNE	30	-24	-24	-30	8
29	UNL	07	IC	1008.5	N	27	-30	-30	-39	2
30	UNL	05	IF	1003.5	WNW	20	-31	-31	-37	6
31	080	06	IF	1005.1	NE	15	-21	-21	-26	7
AVG				1012.7		14	-31			03

RESOLUTE NWT
MARCH 1963 0600 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1006.0	C	00	-38			3
02	UNL	10	IC	1010.7	C	00	-40			0
03	045	04	IC	1008.1	S	15	-30	-30	-36	8
04	UNL	10		1008.9	ESE	04	-35	-35	-41	0
05	UNL	06	IC	1008.8	N	04	-40			0
06	UNL	02	ICIF	1008.2	NW	20	-42			0
07	UNL	10	IC	1009.2	SE	05	-34	-34	-44	4
08	070	06	S-	1012.5	SE	07	-27	-27	-33	10
09	UNL	08		1014.7	NW	03	-38			0
10	030	03	S-	1011.5	SE	17	-22	-22	-27	10
11	060	05	S-	1023.1	NE	03	-27	-27	-33	9
12	UNL	06	IF	1025.9	N	15	-33	-33	-39	6
13	060	06	S-	1018.0	NNE	08	-31	-31	-37	10
14	060	03	ICIF	1013.7	NW	15	-32	-32	-38	10
15	UNL	10	IC	1019.5	NW	05	-33	-33	-39	1
16	UNL	10	IC	1025.1	ESE	12	-34	-34	-40	0
17	UNL	08	IC	1017.1	SE	20	-35	-35	-41	3
18	UNL	00	1/4IF BS	1015.6	ESE	37	-30	-30	-36	5
19	003	00	1/8S-BS	1020.1	ESE	32	-19	-19	-24	10
20	010	02	S-IF	1025.9	SE	14	-20	-20	-25	10
21	070	03	IC	1027.2	ESE	07	-28	-28	-34	10
22	UNL	03	ICIF	1015.7	NW	10	-27	-27	-35	6
23	003	00	1/2S-BS	1002.9	NW	22	-25	-25	-31	10
24	UNL	10	IC	997.7	NW	05	-33	-33	-42	3
25	UNL	10		1008.3	NE	07	-28	-28	-36	0
26	UNL	10		1002.6	WNW	07	-34	-34	-44	0
27	UNL	10		1006.8	ENE	28	-33	-33	-42	0
28	070	07		1012.9	NE	32	-23	-23	-30	10
29	UNL	07		1007.8	NNE	36	-31	-31	-40	5
30	010	00	1/2IF	1000.9	NW	25	-29	-29	-35	10
31	UNL	06	S-	1005.1	ENE	05	-16	-16	-22	7
AVG				1012.6		14	-31	-31	-38	05

RESOLUTE NWT
MARCH 1963 0900 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	05	IF	1005.2	W	06	-36			4
02	UNL	05	ICIF	1010.2	SE	09	-37			2
03	060	03	S-IF	1008.4	SSE	19	-30	-30	-36	10
04	UNL	15		1009.3	C	00	-35	-35	-41	3
05	UNL	02	1/2IF	1008.7	NNW	06	-42			0
06	UNL	01	1/2ICIF	1008.4	NNW	25	-40			2
07	UNL	08	IC	1010.4	ESE	02	-36			5
08	070	04	S-	1012.8	ESE	07	-27	-27	-33	10
09	UNL	10	IC	1014.0	ESE	04	-39			0
10	120	03	S-IF	1012.3	SSW	07	-22	-22	-27	9
11	070	04	IC	1024.1	C	00	-24	-24	-30	8
12	UNL	01	1/2IF BS	1024.5	N	30	-29	-29	-35	8
13	060	01	ICIF	1017.4	NW	10	-33	-33	-39	10
14	060	01	IF BS	1012.5	N	28	-29	-29	-35	8
15	UNL	06	IF	1020.4	NNW	04	-33	-33	-39	3
16	UNL	10		1024.7	ESE	18	-34	-34	-40	0
17	UNL	10	IC	1016.4	SE	18	-35	-35	-41	0
18	070	00	BS	1015.6	ESE	39	-27	-27	-33	9
19	002	00	1/4S-BS	1020.5	ESE	33	-19	-19	-24	10
20	015	02	ICIF	1026.5	SSE	12	-21	-21	-26	10
21	UNL	04	ICIF	1027.0	C	00	-27	-27	-33	6
22	070	03	ICIF	1013.8	NW	12	-28	-28	-34	10
23	010	00	1/4S-IF	1001.7	NW	23	-24	-24	-30	10
24	UNL	10	IC	998.1	C	00	-32	-32	-38	10
25	UNL	10	IC	1008.1	C	00	-33	-33	-42	0
26	UNL	15		1001.6	C	00	-33	-33	-42	0
27	UNL	10	IC	1008.2	NE	29	-31	-31	-40	0
28	070	08	S-	1012.4	NNE	30	-23	-23	-30	10
29	UNL	03	ICIF	1007.9	NW	16	-32	-32	-38	1
30	005	00	IF BS	998.0	NNW	33	-24	-24	-30	10
31	UNL	06	ICIF	1005.1	ESE	04	-20	-20	-27	10
AVG				1012.4		14	-30			06

RESOLUTE NWT
MARCH 1963 1200 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1005.7	SW	04	-35	-35	-41	1
02	UNL	04	ICIF	1009.6	SSE	10	-34	-34	-40	2
03	UNL	04	ICIF	1008.4	SSE	23	-28	-28	-34	5
04	UNL	04	IF	1009.1	NW	05	-34	-34	-40	1
05	UNL	03	IF	1008.1	NNW	05	-40			0
06	UNL	02	ICIF	1008.6	NW	20	-38			7
07	060	02	S-IF	1010.8	SE	10	-30	-30	-36	10
08	070	03	S-	1013.4	ESE	03	-27	-27	-33	10
09	UNL	10	IC	1013.8	ESE	09	-36			0
10	UNL	05	ICIF	1014.3	SSW	07	-23	-23	-29	7
11	UNL	06	IC	1024.6	C	00	-27	-27	-33	7
12	UNL	04	IF	1023.5	N	20	-29	-29	-35	7
13	060	01	1/2ICIF	1016.9	NE	10	-30	-30	-36	9
14	060	00	3/4IF	1012.1	N	27	-27	-27	-33	10
15	UNL	10	IC	1021.4	NW	03	-32	-32	-41	1
16	UNL	10		1024.0	SE	20	-34	-34	-40	0
17	UNL	10		1016.3	SE	16	-34	-34	-40	0
18	000	00	BS	1016.4	ESE	40	-26	-26	-32	10
19	002	00	1/4BS	1021.7	ESE	35	-18	-18	-23	10
20	UNL	03	ICIF	1027.8	W	04	-26	-26	-32	8
21	UNL	04	IC	1026.0	C	00	-26	-26	-32	4
22	065	02	ICIF	1012.1	WNW	12	-23	-23	-30	10
23	020	00	1/4S-IF	999.9	NW	17	-24	-24	-30	10
24	UNL	10		998.4	C	00	-30	-30	-36	4
25	UNL	10	IC	1008.6	C	00	-28	-28	-36	0
26	UNL	10	IC	1000.9	C	00	-33	-33	-42	0
27	UNL	10	IC	1008.8	NE	24	-28	-28	-36	0
28	070	08		1012.6	WNW	15	-20	-20	-25	10
29	UNL	01	ICIF	1007.5	NNW	23	-29	-29	-35	2
30	003	00	IF BS	997.2	N	32	-22	-22	-27	10
31	120	06	ICIF	1004.8	ESE	06	-18	-18	-26	10
AVG				1012.4		13	-29	-29	-35	05

RESOLUTE NWT
MARCH 1963 1500 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1006.9	C	00	-35	-35	-41	0
02	UNL	03	ICIF	1009.2	SE	10	-33	-33	-39	6
03	UNL	04	ICIF	1008.6	SSE	14	-27	-27	-33	7
04	UNL	04	IF	1009.8	N	02	-35	-35	-41	1
05	UNL	05	IF	1008.5	NNW	06	-41			D
06	UNL	01	ICIF	1008.7	NNW	20	-37			6
07	UNL	04	ICIF	1011.2	SE	12	-31	-31	-37	6
08	UNL	06	IC	1014.2	WNW	03	-30	-30	-36	9
09	UNL	10		1013.3	ESE	17	-34	-34	-40	2
10	UNL	10		1016.3	NW	05	-27	-27	-33	5
11	UNL	10		1025.4	C	00	-28	-28	-36	8
12	UNL	01	1/2IF	1022.3	NW	14	-36			7
13	UNL	08		1016.5	NE	03	-32	-32	-38	2
14	060	00	3/8IF BS	1012.6	NNW	28	-24	-24	-30	10
15	UNL	10	IC	1022.3	C	00	-31	-31	-40	1
16	UNL	15		1023.4	SE	18	-33	-33	-42	0
17	UNL	04	IF	1015.8	ESE	27	-29	-29	-35	3
18	000	00	BS	1017.2	ESE	40	-24	-24	-30	10
19	002	00	1/4BS	1022.6	ESE	30	-17	-17	-22	10
20	UNL	06	ICIF	1028.5	NNW	05	-28	-28	-34	8
21	UNL	06	IC	1025.0	C	00	-28	-28	-36	3
22	060	01	S-IF	1010.1	WNW	23	-20	-20	-27	10
23	120	01	ICIF	999.6	NW	18	-23	-23	-29	10
24	UNL	10		1000.0	C	00	-28	-28	-34	0
25	UNL	10		1007.9	NE	13	-27	-27	-33	0
26	UNL	10	IC	1001.1	C	00	-28	-28	-36	0
27	UNL	10	IC	1010.4	NNE	20	-25	-25	-35	0
28	070	08		1012.1	NW	09	-19	-19	-26	10
29	UNL	01	ICIF	1007.5	NNW	28	-27	-27	-35	3
30	090	01	1/2IF BS	998.1	NNE	30	-14	-14	-20	8
31	UNL	08	IC	1005.1	W	04	-22	-22	-29	10
AVG				1012.6		19	-28	-28	-35	05

RESOLUTE NWT
MARCH 1963 1800 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1006.9	SSW	03	-35	-35	-41	0
02	UNL	04	ICIF	1008.6	S	08	-32	-32	-38	6
03	UNL	04	ICIF	1009.6	SSE	15	-30	-30	-36	2
04	UNL	02	IF	1009.5	NW	07	-36			1
05	UNL	03	IF	1008.7	NW	08	-43			0
06	080	02	S-IF	1009.3	NW	11	-37			10
07	070	02	ICIF	1011.5	SE	06	-29	-29	-35	8
08	UNL	06	IF	1014.9	NNW	04	-35	-35	-41	5
09	UNL	07		1012.0	SE	20	-32	-32	-41	7
10	140	10		1017.7	NW	04	-31	-31	-40	9
11	UNL	10		1026.1	NNE	04	-32	-32	-38	5
12	UNL	05	IF	1021.5	NNW	09	-36			2
13	UNL	10		1016.9	C	00	-35	-35	-41	0
14	006	02	IF	1014.5	NW	18	-24	-24	-30	10
15	UNL	10		1023.2	ESE	11	-32	-32	-38	0
16	UNL	07		1022.7	SE	16	-35	-35	-41	0
17	120	02	IF BS	1018.8	SE	33	-29	-29	-35	9
18	000	00	BS	1017.8	ESE	44	-23	-23	-29	10
19	010	01	S-BS	1023.6	ESE	23	-18	-18	-29	10
20	UNL	04	ICIF	1028.4	N	09	-31	-31	-40	6
21	UNL	04	IC	1023.7	C	00	-31	-31	-40	3
22	060	00	1/4ICIF	1008.6	WNW	15	-25	-25	-31	10
23	UNL	10	IC	999.8	NW	14	-26	-26	-34	3
24	UNL	10	IC	1001.6	C	00	-34	-34	-44	0
25	UNL	10		1007.1	NNW	12	-28	-28	-39	0
26	UNL	10	IC	1001.3	C	00	-31	-31	-40	4
27	UNL	06	BS	1011.3	ENE	30	-24	-24	-30	1
28	080	02	BS	1011.1	NNE	35	-22	-22	-27	8
29	UNL	03	ICIF	1006.9	NW	25	-27	-27	-33	4
30	UNL	10		1000.7	E	16	-19	-19	-20	8
31	UNL	06	IC	1005.1	C	00	-27	-27	-35	9
AVG				1012.8		13	-30	-30	-37	05

RESOLUTE NWT
MARCH 1963 2100 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	08	IC	1008.0	C	00	-36			0
02	UNL	04	IC	1008.2	SSE	05	-36			3
03	UNL	08	IC	1008.9	SSE	15	-33	-33	-39	0
04	UNL	02	IC	1009.5	C	00	-38			0
05	UNL	04	IF	1008.6	NW	04	-45			0
06	UNL	02	ICIF	1008.9	NNW	10	-36			8
07	100	06	IC	1011.6	SE	06	-27	-27	-33	10
08	UNL	10		1014.8	NNW	06	-37			0
09	UNL	10		1010.8	SE	24	-26	-26	-34	4
10	140	10	S-	1018.9	C	00	-30	-30	-36	9
11	UNL	10		1026.2	WNW	06	-34	-34	-40	6
12	UNL	02	BS	1019.8	NE	24	-35	-35	-41	4
13	UNL	07		1016.1	NE	20	-37			0
14	006	01	ICIF	1015.5	NW	15	-24	-24	-30	10
15	UNL	08	IC	1024.2	SE	12	-34	-34	-40	0
16	UNL	10	IC	1020.9	SE	18	-35	-35	-41	1
17	UNL	01	IF BS	1015.7	ESE	29	-29	-29	-35	2
18	002	00	BS	1018.8	ESE	40	-22	-22	-27	10
19	010	00	3/4S-BS	1024.2	ESE	23	-18	-18	-23	10
20	UNL	05	ICIF	1028.3	C	00	-30	-30	-36	7
21	UNL	02	IC	1021.7	NNW	07	-30	-30	-39	5
22	060	00	3/4S-IF	1007.0	WNW	25	-26	-26	-32	10
23	UNL	10	IC	999.2	NW	15	-29	-29	-35	2
24	UNL	10		1003.9	ENE	20	-34	-34	-40	0
25	UNL	10	IC	1006.0	NNE	18	-28	-28	-36	2
26	120	10		1001.4	NE	17	-28	-29	-36	8
27	UNL	10		1012.2	ENE	30	-22	-22	-29	2
28	UNL	10		1010.1	NNE	34	-22	-22	-29	4
29	UNL	10		1005.9	NW	20	-30	-30	-39	5
30	UNL	10		1003.2	NE	19	-19	-19	-24	3
31	UNL	04	ICIF	1004.7	S	04	-25	-25	-31	7
AVG				1012.7		15	-30			04

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

RESOLUTE NWT
APRIL 1963 0000 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	06	IC		1004.9	ESE	03	-28	-28	-34	0
02 UNL	06	S-		1011.8	ESE	15	-29	-29	-35	7
03 UNL	04	IC		1009.9	SE	05	-33	-33	-42	0
04 UNL	06	IC		1004.2	SSE	12	-30	-30	-36	9
05 UNL	04	IC		1002.8	ESE	19	-26	-26	-32	10
06 UNL	05	ICIF		1017.5	SSW	10	-38			0
07 060	02	IC BS		1029.2	SE	26	-27	-27	-33	9
08 UNL	01	ICIF		1033.6	SSW	16	-08	-08	-12	3
09 UNL	02	IF BS		1038.0	SE	26	-04	-04	-08	4
10 UNL	10			1034.0	SE	18	00	-01	-05	0
11 UNL	15			1028.5	ESE	15	07	06	00	0
12 UNL	15			1027.5	S	04	-03	-03	-09	0
13 UNL	20			1024.1	C	00	03	02	-03	0
14 UNL	01	IF BS		1021.4	ESE	34	09	08	02	1
15 UNL	20			1025.5	C	00	02	01	-05	1
16 UNL	10	IC		1028.0	N	05	-02	-02	-08	4
17 UNL	15			1025.0	C	00	04	03	-02	0
18 UNL	20			1028.9	NW	04	05	04	-02	0
19 UNL	20			1035.1	NW	05	09	08	02	2
20 UNL	20			1028.8	NW	05	-02	-02	-08	6
21 150	20			1021.3	SE	13	02	02	-06	10
22 UNL	02	S-		1015.6	C	00	02	02	-03	8
23 150	01	1/2S-IF		1014.5	NNE	18	-01	-02	-07	10
24 UNL	10			1017.6	NE	16	-03	-03	-09	2
25 080	08			1018.7	C	00	-04	-04	-10	8
26 UNL	10			1018.9	C	00	02	-02	-08	1
27 UNL	15	IC		1019.0	N	11	-09	-09	-17	3
28 070	02	S-IF		1019.6	NNW	08	-13	-13	-19	10
29 UNL	10			1025.7	NNW	17	-12	-13	-19	0
30 UNL	10			1021.7	N	22	-07	-07	-13	1
AVG				1021.7		11	-08	-08	-14	04

RESOLUTE NWT
APRIL 1963 0300 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	06	IC		1004.9	ESE	05	-32	-32	-38	0
02 040	03	S-		1012.2	ESE	18	-28	-28	-34	10
03 UNL	02	ICIF		1009.2	ESE	10	-33	-33	-42	1
04 UNL	06	IC		1004.7	SSE	10	-31	-31	-37	6
05 060	01	S-		1001.4	ESE	27	-24	-24	-30	10
06 UNL	06	ICIF		1021.3	SE	12	-38			2
07 060	01	1/2IC BS		1029.3	SE	20	-25	-25	-31	9
08 070	01	ICIF		1035.7	SSW	16	-08	-08	-12	8
09 UNL	02	ICIF		1038.4	SE	25	-04	-04	-08	5
10 UNL	10			1035.1	SE	14	01	01	-03	0
11 UNL	15			1029.3	SE	03	-02	-02	-04	0
12 UNL	15			1027.8	NW	06	-03	-03	-09	0
13 UNL	20			1023.8	C	00	-01	-01	-08	3
14 UNL	01	1/2IF		1022.3	ESE	20	08	07	02	1
15 UNL	20			1026.0	C	00	03	02	-05	1
16 UNL	00	1/2ICIF		1027.8	NNW	15	02	02	-03	9
17 UNL	20			1024.9	NE	23	04	03	-02	1
18 UNL	20			1030.0	C	00	-01	-01	-08	0
19 UNL	20			1035.1	N	06	10	09	03	1
20 UNL	20			1028.0	C	00	-03	-03	-09	7
21 030	20			1020.2	SE	15	04	04	-03	10
22 UNL	03	S-		1016.0	C	00	00	00	-06	8
23 070	01	1/2S-IF		1014.7	N	13	-02	-02	-08	10
24 UNL	08			1018.1	C	00	-05	-05	-08	4
25 UNL	08			1018.7	C	00	-09	-04	-08	8
26 UNL	10			1018.9	NE	08	02	02	-04	0
27 UNL	20	IC		1019.5	NNE	08	-11	-11	-18	1
28 UNL	06	S-		1019.8	NW	03	-14	-14	-20	3
29 UNL	10			1025.9	NNW	07	-10	-10	-17	0
30 UNL	10			1021.0	N	23	-08	-08	-14	0
AVG				1021.9		10	-08	-08	-14	04

RESOLUTE NWT
APRIL 1963 0600 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	06	IC		1005.6	ESE	04	-33	-33	-39	0
02 120	02	1/2IC		1012.1	ESE	19	-28	-28	-34	9
03 UNL	06	IC		1008.3	ESE	11	-36			5
04 UNL	06	IC		1005.2	SSE	18	-30	-30	-36	8
05 03D	00	3/4S-BS		1000.0	ESE	27	-25	-23	-29	10
06 UNL	03	ICIF		1024.5	SE	10	-39			1
07 UNL	04	BS		1028.9	SE	28	-22	-22	-29	9
08 060	01	1/2S-		1037.2	SSE	15	-06	-06	-11	10
09 UNL	06	IC		1038.8	SE	20	-04	-04	-08	6
10 UNL	15			1031.5	SE	11	-03	-03	-08	0
11 UNL	40			1028.9	C	00	04	03	-03	0
12 UNL	40			1027.7	C	00	02	02	-04	0
13 UNL	40			1023.4	C	00	05	04	-01	2
14 UNL	10			1022.6	ESE	13	09	09	03	0
15 040	20			1026.7	C	00	05	04	-03	9
16 UNL	10			1027.8	NNE	14	-02	-02	-09	1
17 UNL	40			1024.9	E	17	06	05	00	0
18 UNL	40			1031.0	C	00	00	-01	-07	0
19 UNL	40			1034.8	C	00	04	03	-05	3
20 UNL	20			1027.1	ESE	03	-02	-03	-10	4
21 150	20			1019.0	SE	17	05	05	00	10
22 UNL	01	1/2S-		1016.0	NE	13	00	-01	-06	10
23 120	08	S-		1014.9	NNW	08	-04	-04	-10	8
24 UNL	08			1018.4	C	00	-05	-05	-11	3
25 UNL	10			1018.8	E	10	01	01	-05	5
26 UNL	06	IF		1019.2	C	00	-05	-05	-11	0
27 060	20	IC		1019.9	NNW	05	-11	-11	-18	10
28 UNL	10	IC		1020.8	WNW	04	-11	-12	-19	0
29 UNL	15			1025.9	N	23	-08	-08	-14	0
30 UNL	10			1020.2	N	25	-04	-04	-11	0
AVG				1022.0		11	-08	-08	-14	04

RESOLUTE NWT
APRIL 1963 0900 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	10	IC		1006.4	SE	04	-31	-31	-37	0
02 UNL	01	ICIF		1011.5	ESE	17	-25	-25	-31	10
03 UNL	03	ICIF		1006.8	ESE	08	-33	-33	-39	4
04 UNL	05	IC		1005.0	SE	19	-29	-29	-35	8
05 070	01	S-		999.1	SE	18	-20	-20	-25	10
06 UNL	08	IC		1026.5	SSE	09	-38			0
07 070	02	BS		1028.1	SE	30	-18	-18	-25	9
08 060	01	S-BS		1037.6	SSE	26	-04	-04	-09	10
09 UNL	08			1037.9	SE	20	-03	-04	-08	4
10 UNL	10			1030.6	ESE	21	09	08	04	0
11 UNL	10			1028.1	ESE	24	07	06	00	0
12 UNL	40			1027.3	NNE	07	06	06	-01	0
13 UNL	40			1022.4	SE	22	09	08	03	7
14 UNL	10			1023.3	NNW	06	06	06	00	0
15 030	20			1027.1	NNW	07	10	09	04	10
16 UNL	20			1027.9	WNW	10	00	00	-09	0
17 UNL	40			1024.6	ENE	04	12	12	07	0
18 UNL	40			1031.9	N	03	06	06	00	2
19 UNL	40			1034.0	NW	04	10	09	03	1
20 020	40			1026.2	N	03	02	01	-05	9
21 010	01	1/2S-		1017.5	SE	12	08	07	01	10
22 UNL	08	IC		1016.1	C	00	01	01	-08	2
23 UNL	10			1014.9	NE	30	-02	-02	-07	2
24 UNL	40			1018.2	C	00	-05	-03	-08	10
25 UNL	30			1018.8	C	00	03	03	-03	4
26 UNL	20			1019.1	C	00	00	00	-06	0
27 025	20			1020.4	WNW	06	-10	-10	-17	9
28 UNL	08			1022.2	NNE	07	-10	-10	-17	0
29 UNL	10			1029.8	N	30	-05	-05	-11	0
30 UNL	10			1019.6	N	20	00	00	-06	0
AVG				1021.8		12	-05	-05	-11	04

RESOLUTE NWT
APRIL 1963 1200 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	10	IC		1008.3	SE	04	-27	-27	-35	0
02 UNL	02	ICIF		1011.0	ESE	18	-23	-23	-29	9
03 UNL	06	IC		1005.8	SE	15	-30	-30	-36	4
04 120	02	ICIF		1004.3	SE	17	-28	-28	-34	10
05 UNL	10	IC		1000.5	WNW	10	-20	-20	-27	5
06 UNL	10	IC		1027.8	SSE	14	-34	-34	-44	0
07 012	01	BS		1027.6	SSE	32	-10	-10	-19	9
08 010	01	1/2S-BS		1038.0	S	25	00	00	-06	10
09 UNL	10			1038.0	SE	18	-02	-02	-07	3
10 UNL	10			1029.2	ESE	25	10	10	06	0
11 UNL	15			1028.4	ESE	20	07	06	00	0
12 UNL	40			1026.3	C	00	15	13	06	0
13 UNL	07			1021.9	E	39	16	15	10	1
14 UNL	10			1023.6	C	00	07	07	00	0
15 UNL	20			1027.0	N	16	09	08	02	1
16 UNL	15	IC		1026.5	W	14	-01	-02	-08	1
17 UNL	40			1025.3	C	00	08	08	02	0
18 UNL	40			1033.0	C	00	04	04	-03	0
19 UNL	40			1033.5	NW	02	11	10	03	1
20 080	40			1025.6	C	00	07	06	01	8
21 025	01	1/2S-		1016.2	S	13	09	08	03	10
22 UNL	08	IC		1016.1	ENE	04	05	04	-01	2
23 UNL	10			1015.0	NE	31	02	02	-03	1
24 150	15			1018.7	C	00	-01	-01	-07	10
25 UNL	40			1018.7	ESE	06	06	05	-01	1
26 UNL	20			1018.9	NW	05	-03	-03	-11	1
27 UNL	20			1020.4	N	07	-07	-07	-14	4
28 UNL	10			1023.2	N	17	-06	-07	-13	0
29 UNL	10			1025.9	N	20	-01	-02	-08	1
30 UNL	03	BS		1018.2	NNE	28	02	02	-03	0
AVG				1021.8		15	-03	-03	-09	03

RESOLUTE NWT
APRIL 1963 1500 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	03	IC		1009.8	SE	12	-28	-28	-34	0
02 UNL	08	IC		1010.9	SSE	08	-23	-23	-29	7
03 UNL	10			1004.9	SSE	13	-28	-28	-36	2
04 120	00	3/4ICIF		1004.3	SE	14	-26	-26	-32	10
05 UNL	01	ICIF		1004.7	W	12	-30	-30	-36	3
06 UNL	10	IC		1029.1	SSE	15	-31	-31	-40	0
07 001	00	1/2BS		1028.6	SE	27	-09	-09	-13	10
08 025	04	S-IF		1038.0	SSE	25	01	01	-03	8
09 UNL	10			1037.5	SE	14	-01	-01	-05	1
10 UNL	10			1028.3	E	15	10	10	06	0
11 UNL	40			1027.8	SE	05	08	07	03	1
12 UNL	40			1026.1	SSE	03	15	13	06	0
13 UNL	07			1021.5	E	30	16	15	11	1
14 UNL	08			1024.2	C	00	09	08	02	0
15 UNL	10	IC		1027.3	NE	16	09	09	03	4
16 UNL	15	IC		1026.0	W	08	03	02	-03	0
17 UNL	40			1026.1	C	00	07	06	01	0
18 UNL	40			1033.9	NNW	02	06	06	-01	1
19 UNL	40			1032.4	C	00	08	07	-01	0
20 020	30	IC		1025.2	C	00	07	07	02	10
21 080	02	S-		1015.9	SSW	04	09	09	03	10
22 UNL	08	IC		1015.8	NNE	15	04	03	-02	5
23 UNL	15			1017.1	N	04	03	03	-03	0
24 150	10			1018.7	C	00	03	03	-03	10
25 UNL	40			1018.9	NE	06	06	05	00	0
26 UNL	20			1018.7	WNW	04	01	00	-07	2
27 UNL	20			1020.5	N	08	-06	-06	-14	1
28 UNL	20			1024.4	N	20	-04	-05	-12	0
29 UNL	20			1029.0	N	22	00	-01	-06	7
30 UNL	04	BS		1018.1	NE	30	06	05	00	0
AVG				1022.0		14	-02	-02	-08	03

RESOLUTE NWT
APRIL 1963 1800 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	03	ICIF		1011.0	ESE	14	-30	-30	-39	1
02 UNL	08	IC		1010.9	SSE	07	-28	-28	-34	1
03 120	06	IC		1004.6	SSE	13	-29	-29	-35	8
04 120	03	ICIF		1003.9	ESE	17	-26	-26	-34	8
05 UNL	01	1/2ICIF		1009.3	W	15	-35	-35	-41	5
06 UNL	10	IC		1029.4	SE	20	-31	-31	-43	1
07 008	00	1/2S-IFBS		1029.6	S	22	-07	-07	-11	10
08 UNL	08	IC		1037.8	SE	27	-02	-02	-06	4
09 UNL	10			1036.5	ESE	08	-01	-01	-05	0
10 UNL	10	IC		1028.6	E	20	05	05	01	0
11 UNL	40			1027.8	ESE	03	06	06	01	0
12 UNL	40			1025.5	E	02	17	15	11	0
13 UNL	03	BS		1020.7	ESE	46	15	14	09	1
14 UNL	15			1024.7	S	06	09	08	02	0
15 UNL	10	IC		1027.7	N	18	04	03	-02	3
16 UNL	15	IC		1025.2	NNE	30	06	06	-01	0
17 UNL	40			1027.2	C	00	04	03	-03	0
18 UNL	40			1034.8	C	00	10	09	03	2
19 UNL	40			1031.4	NNW	04	07	06	-01	0
20 050	15	S-		1024.2	C	00	07	07	01	10
21 120	06	S-		1015.9	C	00	08	07	02	6
22 UNL	02	ICIF		1015.7	NNE	17	01	00	-06	10
23 UNL	15			1017.0	NNE	20	02	02	-04	1
24 UNL	10			1018.7	C	00	02	01	-05	10
25 UNL	40			1018.8	N	02	04	03	-03	0
26 UNL	20			1018.5	WNW	06	01	00	-07	7
27 UNL	20			1020.3	N	13	-08	-08	-16	0
28 UNL	03	BS		1024.9	N	32	-04	-04	-11	2
29 UNL	10			1024.9	N	25	-03	-03	-08	3
30 UNL	20			1019.7	WNW	10	04	04	-02	0
AVG				1022.2		13	-03	-04	-10	03

RESOLUTE NWT
APRIL 1963 2100 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01 UNL	05	ICIF		1011.6	ESE	16	-31	-31	-40	7
02 UNL	06	IC		1010.7	SE	07	-34	-34	-44	0
03 UNL	06	IC		1003.9	SSE	12	-30	-30	-36	9
04 015	02	1/2ICIF		1003.6	ESE	14	-26	-26	-32	10
05 UNL	03	ICIF		1013.4	SW	16	-37			3
06 UNL	10	IC		1029.4	ESE	16	-32	-32	-38	2
07 010	01	S-IF		1031.3	S	16	-06	-06	-10	10
08 UNL	03	IC BS		1037.6	SE	28	-05	-05	-09	3
09 UNL	10			1035.0	SE	13	-02	-02	-07	0
10 UNL	40			1028.4	SE	15	08	07	01	0
11 UNL	15			1027.6	SE	04	04	04	-02	0
12 UNL	40			1024.6	NE	07	13	12	05	0
13 UNL	05	BS		1021.2	ESE	32	12	11	05	4
14 UNL	25			1024.9	C	00	05	05	-02	0
15 UNL	10	IC		1028.0	C	00	04	03	-02	3
16 UNL	15			1024.4	NNE	38	03	02	-03	0
17 UNL	40			1028.0	C	00	06	05	-01	0
18 UNL	40			1034.9	C	00	04	03	-03	6
19 UNL	40			1030.0	WSW	03	07	06	00	4
20 UNL	40			1023.0	ESE	08	01	01	-04	6
21 UNL	01	1/2S-		1016.0	C	00	05	05	-01	10
22 UNL	03	ICIF		1014.9	NNE	14	-02	-03	-08	8
23 UNL	15			1017.5	NE	20	-02	-02	-07	1
24 UNL	10			1015.6	C	00	-01	-01	-08	9
25 UNL	40			1018.8	SE	05	01	01	-05	0
26 040	15	S-		1018.5	NW	05	-02	-03	-09	8
27 UNL	20			1020.0	N	15	-10	-11	-17	0
28 UNL	08			1026.3	NNW	09	-10	-10	-18	0
29 UNL	10			1023.2	N	27	-06	-07	-12	0
30 UNL	20			1019.1	NNE	30	05	05	-05	0
AVG				1022.0		12	-05	-06	-11	05

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

RESOLUTE NWT
MAY 1963 0000 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1019.4	N	23	00	00	-06	9
02	UNL	07		1018.9	NW	15	03	02	-03	9
03	UNL	10		1016.8	N	12	03	03	-04	10
04	026	06	S-	1013.3	NNW	12	06	05	-01	10
05	UNL	15		1017.6	NE	28	04	03	-03	0
06	UNL	20		1020.3	NNE	23	01	01	-05	0
07	UNL	40		1018.1	C	00	02	02	-05	0
08	UNL	40		1017.4	C	00	03	04	-02	1
09	UNL	40		1019.8	N	08	03	02	-04	0
10	010	20	S-	1009.1	SE	12	12	11	07	10
11	065	03	S-	1004.9	C	00	13	12	07	9
12	008	02	S-	1007.5	WNW	10	11	10	07	10
13	010	06	S-	1009.4	WNW	08	07	07	03	10
14	UNL	03	IF	1014.7	NNW	13	00	00	-06	4
15	UNL	20		1014.8	NNW	04	-04	-04	-11	9
16	010	08	S-	1015.4	NW	05	06	05	00	10
17	015	20		1019.7	NNW	07	02	02	-05	9
18	015	06	S-	1020.8	S	06	08	08	02	10
19	015	06	S-	1025.6	N	12	08	07	03	10
20	050	10		1027.5	WNW	12	16	15	10	9
21	006	10		1028.1	SE	04	24	23	21	10
22	002	02	S-IF	1021.9	W	10	23	22	18	10
23	030	10		1000.0	NE	18	20	19	16	9
24	070	10		1009.2	N	13	15	14	10	10
25	UNL	10		1008.3	NE	12	07	06	00	10
26	025	15		1010.5	NW	10	11	11	05	10
27	025	20		1012.1	NW	09	11	10	04	10
28	040	10	S-	1016.6	NNE	05	12	10	05	10
29	025	10	S-	1020.7	WNW	06	11	10	04	10
30	018	10	S-	1020.5	SSE	14	12	11	05	10
31	010	02	S-	1014.2	NE	18	19	18	14	10
AVG				1014.8		11	09	08	03	07

RESOLUTE NWT
MAY 1963 0300 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1019.7	WNW	04	-02	-02	-08	7
02	UNL	05	IF	1017.6	WSW	06	-03	-03	-08	8
03	UNL	06	IC	1016.1	NW	05	04	04	-02	8
04	070	02	S-	1012.9	NNW	10	07	07	01	10
05	UNL	15		1019.0	NE	22	01	00	-06	0
06	UNL	40		1020.5	NW	10	-01	-02	-08	0
07	UNL	40		1018.1	C	00	01	01	-07	0
08	UNL	40		1017.5	C	00	05	04	-02	1
09	UNL	40		1015.3	ESE	10	00	-01	-07	0
10	020	20		1008.3	SSE	11	10	09	04	8
11	015	03	S-	1005.5	NNW	03	12	12	07	9
12	008	02	S-	1007.9	W	08	05	05	00	10
13	020	10	S-	1010.0	NW	08	00	00	-06	9
14	UNL	10		1015.4	WNW	07	-02	-02	-08	4
15	020	20		1015.0	NW	05	-02	-03	-08	10
16	010	08	S-	1015.8	NNW	05	05	05	00	10
17	015	20		1020.1	NW	07	04	03	-02	10
18	015	06	S-	1021.1	SSE	11	08	07	02	10
19	015	10	S-	1025.8	NNW	10	08	08	03	10
20	060	15		1027.9	WNW	07	17	16	11	10
21	010	10		1021.1	C	00	23	23	21	10
22	003	01	1/2S-	1000.4	WNW	13	23	22	18	10
23	030	10		1001.8	NE	17	20	19	16	9
24	090	10		1004.8	N	20	12	11	06	10
25	UNL	10	IC	1008.6	C	00	08	07	01	10
26	025	05	S-	1010.5	NW	12	09	09	03	10
27	025	10	S-	1012.5	WNW	05	10	09	04	10
28	040	10	S-	1017.3	NNE	05	11	10	04	10
29	025	10	S-	1021.0	W	06	11	10	05	10
30	018	15	S-	1020.8	SE	11	11	10	04	10
31	020	05	S-	1013.0	ENE	16	20	19	14	10
AVG				1014.9		08	08	07	02	08

RESOLUTE NWT
MAY 1963 0600 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	150	10		1019.3	NNW	20	00	00	-06	8
02	UNL	10		1017.2	NNE	25	-01	-01	-07	1
03	040	02	S-	1015.3	C	00	06	06	01	10
04	020	10		1013.3	NNE	19	06	05	00	7
05	UNL	40		1019.8	NNE	18	04	03	-03	0
06	UNL	40		1020.3	W	04	00	-01	-06	0
07	UNL	40		1018.1	C	00	02	02	-05	0
08	UNL	40		1017.0	C	00	08	07	01	0
09	UNL	40		1014.8	SE	05	06	05	-02	0
10	010	01	1/2S-	1007.6	SSE	03	10	10	05	10
11	UNL	03	S-	1005.6	NW	02	11	10	04	9
12	070	05	S-	1007.9	WNW	04	01	01	-04	9
13	009	10	S-	1010.3	WNW	04	03	02	-03	10
14	UNL	10	IC	1015.7	NW	14	-02	-02	-09	4
15	015	15	S-	1014.5	W	03	-05	-05	-11	10
16	018	10	S-	1016.3	NNE	06	05	05	-01	10
17	015	20		1020.5	NW	10	05	05	-01	10
18	015	06	S-	1021.8	SSE	08	08	07	02	10
19	015	10	S-	1026.5	NW	15	09	09	04	10
20	025	15		1027.9	NNW	04	18	17	13	10
21	UNL	40		1018.6	C	00	23	22	20	7
22	003	04	F	999.4	WNW	05	23	23	20	10
23	026	07	S-	1003.3	NE	18	21	20	17	10
24	025	05	S-	1004.6	N	15	11	11	05	10
25	UNL	10		1008.9	NNE	05	11	10	04	6
26	020	04	S-	1010.2	NW	12	11	10	05	10
27	090	05	S-	1012.5	W	05	10	10	04	10
28	030	15		1018.3	NNE	08	12	11	05	10
29	025	10	S-	1020.8	WSW	07	11	10	05	10
30	018	15	S-	1020.6	SE	07	11	10	03	10
31	015	03	S-	1012.1	E	30	21	20	15	10
AVG				1014.8		09	08	08	02	07

RESOLUTE NWT
MAY 1963 0900 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1018.7	N	28	09	08	03	8
02	UNL	10		1017.9	NNE	32	04	03	-03	2
03	UNL	10	IC	1014.7	C	00	11	10	06	2
04	UNL	10		1013.9	NNE	22	06	05	00	3
05	UNL	40		1019.9	NNE	24	05	04	-02	0
06	UNL	40		1019.4	N	08	01	00	-05	0
07	UNL	40		1017.6	C	00	03	02	-05	0
08	UNL	40		1016.9	C	00	12	10	04	0
09	UNL	40		1014.2	SE	10	06	06	-02	1
10	010	03	S-	1006.8	C	00	13	12	08	10
11	015	10	S-	1005.9	NW	02	16	15	11	10
12	UNL	04	IC	1007.6	WNW	05	09	08	04	2
13	UNL	04	S-	1011.1	NW	07	07	06	00	9
14	UNL	10	IC	1015.6	NNW	16	01	00	-07	1
15	020	15	S-	1014.0	WNW	06	02	02	-05	10
16	UNL	05	IC	1016.3	N	08	05	05	00	3
17	015	10	S-	1020.9	NW	10	07	06	01	10
18	014	10	S-	1023.1	S	05	08	08	02	10
19	015	05	S-	1026.9	NNW	20	10	09	03	10
20	016	15		1027.9	NW	06	21	20	17	10
21	010	15		1016.0	C	00	22	21	18	10
22	002	03	S-F	998.0	NW	07	27	26	24	10
23	020	08	S-	1004.0	NE	17	20	19	15	10
24	020	03	BS	1004.4	N	24	13	12	06	10
25	UNL	10		1008.5	NE	23	15	14	08	5
26	010	02	S-F	1009.8	NW	15	13	12	08	10
27	030	03	S-	1012.4	W	03	13	12	07	10
28	025	15	S-	1018.8	N	06	12	11	04	10
29	025	10	S-	1020.8	WSW	06	12	11	05	10
30	025	10	S-	1019.7	ESE	16	13	12	07	10
31	015	03	S-	1011.3	E	23	25	23	20	10
AVG				1014.6		11	11	10	05	07

RESOLUTE NWT
MAY 1963 1200 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1018.2	N	30	09	08	03	3
02	UNL	10		1017.3	NNE	22	06	06	-01	3
03	UNL	06	IC	1014.7	C	00	12	11	06	10
04	UNL	15		1014.4	NNE	29	09	08	03	0
05	UNL	40		1020.1	NNE	20	08	07	02	0
06	UNL	40		1019.2	ENE	04	10	09	03	0
07	UNL	40		1017.9	C	00	08	07	-01	0
08	UNL	40		1016.8	C	00	11	10	03	0
09	UNL	40		1012.7	SE	12	10	09	03	3
10	140	03	S-	1006.2	C	00	15	14	10	10
11	020	10		1006.4	NNW	05	15	14	09	10
12	UNL	05	IC	1007.5	WNW	02	05	05	-02	6
13	080	02	S-	1011.5	NNW	18	10	09	04	10
14	UNL	20	IC	1015.7	NNW	12	04	03	-03	3
15	010	15	S-	1014.1	WNW	12	08	07	02	9
16	UNL	20		1016.9	NNE	15	07	06	01	2
17	012	10	S-	1021.0	WNW	05	09	08	03	10
18	015	10		1024.1	S	06	08	08	03	10
19	016	04	S-	1027.0	NNW	17	13	12	06	10
20	010	15		1027.7	NW	03	23	22	18	10
21	006	04	S-	1019.2	WSW	09	22	21	18	10
22	007	02	S-F	998.0	NW	15	26	25	22	10
23	030	06	S-	1004.6	NE	19	22	21	17	9
24	UNL	04	IF	1004.9	N	23	12	11	06	10
25	UNL	15	IC	1008.9	NNE	17	19	17	12	4
26	014	06	S-	1010.4	N	15	13	12	07	10
27	030	05	S-	1013.0	NW	07	12	11	05	10
28	025	20	S-	1019.5	NNW	03	12	11	04	10
29	020	15	S-	1020.7	WSW	07	12	11	04	10
30	028	10	S-	1019.2	E	15	14	13	08	10
31	018	02	F	1010.6	ENE	23	25	24	22	10
AVG				1014.6		12	13	12	06	07

RESOLUTE NWT
MAY 1963 1500 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1018.3	N	28	09	08	03	2
02	UNL	20		1017.8	NNW	16	09	08	02	9
03	UNL	08		1015.0	NNW	05	07	06	00	4
04	UNL	10		1015.4	NE	14	10	09	04	4
05	UNL	40		1020.5	NNE	20	12	11	06	0
06	UNL	40		1019.0	NNW	08	10	09	04	0
07	UNL	20		1017.9	C	00	09	08	02	0
08	UNL	40		1016.8	WNW	04	12	10	04	0
09	UNL	40		1011.6	SE	12	13	12	06	4
10	UNL	04	S-	1005.6	S	02	13	12	07	10
11	020	06	S-	1007.1	NNW	08	19	14	09	10
12	UNL	06	IC	1008.1	WNW	06	06	06	00	4
13	090	07		1012.8	NNW	19	11	10	05	7
14	UNL	20		1015.7	NW	14	05	05	-02	5
15	010	10	S-	1014.8	NW	08	07	07	01	10
16	015	40		1017.9	N	07	08	08	01	8
17	010	08	S-	1021.9	W	09	10	10	05	10
18	015	10	S-	1024.9	C	00	10	09	05	10
19	015	03	S-	1027.3	NW	16	14	13	08	10
20	008	10		1027.4	NW	05	24	23	19	10
21	008	06	S-	1010.7	W	12	22	21	18	10
22	UNL	10		998.0	N	16	25	24	20	9
23	UNL	10		1005.4	ENE	14	24	23	20	7
24	UNL	06	IC	1006.2	N	20	13	12	07	10
25	020	15	S-	1009.4	NNE	18	17	16	11	9
26	014	06	S-	1011.2	N	17	14	13	09	10
27	030	10	S-	1014.0	NNW	03	14	13	08	10
28	025	20		1020.0	NNW	04	13	12	06	10
29	017	15	S-	1020.7	S	10	12	11	04	10
30	035	10	S-	1017.9	NE	17	17	15	10	10
31	020	02	1/2F	1010.5	E	30	25	24	22	10
AVG				1014.8		12	13	12	07	07

RESOLUTE NWT
MAY 1963 1800 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1019.4	NNW	18	09	08	03	7
02	UNL	15		1017.9	N	17	09	08	02	10
03	UNL	15		1014.9	NW	04	07	07	00	5
04	UNL	10		1015.8	NE	24	10	09	05	1
05	UNL	40		1021.0	N	18	09	09	03	0
06	UNL	40		1018.7	C	00	12	11	04	0
07	UNL	20		1018.1	C	00	10	09	03	0
08	UNL	40		1016.7	C	00	14	13	06	0
09	UNL	40		1010.5	SE	12	15	14	08	9
10	020	06	S-	1005.3	C	00	16	15	11	10
11	004	04	S-	1007.6	NNW	09	15	14	09	10
12	UNL	06	IC	1008.5	WNW	09	07	06	01	4
13	UNL	10		1013.7	NNW	14	09	08	02	1
14	UNL	20		1015.6	NW	12	05	04	-02	2
15	015	10	S-	1014.9	NW	07	07	06	00	10
16	UNL	40		1018.8	NNW	10	07	06	01	2
17	010	08	S-	1021.2	SW	03	10	09	05	10
18	027	08	S-	1025.5	NW	02	10	10	05	10
19	015	08	S-	1027.6	NW	12	17	16	11	10
20	010	10	S-	1027.1	NW	04	25	24	21	10
21	007	10	S-	1027.6	SW	06	21	20	16	10
22	015	10		998.4	N	16	22	21	17	9
23	UNL	10		1005.7	NNE	15	20	19	15	2
24	UNL	06	IC	1007.2	N	17	12	11	05	10
25	020	15	S-	1009.8	NNE	25	17	16	11	10
26	025	10	S-	1012.2	N	17	13	12	05	10
27	030	10	S-	1014.8	N	04	13	12	06	10
28	023	20		1020.3	W	07	14	13	07	10
29	018	10	S-	1020.9	SSE	08	12	11	04	10
30	025	02	S-	1016.2	ENE	12	20	19	15	10
31	070	03	BS	1010.2	E	26	25	24	22	10
AVG				1014.9		11	13	12	07	07

RESOLUTE NWT
MAY 1963 2100 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	090	15		1018.4	NNW	20	07	06	00	7
02	UNL	15		1017.4	N	16	08	07	01	10
03	UNL	15		1014.3	NW	08	04	03	-03	9
04	UNL	10		1017.2	NE	26	06	05	-01	0
05	UNL	20		1021.0	N	08	05	04	-02	0
06	UNL	40		1018.2	C	00	09	09	02	0
07	UNL	40		1017.7	C	00	05	05	-02	0
08	UNL	40		1016.2	NW	03	09	08	01	0
09	UNL	40		1009.9	ESE	10	12	11	05	4
10	070	04	S-	1004.9	C	00	13	12	04	10
11	008	03	S-	1007.6	NW	08	12	12	08	10
12	010	06	S-	1008.9	NW	07	05	04	00	9
13	UNL	20		1014.3	NW	10	05	04	-02	2
14	UNL	20		1014.9	NW	06	02	01	-05	2
15	017	10	S-	1015.0	NW	08	07	06	00	10
16	UNL	20		1019.0	NW	12	05	04	-01	5
17	014	04	S-	1020.6	SW	08	10	09	05	10
18	020	08	S-	1025.6	WNW	02	09	09	04	10
19	015	20	S-	1027.6	NW	10	17	16	12	9
20	010	08		1025.5	C	00	25	24	21	10
21	009	02	1/2S-	1004.8	WSW	05	22	21	17	10
22	UNL	06	S-	998.2	ENE	21	22	21	17	10
23	UNL	10		1005.5	NNE	23	16	15	11	5
24	UNL	06	IC	1007.9	NW	07	09	08	02	10
25	080	15		1010.1	N	19	13	12	07	8
26	020	20		1012.2	NNW	12	11	10	04	10
27	025	10	S-	1015.7	NNE	05	12	11	05	10
28	025	10		1020.5	W	05	12	11	05	10
29	020	10	S-	1020.8	SE	09	11	10	04	10
30	002	00	3/4BS	1015.3	E	35	22	21	17	10
31	015	01	BS	1010.3	E	18	24	23	20	10
AVG				1014.7		10	11	10	05	07

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

RESOLUTE NWT
JUNE 1963 0000 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	020	10		1010.2	E	09	24	23	19	10
02	140	20		1012.9	NNW	13	22	21	17	10
03	010	20		1017.4	NNW	12	20	18	12	9
04	010	15		1020.9	NNW	13	28	26	23	10
05	015	15	ZL-	1020.3	NNW	08	25	24	20	10
06	010	40		1022.2	N	12	25	22	19	10
07	UNL	00	F	1026.6	C	00	24	23	20	6
08	150	40		1027.4	SE	23	28	26	22	9
09	020	10	E-	1024.7	SE	28	32	30	28	10
10	001	01	L-	1028.0	SSW	18	31	30	29	10
11	010	10	SW-	1024.3	S	10	30	29	26	10
12	UNL	40		1021.0	SE	12	32	30	25	3
13	160	20		1019.1	ESE	05	33	30	25	8
14	UNL	40		1016.2	NNW	05	34	30	23	3
15	006	20		1017.5	NNW	15	34	33	32	10
16	010	15	S-	1019.0	NNW	20	31	29	25	10
17	000	00	1/2S-F	1013.6	W	11	32	31	31	10
18	015	10		1016.8	N	16	32	30	26	9
19	006	10	SW-	1017.1	S	02	28	26	21	10
20	003	20		1006.3	E	10	30	28	25	9
21	UNL	40		1011.2	N	10	31	28	22	0
22	013	40		1012.4	N	13	29	27	22	9
23	007	40		1013.6	WNW	04	31	28	22	10
24	UNL	40		1011.6	ME	18	33	30	25	2
25	UNL	40		1017.6	N	10	35	32	27	1
26	UNL	00	1/8ZL-F	1014.4	WNW	05	29	29	27	9
27	010	40		1007.5	NW	12	32	30	27	9
28	002	10	S-	1007.7	W	13	31	29	25	10
29	010	20		1015.4	W	05	32	30	26	8
30	070	40		1019.4	SSE	04	33	31	28	8
AVG				1017.1		11	30	28	24	08

RESOLUTE NWT
JUNE 1963 0300 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	140	20		1010.2	E	13	24	23	19	10
02	040	20		1013.7	NW	11	20	19	15	10
03	010	15		1018.0	NNW	09	21	19	12	10
04	015	15		1021.4	NNW	13	27	26	22	10
05	001	15		1020.6	NNW	12	19	18	14	9
06	UNL	10		1022.7	NW	15	20	19	16	3
07	UNL	10		1026.8	SE	07	21	20	16	5
08	UNL	40		1027.6	SE	20	28	26	22	9
09	015	01	1/2E-F	1024.7	S	20	32	31	29	10
10	002	07		1028.5	SSW	14	31	30	29	10
11	005	01	1/2S-	1023.5	S	12	30	29	27	10
12	UNL	40		1021.3	SE	10	32	31	27	0
13	UNL	40		1018.7	SE	07	31	28	22	3
14	UNL	40		1016.3	NNW	02	34	30	24	4
15	006	15		1018.0	NNW	18	33	32	32	10
16	008	20		1019.1	N	20	30	28	23	9
17	004	10	S-	1013.5	NW	12	30	30	29	9
18	015	20		1017.2	NNW	15	30	28	23	10
19	012	20		1016.0	C	00	29	27	22	10
20	UNL	40		1006.8	ENE	12	29	27	23	10
21	UNL	40		1011.3	NNW	08	30	27	21	1
22	012	40		1012.4	NNW	15	29	27	22	10
23	004	40	S-	1013.4	WNW	05	31	28	24	10
24	UNL	40		1012.1	NE	20	32	29	24	1
25	UNL	40		1018.0	NW	07	34	31	28	0
26	010	00	1/4ZL-F	1013.4	W	05	29	28	27	10
27	010	40		1007.3	NW	10	32	30	27	9
28	002	05	S-	1007.8	W	12	31	29	26	10
29	010	40		1016.8	WNW	05	30	28	24	9
30	001	10	S-	1020.0	SE	03	32	29	26	10
AVG				1017.2		11	29	27	23	08

RESOLUTE NWT
JUNE 1963 0600 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	150	15		1010.6	NE	03	24	23	19	10
02	040	20		1013.9	NNW	18	20	19	15	9
03	003	10		1018.9	NW	14	20	19	15	10
04	015	40		1021.7	NNW	12	27	25	22	10
05	UNL	15	ZL-	1020.8	NW	11	21	20	16	8
06	UNL	05	F	1023.4	NW	06	19	18	15	3
07	150	40		1027.3	SSE	20	23	22	18	10
08	100	40		1027.4	ESE	23	29	27	22	9
09	010	15		1025.8	S	12	32	31	29	10
10	002	20		1028.3	SSW	17	31	30	29	10
11	008	40		1022.8	SE	11	29	27	24	10
12	UNL	40		1021.4	SE	13	34	32	28	0
13	UNL	40		1018.3	SE	07	33	30	26	5
14	UNL	40		1016.1	NW	06	35	31	24	1
15	006	20		1018.6	NNW	14	32	32	30	8
16	150	20		1018.5	NNW	17	31	29	26	9
17	008	20		1014.1	NNW	13	31	28	24	6
18	010	20	SW-	1017.5	WNW	04	29	27	23	9
19	010	10	SW-	1014.6	SE	09	27	25	20	10
20	UNL	40		1007.7	N	06	32	29	24	2
21	UNL	40		1011.2	N	08	31	28	22	0
22	015	40	S-	1012.4	NNW	07	29	26	22	10
23	001	01	1/2F	1015.0	WNW	03	31	30	28	10
24	UNL	40		1013.0	NNE	18	35	32	27	1
25	UNL	40		1018.0	NW	04	33	30	25	1
26	008	10		1012.1	W	08	29	28	26	10
27	080	40		1007.2	NNW	21	32	30	27	7
28	002	10		1008.2	WNW	12	32	30	28	10
29	010	40		1017.8	WSW	05	30	29	26	10
30	001	00	1/2F	1020.0	SSE	06	32	30	26	10
AVG				1017.4		11	29	27	24	07

RESOLUTE NWT
JUNE 1963 0900 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	090	10		1010.5	C	00	25	24	21	10
02	UNL	20		1014.2	NNW	12	21	20	15	7
03	003	10		1019.3	N	10	20	19	15	10
04	007	10	S-	1021.4	NW	17	28	27	24	10
05	UNL	20		1020.7	NNW	14	22	20	16	2
06	UNL	40		1023.5	NNW	16	23	21	18	2
07	UNL	40		1027.7	SE	16	26	25	21	10
08	060	20		1026.0	SE	28	29	27	22	10
09	006	10		1026.2	S	15	32	31	29	10
10	003	40		1028.2	SSW	16	30	29	26	10
11	006	10		1021.4	SE	22	30	28	25	10
12	UNL	20		1020.8	SE	16	34	31	28	6
13	UNL	40		1017.7	SE	06	34	31	27	2
14	UNL	40		1016.1	NW	03	36	32	26	1
15	UNL	20		1018.7	NNW	20	33	31	29	5
16	010	40		1017.2	NW	14	32	30	25	10
17	010	04	SW-	1014.5	WNW	12	31	29	24	10
18	012	15	SW-	1017.6	WNW	12	30	28	23	9
19	UNL	20		1012.2	ESE	18	31	29	24	8
20	UNL	40		1008.2	NNE	15	35	32	27	2
21	UNL	40		1011.3	NE	11	35	32	29	1
22	015	40		1012.6	NNW	10	32	29	24	10
23	023	01	1/2S-F	1013.1	NW	02	31	30	28	10
24	UNL	40		1013.8	NNW	08	35	32	28	1
25	UNL	40		1017.7	WNW	08	34	31	26	2
26	008	02	S-F	1010.6	WSW	08	29	27	25	10
27	010	20	S-	1007.8	NNW	17	34	32	29	9
28	001	03	SW-	1009.1	WNW	13	32	30	28	9
29	010	40		1018.3	C	00	33	31	29	7
30	004	03	S-	1019.9	S	05	33	31	28	10
AVG				1017.2		12	30	28	25	07

RESOLUTE NWT
JUNE 1963 1200 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	040	10		1010.9	NW	07	27	26	23	10
02	UNL	20		1014.5	NNW	10	24	23	18	7
03	007	10		1019.7	NNW	08	21	19	14	10
04	012	10	S-	1021.3	NNW	14	28	26	23	10
05	010	20		1020.9	N	10	24	23	19	8
06	UNL	40		1024.3	N	11	26	25	20	5
07	UNL	40		1027.7	SE	26	30	28	25	10
08	060	40		1025.5	SE	32	31	29	24	10
09	005	20		1027.8	S	16	32	31	29	10
10	005	40		1027.5	SSW	20	32	31	29	10
11	080	40		1021.1	SE	16	33	31	27	9
12	UNL	20		1020.9	SSE	11	35	33	29	2
13	UNL	40		1017.3	SE	06	34	31	27	1
14	UNL	40		1016.9	W	05	35	32	28	2
15	UNL	20		1018.6	N	18	33	32	29	6
16	UNL	40		1016.2	W	15	33	30	26	4
17	010	10	SW-	1015.0	W	15	32	30	26	9
18	010	20		1017.6	WNW	06	31	28	23	9
19	070	40		1010.0	ESE	17	32	29	26	9
20	UNL	40		1009.0	NNE	13	37	34	30	2
21	UNL	40		1011.4	NE	15	36	33	29	2
22	006	40		1012.8	N	10	34	31	27	10
23	020	10	S-	1012.9	WNW	03	32	31	29	10
24	UNL	40		1014.2	NNE	13	38	34	27	3
25	UNL	40		1017.0	WNW	14	35	32	27	3
26	004	01	3/4S-F	1009.6	W	08	29	28	26	10
27	010	20		1008.0	NW	16	35	33	30	10
28	006	10	SW-	1010.1	W	18	33	31	28	8
29	070	40		1018.4	W	02	35	32	29	9
30	001	02	S-	1019.9	SE	07	33	32	31	10
AVG				1017.2		13	32	30	26	07

RESOLUTE NWT
JUNE 1963 1500 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	090	20		1011.4	NNW	12	28	27	24	9
02	150	20		1015.3	NNW	09	25	24	20	9
03	008	10		1020.1	NNW	13	25	24	20	10
04	015	10	S-	1021.5	NW	15	28	27	23	10
05	UNL	20		1021.0	N	10	25	24	20	5
06	UNL	40		1025.3	NNW	08	27	25	21	7
07	UNL	40		1028.1	SE	28	32	30	26	10
08	060	40		1028.6	SE	28	32	30	26	10
09	060	40		1027.8	S	17	32	31	29	9
10	006	40		1027.0	SSW	24	32	31	28	10
11	020	40		1020.7	SE	15	35	32	29	9
12	UNL	30		1020.6	SE	11	34	32	28	4
13	UNL	40		1017.3	C	00	40	35	28	1
14	UNL	40		1016.7	W	06	36	33	29	2
15	UNL	20		1019.2	NNW	15	33	31	29	8
16	010	40		1015.4	W	18	33	30	26	9
17	010	10	SW-	1015.4	WNW	13	32	30	26	8
18	010	20		1017.7	WSW	08	32	29	25	8
19	040	40		1008.2	E	26	34	32	29	9
20	UNL	40		1010.2	NNE	08	38	34	29	2
21	UNL	40		1011.5	NNE	10	37	33	28	6
22	010	40		1013.1	NNW	12	33	30	25	10
23	006	20		1011.9	WNW	07	34	32	31	9
24	UNL	40		1015.1	N	12	39	36	31	3
25	UNL	40		1017.1	WNW	10	34	31	26	0
26	004	03	F	1008.6	WNW	10	30	29	27	10
27	012	15	SW-	1008.5	NW	15	35	34	32	9
28	005	04	SW-	1011.6	W	12	33	31	28	9
29	060	40		1018.9	WSW	06	34	32	28	10
30	001	00	3/4S-	1019.7	SE	09	34	33	31	10
AVG				1017.3		13	33	30	27	08

RESOLUTE NWT
JUNE 1963 1800 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1012.0	NNW	08	28	26	22	7
02	UNL	20		1016.2	NNW	08	24	22	16	2
03	009	10		1020.6	NNW	20	25	24	21	10
04	014	10	6-	1020.8	NNW	14	27	26	23	10
05	010	40		1021.7	NNW	08	25	24	20	9
06	UNL	40		1025.8	ME	05	27	25	20	5
07	070	40		1027.9	SE	22	32	30	26	10
08	025	40		1025.8	SE	28	32	30	26	10
09	007	40		1027.8	S	20	32	31	29	10
10	009	40		1026.1	SSW	18	32	31	28	10
11	035	40		1020.9	SE	14	35	33	29	9
12	140	30		1020.4	SE	06	35	32	27	9
13	UNL	40		1017.0	NW	02	39	34	24	1
14	UNL	40		1016.9	WNW	06	36	34	30	2
15	UNL	40		1019.3	N	20	34	31	28	5
16	003	20		1014.5	WNW	15	32	31	28	10
17	010	10	SW-	1015.9	WNW	13	33	31	27	9
18	010	40		1017.9	WSW	04	31	28	23	9
19	070	40		1006.0	E	21	31	29	26	9
20	UNL	40		1010.5	N	14	36	35	29	2
21	020	40		1012.1	NNW	19	35	31	28	6
22	020	40		1013.9	NW	07	35	30	26	10
23	020	10		1011.5	C	00	35	34	32	9
24	UNL	40		1016.1	N	17	39	36	30	1
25	UNL	40		1016.3	W	12	34	31	27	4
26	000	00	1/8L-F	1007.6	WNW	16	31	31	30	10
27	010	20		1008.6	WSW	10	33	32	30	10
28	UNL	20		1013.0	W	10	33	31	29	4
29	010	40		1019.5	WSW	06	34	32	29	9
30	001	00	3/4S-	1019.4	SE	04	31	30	28	10
AVG				1017.4		12	32	30	26	07

RESOLUTE NWT
JUNE 1963 2100 CST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	140	15		1012.4	NNW	07	26	25	22	9
02	070	20		1016.8	NNW	08	22	21	16	9
03	010	20		1020.7	WNW	04	27	26	23	10
04	015	15	S-	1020.4	NNW	17	26	25	22	10
05	009	40		1021.8	NNW	11	24	23	19	9
06	UNL	40		1025.7	WNW	02	23	24	20	0
07	150	40		1027.7	SE	20	29	27	23	6
08	025	10	E-	1025.2	SE	25	32	30	28	10
09	008	40		1026.0	S	20	32	31	29	10
10	010	40		1025.4	S	20	31	30	27	10
11	UNL	60		1020.8	SE	13	35	32	29	2
12	UNL	40		1019.6	SE	10	34	31	27	7
13	UNL	40		1016.6	C	00	37	32	24	1
14	004	40		1017.6	NNW	14	34	33	32	10
15	UNL	40		1019.3	N	21	32	30	26	4
16	000	00	3/4L-F	1014.0	WNW	12	32	32	31	10
17	010	20		1016.9	NNW	12	33	30	27	10
18	010	20		1017.7	W	05	30	27	22	7
19	010	15		1005.5	ENE	20	32	32	27	10
20	UNL	40		1010.8	N	15	33	31	26	0
21	015	40		1012.2	N	11	32	29	24	8
22	020	40		1013.6	W	10	32	29	25	10
23	UNL	20		1011.9	NNE	09	36	33	32	5
24	UNL	40		1017.3	N	16	38	34	29	1
25	010	40		1015.5	W	10	32	30	26	9
26	100	10		1007.5	NNW	20	34	33	31	9
27	010	20		1008.0	W	15	32	30	26	10
28	010	15	SW-	1014.1	WNW	07	32	30	26	8
29	010	40	S-	1019.1	SW	11	34	32	28	10
30	002	05	L-	1018.8	SE	12	34	32	31	10
AVG				1017.3		13	31	30	26	08

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

SACHS HARBOUR NWT
JANUARY 1963 0100 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1014.5	SE	10	-20	-20	-25	1
02	UNL	15		1017.8	ENE	12	-25	-25	-31	1
03	UNL	15		1021.4	SE	10	-29	-29	-35	2
04	UNL	15		1025.2	ENE	10	-36			2
05	UNL	15		1024.0	ESE	06	-28	-28	-34	2
06	UNL	15		1023.4	SE	06	-29	-29	-35	0
07	UNL	15		1019.8	ESE	06	-32	-32	-38	3
08	UNL	15		1029.4	ENE	12	-32	-32	-38	4
09	UNL	15		1040.2	NW	08	-38			3
10	UNL	12		1035.3	SE	20	-35			4
11	070	12		1020.9	SSE	20	-18	-18	-22	10
12	UNL	12		1029.2	NW	12	-35			3
13	UNL	15		1034.6	N	12	-41			3
14	UNL	10		1035.4	NNW	20	-38			3
15	UNL	15		1028.9	NNW	18	-31	-31	-37	4
16	UNL	15		1028.3	N	14	-35			3
17	UNL	12		1041.3	NNW	14	-37			2
18	020	00	1/8S-BS	1020.5	SSE	26	-15	-19	-20	10
19	UNL	15		1025.6	E	14	-19	-19	-24	2
20	UNL	15		1028.2	ENE	14	-27	-27	-33	3
21	UNL	10		1047.2	NNE	16	-44			3
22	UNL	10		1054.7	NE	10	-34			3
23	UNL	15		1043.4	SE	16	-23	-23	-29	3
24	UNL	12		1027.2	N	16	-23	-23	-29	4
25	090	12		1033.8	NE	06	-25	-25	-31	7
26	070	12		1012.4	SSE	12	-10	-10	-15	10
27	UNL	10		1030.2	NNW	18	-21	-21	-26	3
28	018	10		1022.8	SSE	24	-09	-09	-13	10
29	060	12		1024.2	NNW	08	-07	-07	-11	10
30	UNL	12		1016.1	N	14	-26	-26	-32	3
31	UNL	04	BS	1020.0	NNW	20	-36			2
AVG				1028.3		14	-28			04

SACHS HARBOUR NWT
JANUARY 1963 0400 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1014.4	SE	04	-16	-16	-21	0
02	UNL	15		1018.4	E	06	-23	-23	-29	1
03	UNL	15		1021.1	SE	10	-28	-28	-34	1
04	UNL	15		1025.7	E	06	-31	-31	-37	2
05	UNL	15		1023.6	ESE	06	-28	-28	-34	1
06	UNL	15		1023.0	SE	02	-28	-28	-34	0
07	UNL	15		1019.7	E	10	-27	-27	-33	3
08	UNL	15		1031.3	NE	10	-33	-33	-39	2
09	UNL	15		1040.7	WNW	08	-36			2
10	UNL	15		1034.3	SE	18	-35			4
11	070	12	S-	1020.0	S	14	-17	-17	-21	10
12	UNL	15		1030.9	NW	12	-36			3
13	UNL	15		1035.8	N	14	-43			3
14	UNL	02	IF	1033.2	NW	20	-37			2
15	UNL	15		1028.6	NW	14	-32	-32	-38	2
16	UNL	10		1029.8	N	12	-37			3
17	UNL	12		1042.7	N	14	-38			2
18	015	00	S-BS	1015.5	SSE	34	-11	-11	-15	10
19	UNL	15		1027.0	ESE	18	-14	-14	-19	3
20	UNL	15		1030.2	NE	12	-34	-34	-40	4
21	UNL	10		1050.2	NNE	18	-43			3
22	UNL	12		1053.9	NE	10	-34			2
23	UNL	15		1042.1	SE	12	-23	-23	-29	3
24	UNL	00	1/2BS	1027.5	N	30	-29	-29	-35	2
25	UNL	12		1031.3	ESE	06	-22	-22	-27	6
26	012	01	S-IF	1007.3	S	10	-06	-06	-10	10
27	UNL	02	BS	1033.3	NNW	24	-23	-23	-29	4
28	010	08		1017.6	S	20	-01	-01	-05	10
29	060	12		1023.2	N	10	-08	-08	-12	10
30	UNL	15		1015.8	NNW	14	-26	-26	-32	3
31	UNL	10		1021.2	NNW	18	-36			1
AVG				1028.0		13	-27			04

SACHS HARBOUR NWT
JANUARY 1963 0700 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1014.4	NE	06	-18	-18	-23	1
02	UNL	15		1019.0	ESE	08	-24	-24	-30	1
03	UNL	15		1021.5	SSE	06	-28	-28	-34	2
04	UNL	15		1025.7	ESE	12	-31	-31	-37	2
05	UNL	15		1023.4	ESE	08	-30	-30	-35	1
06	UNL	15		1022.4	SE	10	-30	-30	-36	2
07	UNL	15		1020.2	ESE	06	-28	-28	-34	3
08	UNL	15		1032.6	NE	08	-35	-35	-41	3
09	UNL	15		1040.4	SE	10	-38			2
10	UNL	15		1032.9	SE	12	-31	-31	-37	3
11	UNL	15		1019.5	S	10	-22	-22	-27	6
12	UNL	15		1031.9	NW	10	-36			1
13	UNL	15		1036.1	N	16	-45			2
14	UNL	02	IF	1032.5	NNW	18	-37			2
15	UNL	15		1028.5	NNW	12	-35	-35	-41	3
16	UNL	10		1030.4	NW	16	-36			4
17	UNL	12		1043.4	NNW	12	-38			2
18	010	00	1/2S-BS	1011.1	SSE	22	-09	-09	-13	10
19	UNL	15		1028.3	E	10	-19	-19	-24	4
20	UNL	15		1031.9	NNE	16	-41			3
21	UNL	08		1051.6	N	20	-40			2
22	UNL	12		1052.3	ENE	16	-26	-26	-32	2
23	UNL	15		1040.3	SSE	12	-24	-24	-30	2
24	UNL	10		1031.2	N	16	-32	-32	-38	2
25	UNL	15		1028.1	SE	08	-22	-22	-27	3
26	010	02	S-IF	1003.4	WNW	12	-03	-05	-07	10
27	UNL	08		1036.0	NNW	16	-25	-25	-31	4
28	010	04	S-	1014.6	W	12	04	04	01	10
29	060	12		1021.6	ENE	08	-16	-16	-21	7
30	UNL	10	IC	1014.9	NNW	16	-25	-25	-31	3
31	UNL	12		1022.0	N	10	-36			1
AVG				1027.7		12	-28			03

SACHS HARBOUR NWT
JANUARY 1963 1000 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1014.4	NE	06	-20	-20	-24	6
02	UNL	15		1019.8	ESE	10	-23	-23	-29	2
03	UNL	15		1021.9	NE	02	-27	-27	-31	2
04	UNL	15		1025.9	E	08	-31	-31	-37	2
05	UNL	15		1023.1	C	00	-24	-24	-30	1
06	UNL	15		1021.8	SSE	04	-28	-28	-32	3
07	UNL	15		1021.2	ESE	03	-28	-28	-34	3
08	UNL	15		1033.7	NE	08	-33			3
09	UNL	15		1039.6	SSE	08	-38			2
10	UNL	15		1031.7	SE	18	-31	-31	-37	4
11	180	15		1020.2	WSW	10	-19	-19	-24	8
12	UNL	15		1031.8	NW	10	-36			1
13	UNL	05	IF	1036.5	N	14	-42			2
14	UNL	01	IF	1031.0	NW	24	-35			1
15	UNL	15		1027.8	N	08	-34			2
16	UNL	02	IF	1031.2	NW	16	-36			1
17	UNL	12		1043.4	NNE	06	-38			6
18	010	01	S-	1010.8	SSE	06	-10	-10	-14	10
19	200	15		1025.7	ESE	14	-15	-15	-20	8
20	UNL	15		1033.2	NE	12	-41			3
21	UNL	10		1052.8	N	14	-40			4
22	UNL	15		1050.2	ENE	12	-24	-24	-30	4
23	180	15		1038.2	SSE	17	-23	-22	-27	8
24	UNL	10		1033.6	N	14	-32	-32	-38	3
25	180	15		1024.8	SE	16	-19	-19	-24	9
26	010	00	1/4S-BS	1001.1	NW	26	-05	-05	-08	10
27	UNL	08		1037.8	NNE	12	-26	-26	-32	5
28	010	00	S-BS	1015.6	NW	28	04	04	01	10
29	080	12		1019.1	N	08	-16	-16	-20	8
30	UNL	06	ICIF	1013.2	NW	14	-25	-25	-29	7
31	UNL	12		1022.4	NNW	06	-35			2
AVG				1027.5		11	-27			05

SACHS HARBOUR NWT
JANUARY 1963 1300 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1015.1	ESE	08	-20	-20	-25	5
02	UNL	15		1020.3	ESE	10	-25	-25	-31	1
03	UNL	15		1022.4	ENE	02	-26	-26	-30	2
04	UNL	15		1026.2	ESE	06	-30	-30	-36	2
05	UNL	15		1023.8	ESE	03	-27	-27	-33	2
06	UNL	15		1021.9	SE	06	-30	-30	-36	3
07	UNL	15		1022.5	C	00	-25	-25	-31	3
08	UNL	15		1035.2	N	10	-36			3
09	UNL	15		1038.6	SE	12	-37			2
10	UNL	15		1029.5	SE	18	-29	-29	-35	5
11	UNL	10		1022.4	NW	18	-26	-26	-32	8
12	UNL	15		1032.0	N	06	-39			2
13	UNL	03	IF	1036.6	N	10	-41			2
14	UNL	01	IF	1030.0	NNW	25	-34			2
15	UNL	15		1027.8	NNE	06	-36			3
16	UNL	15		1033.2	NW	16	-33	-33	-39	2
17	UNL	15		1042.9	S	04	-30	-30	-36	6
18	010	01	IF	1012.4	NE	08	-09	-09	-13	10
19	180	15		1025.5	E	10	-16	-16	-21	10
20	UNL	15		1034.3	NE	16	-42			5
21	UNL	01	IF	1053.9	N	18	-37			2
22	UNL	15		1048.3	ESE	06	-17	-17	-22	3
23	180	15		1035.7	SE	20	-19	-19	-25	10
24	UNL	01	IF	1035.2	NNW	16	-29	-29	-33	2
25	070	15		1022.4	SE	20	-19	-19	-24	9
26	000	00	S-BS	1002.7	NNW	30	-09	-09	-13	10
27	UNL	12		1037.6	NNE	09	-24	-24	-30	7
28	010	02	S-BS	1018.3	NW	22	03	03	00	10
29	UNL	15		1017.6	NE	13	-16	-16	-21	9
30	UNL	01	BS	1019.4	NNW	28	-29	-29	-35	3
31	UNL	15		1022.1	N	08	-35			4
AVG				1027.7		12	-27			05

SACHS HARBOUR NWT
JANUARY 1963 1600 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1015.9	NE	05	-18	-18	-22	3
02	UNL	15		1020.6	SE	12	-26	-26	-32	1
03	UNL	15		1022.8	NNE	10	-34			1
04	UNL	15		1025.4	E	07	-30	-30	-36	2
05	UNL	15		1023.8	C	00	-26	-26	-32	1
06	UNL	15		1021.6	SE	06	-31	-31	-35	1
07	UNL	15		1024.0	NE	10	-35	-35	-38	3
08	UNL	15		1036.8	N	08	-33			3
09	UNL	15		1037.5	S	12	-34			4
10	UNL	15		1027.7	SE	18	-26	-26	-32	5
11	UNL	15		1024.8	WNW	12	-30	-30	-36	5
12	UNL	15		1031.7	N	05	-39			3
13	UNL	03	IF	1036.3	NNW	18	-41			1
14	UNL	01	IF	1030.3	NNW	22	-34			1
15	UNL	15		1026.9	NNE	08	-36			2
16	UNL	15		1035.6	NNW	19	-33	-33	-39	2
17	UNL	15		1040.6	SE	08	-31	-31	-37	6
18	010	10		1015.4	N	10	-11	-11	-16	10
19	040	15		1025.0	E	08	-15	-15	-20	10
20	UNL	15		1036.1	NE	18	-42			8
21	UNL	03	IF	1055.0	N	14	-38			2
22	UNL	15		1046.9	SE	15	-22	-22	-27	3
23	180	15		1033.4	S	16	-15	-15	-20	8
24	UNL	02	IF	1035.8	NNW	18	-27	-27	-31	2
25	070	15		1019.6	SE	16	-13	-13	-18	9
26	010	00	S-BS	1010.9	NNW	34	-12	-12	-17	9
27	UNL	15		1037.0	SSE	05	-19	-19	-24	6
28	015	10		1020.8	NNW	17	-03	-03	-07	7
29	180	10		1017.4	NE	14	-16	-16	-21	9
30	UNL	01	IF BS	1013.9	NNW	28	-33	-33	-37	3
31	UNL	15		1021.9	N	12	-32	-32	-38	3
AVG				1028.1		13	-27			04

SACHS HARBOUR NWT
JANUARY 1963 1900 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1016.4	NE	10	-21	-21	-26	1
02	UNL	15		1020.8	SE	12	-27	-27	-33	0
03	UNL	15		1023.6	NE	08	-33			1
04	UNL	15		1025.7	E	04	-30	-30	-39	0
05	UNL	15		1024.1	SE	05	-28	-28	-34	0
06	UNL	15		1020.7	NE	02	-26	-26	-30	1
07	UNL	15		1025.8	NE	06	-30	-30	-36	3
08	UNL	15		1037.9	N	08	-37			1
09	UNL	15		1036.1	SE	15	-35			2
10	040	15		1025.3	SSE	18	-20	-20	-24	10
11	UNL	15		1026.4	WNW	12	-32	-32	-38	3
12	UNL	15		1032.6	N	06	-40			2
13	UNL	10		1035.6	NNW	20	-40			2
14	UNL	01	IF	1029.1	NW	20	-31	-31	-35	1
15	UNL	15		1027.0	NNE	06	-36			2
16	UNL	15		1037.0	NNW	18	-33	-33	-39	2
17	200	15		1036.2	SE	14	-25	-25	-31	10
18	UNL	10		1020.2	NE	14	-12	-12	-18	5
19	025	10	S-	1024.7	E	09	-16	-16	-21	10
20	UNL	10		1038.5	NE	26	-39			3
21	UNL	10		1055.3	N	14	-35			2
22	UNL	15		1049.8	SE	08	-21	-21	-26	3
23	UNL	15		1030.1	SSE	10	-20	-20	-25	3
24	UNL	10		1035.2	N	12	-27	-27	-31	2
25	070	15		1017.4	SSE	16	-08	-08	-12	9
26	010	00	S-BS	1019.3	NNW	30	-13	-13	-18	8
27	180	15		1033.5	SSE	10	-17	-17	-22	8
28	UNL	10		1022.9	N	10	-09	-09	-13	2
29	020	03	S-	1017.0	NNE	10	-17	-17	-21	10
30	UNL	00	BS	1014.6	NNW	26	-33	-33	-37	6
31	UNL	15		1021.7	N	06	-33	-33	-39	3
AVG				1028.3		12	-27			04

SACHS HARBOUR NWT
JANUARY 1963 2200 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1016.9	ENE	12	-27	-27	-33	2
02	UNL	15		1020.9	SE	14	-28	-28	-34	2
03	UNL	15		1024.5	ENE	12	-34	-34	-40	3
04	UNL	15		1024.8	ESE	10	-28	-28	-34	0
05	UNL	15		1023.9	SE	06	-29	-29	-35	0
06	UNL	15		1020.2	NE	10	-32	-32	-38	3
07	UNL	15		1027.1	E	04	-29	-29	-35	3
08	UNL	15		1038.9	NW	12	-37			0
09	UNL	15		1035.8	SSE	20	-36			3
10	070	15		1022.6	SSE	18	-17	-16	-21	10
11	UNL	15		1027.9	WNW	14	-34	-34	-40	3
12	UNL	15		1033.5	N	10	-40			1
13	UNL	10		1035.8	NNW	18	-40			3
14	UNL	10		1028.4	NNW	18	-33	-33	-39	3
15	UNL	15		1027.1	NNE	12	-38			3
16	UNL	15		1039.5	NNW	14	-38			3
17	030	10		1029.5	SE	20	-19	-19	-23	10
18	UNL	15		1024.2	SE	10	-16	-16	-21	3
19	060	06	S-	1025.8	E	16	-20	-20	-24	10
20	UNL	10		1043.3	NE	22	-39			4
21	UNL	01	IF	1054.8	NNW	20	-34			2
22	UNL	15		1044.4	S	06	-20	-20	-25	3
23	UNL	15		1027.3	W	06	-17	-17	-22	4
24	UNL	10		1035.0	N	08	-26	-26	-32	2
25	UNL	12		1019.6	SSE	16	-12	-12	-17	6
26	UNL	00	BS	1025.2	NNW	30	-17	-17	-22	7
27	060	12		1029.4	S	20	-11	-11	-16	10
28	015	10		1024.5	NNW	14	-10	-10	-15	10
29	UNL	10		1016.4	N	12	-21	-21	-26	5
30	UNL	00	1/8BS	1017.1	NNW	26	-35			6
31	UNL	15		1021.6	NNE	06	-34	-34	-37	2
AVG				1028.4		14	-28			04

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

SACHS HARBOUR NWT
FEBRUARY 1963 0100 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1022.3	NE	10	-40			2
02	UNL	15		1033.3	NNW	07	-40			2
03	UNL	15		1028.9	SE	14	-30	-30	-36	2
04	UNL	15		1016.6	SE	04	-31	-31	-37	0
05	UNL	15		1009.3	SSE	12	-36			2
06	UNL	15		1021.1	SSE	12	-33	-33	-39	0
07	040	00	1/4BS	1016.8	SE	24	-11	-11	-16	10
08	025	10		1018.0	WSW	10	-08	-08	-12	10
09	015	10		1020.5	E	16	-06	-06	-09	10
10	008	01	S-	1017.8	NNW	12	01	01	-02	10
11	UNL	10		1032.9	N	20	-23	-23	-29	5
12	UNL	15		1042.6	SE	06	-17	-17	-22	4
13	UNL	15		1037.2	SE	04	-18	-18	-25	0
14	UNL	15		1034.8	E	06	-17	-17	-22	2
15	UNL	10	S-	1028.6	SSE	10	-23	-23	-29	7
16	UNL	10		1031.7	N	10	-38			1
17	UNL	15		1025.6	SE	13	-31	-31	-37	2
18	UNL	15		1024.7	NE	05	-22	-22	-27	1
19	UNL	15		1032.5	ESE	08	-16	-16	-21	0
20	UNL	15		1038.5	S	05	-16	-16	-22	0
21	UNL	15		1036.8	ESE	22	-11	-11	-17	0
22	UNL	02	BS	1029.4	ESE	22	-09	-09	-14	1
23	070	15		1017.9	SE	14	-05	-05	-09	9
24	020	03	S-	1011.7	NW	14	-05	-05	-08	10
25	UNL	06	IF	1021.3	NNW	14	-22	-22	-26	0
26	UNL	15		1029.4	SE	10	-15	-15	-21	0
27	UNL	15		1018.6	ESE	12	-05	-05	-10	0
28	UNL	15		1015.4	E	08	-11	-12	-19	4
AVG				1025.2		12	-19	-19	-24	03

SACHS HARBOUR NWT
FEBRUARY 1963 0400 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1024.9	ENE	16	-39			3
02	UNL	12		1033.2	WNW	06	-29	-29	-35	6
03	UNL	10	IC	1027.3	SE	10	-31	-31	-37	2
04	UNL	15		1015.5	SE	04	-31	-31	-37	0
05	UNL	15		1007.2	SSE	13	-37			2
06	UNL	15		1021.5	SE	10	-29	-29	-35	0
07	025	00	1/4S-BS	1017.4	SE	20	-09	-09	-13	10
08	020	10		1018.6	WNW	06	-12	-12	-17	10
09	015	10		1019.7	ESE	08	-03	-03	-06	10
10	012	10		1019.6	NNW	16	-03	-03	-06	10
11	020	10		1034.9	N	22	-23	-23	-27	10
12	UNL	15		1041.9	SE	06	-19	-19	-24	2
13	UNL	15		1036.6	NE	04	-18	-18	-23	0
14	UNL	15		1034.4	ENE	14	-19	-19	-26	3
15	UNL	06	S-	1026.1	WSW	11	-18	-18	-22	7
16	UNL	10		1032.9	NNW	12	-38			1
17	UNL	15		1029.5	SE	14	-29	-29	-35	1
18	UNL	15		1025.7	E	04	-16	-16	-21	1
19	UNL	15		1033.8	SE	18	-22	-22	-27	2
20	UNL	15		1038.9	SE	02	-14	-14	-20	0
21	UNL	15		1036.3	ESE	26	-10	-10	-14	0
22	UNL	06	BS	1027.9	ESE	28	-09	-09	-14	1
23	070	15		1017.3	SE	12	-07	-07	-11	7
24	UNL	10		1014.0	NW	22	-12	-12	-17	2
25	UNL	06	IF	1022.1	N	12	-31	-31	-35	0
26	UNL	15		1022.6	SE	08	-14	-14	-20	0
27	UNL	15		1017.7	ESE	12	-05	-05	-10	2
28	UNL	15		1014.9	SE	12	-06	-06	-12	3
AVG				1025.2		12	-19	-19	-24	03

SACHS HARBOUR NWT
FEBRUARY 1963 0700 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1027.0	E	16	-35			3
02	UNL	10	IC	1032.8	SSE	05	-29	-29	-35	4
03	UNL	15		1025.3	SE	08	-31	-31	-37	2
04	UNL	15		1013.5	SE	02	-30	-30	-36	1
05	UNL	15		1008.7	SE	16	-38			2
06	UNL	15		1021.9	ESE	10	-27	-27	-33	1
07	015	00	1/2S-BS	1017.0	SE	18	-09	-09	-13	10
08	010	00	3/4S-	1018.5	NNW	04	-11	-11	-14	10
09	012	10		1019.4	E	10	-03	-03	-06	10
10	080	10		1021.2	NW	18	-11	-11	-16	9
11	180	10		1037.0	NNE	20	-26	-26	-32	8
12	UNL	15		1042.0	SSE	04	-20	-20	-25	1
13	UNL	15		1035.8	SSE	03	-19	-19	-24	2
14	090	15		1035.0	NE	10	-21	-21	-28	9
15	030	02	S-	1024.5	WNW	10	-16	-16	-20	9
16	UNL	10		1033.1	N	09	-39			1
17	UNL	15		1021.8	SE	10	-29	-29	-35	2
18	UNL	15		1026.8	NE	10	-20	-20	-25	1
19	UNL	15		1034.8	SE	17	-22	-22	-27	2
20	UNL	15		1038.9	SE	12	-13	-13	-19	0
21	UNL	15		1035.3	ESE	30	-10	-10	-16	3
22	UNL	15		1026.2	SE	20	-09	-09	-13	6
23	010	06	S-	1014.1	SE	12	-04	-04	-08	10
24	030	10	S-	1015.7	NW	16	-16	-16	-20	9
25	UNL	06	IF	1022.7	NNE	12	-31	-31	-35	0
26	UNL	15		1021.7	SE	12	-15	-15	-21	2
27	UNL	15		1017.3	ESE	12	-06	-06	-11	8
28	UNL	15		1014.8	SE	08	-07	-07	-12	6
AVG				1025.1		12	-20	-20	-25	05

SACHS HARBOUR NWT
FEBRUARY 1963 1000 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1029.2	ENE	14	-37			3
02	UNL	12		1032.6	SE	12	-30	-30	-36	2
03	UNL	15		1029.4	SSE	08	-32	-32	-38	1
04	UNL	15		1011.3	C	00	-29	-29	-35	5
05	090	08		1011.2	SSE	18	-34	-34	-40	9
06	UNL	15		1021.6	ESE	16	-23	-29	-29	1
07	012	08	S-	1018.1	SSE	16	-07	-07	-10	10
08	010	01	1/2S-	1018.8	N	08	-12	-11	-15	10
09	009	10		1018.3	ESE	30	-10	-01	-04	10
10	010	12	S-	1023.6	NW	12	-11	-11	-15	10
11	UNL	15		1038.7	N	16	-27	-27	-33	9
12	060	15		1041.1	SE	06	-19	-19	-24	8
13	UNL	15		1035.4	SW	02	-16	-16	-22	1
14	090	15		1034.7	ENE	10	-14	-15	-20	9
15	060	03	IF	1024.5	NNW	12	-24	-24	-28	7
16	UNL	12		1033.2	N	08	-36			3
17	070	15		1021.3	ESE	08	-27	-27	-33	7
18	UNL	15		1027.6	E	12	-19	-19	-26	2
19	UNL	15		1036.0	SE	06	-22	-22	-27	2
20	UNL	15		1039.9	SE	08	-14	-14	-20	0
21	UNL	15		1034.2	ESE	22	-10	-10	-16	7
22	UNL	15		1029.5	SE	22	-08	-08	-13	8
23	010	03	S-	1013.7	SSE	10	-03	-03	-06	10
24	030	10		1016.9	NW	16	-17	-17	-22	9
25	UNL	12		1023.5	NE	12	-28	-28	-34	0
26	UNL	15		1021.4	SE	08	-14	-14	-20	2
27	180	15		1017.0	SE	14	-06	-06	-12	9
28	100	15		1015.0	SE	06	-08	-08	-14	9
AVG				1025.3		11	-19	-19	-24	06

SACHS HARBOUR NWT
FEBRUARY 1963 1300 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1030.6	NE	12	-43			2
02	UNL	15		1032.5	ESE	10	-29	-29	-35	2
03	UNL	15		1022.0	SE	08	-32	-32	-38	2
04	UNL	12		1009.3	SSE	02	-28	-28	-34	7
05	UNL	08		1013.6	SSE	16	-33	-33	-39	3
06	UNL	19		1020.7	ESE	20	-24	-24	-30	1
07	012	02	S-	1017.4	SE	16	-08	-08	-11	10
08	025	10		1018.9	NNE	12	-10	-10	-15	9
09	008	08	S-	1018.2	E	06	-01	-01	-04	10
10	008	10	S-	1025.3	NW	16	-09	-09	-13	10
11	090	12		1040.0	NE	18	-28	-28	-34	6
12	UNL	15		1040.6	SE	02	-14	-14	-20	1
13	UNL	15		1035.2	NNE	02	-15	-15	-21	1
14	UNL	15		1035.1	NNE	08	-24	-24	-30	4
15	060	03	IF	1025.9	NNW	18	-25	-25	-31	6
16	UNL	15		1032.7	WSW	06	-29	-29	-35	1
17	UNL	15		1021.3	ENE	12	-26	-26	-32	5
18	UNL	15		1028.6	ENE	10	-17	-17	-23	2
19	UNL	15		1036.2	NE	08	-16	-16	-22	1
20	UNL	15		1038.5	ESE	18	-06	-07	-11	0
21	UNL	15		1033.9	ESE	26	-09	-09	-14	9
22	UNL	15		1024.4	SE	20	-08	-08	-13	6
23	030	10	S-	1012.6	SSE	04	-01	-01	-04	10
24	UNL	06	IF	1018.1	NW	14	-18	-18	-22	1
25	UNL	12		1024.1	NE	20	-26	-26	-32	1
26	UNL	15		1021.3	E	04	-07	-08	-14	2
27	UNL	15		1016.7	ESE	14	-05	-05	-11	9
28	UNL	15		1014.6	SE	04	-05	-05	-12	3
AVG				1025.3		12	-18	-18	-23	04

SACHS HARBOUR NWT
FEBRUARY 1963 1600 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1031.9	NE	14	-38			4
02	UNL	15		1032.3	ESE	16	-29	-29	-35	3
03	UNL	15		1020.5	SSE	06	-31	-31	-37	1
04	UNL	15		1007.4	SE	06	-33	-33	-39	5
05	UNL	08		1015.9	SSE	16	-33	-33	-39	2
06	UNL	08		1019.9	ESE	22	-21	-21	-26	8
07	012	08		1016.8	SSE	16	-07	-07	-10	10
08	025	10		1019.5	NE	14	-09	-09	-13	9
09	008	12	S-	1017.1	SE	04	00	00	-04	10
10	008	10	S-	1026.9	NNW	16	-13	-15	-17	10
11	070	15		1040.7	ESE	10	-18	-18	-23	8
12	UNL	15		1039.7	NE	08	-18	-18	-23	1
13	UNL	15		1034.8	WNW	04	-16	-16	-22	2
14	UNL	15		1034.5	N	08	-19	-19	-26	1
15	UNL	04	IF	1027.0	NNW	18	-32	-32	-38	2
16	UNL	15		1031.2	SSE	08	-32	-32	-38	2
17	UNL	15		1021.5	E	12	-24	-24	-30	1
18	UNL	15		1030.1	ENE	14	-18	-19	-25	2
19	UNL	15		1036.5	ESE	12	-15	-15	-21	1
20	UNL	15		1038.5	SE	20	-09	-09	-14	2
21	UNL	15		1033.2	ESE	28	-08	-09	-13	7
22	070	15		1022.8	SE	20	-05	-05	-09	9
23	010	03	S-	1012.5	SSW	08	00	00	-03	10
24	UNL	15		1019.1	NW	16	-22	-22	-27	0
25	UNL	15		1023.9	NE	20	-25	-25	-31	1
26	UNL	15		1020.3	ESE	16	-07	-07	-14	3
27	180	15		1015.9	ESE	16	-04	-04	-10	9
28	UNL	15		1013.7	E	10	-07	-07	-14	5
AVG				1025.1		14	-18	-18	-23	05

SACHS HARBOUR NWT
FEBRUARY 1963 1900 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1033.1	NE	12	-40			4
02	080	12		1031.7	SE	16	-29	-29	-33	6
03	UNL	15		1019.1	SE	06	-31	-31	-37	1
04	UNL	15		1003.6	SE	08	-33	-33	-39	6
05	UNL	08		1017.2	SSE	16	-33	-33	-39	1
06	080	03	BS	1018.2	ESE	24	-18	-18	-23	9
07	011	06	S-	1016.8	S	16	-06	-06	-09	10
08	035	12		1020.0	ENE	10	-06	-06	-10	10
09	008	02	S-	1016.6	N	04	01	01	-02	10
10	008	10		1029.2	NNW	18	-15	-15	-19	10
11	UNL	15		1041.4	SE	10	-17	-17	-22	3
12	UNL	15		1038.8	E	08	-19	-19	-26	1
13	UNL	15		1034.3	ESE	04	-16	-16	-21	1
14	UNL	15		1033.1	N	06	-26	-26	-32	1
15	UNL	04	IF	1028.7	NNW	18	-33	-33	-39	1
16	UNL	15		1029.2	SE	14	-31	-31	-37	2
17	UNL	15		1022.5	SE	06	-24	-24	-30	1
18	UNL	15		1030.9	ENE	12	-18	-18	-25	0
19	UNL	15		1037.3	ESE	04	-16	-16	-22	1
20	UNL	15		1037.7	ESE	22	-10	-10	-16	0
21	UNL	02	BS	1031.9	ESE	40	-08	-08	-13	1
22	070	15		1021.5	SE	20	-05	-05	-09	9
23	010	01	S-	1011.2	SSW	08	-03	-03	-06	10
24	UNL	06	IF	1019.7	NW	10	-25	-25	-29	0
25	UNL	15		1023.6	ESE	12	-12	-12	-19	1
26	UNL	15		1019.4	ESE	16	-06	-07	-13	4
27	180	15		1015.9	ESE	16	-04	-04	-10	9
28	060	15		1013.2	E	06	-09	-09	-14	9
AVG				1024.9		13	-18	-18	-23	04

SACHS HARBOUR NWT
FEBRUARY 1963 2200 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1033.0	NNE	10	-40			4
02	UNL	15		1030.4	SE	14	-30	-30	-36	2
03	UNL	15		1017.8	SE	05	-31	-31	-37	0
04	UNL	15		1004.8	SSE	07	-35			4
05	UNL	15		1019.5	SSE	16	-31	-31	-37	1
06	080	03	BS	1017.7	ESE	20	-14	-14	-19	9
07	180	10		1016.7	S	09	-09	-09	-13	9
08	200	15		1019.8	ENE	12	-06	-06	-10	9
09	008	01	S-	1016.9	N	08	01	01	-02	10
10	180	10		1031.5	NNW	18	-21	-21	-25	7
11	UNL	15		1042.3	SE	06	-17	-17	-22	3
12	UNL	15		1037.9	SE	06	-19	-19	-24	1
13	UNL	15		1034.8	ESE	06	-16	-16	-22	2
14	UNL	15		1031.6	SW	05	-25	-25	-31	2
15	UNL	04	IF	1029.7	NNW	24	-32	-32	-38	1
16	UNL	15		1027.3	SE	12	-31	-31	-37	2
17	UNL	15		1023.7	C	00	-22	-22	-27	1
18	UNL	15		1031.8	E	12	-18	-18	-23	0
19	UNL	15		1037.9	SE	02	-14	-15	-20	0
20	UNL	15		1037.2	ESE	18	-09	-09	-14	0
21	UNL	02	BS	1030.7	ESE	32	-08	-08	-13	1
22	070	15		1019.6	SE	16	-04	-04	-08	9
23	010	01	S-	1011.1	W	14	-04	-04	-07	10
24	UNL	06	IF	1020.3	NW	16	-25	-25	-29	0
25	UNL	15		1023.2	SE	12	-13	-13	-19	0
26	UNL	15		1019.0	SE	12	-06	-06	-12	0
27	UNL	15		1015.4	ESE	14	-06	-06	-13	5
28	060	15		1012.2	E	08	-07	-07	-12	10
AVG				1024.8		12	-18	-18	-23	04

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

SACHS HARBOUR NWT — MARCH 1963 0100 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	040	15		1011.3	E	08	-04	-04	-10	10
02	009	02	S-	1011.6	SW	04	-03	-03	-05	10
03	UNL	10	IC	1011.8	W	12	-15	-15	-20	8
04	UNL	15		1013.5	W	06	-32	-32	-38	2
05	UNL	12		1017.0	NW	12	-37			2
06	UNL	15		1024.0	NE	06	-36			0
07	UNL	15		1015.7	SE	18	-18	-18	-23	4
08	UNL	15		1018.1	E	06	-24	-24	-30	0
09	012	05	S-	1001.0	S	02	-06	-05	-09	10
10	060	10		1013.0	NE	20	-31	-31	-35	10
11	UNL	12		1028.7	N	16	-39			0
12	UNL	08		1035.8	NNW	04	-31	-31	-37	4
13	UNL	15		1033.6	NE	08	-33	-33	-39	2
14	UNL	15		1033.2	SE	10	-35			0
15	UNL	15		1019.7	SE	18	-29	-29	-35	3
16	180	08		1015.2	S	12	-23	-23	-29	9
17	012	00	1/4S-BS	995.3	SSW	28	-11	-11	-16	10
18	UNL	04	IF	1004.2	WNW	16	-35			3
19	UNL	10		1018.7	NW	08	-38			2
20	UNL	10		1030.6	NE	12	+44			2
21	UNL	15		1028.7	SE	18	-26	-26	-32	3
22	UNL	15		1019.9	SE	18	-26	-26	-32	1
23	UNL	15		1022.4	SE	12	-26	-26	-32	0
24	080	12		1014.7	SE	10	-21	-21	-26	10
25	UNL	15		1019.0	NNE	24	-23	-23	-29	4
26	UNL	15		1008.5	E	16	-20	-20	-25	0
27	040	12	S-	1006.2	NNW	14	-21	-21	-25	10
28	UNL	12		1013.7	ENE	08	-23	-23	-29	9
29	UNL	15		1023.9	N	06	-37			0
30	070	12		1019.4	W	14	-23	-23	-27	10
31	UNL	15		1019.1	NE	02	-24	-24	-30	1
AVG				1017.7		12	-26			04

SACHS HARBOUR NWT — MARCH 1963 0400 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	040	15		1010.3	E	08	-04	-04	-09	10
02	UNL	10		1012.7	WNW	22	-12	-12	-18	2
03	UNL	12		1011.5	W	12	-20	-20	-25	2
04	UNL	15		1014.0	SW	04	-31	-31	-37	2
05	UNL	15		1018.7	NW	10	-38			2
06	UNL	15		1023.9	NE	06	-35			0
07	060	10	S-	1015.4	SSE	12	-14	-14	-18	10
08	UNL	12		1017.2	SE	10	-27	-27	-33	2
09	025	10		1001.2	NE	10	-09	-09	-13	10
10	060	10		1012.9	NE	22	-30	-30	-36	9
11	UNL	12		1031.2	N	10	-39			1
12	UNL	10		1035.9	NNE	04	-33	-33	-39	2
13	UNL	15		1034.2	NE	10	-34	-34	-40	2
14	UNL	15		1031.4	SE	12	-34	-34	-40	0
15	UNL	15		1018.9	SE	14	-29	-29	-35	1
16	UNL	12		1014.2	S	10	-26	-26	-32	3
17	UNL	08		994.9	WNW	16	-19	-19	-24	5
18	UNL	03	IF	1005.9	WNW	20	-36			3
19	UNL	15		1019.7	NW	10	-37			1
20	UNL	15		1031.9	ENE	12	-34	-34	-40	0
21	UNL	15		1026.9	SE	14	-25	-25	-31	4
22	UNL	15		1020.0	SE	12	-27	-27	-33	2
23	UNL	15		1021.5	ESE	10	-22	-22	-27	1
24	100	15		1014.1	ESE	12	-18	-18	-23	7
25	UNL	15		1020.0	NNE	16	-25	-25	-31	3
26	UNL	15		1006.3	ESE	12	-18	-18	-25	0
27	040	10		1007.4	NNW	10	-24	-24	-30	9
28	035	10		1014.6	ENE	10	-22	-22	-27	10
29	UNL	15		1024.5	NNE	04	-38			1
30	UNL	15		1019.2	W	14	-24	-24	-30	3
31	UNL	15		1018.5	SE	10	-28	-28	-34	3
AVG				1017.7		12	-26			04

SACHS HARBOUR NWT — MARCH 1963 0700 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	040	15		1010.3	ESE	04	-09	-09	-08	10
02	UNL	12		1013.8	W	18	-17	-17	-22	2
03	UNL	12		1011.8	W	18	-26	-26	-32	1
04	UNL	15		1013.7	SE	04	-33	-33	-39	3
05	UNL	15		1020.0	NW	08	-36			1
06	UNL	15		1023.8	NE	04	-35			0
07	060	10		1019.3	S	10	+16	-16	-21	8
08	UNL	12		1019.5	SE	20	-26	-26	-32	1
09	025	04	BS	1001.8	N	24	-10	-10	-15	10
10	090	12		1013.6	NE	20	-31	-31	-37	8
11	UNL	15		1033.1	NNE	08	+60			5
12	UNL	15		1035.1	NNE	08	-32	-32	-38	2
13	UNL	12		1034.4	NE	10	-36			4
14	UNL	15		1029.3	SE	16	-34	-34	-40	5
15	UNL	15		1018.5	SE	16	-29	-29	-35	3
16	UNL	15		1013.4	S	08	-27	-27	-33	4
17	UNL	08		996.9	W	12	-32	-32	-38	2
18	UNL	05	IF	1007.6	NW	16	-37			6
19	UNL	15		1020.6	NW	10	-38			2
20	UNL	15		1032.9	ESE	10	-29	-29	-35	0
21	UNL	15		1025.0	ESE	14	-22	-22	-27	4
22	UNL	15		1020.2	SE	16	-25	-25	-31	2
23	UNL	15		1020.9	SE	08	-23	-23	-29	7
24	100	15		1014.1	ESE	10	-17	-17	-22	8
25	UNL	15		1020.3	NNE	16	-30	-30	-36	3
26	UNL	15		1004.3	E	20	-20	-20	-25	3
27	080	08		1008.2	NW	12	-24	-24	-30	7
28	035	10		1015.9	ENE	12	-22	-22	-27	9
29	UNL	15		1024.7	SE	06	-35			1
30	070	06	IF	1018.5	W	12	-22	-22	-27	9
31	UNL	15		1017.3	ESE	14	-26	-26	-32	9
AVG				1017.8		12	-27			05

SACHS HARBOUR NWT — MARCH 1963 1000 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	070	15		1009.9	SE	06	-03	-03	-08	10
02	UNL	12		1014.0	SW	12	-17	-17	-22	1
03	UNL	06	IF	1012.2	W	13	-28	-28	-32	0
04	UNL	15		1013.4	SE	06	-32	-32	-38	9
05	UNL	15		1020.4	NW	04	-34	-34	-40	0
06	UNL	15		1021.6	SE	08	-32	-32	-38	0
07	040	03	S-	1015.4	W	06	-13	-13	-18	10
08	140	12		1013.0	SE	20	-21	-21	-26	8
09	UNL	01	BS	1005.0	N	28	-21	-21	-25	2
10	UNL	15		1014.9	ENE	17	-30	-30	-36	3
11	UNL	15		1034.1	N	06	-35			6
12	UNL	15		1034.8	NE	06	-33	-33	-39	0
13	UNL	12		1035.1	NNE	08	-33	-33	-39	3
14	UNL	15		1027.0	SE	16	-30	-30	-36	6
15	UNL	15		1017.8	SE	13	-27	-27	-33	1
16	UNL	15		1012.3	S	06	-26	-26	-32	2
17	UNL	06	F	998.0	W	12	-31	-31	-37	0
18	UNL	10		1009.4	NW	14	-35			2
19	UNL	12		1021.8	NW	10	-38			1
20	UNL	15		1033.3	SSE	05	-29	-29	-35	0
21	UNL	12		1024.1	ESE	12	-22	-22	-27	3
22	UNL	15		1020.6	ESE	16	-21	-21	-26	0
23	UNL	12		1019.3	ESE	10	-20	-20	-25	6
24	UNL	15		1013.6	ESE	10	-13	-13	-19	5
25	UNL	10		1019.6	NNE	12	-25	-25	-31	3
26	UNL	15		1009.0	ENE	16	-19	-19	-24	0
27	UNL	08		1008.5	NNW	12	-21	-21	-26	5
28	UNL	10		1017.3	NNE	09	-26	-26	-32	3
29	UNL	15		1024.2	SE	08	-33	-33	-39	0
30	UNL	06	IF	1018.0	W	12	-19	-19	-24	6
31	180	15		1019.5	SE	14	-23	-23	-29	8
AVG				1017.6		11	-26	-26	-31	03

SACHS HARBOUR NWT — MARCH 1963 1300 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	070	15		1010.6	SE	05	-03	-03	-08	10
02	UNL	15		1014.1	SW	08	-16	-16	-21	0
03	UNL	06	F	1012.6	W	10	-26	-26	-32	0
04	UNL	10		1013.3	SE	06	-28	-28	-34	8
05	UNL	15		1022.2	NW	02	-32	-32	-38	0
06	UNL	15		1020.8	ESE	12	-27	-27	-33	2
07	UNL	15		1016.7	NW	10	-19	-19	-24	1
08	040	12		1010.7	SE	14	-14	-14	-19	10
09	UNL	00	1/4BS	1008.3	N	28	-27	-27	-33	9
10	UNL	15		1017.2	NE	18	-30	-30	-36	2
11	UNL	15		1035.1	N	04	-32	-32	-38	5
12	UNL	15		1034.6	N	04	-31	-31	-37	0
13	UNL	12		1035.5	NNE	06	-31	-31	-37	0
14	UNL	15		1024.9	SE	14	-26	-26	-32	7
15	UNL	15		1017.3	SSE	14	-23	-23	-29	3
16	UNL	02	F	1009.7	S	17	-21	-21	-26	2
17	UNL	01	F	998.8	W	18	-29	-29	-35	5
18	UNL	02	F	1011.9	NW	10	-31	-31	-37	6
19	UNL	12		1023.6	N	06	-36			0
20	UNL	15		1033.3	SE	10	-26	-26	-32	0
21	UNL	12		1022.9	SE	16	-19	-19	-24	2
22	UNL	15		1020.8	ESE	15	-18	-18	-23	0
23	UNL	15		1018.5	SE	08	-13	-13	-19	7
24	UNL	15		1014.5	E	05	-10	-10	-17	3
25	UNL	12		1018.0	NE	14	-22	-22	-27	0
26	UNL	01	F	1002.9	NNE	22	-22	-22	-27	2
27	UNL	08		1009.9	N	04	-18	-18	-23	8
28	UNL	12		1019.0	N	08	-28	-28	-34	0
29	UNL	15		1023.3	SSE	04	-26	-26	-32	1
30	UNL	08		1018.1	WNW	14	-19	-19	-24	3
31	080	10		1013.7	SE	16	-17	-17	-22	9
AVG				1017.8		11	-23	-23	-29	03

SACHS HARBOUR NWT — MARCH 1963 1600 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	025	03	S-	1010.7	SE	08	-03	-03	-06	10
02	UNL	15		1014.1	WSW	14	-15	-15	-20	3
03	UNL	12		1013.0	W	08	-28	-28	-34	0
04	UNL	10		1012.9	SE	06	-27	-27	-33	5
05	UNL	15		1023.1	NW	04	-33	-33	-39	0
06	UNL	15		1019.6	SE	10	-22	-22	-27	4
07	UNL	15		1017.9	NNW	10	-26	-26	-32	0
08	020	10		1007.2	SE	14	-09	-09	-13	10
09	UNL	03	BS	1011.7	N	28	-31	-31	-37	7
10	UNL	15		1020.0	NNE	16	-31	-31	-37	0
11	UNL	15		1035.8	N	04	-32	-32	-38	6
12	UNL	15		1034.1	NE	06	-34	-34	-40	0
13	UNL	12		1035.8	NNE	05	-30	-30	-36	0
14	UNL	15		1022.5	SE	15	-25	-25	-31	3
15	UNL	15		1016.4	SSE	17	-22	-22	-27	5
16	015	02	F	1007.0	S	20	-20	-20	-25	10
17	UNL	02	F	1000.6	W	16	-32	-32	-38	4
18	UNL	10		1013.5	NW	08	-31	-31	-37	3
19	UNL	15		1025.0	N	13	-36			0
20	UNL	15		1032.9	SE	12	-26	-26	-32	1
21	UNL	12		1021.3	ESE	16	-19	-19	-24	1
22	UNL	15		1020.8	ESE	16	-18	-18	-23	0
23	UNL	15		1016.7	SE	06	-15	-15	-21	5
24	UNL	15		1015.4	NE	10	-15	-15	-21	3
25	UNL	15		1016.3	NE	10	-23	-23	-29	0
26	UNL	06	F	1003.0	NNE	30	-25	-25	-31	0
27	180	08	S-	1010.5	C	00	-17	-17	-22	9
28	UNL	15		1020.3	N	10	-30	-30	-36	0
29	UNL	08		1021.5	SW	14	-18	-18	-23	7
30	UNL	06	IF	1018.6	NW	16	-18	-18	-23	3
31	030	02	S-	1011.7	SE	18	-16	-16	-20	10
AVG				1017.7		12	-24	-24	-29	04

SACHS HARBOUR NWT — MARCH 1963 1900 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	020	01	S-	1011.1	S	10	-02	-02	-05	10
02	UNL	15		1013.4	SW	06	-14	-14	-19	4
03	UNL	12		1013.5	W	06	-31	-31	-37	2
04	UNL	10		1014.0	NNW	09	-29	-29	-35	3
05	UNL	15		1023.7	N	03	-34	-34	-40	0
06	UNL	15		1018.1	SE	14	-18	-18	-23	8
07	UNL	15		1018.7	NNW	07	-28	-28	-34	0
08	020	10		1004.2	SSE	06	-06	-06	-09	10
09	UNL	10		1012.7	NNE	18	-35	-35	-41	2
10	UNL	15		1022.7	N	16	-37			0
11	UNL	15		1036.2	NW	03	-30	-30	-36	7
12	UNL	12		1033.7	NE	07	-33	-33	-39	0
13	UNL	12		1035.2	NNW	03	-29	-29	-35	2
14	UNL	15		1021.0	SE	14	-28	-28	-34	3
15	UNL	15		1016.0	S	18	-23	-23	-29	5
16	015	01	BS	1003.3	S	24	-20	-20	-25	10
17	UNL	02	F	1002.0	W	14	-35	-35	-41	6
18	UNL	03	F	1015.7	W	08	-32	-32	-38	2
19	UNL	15		1027.2	NNE	08	-38			0
20	UNL	15		1031.4	SE	16	-28	-28	-34	3
21	UNL	12		1020.4	ESE	18	-22	-22	-27	2
22	UNL	12		1021.7	ESE	12	-23	-23	-29	2
23	UNL	15		1016.0	SE	06	-18	-18	-23	6
24	UNL	15		1016.5	NE	16	-22	-22	-27	4
25	UNL	15		1013.9	NE	14	-25	-25	-31	0
26	UNL	12		1004.8	N	16	-27	-27	-33	2
27	UNL	08	S-	1011.6	E	04	-20	-20	-25	6
28	UNL	15		1021.6	N	12	-37			0
29	030	02	S-	1020.6	W	14	-20	-20	-24	10
30	UNL	12		1018.9	NW	12	-22	-22	-27	1
31	180	03	S-	1009.9	SE	16	-15	-15	-20	9
AVG				1017.7		11	-25	-25	-30	04

SACHS HARBOUR NWT — MARCH 1963 2200 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	010	01	S-	1011.2	SSW	05	-03	-02	-05	10
02	UNL	10	IC	1011.5	SW	08	-15	-15	-20	4
03	UNL	12		1013.6	W	10	-31	-31	-37	2
04	UNL	12		1015.5	NW	12	-36			2
05	UNL	15		1023.8	NNE	04	-38			0
06	UNL	15		1016.8	SE	18	-17	-17	-23	3
07	UNL	15		1018.6	NE	06	-28	-25	-31	0
08	020	10		1001.7	SE	08	-05	-05	-08	10
09	070	12		1013.4	NE	18	-31	-31	-37	8
10	UNL	10		1025.7	NNE	16	-39			1
11	UNL	06	IF	1035.9	N	04	-31	-31	-35	4
12	UNL	12		1033.5	NE	10	-34	-34	-40	1
13	UNL	15		1034.6	SE	08	-35	-35	-41	2
14	UNL	15		1020.3	SE	14	-29	-29	-35	0
15	UNL	08		1015.4	S	20	-23	-23	-29	5
16	012	00	1/4BS	998.5	SSE	30	-15	-15	-20	10
17	UNL	02	IF	1002.9	WNW	16	-35			5
18	UNL	08		1017.1	NW	08	-34	-34	-40	3
19	UNL	10		1029.1	NNE	08	-41			4
20	UNL	15		1030.1	SE	16	-26	-26	-32	3
21	UNL	12		1020.4	ESE	18	-25	-25	-31	3
22	UNL	15		1022.2	ESE	14	-25	-25	-31	0
23	UNL	15		1015.5	SE	14	-20	-20	-29	8
24	UNL	15		1017.8	NNE	18	-19	-19	-24	3
25	UNL	15		1011.1	E	20	-24	-24	-30	0
26	040	02	IF	1004.8	NNW	18	-24	-24	-28	10
27	040	10		1012.5	E	06	-21	-21	-26	7
28	UNL	15		1022.9	N	06	-39			0
29	080	08		1020.1	WNW	14	-21	-21	-25	7
30	UNL	10		1019.0	NNW	08	-25	-25	-31	1
31	UNL	10		1008.5	SE	16	-14	-14	-19	3
AVG				1017.5		13	-26			04

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

SACHS HARBOUR NWT — APRIL 1963 0100 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	060	08	S-	1008.3	ESE	12	-13	-13	-18	7
02	080	12		1018.4	WNW	16	-20	-20	-25	7
03	UNL	15		1016.9	SW	06	-23	-23	-29	3
04	UNL	12		1001.7	NW	06	-04	-04	-10	1
05	UNL	15		1011.2	ESE	10	-27	-27	-33	3
06	UNL	15		1013.5	SSE	18	-25	-25	-31	6
07	007	08		1014.8	SSE	24	-07	-07	-10	10
08	UNL	10		1017.3	SE	20	09	09	04	7
09	070	08		1008.9	SSE	36	10	09	05	6
10	090	15		1006.0	SE	28	05	05	00	7
11	UNL	15		1012.7	SSE	12	07	06	02	4
12	030	15		1023.0	ENE	12	04	04	00	8
13	018	12		1011.6	ESE	14	10	10	05	9
14	012	12		1018.1	SE	02	07	07	03	7
15	UNL	15		1024.6	E	16	00	-01	-06	1
16	UNL	15		1020.9	ESE	28	16	15	09	2
17	016	01	S-BS	1012.7	SE	30	16	16	15	10
18	030	12		1021.4	SE	14	12	12	07	8
19	010	15		1030.1	SE	12	12	12	07	10
20	160	15		1027.8	WSW	10	10	10	06	9
21	UNL	05	F	1024.4	NNW	10	-01	-01	-05	7
22	180	12		1018.0	SE	04	-04	-04	-10	9
23	180	08		1003.9	SE	24	16	15	11	10
24	008	08		1009.2	SSW	16	12	12	08	10
25	UNL	15		1014.7	N	10	-05	-05	-11	2
26	UNL	15		1022.9	E	14	-01	-02	-08	5
27	UNL	15		1029.7	N	10	-09	-09	-15	2
28	UNL	15		1038.6	SE	06	06	06	-01	0
29	UNL	15		1026.3	ESE	22	12	12	06	2
30	UNL	15		1023.7	ESE	24	06	06	00	2
AVG				1017.4		16	01	01	-04	06

SACHS HARBOUR NWT — APRIL 1963 0400 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	060	08	S-	1009.0	SE	02	-08	-08	-12	9
02	080	15		1018.5	WNW	16	-22	-22	-27	6
03	UNL	15		1015.5	SE	06	-24	-24	-30	5
04	080	12		1001.8	N	10	-10	-10	-16	9
05	UNL	15		1010.4	E	22	-29	-29	-35	4
06	040	15		1012.3	SE	24	-26	-26	-32	7
07	008	00	1/2S-F	1015.5	SE	22	-09	-02	-05	10
08	180	12		1016.3	SE	24	10	09	04	9
09	070	10		1007.8	SE	34	08	08	02	7
10	UNL	15		1006.9	SE	26	04	04	-02	5
11	004	00	1/8F	1014.7	SSE	10	07	07	05	10
12	UNL	15		1022.2	ENE	16	04	04	-01	3
13	016	15		1010.8	SSE	10	11	11	07	10
14	UNL	15		1020.0	E	10	03	03	-02	1
15	UNL	15		1024.9	E	12	06	05	00	2
16	040	04	BS	1019.2	ESE	34	18	17	13	8
17	012	00	1/2S-BS	1013.5	SE	24	13	13	11	10
18	180	15		1023.4	ESE	18	10	10	05	9
19	010	15		1030.2	SSE	18	10	09	06	10
20	018	10		1027.3	WSW	04	08	08	04	10
21	UNL	10		1024.3	N	10	-04	-04	-08	3
22	180	15		1016.4	ENE	06	-01	-01	-07	9
23	070	05	BS	1002.7	SE	28	16	15	11	10
24	006	00	1/2S-F	1005.9	SSW	14	11	11	09	10
25	UNL	08		1016.1	N	10	-10	-10	-16	2
26	UNL	15		1023.3	E	12	00	-01	-07	3
27	UNL	15		1030.9	NE	12	-07	-07	-13	0
28	UNL	15		1034.6	SE	06	05	04	-02	0
29	UNL	15		1028.6	ESE	24	13	12	06	4
30	UNL	15		1023.5	SE	26	04	04	-02	2
AVG				1017.5		16	01	00	-04	06

SACHS HARBOUR NWT — APRIL 1963 0700 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	060	10		1010.4	NE	10	-15	-15	-20	6
02	080	04	IF	1018.9	W	16	-21	-21	-26	9
03	UNL	15		1014.1	S	14	-21	-21	-26	10
04	035	02	S-IF	1002.4	NNW	14	-11	-11	-14	9
05	UNL	15		1010.8	E	16	-27	-27	-33	1
06	030	00	1/2BS	1011.0	SE	34	-19	-19	-24	9
07	008	03	BS	1015.8	SE	24	05	05	02	10
08	180	15		1015.9	SE	26	11	11	06	9
09	070	08		1007.4	SE	26	05	05	00	8
10	UNL	15		1008.6	SE	18	07	06	00	4
11	002	00	1/8F	1016.5	SSE	12	09	09	08	10
12	005	00	1/2F	1020.1	ESE	14	07	07	05	10
13	016	10		1010.8	SE	18	09	09	06	9
14	UNL	08		1021.6	ENE	14	01	01	-03	2
15	UNL	15		1024.7	ENE	06	08	07	02	1
16	UNL	02	BS	1018.3	ESE	40	15	14	10	4
17	010	00	3/8S-F	1014.7	SE	16	13	14	11	10
18	180	15		1024.7	ESE	16	08	08	02	9
19	008	15		1030.3	SSE	18	10	10	05	10
20	015	04	F	1026.9	NW	06	09	09	06	10
21	008	12		1024.6	NNE	04	-01	-01	-05	10
22	UNL	15		1014.2	E	14	04	03	-03	3
23	018	02	BS	1002.2	SE	32	16	15	12	10
24	008	08	S-	1006.7	S	14	10	10	06	10
25	UNL	12		1017.5	NNE	12	-11	-11	-17	1
26	UNL	15		1024.0	ENE	12	01	01	-06	0
27	UNL	15		1032.4	NE	14	-02	-03	-09	0
28	UNL	15		1033.7	ESE	08	10	09	03	0
29	UNL	15		1025.6	ESE	22	13	12	06	4
30	UNL	15		1023.3	SE	22	07	06	00	2
AVG				1017.6		17	02	01	-03	06

SACHS HARBOUR NWT — APRIL 1963 1000 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	10		1012.3	N	10	-16	-16	-21	6
02	180	10		1018.6	WNW	11	-18	-18	-23	9
03	060	02	IF	1011.6	SSE	20	-15	-15	-20	10
04	UNL	03	BS	1003.9	N	24	-15	-15	-20	3
05	UNL	15		1011.5	E	06	-20	-20	-27	0
06	030	00	1/2BS	1010.6	SSE	28	-13	-13	-18	7
07	008	00	1/2S-BS	1016.0	SE	20	11	11	08	10
08	180	06	BS	1014.5	SSE	34	15	15	11	9
09	UNL	12		1006.8	SE	30	08	08	03	7
10	UNL	15		1010.9	ESE	12	12	11	05	6
11	010	00	3/4S-	1019.2	S	06	09	09	06	10
12	UNL	12		1017.8	E	14	10	10	06	9
13	UNL	15		1010.8	ESE	18	10	09	06	1
14	015	08		1022.5	E	07	08	08	04	10
15	UNL	15		1024.6	ESE	03	16	15	10	0
16	UNL	02	BS	1017.4	ESE	42	15	14	09	9
17	010	02	S-	1015.7	SSE	10	14	14	12	10
18	UNL	15		1026.3	SE	12	11	10	05	6
19	002	00	1/8F	1030.3	SSE	12	12	13	10	10
20	100	12		1026.3	W	04	11	11	07	9
21	007	05	F	1024.2	N	04	-02	-02	-06	10
22	UNL	12		1012.4	E	16	08	08	03	2
23	010	00	1/4S-BS	1001.1	SE	32	17	16	14	10
24	008	03	S-F	1007.8	S	16	09	09	05	10
25	UNL	12		1018.5	NE	12	-05	-05	-10	1
26	UNL	15		1024.6	ESE	14	03	03	-04	2
27	UNL	15		1033.6	NE	12	02	02	-03	0
28	UNL	15		1032.9	SE	08	14	13	07	0
29	UNL	15		1024.8	SE	26	16	15	10	0
30	UNL	12		1023.4	ESE	34	12	11	06	0
AVG				1017.7		17	05	04	00	06

SACHS HARBOUR NWT — APRIL 1963 1300 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	12		1014.5	NNW	10	-15	-15	-20	7
02	180	10		1018.6	W	14	-14	-14	-19	10
03	180	03	IF	1008.4	SE	22	-12	-12	-17	8
04	UNL	03	BS	1006.8	N	25	-23	-23	-29	1
05	UNL	15		1012.5	SSE	08	-18	-18	-23	5
06	030	00	3/4BS	1010.9	SSE	24	-11	-11	-16	9
07	015	06	BS	1016.9	SE	26	15	15	13	10
08	UNL	06	BS	1013.7	SSE	34	17	16	15	8
09	UNL	02	BS	1005.4	SE	36	09	08	04	8
10	UNL	15		1010.2	ESE	08	17	16	11	8
11	015	06	S-	1021.5	S	02	11	11	06	9
12	030	12		1015.7	SE	14	15	15	09	10
13	UNL	15		1011.4	SSE	10	10	10	06	7
14	020	10	S-	1023.5	NE	05	10	10	07	9
15	UNL	15		1024.8	N	04	13	12	06	0
16	UNL	01	BS	1015.1	SE	42	18	17	13	8
17	008	01	S-	1016.8	SE	04	15	15	13	10
18	UNL	15		1027.8	SE	08	12	12	07	3
19	005	00	1/4F	1030.3	S	10	15	15	13	10
20	UNL	01	F	1026.2	W	06	12	12	09	7
21	007	08		1023.2	N	02	03	03	-01	10
22	UNL	15		1010.7	ESE	14	11	10	05	0
23	010	00	1/8S-BS	1001.7	SE	34	14	14	11	10
24	180	03	S-	1009.0	S	10	09	09	06	10
25	UNL	15		1019.6	NE	08	01	01	-04	3
26	UNL	15		1025.3	NE	14	05	05	-01	2
27	UNL	15		1034.6	NE	08	07	07	00	0
28	UNL	15		1031.9	SE	08	15	14	08	0
29	UNL	15		1024.9	ESE	26	17	16	11	2
30	UNL	15		1029.8	ESE	32	13	12	07	0
AVG				1017.9		16	06	06	02	06

SACHS HARBOUR NWT — APRIL 1963 1600 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1016.4	NNW	16	-15	-15	-20	2
02	UNL	10		1018.3	W	10	-14	-14	-19	5
03	015	00	1/2S-BS	1005.4	SE	22	-08	-08	-12	10
04	UNL	06	BS	1008.7	NNE	26	-23	-23	-29	1
05	UNL	15		1013.	SW	06	-17	-17	-23	8
06	015	06	BS	1012.4	S	22	-08	-08	-12	10
07	030	12		1017.2	SE	26	16	15	13	
08	UNL	06	BS	1012.2	SSE	36	18	17	14	6
09	UNL	12		1004.9	SE	34	08	08	03	7
10	180	15		1010.9	SE	06	16	15	09	9
11	UNL	08	1/4F	1022.8	NNE	04	09	09	05	7
12	020	12		1014.1	ESE	14	14	14	11	9
13	UNL	15		1012.5	S	06	12	12	08	7
14	015	10	S-	1024.1	E	08	12	12	09	9
15	UNL	15		1023.5	ESE	18	19	18	14	1
16	180	00	1/4BS	1012.9	ESE	46	20	19	14	9
17	010	00	1/2S	1017.6	NE	04	14	15	12	10
18	UNL	15		1028.8	ESE	02	15	14	08	5
19	010	08		1029.9	S	08	17	17	14	9
20	UNL	15		1025.9	WSW	06	10	10	06	2
21	008	10	S-	1022.5	NNE	03	02	02	-02	10
22	UNL	15		1009.2	ESE	20	13	12	08	3
23	010	01	S-BS	1002.0	SE	26	14	14	11	10
24	UNL	10		1010.0	ESE	05	08	08	04	5
25	UNL	15		1020.5	NE	12	01	01	-04	1
26	UNL	15		1028.4	NNE	08	05	04	-02	2
27	UNL	15		1034.7	NE	10	07	07	00	0
28	UNL	15		1029.8	ESE	10	20	19	14	0
29	UNL	15		1024.8	ESE	20	17	16	11	3
30	UNL	15		1023.7	ESE	32	14	14	09	0
AVG				1017.9		16	07	07	02	06

SACHS HARBOUR NWT — APRIL 1963 1900 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1017.5	NW	18	-18	-18	-29	3
02	UNL	15		1018.3	NW	12	-20	-20	-25	2
03	070	06	S-	1002.9	SE	10	-06	-06	-09	8
04	UNL	15		1011.0	NE	13	-28	-28	-34	2
05	UNL	15		1014.0	SE	06	-21	-21	-26	6
06	012	04	IF	1013.6	SSE	18	-07	-07	-10	10
07	UNL	15		1017.9	SE	22	12	12	09	9
08	UNL	10		1010.7	SSE	38	16	15	12	6
09	180	15		1004.7	SE	30	07	07	03	9
10	180	15		1011.2	SE	08	12	12	07	9
11	015	12		1029.3	NNE	16	09	09	06	10
12	180	12		1013.2	SE	16	11	11	07	9
13	UNL	15		1014.5	SW	04	11	11	07	7
14	UNL	15		1024.5	ENE	12	04	04	01	1
15	UNL	15		1023.2	SE	09	14	13	09	2
16	090	00	1/2BS	1012.0	SE	44	18	17	13	9
17	010	00	3/4S-	1018.8	SSE	06	15	15	13	10
18	UNL	15		1029.4	SSE	03	13	13	08	2
19	030	12		1029.1	SW	09	16	15	13	9
20	UNL	06	SW-	1024.9	SW	06	08	08	06	6
21	UNL	15		1021.1	ENE	12	-05	-05	-09	2
22	UNL	15		1007.0	ESE	24	11	11	06	8
23	006	00	1/2S BS	1002.6	S	22	15	16	13	10
24	UNL	10		1011.3	NE	10	04	04	01	3
25	UNL	15		1021.3	NE	14	-02	-02	-06	0
26	UNL	15		1027.3	NE	12	-02	-02	-07	0
27	UNL	15		1034.6	ENE	10	08	08	02	0
28	UNL	15		1028.1	ESE	18	18	17	13	0
29	UNL	15		1023.6	ESE	26	13	13	07	3
30	UNL	15		1023.9	ESE	28	13	12	08	0
AVG				1017.9		16	05	05	01	05

SACHS HARBOUR NWT — APRIL 1963 2200 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	025	15		1018.2	NW	16	-21	-21	-26	9
02	UNL	15		1018.1	WNW	10	-22	-22	-27	1
03	070	08	S-	1001.9	SE	04	-05	-05	-09	8
04	UNL	15		1011.2	E	18	-30	-30	-36	3
05	UNL	15		1014.1	S	16	-22	-22	-27	6
06	060	08		1014.0	SSE	22	-08	-08	-12	9
07	180	04	BS	1018.0	ESE	28	14	13	11	8
08	UNL	08		1009.8	SSE	40	15	12	08	6
09	070	12		1005.1	SE	30	07	07	03	9
10	UNL	15		1011.9	SE	08	09	09	04	6
11	UNL	08		1023.7	NE	14	03	03	00	5
12	180	12		1022.4	ESE	22	10	10	06	9
13	018	15		1016.5	SE	08	05	05	01	7
14	UNL	15		1024.3	ENE	14	02	01	-05	2
15	UNL	15		1022.0	SE	16	12	11	06	3
16	016	01	BS	1012.0	SE	36	17	16	13	10
17	012	10		1019.7	SE	14	15	15	11	10
18	018	15		1029.9	SE	10	10	10	05	10
19	180	10		1028.7	WNW	08	12	12	08	10
20	040	02	F	1024.7	SW	02	05	05	01	6
21	007	00	1/4F	1019.5	SSE	05	-01	-01	-04	10
22	UNL	10		1005.9	ESE	26	14	13	07	8
23	009	10		1003.7	SSW	14	14	14	11	10
24	UNL	12		1019.2	NNE	10	-04	-04	-10	9
25	UNL	15		1022.4	ENE	14	-01	-02	-08	1
26	UNL	15		1028.9	NE	08	-02	-02	-07	0
27	UNL	15		1034.6	E	08	08	08	01	0
28	UNL	15		1026.7	ESE	26	17	17	13	2
29	UNL	15		1023.9	ESE	30	10	09	04	4
30	UNL	15		1023.8	ESE	24	11	10	04	9
AVG				1017.9		17	03	03	-02	06

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

SACHS HARBOUR NWT — MAY 1963 0100 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1024.2	ESE	24	10	09	04	2
02	UNL	15		1026.2	SE	20	13	12	07	8
03	UNL	15		1026.4	SE	08	12	11	06	3
04	000	00	F	1028.0	N	12	15	15	13	10
05	001	00	1/2F	1026.4	WSW	04	15	15	13	10
06	007	12		1017.9	SSE	16	20	20	17	10
07	090	15		1003.5	E	12	15	14	08	8
08	010	08		999.6	SE	14	20	20	17	10
09	012	10		1004.2	WSW	08	22	21	17	10
10	010	12		1010.8	NW	10	16	16	11	10
11	006	10	S-	1014.1	NNW	08	10	10	07	10
12	020	15		1010.0	ENE	12	14	13	09	10
13	018	12		1012.4	ESE	06	25	22	19	10
14	035	15		1009.4	E	14	28	27	24	9
15	UNL	15		1010.8	ESE	12	24	23	19	2
16	040	15		1018.6	SSE	06	24	22	17	8
17	040	15		1019.4	SE	24	26	25	20	9
18	010	08		1024.7	WNW	28	30	29	27	10
19	010	15		1033.5	S	04	26	24	21	10
20	UNL	15		1023.6	SE	24	27	26	21	3
21	UNL	15		1018.1	SE	14	30	29	27	7
22	010	12		1018.3	WNW	14	27	27	24	10
23	008	02	S-F	1019.7	NW	22	24	23	21	10
24	008	15		1027.8	N	20	17	16	12	10
25	012	15		1025.0	NW	10	18	17	13	10
26	016	15		1019.3	NE	12	18	18	14	9
27	012	15		1023.6	NNW	08	21	21	17	10
28	016	15		1019.7	NNE	14	09	08	04	9
29	009	08	S-	1023.3	SE	12	13	13	09	10
30	008	00	1/2S-F	1014.6	SW	16	21	21	20	10
31	009	12	S-	1008.9	S	10	24	24	21	10
AVG				1018.0		13	20	19	15	09

SACHS HARBOUR NWT — MAY 1963 0400 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1025.0	SE	18	08	08	02	7
02	UNL	15		1026.6	SE	18	15	14	08	5
03	UNL	15		1026.4	SE	06	12	11	05	5
04	002	00	1/8F	1028.6	N	08	15	15	14	10
05	002	00	9/8F	1026.0	SSW	06	15	15	14	10
06	007	12		1016.5	SSE	16	19	19	16	10
07	025	15		1002.1	ESE	14	16	15	10	10
08	010	10		1000.0	SE	10	21	20	17	10
09	010	10		1005.6	W	08	22	20	16	10
10	008	12		1011.1	N	04	16	15	11	10
11	008	08	S-	1014.5	NNW	04	09	09	06	10
12	012	08	S-	1009.6	ENE	16	16	16	13	10
13	008	10		1012.5	SE	08	23	22	19	10
14	040	15		1008.9	SE	12	28	26	22	9
15	UNL	15		1011.6	E	08	23	21	16	1
16	040	15		1020.0	SSE	04	24	22	17	9
17	040	15		1017.9	SE	14	30	28	25	10
18	010	12		1026.9	NW	24	27	26	23	10
19	010	15		1033.4	SSE	08	26	25	21	10
20	UNL	15		1021.4	SE	24	28	26	21	4
21	050	12		1018.5	SE	14	29	28	25	8
22	008	10		1017.5	WNW	24	26	24	21	10
23	006	08	ZL-	1017.5	N	08	25	25	23	10
24	009	15		1027.7	NW	18	16	15	11	10
25	012	15		1024.1	NW	04	18	17	12	10
26	014	15		1021.0	N	12	16	16	11	10
27	009	10	S-	1022.1	W	08	22	22	18	10
28	014	10		1020.7	NNE	20	10	09	06	10
29	008	06	S-	1022.6	E	02	15	15	12	10
30	009	08	S-	1012.9	SW	16	22	22	19	10
31	009	12		1008.6	SSE	10	25	24	21	10
AVG				1018.0		12	20	19	15	09

SACHS HARBOUR NWT — MAY 1963 0700 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1025.3	ESE	18	12	11	05	8
02	UNL	15		1026.6	SE	18	17	16	09	4
03	UNL	15		1026.3	SSE	06	14	13	07	6
04	004	01	1/2F	1028.5	NW	06	17	17	15	10
05	002	00	1/8F	1025.0	S	10	13	14	12	10
06	006	10		1015.0	S	12	19	19	16	10
07	025	15		1000.8	SE	20	19	18	13	10
08	010	12		999.8	SE	16	22	21	17	10
09	008	12		1006.2	W	12	23	21	17	10
10	008	12		1011.1	NW	06	15	15	11	10
11	008	08	S-	1014.6	W	02	10	10	07	10
12	008	00	1/2S-F	1009.1	ENE	16	19	19	17	10
13	012	12		1012.0	ENE	12	23	22	19	10
14	200	15		1008.6	ESE	16	29	26	21	7
15	UNL	15		1012.0	ESE	10	26	24	18	1
16	040	15		1020.6	SSE	04	26	24	19	8
17	008	12		1017.9	WSW	06	32	30	27	9
18	010	15		1029.7	NNW	24	26	25	21	10
19	008	10		1032.3	S	18	27	26	24	10
20	UNL	15		1019.4	SE	26	31	29	23	5
21	040	15		1018.8	SE	06	31	29	26	9
22	008	10		1016.6	NW	22	24	23	20	10
23	008	10		1018.7	NNW	20	25	24	21	10
24	005	02	F	1026.7	NW	22	17	17	14	10
25	012	15		1022.8	WNW	04	19	18	15	10
26	012	15		1021.9	NE	14	16	15	12	10
27	005	03	S-F	1019.8	WNW	14	24	24	22	10
28	018	12		1021.8	NNE	18	10	09	05	10
29	008	04	S-	1021.8	WNW	08	15	15	13	10
30	009	10	S-	1011.6	SW	12	23	23	20	10
31	003	10		1008.4	SSE	14	25	24	22	10
AVG				1017.7		13	21	20	16	09

SACHS HARBOUR NWT — MAY 1963 1000 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1025.7	SE	18	18	17	12	7
02	UNL	15		1026.8	SE	18	20	19	14	2
03	UNL	15		1026.8	S	04	17	16	09	3
04	006	08		1028.2	WNW	08	18	18	15	10
05	008	03	F	1024.6	SSE	10	12	12	10	10
06	008	12		1013.3	SSE	04	21	20	17	7
07	008	00	1/2S-BS	1000.7	SE	26	19	19	17	10
08	010	12		1000.0	SSE	14	24	23	19	10
09	008	04	S-	1007.2	W	12	24	23	21	10
10	008	01	S-	1011.6	NW	06	15	15	12	10
11	012	10	S-	1014.4	ENE	06	11	11	08	10
12	008	06	S-	1009.6	ENE	08	22	22	19	10
13	012	12		1011.3	ESE	10	26	25	22	9
14	UNL	15		1008.7	SE	10	30	28	25	7
15	UNL	15		1013.2	S	04	29	27	22	1
16	050	15		1021.6	S	08	28	26	22	9
17	002	00	1/8F	1019.1	W	10	30	30	29	10
18	012	15		1031.1	NNW	24	26	24	20	10
19	008	10		1031.2	SSE	22	28	27	25	10
20	040	15		1018.5	SE	26	33	31	27	9
21	UNL	15		1019.7	NNW	16	33	31	29	4
22	010	12		1016.5	WNW	22	22	22	19	10
23	010	10		1020.8	NNW	32	23	22	19	10
24	005	02	F	1025.0	WNW	30	18	18	15	10
25	012	15		1021.0	SSE	03	20	19	16	10
26	009	08	S-	1023.2	N	10	18	17	15	10
27	005	01	S-F	1018.4	WNW	16	25	25	23	10
28	015	12		1022.7	NE	14	11	11	06	10
29	008	04	S-	1021.0	WSW	10	16	16	13	10
30	008	01	S-	1010.8	SW	12	24	24	22	10
31	006	12		1008.9	SSE	14	25	24	21	10
AVG				1017.8		14	22	21	18	09

SACHS HARBOUR NWT — MAY 1963 1300 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1025.8	SSE	20	20	19	14	7
02	UNL	15		1026.9	SSE	14	22	20	17	3
03	UNL	15		1027.2	S	02	22	20	15	1
04	006	05	F	1026.2	WNW	10	19	18	17	10
05	008	06	F	1023.2	S	14	17	17	15	10
06	UNL	15		1011.5	N	04	21	20	16	1
07	010	12		1000.2	SE	18	23	23	20	10
08	006	00	3/4S-	1000.4	SSE	14	25	25	24	10
09	004	01	S-F	1008.1	W	14	24	24	23	10
10	014	06	S-	1011.9	W	06	16	16	13	10
11	UNL	15		1014.0	E	06	13	12	08	1
12	010	10		1010.5	NE	12	21	21	18	10
13	012	12		1010.6	SE	12	28	27	24	9
14	UNL	15		1009.0	SE	14	32	30	26	4
15	UNL	15		1014.0	S	04	29	26	20	1
16	UNL	15		1022.6	S	08	29	27	22	6
17	010	12		1019.6	S	10	31	30	28	10
18	010	12		1032.9	NNW	14	27	26	23	10
19	008	12		1030.7	SSE	22	29	28	25	10
20	UNL	15		1017.5	SSE	24	36	33	30	6
21	UNL	15		1020.7	NW	08	35	33	29	7
22	008	12	S-	1016.5	WNW	22	21	20	17	10
23	010	12		1023.9	N	30	21	20	17	10
24	010	12		1024.9	NW	26	21	21	17	10
25	010	05	S-	1019.7	SSE	08	21	21	18	10
26	012	15		1024.0	NW	04	20	20	16	10
27	010	10		1017.4	NNW	14	25	25	23	10
28	015	15		1023.3	NE	08	14	13	07	10
29	007	10	S-	1020.2	WSW	14	17	17	13	10
30	008	10	S-	1010.2	SW	10	25	24	22	10
31	008	12		1009.3	SE	12	26	25	22	9
AVG				1017.9		13	24	23	19	08

SACHS HARBOUR NWT — MAY 1963 1600 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1026.1	SSE	14	20	19	14	6
02	UNL	15		1026.5	SSE	10	22	20	17	2
03	UNL	15		1027.7	NW	04	20	19	14	1
04	006	04	F	1027.8	W	08	17	17	14	10
05	008	10		1021.7	SSE	16	19	19	17	10
06	UNL	15		1009.1	ESE	02	27	25	21	1
07	010	12		1000.0	SE	18	25	25	22	10
08	006	01	S-	1001.4	SSE	14	24	24	24	10
09	004	01	S-	1009.4	WNW	06	24	24	22	10
10	015	04	S-	1012.7	WNW	07	17	16	14	10
11	UNL	15		1013.1	ENE	10	13	12	08	3
12	010	10		1011.3	NE	12	20	20	17	9
13	012	12		1010.4	ESE	04	30	29	26	9
14	UNL	15		1009.5	ENE	08	34	32	29	3
15	UNL	15		1015.4	N	05	29	27	21	3
16	UNL	15		1022.6	S	14	29	27	22	4
17	010	12		1020.6	WNW	28	33	32	30	9
18	010	12		1034.0	NNE	08	28	27	24	10
19	008	12		1029.1	SSE	26	30	28	26	9
20	UNL	15		1018.3	SSE	20	34	33	30	2
21	UNL	15		1020.4	WSW	18	37	34	31	7
22	006	10		1016.2	WNW	26	21	20	18	10
23	008	12		1025.5	N	23	21	21	17	10
24	007	12		1025.1	NNW	22	20	20	16	10
25	008	15		1018.0	S	08	23	22	19	9
26	008	08	S-	1024.6	NNW	14	23	22	20	10
27	010	10		1017.0	NNE	20	22	22	19	10
28	010	08	S-	1024.2	N	06	14	13	09	10
29	009	10	S-	1019.1	SW	16	19	18	16	10
30	008	10	S-	1009.7	SW	10	26	25	23	10
31	UNL	15		1009.4	ENE	06	27	25	22	3
AVG				1017.9		13	24	23	20	07

SACHS HARBOUR NWT — MAY 1963 1900 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1025.9	SE	14	18	17	13	7
02	UNL	15		1026.1	SSE	14	17	16	11	1
03	UNL	15		1027.6	W	06	19	18	13	1
04	006	05	F	1027.0	W	06	17	17	14	10
05	010	10		1020.2	SSE	18	19	19	16	10
06	UNL	15		1007.6	SE	08	21	20	16	7
07	015	12		999.7	SE	17	24	23	21	8
08	010	10	S-	1001.7	S	10	26	25	24	10
09	008	10	S-	1009.8	W	10	25	23	21	10
10	010	10	S-	1012.9	NW	08	14	14	11	10
11	040	15		1012.3	ESE	08	15	14	10	10
12	020	12		1011.8	NE	12	20	20	17	9
13	030	12		1010.1	S	03	29	28	25	9
14	UNL	15		1009.3	S	06	31	29	26	4
15	UNL	15		1016.3	NE	06	29	27	21	1
16	UNL	15		1021.7	SE	20	28	26	21	2
17	010	12		1021.8	NW	30	32	31	29	9
18	010	12		1033.9	NNE	05	26	25	22	10
19	UNL	15		1027.4	SSE	24	29	28	26	2
20	UNL	15		1017.8	SE	18	33	32	29	6
21	025	12		1019.3	WNW	18	31	30	27	9
22	006	10		1015.3	WNW	26	22	21	19	10
23	008	12		1026.3	N	20	21	21	17	10
24	010	12		1025.3	NNW	14	20	20	16	10
25	015	15		1017.2	ESE	12	23	22	19	9
26	010	12		1024.7	NNW	14	22	22	19	10
27	010	08	S-	1017.1	NNE	20	19	19	16	10
28	010	12		1023.8	E	04	14	14	09	10
29	007	03	S-	1017.4	SW	18	20	19	18	10
30	008	10	S-	1009.4	SSW	08	25	25	22	10
31	025	15		1009.3	ENE	06	27	25	22	9
AVG				1017.6		13	23	22	19	08

SACHS HARBOUR NWT — MAY 1963 2200 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1026.2	SE	18	13	12	06	6
02	UNL	15		1026.2	SE	12	13	12	06	2
03	025	04	F	1027.8	NW	10	14	14	11	6
04	006	05	F	1026.6	WSW	04	16	16	13	10
05	010	12		1019.0	SSE	16	20	20	17	10
06	090	15		1005.9	ESE	10	16	15	10	8
07	010	00	1/2S-F	1000.0	SE	18	20	20	18	10
08	008	02	S-F	1003.2	W	14	24	24	22	10
09	008	12		1010.4	WNW	10	20	20	16	10
10	006	03	S-	1013.3	NW	05	12	12	09	10
11	025	15		1011.2	E	06	16	15	10	10
12	025	15		1012.3	ESE	08	23	21	17	9
13	040	15		1009.4	ESE	18	27	29	21	9
14	UNL	15		1010.5	SW	06	25	23	17	1
15	040	15		1017.4	SE	06	27	25	19	6
16	UNL	15		1021.2	SE	20	25	24	18	8
17	010	00	3/4S-F	1023.6	NW	22	31	30	29	10
18	010	15		1033.6	ENE	06	25	24	20	10
19	UNL	15		1025.6	SE	18	28	26	22	3
20	200	15		1018.2	SSE	15	31	29	27	9
21	010	10	S-	1018.8	WNW	16	29	28	27	10
22	006	06	S-F	1014.7	NW	30	26	26	24	10
23	008	12		1028.7	NNW	20	19	18	15	10
24	012	15		1029.6	NNW	12	19	18	14	10
25	016	15		1017.9	ENE	14	19	18	14	7
26	010	12		1024.4	NNW	12	22	22	19	10
27	010	01	S-F	1017.9	ENE	16	14	14	12	10
28	010	06	S-	1023.7	SSE	06	14	13	11	10
29	010	10	S-	1015.7	SW	18	20	20	17	10
30	009	12	S-	1008.9	S	10	25	24	22	10
31	020	15		1009.4	SE	07	27	26	24	9
AVG				1017.7		13	21	21	17	09

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

SACHS HARBOUR NWT
JUNE 1963 0100 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	020	15		1009.4	ESE	14	24	23	21	9
02	UNL	15		1013.8	SE	14	26	24	20	5
03	UNL	15		1016.6	ESE	18	32	31	27	4
04	UNL	15		1019.0	ESE	24	34	32	29	1
05	090	15		1009.4	SE	26	34	33	29	10
06	006	05	R-	1009.0	ESE	18	32	32	32	10
07	000	00	F	1008.0	SSE	06	30	30	29	10
08	010	12		1009.5	N	14	32	31	31	10
09	003	06	ZL-	1012.1	WNW	16	30	29	29	10
10	UNL	15		1019.3	ESE	12	32	30	27	9
11	UNL	15		1008.9	ESE	18	33	32	30	2
12	040	15		1007.6	NE	10	37	36	34	9
13	040	15		1011.4	NNE	08	36	35	32	8
14	015	00	3/4F	1018.2	NE	14	34	33	31	10
15	015	15		1021.8	SE	14	37	37	36	10
16	UNL	15		1018.1	ESE	10	39	37	33	4
17	000	00	L-F	1014.2	SSE	12	33	33	33	10
18	002	00	1/8F	1014.6	NW	08	30	30	29	10
19	005	10		1008.1	NW	28	31	31	30	9
20	006	06	R-	1014.6	N	08	35	35	35	10
21	UNL	15		1017.3	NNE	10	38	37	36	2
22	UNL	00	F	1016.8	SE	08	34	33	33	7
23	UNL	15		1008.9	SE	14	35	33	32	0
24	UNL	15		1005.0	ESE	22	38	36	32	3
25	220	15		1004.8	ESE	34	44	40	35	8
26	UNL	15		1007.1	E	10	43	42	39	4
27	UNL	15		1010.6	NE	13	45	43	41	3
28	UNL	15		1009.1	SSE	08	39	37	34	5
29	UNL	15		1013.4	E	03	46	42	38	3
30	040	15		1018.6	S	06	42	41	39	8
AVG				1012.3		14	35	34	32	07

SACHS HARBOUR NWT
JUNE 1963 0400 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1009.4	ESE	14	22	20	15	3
02	UNL	15		1013.9	SE	16	27	25	21	6
03	UNL	15		1016.5	ESE	16	33	31	28	6
04	UNL	15		1012.4	SE	28	34	32	28	2
05	090	15		1008.9	SE	34	33	32	30	10
06	008	10		1007.1	SE	22	33	32	32	9
07	000	00	ZL-F	1008.7	SSE	06	31	31	30	10
08	007	12		1008.6	NNW	20	32	31	30	10
09	003	01	S-F	1013.9	NW	16	30	30	29	10
10	UNL	15		1017.9	ESE	14	33	31	27	2
11	UNL	15		1008.0	ENE	18	32	31	29	3
12	050	15		1007.8	NE	12	36	35	33	9
13	040	15		1012.2	NE	10	36	35	32	9
14	UNL	15		1019.0	ENE	12	34	33	33	2
15	UNL	15		1021.2	ESE	12	37	36	35	2
16	UNL	15		1017.1	E	08	40	38	35	1
17	000	00	F	1014.5	S	06	32	32	31	10
18	002	00	1/8F	1013.7	NNW	08	30	30	29	10
19	004	01	ZL-F	1008.3	NW	24	32	32	31	10
20	003	00	3/4R-F	1015.3	NE	06	36	36	36	10
21	UNL	15		1017.6	ENE	08	39	38	37	1
22	002	00	F	1016.0	SSE	10	31	31	31	10
23	UNL	15		1007.7	ESE	16	37	33	31	0
24	UNL	15		1004.6	SE	22	39	36	32	2
25	090	15		1003.8	ESE	28	43	40	36	9
26	UNL	15		1008.1	ESE	08	44	42	39	9
27	UNL	15		1010.8	NE	14	43	40	38	8
28	UNL	15		1009.4	E	08	45	42	39	2
29	UNL	15		1014.0	ENE	08	45	42	39	4
30	UNL	15		1018.6	ENE	08	43	41	39	3
AVG				1012.2		14	35	34	32	06

SACHS HARBOUR NWT
JUNE 1963 0700 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1009.3	ESE	16	25	23	17	3
02	UNL	15		1014.6	SE	18	30	28	24	7
03	UNL	15		1015.7	ESE	18	36	33	28	1
04	UNL	15		1011.9	SE	22	36	33	28	3
05	090	15		1009.2	SE	32	34	33	31	10
06	008	10		1006.6	SE	20	33	32	31	9
07	004	01	F	1009.5	WNW	12	31	30	30	10
08	006	06	F	1008.5	NNW	18	31	31	30	10
09	004	08		1015.7	NW	16	30	30	29	10
10	UNL	15		1016.6	ESE	18	35	32	27	4
11	UNL	15		1006.9	E	14	35	34	31	3
12	220	15		1008.1	NE	18	39	37	34	8
13	015	15		1012.8	NNE	12	38	37	36	8
14	UNL	15		1019.7	SE	06	38	37	35	6
15	015	15		1021.0	SE	08	38	36	35	9
16	UNL	15		1016.5	SE	12	45	41	38	1
17	000	00	F	1014.5	S	14	32	32	32	10
18	004	08		1012.8	N	08	30	30	29	10
19	004	03	L-F	1008.9	NW	20	33	33	32	10
20	008	15		1015.7	NE	06	38	37	35	9
21	UNL	15		1018.1	NE	10	37	35	33	3
22	UNL	10		1015.3	SSE	10	34	33	32	2
23	UNL	15		1007.0	ESE	16	44	39	34	0
24	UNL	12		1004.3	ESE	28	42	39	34	3
25	040	12	R-	1003.0	ESE	32	42	39	36	9
26	UNL	15		1008.3	NE	12	47	44	40	5
27	UNL	15		1010.5	ENE	10	46	43	38	3
28	UNL	15		1009.6	SE	14	46	42	38	3
29	050	15		1014.5	S	06	48	43	39	8
30	050	15		1018.6	S	03	48	46	43	9
AVG				1012.1		15	37	35	33	06

SACHS HARBOUR NWT
JUNE 1963 1000 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1009.5	SE	16	28	26	21	1
02	050	15		1015.0	SE	24	31	29	24	8
03	UNL	15		1015.8	SE	18	39	35	30	1
04	UNL	15		1011.5	SE	32	38	35	32	3
05	040	15		1009.5	SE	28	34	33	30	9
06	006	10		1006.9	SE	20	32	31	29	10
07	002	01	F	1010.2	NW	08	32	32	31	10
08	004	00	1/2S-F	1008.1	N	20	31	31	31	10
09	002	01	F	1017.9	WNW	10	30	30	28	10
10	010	15		1019.2	ESE	20	38	37	35	9
11	UNL	15		1006.3	ENE	18	40	37	34	3
12	045	15		1008.7	NE	14	42	39	37	8
13	028	15		1013.5	NE	08	42	40	37	9
14	018	15		1020.3	SSW	06	40	38	35	7
15	080	15		1020.6	S	06	38	36	35	8
16	UNL	15		1015.6	SSE	06	45	41	37	5
17	002	00	F	1014.6	SW	08	33	33	33	10
18	010	15		1011.5	NNW	18	33	33	32	10
19	003	02	L-F	1009.8	NW	20	34	34	33	10
20	020	15		1016.3	ENE	09	41	38	36	9
21	025	15		1018.0	NNW	10	40	37	32	7
22	UNL	15		1014.9	S	12	36	35	34	2
23	UNL	15		1006.8	SSE	12	44	41	38	1
24	UNL	15		1004.4	ESE	26	47	43	38	5
25	040	15		1002.6	ESE	36	44	41	38	9
26	UNL	15		1008.4	NE	18	50	45	40	6
27	UNL	15		1009.8	ENE	08	51	45	40	4
28	028	15		1010.2	S	08	45	42	41	9
29	040	15		1015.2	S	06	46	43	39	9
30	090	15		1018.1	S	06	50	46	43	9
AVG				1012.2		15	39	37	34	07

SACHS HARBOUR NWT
JUNE 1963 1300 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1010.3	SE	22	31	28	23	1
02	UNL	15		1013.7	SE	20	34	31	26	5
03	UNL	15		1015.8	SE	20	39	36	31	0
04	UNL	15		1010.7	SE	28	40	37	32	6
05	040	15		1010.0	SE	28	36	35	32	9
06	008	12		1007.3	SE	12	32	31	28	10
07	002	05	F	1010.6	NW	08	33	32	31	10
08	004	00	1/2S-F	1008.1	NNW	14	31	31	31	10
09	003	08		1019.3	WNW	08	30	29	27	10
10	012	15		1013.7	SE	12	40	38	35	9
11	UNL	15		1008.2	ENE	16	43	40	38	3
12	045	15		1009.3	NNE	18	44	41	37	9
13	025	15		1014.8	N	12	43	40	36	9
14	018	04	F	1021.1	SW	10	38	37	35	6
15	080	15		1019.9	SW	04	45	42	39	8
16	090	15		1015.8	SSW	10	38	35	32	9
17	002	00	3/8F	1015.2	SW	08	39	39	32	10
18	012	15		1010.5	N	16	36	35	33	10
19	004	03	F	1011.0	NW	14	35	35	34	10
20	020	15		1016.8	SW	08	41	39	36	9
21	029	15		1017.9	N	04	40	38	35	9
22	UNL	15		1014.0	SSE	14	39	36	33	1
23	UNL	15		1006.3	SE	22	44	40	35	0
24	UNL	15		1004.6	ESE	34	52	47	42	8
25	035	15		1009.2	ESE	30	42	40	39	9
26	UNL	15		1008.7	NE	16	52	46	39	4
27	UNL	15		1009.6	NE	10	53	48	43	6
28	030	15		1011.1	S	06	46	41	36	9
29	040	15		1016.3	SSW	06	45	43	40	9
30	070	15		1017.5	SSW	04	50	46	43	10
AVG				1012.4		14	40	38	34	07

SACHS HARBOUR NWT
JUNE 1963 1600 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1011.0	SE	18	32	30	25	1
02	UNL	15		1016.4	SSE	14	34	31	26	5
03	UNL	15		1014.6	ESE	18	40	37	33	0
04	220	15		1009.9	SE	30	38	36	32	8
05	040	15		1010.3	SE	22	35	34	32	9
06	001	04	F	1007.2	SE	14	32	32	31	10
07	001	01	F	1010.4	NNW	14	33	32	31	10
08	004	00	1/2S-F	1009.0	NNW	18	32	31	31	10
09	003	08		1020.4	SW	04	32	31	28	10
10	010	15		1012.4	ESE	18	39	37	34	9
11	UNL	15		1009.9	ENE	16	42	40	37	3
12	045	15		1009.7	NE	18	43	40	36	9
13	025	15		1015.8	NNE	10	43	41	38	7
14	020	15		1021.4	SSW	06	44	42	39	6
15	080	15		1019.6	SSW	06	43	41	37	8
16	008	15		1015.3	S	06	35	35	33	9
17	001	00	F	1015.4	SW	10	33	33	33	10
18	010	15		1009.1	N	18	36	36	35	10
19	004	05	R-F	1011.4	NNW	18	37	37	37	10
20	020	12	RW-	1016.7	N	18	42	40	38	9
21	028	15		1018.0	SE	02	43	39	34	9
22	UNL	15		1012.7	SSE	14	39	36	32	1
23	UNL	15		1005.4	SSE	20	44	40	36	2
24	UNL	15		1004.9	SE	26	51	46	41	9
25	040	15		1004.2	ESE	24	46	44	41	9
26	UNL	15		1009.1	ENE	18	56	50	45	4
27	UNL	15		1009.1	SSW	06	48	43	38	6
28	030	15		1011.5	S	02	48	44	40	9
29	040	15		1017.1	SW	08	48	45	41	7
30	070	15	R-	1017.2	SW	04	47	44	42	10
AVG				1012.4		14	41	38	35	07

SACHS HARBOUR NWT
JUNE 1963 1900 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1011.7	SE	16	31	29	29	3
02	UNL	15		1016.0	SE	16	34	31	27	2
03	UNL	15		1013.7	ESE	22	38	35	32	0
04	045	15		1009.6	SE	34	36	34	28	9
05	040	15		1009.7	SE	22	33	32	30	9
06	001	00	1/2F	1007.1	SSE	12	31	31	30	10
07	002	02	F	1010.3	NNW	14	33	31	30	10
08	003	01	S-	1009.7	NNW	22	31	30	30	10
09	006	12		1020.3	E	14	33	31	29	10
10	012	15		1011.0	E	18	38	37	34	8
11	UNL	15		1006.4	ENE	12	42	39	37	4
12	045	15		1010.2	NNE	16	42	39	35	8
13	UNL	15		1016.3	NE	16	40	38	37	4
14	UNL	15		1021.3	SSW	02	42	40	37	5
15	080	15		1019.1	SE	10	40	37	34	8
16	040	10		1014.7	SSE	10	35	35	34	9
17	002	02	F	1015.1	WNW	10	33	33	32	10
18	005	12		1007.9	NNW	26	36	36	35	10
19	003	04	R-F	1012.3	NNW	14	39	39	39	10
20	025	15		1017.1	NNW	14	42	41	38	8
21	028	15		1017.4	SW	08	43	39	35	8
22	UNL	15		1011.9	SE	08	38	35	32	1
23	UNL	15		1005.4	SE	16	41	39	36	2
24	UNL	15		1005.1	ESE	32	49	44	38	8
25	040	15		1005.5	SE	14	46	44	41	7
26	UNL	15		1009.7	ENE	16	54	48	44	6
27	UNL	15		1008.4	S	02	49	44	39	4
28	035	15		1011.8	SW	04	47	43	38	9
29	040	15		1017.3	SW	04	46	43	40	8
30	060	12	R-	1016.3	S	02	45	44	41	10
AVG				1012.3		14	40	37	35	07

SACHS HARBOUR NWT
JUNE 1963 2200 PST

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL	15		1012.4	SE	20	28	27	23	4
02	UNL	15		1016.5	SE	12	32	30	27	4
03	UNL	15		1013.7	ESE	28	39	33	29	0
04	090	15		1009.7	SE	22	36	34	31	9
05	220	15		1009.2	SE	30	33	32	30	10
06	000	00	ZL-F	1007.5	SSE	10	31	31	30	10
07	015	10		1010.1	N	14	32	31	31	10
08	003	02	S-	1010.6	WNW	18	30	30	29	10
09	006	15		1019.7	ESE	14	34	32	29	9
10	UNL	15		1009.8	E	14	37	35	33	2
11	UNL	15		1006.9	NE	10	38	33	33	7
12	UNL	15		1011.1	NE	10	40	37	34	5
13	015	15		1017.3	NE	14	39	38	36	8
14	UNL	15		1021.5	SE	12	40	38	35	7
15	090	15		1018.2	ENE	06	40	38	35	8
16	000	00	F	1014.5	SE	10	34	34	33	10
17	002	00	1/8F	1014.9	NW	08	32	31	31	10
18	005	06	F	1007.6	NNW	30	32	32	31	10
19	003	08	R-	1013.8	N	12	36	36	36	10
20	UNL	15		1017.2	N	14	42	41	39	2
21	UNL	15		1017.1	SW	06	41	38	35	5
22	UNL	15		1010.3	SE	18	38	32	32	2
23	UNL	15		1004.9	ESE	22	40	37	33	0
24	250	15		1005.1	ESE	34	47	42	35	8
25	UNL	15		1006.5	ESE	12	47	44	41	5
26	UNL	15		1010.0	ESE	12	52	45	40	3
27	UNL	15		1008.7	S	04	43	40	36	2
28	050	15		1012.6	SW	08	47	43	38	9
29	250	15		1017.8	SSW	04	43	42	41	8
30	060	12	R-	1015.4	E	08	45	43	41	10
AVG				1012.3		14	38	36	34	07

ALERT, N.W.T.
JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1017	-26	6	47	180	02	0188	-24	6	48	240	02	0550	-25	1	53	360	02	0954	-26	1	55	313	02
02	1021	-31	7	73	270	05	0213	-27	7	69	280	04	0590	-28	2	75	317	03	0970	-28	7	80	346	01
03	1032	-33	8	43	270	03	0290	-29	6	53	284	01	0650	-29	3	64	300	01	1042	-29	9	69	277	02
04	1017	-28	3	59	220	05	0188	-24	5	53	223	06	0650	-25	9	55	218	08	0951	-27	1	56	194	09
05	0996	-28	9	63	045	03	0034						0600	-28	5	63	354	05	0793	-24	4	72	339	04
06	1021	-33	2	54	320	08	0213	-31	4	53	325	03	0570	-33	0	62	266	03	0955	-33	2	54	245	08
07	1017	-35	3	37	270	03	0184	-31	5	36	256	02	0540	-31	0	41	220	02	0932	-30	4	45	216	03
08	1016	-36	6	45	270	05	0179	-32	4	46	290	04	0540	-29	2	44	317	02	0931	-26	7	38	185	03
09	1018	-35	6	48	000	00	0192	-33	3	47	000	00	0550	-26	9	43	094	04	0950	-23	3	53	171	04
10	1014	-34	2	51	270	03	0161	-34	4	52	280	03	0520	-27	9	63	183	03	0919	-19	8	76	148	07
11	1015	-34	3	72	000	00	0170	-35	0	71	-		0540	-25	8	74	-		0926	-24	0	78	-	
12	1016	-38	2		270	02	0173	-37	0		282	02	0540	-28	1	72	331	05	0925	-26	4	75	354	08
13	1016	-36	6	45	000	00	0176	-34	7	49	000	00	0530	-29	2	63	074	06	0929	-23	2	71	101	11
14	1009	-34	8	50	320	05	0125	-35	4	52	330	06	0490	-28	6	63	344	07	0882	-09	8	88	071	04
15	1001	-31	4	66	225	03	0073	-30	7	65	-		0440	-22	3	66	-		0841	-21	3	68	-	
16	0987	-31	8	50	000	00	-027						0340	-33	3	51	329	05	0715	-30	9	60	296	05
17	0998	-32	8	59	000	00	0048						0420	-31	6	62	-		0801	-25	2	69	-	
18	1014	-34	3	72	000	00	0163	-33	4	71	000	00	0530	-30	2	70	206	02	0913	-26	8	69	238	09
19	1017	-33	3	45	270	04	0184	-33	2	48	283	04	0540	-31	0	59	011	03	0934	-26	0	67	150	03
20	1025	-37	1	44	000	00	0237	-34	0	52	000	00	0600	-30	0	64	196	05	0986	-28	2	72	196	04
21	1035	-41	2		270	04	0304	-33	2	54	000	00	0670	-29	6	63	302	01	1054	-28	9	63	360	02
22	1033	-38	7		000	00	0294	-33	7	39	000	00	0660	-30	8	61	001	08	1040	-30	1	73	019	10
23	1015	-34	3	61	315	05	0170	-31	3	61	312	04	0530	-25	5	56	230	01	0933	-22	8	48	174	01
24	1006	-31	1	59	270	03	0107	-31	4	60	275	03	0470	-32	1	65	345	06	0853	-30	9	72	002	11
25	1008	-31	8	58	270	04	0123	-31	3	57	276	03	0480	-30	9	62	341	04	0871	-28	9	68	351	07
26	1002	-36	5	70	270	03	0078	-35	9	68	272	03	0430	-32	3	66	343	06	0825	-27	8	74	009	09
27	0997	-32	3	65	000	00	0048						0410	-28	4	66	314	02	0797	-28	2	71	326	04
28	1004	-40	3		090	03	0094	-39	8		-		0450	-32	3	62	-		0836	-26	9	68	-	
29	0997	-19	8	79	200	18	0042						0420	-20	8	76	226	20	0821	-23	0	72	231	20
30	1009	-23	9	63	240	15	0134	-22	6	63	240	15	0510	-24	5	60	247	15	0902	-26	8	95	236	11
31	0996	-25	9	58	220	08	0039						0410	-25	7	61	-		0805	-18	3	62	-	
MN	1012	-33	1	57	*		148	-32	1	55	*		512	-28	6	61	*		903	-25	9	66	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1366	-27	7	51	217	04	1801	-29	4	46	246	08	2270	-31	5	44	256	10	2745	-33	8	43	255	13
02	1379	-29	0	77	269	01	1812	-30	3	79	257	03	2270	-32	4	70	256	05	2754	-34	6	68	252	09
03	1449	-31	0	71	282	03	1878	-32	4	71	290	03	2340	-33	9	71	308	02	2814	-36	8	70	311	05
04	1364	-25	8	49	180	08	1804	-27	0	35	189	06	2270	-29	4	A19	213	05	2757	-32	2	A20	234	07
05	1210	-23	6	75	312	04	1654	-25	3	76	271	05	2120	-27	9	76	270	07	2613	-31	0	76	253	10
06	1355	-35	5	52	249	11	1776	-37	9	50	244	10	2220	-38	8	51	251	08	2694	-39	0		260	07
07	1338	-31	4	46	200	02	1766	-32	6	46	235	02	2230	-33	7	46	283	04	2702	-35	6	46	284	06
08	1343	-26	9	33	203	05	1781	-27	8	32	240	05	2240	-29	9	40	244	07	2733	-32	2	49	244	07
09	1368	-23	4	57	216	04	1813	-23	5	47	241	06	2290	-25	7	32	248	08	2780	-28	0	54	257	11
10	1346	-17	4	87	197	12	1800	-18	4	68	217	13	2280	-21	5	87	226	14	2785	-25	2	84	226	15
11	1343	-23	6	78	-		1786	-25	0	77	210	05	2260	-26	6	76	222	04	2750	-28	8	76	211	04
12	1337	-27	0	76	316	08	1775	-27	5	77	268	06	2250	-28	4	75	262	09	2732	-30	6	70	265	11
13	1352	-19	7	75	130	08	1805	-17	9	82	218	09	2290	-19	3	82	225	15	2798	-20	8	81	240	16
14	1325	-07	9	87	229	09	1797	-08	8	71	224	09	2290	-12	0	68	211	10	2819	-15	2	62	209	16
15	1262	-22	7	60	-		1707	-22	8	47	-		2200	-21	6	A18	-		2689	-24	0	A18	-	
16	1125	-27	0	68	304	11	1564	-26	5	69	245	07	2030	-26	5	71	239	16	2529	-26	1	68	240	29
17	1219	-24	0	74	-		1661	-26	8	68	-		2130	-30	0	52	-		2612	-33	3	38	-	
18	1325	-27	9	65	234	09	1759	-30	6	64	235	07	2210	-33	7	64	238	06	2696	-37	0	64	232	07
19	1346	-28	0	69	186	03	1781	-30	1	72	176	04	2240	-33	8	73	186	06	2717	-37	7	75	191	07
20	1395	-29	0	74	196	04	1829	-29	8	59	204	05	2290	-30	4	43	195	03	2776	-31	6	37	201	05
21	1462	-29	4	60	100	03	1896	-29	9	57	131	02	2350	-31	2	48	115	01	2842	-32	5	39	347	01
22	1449	-27	3	66	048	09	1887	-27	0	39	059	07	2360	-28	4	29	061	06	2845	-30	5	A20	068	05
23	1351	-23	3	54	300	03	1795	-23	9	62	299	05	2270	-24	5	68	328	08	2767	-26	2	64	331	05
24	1261	-30	0	75	017	12	1699	-21	7	82	026	10	2190	-22	0	83	022	07	2679	-25	7	83	019	07
25	1282	-27	5	73	011	07	1719	-28	6	79	032	08	2200	-26	6	70	037	10	2679	-28	7	57	031	11
26	1237	-27	0	78	031	09	1676	-27	0	81	050	10	2140	-27	9	80	055	09	2635	-29	0	78	056	08
27	1206	-28	9	73	322	05	1640	-29	5	76	320	04	2100	-29	8	80	012	02	2593	-30	3	80	025	02
28	1249	-26	5	66	-		1688	-25	8	57	-		2170	-28	3	61	245	11	2646	-31	1	65	233	12
29	1238	-25	7	69	239	18	1676	-27	5	66	236	17	2150	-31	0	65	230	17	2625	-31	9	64	234	24
30	1314	-27	0	49	238	12	1752	-28	0	45	240	14	2220	-29	5	41	230	13	2704	-31	3	37	222	10
31	1240	-08	7	64	-		1713	-09	3	69	171	15	2210	-12	3	76	176	20	2734	-15	8	79	180	24
MN	1317	-25	5	66	252	03	1758	-26	1	63	*		2228	-27	7	60	*		2718	-29	9	59	237	07

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1019	-29	3	62	270	04	0200	-25	4	68	305	03	0570	-25	3	76	035	01	0964	-26	9	78	140	02
02	1027	-30	3	53	270	04	0254	-28	1	56	315	03	0620	-28	6	68	029	04	1008	-29	4	76	055	03
03	1026	-32	7	64	000	00	0248	-29	1	63	000	00	0620	-27	9	66	221	03	1005	-27	9	67	158	04
04	1006	-31	4	66	000	00	0108	-29	8	66	000	00	0490	-22	4	61	156	04	0880	-22	8	96	167	05
05	1012	-30	7	74	000	00	0151	-31	4	68	000	00	0510	-29	7	66	283	05	0901	-30	2	70	306	05
06	1020	-33	5	45	000	00	0208	-30	1	49	000	00	0580	-31	6	49	244	05	0955	-31	4	50	234	03
07	1016	-35	0	39	000	00	0174	-33	0	43	000	00	0540	-29	8	47	129	03	0924	-28	9	44	168	02
08	1021	-35	1	39	000	00	0214	-30	9	41	000	00	0580	-28	0	36	169	02	0970	-25	9	32	164	03
09	1017	-35	6	71	320	05	0185	-34	8	68	360	03	0560	-26	1	72	028	02	0944	-23	7	76	328	01
10	1010	-33	6	72	360	10	0138	-32	9	67	330	07	0500	-33	2	69	258	11	0890	-23	6	75	245	16
11	1014	-36	9	70	000	00	0160	-35	1		000	00	0520	-25	2	71	170	02	0916	-25	4	77	212	02
12	1022	-38	9		000	00	0214	-34	7	56	000	00	0590	-28	7	65	017	04	0969	-25	4	70	062	04
13	1011	-31	8	66	000	00	0142	-32	1	66	000	00	0520	-28	8	70	295	02	0905	-16	5	83	260	04
14	1000	-26	1	97	225	13	0066	-26	1	97	225	13	0440	-23	6	91	233	30	0837	-20	8	84	233	55
15	0982	-29	1	82	000	00	-064						0310	-28	9	78	-		0694	-23	6	79	-	
16	0993	-33	1	63	270	05	0016						0390	-31	1	59	253	04	0762	-31	8	64	228	03
17	1005	-35	7	60	270	05	0103	-33	4	59	273	05	0470	-32	1	68	260	02	0850	-27	7	72	225	08
18	1017	-37	2	70	000	00	0185	-35	1	67	000	00	0560	-25	9	62	230	06	0945	-27	1	51	216	09
19	1022	-36	6	58	000	00	0216	-33	1	57	000	00	0580	-30	6	63	223	02	0964	-28	6	70	183	03
20	1032	-39	3		000	00	0284	-33	7	54	000	00	0650	-29	8	63	241	03	1034	-28	5	64	200	03
21	1038	-38	5		270	03	0325	-32	8	57	317	03	0690	-31	0	64	013	05	1072	-29	5	68	031	05
22	1027	-34	4	61	000	00	0253	-27	9	62	000	00	0635	-27	0	68	324	02	1013	-26	3	56	339	04
23	1008	-28	9	63	000	00	0121	-28	0	62	000	00	0490	-29	5	68	330	03	0877	-25	9	70	350	05
24	1005	-31	8	66	000	00	0099	-31	6	66	000	00	0470	-31	1	66	347	05	0845	-31	6	73	355	07
25	1011	-36	7	45	000	00	0143	-35	0	48	000	00	0510	-27	6	58	273	03	0898	-25	0	68	305	04
26	0992	-33	1	72	320	05	0011						0380	-32	0	70	339	13	0756	-29	9	72	354	16
27	1005	-38	3		000	00	0103	-37	2		000	00	0470	-30	5	73	295	01	0850	-29	2	74	000	00
28	0997	-24	5	62	225	15	0047						0420	-25	8		255	16	0814	-23	0	72	249	25
29	1007	-21	3	72	240	15	0116	-21	0	71	239	16	0490	-22	4	63	232	20	0890	-24	4	56	235	15
30	1012	-31	6	73	270	05	0151	-24	1	63	325	04	0530	-22	7	56	097	03	0923	-23	7	40	145	03
31	0994	-14	9	65	200	34	0022						0400	-16	4	59	248	14	0816	-19	4	51	248	38
MN	1012	-32	4	64	*		148	-31	0	61	*		519	-27	8	65	*		906	-26	1	66	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1374	-28	9	77	184	02	1811	-28	4	64	240	03	2270	-30	7	52	262	07	2759	-33	2	40	255	10
02	1415	-30	4	77	043	02	1846	-31	6	78	350	02	2300	-33	2	79	307	03	2783	-36	2	78	287	04
03	1414	-28	9	63	190	02	1848	-30	0	60	210	02	2300	-32	1	53	000	00	2790	-34	4	46	299	02
04	1298	-23	7	62	188	08	1742	-24	6	69	186	07	2220	-26	4	71	184	08	2707	-28	3	71	216	09
05	1307	-31	9	71	302	04	1734	-34	7	72	262	06	2190	-34	9	70	259	10	2663	-37	2	70	269	09
06	1359	-33	0	51	218	01	1784	-34	7	53	264	03	2240	-36	6	55	261	06	2709	-38	6	57	288	05
07	1932	-29	4	42	227	03	1765	-30	1	40	248	04	2230	-31	8	38	254	05	2708	-33	8	36	264	07
08	1384	-25	3	30	239	03	1825	-26	5	A19	255	05	2290	-28	2	A19	255	07	2782	-30	4	A20	260	09
09	1362	-22	9	79	233	04	1808	-22	0	83	244	09	2280	-24	4	83	256	12	2782	-26	7	84	263	15
10	1307	-23	6	79	261	15	1752	-21	8	82	266	11	2230	-24	1	81	295	06	2726	-26	8	79	348	08
11	1332	-24	7	73	262	05	1774	-25	6	64	249	09	2230	-26	5	55	241	14	2738	-29	4	48	298	18
12	1384	-24	0	66	085	03	1828	-23	6	59	140	02	2300	-25	6	47	198	04	2796	-27	6	34	217	08
13	1341	-10	7	89	239	14	1808	-11	7	88	245	23	2300	-12	8	87	252	31	2827	-14	7	86	249	43
14	1264	-16	4	78	-		1719	-17	7	72	-		2210	-18	2	67	-		2712	-22	7	66	-	
15	1112	-23	7	80	034	18	1555	-24	6	80	051	14	2020	-25	5	80	107	10	2525	-23	3	79	184	10
16	1171	-27	3	68	218	08	1608	-26	9	73	232	20	2080	-27	1	77	237	32	2569	-29	6	76	244	33
17	1262	-27	0	73	220	10	1697	-30	0	72	218	10	2160	-33	0	70	225	10	2636	-36	4	68	226	09
18	1356	-28	7	42	215	08	1789	-29	9	41	230	10	2250	-32	4	43	235	14	2731	-35	5	47	235	10
19	1372	-30	0	76	187	04	1803	-31	1	71	193	04	2260	-31	7	54	205	04	2748	-32	2	36	207	07
20	1443	-28	9	59	171	02	1877	-29	3	54	179	03	2340	-30	6	48	182	05	2824	-32	4	44	190	03
21	1480	-29	1	60	041	05	1915	-28	6	52	067	05	2390	-30	0	42	083	04	2865	-32	1	32	071	05
22	1427	-26	5	43	319	03	1866	-26	6	A19	317	03	2330	-27	0	A19	342	03	2827	-29	3	A19	006	01
23	1291	-26	7	76	350	07	1735	-21	7	80	020	08	2220	-21	7	85	025	06	2716	-25	2	85	038	06
24	1250	-30	0	78	012	08	1687	-24	5	77	034	08	2160	-24	5	73	049	09	2657	-27	0	76	046	09
25	1312	-25	6	77	316	06	1753	-25	8	70	353	04	2230	-27	2	61	358	04	2715	-28	7	53	355	05
26	1162	-29	9	76	014	18	1595	-28	5	77	030	18	2060	-28	7	77	031	23	2551	-28	9	76	044	17
27	1258	-28	4	74	000	00	1694	-27	6	76	218	01	2170	-29	6	76	226	04	2647	-31	8	75	242	06
28	1230	-25	0	72	239	20	1669	-27	3	72	229	16	2140	-29	5	72	234	16	2622	-31	9	72	242	17
29	1304	-26	6	44	243	10	1740	-30	1	49	264	08	2200	-34	0	55	255	11	2678	-34	8	55	241	13
30	1342	-23	4	32	138	08	1786	-24	3	A18	147	09	2260	-24	4	A18	165	09	2758	-25	8	A19	213	17
31	1246	-15	8	40	254	29	1701	-18	9	44	256	09	2190	-22	6	52	254	08	2680	-26	6	61	250	09
MN	1319	-26	0	65	255	03	1759	-26	4	62	*		2227	-27	9	60	*		2717	-30	0	58	246	07

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ALERT, N.W.T.
JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3813	-39	1	41	254	22	5044	-45	6		254	28	6503	-55	9		248	30	8295	-61	8		252	26
02	3818	-40	7		254	10	5041	-47	7		249	14	6488	-56	4		250	17	8287	-61	7		251	14
03	3866	-43	3		318	04	5074	-50	3		323	07	6510	-55	9		304	11	8315	-61	9		309	10
04	3830	-38	5	A22	252	10	5063	-46	0		257	14	6522	-54	2		254	17	8327	-62	2		261	28
05	3686	-38	9	76	219	11	4913	-46	8		202	13	6372	-53	3		184	22	8181	-61	4		193	24
06	3741	-44	4		244	08	4963	-51	9		238	06	6365	-58	7		302	03	8158	-62	2		292	09
07	3761	-41	3		289	08	4981	-47	6		286	12	6423	-57	5		281	17	8201	-65	8		281	15
08	3810	-38	3	62	250	11	5043	-46	2		251	12	6497	-55	6		254	14	8289	-63	5		260	24
09	3874	-33	4	63	259	18	5137	-39	9	63	259	27	6623	-51	6		261	40	8439	-63	7		267	43
10	3887	-33	4	77	236	15	5143	-42	7		236	16	6620	-52	1		245	14	8428	-64	3		232	21
11	3834	-37	0	72	155	07	5070	-45	6		169	07	6529	-54	3		239	17	8337	-62	7		244	20
12	3813	-37	3	66	256	13	5055	-43	8		262	23	6532	-51	0		255	35	8373	-58	4		255	95
13	3926	-26	8	80	251	29	5218	-34	9	78	248	50	6743	-45	4		256	78	8613	-57	0			
14	3977	-20	3	A17	223	18	5302	-30	5	A20	210	22	6853	-41	4		235	29	8746	-96	3		246	45
15	3800	-29	2	36	216	31	5089	-34	7	43	219	57	6615	-45	0		221	96	8480	-98	8			
16	3636	-31	0	47	240	34	4909	-38	8	A22	235	42	6410	-48	7		225	45	8255	-59	4		206	43
17	3679	-40	1		200	18	4901	-47	9		184	09	6342	-57	4		121	08	8167	-59	9		077	08
18	3749	-42	2		231	10	4964	-49	4		242	09	6394	-58	9		234	11	8186	-62	2		201	06
19	3778	-39	3	62	216	10	5007	-46	4		214	17	6461	-56	6		215	18	8249	-64	2		220	16
20	3857	-36	8	A22	216	06	5101	-44	1		214	08	6559	-57	0		180	09	8338	-65	1		160	07
21	3920	-37	7	A22	283	02	5154	-46	2		118	03	6596	-59	1		125	09	8372	-64	9		127	05
22	3929	-35	9	A21	057	04	5174	-44	7		034	03	6634	-59	9		051	08	8451	-61	5		066	11
23	3874	-30	9	55	028	02	5146	-39	1	56	024	03	6644	-49	4		041	06	8479	-62	9		061	06
24	3781	-30	5	78	031	12	5058	-38	0	41	016	09	6561	-48	4		353	07	8406	-59	2		005	04
25	3773	-34	4	39	032	15	5026	-42	3		037	14	6505	-52	1		028	18	8329	-60	0		029	11
26	3727	-34	2	74	053	07	4982	-42	0		051	04	6461	-52	1		061	06	8286	-60	1		180	03
27	3679	-35	8	77	027	01	4932	-42	0		201	05	6418	-50	2		278	06	8262	-58	0		317	13
28	3728	-36	2	49	252	15	4976	-43	1		250	11	6449	-52	0		238	16	8281	-59	3		249	16
29	3703	-38	1	64	241	20	4935	-46	2		217	19	6391	-54	8		218	24	8225	-59	0		253	15
30	3784	-36	5	39	246	07	5034	-41	0		211	14	6526	-49	3		231	19	8373	-58	5		224	27
31	3876	-24	8	63	205	33	5174	-35	6	54	203	36	6683	-49	3		200	34	8525	-58	5		205	26
MN	3804	-35	7	53	•		5051	-43	3	47	233	13	6524	-52	8	•	234	16	8343	-61	1	•	239	15

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3829	-39	0	49	260	20	5059	-46	6		258	19	6509	-56	0		260	32	8302	-61	8		257	17
02	3838	-42	5		308	04	5052	-48	7		285	11	6496	-55	9		280	14	8302	-62	0		286	11
03	3855	-39	8	42	300	06	5080	-47	6		308	09	6524	-57	0		301	13	8315	-62	3		288	12
04	3802	-32	7	72	221	16	5071	-38	7	69	237	27	6571	-49	4		242	35	8393	-64	6		237	49
05	3715	-43	9		206	05	4915	-51	8		242	04	6342	-58	0		225	06	8129	-62	2		219	06
06	3757	-43	8		303	07	4964	-50	3		300	06	6394	-58	3		298	06	8178	-63	1		286	06
07	3777	-39	5	A22	257	09	5004	-47	4		268	16	6448	-57	0		264	26	8225	-66	4		262	20
08	3864	-36	6	A22	268	15	5108	-44	1		268	27	6573	-53	9		271	49	8369	-66	0		276	62
09	3882	-33	2	80	264	21	5137	-42	3		260	25	6615	-51	8		253	30	8432	-63	3		244	27
10	3821	-34	9	74	016	11	5067	-44	9		030	07	6527	-54	1		033	08	8338	-61	4		239	14
11	3824	-35	6	37	242	27	5071	-44	0		243	33	6541	-52	8		245	41	8366	-60	0		247	69
12	3899	-31	7	A20	251	15	5167	-39	2	A22	246	39	6670	-47	3		257	134	8525	-58	9			
13	3976	-22	6	81	254	46	5288	-32	3	74	254	74	6826	-43	4				8695	-59	9			
14	3848	-21	7	70	-		5163	-31	9	63	149	25	6702	-43	1		164	34	8581	-55	7		177	75
15	3646	-27	9	78	184	15	4934	-36	3	73	184	20	6448	-46	2		175	23	8326	-54	2		184	98
16	3655	-35	3	73	244	22	4908	-41	9		221	14	6391	-50	5		209	04	8229	-59	5		127	11
17	3689	-42	5		232	09	4905	-48	3		228	08	6351	-55	3		227	08	8168	-59	9		000	00
18	3787	-42	2		230	18	5001	-49	4		223	18	6436	-58	0		230	15	8229	-62	0		229	15
19	3826	-37	4	32	201	06	5065	-45	0		205	09	6525	-54	5		214	13	8320	-64	9		212	17
20	3902	-36	4	92	216	04	5143	-45	8		185	03	6588	-58	0		127	07	8362	-64	7		135	06
21	3942	-37	0	A22	059	03	5184	-45	2		079	07	6633	-57	8		113	05	8414	-64	0			
22	3917	-34	6	31	053	06	5172	-41	8		065	11	6652	-51	4		061	16	8466	-63	6		065	14
23	3819	-30	5	77	019	07	5093	-38	4	72	045	05	6595	-48	4		059	04	8437	-60	1		043	02
24	3757	-32	0	61	042	07	5024	-40	1		045	08	6522	-47	6		036	10	8374	-58	5		044	08
25	3806	-34	3	66	004	07	5062	-42	2		026	09	6534	-53	0		026	11	8342	-62	2		013	08
26	3646	-33	4	71	052	10	4904	-41	4		040	09	6394	-49	0		134	05	8243	-57	1		202	07
27	3725	-36	9	53	259	09	4969	-43	5		281	07	6442	-52	1		280	04	8269	-58	4		208	09
28	3698	-37	5	69	241	19	4943	-43	4		232	17	6413	-53	1		229	22	8237	-58	5		234	24
29	3743	-39	7	57	221	17	4989	-41	9		236	18	6467	-52	4		230	21	8289	-58	4		232	33
30	3865	-32	0	41	224	21	5134	-40	5		225	24	6613	-52	6		230	31	8453	-58	9		223	23
31	3771	-36	0	79	238	24	5025	-42	0		230	25	6512	-46	1		231	26	8404	-51	8		218	20
MN	3803	-35	6	54	•		5052	-43	1	62	241	12	6524	-52	4	•	250	15	8346	-60	8	•	231	15

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10816	-62	0		243	24	12578	-66	1		238	13	15013	-71	3		233	09	17095	-75	6		230	11
02	10802	-62	4		254	10	12570	-64	9		250	07	15005	-71	8		251	08	17084	-76	0		237	08
03	10822	-63	2		282	08	12575	-67	1		298	07	14995	-71	4		263	03	17075	-76	7			
04	10818	-64	9		264	14	12561	-67	9		264	12	14975	-72	0		275	08	17054	-76	8		280	05
05	10686	-62	3		199	17	12446	-66	4		225	10	14867	-72	6		263	07						
06	10664	-63	6		281	06	12419	-66	8		275	07	14845											
07	10675	-63	9		262	11	12426	-67	1		265	10	14850											
08	10771	-64	8		265	24	12520	-67	5		259	17	14923	-73	9		258	17						
09	10852	-71	7		265	40	12555																	
10	10857	-69	4		242	17	12572	-71	1		251	25	14941	-76	4		254	23						
11	10810	-66	1		240	40	12549	-68	2		255	34	14948	-73	7		263	28	17009	-78	0		259	26
12	10874	-65	6				12609	-69	2				15002	-74	1				17062	-77	5			
13	11073	-73	9				12756	-74	1				15098	-77	7									
14	11213	-73	1		265	54	12861	-75	2		245	79	15197	-76	0		264	39	17229	-80	9		255	28
15	10958	-66	1				12699	-67	4				15101	-74	3									
16	10794	-60	3		194	31	12563	-65	6		192	29	14998	-70	6		204	33	17077	-77	8		199	37
17	10701	-60	2		094	10	12488	-63	1		099	06	14944	-68	6		121	11						
18	10695	-62	9		131	01	12459	-65	0		129	01	14902	-70	9		052	05	16989	-76	0			
19	10733	-64	1		220	10	12485	-67	2		216	07	14898	-72	6		211	04						
20	10814	-64	2		186	06	12564	-66	9		192	08	14988	-71	7		204	08	17070	-76	1		194	05
21	10845	-64	7		152	02	12590	-67	8		170	05	15006	-72	1		172	07						
22	10930	-65	8		060	06	12672	-67	4		000	00	15083	-72	3		177	02	17168	-74	9		199	03
23	10933	-66	1		287	05	12670	-67	8		284	08	15088	-71	7		267	07	17179	-74	2			
24	10923	-62	5		306	04	12687	-65	7		278	04	15137	-67	9		269	06	17264	-71	2		277	07
25	10843	-62	2		356	06	12615	-64	1		308	04	15078	-67	1		286	03	17218	-69	3		267	06
26	10815	-59	6		221	04	12598	-63	7		210	05	15062	-65	8		206	04						
27	10795	-60	5		220	04	12581	-62	1		193	05	15068	-64	5		229	03	17227	-65	9			
28	10825	-58	8		257	06	12621	-61	4		255	06	15115	-64	1		258	07	17288	-64	7		249	06
29	10781	-58	1		230	15	12583	-60	6		254	06												
30	10912	-56	6		229	19	12718	-61	7		240	17	15225	-63	6									
31	11054	-59	5		214	29	12839	-61	9		216	25	15348	-64	5									
MN	10841	-63	8		244	12	12594	-66	4	•	234	11	15024	-70	9	•	247	09	17131	-74	5	•		

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10828	-61	4		246	10	12603	-64	0		247	16	15045	-70	4		252	09	17138	-75	0			
02	10825	-61	5		292	08	12594	-65	2		277	08	15027	-70	7		265	03	17119	-75	7		265	04
03	10817	-63	5		272	07	12574	-66	5		290	06	14997	-71	4		290	05	17081	-75	9		288	05
04	10837	-65	9		258	29	12579	-67	4		236	11	14995	-72	3		236	13	17068	-77	0		000	00
05	10632	-63	9		223	04	12384	-66	7		275	04	14811	-71	7		275	06						
06	10673	-63	6		270	09	12434	-65	8		271	08	14860	-72	0		261	05						
07	10693	-65	0		262	15	12436	-68	0		268	11	14846	-73	0		263	07						
08	10814	-68	5		271	40	12530	-70	6		271	27	14911											
09	10862	-70	6		250	29	12577	-70	6		250	23	14954	-75	5		250	04						
10	10826	-69	9		247	26	12560	-69	0		248	24	14965	-72	2		253	24						
11	10872	-64	4		252	84	12618	-67	6		255	53	15041											
12	10994	-67	9				12716	-70	5				15093	-75	4									
13	11132	-72	5				12828	-73	0				15189	-75	9									
14	11069	-73	1				12742	-73	1				15121	-74	1									
15	10880	-61	9		192	50	12651	-65	0		201	39	15083	-72	0		209	36	17154	-76	6		210	28
16	10759	-60	7		126	15	12533	-63	6		155	22	15002	-69	4		141	18						
17	10703	-60	7		120	05	12482	-64	0		132	08	14931	-70	4		103	05	17018	-75	5		102	07
18	10733	-62	9		230	10	12498	-64	8		000	00	14939	-70	9		227	03						
19	10792	-64	2		197	11	12541	-67	0		205	07	14965	-71	6		205	06						
20	10845	-64	2		157	05	12602	-65	6		167	08	15033	-71	2		177	06	17117	-76	2		179	06
21	10891	-65	4				12629	-68	3				15038	-72	6									
22	10921	-65	8		000	00	12656	-68	3		271	04	15056	-73	4		272	06						
23	10947	-62	7		281	07	12717	-64	7		261	07	15163	-70	0		267	07	17273	-72	3		245	06
24	10902	-62	4		033	03	12670	-64	4		349	02	15136	-67	0		283	01	17279	-69	3		262	03
25	10851	-61	6		310	04	12629	-63	5		170	02	15091	-67	8		305	02	17229	-69	4		295	09
26	10790	-59	9		205	08	12576	-62	7		225	06	15063	-64	5		200	07	17227	-67	6		216	06
27	10797	-61	1		224	02	12576	-63	0		236	04	15058	-65	6		237	02	17218	-66	8		240	04
28	10798	-58	0		255	05	12595	-60	4		271	08	15104	-63	4		260	07	17292	-62	9		269	10
29	10818	-58	4		239	15	12610	-61	6		223	07	15094	-65	7		258	08						
30	10992	-60	6		216	38	12781	-63	3		225	27	15292	-62	5		222	12	17505	-60	2		227	28
31	11013	-53	7		224	26	12863	-54	2		219	27	15421	-56	0		207	16						
MN	10849	-63	6		231	14	12606	-65	9	•	231	11	15043	-70	0	•	231	07	17194	-71	5	•		

A — Statistical Value for Relative Humidity

• — Vector Mean Wind

– — Entered under Wind Direction Indicates a Stratum of Missing Wind Data

ALERT, N.W.T.
JANUARY 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19023	-79 5		239	06															
02	19010																			
03																				
04	18965	-80 7		351	03															
05																				
06																				
07																				
08																				
09																				
10																				
11																				
12	18973																			
13																				
14	19105	-84 3																		
15																				
16	18976	-82 0		206	30															
17																				
18																				
19																				
20	18999	-78 2		206	12															
21																				
22	19110	-77 2		215	06	22060	-76 3		193	10										
23																				
24																				
25	19223	-67 9		290	06	22360	-58 7		266	12										
26																				
27																				
28	19362	-61 0		265	12	22599	-47 4				25369	-32 1								
29																				
30																				
31																				
MN	19075	-76 4		*		22340	-60 8		*		25369	-32 1		*					*	

00 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Code	Tropopause (1) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Tropopause (2) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Max. Wind Level Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	7 09	0					1	07 94	318	-63 9	291	0					9	06 14	423	245	35
02	00900	02	2 05	0					1	07 93	317	-62 4	293	0					8	06 28	419	250	18
03	00900	02	8 01	0					1	08 55	289	-62 5	301	0					8	06 54	397	303	11
04	00900	02	7 35	0					1	08 97	270	-63 8	304	0					9	07 83	325	257	30
05	865--	71	2 18	0					1	09 71	234	-63 1	318	0					8	07 65	326	187	28
06	00901	02	2 20	0					1	07 94	310	-62 3	294	0					7	01 20	870	237	11
07	00900	02	3 09	0					1	08 59	284	-66 9	296	0					7	06 66	385	283	17
08	00901	02	4 00	0					2	07 89	321	-65 3	290	0					8	10 20	220	264	29
09	00901	02	7 07	0					1	10 10	227	-73 3	305	0					6	09 74	242	262	65
10	8072-	02	7 23	0					1	10 01	230	-71 3	307	0					8	10 12	226	231	36
11	60710	71	2 02	0					2	09 45	249	-65 6	308	0					8	11 07	191	252	42
12	00900	02	2 19	0					2	09 40	254	-62 6	311	0					8	08 89	276	257	114
13	70810	76	7 20	0					1	11 20	196	-74 4	317	0					4	07 78	341	255	125
14	8072-	02	8 15	0					2	12 05	173	-80 0	319	2	15 88	089	-78 5	388	8	09 90	249	247	91
15	10840	02	7 38	0					2	09 50	254	-65 6	307	1	15 32	096	-75 5	386	1	07 48	351	227	150
16	00900	76	2 18	0					1	08 26	300	-59 4	302	2	17 67	063	-79 9	426	9	05 57	455	292	47
17	00900	02	2 13	0					1	06 58	385	-58 4	283	2	13 11	135	-66 6	366	8	03 42	625	201	20
18	00900	02	2 21	0					1	07 17	354	-61 0	286	0					8	06 28	407	233	11
19	30940	76	2 09	0					1	08 69	279	-65 3	299	0					8	07 00	367	216	21
20	00900	02	3 13	0					2	07 98	319	-64 8	289	0					9	19 00	050	205	12
21	00900	02	2 09	0					2	08 00	318	-64 6	289	0					8	06 63	399	123	09
22	00900	76	7 11	0					2	09 10	269	-64 4	304	0					9	07 75	335	066	13
23	00900	76	7 12	0					1	09 43	256	-67 5	303	0					8	16 00	086	264	09
24	855--	71	7 02	0					2	09 80	240	-62 0	318	0					8	01 41	835	021	12
25	76500	71	2 18	0					1	08 81	276	-61 6	306	0					9	06 58	395	028	18
26	20910	76	7 40	0					1	08 05	312	-60 3	297	0					8	01 77	789	052	10
27	00900	02	2 18	0					1	09 74	237	-60 8	321	0					8	08 17	304	320	14
28	00900	02	8 12	0					1	08 60	285	-60 0	305	0					9	06 97	370	240	19
29	45700	38	2 27	0					1	08 67	278	-61 6	305	1	10 26	218	-60 1	329	7	07 49	338	233	32
30	00900	38	2 12	0					1	08 90	275	-61 0	307	6	13 38	135	-63 8	371	7	08 35	301	224	28
31	65700	02	7 52	0					1	09 20	268	-61 0	308	0					7	10 40	222	202	52
MEAN					~~1,8601 -63 1-00-~~					08 91	277	-64 3	303		14 27	123	-70 7	378					

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01																				
02	19039																			
03	19007																			
04																				
05																				
06																				
07																				
08																				
09																				
10																				
11																				
12																				
13																				
14																				
15	19073	-81 8		217	38															
16																				
17	18948	-78 8		126	04	21824														
18																				
19																				
20	19048																			
21																				
22																				
23	19242	-73 7		278	08															
24	19264	-67 9		247	06	22423														
25																				
26	19274																			
27	19265																			
28	19377																			
29																				
30	19638	-52 4		250	41	23068	-38 8		257	46	25891	-30 2		280	78					
31																				
MN	19200	-70 9		*		22438	-38 8		*		25891	-30 2		*					*	

12 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Code	Tropopause (1) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Tropopause (2) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Max. Wind Level Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	2 09	0					1	07 80	325	-63 0	290	0					8	06 47	402	259	32
02	45700	71	2 19	0					1	08 35	297	-62 3	298	2	14 19	115	-70 3	376	8	06 39	406	282	15
03	00900	02	7 19	0					2	07 36	350	-61 5	286	0					8	06 99	371	303	16
04	857--	02	7 37	0					1	09 69	241	-70 2	304	0					8	07 96	322	297	53
05	863--	71	2 39	0					1	07 39	339	-62 5	287	0					8	02 30	738	261	11
06	15500	02	8 12	0					2	07 04	362	-61 8	283	0					8	11 97	162	278	10
07	00900	02	8 02	0					2	07 90	316	-66 1	288	0					8	06 92	370	264	28
08	00900	02	8 01	0					2	08 40	298	-66 2	293	0					7	07 92	323	272	66
09	00901	02	3 01	0					1	10 63	208	-71 7	315	0					8	09 80	239	244	34
10	80810	02	2 17	0					2	07 74	329	-60 4	293	0					8	09 56	245	238	31
11	00900	02	5 05	0					2	08 06	315	-59 3	297	0					7	10 50	213	251	84
12	00908	03	8 04	0					2	09 90	239	-67 9	309	0					4	07 90	331	298	75
13	855--	71	3 01	0					1	10 61	218	-73 0	308	1	13 40	136	-76 4	348	1	06 07	447	255	90
14	87400	36	5 55	0					2	11 46	187	-76 5	317	0					5	00 99	882	233	79
15	853--	71	6 36	0					1	11 04	195	-62 5	336	6	19 54	046	-84 4	456	9	11 10	193	192	50
16	25500	02	2 23	0					2	08 18	302	-59 5	301	0					8	02 59	699	245	33
17	00900	02	2 26	0					1	08 43	288	-60 4	303	2	15 69	088	-72 8	401	9	03 21	644	224	12
18	40940	02	2 01	0					2	06 80	379	-59 7	282	7	14 06	116	-69 6	377	8	08 97	265	230	21
19	00900	02	2 08	0					1	08 88	272	-67 4	298	0					8	08 27	302	212	17
20	00900	10	2 15	0					1	08 13	311	-64 9	291	0					8	17 89	061	182	09
21	00900	02	8 01	0					2	07 19	366	-61 6	282	0					4	05 37	486	086	07
22	00900	02	7 32	0					1	09 32	260	-67 7	302	0					8	06 65	400	060	16
23	00900	02	7 07	0					2	08 21	310	-59 8	298	0					9	18 96	053	294	12
24	875--	71	2 04	0					1	09 30	258	-61 3	312	2	10 87	201	-62 4	333	9	06 17	422	035	10
25	00900	02	8 05	0					1	08 00	317	-62 3	293	2	14 03	119	-67 0	379	8	07 29	356	021	13
26	875--	71	5 03	0					2	07 70	326	-56 1	299	0					8	02 05	751	032	25
27	00900	02	2 09	0					1	08 03	311	-59 5	298	0					8	08 57	286	215	11
28	65500	38	7 07	0					2	07 39	344	-58 0	293	0					8	08 52	286	236	26
29	855--	02	2 08	0					1	07 84	322	-60 2	294	1	08 71	280	-61 1	305	8	08 17	306	232	34
30	00900	02	7 13	0					1	08 56	294	-59 5	303	1	12 90	147	-63 7	363	9	25 83	020	279	80
31	00900	38	2 64	0					1	05 93	437	-48 2	285	6	14 70	112	-61 1	396	1	16 22	088	226	42
MEAN										08 43	301	-62 9	298		13 81	136	-68 9	373					

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ALERT, N.W.T.
FEBRUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1009	-26	82	010	06	0132	-25	81	347	06	0500	-24	76	246	08	0898	-25	73	235	18
02	1021	-31	90	000	00	0215	-25	57	-		0590	-25	63	-		0980	-24	55	-	
03	1025	-29	75	090	03	0243	-23	78	191	03	0620	-23	67	250	07	1012	-24	53	244	06
04	1023	-14	52	225	15	0242	-14	48	236	20	0635	-14	41	240	24	1041	-15	39	246	19
05																				
06																				
07	1027	-21	78	240	08	0265	-20	78	-		0630	-22	81	-		1038	-23	79	-	
08	1028	-24	59	000	00	0271	-24	55	-		0650	-25	48	-		1042	-19	37	-	
09	1009	-15	80	240	23	0134	-14	78	241	23	0520	-13	69	246	21	0938	-11	72	249	18
10	1017	-23	71			0186	-24	72			0560	-27	74			0949	-27	69		
11	1008	-28	64			0121	-26	63			0500	-22	62			0894	-21	68		
12	1016	-33	53	000	00	0179	-34	52	-		0540	-33	52	-		0915	-34	52	-	
13	1012	-36	47	000	00	0152	-35	48	000	00	0510	-34	56	002	07	0888	-35	65	018	09
14	1017	-37		000	00	0185	-38		000	00	0540	-34	52	350	09	0920	-33	63	002	13
15	1014	-35	71	000	00	0165	-31	66	000	00	0530	-29	65	355	04	0918	-28	67	042	05
16	1009	-36	59	000	00	0128	-35	62	000	00	0490	-31	66	001	07	0871	-27	67	049	09
17	1005	-35	60	000	00	0103	-34	61	000	00	0470	-31	70	307	05	0853	-26	71	317	05
18	1009	-35	61	000	00	0131	-34	61	000	00	0500	-30	63	350	06	0878	-29	72	013	08
19	1018	-39		000	00	0186	-36		000	00	0540	-33	67	315	03	0926	-31	64	001	05
20	1018	-37	57	000	00	0191	-33	51	000	00	0550	-33	62	327	04	0934	-29	57	307	05
21	1026	-35	61	280	05	0247	-34	61	293	03	0610	-33	64	295	05	0988	-31	69	275	07
22	1032	-31	52	000	00	0292	-31	56	-		0660	-31	61	-		1038	-31	66	-	
23	1023	-29	69	270	03	0232	-25		-		0610	-25		-		0996	-27		-	
24	1011	-28	57	270	06	0146	-24	53	296	05	0515	-23	53	346	06	0918	-23	55	012	07
25	0998	-29	88	320	08	0052					0440	-24	78	353	11	0817	-26	74	009	13
26	0998	-32	57	000	00	0051					0430	-32	70	341	06	0794	-29	74	347	11
27	1001	-37	57	270	04	0070	-37	57	270	04	0440	-35	60	337	07	0804	-33	65	357	08
28	1009	-36	58	270	03	0130	-34	50	276	03	0500	-34	56	324	06	0869	-30	69	008	09
MN	1015	-30	63	*		171	-29	61	*		542	-28	63	*		928	-27	64	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1313	-24	67	240	23	1759	-21	53	249	21	2230	-24	46	253	20	2733	-27	38	254	21
02	1397	-23	38	-		1840	-25	41	248	10	2320	-27	43	254	13	2801	-30	44	251	14
03	1429	-24	52	244	09	1872	-25	61	247	11	2320	-27	56	256	11	2833	-30	48	259	11
04	1470	-17	41	247	10	1924	-18	46	245	08	2410	-19	52	246	13	2915	-21	57	253	13
05																				
06																				
07	1460	-20	47	-		1910	-20	A18	-		2390	-21	A18	-		2896	-22	A18	-	
08	1467	-19	A17	-		1920	-18	27	-		2410	-18	63	258	13	2913	-21	72	245	16
09	1375	-13	68	246	16	1836	-15	62	236	17	2320	-15	54	236	20	2841	-19	65	240	16
10	1358	-29	69			1788	-33	68			2250	-33	69			2722	-34	71		
11	1315	-22	70			1760	-23	71			2240	-25	71			2727	-28	72		
12	1312	-35	53	-		1734	-36	53	-		2190	-35	53	-		2663	-36	51	-	
13	1285	-35	72	025	10	1708	-34	75	045	11	2170	-34	76	060	09	2640	-36	74	059	08
14	1320	-34	72	025	12	1746	-32	71	041	11	2210	-33	66	050	13	2683	-34	60	050	14
15	1328	-28	69	074	06	1765	-27	67	087	06	2240	-28	58	090	06	2721	-30	49	092	04
16	1284	-25	49	073	09	1726	-24	37	082	07	2191	-27	A19	095	06	2688	-30	A20	108	04
17	1269	-23	77	246	02	1713	-25	80	200	03	2190	-27	81	172	03	2674	-30	77	183	02
18	1284	-29	76	023	09	1718	-30	68	045	06	2190	-31	62	047	03	2663	-32	94	050	01
19	1330	-30	50	357	05	1761	-30	35	353	04	2240	-31	A20	340	04	2705	-33	A20	326	06
20	1341	-30	53	296	06	1770	-33	58	296	07	2240	-34	65	300	09	2703	-36	64	288	09
21	1392	-31	72	315	15	1820	-32	75	327	18	2280	-32	69	340	20	2760	-33	77	295	22
22	1443	-31	72	-		1872	-32	77	-		2335	-33	79	358	16	2811	-33	80	357	21
23	1407			-		1842	-29	75	-		2290	-31	64	-		2788	-32	56	025	15
24	1334	-23	52	029	07	1778	-24	43	034	09	2260	-26	50	054	12	2743	-28	63	056	08
25	1231	-25	48	040	19	1672	-25	48	040	19	2160	-24	58	056	18	2642	-25	70	065	15
26	1202	-28	80	004	11	1641	-25	82	034	09	2110	-26	68	061	07	2604	-28	73	057	07
27	1209	-29	73	015	10	1645	-28	77	046	07	2110	-28	79	054	05	2603	-30	79	059	07
28	1277	-28	73	024	07	1713	-28	77	034	07	2200	-28	79	044	10	2669	-29	79	052	06
MN	1340	-26	61	*		1778	-27	59	*		2250	-28	57	*		2736	-30	55	341	03

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1020	-31	58	000	00	0208	-29	58	000	00	0590	-24	64	311	02	0971	-26	64	318	03
02	1019	-29	62	000	00	0200	-28	63	000	00	0570	-25	67	230	03	0964	-24	76	237	06
03	1032	-34	62	045	03	0292	-24	70	-		0660	-24	69	-		1063	-21	58	-	
04	1016	-10	52	250	10	0185	-11	52	250	11	0590	-09	53	237	16	0998	-07	54	230	24
05																				
06	1016	-15	81			0187	-16	81			0570	-19	83			0973	-19	88		
07	1030	-26	57	270	04	0280	-24	66	-		0650	-25	73	-		1047	-21	68	-	
08	1026	-26	63	270	03	0251	-24	62	-		0630	-24	64	-		1021	-22	62	-	
09	1005	-19	68	360	03	0103	-19	69	356	02	0480	-21	75	352	01	0879	-22	80	-	
10	1022	-30	55			0222	-26	58			0590	-24	61			0986	-25	65		
11	1008	-28	75	320	12	0124	-29	75	322	12	0490	-29	74	335	13	0873	-30	75	336	13
12	1014	-34	50	270	02	0160	-34	46	291	02	0520	-34	47	344	06	0897	-34	51	359	08
13	1014	-37	57	360	03	0162	-38	60	354	05	0510	-35	57	346	12	0892	-36	70	002	13
14	1016	-35	48	090	02	0179	-34	51	162	03	0530	-32	60	319	06	0923	-29	69	007	11
15	1010	-36	49	000	00	0135	-35	47	000	00	0490	-29	61	043	05	0884	-27	57	071	10
16	1006	-39		270	03	0106	-38		281	04	0470	-32	50	337	07	0846	-27	59	006	07
17	1006	-36	35	000	00	0107	-35	37	000	00	0460	-33	54	337	08	0850	-29	63	354	09
18	1016	-39	5	000	00	0175	-37	33	000	00	0530	-33	51	346	06	0913	-31	63	349	09
19	1014	-37	57	000	00	0162	-35	52	-		0530	-29	47	-		0913	-28	40	-	
20	1022	-34	41	240	03	0219	-34	45	290	02	0570	-33	53	339	02	0959	-32	63	310	04
21	1030	-31	50	270	04	0276	-30	58	303	06	0650	-33	64	326	08	1021	-32	68	320	09
22	1027	-28	57	000	00	0255	-27	59	000	00	0620	-27	64	296	04	1013	-28	69	337	12
23	1018	-29	56	270	04	0196	-24	54	260	04	0570	-24	54	268	04	0963	-25	53	318	07
24	1002	-27	65	270	05	0078	-27	65	275	05	0450	-26	74	019	09	0844	-24	68	053	11
25	0997	-29	43	360	03	0043					0410	-29	57	341	08	0797	-27	67	344	15
26	0999	-35	37	000	00	0060					0410	-35	49	336	07	0795	-31	60	349	10
27	1004	-36	30	270	03	0094	-36	31	271	03	0450	-34	45	355	06	0832	-32	61	004	08
28	1008	-37	44	270	05	0120	-35	41	296	05	0470	-35	58	357	05	0858	-32	61	017	09
MN	1015	-31	54	*		170	-29	56	*		536	-28	61	*		925	-27	64	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1383	-28	64	240	04	1817	-28	59	236	12	2290	-28	41	240	17	2774	-30	35	252	19
02	1381	-23	85	230	06	1825	-25	83	246	07	2290	-27	81	257	07	2786	-30	71	246	07
03	1486	-22	50	-		1932	-24	43	256	13	2400	-26	77	35	258	15	2896	-29	A20	260	10
04	1445	-06	56	241	22	1917	-09	60	256	18	2410	-11	60	257	17	2942	-14	63	257	17
05																				
06	1402	-16	85			1858	-18	83			2340	-20	84			2845	-23	83		
07	1469	-20	51	-		1921	-19	A17	-		2410	-20	A18	244	10	2908	-21	A18	250	13
08	1442	-21	65	-		1890	-21	70	258	09	2360	-23	76	254	22	2869	-24	82	260	19
09	1302	-21	82	-		1749	-22	81	-		2240	-24	80	-		2722	-25	75	-	
10	1400	-26	66			1837	-29	65			2300	-30	69			2785	-31	74		
11	1278	-32	69	346	13	1706	-31	76	346	11	2180	-31	76	346	05	2649	-34	74	295	05
12	1296	-35	55	010	08	1719	-35	59	037	06	2180	-35	64	036	05	2647	-36	67	032	06
13	1289	-36	71	022	13	1712	-34	78	040	13	2180	-34	76	051	13	2645	-35	76	061	14
14	1331	-29	78	023	12	1765	-29	78	035	11	2230	-30	78	055	08	2713	-31	76	059	13
15	1296	-26	51	077	10	1738	-25	44	094	08	2210	-27	59	108	07	2696	-30	33	118	06
16	1258	-26	67	065	04	1700	-24	52	158	02	2180	-26	39	160	02	2665	-29	58	151	02
17	1282	-25	70	016	06	1702	-26	76	028	03	2180	-29	77	049	02	2657	-31	75	326	01
18	1317	-31	67	347	07	1746	-32	72	333	06	2210	-32	68	317	07	2686	-33	54	304	07
19	1321	-29	40	346	05	1754	-30	60	344	05	2230	-31	40	327	05	2698	-33	48	308	06
20	1361	-33	66	304	11	1784	-35	87	315	15	2240	-36	67	325	10	2710	-37	69	326	10
21	1424	-33	71	321	14	1852	-32	72	334	18	2310	-33	68	343	21	2789	-33	68	348	21
22	1421	-29	74	340	13	1884	-29	79	349	15	2300	-30	79	352	16	2802	-32	78	351	20
23	1378	-25	52	354	13	1819	-26	50	021	17	2290	-26	49	032	16	2781	-28	54	032	15
24	1262	-24	69	047	16	1704	-25	58	045	16	2180	-26	94	056	18	2671	-27	51	060	14
25	1209	-25	74	016	13	1650			034	15	2140			053	11	2616	-27	47	068	11
26	1202	-28	69	004	09	1639	-27	73	041	07	2100	-27	74	050	07	2598	-29	74	058	07
27	1237	-30	67	026	07	1671	-28	74	050	08	2150	-28	76	047	08	2627	-29	75	051	07
28	1264	-30	59	045	10	1697	-29	63	061	11	2170	-29	68	079	12	2651	-29	69	078	14
MN	1338	-26	66	*		1776	-27	64	*		2248	-28	63	*		2734	-29	62	352	04

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ALERT, N.W.T.
FEBRUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3828	-34	7	32	246	24	5076	-43	7		242	26	6553	-51	3	251	21	8393	-58	4		221	14
02	3881	-37	5	38	255	14	5115	-45	9		253	16	6569	-55	9	252	10	8376	-61	2		234	08
03	3914	-37	0	32	262	12	5149	-46	8		260	06	6611	-53	0	251	18	8445	-58	7		264	13
04	4045	-25	4	59	252	20	5345	-31	5	70	260	22	6895	-41	6	259	33	8785	-54	9		263	56
05																							
06																							
07	4023	-26	0	28	-		5330	-32	2	49	-		6875	-42	1	247	48	8762	-56	4		245	55
08	4032	-27	7	77	249	25	5325	-34	5	74	249	41	6856	-43	6	248	55	8746	-54	6		248	81
09	3969	-25	0	79	239	27	5276	-33	1	72	240	26	6805	-45	7	250	30	8656	-58	0		248	34
10	3800	-36	3	66			5063	-38	0	A22			6582	-43	5			8516	-44	3			
11	3820	-34	3	70			5087	-37	9	65			6595	-47	3			8481	-47	4			
12	3723	-40	1	-			4956	-45	1		343	10	6426	-49	5	315	10	8337	-42	1		305	14
13	3699	-40	6		058	07	4928	-45	5		065	05	6397	-50	5	094	04	8298	-45	0		292	06
14	3749	-39	1	48	051	14	4982	-46	1		047	13	6441	-52	5	038	10	8308	-49	2		345	05
15	3804	-36	1	40	086	04	5051	-43	0		034	02	6529	-51	4	277	04	8361	-53	4		271	11
16	3770	-37	0	47	166	03	5011	-44	4		180	03	6479	-52	6	208	07	8330	-53	4		243	12
17	3754	-37	2	53	227	07	4995	-44	0		226	11	6469	-50	0	234	16	8349	-50	1		248	18
18	3736	-38	0	38	301	04	4980	-42	3		264	10	6475	-46	7	254	32	8354	-52	3		257	29
19	3779	-37	9	A22	299	11	5022	-44	2		296	18	6492	-49	6	272	26	8363	-51	6		272	27
20	3762	-40	7		284	15	4993	-44	8		278	21	6457	-53	5	270	22	8309	-53	0		280	17
21	3831	-38	2	48	355	28	5067	-45	3		006	40	6528	-53	5	009	27	8394	-56	1		001	25
22	3885	-37	9	76	360	25	5124	-44	7		360	26	6589	-53	3	358	38	8405	-62	3		357	24
23	3869	-35	8	A21	041	19	5115	-44	0		049	25	6580	-54	1	040	28	8381	-64	4		036	21
24	3830	-35	6	63	045	08	5077	-43	3		042	10	6549	-52	6	045	08	8363	-62	6		019	03
25	3749	-31	9	A20	074	12	5013	-40	5		070	10	6502	-50	1	071	10	8343	-58	9		137	04
26	3698	-33	6	63	059	09	4957	-41	0		054	13	6446	-50	0	053	16	8288	-58	0		060	11
27	3690	-34	4	78	066	03	4948	-41	7		109	04	6428	-50	6	162	10						
28	3757	-34	3	63	049	11	5019	-39	4	45	038	11	6516	-49	3	019	11	8353	-56	8		049	18
MN	3823	-35	1	50	*		5077	-41	7	57	*303	06	6563	-49	8	*271	10	8427	-54	5		*266	14

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10952	-56	8		221	18	12789	-53	8		227	19	15385	-53	8		232	29	17705	-46	0		240	50
02	10915	-58	1		241	12	12727	-58	1		236	15	15296	-54	0		244	22	17647	-41	9		243	31
03	10985	-57	9		258	16	12794	-59	1		256	18	15346	-57	0		256	14	17617	-50	8		259	17
04	11279	-71	1				13032	-64	1				15505	-65	5				17711	-59	5			
05																								
06																								
07	11255	-64	4		250	59	13005	-66	4		252	46	15453	-66	9		253	38						
08	11251	-66	1		254	51	13002	-64	8		257	51	15492	-62	1		311	09	17714	-58	8		299	26
09	11228	-56	8		267	28	13057	-55	2		295	20	15659	-54	5		004	27	17958	-52	1		357	29
10	11245	-43	6				13171	-45	2				15855	-46	4				18210	-48	0			
11	11212	-41	9				13159	-42	4				15892	-43	7				18271	-46	6			
12	11102	-39	6		304	13	13054	-42	0		319	19	15811	-43	0		313	17	18201	-43	1		321	17
13	11038	-40	6		298	14	12996	-42	0		303	16	15737	-43	9		314	14	18131	-44	8		311	20
14	11002	-43	3		291	12	12950	-42	0		309	13	15675	-45	5		297	08	18037	-47	7		303	11
15	11033	-45	7		292	11	12966	-43	4		292	14	15690	-46	3		303	12	18041	-48	4		309	09
16	10983	-46	2		277	13	12903	-45	3		283	12	15596	-48	3		296	11	17935	-49	6		307	09
17	11018	-46	5		256	18	12934	-45	6		269	16	15630	-47	7		285	12	17969	-50	9		298	11
18	10998	-48	5		269	28	12895	-46	5		275	22	15579	-48	4		282	21	17921	-49	5		302	14
19	11009	-50	4		272	16	12900	-47	3		285	43	15585	-47	6		282	19	17931	-49	6		302	26
20	10944	-49	8		280	25	12826	-49	8		292	34	15498	-46	0		282	20	17843	-50	0		307	22
21	10947	-53	5		309	16	12805	-50	0		328	22	15448	-53	0		316	25	17772	-49	5		315	22
22	10942	-56	5		328	17	12772	-55	6		334	24	15374	-52	3		333	14						
23	10907	-57	9		359	18	12721	-58	4		341	09												
24	10883	-59	3		343	05	12679	-60	6		322	10	15202	-60	7		322	14						
25	10889	-58	1		145	05	12690	-60	9		032	04	15209	-60	8		024	08						
26	10855	-57	3		000	00	12670	-58	1		000	00	15217	-58	9		003	10	17476	-55	9		003	19
27																								
28	10948	-54	1		075	11	12784	-56	3		072	06	15339	-59	8		068	05	17582	-57	2		026	11
MN	11033	-53	0		*269	14	12891	-52	5		*284	16	15520	-52	8		*289	12	17884	-50	0		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3857	-36	6	32	259	15	5100	-44	4		253	10	6564	-54	0	249	14	8386	-59	1		245	13
02	3865	-37	8	42	260	08	5099	-46	0		240	04	6558	-54	0	233	11	8379	-59	0		248	09
03	3975	-37	8	A22	266	15	5209	-44	5		263	19	6686	-49	2	272	35	8538	-58	7		276	45
04	4095	-21	5	64	243	20	5413	-31	4	61	249	23	6953	-43	6	256	30	8825	-58	1		264	35
05																							
06	3963	-27	0	31			5271	-31	8	A20			6818	-41	7			8710					
07	4040	-24	9	41	253	24	5344	-33	5	53	252	33	6884	-43	5	254	41	8761	-56	7		251	59
08	3977	-30	8	48	271	32	5248	-39	7	36	255	21	6750	-45	6	249	31	8645	-53	0		241	48
09	3833	-29	3	37	243	25	5130	-33	2	A20	237	37	6666	-43	5	231	45	8562	-49	3			
10	3870	-34	5	A21			5133	-38	5	A22			6640	-47	5			8525	-47	6			
11	3714	-39	4	72	288	12	4943	-44	9		282	17	6431	-44	4	287	17	8356	-43	3		296	23
12	3707	-40	5		027	03	4930	-47	9		316	01	6397	-50	0	293	05	8304	-43	8		282	10
13	3712	-39	4	68	066	11	4943	-45	5		054	12	6408	-52	9	058	10	8282	-47	7		322	05
14	3789	-37	8	68	045	07	5028	-44	3		044	10	6500	-51	9	024	09	8355	-53	0		313	06
15	3779	-35	9	A21	133	05	5026	-42	9		192	04	6504	-51	5	241	07	8346	-53	9		258	11
16	3752	-36	0	53	196	03	4999	-43	0		-		6480	-50	5	-		8347	-51	0		236	18
17	3731	-37	6	46	243	05	4975	-42	8		251	14	6465	-47	0	249	29	8348	-51	0		256	27
18	3757	-39	0	A22	292	09	4990	-44	9		281	13	6468	-48	5	274	20	8347	-50	1		267	26
19	3773	-37	9	A22	293	12	5011	-44	4		284	17	6481	-52	6	278	26	8319	-53	5		277	19
20	3763	-41	9		332	15	4987	-46	2		327	19	6458	-50	1	320	12	8322	-52	5		292	16
21	3864	-37	9	67	348	25	5101	-44	9		351	36	6566	-53	5	351	31	8380	-61	2		348	24
22	3873	-39	5	76	358	17	5099	-48	0		352	25	6541	-56	6	350	37	8352	-58	3		351	30
23	3870	-34	4	49	038	14	5123	-42	5		039	08	6601	-52	5	359	07	8409	-63	6		018	14
24	3768	-34	0	40	070	11	5024	-42	0		071	06	6505	-51	6	080	08	8327	-61	3		085	05
25	3718	-32	2	A20	052	10	4986	-39	4	A22	056	09	6483	-49	5	065	12	8329	-59	0		086	11
26	3688	-34	2	74	047	06	4946	-41	8		054	06	6426	-52	2	058	09	8263	-58	0		098	04
27	3719	-32	8	74	051	08	4987	-38	9	63	072	05	6486	-49	6	124	04	8313	-60	3		077	09
28	3743	-34	1	67	075	18	5001	-41	7		074	24	6484	-51	0	079	33	8328	-54	9		074	24
MN	3822	-35	0	47	*		5076	-41	8	37	*290	06	6563	-49	6	*277	09	8421	-54	5		*276	12

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10941	-57	7		236	13	12756	-57	1		234	15	15344	-52	7		236	21	17678	-44	0		240	45
02	10930	-57	4		247	15	12744	-57	9		253	18	15310	-56	4		253	19	17611	-48	0		248	26
03	11057	-62	3		273	35	12827	-63	5		279	29	15334	-62	0		271	18	17560	-58	1		277	12
04	11318	-63	8																					
05																								
06																								
07	11257	-66	5		255	64	13000	-66	0		254	47	15461	-66	0		254	37	17646	-61	4		276	38
08	11201	-60	9		254	44	12990	-60	1		282	22	15534	-57	8		315	16	17794	-55	8		350	19
09	11224	-48	8				13114	-50	2				15759	-50	0				18094	-49	9			
10	11244	-43	5				13179	-43	6				15897	-46	4				18265	-46	8			
11	11108	-40	8		299	19	13065	-42	2		305	19	15798											
12	11054	-40	5		297	13	13003	-42	3		308	16	15747	-43	3		313	13	18138	-45	4		313	16
13	10996	-42	1		288	09	12947	-41	5		308	14	15682	-44	5		316	14	18057	-47	2		306	13
14	11019	-44	8		300	06	12959	-42	7				15685	-46	0				18041	-48	9			
15	11000	-46	2		284	12	12928	-44	2		310	11	15631	-47	7		302	13	17977	-49	8		316	09
16	11012	-46	8		261	15	12930	-44	9		280	13	15623	-48	4		295	08	17953	-52	0		295	13
17	11004	-48	2		266	23	12906	-46	8		272	18	15595	-48	4		290	15	17939	-49	2		295	15
18	11010	-48	2		272	19	12908	-47	6		278	32	15585	-47	4		281	21	17941	-50	7		291	19
19	10991	-49	2		284	32	12837	-49	0		284	20	15524	-47	6		288	26	17870	-49	0		305	19
20	10953	-51	8		289	15	12828	-49	0		289	21	15494	-48	4		298	27	17848	-50	0		293	19
21	10935	-54	1		326	19	12773	-55	7		326	14	15400	-50	5		333	25	17698	-54	1		301	17
22	10924	-55	0		348	26	12754	-56	9		320	06	15334	-53	1		324	19	17621	-55	2		316	20
23	10905	-59	9		339	11	12714	-58	8		348	14	15292	-60	3		321	18	17469	-61	7		324	20
24	10862	-58	1		000	00	12663	-60	8		317	05	15172	-62	4		325	09	17372	-62	7		315	13
25	10870																							
26	10827	-56	4		205	03	12647	-58	1		000	00	15205	-56	9		002	08	17472	-56	3		003	17
27	10883	-56	0		075	07	12709	-57	5		104	04	15264	-59	0		047	06	17510	-57	0		011	13
28	10930	-54	2		075	11	12768	-56	0		086	12	15330	-57	5		076	04	17587	-56	9		036	09
MN	11016	-52	5		*274	14	12873	-52	2		*278	13	15498	-52	7		*294	13	17789	-52	6		*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ALERT, N.W.T.
FEBRUARY 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19998	-39 7		245	63	23501	-38 5		256	49	26289	-36 7		278	47					
02	19954	-37 6		250	40	23481	-37 2		265	35	26284	-37 5		273	35					
03	19859	-40 4		259	26	23374	-34 8		260	21	26203	-34 6		270	26	31024	-36 8		000	00
04	19842	-53 9				23299	-38 5				26089	-39 9								
05																				
06																				
07																				
08	19854	-51 6		314	28	23218	-46 7		002	25										
09	20149	-50 3		359	36	23474	-52 0		002	32	26131	-48 7		008	30					
10	20431	-48 7				23764	-51 7													
11	20492	-47 0				23862	-50 5													
12	20438	-46 8		325	06	23802														
13	20373	-46 0		316	18	23743	-50 4		325	18	26375	-52 3		350	18					
14	20262	-47 9		300	15	23612	-50 2		313	15	26250	-52 9		314	16					
15	20238	-50 4		309	09	23584	-49 7		304	10	26217	-53 0		310	14					
16	20110	-54 1		335	08	23384	-54 6		322	12	25981	-56 0		298	09					
17	20150	-53 0		303	11	23433	-55 7		304	15										
18	20104	-51 4		310	14	23391	-55 1		322	07	25961	-58 2		306	10					
19	20123	-53 9		306	08	23392	-55 2		310	14										
20	20031	-53 3		290	22	23292	-57 4		295	15										
21	19975	-50 8		290	13	23267														
22																				
23																				
24																				
25																				
26	19611																			
27																				
28	19717	-55 6		016	10	22981	-56 5		010	13										
MN	20086	-49 1		*		23466	-49 1		*		26178	-47 0		*		31024	-36 8		*	

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19981	-39 9		251	44	23504	-38 6		256	49	26299	-35 9		273	45					
02	19897	-37 3		249	34	23424	-35 6		265	23	26236	-38 3		280	26					
03	19735	-45 7		275	25	23239	-39 6		290	24	26039	-35 5								
04																				
05																				
06																				
07	19758	-56 5		314	18															
08	19967	-48 6		008	43	23321	-52 3		360	43	25985	-45 7		007	39					
09	20293	-50 2				23626	-50 6													
10	20492	-48 1				23825														
11																				
12	20375	-47 0		321	14	23746	-49 9		325	12										
13	20278	-48 1				23634	-50 2				26269	-52 8								
14	20244	-50 0																		
15	20163	-52 6		329	09	23464	-53 2		328	09	26069	-54 5								
16	20129	-52 8		316	06	23397	-55 9		315	12	25972	-56 9		315	19					
17	20119	-53 2		307	13	23393	-56 0		315	08	25958	-58 6		346	12					
18	20136	-51 7		298	13	23418	-55 2		311	08	25995	-55 0		045	09					
19	20052	-53 8		291	19															
20	20029	-52 4		302	30	23329	-54 2		302	17	25920	-55 1		302	30					
21	19857	-54 0		316	14	23150	-53 1		321	22	25722	-57 6		314	22					
22	19762	-56 7		315	25	22990	-57 9		332	28	25523	-62 3								
23																				
24	19450	-62 0		330	12	22624														
25																				
26	19603	-57 6		008	14															
27	19655																			
28	19723	-55 0		040	13	23000	-55 5													
MN	19986	-51 1		*		23358	-50 5		*		25999	-50 7		*					*	

A Statistical Value for Relative Humidity
* Vector Mean Wind
\- Entered under Wind Direction indicates a Stratum of Missing Wind Data

SPECIAL AEROLOGICAL DATA 00 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Code	Tropopause (1) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Tropopause (2) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Max. Wind Level Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	2 29	0					1	08 72	284	-59 7	306	0					9	19 77	052	241	69
02	10940	02	8 11	0					1	08 29	304	-61 3	298	0					9	19 75	052	240	44
03	00900	76	2 21	0					1	09 19	266	-61 0	309	0					9	25 40	022	285	30
04	80910	02	7 42	0					1	11 33	198	-71 6	320	1	25 75	021	-41 6	699	5	11 21	202	269	81
05																							
06																							
07	00901	02	2 16	0					1	10 55	224	-66 5	316	0					8	09 10	285	245	85
08	855--	02	7 02	0					1	10 82	214	-66 4	321	0					9	08 64	305	248	82
09	00901	38	7 49	0					1	08 57	304	-58 1	302	0					9	07 32	370	247	48
10	874--	71	2 30	0					2	06 58	400	-43 5	298	0					0				
11	00908	02	7 31	0					1	07 70	338	-52 0	302	0					0				
12	875--	71	0 09	0					2	05 49	461	-48 7	280	1	12 01	175	-42 5	380	9	13 01	151	318	20
13	00900	02	1 01	0					1	06 23	411	-50 8	287	0					9	18 15	069	311	21
14	00900	10	8 05	0					2	05 84	439	-51 4	281	0					9	20 04	052	311	18
15	00900	02	3 12	0					1	07 53	342	-55 0	297	0					9	26 60	019	318	16
16	67500	02	8 08	0					2	06 48	400	-52 6	287	2	18 94	060	-55 3	491	1	28 24	014	318	17
17	00900	02	8 08	0					2	06 12	422	-49 9	286	0					9	07 21	356	240	21
18	45700	10	2 10	0					1	08 03	315	-52 9	307	1	15 10	107	-49 7	423	9	07 38	349	293	41
19	00900	02	7 06	0					2	05 83	443	-49 5	282	1	20 63	046	-55 1	525	9	12 21	167	279	55
20	35400	02	2 06	0					1	06 60	391	-54 6	286	0					9	16 34	088	283	38
21	855--	71	2 20	0					1	07 63	337	-58 4	293	0					9	05 83	445	001	49
22	67500	71	4 00	0					1	08 36	302	-62 4	297	0					8	06 37	424	357	45
23	00900	02	7 07	0					1	08 31	303	-64 8	293	0					7	06 69	394	041	28
24	15500	02	7 17	0					1	08 78	280	-63 8	302	0					8	14 60	110	316	18
25	00900	02	7 07	0					2	08 20	306	-58 9	301	0					8	01 89	777	049	20
26	874--	71	2 06	0					1	08 29	299	-58 1	304	0					8	17 89	066	014	25
27	00900	02	2 06	0					0					0					4	06 87	373	175	11
28	45500	02	0 02	0					1	07 88	323	-59 4	295	0					9	21 67	037	008	18
MEAN										07 89	332	-57 3	298		18 49	082	-48 4	504					

SPECIAL AEROLOGICAL DATA 12 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Code	Tropopause (1) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Tropopause (2) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Max. Wind Level Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	30940	02	2 16	0					1	08 09	314	-59 4	298	0					9	18 90	059	245	58
02	00900	02	2 05	0					1	08 08	315	-59 7	297	0					9	20 30	047	252	39
03	00900	02	8 03	0					2	09 26	267	-60 9	309	0					9	08 10	322	275	49
04	8092-	02	5 10	0					6	10 84	216	-66 9	319	0					5	08 50	316	263	39
05																							
06	864--	71	2 63	0					0					0					0				
07	30940	02	8 07	0					2	10 50	226	-66 0	317	0					9	09 38	271	294	67
08	00908	02	8 10	0					2	09 79	251	-58 7	319	0					9	10 50	223	250	67
09	857--	71	2 23	0					1	08 10	321	-51 6	307	0					1	07 48	354	295	48
10	00908	02	8 10	0					1	07 60	345	-51 6	301	0					0				
11	865--	36	2 21	0					2	04 56	530	-44 5	274	0					7	08 16	308	296	24
12	60720	71	7 13	0					2	04 90	502	-47 8	275	0					9	13 62	137	311	18
13	66400	76	2 09	0					1	06 41	400	-52 9	286	0					1	19 45	057	316	16
14	00901	76	7 02	0					2	06 50	400	-51 9	287	0					6	01 37	845	023	19
15	00900	76	7 08	0					1	07 34	351	-56 2	293	0					9	12 36	164	296	14
16	00900	02	7 02	0					1	07 35	350	-52 5	298	0					9	25 88	020	318	20
17	35500	76	1 05	0					1	07 97	318	-51 4	308	2	18 71	062	-52 4	488	9	06 79	380	255	31
18	00900	02	2 12	0					1	07 44	345	-51 1	301	1	18 04	069	-50 9	477	9	13 00	148	280	33
19	00900	02	7 06	0					2	07 24	356	-56 0	292	7	18 88	060	-52 2	493	9	13 41	137	284	35
20	855--	71	2 17	0					1	07 81	324	-53 4	303	0					9	16 02	093	303	35
21	865--	71	2 16	0					1	08 47	297	-61 3	300	1	16 54	084	-54 1	445	9	06 94	377	350	44
22	865--	71	7 13	0					1	07 69	334	-59 2	293	0					9	06 90	378	348	49
23	00900	02	7 18	0					1	08 90	276	-65 1	300	0					1	17 92	065	327	22
24	865--	71	7 12	0					1	08 45	294	-61 8	300	0					9	21 20	038	352	21
25	00900	76	2 03	0					6	08 76	280	-61 0	305	0					3	00 92	886	352	16
26	70920	71	2 07	0					1	08 14	305	-58 1	302	0					1	21 00	040	352	21
27	25500	02	2 15	0					1	08 38	297	-60 5	301	0					1	18 92	056	356	15
28	00901	02	4 00	0					1	07 34	350	-55 7	294	0					9	06 70	387	076	34
MEAN										07 92	329	-56 7	299		18 04	069	-52 4	476					

ALERT, N.W.T.
MARCH 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1008	-37	6	270	04	0118	-35	1	286	03	0480	-34	9	66	005	04	0856	-32	6	69	049	07
02	0995	-33	2	54	000	00	0031				0400				–		0789				–	
03	1004	-34	4	61	270	03	0091	-33	0		–		0450	-29	4		–		0843	-27	4		–	
04	0998	-35	6	37	000	00	0054						0420	-34	0	49	246	05	0788	-31	2	59	250	07
05	1002	-35	7	71	000	00	0080	-35	4	71	000	00	0440	-33	5	76	127	03	0822	-29	0	74	105	04
06	1001	-35	0	50	000	00	0073	-34	7	50	000	00	0430	-31	9	54	015	03	0819	-29	9	60	077	05
07	1004	-32	7	64	270	02	0091	-32	1	64	279	02	0460	-28	1	69	351	04	0850	-19	0	68	067	04
08	1002	-30	0	35	000	00	0080	-30	0	36	–		0450	-22	5		–		0854	-29	8		–	
09	1005	-31	6	58	270	04	0104	-30	0	59	269	04	0470	-26	0	70	254	04	0867	-23	3	75	241	08
10	1004	-31	1	52	000	00	0095	-30	8	53	000	00	0460	-27	3	65	236	03	0856	-23	7	63	231	08
11	0997	-20	9	81	230	18	0041						0430	-15	9	75	241	11	0830	-17	6	75	254	10
12	1015	-37	6		280	04	0169	-35	2	53	293	03	0530	-37	0	57	286	03	0898	-35	7	61	253	08
13	1018	-37	7		270	04	0189	-34	5	41	281	03	0550	-32	4	46	334	02	0936	-26	2	44	020	02
14	1013	-36	6	49	000	00	0157	-31	8	44	000	00	0540	-30	7	49	090	02	0908	-28	1	54	060	03
15	1002	-32	7	55	280	02	0077	-32	6	56	280	02	0440	-30	9	62	352	03	0827	-24	3	65	073	04
16	1016	-34	4	72	225	10	0178	-30	6	71	232	10	0540	-28	2	67	242	14	0934	-29	2	63	238	18
17	1011	-26	2	82	230	18	0144	-25	8	80	235	18	0510	-27	0	75	250	18	0906	-27	3	72	255	15
18	1007	-32	2	65	000	00	0115	-31	2	63	000	00	0500	-24	3	52	238	04	0881	-23	3	38	223	05
19	1013	-32	1	73	000	00	0159	-30	8	70	000	00	0520	-26	6	62	027	02	0918	-24	9	58	163	03
20	1025	-32	2	49	000	00	0241	-29	3	52	000	00	0600	-28	8	60	293	03	0994	-31	0	64	297	06
21	1025	-34	8	50	000	00	0238	-26	4	51	000	00	0620	-24	4	44	160	03	1005	-24	6	37	177	05
22	1020	-34	5	41	000	00	0205	-29	4	49	000	00	0590	-25	9	46	352	01	0968	-23	2	36	141	02
23	1003	-36	6	58			0087	-36	7	58			0440	-34	8	54			0825	-30	1	54		
24	0996	-34	4	61	315	09	0035						0390	-35	8	67	353	10	0769	-36	3	73	354	10
25	0997	-29	9	61	000	00	0045						0410				293	03	0797				325	03
26	1000	-32	7	47	000	00	0065	-32	7	47	000	00	0420	-33	6	55	001	03	0801	-34	1	60	017	03
27	0997	-32	7	47	000	00	0041						0410	-30	8	54	360	01	0796	-20	3	58	126	05
28	1012	-33	3	54	270	02	0149	-31	1	51	291	03	0510	-30	3	55	014	05	0901	-26	9	56	059	07
29	1009	-33	2	63	280	02	0126	-32	7	63	276	02	0490	-28	1	59	243	03	0884	-21	5	41	210	07
30	0999	-33	9	43	225	04	0062						0430	-30	0	52	005	05	0809	-25	5	57	045	07
31	0996	-32	2	65	000	00	0035						0410	-22	7	60	200	07	0807	-15	2	71	211	10
MN	1006	-33	2	57	*		109	-31	8	56	*		475	-29	2	59	*		863	-26	7	59	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1260	-30	9	64	071	10	1696	-26	4	53	084	12	2170	-25	4	46	099	11	2663	-27	2	43	103	11
02	1205	-21	6	45	–		1652	-21	6	65	194	02	2150	-21	1	63	191	03	2657	-22	5	38	210	04
03	1256	-28	8		–		1697	-24	7	57	–		2180	-25	0	53	210	08	2667	-26	1	46	203	10
04	1193	-30	4	63	259	08	1626	-28	5	57	249	10	2100	-29	2	52	238	12	2582	-28	8	54	230	14
05	1233	-26	0	65	137	02	1676	-23	4	51	215	03	2170	-22	1	34	229	05	2654	-24	7	35	224	05
06	1235	-19	3	60	150	03	1690	-16	5	A17	215	06	2180	-18	0	A17	220	08	2687	-20	8	31	228	11
07	1279	-14	2	73	051	01	1740	-14	6	78	269	02	2230	-17	4	61	305	05	2743	-18	4	56	284	04
08	1278				–		1728				–		2220	-21	9	55	–		2710	-24	8	56	–	
09	1285	-24	5	74	242	10	1725	-27	4	70	234	10	2190	-30	3	65	244	09	2675	-33	3	61	239	08
10	1274	-23	9	57	230	09	1716	-26	0	53	234	08	2190	-28	2	53	240	09	2674	-30	6	54	237	11
11	1256	-20	7	70	266	06	1703	-23	1	69	249	08	2190	-24	4	69	229	16	2677	-24	9	70	230	19
12	1302	-29	8	48	244	15	1735	-30	1	34	239	17	2210	-31	3	A20	236	22	2681	-33	0	30	236	24
13	1345	-30	0	44	003	03	1777	-30	7	36	299	02	2240	-32	2	A20	259	06	2721	-33	0	A20	251	13
14	1321	-25	5	36	110	02	1764	-24	5	33	194	03	2250	-24	8	39	236	05	2734	-28	1	54	227	06
15	1246	-20	8	68	111	04	1696	-20	1	66	160	03	2190	-20	7	63	212	06	2681	-24	1	66	211	08
16	1340	-32	3	62	234	21	1766	-35	6	60	228	21	2220	-37	9	58	232	18	2687	-39	8	57	235	15
17	1317	-27	0	72	240	09	1793	-29	9	72	227	10	2220	-33	0	72	231	10	2693	-35	3	72	258	11
18	1298	-22	5	28	183	05	1742	-24	7	A18	182	07	2210	-28	0	A19	189	08	2701	-31	9	A20	196	07
19	1335	-24	7	55	209	04	1776	-26	1	54	221	05	2250	-27	6	52	207	06	2734	-31	0	62	192	07
20	1398	-33	1	69	303	07	1825	-33	4	70	318	06	2290	-35	1	71	326	07	2756	-37	4	72	335	08
21	1421	-25	0	31	165	06	1862	-26	6	A19	160	05	2310	-29	7	A20	160	05	2815	-32	9	A20	198	05
22	1385	-24	5	29	169	02	1827	-26	3	A19	177	02	2300	-28	6	36	198	02	2783	-30	6	47	214	04
23	1240	-22	9	33			1688	-21	0	A18			2180	-20	0	A17			2676	-21	8	A18		
24	1174	-26	5	66	036	12	1620	-20	4	53	072	16	2120	-17	0	64	091	10	2616	-19	8	61	112	08
25	1205	-29	8	71	011	05	1639	-28	5	79	064	08	2110	-20	5	86	077	12	2618	-20	9	87	083	10
26	1207	-29	3	69	032	04	1648	-19	7	73	057	06	2130	-14	4	57	102	10	2656	-16	0	47	111	09
27	1231	-11	9	43	129	12	1694	-14	7	41	110	13	2190	-16	0	48	101	15	2698	-20	0	61	109	19
28	1322	-16	6	50	113	09	1779	-14	5	43	129	12	2270	-15	3	49	131	18	2785	-18	8	49	135	17
29	1307	-20	1	A17	204	08	1758	-19	9	A17	197	08	2250	-20	3	33	178	08	2745	-23	0	38	162	09
30	1229	-21	4	51	066	09	1682	-15	9	29	084	07	2170	-17	3	A17	103	05	2682	-18	8	A17	128	04
31	1241	-13	4	67	208	14	1704	-12	4	48	199	14	2200	-15	1	33	196	13	2713	-18	3	33	199	13
MN	1278	-24	1	54	215	02	1722	-23	6	48	*		2203	-24	1	46	*		2695	-26	3	47	204	06

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	0995	-34	8	57	270	06	0031						0410	-31	7	66	330	06	0774	-28	9	69	355	06
02	1004	-35	2	50	000	00	0091	-34	4	49	000	00	0450	-30	5	54	240	05	0839	-28	3	58	259	11
03	0997	-35	7	60	270	03	0046						0420	-32	6	64	343	03	0791	-30	0	70	037	05
04	1001	-37	4		270	03	0072	-37	0		270	03	0440	-33	9	65	311	02	0813	-30	3	65	031	01
05	1002	-35	7	60	000	00	0083	-35	0	58	–		0440	-32	9	61	–		0826	-30	7	63	–	
06	1001	-34	2	61	270	03	0074	-33	8	61	270	03	0450	-30	6	65	354	03	0827	-25	7	68	040	07
07	1005	-31	2	59	000	00	0099	-30	9		000	00	0480	-24	0		024	02	0869	-16	6		081	02
08	1004	-33	3	63	000	00	0093	-32	9	62	000	00	0470	-22	2	68	246	07	0859	-22	0	69	243	13
09	1006	-31	7	50	000	00	0108	-31	1	51	000	00	0460	-26	0	56	222	05	0869	-24	4	59	231	07
10	0998	-32	4	73	000	00	0052						0430	-21	7	61	224	05	0824	-20	4	49	227	05
11	1011	-32	2	97	000	00	0146	-31	4	57	000	00	0500	-32	1	61	045	01	0893	-28	4	66	153	03
12	1017	-40	9		270	05	0182	-35	8	49	244	04	0540	-31	0	52	149	02	0926	-31	3	48	121	02
13	1015	-35	6	48	000	00	0172	-32	1	47	000	00	0540	-30	0	45	065	01	0922	-29	4	49	061	02
14	1009	-34	4	51	000	00	0129	-33	0	49	000	00	0500	-31	8	54	100	03	0877	-27	4	61	078	06
15	1000	-23	7	75	225	18	0066	-23	7	75	225	18	0440	-26	0	70	235	17	0831	-26	8	66	231	18
16	1009	-25	8	78	240	21	0129	-25	9		239	17	0500				240	07	0890				254	17
17	1007	-25	8	50	225	05	0118	-25	0	49	236	05	0490	-24	8	45	271	04	0887	-22	9	99	244	04
18	1011	-29	4	50	000	00	0142	-27	2	51	000	00	0510	-25	6	49	253	05	0906	-24	7	47	246	06
19	1020	-32	7	55	000	00	0206	-30	4	60	000	00	0570	-29	7	65	291	04	0957	-30	7	70	284	04
20	1029	-34	7	50	000	00	0265	-29	4	49	000	00	0640	-26	8	56	182	02	1024	-27	0	51	187	02
21	1023	-34	5	41	000	00	0227	-30	3	44	000	00	0600	-24	5	45	173	02	0990	-24	8	37	151	02
22	1014	-37	7				0165	-31	2	34			0530	-29	6	44			0918	-26	7	43		
23	1000	-33	0	73	360	08	0066	-33	0	73	360	08	0430	-33	5	72	357	13	0807	-30	7	69	356	15
24	0992	-32	2	73	360	09	0006						0370	-30	7	66	335	11	0751	-34	1	70	353	09
25	1001	-30	6	53	000	00	0072	-30	4	53	000	00	0435	-31	0	58	300	02	0819	-32	3	64	332	02
26	0997	-33	8	53	270	03	0048						0410	-33	3	54	220	02	0789	-31	2	64	106	06
27	1005	-32	4	49	000	00	0102	-32	1	50	000	00	0470	-30	0	58	228	03	0857	-23	6	48	212	09
28	1011	-32	1	57	000	00	0144	-30	8	57	000	00	0500	-28	8	57	210	03	0901	-24	5	58	203	05
29	1005	-34	4	41	000	00	0098	-33	9	41	000	00	0460	-28	8	47	325	02	0853	-22	7	40	249	02
30	0998	-32	8	81	000	00	0055						0420	-27	1	63	012	03	0812	-24	3	53	054	05
31	0996	-31	3	53	000	00	0038						0420	-28	4	66	000	00	0802	-16	6	73	166	04
MN	1006	-33	0	58	*		107	-31	3	53	*		476	-29	0	58	*		861	-26	6	58	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1189	-21	6	56	032	08	1641	-18	8	27	060	09	2130	-20	7	A18	066	11	2628	-22	6	A18	075	11
02	1252	-25	0	51	244	12	1693	-26	3	35	229	08	2180	-23	5	A18	190	09	2666	-25	0	A18	146	09
03	1200	-28	7	66	097	08	1640	-22	4	37	115	08	2120	-23	0	A18	135	06	2616	-25	2	A18	132	06
04	1220	-30	0	64	186	01	1696	-27	0	49	232	07	2130	-25	4	36	239	10	2623	-26	5	33	240	15
05	1239	-23	0	53	–		1686	-20	4	39	–		2180	-21	0	30	–		2672	-22	9	A18	224	11
06	1251	-15	9	86	100	05	1711	-14	2	85	144	04	2210	-14	6	73	170	06	2720	-17	7	60	200	08
07	1302	-13	4		150	06	1765	-14	9	56	186	02	2250	-18	0	70	295	01	2762	-21	0	75	341	01
08	1280	-22	4	61	236	14	1724	-24	7	53	232	13	2200	-25	8	43	230	18	2690	-29	4	39	231	16
09	1285	-25	6	59	231	07	1724	-26	7	53	230	06	2200	-28	2	47	233	10	2682	-30	5	41	236	09
10	1248	-19	9	38	221	05	1699	-20	4	27	226	04	2180	-23	1	A18	230	03	2676	-26	8	A19	235	04
11	1302	-28	5	73	218	09	1738				232	15	2220	-27	7	43	230	20	2698	-28	2	A19	228	22
12	1330	-32	7	42	256	02	1756	-34	1	36	271	08	2210	-35	4	A21	255	13	2687	-35	1	A21	249	18
13	1330	-28	4	41	215	01	1766	-27	6	A19	236	03	2235	-27	9	A19	245	07	2724	-29	0	29	291	11
14	1292	-24	0	57	096	05	1737	-22	9	48	140	03	2210	-24	7	57	214	04	2708	-26	9	48	223	06
15	1244	-27	1	62	232	15	1681	-27	5	58	211	13	2150	-29	5	55	163	12	2694	-31	4	54	160	15
16	1298	-30	4	69	251	14	1728	-32	7	69	260	05	2190	-35	0	68	267	07	2659	-37	6	68	275	09
17	1304	-24	1	36	215	07	1747	-25	7	34	205	11	2220	-28	2	31	216	10	2704	-31	5	29	225	11
18	1322	-25	9	55	236	08	1760	-27	9	52	224	08	2230	-30	0	49	222	09	2710	-32	4	46	219	11
19	1362	-32	1	72	202	02	1789	-34	0	69	109	04	2250	-37	4	63	085	04	2713	-39	2	60	062	06
20	1435	-27	4	46	216	03	1871	-29	1	43	249	02	2330	-30	8	40	303	03	2817	-33	7	40	313	03
21	1405	-25	1	29	157	03	1844	-27	3	A19	160	04	2305	-29	6	A20	160	04	2797	-31	8	A20	178	03
22	1334	-23	7	30			1777	-25	0	38			2240	-26	5	47			2741	-27	4	A19		
23	1215	-24	0	62	007	17	1665	-19	8	41	051	20	2165	-19	3	A17	068	18	2658	-20	8	A18	078	18
24	1152	-29	8	72	025	11	1591	-25	0	74	062	12	2070	-18	9	78	075	12	2581	-18	6	71	071	11
25	1223	-31	1	69	012	03	1660	-22	4	78	062	05	2160	-18	7	78	076	06	2653	-19	4	70	104	05
26	1203	-20	1	60	128	09	1659	-15	7	44	142	15	2150	-14	8	43	139	17	2668	-17	4	55	139	20
27	1275	-21	6	41	178	10	1729	-13	9	34	157	14	2230	-14	6	30	153	18	2741	-16	0	26	155	24
28	1325	-17	7	48	179	08	1783	-13	9	36	152	12	2270	-14	5	30	142	16	2794	-17	7	27	146	17
29	1277	-19	5	29	144	03	1729	-19	9	29	162	04	2210	-21	0	31	170	06	2714	-22	3	32	177	08
30	1236	-16	0	54	000	00	1697	-13	9	52	187	03	2200	-15	0	42	188	05	2705	-16	6	36	203	04
31	1230	-18	3	67	142	09	1686	-14	8	51	142	12	2180	-17	8	48	140	13	2684	-21	2	45	138	15
MN	1276	-24	3	55	205	02	1720	-23	0	46	*		2200	-23	9	41	*		2694	-25	9	38	186	06

A — *Statistical Value for Relative Humidity*

* — *Vector Mean Wind*

– — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ALERT, N.W.T.
MARCH 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3764	-32	6	96	10 5	5025	-41	A		11 2	6506	-49	3		10 7	8370	-53	2		10 7
02	3758	-27	7	A19	18 4	5048	-36	3	34	16 2	6557	-48	2		15 6	8401	-56	6		14 1
03	3770	-32	1	97	20 0	5035	-39	8	A22	20 1	6533	-48	5		20 0	8417	-50	7		20 3
04	3680	-31	5	A20	22 4	4958	-37	4	A22	22 0	6470	-46	8		21 4	8360	-48	5		20 8
05	3763	-30	2	A20	22 7	5048	-35	5	48	22 9	6570	-45	9		22 5	8428	-58	8		22 6
06	3808	-28	8	43	23 2	5092	-37	0	31	22 9	6604	-46	6		23 6	8458	-58	9		19 5
07	3879	-25	0	49	22 3	5179	-34	9	61	22 0	6694	-47	5		22 0	8533	-61	3		21 9
08	3819	-31	1	66	17 0	5085	-39	8	59	14 6	6584	-48	6		16 7	8436	-55	0		16 3
09	3745	-38	9	54	23 9	4976	-45	2		24 4	6448	-50	9		23 9	8323	-49	1		23 0
10	3758	-35	9	59	29 4	5006	-43	0		23 2	6486	-50	0		23 8	8394	-50	9		24 0
11	3784	-32	0	69	22 9	5050	-40	0		23 4	6551	-47	3		23 4	8422	-55	4		23 5
12	3762	-36	1	51	23 5	5008	-43	4		23 5	8482	-52	3		23 4	8339	-51	5		23 3
13	3799	-36	4	A21	25 1	5047	-43	0		25 0	6521	-52	6		24 4	8360	-55	4		23 9
14	3824	-35	0	65	24 0	5074	-42	8		23 7	6550	-52	0		24 0	8373	-59	5		23 9
15	3790	-31	4	71	19 0	5063	-38	1		18 5	6565	-49	2		19 6	8401	-60	4		19 5
16	3731	-43	7		20 7	4952	-44	5		19 7	6420	-51	0		17 6	8290	-48	9		17 5
17	3754	-41	5		26 5	4972	-47	9		26 1	6413	-57	4		24 4	8239	-56	9		20 4
18	3773	-39	0	55	19 4	5003	-46	4		19 5	6461	-54	1		19 0	8277	-58	6		19 3
19	3810	-39	2	64	18 4	5040	-47	1		18 7	6487	-56	6		19 9	8293	-58	0		20 2
20	3809	-42	7		33 3	5020	-49	7		31 7	6455	-55	5		30 1	8277	-57	5		26 3
21	3885	-38	9	A22	24 1	5119	-45	3		27 0	6583	-59	3		27 5	8403	-61	4		26 5
22	3867	-35	8	63	20 6	5116	-43	1		21 4	6588	-53	0		21 5	8406	-60	8		23 6
23	3797	-28	7	A19		5077	-38	3	A22		6580	-48	5			8423	-60	7		
24	3744	-27	0	64	14 1	5035	-35	5	64	15 5	6557	-44	9		18 6	8428	-57	2		20 0
25	3747	-26	0	86	08 8	5050	-32	6	84	10 4	6588	-43	8		12 1	8465	-57	3		10 4
26	3804	-22	6	41	11 0	5120	-30	9	41	13 1	6664	-43	5		14 6	8534	-98	7		15 5
27	3845	-21	7	37	12 8	5160	-32	0	A20	13 0	6701	-43	5		12 3	8580	-97	2		12 3
28	3919	-26	5	39	12 8	5207	-37	1	38	11 6	6709	-48	9		11 9	8565	-98	2		11 5
29	3862	-29	2	33	15 1	5143	-37	4	A22	13 2	6649	-48	9		12 6	8495	-96	3		12 8
30	3817	-25	5	66	19 1	5123	-32	7	67	20 2	6666	-42	4		21 6	8555	-55	8		21 8
31	3848	-25	5	93	17 2	5154	-33	0	A20	15 4	6688	-44	4		14 5	8559	-57	8		15 1
MN	3797	-32	2	47	*	5064	-39	7	41	* 20 3	6559	-49	2		* 20 7	8411	-56	3		* 19 6

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10990	-53	0		12 0	12836	-55	7		09 5	15402	-57	7		08 0	17658	-55	4		06 3
02	11018	-51	7		18 2	12876	-53	2		18 2	15488	-55	0		20 0	17761	-56	9		21 5
03	11083	-49	8		20 6	12979	-49	0		20 0	15632	-51	6		22 0	17950	-53	3		20 7
04	11043	-46	2		20 3	12985	-47	3		20 6	15614	-50	6		21 4	17956	-53	3		21 5
05	11046	-47	5		21 4	12949	-47	5		20 4	15613	-50	3		19 7	17929	-52	8		20 6
06	11045	-50	4		22 2	12921	-49	6		21 8	15588	-51	0		20 9	17883	-52	8		18 1
07	11124	-49	6		22 2	13012	-49	5		23 2	15659	-51	4		23 0	17965	-53	7		24 3
08	11087	-49	2		19 6	12987	-46	7		21 1	15637	-50	9		21 5	17948	-53	3		22 6
09	11001	-46	6		22 1	12916	-44	4		17 6	15601	-48	8		15 2	17908	-54	4		21 5
10	11005	-50	8		24 6	12876	-50	8		24 5	15520	-51	6		21 6	17832	-52	8		21 4
11	11005	-53	3		23 5	12865														
12	10997	-48	7		23 6	12885	-51	0		23 6	15517	-52	9		23 6	17818	-53	8		23 6
13	10973	-51	7		24 0	12844	-51	1		24 1	15474	-51	0		24 1	17789	-53	0		00 0
14	10966	-51	2		23 6	12830	-51	4		23 1	15459	-52	3		23 9	17764	-52	9		22 9
15	10950	-53	4		19 9	12801	-53	7		20 9	15397	-54	0		20 7	17683	-54	7		21 8
16	10934	-50	8		17 8	12799	-53	9		18 1	15391	-56	8		19 2					
17	10865	-51	9		19 0	12731	-53	4		19 4	15344	-55	3		20 0					
18	10862	-54	6		19 3	12702	-54	9		19 3	15276	-59	0		19 0	17510	-59	9		19 0
19	10871	-56	0		20 1	12698	-57	1		20 4	15248	-59	5		20 6	17479	-60	0		20 2
20	10861	-55	9		23 2	12685	-57	9		23 6	15225	-60	8		21 8	17431	-63	0		23 0
21	10948	-57	4		25 1	12759	-59	0		23 9	15291	-61	1		24 6	17496	-63	1		24 1
22	10960	-56	7			12779	-58	2			15316									
23	10967	-57	0			12787	-58	6			15325	-60	2							
24	10989	-54	4		18 8	12828	-55	3		22 3	15410	-55	2		25 8	17684	-57	0		28 2
25	11039	-54	6		13 6	12889	-54	1		14 1	15483	-54	9		17 2	17756	-56	5		00 0
26	11082	-55	9		14 3	12919	-54	8		13 9	15503	-56	2		18 7	17758	-58	2		00 0
27	11134	-55	2		12 5	12968	-55	3		12 2	15551	-56	4		14 0	17810	-57	4		11 0
28	11113	-55	8		13 6	12950	-55	0		13 6	15530	-56	7		13 0	17783	-58	3		15 9
29	11100	-50	9		15 7	12960	-52	6		14 1	15560	-55	4		15 5	17823	-57	5		21 6
30	11116	-55	4		20 9	12961	-54	0		20 6	15558	-54	5		22 9	17836	-56	2		22 5
31	11097	-54	1		14 5	12948	-54	2		15 0	15559	-53	7		21 4	17839	-56	4		22 6
MN	11009	-52	6		* 20 3	12867	-53	0		* 20 5	15472	-54	6		* 20 9	17770	-56	0		

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3748	-27	6	A19	11 0	5036	-36	5	A22	16 9	6548	-45	7		18 7	8404	-56	3		16 5
02	3774	-30	5	A20	16 7	5048	-38	9	A22	14 4	6549	-47	9		14 7	8405	-54	4		17 1
03	3725	-30	5	A20	18 9	5000	-38	0	A22	19 7	6513	-44	0		19 4	8407	-50	1		19 8
04	3728	-31	3	A20	23 3	5002	-38	0	A22	24 0	6512	-46	3		23 0	8389	-51	0		22 6
05	3788	-29	1	64	22 9	5068	-38	3	59	21 9	6572	-47	3		22 2	8419	-57	1		23 1
06	3860	-24	0	93	24 1	5163	-34	2	36	23 7	6685	-45	9		24 1	8534	-59	7		23 3
07	3885	-28	2	76	16 5	5169	-37	0	73	17 3	6675	-48	6		17 7	8523	-57	9		19 6
08	3770	-38	2	98	22 0	4999	-46	6		20 7	6470	-49	6		20 4	8352	-50	2		19 5
09	3767	-36	0	A21	24 7	5011	-44	4		25 0	6491	-51	0		24 6	8349	-52	6		24 5
10																				
11	3793	-35	8	43	23 0	5048	-42	8		22 9	6522	-52	3		22 9	8390	-50	9		22 7
12	3756	-38	5	44	24 4	4993	-44	4		24 5	6465	-51	6		24 2	8326	-51	4		24 3
13	3812	-35	9	34	24 8	5056	-44	8		24 0	6519	-53	4		23 6	8345	-98	1		23 6
14	3808	-35	3	38	23 4	5067	-41	7		23 0	6548	-51	3		22 4	8375	-62	0		23 0
15	3721	-34	8	53	15 5	4974	-42	1		14 3	6458	-49	9		15 2	8301	-57	8		16 2
16	3709	-43	6		30 3	4917	-50	7		32 5	6363	-52	5		24 8	8230	-49	8		20 0
17	3780	-37	9	A22	22 6	5015	-46	1		21 4	6471	-54	3		21 3	8294	-56	4		21 1
18	3785	-38	0	33	22 0	5019	-46	4		22 1	6469	-55	7		21 6	8278	-57	9		21 1
19	3761	-43	1		07 5	4975	-48	5		08 1	6430	-53	0		14 4	8274	-54	3		20 5
20	3878	-41	5		31 9	5098	-48	0		29 0	6542	-56	0		28 5	8350	-59	4		27 3
21	3875	-37	0	40	22 0	5119	-44	0		23 8	6587	-53	0		24 6	8406	-61	1		24 4
22	3837	-33	0	A20		5094					6569	-51	8							
23	3784	-27	9	28	10 1	5072	-36	5	41	14 1	6577	-48	6		17 0	8424	-57	4		19 6
24	3719	-24	4	56	08 3	5027	-32	2	66	11 0	6571	-41	2		13 0	8464	-55	9		19 7
25	3788	-24	3	44	13 5	5097	-33	0	90	15 7	6627	-45	0		14 3	8487	-59	1		14 5
26	3822	-20	7	41	13 5	5147	-29	2	48	11 3	6699	-42	3		11 7	8586	-96	2		13 3
27	3881	-25	7	28	14 3	5176	-35	7	30	13 7	6694	-45	5		11 9	8564	-97	0		12 1
28	3927	-26	9	A19	14 3	5213	-37	1	A22	14 0	6720	-47	5		14 2	8581	-57	0		13 3
29	3833	-29	0	32	20 3	5111	-38	6	32	20 6	6610	-48	9		21 3	8461	-54	5		21 0
30	3856	-21	4	40	19 7	5172	-32	0	50	17 8	6708	-44	4		18 6	8580	-58	1		16 4
31	3805	-28	9	39	14 6	5084	-37	8	A22	14 5	6589	-48	5		14 3	8440	-56	1		13 6
MN	3799	-31	8	36	*	5066	-40	1	37	* 20 1	6558	-49	1		* 19 7	8412	-55	9		* 19 6

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10993	-54	8		17 4	12837	-54	2		16 6	15432	-55	3		18 1	17703	-56	3		17 8
02	11036	-47	0		19 3	12920	-49	8		18 4	15568	-51	2		18 1	17872	-54	4		20 4
03	11083	-48	0		20 0	12980	-49	7		20 1	15636	-51	3		20 8					
04	11060	-45	2		21 4	12977	-46	3		20 7	15639	-50	7		20 9	17949	-54	2		19 9
05	11034	-49	1		20 8	12927	-47	5		20 3	15591	-51	9		21 2	17908	-52	7		20 5
06	11126	-50	6		22 0	13014	-48	4		23 2	15674	-50	7		22 9	17996	-51	0		22 9
07	11133	-48	9		21 0	13020	-50	2		21 9	15672	-51	8		22 0	17972	-53	9		22 6
08	11046	-45	4		21 1	12965	-46	3		21 1	15635	-51	8		21 0	17944	-53	0		21 7
09	11005	-48	3		24 5	12896	-49	9		20 0	15562	-48	8		14 7	17886	-52	5		16 0
10																				
11	11042	-48	8		22 8	12922	-51	1		22 9	15548	-52	5		24 1	17851	-94	5		00 0
12	10985	-49	0		24 3	12869	-50	2		24 0	15513	-52	0		24 3	17822	-92	9		24 3
13	10949	-51	1		23 6	12820	-51	0		23 6	15449	-52	6		23 6	17756	-52	6		24 1
14	10938	-52	8		22 5	12786	-53	6		21 7	15392	-55	3		22 1	17690	-93	2		22 5
15	10901	-53	7		18 7	12752	-53	8		19 0	15354	-54	9							
16	10884	-49	9		18 4	12757	-51	8		18 4	17									
17	10900	-52	3		19 8	12758	-53	1		19 3	20	15350	-56	5		19 0	22	17617	-96	0
18	10866	-54	8		19 7	12704	-55	7		19 9	17	15274	-58	7		18 4	25	17516	-98	5
19	10876	-54	5		21 4	11														
20	10919	-56	2		24 9	11	12738	-58	4		24 0	19	15269	-61	9		23 9	17	17479	-61
21	10950				24 1	3	12766	-58	1		24 1	15	15309	-59	9		24 2	18	17529	-61
22																				
23	10990	-56	2		21 1	10	12823	-55	9		23 1	09								
24	11017	-53	7		15 5	08	12859	-55	3		16 9	06	15467	-54	4		19 7	04	17745	-56
25	11049	-54	4		13 9	10	12896	-54	0		14 1	06	15494	-54	9		14 3	03	17771	-56
26	11110	-56	6		12 4	14	12938	-56	0		13 4	10	15511	-57	2		12 6	02	17762	-98
27	11117	-56	4		10 8	16	12949	-54	2		12 9	10	15531	-56	0		11 0	05	17792	-57
28	11158	-52	9		13 2	11	13010	-53	7		12 9	07	15602	-55	9		21 8	03		
29	11078	-52	6		19 4	09	12941	-52	9		18 5	08	15553	-54	7		20 8	05	17832	-55
30	11118	-57	9		18 5	10	12951	-55	3		18 6	11	15548	-55	1		20 0	05	17814	-56
31	11052	-51	0		17 0	16	12911	-52	9		16 3	06	15520	-54	4		20 6	03	17800	-55
MN	11014	-51	9		* 20 2	12	12882	-52	5		* 20 4	11	15503	-54	2		* 20 8	10	17783	-55

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ALERT, N.W.T.
MARCH 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19803	-54	5	053	10	23070	-56	9	056	08										
02	19894	-56	6	201	09	23138	-58	0	121	05	25661	-62	6							
03	20099	-55	2	205	13	23330														
04																				
05	20090	-55	4	207	19	23317	-61	0												
06	20042	-55	8	221	12	23260														
07	20119	-55	7	236	11	23347	-59	2	190	12	25873	-62	1	229	08					
08	20105	-55	7	229	12															
09	20062	-54	9	217	02	23277														
10	19995	-55	0	222	06	23225	-60	5	190	05	25729	-63	9	286	06					
11																				
12	19965	-57	0	016	11	23167	-61	2	266	09										
13	19948	-55	5	000	00	23162	-62	3	340	06	25646	-65	0	314	06					
14	19929	-54	7	274	08	23163	-60	3	290	14										
15	19834	-55	9	225	11	23069	-60	3	232	21										
16																				
17																				
18	19621	-58	0	186	31	22808	-63	0	187	25										
19	19578	-60	4	211	23	22764	-59	6	206	25										
20	19508	-62	0	232	21	22677	-61	0	221	21										
21	19571	-62	1	244	24	22740	-61	0	237	16	25264	-60	7	235	20					
22																				
23																				
24	19798	-60	1	285	07	22965														
25	19885	-58	0	287	03	23081	-61	7	271	08	25978	-63	8	294	08					
26	19867	-60	1	312	03	23037	-62	4	316	02	25533	-63	7	266	04					
27	19993	-58	2	000	00	23136	-60	1	350	02	25657	-62	4	339	01					
28	19893	-59	8	337	05	23072	-61	7	307	06	25578	-62	8	276	04					
29	19943	-58	7	240	04	23142	-60	0	288	04	25670	-60	9	291	04					
30	19964	-58	2	267	05	23159	-60	8	300	05										
31	19964	-58	9	202	05	23159	-61	0	319	06	25662	-63	4	329	05					
MN	19896	-57	4	*	224	07	23094	-60	6	*		25622	-62	8	*				*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19838	-56	2	106	03	23079														
02	20025	-55	0	199	10	23242	-60	0	000	00										
03																				
04	20111	-56	0	189	08	23337														
05	20066	-55	3	204	11	23284	-61	0	205	04										
06	20171	-53	9	212	12	23407	-59	0	200	08										
07	20120	-56	0	225	12	23356	-59	2	213	04	25874	-63	0	214	13					
08	20111	-54	9																	
09	20046	-55	5	221	14	23274	-58	2	238	02	25807	-62	0	270	03					
10																				
11	19991	-57	1	259	04	23208	-59	9	239	03										
12	19980	-55	9	000	00	23195	-60	6	030	06	25702	-61	8	263	10					
13	19930	-52	9	254	03	23160	-60	9	304	07	25652	-64	8	311	07					
14	19859	-53	1	235	11	23098	-60	2	293	17	25599	-64	4	280	15					
15																				
16																				
17	19740	-58	3	192	36	22944	-62	1	191	25										
18	19633	-58	3	190	21	22828	-60	1	197	29	25350	-59	7	195	35					
19																				
20	19566	-62	5	245	21	22724	-61	2	231	23	25250	-60	5	234	15					
21	19610	-62	7	238	19	22772	-60	0	247	20	25319	-59	4							
22																				
23																				
24	19871	-58	8	285	10	23055	-61	8	283	09	25555	-63	4	278	08					
25	19903	-58	0	333	02	23100	-60	6	301	04	25614	-62	3	310	04					
26	19875	-59	7	025	04	23051	-61	9	010	01	25551	-63	4	318	04					
27	19915	-58	5	000	00	23113	-60	5	000	00	25629	-62	1	000	00					
28																				
29	19962	-58	7	245	06	23168	-60	2	000	00	25687	-60	8	000	00					
30	19939	-58	3	238	03	23138	-60	8	274	04	25650	-62	4	324	04					
31	19931	-58	0	266	03	23129	-60	8	339	05										
MN	19921	-57	1	*	214	08	23121	-60	5	*	238	06	25588	-62	1	*			*	

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA $P_0 C_1 h C_h C_M$	SURFACE ww	SURFACE P_{PPP}	FREEZING LEVELS Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	TROPOPAUSE (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	TROPOPAUSE (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	MAX. WIND LEVEL Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	006	0					1	07	79	328	-53	6	302	0						9	07	87	324	103	15
02	65700	03	307	0					2	07	60	341	-56	5	294	7	23	80	027	-60	0	598	9	12	40	162	182	14
03	00900	02	710	0					2	06	53	400	-48	5	292	1	13	80	192	-51	7	395	9	14	75	114	205	39
04	00900	02	219	0					1	07	23	356	-49	6	301	0							8	05	42	465	219	28
05	00900	02	305	0					1	08	35	303	-59	1	301	6	23	99	027	-62	5	591	9	07	27	360	222	33
06	00900	02	400	0					1	08	59	294	-59	5	304	0							9	05	27	486	233	24
07	00900	02	211	0					1	08	83	285	-62	3	302	0							9	13	03	149	233	20
08	65500	02	207	0					1	08	13	315	-56	0	303	1	13	80	132	-51	6	395	9	09	64	249	179	33
09	00900	02	400	0					1	06	69	386	-52	3	290	2	16	44	088	-52	9	442	9	07	27	352	238	21
10	10930	02	805	0					1	07	40	348	-52	9	298	0							9	07	31	353	239	37
11	10941	36	347	0					1	08	92	277	-57	6	311	0							6	06	76	388	234	46
12	00901	10	213	0					1	07	03	368	-53	6	293	1	13	70	132	-53	5	392	9	06	34	409	234	42
13	00900	02	202	0					1	07	46	346	-56	3	294	0							9	06	90	378	243	41
14	00901	02	704	0					1	08	10	313	-60	5	296	0							9	07	42	408	241	25
15	8082-	02	709	0					1	08	84	279	-62	3	304	0							9	08	38	301	195	42
16	35500	02	217	0					1	05	69	447	-49	9	281	1	13	45	135	-57	4	382	8	08	62	285	181	22
17	00908	38	816	0					1	06	95	367	-60	4	283	1	12	55	154	-53	7	375	8	13	92	124	192	21
18	20930	02	308	0					1	07	67	330	-59	7	294	6	22	40	032	-63	7	560	9	20	80	042	189	33
19	8092-	02	217	0					1	07	33	350	-60	6	287	0							9	19	90	048	199	25
20	00901	01	217	0					1	06	33	408	-56	2	280	0							9	23	43	027	227	26
21	00900	02	708	0					1	08	49	296	-61	9	299	0							9	17	80	067	245	25
22	00900	02	706	0					2	08	01	319	-60	1	295	0							1	10	67	209	233	18
23	00901	10	723	0					1	08	63	290	-62	1	301	0							0					
24	45700	10	720	0					1	09	08	270	-61	4	308	0							9	08	09	315	199	32
25	00901	10	230	0					1	08	88	280	-59	6	307	0							9	08	57	295	104	15
26	00904	10	703	0					1	09	10	273	-62	1	306	0							9	08	47	304	155	17
27	10941	02	217	0					1	09	31	266	-62	8	307	0							9	08	47	305	123	39
28	00901	02	003	0					1	09	30	266	-60	8	310	0							9	08	56	309	115	35
29	00901	02	714	0					1	07	88	331	-57	2	296	1	14	03	127	-55	6	392	9	07	25	365	127	21
30	20957	02	701	0					1	09	53	257	-60	6	314	0							9	07	67	344	216	31
31	20958	02	711	0					1	09	54	256	-61	9	312	0							1	08	97	282	153	30
MEAN										08	04	321	-58	0	299		16	80	099	-56	3	452						

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA $P_0 C_1 h C_h C_M$	SURFACE ww	SURFACE P_{PPP}	FREEZING LEVELS Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	TROPOPAUSE (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	TROPOPAUSE (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	MAX. WIND LEVEL Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00901	76	741	0					1	07	88	326	-56	8	298	0						9	06	87	383	186	17
02	00900	02	229	0					1	07	73	333	-55	9	298	1	12	11	170	-51	3	369	9	08	65	288	177	17
03	00900	02	713	0					2	07	43	348	-49	6	303	2	12	55	160	-49	5	378	8	06	94	376	200	57
04	00900	02	305	0					1	07	90	323	-54	0	303	2	14	10	126	-49	7	403	9	06	63	406	229	42
05	00900	02	400	0					1	07	77	332	-57	5	296	1	15	50	101	-52	0	426	9	07	26	360	227	25
06	00900	02	103	0					1	08	77	289	-60	3	303	0							9	12	51	162	232	26
07	65700	02	804	0					1	08	76	289	-58	5	306	0							9	09	09	274	213	26
08	00900	02	007	0					2	06	47	400	-49	6	291	0							8	02	27	742	231	18
09	00900	02	400	0					1	07	09	365	-53	6	293	0							9	11	16	196	237	25
10	00901	02	729	0					0							0							2	02	88	682	231	06
11	35700	02	400	0					1	06	52	400	-52	3	287	0							9	06	80	384	226	34
12	00900	02	704	0					2	06	47	400	-51	6	288	0							9	05	95	433	243	34
13	10940	02	805	0					1	08	27	303	-58	4	302	0							9	07	37	350	240	24
14	25600	02	711	0					1	08	49	295	-62	6	298	0							9	07	74	332	228	33
15	874--	36	004	0					1	08	04	312	-58	2	300	0							7	06	83	378	159	50
16	55601	38	301	0					1	05	08	488	-51	6	272	0							7	00	07	009	240	21
17	00901	02	703	0					1	07	75	327	-58	8	293	0							9	19	77	050	192	35
18	00900	02	205	0					1	07	40	345	-60	2	288	1	14	66	110	-58	8	403	1	26	00	018	194	38
19	20840	02	215	0					1	06	79	379	-54	6	288	0							6	10	10	225	211	12
20	00900	02	802	0					1	07	93	321	-60	5	294	0							9	17	75	067	240	24
21	00900	02	707	0					1	08	25	306	-61	4	297	0							9	18	67	058	252	31
22	00900	02	720	0					0							0							0					
23	855--	10	203	0					1	08	75	284	-58	4	308	0							7	08	67	288	207	24
24	857--	02	809	0					2	09	28	263	-62	4	308	0							9	09	17	267	139	17
25	20840	02	205	0					1	08	75	286	-60	4	304	0							9	08	14	316	146	17
26	25701	02	704	0					1	09	97	240	-66	9	310	0							9	08	30	313	132	28
27	00900	02	229	0					1	09	45	260	-62	7	309	0							9	08	88	285	122	47
28	00900	02	808	0					1	09	12	274	-59	5	309	0							8	07	84	336	139	34
29	00900	02	811	0					1	07	75	335	-55	1	298	0							9	07	76	334	222	20
30	00901	02	816	0					1	09	61	254	-62	8	311	0							9	07	27	368	189	17
31	00900	02	400	0					1	08	18	312	-57	1	302	0							9	07	97	323	136	30
MEAN										07	99	324	-57	6	299		13	78	133	-52	3	396						

ALERT, N.W.T.
APRIL 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	0996	-32	65	000	00	0038					0410	-25	58	149	01	0798	-20	69	211	08
02	0999	-31	73	000	00	0056					0430	-23	69	242	02	0822	-21	60	215	09
03	1013	-31	74	270	03	0155	-30	72	269	03	0528	-30	65	229	05	0901	-32	58	193	05
04	0995	-33	62	000	00	0028					0400	-30	62	314	02	0775	-29	58	288	01
05	1001	-32	64	000	00	0076	-32	64	000	00	0450	-24	58	321	04	0837	-24	55	216	09
06	1003	-31	59	270	02	0087	-31	57	270	02	0460	-26	42	203	09	0851	-20	51	204	09
07	1011	-19	50	270	03	0144	-18	46	253	04	0520	-20	45	227	07	0924	-23	46	228	14
08	1012	-23	45	220	10	0153	-29	44	-		0530	-24	42	-		0919	-25	39	-	
09																				
10	1020	-16	59	220	13	0218	-19	49	227	12	0610	-14	41	237	11	1015	-16	43	268	06
11	1016	-10	84	225	15	0188	-07	46	229	14	0600	-06	42	210	09	1011	-08	51	261	02
12	1014	-10	65	270	08	0171	-10	60	271	08	0570	-08	41	276	05	0986	-09	39	336	02
13	1021	-13	60	000	00	0222	-14	63	000	00	0610	-15	70	126	03	1018	-15	71	264	05
14	1022	-07	61	230	05	0252	-08	34	231	08	0630	-07	A15	235	09	1050	-08	A15	234	07
15	1009	-14	47	225	03	0157	-12	44	252	03	0540	-08	27	299	02	0954	-06	A15	297	05
16	1020	-15	56	000	00	0217	-12	52	000	00	0610	-14	54	176	03	1017	-13	37	186	02
17	1023	-22	45			0229	-23	54			0610	-22	64			1003	-21	71		
18	1023	-24	54			0235	-23	60			0620	-20	70			1013	-19	69		
19	1028	-25	61	000	00	0269	-22	66	000	00	0660	-20	66	301	04	1047	-21	61	346	07
20	1020	-15	53	270	03	0212	-12	41	250	03	0610	-19	28	214	06	1017	-12	A16	206	04
21	1011	-15	49	000	00	0147	-15	47	000	00	0535	-15	64	346	03	0942	-15	78	003	06
22	1007	-15	75	000	00	0118	-16	76	000	00	0500	-17	77	203	03	0908	-17	79	233	06
23	1011	-20	73	315	05	0147	-20	74	299	04	0530	-21	76	281	02	0925			235	04
24	1012	-24	56	000	00	0153	-22	58	000	00	0530	-21	67	000	00	0927	-22	76	063	02
25	1012	-24	66	000	00	0151	-23	66	000	00	0530	-21	67	071	01	0927	-21	69	044	02
26	1009	-23	40	000	00	0132	-23	38	000	00	0500	-20	39	233	02	0910	-20	50	244	04
27	1008	-24	56	000	00	0125	-24	67	000	00	0500	-22	71	347	04	0897	-22	74	004	05
28	1014	-23	75	000	00	0167	-23	57	000	00	0550	-23	65	360	03	0938	-23	73	013	05
29	1023	-24	70	360	06	0229	-24	72	339	05	0600	-25	77	341	16	0995	-25	82	360	16
30	1023	-21	46	000	00	0233	-21	56	000	00	0600	-21	72	347	08	1009	-21	78	003	11
MN	1013	-21	59	*		161	-19	56	*		544	-19	56	*		943	-19	56	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1221	-20	57	201	10	1673	-20	34	175	13	2160	-21	41	162	15	2656	-25	54	160	16
02	1246	-18	48	190	08	1699	-19	31	163	11	2180	-22	39	159	16	2681	-24	28	155	20
03	1306	-20	43	203	10	1739	-20	35	194	15	2210	-29	A19	191	16	2691	-30	A20	196	21
04	1190	-18	65	190	02	1646	-16	47	196	04	2135	-18	A17	190	10	2642	-20	A18	180	13
05	1256	-21	49	206	12	1702	-23	46	193	12	2190	-24	47	198	12	2675	-26	49	201	13
06	1273	-22	52	198	11	1718	-23	50	194	11	2190	-24	47	204	12	2689	-26	43	210	15
07	1299	-26	46	230	16	1777	-26	44	230	21	2250	-27	44	228	16	2735	-30	45	213	10
08	1832			-		1769	-32	34	-		2230	-35	39	-		2697	-36	46	250	12
09																				
10	1442	-18	44	307	09	1895	-18	49	321	12	2370	-20	57	322	10	2884	-21	62	323	15
11	1451	-12	63	276	09	1913	-16	76	309	12	2400	-17	82	302	13	2913	-19	85	295	13
12	1426	-11	43	075	01	1890	-19	49	257	04	2380	-15	64	273	08	2898	-16	69	286	11
13	1448	-17	96	295	11	1901	-20	41	310	13	2360	-22	28	309	13	2881	-24	A18	302	14
14	1492	-09	A15	249	05	1960	-11	A16	306	04	2450	-14	26	297	07	2972	-17	35	320	06
15	1400	-06	A15	299	14	1874	-08	A15	282	09	2370	-11	A16	263	12	2898	-15	A16	266	16
16	1449	-16	43	247	04	1906	-17	48	281	05	2400	-18	36	285	05	2903	-18	A17	300	05
17	1425	-21	76			1872	-22	76												
18	1435	-21	67			1882	-22	64			2350	-25	59			2851	-27	54		
19	1469	-22	94	001	07	1914	-23	97	009	07	2390	-24	80	017	09	2883	-28	34	010	09
20	1451	-19	A17	201	03	1907	-17	A17	138	02	2390	-19	47	100	02	2898	-22	A18	075	03
21	1372	-16	98	005	05	1827	-18	26	354	05	2310	-19	81	358	05	2817	-22	50	003	05
22	1338	-16	79	238	07	1795	-17	81	245	08	2280	-19	81	240	06	2787	-22	79	247	06
23	1348	-20	83	297	08	1796	-21	76	235	07	2280	-23	70	242	05	2773	-24	64	237	05
24	1348	-21	74	309	04	1795	-22	76	244	02	2270	-23	76	000	00	2769	-26	63	000	00
25	1349	-21	71	082	01	1796	-21	73	091	02	2280	-22	69	105	01	2775	-25	66	202	01
26	1332	-21	55	254	03	1779	-22	57	293	02	2250	-24	58	328	02	2793	-26	58	324	02
27	1316	-23	76	016	04	1761	-23	74	077	03	2240	-25	76	014	04	2791	-27	74	011	04
28	1356	-23	79	020	05	1798	-24	79	030	06	2250	-25	79	029	04	2766	-27	77	035	04
29	1411	-23	85	021	11	1855	-23	89	040	10	2395	-25	80	049	13	2823	-27	70	051	14
30	1431	-21	85	028	10	1879	-21	94	041	12	2330	-22	56	047	13	2859	-24	70	050	16
MN	1367	-19	57	261	03	1818	-20	53	*		2295	-22	50	*		2796	-24	49	247	03

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	0999	-35	60	270	03	0059					0430	-21	53	217	03	0825	-20	A17	182	05
02	1006	-27	71	220	23	0109	-27	70	284	23	0490	-28	66	245	19	0865	-25	60	231	19
03	1006	-36	59	270	05	0109	-34	56	286	04	0470	-32	60	005	04	0852	-31	60	066	07
04	1001	-36	35	225	01	0073	-35	36	225	01	0430	-30	46	205	09	0820	-26	46	226	08
05	1001	-22	59	230	14	0071	-21	58	280	14	0450	-20	46	244	12	0851	-22	41	231	10
06	1007	-18	57	225	28	0118	-18	55	227	27	0500	-20	47	242	19	0900	-20	41	242	17
07	1019	-29	63	000	00	0200	-28	60	000	00	0570	-30	53	247	10	0952	-30	48	237	12
08	1022	-28	59	225	03	0223	-28	56	265	06	0590	-30	57	325	12	0971	-33	59	334	13
09	1022	-22	77	230	18	0226	-18	73	293	15	0610	-18	69	156	05	1013	-19	68	148	01
10	1017	-12	50	225	13	0197	-12	47	282	13	0600	-10	37	211	06	1009	-09	28	206	02
11	1018	-10	65	230	05	0202	-09	66	210	05	0600	-11	74	188	04	1011	-11	74	280	03
12	1009	-08	74	320	04	0136	-09	76	322	05	0520	-11	82	340	08	0943	-12	86	358	07
13	1030	-17	61	090	02	0288	-18	66	154	02	0670	-19	75	200	03	1074	-17	72	246	09
14	1015	-14	43	000	00	0180	-08	43	000	00	0580	-05	A15	297	03	1006	-03	A14	297	05
15	1017	-13	68	009	00	0190	-11	64	000	00	0580	-12	59	236	02	0994	-13	53	237	02
16	1019	-20	54	315	05	0205	-19	56	324	06	0580	-18	62	345	06	0991	-18	75	011	04
17	1024	-24	41	000	00	0239	-24	51	000	00	0630	-22	68	005	05	1012	-22	69	022	06
18	1026	-25	55	000	00	0250	-24	56	000	00	0610	-22	65	329	05	1025	-22	74	330	06
19	1025	-26	40	000	00	0251	-16	62	-		0640	-14	52	-		1047	-16	45	-	
20	1013	-29	30	225	06	0163			-		0550	-12	25	-		0966	-13	A16	-	
21	1009	-15	60	225	06	0191	-14	55	226	06	0520	-13	44	211	05	0931	-15	48	187	05
22	1008	-17	70	000	00	0126	-17	70	000	00	0510	-18	75	119	01	0912	-19	77	197	01
23	1012	-22	81	000	00	0154	-22	78	000	00	0520	-23	75	285	05	0925	-21	81	075	03
24	1012	-24	54	270	02	0152	-23	54	270	01	0530	-22	57	108	02	0924	-22	62	037	04
25	1011	-23	63	000	00	0143	-23	56	000	00	0520	-21	67	256	01	0919	-21	76	210	01
26	1008	-21	54	000	00	0125	-22	57	000	00	0500	-21	68	307	02	0901	-21	80	352	02
27	1010	-22	65	000	00	0139	-22	66	000	00	0510	-23	70	334	03	0910	-23	75	354	04
28	1018	-24	55	000	00	0197	-24	57	000	00	0570	-24	64	316	04	0965	-24	70	331	07
29	1024	-23	57	000	00	0240	-23	60	000	00	0620	-23	68	342	10	1012	-23	72	360	15
30	1019	-21	96	000	00	0205	-19	93	000	00	0590	-15	58	344	07	0996	-16	81	360	11
MN	1014	-22	57	*		170	-20	59	*		550	-20	59	*		951	-20	57	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1248	-21	A18	159	06	1696	-22	A18	173	08	2180	-23	A18	183	10	2670	-26	A19	182	12
02	1281	-24	57	201	15	1722	-26	55	184	14	2200	-18	79	179	13	2678	-31	51	175	13
03	1263	-25	52	096	09	1706	-22	35	150	09	2190	-22	A18	152	11	2685	-25	A18	182	13
04	1239	-20	77	098	13	1687	-21	76	228	13	2180	-22	33	215	13	2667	-23	29	216	14
05	1270	-23	40	229	12	1713	-25	41	216	15	2190	-26	43	205	13	2676	-29	44	210	13
06	1323	-20	96	238	14	1769	-24	41	231	10	2250	-27	45	229	09	2791	-30	50	235	15
07	1356	-32	85	228	13	1782	-35	42	234	18	2230	-35	42	239	18	2709	-37	47	248	18
08	1369	-36	62	238	10	1790	-37	62	334	08	2250	-39	59	320	07	2702	-42	7	337	05
09	1436	-21	69	272	06	1883	-22	75	285	11	2360	-23	78	296	13	2860	-25	73	302	16
10	1448	-12	55	271	04	1909	-16	A17	290	08	2400	-19	A17	305	12	2905	-18	A17	306	14
11	1450	-12	76	300	08	1911	-16	77	302	09	2400	-15	76	310	11	2914	-16	49	322	15
12	1380	-11	87	299	06	1845	-13	87	260	08	2330	-17	87	270	10	2847	-20	86	284	15
13	1502	-18	53	303	06	1955	-19	34	315	09	2450	-21	A18	335	07	2939	-23	A18	335	10
14	1458	-04	A15	259	07	1933	-07	A15	270	07	2450	-10	A16	286	08	2959	-14	A16	295	10
15	1427	-15	47	267	04	1885	-16	49	311	05	2370	-19	65	313	10	2878	-21	64	293	11
16	1420	-17	95	013	03	1872	-19	76	352	04	2330	-21	71	250	03	2858	-23	68	340	03
17	1492	-22	71	035	07	1878	-23	69	036	07	2350	-25	67	031	08	2848	-27	64	029	07
18	1444	-23	74	330	09	1887	-25	75	335	10	2340	-26	75	341	08	2850	-28	60	337	13
19	1475	-18	39	-		1927	-20	34	-		2399	-22	33	-		2905	-25	36	-	
20	1402	-13	A16	-		1861	-16	A17	-		2340	-18	71	-		2856	-21	49	43	05
21	1360	-16	57	206	04	1816	-17	68	237	04	2300	-19	71	273	03	2808	-21	73	290	05
22	1334	-21	67	205	06	1781	-22	88	77	-	2270	-23	72	-		2758	-23	88	77	-
23	1346	-21	81	090	03	1793	-22	81	289	02	2280	-22	78	270	01	2770	-25	64	192	01
24	1346	-21	57	075	02	1792	-22	55	63	066	02	2280	-23	57	067	01	2769	-25	50	170	01
25	1341	-21	78	080	01	1789	-21	78	084	01	2270	-22	77	004	01	2768	-24	75	145	01
26	1321	-22	70	314	02	1766	-23	70	334	02	2240	-24	70	340	01	2738	-26	69	004	01
27	1327	-24	78	360	03	1769	-25	78	013	03	2250	-26	79	026	03	2734	-28	78	024	03
28	1381	-24	86	006	13	1822	-25	79	060	19	2288	-26	79	053	10	2788	-27	78	052	10
29	1430	-23	73	028	10	1875	-23	72	041	10	2350	-24	72	039	12	2847	-26	72	048	09
30	1424	-17	52	040	08	1878	-18	66	040	09	2370	-20	70	048	10	2868	-22	67	048	14
MN	1374	-20	57	282	03	1823	-21	56	*		2303	-23	56	*		2800	-25	54	280	03

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ALERT, N.W.T.
APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3761	-31	0	57	150	19	5041	-34	8	53	148	20	6574	-42	0	157	23	8473	-53	6	150	27
02	3794	-29	8	31	153	25	5071	-38	4	31	159	31	6577	-47	2	161	39	8449	-54	5	164	34
03	3778	-34	3	A21	191	31	5033	-41	6		188	35	6520	-48	4	189	37	8405	-48	0	185	29
04	3770	-26	6	A19	187	17	5066	-34	1	49	190	27	6599	-44	5	184	29	8470	-55	9	182	27
05	3778	-31	9	59	199	15	5044	-39	9	53	188	19	6538	-49	3	183	25	8393	-52	4	186	23
06	3789	-32	0	A20	206	10	5054	-40	2		203	06	6548	-47	9	206	12	8433	-51	8	208	20
07	3815	-37	9	51	219	23	5051	-44	8		222	24	6521	-50	4	226	27	8417	-45	0	238	20
08	3753	-42	9		240	19	4971	-47	5		245	22	6449	-45	0	251	26	8386	-42	4	260	15
09																						
10	4005	-27	3	40	326	19	5302	-34	0	35	931	25	6833	-44	0	332	30	8702	-57	5	339	30
11	4052	-23	9	77	303	18	5362	-32	1	70	311	21	6910	-40	4	303	25	8812	-54	7	310	27
12	4043	-22	5	65	288	15	5360	-31	2	52	301	19	6904	-43	1	316	26	8789	-55	9	324	32
13	3990	-30	3	A20	306	18	5269	-36	9	A22	312	25	6813	-36	6	A22	315	51	8760	-46	5	311	52
14	4111	-24	3	50	329	13	5422	-30	7	40	332	18	6979	-39	8	A22	326	25	8890	-52	8	327	23
15	4046	-22	2	27	266	20	5363	-31	0	A20	279	25	6916	-40	5		284	31	8816	-53	5	290	30
16	4041	-24	3	A18	300	07	5348	-32	9	A20	297	14	6879	-45	3		294	19	8766	-53	4	290	36
17																						
18	3947						5202	-42	7				6678	-51	4			8547	-49	7		
19	3976	-33	8	A21	007	15	5235	-41	0		005	33	6724	-49	4	004	37	8591	-51	1	003	18
20	4016	-28	9	A19	054	05	5294	-39	1	A22	066	06	6794	-46	2	028	21	8658	-55	4	018	25
21	3997	-28	1	33	355	06	5224	-36	3	A21	357	10	6739	-46	4	002	15	8609	-55	0	010	19
22	3905	-28	9	76	250	12	5184	-37	7	70	245	10	6683	-48	8	246	14	8539	-55	3	254	11
23	3881	-31	3	33	237	07	5151	-39	4	32	226	12	6643	-50	5	230	16	8499	-50	3	216	11
24	3869	-32	6	54	225	04	5131	-39	6	66	225	08	6623	-49	5	215	10	8487	-50	5	214	10
25	3879	-32	1	69	206	05	5144	-40	3		205	18	6635	-49	6	201	13	8507	-48	7	205	11
26	3853	-32	4	54	000	00	5118	-40	5		194	01	6606	-49	5	000	00	8488	-48	3	168	03
27	3826	-33	9	73	021	04	5082	-42	0		026	04	6562	-49	0	037	05	8451	-47	2	041	04
28	3861	-33	5	62	059	04	5121	-41	0		064	04	6607	-50	7	046	04	8486	-48	0	053	07
29	3918	-33	7	54	057	14	5176	-41	4		055	20	6662	-50	2	054	24	8537	-48	1	046	16
30	3969	-30	3	69	052	20	5246	-37	9	55	054	23	6756	-46	8	051	32	8628	-53	5	055	30
MN	3906	-30	4	45	*		5181	-38	2	42	246	04	6688	-46	5	22	272	05	8571	-51	4	* 285	06

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11064	-51	0		166	17	12926	-54	5		168	08	15528	-55	3		173	08	17807	-56	1		240	04
02	11083	-50	4		142	09	12959	-51	4		000	00	15571	-53	5		282	05	17850	-56	6		000	00
03	11074	-48	9		201	18	12953	-51	5		181	08	15567	-55	4		295	06	17832	-57	6		261	04
04	11110	-49	5		188	19	12998	-49	1		185	15	15635	-53	2		196	14	17931	-55	0		220	08
05	11057	-49	1		190	12	12951	-49	9		189	14	15599	-52	9		190	07	17897	-54	4		133	05
06	11089	-48	5		207	11	12971	-50	9		189	11	15619	-51	6		202	10	17935	-53	4		178	04
07	11128	-43	4		245	16	13039	-47	0		246	08	15692	-51	9		288	05	18000	-51	9		000	00
08	11127	-46	4		288	11	13050	-46	7		274	10	15717	-49	2		288	09	18040	-52	9		320	07
09																								
10	11311	-48	2		342	14	13208	-47	0		340	15	15871	-51	5		355	15	18193	-50	7		027	11
11	11399	-49	0		331	13	13286	-49	4		334	16	15945	-49	0		336	12	18279	-50	2		345	16
12	11410	-48	8		336	21	13317	-47	3		357	08	15965	-51	9		354	07	18270	-53	2		023	08
13	11478	-43	1		300	22	13393	-48	4		290	13	16029	-49	0		289	11	18351	-51	9		349	04
14	11492	-51	0		313	26	13367	-50	7		000	00	16004	-51	1		045	08	18321	-53	2		098	15
15	11417	-49	5		311	12	13299	-51	0		311	14	15941	-51	3		351	04	18262	-52	0		342	03
16	11390	-48	4		303	19	13285	-48	0		307	11	15948	-50	0		355	04	18275	-51	8		092	06
17																								
18	11231	-45	7																					
19	11259	-47	9		353	12	13167	-45	8		344	06	15851	-48	3		351	07	18182	-51	4		000	00
20	11292	-48	5		009	07	13186	-47	3		360	06	15853	-48	8		013	15	18182	-52	6		000	00
21	11248	-47	9		322	02	13145	-47	0		237	05	15826	-48	0		227	05	18162	-52	4		231	03
22	11189	-47	7		245	06	13090	-47	2		231	11	15767	-48	8		217	07	18110	-49	9		115	03
23	11182	-45	3		204	10	13088	-48	0		222	11	15765	-48	3		202	10	18107	-50	8		238	07
24	11173	-45	9		210	09	13082	-47	3		201	09	15758	-48	1		200	10	18095	-51	0		166	04
25	11196	-46	1		206	07	13108	-47	4		206	10	15780	-49	0		197	06	18114	-50	5		196	04
26	11185	-45	8		202	03	13097	-46	8		185	04	15775	-48	8		189	04	18116	-49	6		194	06
27	11156	-45	1		105	02	13072	-46	5		187	02	15755	-47	4		155	04	18100	-49	4		076	03
28	11186	-44	6		044	04	13105	-46	2		063	01	15787	-48	1		049	03	18133	-49	0		230	05
29	11238	-45	4		000	00	13153	-46	4		038	03	15838	-47	8		041	03	18186	-49	0		029	05
30	11277	-47	8		050	09	13173	-48	2		000	00	15837	-49	7		000	00	18171	-49	7		360	06
MN	11230	-47	5		* 270	05	13128	-48	4		* 252	04	15786	-50	3		* 278	02	18107	-52	1		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3769	-32	1	A20	163	13	5038	-39	0	A22	174	16	6541	-47	5	158	19	8422	-51	6	176	30
02	3766	-32	1	45	181	36	5032	-40	4		169	33	6526	-47	4	162	38	8408	-49	3	168	32
03	3794	-30	4	A20	187	23	5071	-38	3	A22	189	30	6573	-48	6	199	48	8445	-50	9	191	30
04	3779	-29	8	A20	204	14	5056	-38	0	31	191	16	6560	-46	4	192	22	8420	-56	1	185	23
05	3763	-35	6	45	202	17	5013	-42	3		202	15	6501	-49	6	205	18	8388	-47	2	202	21
06	3817	-34	2	63	217	21	5076	-41	2		215	18	6560	-51	7	214	23	8413				
07	3764	-41	5		252	22	4987	-46	8		251	29	6457	-48	9	245	21	8383	-43	3	249	19
08	3732	-46	6		005	07	4940	-46	7		357	07	6426	-44	4	338	10	8375	-41	0	319	15
09	3967	-31	3	54	313	22	5244	-37	0	49	318	32	6764	-44	6	322	38	8637	-53	8	324	29
10	4040	-24	5	27	310	17	5353	-31	1	31	320	20	6898	-42	0	321	25	8777	-58	1	326	29
11	4062	-23	4	A18	318	21	5366	-35	0	A21	331	20	6884	-45	1	329	34	8750	-53	7	323	35
12	3982	-24	1	46	280	24	5290	-32	6	31	284	31	6838	-38	9	38	286	47	8764	-50	4	301	46
13	4066	-25	2	28	342	24	5371	-32	4	33	336	28	6924	-39	0	A22	335	35	8858	-48	9	326	44
14	4111	-21	5	A18	313	14	5436	-28	7	A19	308	19	6998	-39	5	44	312	23	8912	-52	8	320	31
15	4002	-27	6	49	292	15	5291	-35	4	34	288	29	6846	-38	8	A22	284	37	8788	-46	6	291	35
16	3976	-28	7	61	291	03	5256	-37	4	44	298	03	6765	-46	3		281	05	8661	-48	6	277	14
17	3945	-33	6	48	010	10	5203	-41	1		003	13	6693	-50	0		360	17	8573	-49	0	342	17
18	3940	-33	7	37	335	23	5202	-40	7		331	30	6680	-50	7		343	28	8554	-50	3	345	25
19	4013	-30	8	43	011	15	5286	-37	9	49	010	31	6794	-46	0		013	33	8663	-55	3	008	33
20	3975	-28	7	33	041	06	5256	-37	5	A22	043	08	6759	-47	8		038	08	8621	-55	8	023	18
21	3931	-27	3	74	319	08	5219	-36	1	69	325	12	6737	-45	8		310	09	8606	-57	0	305	08
22	3870	-30	0	74	-		5143	-39	0	68	-		6643	-48	6		-		8501	-53	1	-		
23	3875	-31	5	34	215	04	5145	-38	9		218	09	6643	-49	1		211	11	8503	-51	1	210	14	
24	3873	-32	0	56	182	05	5138	-40	2		229	08	6628	-50	3		206	11	8496	-49	2	207	07	
25	3874	-31	7	73	184	06	5142	-39	9	72	188	10	6636	-48	7		185	11	8512	-48	9	195	09	
26	3834	-33	6	71	110	01	5091	-41	6		071	01	6572	-50	6		040	03	8452	-46	9	130	04	
27	3827	-34	2	74	096	01	5078	-43	0		129	03	6556	-49	9		060	06	8442	-47	6	059	06	
28	3883	-33	6	74	044	10	5144	-40	6		049	11	6633	-50	6		044	11	8499	-49	0	043	09	
29	3950	-31	5	69	045	16	5213	-41	4		046	21	6698	-49	9		050	27	8573	-49	9	052	21	
30	3987	-28	6	39	048	17	5271	-36	2	34	049	19	6793	-45	3		045	23	8657	-56	9	046	19	
MN	3906	-31	0	47	*		5178	-38	5	38	* 296	06	6684	-46	7	32	* 299	07	8568	-50	8	* 309	08	

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11059	-50	3		165	16	12926	-52	8		163	10	15530	-53	4		173	06	17801	-56	9		214	03
02	11076	-49	4		154	15	12949																	
03	11102	-48	0		190	22	12984	-50	6		174	16	15613	-53	3		199	10	17897	-55	8		230	07
04	11070	-49	9		179	19	12953	-49	5		180	14	15597	-51	1		177	10	17899	-53	6		139	06
05	11074	-47	2		205	15	12965	-48	4		190	14	15621	-51	3		186	07	17931	-51	8		174	02
06																								
07	11123	-45	8		260	11	13038	-46	9		229	13	15683	-51	9		282	10	17986	-54	6		277	06
08	11114	-44	7		306	13	13034	-46	1		305	11	15702	-50	6		320	11						
09	11295	-46	8		331	12	13200	-47	8		344	16	15862	-50	1		360	12						
10	11364	-50	4		336	17	13255																	
11	11400	-46	5		324	15	13316	-48	3		331	18	15969	-49	9		004	17	18300	-50	4		029	10
12	11447	-44	5		309	25	13355	-50	8		351	08	15983	-51	0		345	02	18306	-52	1		002	07
13	11486	-50	4		024	29	13374	-49	2		312	19	16026	-51	7		324	09	18351	-52	1		000	00
14	11482	-52	9		316	18	13354																	
15	11466	-46	2		300	14	13367	-47	1		306	09	16043	-49	4		958	05	18375	-50	0		339	02
16	11340	-47	0		310	12	13247	-46	6		304	07	15924	-49	1		938	03	18254	-51	3		033	04
17	11263	-45	4		315	10	13183																	
18	11235	-45	8		316	14	13156	-45	0		339	08	15844	-48	2		331	03	18186	-51	5		000	00
19	11303	-48	4		230	02	13203	-46	9		357	11	15883	-47	9		954	04	18203	-52	1		111	13
20	11259	-48	8		360	04	13153	-47	4		273	01												
21	11241	-48	4		261	04	13140	-46	2		262	06	15825	-47	3		217	06	18169	-50	5		220	03
22	11171	-46	5		-		13077	-47	7		-		15760				-		18100	-50	5		-	
23	11184	-46	5		209	08	13087	-47	9		205	08	15760	-48	3		192	09	18095	-50	6		162	06
24	11184	-46	0		205	07	13093	-47	2		205	10	15768	-49	6		205	06	18102	-50	3		181	08
25	11212	-45	1		199	07	13128	-46	5		200	03	15807	-48	6		196	05	18146	-49	7		000	00
26	11160	-44	8		150	04	13078	-46	5		179	05	15755	-49	0		157	04	18097	-48	3		179	02
27	11146	-45	3		056	03	13058	-46	4		000	00	15736	-49	0		079	03	18073	-49	7		184	03
28	11201	-44	9		048	06	13120	-46	4		045	04	15803											
29	11254	-46	0		055	10	13157	-47	9		050	04	15826	-48	7		186	02	18172	-48	7		000	00
30	11280	-48	2		036	04	13171	-49	0		144	02	15833	-48	9		000	00	18172	-49	6		036	03
MN	11241	-47	2		* 295	03	13142	-47	8		* 270	03	15798	-49	9		* 272	02	18125	-51	4		*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ALERT, N.W.T.
APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19936	-58	1	290	06	23131	-61	0	281	05	25636	-62	5	290	06					
02	19972	-59	2	275	06	23161	-60	6	276	05	25683	-61	1	276	09					
03	19948	-59	4	264	05	23127	-62	1	340	04	25636	-59	9	345	04					
04	20064	-58	4	230	09	23253	-61	3	190	06	25773	-60	9	000	00					
05	20042	-57	2	193	04	23257	-59	4	320	03	25783	-60	4	047	03					
06	20084	-54	5	160	04	23308	-58	9	000	00										
07	20161	-54	8	000	00	23412	-57	6	270	03	25969	-58	2	000	00					
08	20206	-53	5	347	05	23462														
09																				
10	20376																			
11	20466	-52	3	035	12	23714	-59	7	050	20	26246	-59	0	044	29					
12	20437	-53	4	055	11	23684	-58	1	051	17	26225	-60	4							
13	20525	-53	7	001	07	23778	-56	7	055	12	26344	-57	6	097	20					
14	20491	-54	1	357	11	23733	-57	9	075	14	26289	-57	9	069	18					
15	20430	-54	6	064	06	23678	-56	2	108	19	26265	-56	0							
16	20450	-53	6	090	03	23714	-54	5	108	25	26312	-54	3	100	08					
17																				
18																				
19	20354	-54	2	028	11	23636	-53	2	150	09	26260	-50	7	108	08					
20	20354	-53	2	000	00	23645	-52	5	121	06										
21	20343	-52	0	000	00	23651	-51	9	164	08	26292	-49	2							
22	20298	-51	8	175	07	23623	-50	6	162	07	26279	-48	4							
23	20303	-49	5	227	12	23698	-50	0	187	08	26292	-48	9	186	11					
24	20290	-50	0	197	05	23635	-49	0	179	13	26305	-47	8	174	15					
25	20309	-48	9	189	08	23651	-49	5	167	07	26322	-48	6	186	18					
26	20319	-49	8	000	00	23662	-49	6	192	03	26340	-46	0							
27	20304																			
28	20345	-48	9	027	02	23703	-47	6	210	03										
29	20397	-48	1	214	05															
30	20377	-49	0	050	03	23733	-49	0	000	00	26403	-47	0	227	09					
MN	20281	-53	3	*	347	01	23541	-55	1	*	117	04	26133	-54	7	*			*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	Surface Synoptic Data ww	Surface Synoptic Data $p_0 p_0 p$	Freezing Levels Lowest Code	Freezing Levels Lowest Alt. gpkm.	Freezing Levels Lowest Pres mb.	Freezing Levels Highest Alt. gpkm.	Freezing Levels Highest Pres mb.	Tropopause (1) Code	Tropopause (1) Alt. gpkm.	Tropopause (1) Pres mb.	Tropopause (1) Temp. °C	Tropopause (1) σ °A	Tropopause (2) Code	Tropopause (2) Alt. gpkm.	Tropopause (2) Pres mb.	Tropopause (2) Temp. °C	Tropopause (2) σ °A	Max. Wind Level Code	Max. Wind Level Alt. gpkm.	Max. Wind Level Pres mb.	Max. Wind Level Velocity deg.	Max. Wind Level Velocity mps.
01	30940	02	208	0					1	09 46	256	-57	2 318	2	11 85	177	-52	4 362	9	07 87	329	154	30
02	00900	02	001	0					1	08 97	303	-54	6 308	1	09 98	297	-53	4 332	9	07 86	328	159	50
03	00900	02	101	0					1	07 15	364	-50	5 298	1	15 76	097	-56	3 422	9	06 77	385	186	38
04	00900	02	715	0					2	08 12	316	-55	4 303	0					9	06 55	404	184	30
05	00900	02	717	0					1	07 92	322	-56	6 299	1	13 64	135	-53	0 390	9	07 59	341	192	28
06	10931	02	503	0					1	08 22	310	-52	3 309	1	11 71	182	-50	5 362	9	09 60	251	205	24
07	50950	03	614	0					2	06 11	426	-50	3 285	1	10 49	220	-48	5 346	9	06 11	426	224	28
08	75700	02	716	0					2	04 73	519	-47	4 262	1	11 15	199	-46	6 359	9	05 85	438	250	27
09																							
10	80830	36	810	0					1	09 03	285	-59	3 307	1	15 20	111	-51	8 415	8	07 86	344	333	36
11	25501	02	707	0					1	09 96	250	-59	7 317	0					1	26 66	019	040	30
12	80910	02	707	0					1	09 16	283	-57	4 309	1	15 05	115	-52	1 410	9	08 30	325	321	33
13	75700	71	232	0					2	08 40	316	-46	3 316	1	14 58	125	-53	2 398	9	08 62	306	311	55
14	00900	02	729	0					1	09 28	283	-55	2 313	0					9	12 96	159	314	38
15	20870	02	010	0					1	09 57	265	-57	9 315	0					9	08 12	334	286	35
16	00901	02	808	0					1	09 30	275	-55	1 315	0					9	09 16	282	292	40
17	857--	02	211	0					0					0					0				
18	00900	02	102	0					1	07 23	367	-52	8 293	0					0				
19	00900	02	203	0					1	07 94	332	-55	1 302	0					9	06 61	406	002	40
20	00900	02	716	0					1	08 35	315	-56	6 302	2	17 74	075	-52	5 469	9	07 80	343	019	27
21	60970	02	400	0					1	08 42	308	-55	1 305	0					9	08 16	324	010	24
22	857--	02	803	0					1	08 36	309	-55	5 304	0					9	07 24	369	250	18
23	874--	02	207	0					1	07 34	359	-55	2 292	0					9	07 64	343	222	25
24	00900	02	400	0					1	07 50	349	-54	4 295	0					9	23 80	029	185	16
25	00900	02	701	0					1	07 28	363	-53	0 294	0					9	26 20	020	186	19
26	00900	02	808	0					2	06 61	400	-49	5 291	0					9	21 70	040	184	13
27	00900	02	202	0					2	06 06	431	-49	0 285	0					8	00 70	924	955	06
28	00900	02	214	0					1	07 30	360	-52	0 296	0					8	21 76	040	219	11
29	8091-	71	215	0					1	07 29	364	-52	4 295	0					9	06 90	385	056	24
30	00900	02	805	0					2	07 78	341	-52	5 300	0					9	08 10	326	052	39
MEAN										07 94	335	-55	8 301		13 38	192	-51	8 387					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19928	-58	0	269	04	23130	-61	0	264	04	25638	-62	2	286	04					
02																				
03	20029	-58	0	266	06	23226	-60	7	010	04	25751	-60	1	056	04					
04	20030	-59	3	173	07	23212	-61	5	206	06										
05	20083	-56	9	150	07	23306														
06																				
07	20138	-55	1	001	09	23381	-57	2	046	05	25935	-59	1	051	03					
08																				
09																				
10																				
11	20488	-52	4	034	12	23757	-57	1	019	23	26300	-60	7	059	27					
12	20473	-54	5	066	06	23719	-57	8	044	13										
13	20524	-53	2	079	11	23803	-55	6	078	11	26372	-58	3	064	19	30766	-54	3		
14																				
15	20564	-52	4	095	08	23842	-54	8	100	17	26445	-53	3	109	12					
16	20431	-53	5	088	06	23705	-54	1	105	14	26311	-53	1							
17																				
18	20359	-53	7	356	14	23639	-53	3	101	16	26264	-50	5	069	14					
19	20372	-53	9	026	12	23667	-51	7	068	09	26297	-50	8	140	12					
20																				
21	20354	-51	4	139	04	23675	-49	4	175	07	26332	-48	4	145	14					
22	20294	-50	8	187	09	23628	-48	9	167	08	26292	-48	5	180	12					
23	20289	-49	8	199	12	23627	-49	9	174	14	26297	-47	3	155	12					
24	20300	-50	6	162	04	23639	-49	5	174	09										
25	20348	-49	8	182	04	23694	-49	0	173	05	26367	-46	8	171	09					
26	20299	-49	6	211	02	23642	-49	5	177	07	26308	-47	1	166	10					
27	20274	-50	0	000	00	23616	-49	2	178	05	26284	-47	7	179	06					
28																				
29	20382	-50	1	206	09	23739	-46	6	215	06										
30	20377	-50	1	112	06	23739	-47	7	211	03										
MN	20302	-53	0	*	105	02	23590	-53	2	*	109	04	26213	-52	9	*			*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	Surface Synoptic Data ww	Surface Synoptic Data $p_0 p_0 p$	Freezing Levels Lowest Code	Freezing Levels Lowest Alt. gpkm.	Freezing Levels Lowest Pres mb.	Freezing Levels Highest Alt. gpkm.	Freezing Levels Highest Pres mb.	Tropopause (1) Code	Tropopause (1) Alt. gpkm.	Tropopause (1) Pres mb.	Tropopause (1) Temp. °C	Tropopause (1) σ °A	Tropopause (2) Code	Tropopause (2) Alt. gpkm.	Tropopause (2) Pres mb.	Tropopause (2) Temp. °C	Tropopause (2) σ °A	Max. Wind Level Code	Max. Wind Level Alt. gpkm.	Max. Wind Level Pres mb.	Max. Wind Level Velocity deg.	Max. Wind Level Velocity mps.
01	00900	02	704	0					1	08 32	305	-52	1 310	1	10 17	229	-53	2 335	9	07 52	345	170	91
02	00900	38	241	0					1	07 67	336	-51	6 303	0					6	07 42	349	161	39
03	00901	10	727	0					1	07 28	360	-52	0 296	1	12 56	165	-51	3 371	9	06 72	391	196	51
04	00901	02	224	0					2	08 14	313	-57	7 301	2	18 88	060	-58	0 480	9	07 58	342	181	26
05	00901	02	208	0					1	06 82	381	-51	4 292	2	18 59	063	-54	8 481	9	07 67	394	208	21
06	00906	02	104	0					6	07 42	350	-56	1 293	0					4	00 07	007	225	28
07	00907	02	214	0					2	05 28	478	-48	1 278	1	11 40	192	-46	9 365	9	04 99	500	251	30
08	40920	02	238	0					1	04 02	575	-47	3 264	1	11 66	185	-46	1 367	8	08 67	287	319	15
09	20948	36	809	0					1	08 23	320	-55	4 302	0					8	07 80	342	318	40
10	8087-	36	809	0					1	09 01	289	-60	2 304	0					6	08 14	333	323	30
11	857--	02	309	0					1	08 40	317	-55	3 303	1	14 11	133	-51	4 394	9	08 65	305	323	57
12	49720	02	355	0					1	08 93	293	-51	1 316	1	13 59	145	-52	3 384	9	09 10	285	300	47
13	864--	02	105	0					1	09 57	268	-52	6 322	0					9	09 90	255	327	53
14	00900	02	710	0					1	10 16	247	-59	5 319	0					6	08 79	307	319	32
15	20981	02	219	0					1	09 60	264	-50	0 326	0					9	07 27	377	288	39
16	894--	40	204	0					1	08 12	327	-49	2 308	0					9	25 05	024	072	24
17	10810	02	400	0					1	07 28	366	-51	3 296	0					6	06 80	394	360	18
18	00900	02	207	0					2	06 68	400	-50	7 289	0					9	06 08	439	342	40
19	00900	02	709	0					1	08 43	311	-56	1 303	0					9	08 25	320	008	58
20	00900	02	708	0					1	08 36	314	-56	2 302	0					7	08 34	315	024	20
21	00901	02	706	0					1	08 80	292	-58	1 306	0					1	26 67	019	196	17
22	67410	77	207	0					1	07 68	342	-54	7 297	0					1	26 99	018	159	13
23	86400	02	202	0					1	07 60	345	-55	0 296	0					9	27 08	018	171	20
24	00900	02	101	0					1	07 29	362	-53	6 294	0					9	07 18	367	205	14
25	00900	02	501	0					1	07 30	362	-51	7 297	0					9	07 15	370	187	16
26	00908	02	602	0					2	06 57	400	-50	6 289	0					1	27 51	017	172	11
27	00900	02	204	0					2	06 56	400	-49	9 290	0					9	06 80	385	050	08
28	30910	77	208	0					1	07 37	357	-53	8 294	0					7	01 87	794	061	20
29	56500	77	201	0					1	07 35	362	-52	4 295	0					9	06 27	426	046	28
30	00908	02	717	0					1	08 85	291	-57	6 307	0					9	07 47	363	047	27
MEAN										07 77	344	-53	4 300		13 85	147	-51	8 397					

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ALERT, N.W.T.
MAY 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	1000 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	950 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	900 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1012	-19	74	000	00	0153	-14	69	000	00	0550	-12	63	310	04	0959	-12	57	332	10
02	1007	-17	48	000	00	0118	-17	53	000	00	0490	-16	72	296	03	0909	-18	76	313	10
03	1009	-12	68	225	06	0106	-12	69	231	06	0490	-14	74	296	03	0903	-17	78	315	08
04	1005	-15	57	000	00	0104	-15	58	000	00	0490	-17	67	335	04	0894	-19	74	308	05
05	1015	-19	66	000	00	0180	-17	64	000	00	0570	-15	59	219	03	0976	-16	57	206	03
06	1014	-17	52	000	00	0170	-15	53	000	00	0570	-15	49	006	03	0967	-15	45	072	04
07	1014	-19	59	000	00	0173	-18	56	000	00	0570	-14	46	000	00	0970	-14	38	032	01
08	1011	-17	50	000	00	0147	-16	52	000	00	0540	-14	51	077	04	0950	-09	A15	102	07
09	1007	-14	65	000	00	0116	-14	66	000	00	0500	-16	73	280	02	0912	-15	77	296	06
10	1006	-13	64	000	00	0111	-13	65	000	00	0500	-11	59	000	00	0919	-11	52	000	00
11	1002	-15	59	000	00	0078	-14	59	000	00	0470	-10	56	114	03	0888	-09	43	122	05
12	1001	-16	47	000	00	0073	-16	47	000	00	0480	-14	50	360	02	0875	-09	50	046	05
13	1002	-16	61	315	03	0080	-16	61	303	03	0470	-17	75	238	02	0874	-11	74	026	05
14	1006	-14	72	270	03	0111	-14	73	279	03	0500	-18	81	340	04	0908	-10	86	048	06
15	1009	-14	65	360	06	0133	-15	66	360	06	0510	-18	75	026	04	0922	-13	82	060	07
16	1007	-13	69	360	08	0119	-13	71	359	07	0510	-16	79	002	07	0912	-16	86	035	06
17	1010	-13	71			0141	-13	72			0530	-17	78			0935	-13	81		
18	1011	-13	68	135	04	0148	-14	72	142	04	0540	-17	85	165	04	0948	-09	95	195	06
19	1019	-14	50	225	05	0208	-15	60	250	03	0600	-16	83	254	02	1004	-13	68	221	02
20	1014	-12	69	360	04	0172	-13	73	356	04	0560	-16	87	354	04	0963	-13	91	004	04
21	1014	-10	55	270	03	0170	-09	57	279	02	0570	-10	63	345	02	0981	-11	69	266	02
22	1003	-08	91	000	00	0089	-09	72	000	00	0490	-09	74	101	03	0901	-11	72	100	06
23	0999	-11	68	270	05	0058					0450	-12	82	360	07	0862	-14	86	001	09
24	1001	-12	65	360	08	0074	-12	65	360	08	0460	-16	73	353	06	0867	-19	82	342	06
25	1003	-13	65	315	08	0090	-13	66	328	07	0480	-14	72	002	05	0886	-18	78	014	04
26	1004	-12	60	360	08	0097	-12	61	360	08	0480	-15	72	003	05	0891	-18	83	347	07
27	1004	-12	74	360	09	0098	-13	74	360	09	0480	-16	79	347	08	0891	-16	84	351	09
28	1003	-08	69	360	09	0089	-08	67	359	09	0470	-11	86	339	06	0897	-12	86	360	07
29	1002	-05	66	000	00	0078	-05	66	000	00	0470	-07	73	232	04	0897	-10	80	220	03
30	1009	-06	63	225	09	0140	-06	64	226	10	0540	-08	78	224	10	0956	-11	73	223	09
31	1021	-07	78	315	06	0229	-08	80	271	05	0630	-09	84	236	05	1041	-12	78	229	04
MN	1008	-13	63	*		124	-13	64	*		515	-14	71	*		924	-13	70	*	

CONSTANT PRESSURE DATA — 00 GMT.

Day	850 MBS Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	800 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	750 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	700 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1394	-14	35	329	11	1853	-15	26	337	08	2340	-18	41	351	09	2849	-21	98	349	08
02	1333	-20	76	320	12	1781	-23	76	325	12	2250	-25	77	336	09	2751	-27	77	330	10
03	1328	-20	83	320	11	1775	-22	83	330	13	2250	-23	83	346	10	2751	-24	82	352	08
04	1317	-21	74	309	08	1765	-22	76	322	08	2250	-23	76	012	04	2743	-25	77	040	04
05	1405	-17	57	207	03	1859	-19	57	140	01	2340	-21	57	093	03	2843	-23	46	084	07
06	1399	-14	34	104	04	1857	-16	27	112	03	2320	-18	A17	113	03	2849	-21	A18	086	05
07	1404	-14	30	070	01	1863	-16	A17	086	01	2340	-17	A17	082	01	2861	-19	A17	004	01
08	1392	-08	A15	109	06	1861	-10	A15	128	04	2350	-11	A16	151	05	2883	-13	56	175	05
09	1344	-15	81	279	07	1807	-12	75	225	09	2310	-13	36	223	08	2823	-15	30	211	10
10	1356	-13	56	346	03	1818	-13	53	314	04	2300	-11	38	268	06	2838	-13	A16	256	08
11	1331	-08	35	104	01	1803	-07	30	010	02	2310	-09	35	335	03	2833	-12	31	325	02
12	1317	-08	45	077	05	1789	-07	32	076	04	2290	-08	A15	072	04	2824	-10	A16	070	05
13	1312	-10	62	096	11	1780	-09	48	096	06	2290	-09	49	090	06	2811	-11	A16	088	06
14	1348	-10	63	074	08	1814	-11	31	075	10	2320	-11	A16	071	08	2834	-14	A16	069	08
15	1357	-12	73	066	09	1822	-11	63	073	09	2330	-13	58	082	09	2838	-14	53	086	08
16	1346	-13	86	062	06	1812	-09	48	071	07	2310	-10	34	074	07	2840	-11	A16	084	07
17	1372	-11	55			1840	-08	31			2340	-09	32			2870	-12	39		
18	1390	-08	48	199	04	1861	-08	42	185	03	2330	-10	48	162	02	2887	-12	54	100	02
19	1439	-13	50	179	02	1903	-13	31	167	02	2390	-14	A16	143	03	2914	-16	A17	149	03
20	1398	-13	78	015	04	1860	-13	58	057	03	2330	-14	41	044	03	2870	-15	58	058	04
21	1417	-13	74	310	04	1876	-15	80	334	05	2360	-17	82	346	04	2876	-20	80	351	02
22	1339	-12	68	120	06	1802	-13	52	123	04	2300	-15	61	112	04	2810	-17	46	138	02
23	1295	-14	91	023	09	1757	-14	89	054	09	2250	-16	85	053	08	2760	-19	77	041	07
24	1290	-18	87	338	07	1747	-16	93	013	02	2230	-19	89	041	03	2739	-22	86	033	03
25	1311	-21	83	002	07	1761	-19	83	358	03	2250	-20	82	333	02	2749	-21	81	339	03
26	1318	-17	88	010	05	1774	-17	81	135	03	2260	-18	73	164	03	2769	-20	67	178	05
27	1325	-12	64	049	06	1791	-09	30	096	05	2290	-10	A15	120	06	2817	-13	A16	138	06
28	1336	-09	6	035	09	1805	-06	8	070	07	2310	-08	1	082	07	2839	-10	92	095	09
29	1334	-12	86	360	01	1799	-12	89	292	01	2290	-14	88	096	06	2811	-16	85	082	05
30	1393	-13	78	174	05	1852	-16	84	197	02	2340	-18	89	208	02	2854	-16	84	205	07
31	1475	-13	63	195	03	1941	-12	54	190	01	2440	-14	48	204	02	2954	-16	93	182	03
MN	1359	-13	64	* 20	02	1820	-13	55	*		2310	-15	50	*		2829	-17	49	* 73	02

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	1000 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	950 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	900 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1008	-16	74	300	04	0126	-16	74	312	06	0510	-18	77	335	07	0914	-18	80	326	08
02	1008	-15	74	270	04	0126	-16	74	270	04	0490	-18	76	280	04	0912	-20	77	312	08
03	1002	-13	78	315	06	0083	-13	78	312	06	0470	-16	80	309	05	0877	-18	84	302	04
04	1013	-19	57	270	02	0162	-18	57	262	02	0550	-17	62	230	02	0949	-19	69	215	03
05	1015	-19	96	270	02	0179	-16	58	221	02	0570	-16	58	095	03	0972	-17	54	081	04
06	1015	-17	43	225	02	0178	-16	46	305	02	0580	-15	50	115	02	0973	-14	43	120	02
07	1013	-18	96	000	00	0163	-17	52	000	00	0550	-14	67	096	03	0961	-12	40	092	04
08	1006	-17	66	225	05	0111	-18	67	246	05	0500	-14	63	342	05	0911	-09	35	043	06
09	1008	-16	72	000	00	0122	-15	63	000	00	0510	-14	67	149	01	0920	-14	72	204	01
10																				
11	1001	-18	68	000	00	0070	-18	68	000	00	0460	-14	71	010	01	0870	-09	66	067	04
12	1001	-16	62	260	05	0073	-17	63	262	05	0460	-19	77	351	02	0870	-10	68	058	04
13	1004	-15	79	270	05	0092	-16	79	272	05	0480	-19	81	339	03	0886	-11	82	032	03
14	1008	-19	77	360	05	0126	-16	78	005	04	0510	-19	88	023	04	0917	-12	89	041	06
15	1008	-14	83	010	05	0125	-15	84	009	05	0510	-17	86	009	05	0914	-16	88	040	07
16	1009	-13	70	315	05	0134	-14	71	-		0510	-17	76	-		0925	-16	80	-	
17	1010	-13	71	000	00	0142	-14	73	000	00	0520	-18	84	265	01	0938	-11	78	225	03
18	1015	-15	60	260	02	0178	-17	63	262	02	0570	-11	68	236	06	0985	-09	41	212	09
19	1016	-13	69	270	02	0184	-14	72	260	02	0580	-17	80	023	05	0980	-13	79	045	05
20	1014	-13	66	000	00	0174	-14	67	000	00	0580	-14	74	256	02	0973	-13	76	331	06
21	1011	-10	66	290	02	0150	-08	63	290	02	0540	-09	68	115	05	0962	-13	75	129	04
22	0998	-13	73	270	04	0052					0450	-14	89	337	05	0850	-12	81	052	10
23	1001	-13	72	315	04	0077	-13	72	321	04	0470	-15	75	004	06	0871	-17	78	009	09
24	1001	-14	63	360	03	0069	-14	64	360	03	0460	-16	74	003	04	0861	-19	77	005	04
25																				
26	1004	-13	75	023	03	0094	-13	76	023	03	0480	-16	79	352	06	0885	-20	84	008	09
27	1003	-10	71	130	05	0092	-10	72	120	05	0480	-13	77	348	05	0892	-16	86	012	07
28	1002	-07	68	000	00	0080	-07	69	000	00	0470	-10	73	329	06	0891	-11	84	345	08
29	1005	-06	61	250	05	0105	-06	61	246	05	0500	-08	69	236	03	0921	-11	90	245	02
30	1016	-05	60	225	09	0190	-05	59	226	11	0590	-07	62	234	12	1011	-10	67	265	09
31	1019	-08	84	000	00	0208	-09	81	000	00	0610	-10	74	224	01	1020	-11	69	298	01
MN	1008	-14	68	*		126	-14	68	*		516	-15	72	*		925	-14	71	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	850 MBS Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	800 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	750 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	700 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1341	-18	84	320	12	1793	-19	83	324	16	2280	-20	80	320	13	2781	-22	78	310	08
02	1334	-22	78	319	11	1781	-22	79	338	11	2270	-24	80	342	11	2754	-25	78	010	09
03	1302	-20	56	076	05	1793	-10	37	086	07	2300	-11	28	079	08	2816	-13	25	083	07
04	1352	-12	84	055	10	1817	-12	63	065	11	2320	-12	42	069	09	2835	-15	39	068	08
05	1347	-13	84	071	07	1812	-11	49	082	08	2305	-13	34	090	07	2829	-14	A16	094	06
06	1357	-14	79	-		1820	-10	38	-		2330	-10	A15	130	06	2847	-12	A16	124	05
07	1377	-10	40	217	03	1847	-08	37	174	01	2340	-09	36	151	02	2875	-12	39	146	02
08	1428	-09	28	215	04	1895	-11	26	195	03	2390	-13	25	167	04	2910	-15	25	105	04
09	1415	-13	66	076	03	1877	-13	51	100	02	2370	-13	35	088	04	2891	-15	28	092	05
10	1407	-14	68	292	06	1869	-14	60	300	06	2370	-15	47	300	06	2876	-17	35	297	03
11	1396	-14	76	128	04	1855	-15	79	121	04	2330	-17	80	105	03	2854	-20	77	129	03
12	1286	-13	75	073	12	1748	-14	68	070	09	2250	-16	60	066	06	2753	-17	51	000	00
13	1299	-17	80	359	08	1755	-15	83	036	07	2240	-19	81	069	03	2748	-23	77	037	05
14	1283	-21	81	355	05	1736	-17	83	360	05	2230	-19	83	005	05	2726	-23	82	009	05
15																				
16	1312	-15	77	060	09	1774	-13	52	085	08	2280	-15	32	104	06	2782	-18	30	114	06
17	1328	-10	77	049	06	1799	-08	42	076	06	2300	-07	44	099	07	2835	-10	29	121	08
18	1329	-11	89	019	07	1796	-09	89	068	10	2310	-10	90	079	12	2825	-13	89	068	12
19	1357	-13	76	221	02	1816	-15	76	126	06	2310	-14	69	111	10	2827	-16	65	110	08
20	1447	-13	67	191	08	1909	-15	66	195	05	2410	-14	84	220	05	2917	-17	65	250	04
21	1458	-09	50	076	02	1927	-10	28	029	01	2430	-11	A16	305	03	2949	-13	A16	285	04
MN	1358	-14	65	* 43	03	1819	-14	55	*		2316	-15	49	*		2828	-17	45	* 87	02

A \ *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ALERT, N.W.T.
MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3974	-27	4	75	351	08	5265	-35	2	70	004	09	6788	-45	4		352	06	8666	-54	5		011	11
02	3849	-32	6	74	333	10	5111	-40	5		348	12	6613	-46	3		355	11	8528	-45	5		006	09
03	3865	-29	1	81	351	09	5149	-37	7	77	360	15	6649	-48	0		011	22	8533	-49	1		022	28
04	3850	-31	4	77	048	06	5116	-39	7	76	036	07	6614	-47	4		045	09	8534	-43	3		036	12
05	3957	-29	0	29	094	16	5239	-37	5	31	074	21	6743	-48	7		074	16	8629	-47	4		075	21
06	3968	-27	5	A19	089	07	5250	-36	5	A22	090	12	6760	-46	4		077	18	8660	-47	9		083	11
07	3991	-26	5	A19	316	02	5285	-38	3	A21	036	02	6804	-46	0		027	04	8707	-47	2		252	13
08	4038	-20	2	58	211	07	5366	-28	6	45	235	14	6925	-40	8		234	19	8823	-55	5		240	26
09	3976	-22	0	A18	210	16	5291	-31	2	A20	209	22	6842	-41	6		200	24	8755	-48	3		202	20
10	3995	-20	3	A17	248	12	5325	-28	2	A19	248	17	6888	-40	0	A22	234	18	8794	-53	1		231	14
11	3994	-19	0	A17	226	05	5325	-29	0	A19	251	08	6881	-41	0		248	10	8778	-55	1		254	13
12	3994	-18	0	A17	093	02	5334	-26	9	A19	223	05	6903				244	09	8806	-55	0		267	14
13	3976	-19	0	25	077	03	5312	-27	8	28	078	02	6876	-40	0	33	312	02	8773	-56	0		003	07
14	3986	-21	8	A18	053	07	5306	-30	4	A20	040	10	6856	-42	3		040	14	8753	-52	0		039	12
15	3989	-21	5	30	125	04	5309	-31	0	A20	109	07	6853	-42	9		104	06	8742	-51	7		116	07
16	4004	-18	9	A17	085	06	5336	-28	8	44	096	07	6900	-38	5	61	119	07	8819	-52	8		139	05
17	4029	-20	4	48			5354	-29	9	47			6908	-40	5				8807	-54	6			
18	4045	-20	8	53	078	05	5367	-29	8	60	105	05	6922	-40	3		093	06	8822	-55	0		092	08
19	4060	-23	1	A18	098	06	5372	-31	8	A20	096	11	6909	-44	0		089	10	8791	-52	0		092	13
20	4020	-21	9	53	053	06	5332	-33	0	39	062	06	6870	-43	1		080	13	8773	-48	7		089	07
21	4010	-24	5	41	227	03	5315	-32	8	49	215	02	6855	-42	0		124	06	8761	-47	9		055	04
22	3954	-23	2	A18	057	01	5269	-31	1	A20	041	03	6821	-40	8		035	08	8733	-47	8		029	10
23	3897	-24	6	36	032	06	5206	-30	9	A20	027	16	6764	-39	6	A22	016	14	8676	-49	2		017	17
24	3863	-26	3	73	088	05	5155	-34	8	63	084	07	6679	-45	2		102	05	8583	-45	2		081	07
25	3872	-27	7	77	044	02	5160	-36	3	72	046	02	6674	-46	5		110	02	8598	-41	5		084	05
26	3896	-26	9	57	151	05	5186	-35	1	52	193	07	6703	-45	8		200	12	8628	-40	7		189	08
27	3974	-20	5	A18	152	12	5299	-29	9	43	162	13	6851	-41	9		164	15	8769	-44	5		168	26
28	4011	-17	7	86	081	10	5351	-27	2	79	072	09	6923	-37	8	76	067	10	8872	-44	4		063	11
29	3952	-24	3	73	096	06	5254	-34	5	72	112	07	6777	-44	6		132	06	8717	-39	6		098	09
30	4002	-23	0	58	173	03	5311	-32	7	64	138	07	6848	-43	7		125	09	8772	-42	8		128	07
31	4099	-22	7	45	211	04	5414	-31	9	56	218	05	6953	-43	0		282	05	8853	-49	0		145	04
MN	3971	-23	6	43	*		5279	-32	5	43	* 86	02	6818	-43	1	43	* 83	02	8724	-48	9		* 77	02

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3897	-29	4	74	285	09	5178	-37	2	71	282	13	6699	-44	2		265	16	8582	-50	2		283	14
02	3857	-32	1	59	018	15	5133	-37	4	43	093	27	6650	-44	9		035	28	8549	-48	5		035	23
03	3825	-31	8	78	024	10	5090	-40	7		021	11	6582	-46	1		030	11	8505	-44	0		035	16
04	3901	-32	1	52	348	06	5167	-39	9	33	095	13	6658	-48	9		073	13	8563	-45	9		067	12
05	3960	-28	1	A19	090	18	5245	-37	2	A22	087	19	6750	-47	8		088	25	8634	-48	2		085	16
06	3984	-27	7	A19	081	04	5269	-36	9	A22	077	07	6778	-47	1		072	10	8678	-46	9		081	02
07	4014	-24	1	A18	171	02	5320	-33	1	A20	246	11	6855	-43	1		252	22	8747	-51	2		248	14
08	4025	-18	8	73	184	14	5353	-29	1	75	185	15	6913	-40	0	72	190	24	8828	-51	9		203	25
09	3938	-25	4	37	246	25	5241	-32	8	A20	242	31	6783	-41	6		243	28	8711	-46	0		225	24
10																								
11	3982	-19	6	25	211	03	5315	-28	3	A19	223	06	6875	-40	4		219	12	8776	-53	7		242	19
12	3973	-18	8	A17	150	02	5309	-27	7	35	227	03	6879	-39	5		226	03	8775	-55	6		256	07
13	3973	-20	4	A17	067	05	5301	-29	1	A19	019	05	6855	-41	7		004	08	8742	-55	0		015	12
14	3983	-22	6	A18	073	10	5297	-31	8	A20	066	09	6839	-43	4		063	10	8723	-53	0		063	10
15	3984	-21	3	A18	116	05	5303	-30	8	A20	133	06	6851	-41	6		188	13	8749	-53	9		193	14
16	4009	-19	5	A17	127	06	5337	-29	8	38	120	06	6891	-40	5		116	09	8787	-55	8		105	12
17	4033	-20	9	49	120	03	5354	-30	2	53	092	04	6908	-40	8		086	06	8803	-55	0		081	11
18	4062	-22	1	44	106	06	5377	-31	4	51	108	07	6919	-42	4		089	10	8803	-55	9		086	13
19	4039	-22	8	38	092	07	5350	-32	5	39	094	10	6885	-43	9		084	10	8787	-47	2		086	12
20	4016	-23	7	56	297	02	5325	-32	2	32	032	03	6867	-42	0		074	06	8766	-51	8		070	09
21	3989	-24	6	48	187	01	5296	-32	4	A20	115	02	6838	-42	0		076	06	8749	-48	0		085	08
22	3896	-29	1	33	055	03	5214	-29	9	A20	041	07	6781	-39	4	A22	041	16	8692	-52	5		037	24
23	3871	-26	5	62	086	02	5166	-34	9	38	126	03	6691	-44	4		155	05	8603	-44	6		068	03
24	3844	-27	9	82	039	05	5131	-36	0	75	035	08	6651	-45	9		045	08	8563	-42	8		071	08
25																								
26	3918	-25	2	A18	158	10	5216	-34	5	A21	172	11	6738	-45	6		184	20	8665	-42	4		180	17
27	4008	-17	4	A17	129	07	5349	-26	6	A19	121	10	6930	-35	9	49	147	18	8879	-46	3		129	31
28	3981	-21	5	71	066	13	5304	-27	9	38	058	14	6868	-39	9	A22	074	20	8795	-44	6		069	21
29	3973	-22	2	58	105	09	5287	-32	1	47	094	09	6826	-43	0		100	12	8746	-42	1		102	13
30	4060	-23	0	66	000	00	5370	-32	5	34	110	02	6910	-42	5		124	07	8825	-46	2		141	10
31	4103	-21	3	A18	326	02	5423	-30	8	32	344	04	6968	-42	5		334	05	8865	-49	1		069	01
MN	3969	-23	9	41	*		5277	-32	6	35	* 93	03	6815	-42	8	41	* 103	04	8720	-49	3		* 97	05

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11299	-47	9		357	04	13196	-48	0		326	03	15867	-48	4		331	04	18215	-48	6		226	02
02	11244	-44	8		015	06	13167	-45	8		055	04	15863	-46	7		095	02						
03	11232	-45	5		091	07	13148	-46	2		036	12	15831	-48	4		106	08	18176	-49	0		036	04
04	11277	-42	8		053	09	13213	-44	0		063	09	15919	-46	8		057	09						
05	11334	-44	6		028	07	13252	-47	2															
06	11362	-45	0		111	02	13282	-46	2		000	00	15970	-46	5		207	04	18346	-45	4		194	04
07	11406	-45	8		249	07																		
08	11453	-48	1		235	13	13350	-48	0		222	06	16018	-48	5		231	05	18373	-47	1		220	07
09	11445	-46	4		218	13	13353	-47	0		221	12	16034	-47	9		246	06	18394	-46	3		214	10
10																								
11	11407	-47	1		245	10	13319	-45	6		206	04	16021	-46	7		208	05	18402	-45	2		221	05
12	11429	-47	2		248	06	13345	-45	2		219	03	16058	-44	3		216	04	18450	-44	2		229	05
13	11384	-47	8		222	06	13295	-45	4		019	03	16007	-44	5		076	01						
14	11410	-45	4		225	03	13332	-44	6		180	01	16051	-44	1		210	05						
15	11415	-46	1		179	04	13328	-45	9		177	05	16032	-45	4		186	06	18416	-44	8		206	04
16	11445	-46	0		161	03	13365	-44	4		174	02	16087	-44	3		217	05	18481	-44	1		205	02
17	11432						13341						16054	-44	6				18441	-45	1			
18	11474	-44	8		103	04	13400	-43	8		000	00	16132	-43	8		258	04	18526	-44	2		000	00
19	11489	-43	6		000	00	13425	-43	0		000	00	16155	-44	5		000	00	18542	-44	7		000	00
20	11483	-42	5		043	02	13422	-44	0		003	05	16145	-44	9		349	04	18530	-44	8		314	03
21	11488	-41	5		039	09	13433	-43	4		006	11	16160	-43	7		006	08	18558	-43	0		349	02
22	11458	-42	0		030	06	13407	-42	0		046	03	16146	-43	0		044	04	18548	-43	0		020	05
23	11407	-40	8		031	06	13362	-41	0		048	07	16116	-41	5		033	06	18534	-41	9		107	06
24	11342	-39	1		079	06	13308	-40	6		071	07	16067	-40	6		098	04	18498	-41	1		119	04
25	11372	-39	3		106	04	13340																	
26	11409	-38	9		147	04	13378	-40	5		156	05	16138	-41	0		121	06	18563	-41	4		109	07
27	11510	-41	1		160	09	13461	-41	7		154	06	16202	-42	3		144	11	18611	-44	8		125	07
28	11590	-42	1		097	17	13540	-41	7		144	12	16278	-43	6									
29	11499	-39	3		079	09	13469	-40	8		100	11	16214	-43	3		101	10	18616	-43	8		109	13
30	11546	-38	0		116	10	13523	-39	8		115	08	16279	-41	3		085	06	18704	-40	9		116	08
31	11572	-41	9		130	07	13519	-42	4		121	09	16257	-43	0		158	06	18666	-41	7		131	06
MN	11420	-43	6		* 117	02	13354	-44	0		* 101	02	16078	-44	6		* 130	02	18481	-44	3			

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11264	-44	9		310	08	13181	-46	4		019	03	15863	-47	4		331	03	18218	-48	0		127	07
02	11247	-45	5		030	12	13161	-46	8		051	05	15840	-47	8		071	08	18194	-49	4		075	03
03	11235	-43	9		049	12	13161	-44	5		046	11	15858	-47	0		085	06	18209	-48	6		092	06
04	11281	-44	4		072	08	13201	-46	2		072	06	15885	-47	2		080	06	18242	-48	5		154	04
05	11332	-44	5		080	07	13247	-46	5		080	04	15955	-46	8		124	05	18309	-46	7		155	05
06	11381	-45	1		158	01	13300	-46	2		186	03	15985	-47	7		182	03	18351	-47	0		165	04
07	11409	-47	3		244	09	13311	-48	3		220	07	15980	-48	0		226	06	18336	-47	3		211	06
08	11463	-48	5		207	14	13358	-47	8		220	07	16031	-47	9		218	06	18387	-46	6		214	07
09	11416	-45	7		215	08	13329	-46	5		215	07	16015	-47	9		210	05	18378	-46	7		227	04
10																								
11	11407	-47	1		229	09	13321	-45	3		227	04	16027	-45	6		214	04	18416	-44	6		209	04
12	11384	-47	3		190	03	13293	-45	9		196	02	15998	-45	4		194	02	18385	-44	5		228	03
13	11384																							
14	11386	-44	7		125	05	13303	-45	9		226	02	16007	-44	7		189	06	18396	-44	5		203	05
15	11395	-46	8		165	11	13311	-44	9		166	04	16022	-45	1		195	06	18404	-45	3		209	05
16	11422	-46	5		136	04	13341	-45	0		145	03	16059	-44	0		188	03	18447	-44	8		200	02
17	11451	-45	8		112	04	13374	-44	1		182	01	16097	-44	1		209	03	18488	-44	1		206	01
18	11476	-44	3		103	01	13402	-44	2		103	01	16127	-44	1		249	03	18519	-44	2		280	01
19	11509	-42	6		236	05	13449	-43	1		189	04	16177	-43	9		328	03	18572	-43	9		060	06
20	11473	-42	7		006	03	13412	-43	6		013	06	16131	-45	0		002	03	18515	-45	1		347	03
21	11481	-41	2		037	07	13425	-42	5		026	05	16152	-44	1		031	04	18550	-43	3		027	02
22	11396	-41	9		044	10	13344	-42	2		044	05	16084	-43	1		048	06	18492	-43	3		049	06
23	11363	-39	9		062	06	13320	-41	3		066	04	16077	-41	7		085	06	18489	-42	4		085	03
24	11931	-39	5		087	09	13299	-40	5		098	06	16070	-39	9		120	03	18500	-41	4		150	04
25																								
26	11493	-39	3		158	06	13394	-41	3		149	08	16141	-41	6		152	09	18551	-42	6		144	06
27	11567	-44	4		134	16	13504	-43	9		133	23	16244	-43	0		133	04	18639	-45	4		133	04
28	11530	-39	6		090	20	13485	-41	9		088	21	16221	-44	8		095	16	18618	-43	2		153	10
29	11517	-38	7		100	12	13491	-39	3		110	10	16249	-42	4		105	10	18661	-42	8		105	08
30	11565	-40	6		120	09	13526	-40	5		131	10	16284											
31	11582	-42	0		138	07	13528	-42	3		122	07	16277	-41	7		130	08	18691	-42	7		145	06
MN	11417	-43	7		* 109	03	13349	-44	2		* 113	04	16066	-44	9		* 124	03	18443	-45	1			

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ALERT, N.W.T.
MAY 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20428	-48.8		241	03	23797	-47.0		221	06										
02																				
03	20388	-47.9		068	05	23766	-46.9		086	07	26471	-43.9		206	09					
04																				
05																				
06	20594																			
07																				
08	20604	-46.3		194	08	24012	-44.0		211	09	26749	-41.7		214	04					
09	20630	-46.3		232	09	24042	-43.9		232	06	26770	-42.1		241	06					
10																				
11	20648	-45.6		235	05	24066	-44.9		242	05	26788	-43.0		251	04					
12	20708	-44.0		232	05	24142	-43.5													
13																				
14																				
15	20669	-44.3		246	04	24101	-42.9		306	02										
16	20741	-43.9		211	03	24181	-42.6		147	03	26931	-40.9		000	00					
17	20690	-43.8				24119	-43.9				26849	-41.6								
18	20787	-43.5		275	02	24230	-42.6		295	03	26972	-41.9		051	03					
19	20796	-44.4		000	00	24230														
20	20787	-43.8		019	07	24212	-42.6		228	04	26968	-40.7		310	04					
21	20821	-43.4		016	03	24255	-43.6		021	09	26986	-43.0		018	02					
22	20820	-42.3		000	00	24278	-42.0		041	08	27023	-42.0		056	08					
23	20812	-42.0		032	05	24270														
24	20782	-42.1		080	07	24238	-41.9		080	11	26997	-40.7		085	10					
25																				
26	20845	-41.9		114	04	24304	-41.7		071	06	27060	-40.9								
27	20872	-43.8		106	06	24313	-43.2		121	06	27063	-40.2		155	10					
28																				
29	20884	-42.3		119	04	24336	-41.9		116	04	27103	-38.4		109	08					
30	20995	-40.5		101	07	24477	-40.9		109	11	27251	-38.4		083	14					
31	20947	-41.7		126	07	24401	-41.7		117	07	27164	-39.7		144	06					
MN	20739	-43.9		*137	01	24180	-43.2		*		26947	-41.2		*					*	

00 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	7 14	0					1	08.93	287	-55.2	311	0					9	21.50	045	238	15
02	8092-	03	1 02	0					1	06.61	400	-46.3	295	0					8	06.83	388	355	13
03	854--	71	7 07	0					1	08.10	320	-51.0	308	0					9	07.05	376	008	31
04	00900	02	0 19	0					1	06.61	400	-47.4	293	0					8	08.77	290	035	14
05	00900	02	2 06	0					1	07.18	375	-51.0	294	0					6	05.18	503	073	21
06	00900	02	3 03	0					2	06.76	400	-46.4	295	0					8	07.07	381	077	19
07	00900	02	7 02	0					1	07.82	343	-48.3	306	0					6	08.77	298	262	15
08	00906	03	7 29	0					2	08.82	300	-55.5	307	0					9	08.44	320	233	28
09	30970	71	3 06	0					1	08.53	310	-48.8	314	0					9	05.77	466	203	36
10	00900	02	6 05	0					6	09.20	281	-55.0	313	0					5	06.47	423	238	19
11	00900	02	7 02	0					1	08.84	296	-55.9	308	0					9	10.80	219	247	16
12	00900	02	2 05	0					1	09.16	283	-57.3	309	0					9	08.32	324	273	16
13	855--	10	2 03	0					1	08.99	290	-57.8	307	0					8	01.35	846	097	11
14	843--	03	1 16	0					1	08.46	314	-52.5	307	0					8	07.78	348	036	14
15	864--	10	1 01	0					1	08.45	314	-52.6	307	0					9	21.20	047	156	10
16	853--	03	1 02	0					1	09.60	264	-57.4	316	0					9	00.07	007	360	08
17	863--	71	2 01	0					1	09.33	276	-58.2	311	0					0				
18	853--	71	2 09	0					1	09.14	284	-56.7	310	0					9	08.82	300	092	08
19	864--	10	1 01	0					1	08.57	310	-54.9	306	0					9	08.27	326	089	17
20	853--	71	2 02	0					1	08.42	317	-50.4	309	0					9	08.16	330	079	20
21	00904	03	3 03	0					1	08.14	330	-50.2	306	0					9	23.68	033	020	12
22	00900	02	7 18	0					1	08.31	322	-49.3	310	0					9	25.45	025	041	14
23	874--	71	2 12	0					1	08.49	309	-52.0	309	0					9	21.44	046	030	22
24	853--	03	2 02	0					1	07.64	346	-51.7	300	0					9	23.77	032	080	12
25	65500	03	2 08	0					1	07.16	371	-47.9	299	0					6	09.28	271	064	09
26	853--	03	7 01	0					1	07.18	374	-47.8	298	0					9	10.56	227	168	13
27	854--	02	1 05	0					1	08.14	330	-48.1	309	0					9	08.97	291	172	28
28	843--	03	7 01	0					2	07.47	370	-42.2	307	0					7	10.16	247	068	27
29	864--	71	2 09	0					1	07.13	380	-45.2	301	0					9	18.12	076	103	18
30	15320	02	2 17	0					1	07.70	351	-46.2	306	0					1	27.77	018	074	22
31	00900	02	1 08	0					2	07.74	355	-48.8	302	0					9	22.19	042	148	11
MEAN										08.15	329	-51.2	306										

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20429	-48.4		170	05	23810	-47.0		204	04	26501	-45.9		200	10					
02	20401	-48.0		098	05	23776	-46.8		152	07	26478	-45.5		187	07					
03	20438	-46.7		120	06	23820	-47.0		124	05	26529	-43.3		155	06					
04	20458	-47.8		158	06	23844	-46.3		210	08	26553	-43.3								
05	20538	-47.0		169	06	23933	-45.1		205	07										
06	20585	-45.8		187	07															
07	20563	-47.1		201	06	23966														
08	20621	-46.9		199	11	24025	-44.3		205	09	26758	-42.6		223	05					
09	20615	-45.5		231	06	24033	-43.9		231	04	26772	-42.2		000	00					
10																				
11	20663	-45.2		216	01	24091	-43.5		214	02	26831	-42.3		066	02					
12	20640	-44.8		226	02	24078	-42.4		226	04	26813	-42.9		000	00					
13																				
14	20650	-45.2		206	04	24077	-43.9		121	02										
15	20650	-45.2		184	03	24073	-44.4		186	05										
16	20702	-44.1		225	02															
17	20750	-44.1		204	01	24185	-43.3		165	02	26937	-40.2		048	06					
18	20786																			
19	20835	-43.5		016	03	24277	-42.5		334	04	27022	-41.6		066	02					
20	20769	-44.2		007	02	24194	-44.9		017	04	26921	-43.1		017	09					
21	20820	-42.5		044	03	24262	-43.0		044	09	27003	-41.8		046	06					
22	20766	-42.0		083	07	24222	-41.7		054	09	26980	-41.6		070	09					
23	20764	-42.3		074	07	24226	-41.6		080	07	26979	-40.2		080	11					
24	20778	-42.2		105	08	24229	-42.9		084	11										
25																				
26	20826	-42.5		102	05	24275	-42.8		060	05										
27	20897	-42.8		130	05															
28	20881	-44.2		090	18	24313	-42.7		091	15	27062	-40.7								
29	20932	-41.0		105	11	24396	-40.8		110	10	27164	-38.1		150	05					
30																				
31	20962	-41.3		122	05	24433	-41.5		137	06	27203	-38.0		122	09					
MN	20693	-44.6		*130	03	24110	-43.7		*125	03	26853	-42.0		*					*	

12 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	86100	77	3 01	0					1	07.96	330	-52.6	303	0					9	07.65	346	272	19
02	872--	71	7 02	0					1	07.78	338	-49.0	306	0					9	07.46	354	030	35
03	86510	71	7 05	0					1	06.18	425	-46.4	290	0					9	08.85	285	031	17
04	00900	02	2 13	0					1	06.75	396	-49.4	292	0					9	04.69	536	104	22
05	00900	02	7 03	0					2	07.13	378	-49.7	295	0					9	06.50	415	088	28
06	00900	02	2 01	0					1	06.78	400	-47.1	294	0					9	19.34	061	134	13
07	00900	02	7 02	0					1	08.26	324	-52.0	306	0					9	07.76	349	252	23
08	60970	02	6 03	0					2	08.91	296	-52.3	313	0					9	09.35	276	204	30
09	00900	02	2 01	0					2	07.48	361	-44.2	307	0					9	05.59	475	241	32
10																							
11	00906	02	7 01	0					1	09.33	274	-55.9	314	0					9	08.46	314	247	22
12	852--	10	8 06	0					1	09.14	283	-57.6	309	0					9	08.62	307	259	08
13	862--	10	3 07	0					6	09.24	278	-56.0	313	0					5	08.55	309	020	14
14	854--	71	2 03	0					1	08.40	315	-53.7	306	0					9	08.33	319	063	14
15	864--	71	5 01	0					1	09.04	287	-54.9	312	0					9	07.95	340	199	19
16	854--	71	2 05	0					1	09.15	283	-57.5	309	0					9	08.15	331	102	13
17	862--	71	4 00	0					1	09.11	285	-56.8	310	0					9	08.70	305	080	11
18	864--	10	2 14	0					1	08.93	295	-56.1	308	0					8	08.54	313	085	13
19	863--	71	7 10	0					2	07.73	352	-48.9	303	0					9	08.27	325	084	19
20	25500	02	8 03	0					1	08.66	304	-52.4	310	0					9	27.07	020	017	12
21	15502	02	7 13	0					1	08.20	326	-49.3	308	0					9	26.16	023	051	12
22	862--	71	7 05	0					1	08.60	304	-52.7	310	0					9	08.66	302	037	24
23	86400	71	2 07	0					1	07.45	357	-48.0	303	0					9	28.07	017	078	14
24	25500	71	3 02	0					1	07.20	368	-49.1	298	0					9	23.93	031	080	12
25																							
26	65530	02	6 01	0					2	06.74	400	-45.6	296	0					9	07.19	373	179	25
27	865--	71	8 02	0					1	09.20	285	-47.9	322	0					9	09.71	264	136	40
28	864--	71	6 02	0					1	07.88	345	-46.9	307	0					9	08.07	336	064	27
29	65500	02	2 08	0					1	07.80	346	-47.6	306	0					9	26.11	023	126	19
30	15700	02	1 15	0					1	08.12	334	-47.4	309	0					7	00.37	976	228	15
31	00901	02	8 15	0					1	08.29	329	-50.7	306	0					9	27.37	020	126	09
MEAN										08.12	331	-51.0	306										

A Statistical Value for Relative Humidity
* Vector Mean Wind
\- Entered under Wind Direction indicates a Stratum of Missing Wind Data

ALERT, N.W.T.
JUNE 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1012	-06	8	73	000	00	0138	-07	8	76	000	00	0550	-12	2	87	010	02	0969	-10	2	67	055	03
02	1005	-08	1	75	000	00	0103	-08	6	76	000	00	0500	-10	6	84	344	02	0915	-09	8	82	350	04
03	1008	-03	7	66	000	00	0129	-05	1	67	000	00	0520	-07	7	77	125	03	0948	-07	8	83	227	09
04	1010	-06	7	89	300	03	0145	-07	3	90	326	02	0550	-09	3	91	344	06	0961	-10	0	91	336	11
05	1011	-04	4	78	000	00	0151	-05	7	78	000	00	0550	-06	7	82	326	06	0971	-09	7	85	329	09
06	1011	-01	7	70	000	00	0153	-03	3	73	-		0550	-07	5	80	-		0974	-09	9	81	-	
07	1015	-03	4	80	180	04	0184	-03	1	78	-		0590	-05	4	79	-		1011	-08	2	81	-	
08	1017	-02	0	74	260	04	0204	-01	4	78	245	05	0620	-03	2	78	244	07	1037	-06	2	79	225	05
09	1014	001	0	72	240	18	0177	000	4	71	239	18	0590	-01	6	68	249	17	1016	-03	0	66	258	13
10	1011	002	0	71	225	10	0152	002	3	74	229	11	0570	000	3	75	238	11	0997	-01	7	75	199	04
11	1010	-01	0	80	000	00	0145	-01	9	80	000	00	0550	-03	5	82	331	07	0979	-04	9	83	322	08
12	1013	001	1	79	000	00	0166	000	1	82	000	00	0580	-03	3	89	000	00	0999	-05	6	91	228	01
13	1013	-02	1	81	000	00	0168	-02	1	81	000	00	0570	-01	7	78	162	03	1004	-04	2	78	185	04
14	1008	-01	6	88	000	00	0132	-01	5	88	000	00	0530	-01	7	88	000	00	0970	-03	2	84	026	02
15	1005	-01	3	62	000	00	0106	-02	2	62	000	00	0500	-01	8	64	358	03	0943	-02	7	57	002	06
16	1006	000	0	74	315	06	0112	-00	3	74	316	05	0530	-02	9	77	345	04	0946	-05	8	81	347	05
17	1005	-01	4	90	000	00	0090	-01	4	89	000	00	0490	-03	9	79	016	02	0922	-06	0	69	026	02
18	1005	000	2	63	000	00	0105	-00	1	64	000	00	0520	-03	4	74	000	00	0937	-06	8	77	331	01
19	1008	-01	7	88	000	00	0130	-02	4	88	000	00	0540	-04	3	80	062	01	0960	-06	3	74	349	03
20	1005	-03	3	92	000	00	0105	-04	1	96	000	00	0510	-06	1	96	062	04	0932	-07	7	90	028	06
21	1003	-04	1	74	000	00	0090	-04	3	74	000	00	0490	-06	7	82	330	04	0914	-05	4	74	349	05
22	1003	-03	3	81	000	00	0094	-03	6	82	000	00	0490	-06	8	89	326	06	0916	-08	4	91	329	09
23	1003	-01	3	76	000	00	0090	-01	5	76	000	00	0500	-04	3	76	049	01	0921	-07	1	76	335	02
24	1004	-01	8	75	360	03	0096	-02	1	76	357	03	0500	-04	8	80	321	03	0925	-06	8	76	343	09
25	1005	-00	4	71	000	00	0106	-00	6	71	000	00	0500	-02	7	72	311	03	0943	-04	9	72	337	05
26	1000	-00	7	76	270	02	0069	-00	7	76	270	02	0460	-02	8		342	03	0899	-05	2		346	04
27	0998	-01	7	67	360	03	0048						0440	-04	2	76	003	05	0874	-08	3	87	344	05
28	0999	-02	3	71	360	02	0059						0460	-05	8	82	006	02	0882	-08	3	90	022	02
29	1004	002	5	53	270	02	0098	002	6	52	270	02	0510	000	5	47	251	08	0941	-03	4	58	257	08
30	1009	-00	9	78	340	03	0136	-01	9	81	335	03	0550	-02	7	81	324	02	0971	-04	7	79	267	01
MN	1007	-02	0	76	*		123	-02	4	77	*		527	-04	6	79	*		953	-06	4	79	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1410	-09	4	42	040	04	1879	-09	6	36	350	04	2380	-11	6	A16	325	04	2901	-14	2	A16	332	05
02	1356	-10	4	72	322	05	1823	-11	4	67	306	06	2320	-12	9	85	289	06	2841	-15	4	87	289	06
03	1390	-10	4	84	304	16	1855	-13	4	84	326	07	2330	-16	6	85	320	07	2861	-15	6	69	345	06
04	1400	-10	9	90	338	08	1866	-12	9	74	013	04	2350	-13	9	73	022	04	2878	-16	5	72	014	06
05	1411	-11	5	87	346	08	1878	-12	3	88	009	06	2360	-14	7	87	360	08	2888	-18	0	84	012	07
06	1413	-12	5	78	-		1877	-12	5	86	-		2370	-14	8	86	-		2889	-17	2	82	-	
07	1453	-09	8	82	-		1921	-11	8	82	-		2420	-15	0	81	295	04	2931	-18	4	80	310	05
08	1483	-08	9	80	227	03	1951	-11	8	81	267	05	2460	-15	3	81	292	03	2959	-19	0	82	263	04
09	1467	-05	4	66	257	08	1940	-08	9	77	221	06	2430	-11	1	84	227	06	2966	-13	6	82	253	05
10	1490	-03	4	81	211	06	1931	-03	5	85	246	07	2450	-05	8	88	276	10	2977	-08	9	89	266	06
11	1427	-06	4	85	318	06	1901	-08	0	87	331	05	2410	-09	7	88	335	04	2930	-12	5	86	320	03
12	1446	-07	5	91	282	02	1918	-09	2	89	351	03	2430	-10	9	87	345	03	2944	-13	7	84	346	02
13	1452	-06	7	79	214	04	1926	-08	7	81	260	02	2430	-11	6	77	250	02	2950	-14	7	74	230	05
14	1422	-05	1	76	026	02	1898	-07	4	63	111	02	2390	-09	7	51	191	04	2930	-09	9	57	002	03
15	1395	-03	8	48	004	05	1874	-05	5	41	037	02	2388	-07	9	33	060	02	2911	-10	4	24	190	02
16	1392	-08	6	85	347	04	1860	-10	2	83	347	03	2360	-11	8	78	051	02	2882	-13	9	65	168	01
17	1367	-08	9	69	023	03	1835	-11	0	67	324	01	2320	-14	8	68	316	02	2852	-12	4	38	130	03
18	1380	-09	9	75	274	02	1845	-13	8	81	274	02	2340	-14	2	79	305	05	2857	-14	8	56	319	04
19	1404	-09	0	75	340	06	1872	-10	1	57	360	03	2350	-11	3	38	326	02	2894	-13	2	29	217	02
20	1379	-07	9	79	061	06	1853	-07	6	66	024	03	2350	-10	2	68	145	05	2880	-13	5	79	147	05
21	1362	-06	2	78	032	02	1836	-07	3	67	074	03	2330	-10	0	61	086	05	2869	-13	1	71	082	05
22	1359	-09	2	92	339	07	1827	-10	2	92	016	06	2330	-13	0	91	002	04	2843	-16	3	90	353	04
23	1364	-08	8	79	297	05	1831	-12	1	80	284	05	2330	-11	2	46	281	04	2853	-13	3	33	281	04
24	1370	-07	6	66	346	09	1842	-09	3	54	007	08	2340	-13	0	65	021	10	2859	-16	5	74	054	05
25	1390	-08	1	73	351	08	1858	-12	0	80	350	10	2340	-12	2	78	005	04	2877	-15	4	70	019	06
26	1346	-07	2		348	04	1818	-10	2		342	05	2320	-13	5		346	05	2839	-16	5		345	05
27	1318	-08	6	86	337	03	1786	-11	3	83	297	02	2270	-14	1	81	350	02	2800	-15	4	63	065	02
28	1325	-09	4	92	091	02	1792	-12	3	93	067	03	2290	-12	0	67	118	05	2812	-14	6	35	157	07
29	1389	-07	3	68	258	06	1862	-06	8	48	238	08	2350	-09	4	36	236	09	2893	-12	7	32	228	09
30	1418	-07	7	80	187	01	1887	-11	0	81	112	01	2380	-14	8	83	337	01	2897	-17	5	85	225	01
MN	1398	-08	2	77	329	03	1868	-10	1	74	*		2364	-12	2	70	*		2888	-14	6	64	314	01

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1008	-09	5	58	000	00	0124	-09	9	62	000	00	0510	-12	5	87	329	02	0933	-10	9	73	353	04
02	1006	-06	6	91	000	00	0111	-05	9	85	000	00	0520	-05	4	76	230	03	0937	-07	6	82	257	03
03	1009	-06	4	79	360	05	0138	-06	8	80	354	04	0540	-08	7	85	319	04	0954	-10	0	89	329	07
04	1011	-05	0	93	315	01	0151	-05	4	93	325	02	0550	-07	6	93	356	06	0971	-09	8	93	006	05
05	1011	-02	7	91	315	03	0151	-03	3	91	316	03	0550	-05	9	91	320	07	0976	-08	7	91	330	10
06	1013	-03	2	84	300	04	0168	-03	9	84	327	05	0575	-06	3	85	342	06	0992	-09	0	86	336	04
07	1017	-03	3	74	000	00	0196	-03	7	75	000	00	0600	-05	0	79	267	03	1022	-06	6	83	287	03
08	1017	-00	3	67	250	09	0203	-00	3	64	249	10	0610	-02	9	69	246	07	1038	-05	1	70	236	03
09	1013	001	0	63	225	13	0168	001	9	67	235	13	0590	-01	0	70	265	07	1007	-04	0	72	316	01
10	1010	-01	2	97	090	01	0143	000	1	97	110	01	0550	-01	0	94	215	01	0984	-03	5	91	282	04
11	1012	-01	8	74	000	00	0160	-02	9	76	000	00	0560	-04	0	87	307	06	0990	-05	5	89	332	13
12	1014	001	6	84	000	00	0177	-00	8	83	000	00	0590	-01	9	85	292	01	1013	-04	8	87	239	02
13	1011	-00	7	70	000	00	0151	-00	9	70	000	00	0560	-01	5	69	124	02	0988	-03	6	71	121	02
14	1006	-02	4	86	000	00	0115	-03	1	83	000	00	0520	-02	4	74	355	02	0951	-03	5	68	016	03
15	1005	-01	1	76	000	00	0105	-01	5	77	000	00	0510	-03	0	86	338	09	0938	-04	6	84	346	10
16	1006	000	3	84	000	00	0116	000	0	84	000	00	0520	-03	4	79	002	03	0950	-07	0	75	009	03
17	1004	-01	3	70	000	00	0094	-01	5	71	000	00	0490	-04	5	75	346	03	0923	-07	6	81	002	04
18	1007	000	4	89	000	00	0119	000	0	89	-		0520	-03	1	89	-		0953	-06	3	90	-	
19	1008	-02	2	74	000	00	0130	-03	2	79	000	00	0530	-05	7	83	050	03	0955	-07	9	89	068	05
20	1003	-04	4	78	270	01	0087	-04	6	78	275	01	0490	-06	3	78	352	05	0912	-06	2	77	026	06
21	1004	-02	9	81	360	04	0098	-03	1	81	359	04	0490	-06	4	90	334	04	0923	-06	5	93	321	07
22	1003	-01	5	85	000	00	0088	-01	6	86	000	00	0490	-04	9	87	346	04	0917	-07	6	88	331	04
23	1004	-01	1	70	090	02	0101	-01	3	70	101	02	0490	-03	7	72	160	03	0932	-06	3	74	198	05
24	1005	-01	7	88	000	00	0103	-01	9	87	000	00	0500	-04	3	73	357	02	0934	-06	9	80	322	06
25	1003	-00	9	77	000	00	0093	-01	0	77	-		0490	-02	4	89	-		0928	-04	7	91	-	
26	0998	-01	1	88			0051						0450	-03	0	88			0884	-05	3	89		
27	0998	-02	3	71	360	03	0052						0455	-05	3	80	074	02	0878	-08	6	90	100	03
28	1001	000	6	64	000	00	0072	000	5	64	000	00	0480	-02	3	67	235	05	0909	-05	3	70	222	06
29	1007	-01	6	74	000	00	0124				000	00	0540	000	0	53	220	03	0965	-02	8	54	207	06
30	1011	-01	8	80	000	00	0151	-03	1	78	000	00	0560	-04	1	83	002	03	0982	-05	6	87	018	05
MN	1008	-02	1	79	*		125	-02	3	79	*		528	-04	3	81	*		959	-06	4	82	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1372	-11	0	50	347	04	1838	-11	0	41	319	04	2340	-10	9	44	322	05	2862	-13	5	39	319	07
02	1380	-10	1	86	289	04	1846	-12	0	89	313	05	2340	-13	8	88	300	06	2860	-16	2	87	294	06
03	1396	-09	7	87	348	08	1863	-11	1	85	009	08	2350	-14	0	83	019	09	2877	-16	9	81	024	10
04	1410	-12	2	94	003	03	1872	-14	4	94	008	02	2360	-14	7	92	027	07	2882	-15	7	88	012	07
05	1417	-11	0	91	344	10	1882	-12	5	90	358	07	2370	-15	0	89	015	08	2891	-18	3	87	020	11
06	1433	-10	5	86	055	03	1899	-12	7	83	136	04	2390	-16	7	80	017	02	2906	-17	1	82	340	04
07	1466	-09	1	81	290	03	1932	-11	9	80	283	03	2420	-14	6	78	278	04	2943	-17	6	77	280	05
08	1485	-08	1	69	255	05	1953	-11	2	69	272	06	2450	-13	8	71	328	05	2967	-17	0	74	326	11
09	1455	-06	5	76	287	01	1929	-07	9	81	269	03	2430	-09	0	77	276	05	2962	-11	2	74	280	07
10	1435	-04	7	91	309	05	1913	-05	9	91	293	06	2420	-06	1	90	291	07	2956	-08	2	88	282	05
11	1436	-07	3	90	346	10	1907	-09	4	71	336	06	2400	-11	7	71	350	04	2930	-14	1	70	355	03
12	1461	-06	8	84	225	04	1933	-08	9	83	239	02	2430	-10	9	84	172	03	2959	-14	0	83	290	04
13	1436	-06	5	75	082	01	1909	-09	5	79	032	01	2400	-12	7	81	023	01	2933	-10	9	45	304	05
14	1403	-03	5	58	035	02	1881	-05	7	48	030	02	2380	-08	7	46	026	02	2916	-10	4	37	035	03
15	1385	-06	4	84	002	07	1859	-08	1	75	014	04	2355	-10	0	63	355	03	2888	-12	1	49	240	01
16	1394	-09	3	76	275	03	1862	-10	8	80	280	04	2350	-14	7	83	227	02	2875	-14	4	71	131	01
17	1366	-10	9	86	358	05	1831	-11	5	82	007	05	2320	-11	9	54	036	05	2852	-13	3	47	051	05
18	1397	-09	7	91	-		1863	-11	7	81	-		2350	-12	8	67	292	05	2881	-14	3	47	259	05
19	1399	-08	9	72	038	04	1870	-08	9	52	069	02	2370	-10	4	50	135	03	2897	-12	7	53	160	04
20	1358	-07	0	72	076	04	1853	-06	0	58	114	05	2330	-09	4	58	118	05	2865	-13	0	57	131	06
21	1368	-07	9	89	334	05	1839	-09	4	86	360	03	2340	-11	0	82	041	04	2863	-14	1	80	055	03
22	1362	-08	5	88	295	06	1830	-11	9	86	289	06	2325	-12	0	82	293	06	2849	-14	9	79	308	05
23	1376	-09	7	82	243	05	1842	-09	7	63	282	03	2345	-11	2	44	338	02	2866	-14	6	61	276	01
24	1378	-09	6	94	312	08	1846	-10	6	89	300	06	2340	-13	6	84	285	04	2862	-15	6	80	302	01
25	1375	-07	0	93	-		1847	-10	3	92	-		2345	-14	0	90	002	06	2862	-15	7	86	349	06
26	1331	-07	5	90			1803	-10	0	90			2300	-13	7	89			2818	-16	7	85		
27	1321	-09	4	89	110	02	1788	-11	6	83	118	02	2290	-12	1	68	108	03	2807	-14	0	57	141	04
28	1355	-08	9	76	260	03	1823	-09	3	77	238	06	2320	-09	8	47	207	07	2853	-12	1	32	198	07
29	1416	-05	7	56	213	03	1890	-08	8	57	206	01	2390	-12	1	70	150	04	2911	-15	4	78	137	04
30	1428	-08	0	87	056	05	1897	-11	1	86	028	04	2390	-14	4	85	001	02	2908	-18	1	81	017	04
MN	1400	-08	4	81	332	03	1869	-10	1	78	*		2365	-12	2	79	*		2890	-14	4	68	337	02

A — *Statistical Value for Relative Humidity*
* — *Vector Mean Wind*
– — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ALERT, N.W.T.
JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	4055	-21	2	A18	335	06	5375	-30	6	A20	320	07	6925	-42	7	335	07	8825	-47	8	326	09
02	3993	-21	9	85	302	09	5313	-30	4	77	291	12	6861	-42	0	292	20	8776	-46	0	298	21
03	4009	-22	8	40	354	07	5323	-31	9	40	001	06	6859	-44	2	019	09	8781	-43	1	322	10
04	4025	-21	3	71	023	09	5345	-30	8	71	033	11	6892	-42	9	042	14	8786	-48	0	042	09
05	4028	-23	2	76	015	06	5345	-30	2	69	014	06	6895	-40	8	002	06	8802	-48	4	014	08
06	4032	-23	6	73	-		5342	-31	4	61	-		6889	-42	2	104	03	8793	-46	3	052	03
07	4079	-22	9	71	321	05	5386	-32	4	61	310	10	6933	-41	7	313	17	8859	-44	8	316	11
08	4093	-24	7	72	301	04	5397	-33	5	54	318	05	6926	-44	7	332	09	8848	-42	9	345	08
09	4123	-21	0	73	292	09	5448	-28	7	67	288	10	7022	-38	1	62	315	25	8943	-49	4	312	23
10	4158	-14	6	66	289	10	5519	-22	3	68	297	17	7129	-31	9	61	309	22	9094	-47	3	302	33
11	4097	-17	7	79	353	03	5438	-26	8	67	049	04	7010	-37	6	45	065	04	8943	-45	4	099	02
12	4100	-20	7	80	329	08	5433	-28	0	49	324	05	6996	-40	0	43	319	09	8917	-47	4	315	11
13	4122	-16	6	A17	286	09	5472	-25	9	A19	310	12	7055	-36	3	A21	321	23	8999	-49	0	321	23
14	4107	-15	7	A17	342	10	5463	-23	4	A18	341	18	7055	-35	9	A21	339	18	8990	-49	8	318	20
15	4083	-15	6	A17	351	02	5433	-25	0	30	284	04	7020	-35	8	47	270	02	8956	-51	0	222	05
16	4046	-18	6	59	132	04	5380	-27	1	72	221	05	6954	-38	0	60	227	07	8874	-50	4	324	06
17	4014	-19	6	31	159	03	5345	-28	6	61	182	05	6904	-40	0	61	196	11	8818	-47	4	195	11
18	4015	-19	2	34	248	01	5344	-29	0	54	233	02	6901	-41	0		182	03	8816	-45	2	166	05
19	4053	-19	1	30	206	07	5384	-28	3	A19	183	07	6945	-40	0	A22	181	12	8859	-50	7	195	18
20	4036	-20	7	75	139	05	5362	-29	6	74	142	08	6918	-40	9		115	17	8828	-48	1	125	20
21	4026	-19	5	57	160	04	5360	-28	0	45	155	11	6923	-40	0	45	166	14	8840	-49	5	154	18
22	3988	-22	6	84	355	08	5301	-31	3	77	019	11	6848	-42	3		028	19	8762	-43	3	051	06
23	4011	-20	4	35	273	04	5337	-28	9	29	224	02	6896	-40	0	35	262	01	8796	-47	9	134	02
24	4009	-22	0	67	083	02	5323	-31	7	69	063	06	6865	-42	9		042	06	8777	-46	1	062	05
25	4025	-22	4	63	007	03	5341	-31	1	36	011	03	6889	-42	5		359	01	8801	-45	6	000	00
26	3980	-22	3	74	352	02	5300	-30	8	67	321	03	6850	-42	2		336	07	8769	-42	8	282	03
27	3947	-22	4	52	173	04	5265	-30	3	43	184	04	6818	-42	2		184	04	8746	-39	6	185	05
28	3973	-19	9	46	148	11	5298	-29	4	53	144	17	6856	-39	3	A22	151	25	8781	-45	1	150	23
29	4054	-20	2	27	202	09	5381	-29	4	42	180	13	6938	-40	0	50	164	19	8848	-44	4	169	17
30	4035	-24	8	81	138	02	5335	-34	3	61	113	04	6860	-44	8		141	07	8795	-40	0	156	06
MN	4044	-20	6	56	*		5370	-29	3	52	*	02	6928	-40	4	43	*	03	8847	-46	4	*	295	02

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11546	-41	7		125	03	13496	-41	9		132	05	16249	-41	6	148	05	18653	-43	4	169	02
02	11511	-41	5	000	00	13462	-41	8	230	03	16207	-41	7	126	05	18619	-43	1	162	03
03	11540	-40	2	292	04	13501	-40	6	237	05	16261	-41	2	716	03	18682	-41	4	176	04
04	11524	-41	0	330	02	13477	-41	8	000	00	16220	-43	0	181	05	18628	-41	8	039	02
05	11530	-40	4	052	03	13490	-40	4	061	02	16245	-42	0	136	03	18662	-40	8	119	02
06	11542	-39	7	055	02	13512	-40	0	141	05	16263	-42	7	252	01	18681	-41	0	103	02
07	11608	-39	9	029	02	13574	-41	4	031	03	16318	-42	0	073	02	18735	-41	8	000	00
08	11614	-39	8	338	05	13578	-40	9	325	01	16326	-41	7	000	00	18741	-42	1	000	00
09	11673	-40	8	310	11	13630	-41	1	301	06										
10	11751	-44	2	315	15	13687	-43	7	304	10	16418	-43	1	341	04	18827	-40	7	306	04
11	11691	-40	3	305	10	13643	-42	2	311	06	16386	-42	0	315	04	18802	-41	8	325	06
12	11653	-40	7	320	06	13604	-42	3	317	09	16337	-43	3	324	05	18742	-42	4	324	05
13	11707	-42	5	332	09	13654	-42	4	326	06	16396	-42	9	325	08	18805	-42	2	316	04
14	11681	-42	9	314	06	13622	-43	6	322	06	16356	-42	8	324	08	18769	-41	1	349	05
15	11658	-41	1	309	06	13611	-41	6	356	04	16360	-41	6	350	05	18786	-40	6	006	07
16	11603	-40	2	281	04	13565	-40	8	302	03	16322	-40	7	015	05	18751	-41	3	358	04
17	11570	-39	1	167	02	13537	-40	1	087	01	16299	-40	7	055	04	18731	-40	3	060	03
18	11570																			
19	11570	-41	8	170	07	13518	-42	3	177	06	16257	-41	8	096	03					
20	11566	-40	2	161	04	13524	-41	3	124	02	16272	-41	8	112	04	18696	-40	8	119	06
21	11574	-40	2	155	05	13535	-40	5	159	02	16295	-41	1	150	01	18726	-40	1	135	01
22	11527	-39	8	197	02	13490	-41	5	171	02	16244	-40	9	177	02	18679	-39	7	044	02
23	11540	-39	4	202	05	13511	-39	2	206	04	16287	-39	4	194	02	18733	-38	8	201	02
24	11534	-39	0	208	04	13511	-37	9	211	02	16306	-38	2	161	02	18757	-38	9	169	02
25	11561	-38	7	326	02	13537	-38	9	241	01	16318	-39	2	136	02	18761	-39	3	158	01
26	11559	-37	0	194	02	13541	-38	9	200	03	16324	-38	8	928	02	18774	-38	6	089	03
27	11551	-36	9	173	06	13535	-38	1	146	06										
28	11556	-38	1	151	07	13528	-40	7	150	04	16297	-39	4	159	06	18738	-39	9	149	06
29	11625	-37	2	166	10	13607	-39	8	171	07	16385	-38	9	166	05	18836	-38	2	179	06
30	11588	-37	8	167	06															
MN	11591	-40	1	*	262	02	13553	-40	9	*	257	01	16306	-41	3	*	90	00	18733	-40	8	*		

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	4018	-20	7	A18	317	09	5340	-30	7	A20	313	09	6885	-43	4	308	11	8801	-44	5	319	12
02	4004	-23	8	79	290	07	5310	-33	4	65	279	11	6844	-43	4	273	13	8784	-41	1	289	12
03	4021	-22	4	77	020	08	5336	-31	5	71	019	07	6877	-43	0	014	09	8786	-44	6	005	07
04	4031	-21	1	63	015	04	5360	-28	4	49	015	04	6920	-40	6	035	06	8823	-50	4	040	08
05	4027	-24	7	82	030	08	5334	-32	4	77	020	05	6874	-42	7	127	01	8779	-45	1	000	00
06	4050	-22	4	66	360	04	5368	-30	5	64	346	07	6918	-41	6	003	12	8829	-46	5	017	08
07	4082	-24	5	74	304	05	5382	-34	7	71	300	06	6908	-42	7	328	10	8849	-42	1	346	07
08	4108	-23	8	70	306	08	5416	-32	8	58	314	11	6952	-43	0	331	18	8880	-44	0	334	15
09	4136	-16	9	67	298	16	5485	-24	9	35	302	19	7070	-36	6	A22	299	24	9013	-48	5	303	25
10	4140	-15	0	84	297	09	5498	-23	4	79	294	07	7093	-34	8	30	278	13	9036	-50	2	267	20
11	4085	-19	9	28	350	04	5416	-27	9	34	329	06	6985	-38	5	A22	314	12	8912	-48	1	324	10
12	4119	-17	7	41	293	05	5462	-26	0	32	331	10	7033	-39	3	A22	331	11	8954	-46	8	333	13
13	4108	-16	5	A17	317	09	5455	-25	4	29	321	12	7040	-36	1	A21	329	19	8970	-50	3	326	20
14	4094	-15	4	A16	014	03	5447	-24	5	A18	343	06	7034	-35	7	37	338	08	8971	-51	0	325	09
15	4057	-17	0	A17	221	02	5399	-26	1	62	224	03	6976	-37	8	69	225	04	8900	-51	7	215	06
16	4032	-20	1	28	197	03	5359	-29	0	63	200	07	6919	-39	8	64	203	10	8831	-49	3	209	14
17	4015	-19	0	34	090	04	5347	-28	5	57	135	07	6908	-40	0	62	138	07	8822	-47	4	154	09
18	4038	-19	8	45	239	05	5367	-28	8	A19	217	08	6923	-41	3		231	12	8831	-46	7	200	09
19	4059	-19	3	64	165	06	5391	-28	2	65	152	08	6956	-39	3	67	159	13	8876	-51	4	149	16
20	4024	-20	2	67	163	06	5351	-29	2	64	162	05	6905	-41	4		173	13	8817	-46	9	169	13
21	4018	-19	9	77	091	07	5348	-29	0	78	082	15	6903	-41	1		091	16	8805	-49	3	110	14
22	3999	-21	7	75	324	06	5321	-30	0	69	345	06	6872	-40	9		009	12	8785	-46	0	345	03
23	4021	-20	4	36	255	02	5344	-30	4	59	109	02	6894	-41	4		100	04	8800	-47	5	147	06
24	4010	-22	4	69	049	04	5326	-31	4	52	070	05	6867	-43	1		102	07	8782	-44	7	108	03
25	4009	-22	7	74	333	03	5324	-31	7	52	323	03	6865	-42	9		322	02	8775	-44	8	014	03
26	3963	-22	3	64			5282	-30	8	53			6831	-41	6				8756	-40	7			
27	3963	-20	9	42	167	07	5286	-30	1	A20	177	08	6836	-41	6		171	11	8767	-41	1	175	14
28	4014	-19	9	42	183	10	5342	-29	1	53	152	14	6904	-40	1		142	20	8831	-45	0	145	18
29	4061	-22	2	69	126	07	5375	-32	0	57	137	10	6914	-42	6		124	19	8848	-40	5	139	12
30	4043	-25	3	72	350	02	5341	-34	9	65	020	05	6861	-44	3		049	06	8813	-38	9	109	05
MN	4045	-20	6	55	*		5370	-29	5	53	*	02	6926	-40	7	42	*	02	8848	-46	2	*	276	02

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11556	-40	5	047	01	13509	-41	5	136	05	16265	-40	8	145	04	18690	-40	8	161	04
02	11554	-40	0	296	04	13515	-41	2	273	02	16266	-41	9	202	01	18684	-42	8	160	03
03	11536	-41	1	000	00	13488	-41	5	264	03	16236	-42	0	229	02	18651	-41	7	158	03
04	11551	-40	1	103	03	13517	-39	9	145	03	16276	-41	8	148	03	18698	-41	0	115	03
05	11533	-39	4	055	03	13498	-40	5	039	02	16254	-43	1	127	03	18669	-41	9	105	03
06	11577	-39	4	059	03	13546	-39	9	146	04	16296	-42	6	106	03	18713	-41	2	122	02
07	11619	-38	8	010	04	13588	-40	5	028	02	16337	-42	0	124	02	18763	-40	1	000	00
08	11632	-40	3	336	08	13590	-41	1	308	05	16335	-41	7	158	01	18750	-42	0	233	01
09	11724	-41	5	306	11	13675	-41	9	304	08	16419	-41	4	320	04	18841	-41	4	314	03
10	11718	-43	6	290	11	13659	-43	7	302	06	16389	-43	4	316	05	18798	-42	2	329	05
11	11654	-39	8	321	07	13614	-41	4	317	05	16357	-42	1	323	04	18771	-42	3	325	04
12	11684	-41	5	334	08	13637	-42	0	325	05	16374	-43	5	323	06	18778	-42	6	330	02
13	11665	-43	9	325	06	13598	-43	5	325	06	16329	-43	0	323	05	18797	-42	0	334	03
14	11650	-42	4	320	06	13592	-43	0	334	04	16325	-42	8	343	05	18738	-41	7	357	05
15	11613	-41	0	291	05	13566	-41	5	319	04	16313	-41	5	350	05	18735	-41	0	013	05
16	11574	-39	2	132	01	13540	-40	6	000	00	16299	-40	2	027	05	18733	-41	1	039	06
17	11573	-39	5	158	05															
18	11574	-40	8	170	06	13529	-41	4	175	04	16275	-41	9	083	04	18706	-40	2	111	04
19	11582	-41	0	149	07	13536	-42	0	118	03	16281	-41	9	108	03	18707	-40	1	125	03
20	11562	-39	7	155	06	13523	-41	1	157	02	16281	-40	1	149	04	18723	-39	5	108	02
21	11544	-39	8	135	04	13499	-41	1	119	03	16296	-40	5	120	03	18695	-39	7	130	05
22	11546	-38	9	175	03	13515	-40	2	195	05	16284	-39	5	203	05	18728	-39	6	211	04
23	11544	-39	6	181	06	13510	-40	3	185	05	16274	-39	7	184	04	18720	-39	0	178	03
24	11544	-38	3	203	01	13517	-39	4	156	02	16289	-39	5	179	04	18737	-38	8	165	03
25	11551	-38	4	092	01	13525	-39	0	092	02	16301	-40	0	168	03	18740	-39	6	108	03
26	11555	-36	4			13543	-38	2			16331	-38	6			18780	-39	0		
27	11565	-36	9	157	09	13549	-38	9	150	08	16329	-39	1	152	05	18777	-38	9	140	06
28	11609	-36	8	158	08	13585	-40	2	154	09	16362	-38	2	166	08	18809	-39	1	158	07
29	11640	-36	5	155	07	13622	-38	6	150	05	16405	-39	0	182	05	18855	-38	1	155	05
30	11614	-37	6	158	05	13594	-38	7	190	03	16375	-39	4	183	04	18817	-39	3	264	02
MN	11595	-39	8	*	234	00	13558	-40	8	*	195	01	16314	-41	1	*	162	01	18743	-40	6	*		

A — Statistical Value for Relative Humidity

** — Vector Mean Wind*

\- — Entered under Wind Direction indicates a Stratum of Missing Wind Data

ALERT, N.W.T.
JUNE 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74082	82°30'N	62°20'W	66 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.) gpm.	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20921	-42	8	154	05	24379	-41	3	146	06	27141	-40	1	131	04					
02	20895	-41	7	174	04	24356	-41	0	144	02										
03	20966	-41	4	182	03	24442	-40	4	000	00	27212	-39	1	130	02					
04	20910	-41	6	154	05	24391	-39	3	199	04	27176	-38	2	044	05					
05	20946																			
06	20965	-41	2	119	05	24446	-40	6	096	04										
07	21019	-41	6	000	00															
08	21022	-41	6	093	03	24494	-40	8	107	04	27270	-38	8	000	00					
09																				
10	21113	-40	7	316	06	24594	-40	1	060	04	27368	-39	1	096	04					
11	21088	-41	0	348	05	24571	-39	8	033	04	27351	-38	4	049	05	32151	-32	8		
12	21022	-41	0	331	04	24500	-40	2	040	05										
13	21087	-41	2	340	05	24574	-39	7	356	03	27354	-38	5	063	05					
14	21053	-41	0	326	05	24546	-39	3	042	04	27328	-38	1	119	08					
15	21082	-40	0	010	07	24578	-39	2	021	05	27364	-37	0	024	06					
16	21039	-40	6	036	08	24529	-39	1	041	05	27318	-37	9	296	08					
17	21028	-40	0	060	05	24524	-38	3	072	06	27326	-36	2	090	06					
18																				
19																				
20	20991	-40	7	049	02	24478	-39	0	094	04	27282	-35	8	093	05					
21	21028	-39	6	088	03	24527	-38	2	090	06	27326	-36	3							
22	20980	-39	8	136	04	24478	-38	5	121	05	27285	-36	0	111	04					
23	21043	-38	8	170	04															
24	21064	-38	7	168	03	24575	-37	1	174	04	27389	-36	3	181	03					
25	21066	-39	3	130	03	24585	-37	2	104	03	27392	-36	4							
26	21083	-38	2	111	02	24588	-38	7	149	04	27394	-36	1	072	03					
27																				
28	21042	-39	0	155	02	24543	-37	6	150	04										
29	21154	-37	8	171	04	24682	-37	0	130	06	27490	-36	5	177	04					
30																				
MN	21024	-40	4	* 82	01	24517	-39	2	* 91	03	27320	-37	5	*		32151	-32	8	*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA $h_0 c_l h c_m c_h$	ww	cppp	FREEZING LEVELS Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	TROPOPAUSE (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	TROPOPAUSE (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	MAX. WIND LEVEL Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	853--	03	7 14	0					1	07 95	344	-49	7 303	0					9	08 31	323	330	12
02	864--	02	3 01	0					1	07 44	368	-46	4 302	0					9	08 40	317	298	29
03	853--	71	2 05	0					1	07 41	368	-46	5 302	0					9	01 46	843	308	16
04	862--	46	2 02	0					1	08 18	330	-52	1 304	0					9	07 44	369	047	14
05	853--	71	6 03	0					2	08 10	334	-49	7 306	0					8	01 03	895	334	09
06	65800	02	2 05	0					1	08 04	336	-50	6 304	0					9	20 74	052	106	06
07	00902	02	2 06	0					1	08 44	320	-46	2 314	0					9	07 11	390	315	19
08	15570	02	6 01	0					1	07 17	387	-46	3 298	0					9	05 94	464	327	10
09	00906	02	7 08	1	0 22	994	0 22	994	2	08 60	317	-50	4 309	0					7	08 23	335	317	29
10	60970	02	7 13	1	0 65	940	0 65	940	1	10 34	248	-54	2 326	0					9	09 84	267	303	39
11	853--	71	3 08	0					2	08 00	347	-45	2 308	0					9	11 37	210	302	11
12	25530	02	1 02	1	0 18	998	0 18	998	1	08 67	312	-48	4 313	0					9	08 37	326	311	14
13	20930	42	8 04	0					1	09 08	296	-49	7 317	0					9	07 81	358	321	31
14	00900	02	7 03	0					1	09 49	277	-51	4 320	0					9	07 87	355	326	21
15	00904	02	7 02	0					2	09 06	294	-51	8 314	0					9	20 72	053	350	09
16	75600	01	3 06	1	0 07	006	0 07	006	2	08 53	316	-50	3 310	0					1	28 69	016	149	11
17	00902	02	8 07	0					1	08 22	328	-49	8 307	0					9	07 90	346	195	16
18	75600	02	2 04	1	0 11	000	0 11	000	1	07 98	342	-47	9 307	0					5	10 01	251	169	07
19	9-0--	45	2 06	0					2	08 61	312	-50	7 311	0					8	08 61	312	193	25
20	66400	10	7 08	0					1	08 44	318	-49	4 310	0					9	08 67	307	121	26
21	76300	02	2 05	0					1	08 31	326	-48	8 309	0					9	08 86	299	154	18
22	862--	71	8 03	0					1	07 74	350	-48	7 303	0					9	07 36	370	028	23
23	8092-	03	3 06	0					1	08 34	322	-50	9 307	0					9	17 80	081	206	06
24	64600	02	8 03	0					1	08 44	316	-48	1 313	0					9	09 59	265	209	10
25	8095-	03	3 06	0					1	07 78	350	-48	5 303	0					9	01 86	800	350	10
26	862--	71	8 07	0					1	07 83	346	-48	0 305	0					9	28 00	018	023	09
27	8092-	02	8 02	0					1	07 60	356	-47	2 303	0					7	10 85	222	180	07
28	854--	02	1 03	0					2	08 21	327	-47	7 311	0					9	07 45	367	149	26
29	00904	02	1 09	1	0 54	945	0 54	945	1	08 34	326	-49	7 308	1	13 24	158	-39	9 395	9	06 62	418	166	20
30	16470	02	8 02	0					1	07 21	380	-45	4 301	0					6	07 80	347	130	08
MEAN										08 25	330	-49	0 308		13 24	158	-39	9 395					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.) gpm.	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20974	-40	4	154	05	24452	-40	1	134	04	27233	-38	9	134	08					
02	20964	-42	0	153	02	24441	-40	5	160	04	27209	-39	3	125	05					
03	20937	-40	9	162	05	24420	-39	1	152	04	27196	-38	5	129	07					
04	20989	-40	4	129	05	24471	-39	5												
05	20956	-41	0	130	02	24432	-40	1	124	04	27207	-38	7	138	05					
06	21005	-39	9	107	04	24485	-40	1	097	03	27262	-38	5	120	05					
07	21067																			
08	21032	-41	0	130	02	24510														
09	21127	-41	0	358	03	24609	-41	0	054	03	27388	-38	5	073	03					
10	21084	-40	8	349	04	24565	-40	2	335	03	27337	-39	0	065	02					
11	21057	-40	4	350	03	24539	-39	6	030	05	27308	-39	3	079	05					
12	21058	-40	7	353	03															
13	21021	-41	4	046	02	24499	-40	6	074	03	27284	-38	2	000	00					
14	21024	-40	7	014	07	24510	-39	8	015	03	27285	-39	4	069	05					
15	21025	-40	8	028	06	24518	-39	3	075	03										
16	21020	-40	6	096	04	24515	-38	9	056	06	27302	-37	8	075	08					
17																				
18	21005	-39	7	110	05	24501	-38	8	099	08										
19	21009	-39	6	092	04	24508	-38	4	114	07	27305	-36	8	086	07					
20	21026	-39	6	106	07	24524	-38	0	105	05	27329	-36	2							
21	20995	-40	0	116	02	24493	-37	6	103	08										
22	21036	-39	7	129	06	24543	-38	2	155	11	27350	-35	6	106	07					
23	21028	-38	9	164	04	24543	-37	1	170	05	27360	-35	0	112	04					
24	21045	-38	8	120	03	24563	-38	6	150	02	27370	-35	0	097	04					
25	21044	-38	6	093	03	24557	-37	4	101	05	27367	-35	9	107	05					
26	21088	-38	8			24602														
27	21087	-38	6	136	05	24602	-37	5	131	03	27408	-36	2	126	06					
28	21117	-38	9	165	08	24640	-36	2	155	05	27439	-37	3							
29	21167	-38	9	190	05	24690	-37	0	159	04	27505	-33	3	158	03					
30	21126	-38	4	150	05	24648	-36	6	000	00										
MN	21038	-40	0	* 112	03	24533	-38	8	* 107	03	27322	-37	4	*					*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA $h_0 c_l h c_m c_h$	ww	cppp	FREEZING LEVELS Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	TROPOPAUSE (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	TROPOPAUSE (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	MAX. WIND LEVEL Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	863--	10	7 10	0					1	07 39	371	-46	9 301	0					9	07 86	345	314	16
02	20916	02	2 03	0					2	06 84	400	-43	4 298	0					9	07 07	386	281	14
03	864--	71	2 04	0					1	08 00	339	-50	0 304	0					9	02 71	715	023	10
04	861--	71	3 03	0					1	08 70	306	-53	5 308	0					9	07 48	369	038	09
05	862--	71	4 00	0					1	07 92	342	-50	2 303	0					9	01 16	879	335	12
06	8091-	71	2 08	0					1	08 38	322	-50	3 308	0					9	07 44	371	008	12
07	55400	01	2 04	0					2	06 91	400	-42	7 299	0					8	07 77	353	337	13
08	30950	02	8 01	0					2	07 76	355	-44	7 308	0					9	07 41	373	329	21
09	30940	02	1 01	1	0 45	966	0 45	966	1	09 27	289	-50	0 318	0					9	07 67	366	300	26
10	17110	22	7 05	3	0 13	001	0 38	971	2	09 20	293	-51	5 315	0					9	08 71	314	266	20
11	864--	71	2 01	0					1	08 52	319	-48	7 312	0					9	01 19	876	338	13
12	55570	02	2 01	1	0 15	004	0 15	004	2	08 21	336	-47	8 308	0					9	08 17	338	334	16
13	45570	02	7 05	0					1	09 09	295	-50	6 316	0					9	08 19	338	325	24
14	00900	10	7 01	0					2	09 61	271	-52	8 320	0					9	08 02	346	326	10
15	861--	10	3 02	0					2	08 90	300	-51	7 313	0					9	00 65	933	359	11
16	55152	02	7 02	1	0 12	000	0 12	000	1	08 66	308	-51	0 312	0					9	08 95	295	209	15
17	855--	02	3 04	0					1	08 51	314	-49	4 312	0					6	07 80	351	137	12
18	851--	02	2 04	1	0 12	000	0 12	000	2	07 73	355	-48	1 303	0					9	07 31	378	222	14
19	65500	10	2 01	0					1	09 08	291	-52	6 314	0					9	08 79	305	148	17
20	00901	10	7 02	0					1	07 70	356	-48	0 303	0					9	07 87	346	173	18
21	856--	71	2 01	0					1	08 34	323	-50	8 307	0					9	08 01	340	108	22
22	85500	71	7 03	0					1	08 17	330	-49	6 307	0					9	25 99	025	126	20
23	75700	02	4 00	0					2	07 95	341	-49	5 304	0					9	08 66	305	142	07
24	854--	02	3 04	0					1	07 62	358	-47	2 303	0					9	01 45	843	314	09
25	859--	71	7 06	0					1	07 99	338	-48	9 306	0					9	22 55	040	057	08
26	864--	71	6 03	0					1	07 63	355	-47	9 303	0					0				
27	855--	02	3 02	0					1	07 33	371	-45	8 302	0					9	08 51	311	176	16
28	55700	02	3 05	1	0 15	990	0 15	990	2	07 60	361	-45	0 306	0					9	07 40	372	144	25
29	20930	02	2 06	3	0 29	979	0 54	950	1	07 75	353	-45	8 307	0					9	07 09	390	123	19
30	86100	71	2 11	0					1	06 82	402	-44	8 296	0					9	06 57	417	045	07
MEAN										08 12	336	-48	6 307										

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

CLYDE, N.W.T.

JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1026	-18	6	70	225	15	0211	-18	4	74	233	15	0890	-19	4	78	241	14	0993	-22	2	77	239	14
02	1034	-26	9	67	160	03	0258	-22	3	67	178	02	0640	-23	5	65	207	01	1030	-25	2	57	231	02
03	1031	-21	1	72	180	06	0242	-21	5	74	168	10	0630	-22	0	76	165	10	1022	-17	8	77	187	08
04	1011	-16	4	76	000	00	0099	-13	8	75	000	00	0500	-07	0	65	178	08	0915	-09	9	71	193	11
05	1028	-20	9	72	100	03	0224	-18	0	52	099	03	0610	-20	9	57	172	02	1003	-22	4	50	154	05
06	1024	-20	6	69	125	10	0193	-20	5	70	142	10	0560	-21	6	72	156	09	0968	-24	4	77	154	10
07	1007	-16	2	70	180	03	0072	-16	5	71	180	03	0465	-17	9	75	178	05	0864	-19	7	76	180	07
08	1010	-17	1	80	000	00	0088	-17	3	80	143	01	0480	-14	9	80	153	03	0890	-07	9	78	165	07
09	0994	-06	1	90	120	15	-035						0370	-07	5	89	129	15	0783	-09	3	87	150	13
10	1017	-20	0	56	090	07	0145	-19	4	54	120	05	0530	-17	7	48	178	04	0930	-19	2	44	176	08
11	1015	-17	8	82	000	00	0128	-17	3	82	178	02	0510	-12	1	80	171	09	0934	-08	3	65	175	17
12	1011	-17	8	79	320	10	0096	-18	1	79	320	10	0480	-19	8	79	359	06	0884	-08	4	86	120	07
13	0998	-16	4	78	360	03	0004						0400	-09	9	86	121	06	0814	-04	0	91	144	21
14	1003	-20	0	76			0040	-20	2	76			0420	-22	8	76			0812	-25	2	79		
15	0979	-13	9	83	310	13	-142						0250	-13	3	84	350	11	0661	-12	4	84	039	13
16	0988	-18	5	70	180	07	-075						0305	-20	2	67	228	05	0704	-22	5	64	238	02
17	1005	-30	9	74	000	00	0054	-29	7	74	000	00	0425	-26	1	70	220	02	0815	-28	3	64	206	04
18	1019	-35	2	82	040	01	0148	-26	2	55	010	01	0515	-28	1	54	267	02	0905	-30	0	59	185	03
19	1026	-36	6	70	000	00	0195	-30	7	59	186	01	0560	-30	7	64	165	02	0945	-29	2	60	176	03
20	1027	-28	2	64	320	04	0208	-29	0	64	352	04	0580	-30	5	65	047	05	0965	-24	0	52	090	10
21	1015	-23	6	75	320	13	0125	-24	4	76	326	12	0500	-25	7	79	012	10	0893	-16	4	80	067	12
22	1019	-26	7	77	315	05	0153	-24	6	68	328	06	0530	-26	8	75	013	06	0918	-22	4	74	069	07
23	0996	-20	6	82			-016						0365	-24	0	81			0754	-26	0	78		
24	0986	-18	4	78			-087						0295	-21	4	78			0689	-24	7	77		
25	1002	-26	7	62	000	00	0030	-26	6	61	000	00	0405	-26	9	55	168	03	0791	-27	0	50	145	05
26	0986	-23	9	79	320	20	-088						0285	-26	9	80	-		0674	-27	4	78	-	
27	0994	-20	9	72	180	04	-026						0350	-22	3	59	294	04	0747	-23	7	65	342	05
28	1011	-30	4	81	000	00	0095	-26	2	76	000	00	0470	-25	7	75	000	00	0859	-26	6	74	190	01
29	1025	-31	4	73	000	00	0192	-27	0	65	000	00	0570	-24	2	58	141	01	0960	-25	1	54	190	01
30	1007	-24	6	70	310	08	0065	-24	8	70	912	08	0430	-26	3	72	343	08	0830	-22	5	75	029	09
31	1004	-26	7	72	000	00	0045	-25	2	72	000	00	0430	-15	5	66	209	04	0835	-16	0	58	188	06
MN	1010	-22	3	74	*		85	-22	5	69	*		466	-21	0	71	*		864	-20	0	70	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1412	-22	8	75	232	15	1856	-24	4	74	222	19	2330	-24	9	73	214	22	2828	-26	2	71	212	24
02	1447	-25	4	60	246	05	1889	-25	0	53	248	09	2365	-26	1	49	225	10	2853	-29	5	47	223	10
03	1449	-17	7	70	203	08	1902	-19	5	73	212	09	2380	-21	5	75	223	11	2886	-23	5	78	221	12
04	1353	-13	0	77	206	14	1814	-15	3	81	206	20	2310	-14	2	78	207	22	2826	-14	5	72	195	18
05	1422	-23	6	39	284	06	1864	-25	6	57	287	10	2335	-26	6	59	270	15	2828	-27	9	29	266	18
06	1386	-21	1	61	161	09	1835	-20	6	51	189	07	2310	-22	0	51	212	08	2817	-24	0	46	235	09
07	1297	-15	9	76	181	07	1753	-18	2	76	196	08	2240	-20	6	75	209	10	2740	-23	4	75	212	10
08	1332	-10	6	71	177	12	1796	-13	4	63	171	12	2295	-17	3	64	168	12	2796	-22	2	72	159	12
09	1223	-12	2	85	142	10	1684	-15	9	63	150	09	2180	-19	6	79	149	10	2676	-22	1	75	150	11
10	1355	-19	2	38	177	12	1805	-21	0	48	182	13	2285	-22	8	58	186	16	2785	-23	6	67	193	19
11	1376	-11	2	68	180	14	1839	-14	2	73	182	20	2320	-16	0	76	188	22	2841	-20	3	79		
12	1329	-06	6	88	157	18	1803	-08	5	87	159	18	2300	-10	6	85	160	18	2830	-12	9	83	167	21
13	1264	-05	3	92	150	28	1739	-08	1	90			2240	-11	3	87			2764	-13	3	83		
14	1230	-23	5	75			1672	-25	8	76			2160	-25	5	75			2640	-26	2	74		
15	1096	-14	7	82	053	13	1555	-15	7	80	070	12	2030	-18	7	79	101	11	2550	-21	9	76	108	13
16	1122	-24	8	71	234	02	1565	-25	7	75	234	04	2025	-27	2	71	217	04	2524	-30	0	71	201	04
17	1223	-29	6	60	190	06	1655	-31	0	56	171	06	2110	-33	2	56	164	08	2593	-35	0	58	169	09
18	1311	-31	7	62	186	05	1738	-34	8	64	174	05	2200	-33	5	61	174	07	2673	-32	9	60	187	09
19	1354	-28	6	53	185	03	1789	-29	2	46	196	05	2255	-29	9	39	197	11	2740	-31	7	35	196	14
20	1382	-24	4	35	105	15	1825	-24	0	27	112	19	2290	-27	3	A19	112	20	2787	-31	0	A20	125	20
21	1323	-17	3	83	090	15	1776	-20	0	83	107	19	2250	-23	5	80	108	19	2751	-27	2	77	109	20
22	1339	-21	0	44	102	12	1787	-22	1	28	114	14	2270	-24	1	A18	123	15	2761	-26	7	A19	133	16
23	1190	-12	5	82			1653	-14	0	87			2150	-14	4	85			2662	-16	3	82		
24	1114	-16	8	86			1576	-14	2	84			2060	-17	3	84			2576	-19	3	81		
25	1203	-28	5	45	134	08	1695	-31	8	54	125	08	2100	-35	3	64	097	06	2568	-35	4	59	093	06
26	1086	-25	7	75	-		1529	-22	3	76	-		2000	-24	7	77	-		2498	-29	1	74	098	06
27	1162	-26	7	71	004	05	1604	-24	6	77	003	04	2080	-23	0	79	110	05	2577	-26	4	77	151	08
28	1271	-27	4	74	229	02	1707	-28	5	74	246	03	2185	-30	5	73	292	05	2656	-32	5	71	215	04
29	1374	-26	3	49	217	02	1812	-28	6	47	203	03	2280	-31	4	45	203	04	2759	-32	8	41	195	08
30	1252	-21	5	77	058	11	1700	-21	8	79	106	13	2190	-21	1	81	140	15	2688	-20	4	81	152	17
31	1264	-17	6	54	191	06	1718	-19	4	56	187	07	2200	-21	2	59	178	10	2703	-23	9	52	168	12
MN	1288	-20	1	67	156	06	1738	-21	4	66	*		2217	-23	1	65	*		2715	-25	3	64	179	09

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1031	-23	4	53	000	00	0245	-20	6	54	198	03	0630	-21	1	46	203	05	1024	-20	7	38	210	06
02	1039	-28	3	76	000	00	0293	-23	1	63	117	02	0660	-25	7	67	138	04	1058	-24	9	63	160	04
03	1022	-18	0	71	190	02	0177	-16	9	69	185	03	0570	-14	3	66	178	06	0976	-12	2	64	175	08
04	1012	-17	2	75	240	13	0105	-16	3	70	240	13	0495	-15	1	52	245	15	0900	-17	0	37	262	13
05	1031	-26	2	58	000	00	0241	-21	2	64	144	03	0620	-22	4	72	142	06	1016	-23	1	69	150	08
06	1014	-19	4	77	140	04	0120	-19	7	71	141	06	0500	-20	9	74	145	10	0899	-20	6	74	152	11
07	1009	-18	9	69	360	01	0085	-19	1	69	035	01	0475	-16	6	72	169	06	0881	-11	0	75	165	11
08	1008	-15	0	89	360	01	0077	-15	2	88	011	02	0450	-10	9	89	090	06	0882	-10	7	90	128	09
09	1007	-20	6	79			0068	-21	2	79			0450	-23	9	78			0838	-25	3	76		
10	1015	-16	8	78	010	03	0128	-16	8	77	015	02	0515	-14	8	80	118	03	0922	-15	5	85	168	08
11	1012	-16	6	83	315	07	0107	-16	4	85	288	06	0500	-15	7	91	184	04	0916	-05	6	93	166	12
12	1005	-18	7	78	320	06	0054	-19	0	79	325	06	0450	-19	8	83	048	05	0849	-07	2	91	144	14
13	0982	-07	1	88	330	09	-125						0280	-06	9	90	032	09	0697	-05	1	91	111	15
14	1006	-20	0	70	135	02	0057	-19	8	71	130	02	0440	-19	0	74	090	05	0840	-20	2	77	126	08
15	0975	-13	2	80	300	08	-175						0210	-14	6	80	292	10	0621	-17	5	79	293	14
16	0999	-25	4	64	180	06	0008						0380	-24	2	48	249	02	0773	-27	4	57	206	02
17	1012	-30	1	75	000	00	0098	-26	4	58	000	00	0460	-27	9	62	043	01	0855	-29	4	66	128	02
18	1024	-37	7		150	01	0183	-28	3	43	158	03	0550	-30	2	48	160	04	0993	-30	8	52	188	04
19	1026	-32	9	64	010	02	0201	-28	7	53	079	03	0570	-30	0	65	124	04	0953	-27	4	69	146	08
20	1021	-26	1	82	315	09	0163	-27	0	80	317	09	0520	-29	0	70	360	06	0923	-22	8	76	087	06
21	1017	-32	6	64	000	00	0139	-25	6	73	206	01	0510	-24	8	73	190	03	0907	-22	1	67	178	05
22	1009	-19	8	79	310	15	0079	-21	0	82	314	15	0460	-20	8	81	351	13	0859	-17	1	80	038	15
23	0992	-20	8	78	315	18	-044						0330	-24	5	85	-		0727	-22	9	87	-	
24	0992	-19	9	61	180	04	-040						0335	-22	1	63	215	03	0793	-24	7	66	178	03
25	1001	-27	9	71	290	13	0026	-27	9	71	291	13	0400	-29	4	73	351	08	0780	-26	8	75	054	12
26	0989	-22	7	69	315	07	-068						0305	-23	0	60	-		0700	-26	6	59	-	
27	1002	-25	0	78	000	00	0031	-25	0	78	000	00	0405	-24	5	75	152	03	0797	-25	5	74	168	05
28	1020	-33	5	63	190	03	0157	-28	0	67	190	02	0530	-26	5	68	000	00	0917	-27	5	62	196	02
29	1020	-33	2	63	000	00	0155	-29	0	60	000	00	0520	-26	3	59	141	03	0919	-24	2	50	140	05
30	0995	-23	8	75	330	03	-023						0360	-25	2	74	316	06	0742	-26	2	77	273	06
31	1015	-26	9	77	000	00	0126	-20	5	69	000	00	0500	-20	9	65	000	00	0904	-21	0	62	263	09
MN	1010	-23	1	73	*		89	-22	2	70	*		464	-21	6	70	*		863	-20	6	70	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1445	-22	5	40	224	08	1889	-24	6	55	217	12	2360	-25	7	56	204	15	2856	-27	9	46	200	18
02	1476	-23	0	32	181	04	1923	-21	3	A18	192	06	2400	-22	5	A18	202	05	2904	-23	2	A18	218	09
03	1411	-14	4	70	193	10	1871	-14	7	75	201	13	2360	-14	9	78	210	17	2879	-16	7	84	206	20
04	1326	-19	8	27	264	15	1774	-22	7	A18	254	16	2250	-25	6	A19	242	16	2742	-28	7	A19	233	17
05	1435	-22	1	54	162	08	1881	-22	9	57	184	05	2350	-23	8	93	216	06	2856	-24	8	A18	216	09
06	1324	-18	4	78	163	10	1776	-20	4	79	180	11	2260	-22	6	80	180	12	2757	-22	2	79	185	12
07	1319	-12	3	71	177	09	1781	-14	5	71	197	11	2270	-17	6	73	185	11	2781	-20	8	75	189	11
08	1320	-12	4	90	141	12	1781	-16	1	87	149	12	2260	-20	0	84	147	14	2774	-21	2	79	151	18
09	1252	-26	9	75			1690	-26	5	74			2170	-28	5	73			2648	-29	6	72		
10	1356	-13	2	81	176	14	1818	-14	3	77	175	14	2310	-17	4	78	186	13	2819	-19	9	78	194	17
11	1363	-07	5	90	174	13	1853	-10	5	87	190	13	2320	-13	6	84	189	13	2848	-17	0	80	183	18
12	1296	-06	3	93	148	22	1770	-07	6	87	148	21	2285	-10	0	76	155	25	2801	-11	8	73	168	21
13	1146	-06	3	89	132	23	1618	-09	2	88	130	21	2130	-12	3	86			2640	-14	2	83		
14	1263	-20	9	77	143	11	1711	-21	5	78	152	16	2200	-22	2	78	144	18	2690	-25	1	77	144	18
15	1046	-20	4	78	304	14	1493	-23	1	78	286	10	1960	-22	0	79	243	08	2473	-24	7	78	223	09
16	1183	-28	4	55	189	06	1618	-29	5	49	202	08	2075	-31	3	42	205	09	2564	-32	4	31	196	10
17	1262	-31	6	66	158	04	1689	-34	4	63	144	07	2150	-35	5	65	132	12	2618	-36	2	69	145	13
18	1340	-30	8	51	194	06	1770	-31	2	50	180	09	2240	-30	8	43	185	11	2717	-31	4	37	177	15
19	1366	-25	4	49	139	11	1808	-24	5	42	146	11	2275	-27	5	57	161	14	2768	-31	0	60	171	15
20	1346	-18	3	79	129	11	1798	-20	2	81	138	11	2270	-23	8	78	138	12	2773	-27	5	75	157	13
21	1326	-23	7	55	162	05	1769	-25	4	41	146	07	2240	-27	2	A19	153	10	2730	-30	1	A20	154	10
22	1291	-14	6	85	057	17	1750	-16	3	81	068	14	2240	-19	9	79	077	13	2741	-21	9	79	104	14
23	1155	-13	9	94	-		1619	-12	7	95	-		2110	-15	9	93	078	07	2628	-18	6	91	103	06
24	1147	-27	4	68	197	03	1585	-27	6	69	292	03	2050	-28	0	71	030	05	2543	-29	0	73	055	07
25	1198	-23	9	78	083	16	1639	-27	0	76	092	14	2100	-30	2	75	096	15	2588	-33	8	73	098	16
26	1113	-24	8	55	-		1560	-22	5	94	-		2030	-25	3	55	080	06	2532	-26	1	67	128	08
27	1210	-27	2	74	152	04	1646	-29	1	74	150	04	2110	-30	1	74	151	03	2597	-30	5	74	157	05
28	1328	-28	2	56	219	03	1784	-29	3	45	214	04	2240	-31	3	39	211	05	2708	-34	4	37	209	06
29	1335	-24	5	40	151	07	1777	-24	9	28	152	08	2250	-26	1	A19	162	08	2743	-27	8	A19	173	10
30	1167	-16	6	79	248	06	1621	-19	7	80	210	10	2100	-23	1	81	185	10	2599	-25	5	80	186	10
31	1326	-20	6	58	259	07	1773	-22	7	55	258	08	2250	-25	5	53	236	09	2742	-28	3	50	205	12
MN	1286	-20	2	67	159	06	1735	-21	5	64	*		2213	-23	5	63	*		2712	-25	6	61	175	10

A — *Statistical Value for Relative Humidity*

* — *Vector Mean Wind*

\- — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

CLYDE, N.W.T.
JANUARY 1963

STATION INSTRUMENTATION
USWB type radiosonde, Metax RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3924	-34	4 66			5186	-40	0 60			6673	-51	0			8531	-55	4		
02	3938	-36	4 42	227	16	5180	-44	3	224	28	6646	-53	1			8490	-55	3		
03	4005	-26	5 81	226	20	5305	-33	1 74	225	26	6837	-44	6			8699	-59	8		
04	3976	-23	2 64	194	19	5282	-32	8 77	195	24	6820	-43	5			8704	-54	8		
05	3931	-29	8 A19	266	28	5209	-37	9 A22	260	33	6709	-49	3			8533	-63	4		
06	3930	-30	0 50	230	13	5211	-36	5 35	233	18	6725	-46	3	225	15	8574	-60	8		
07	3855	-28	0 77	213	16	5137	-38	0 67	211	18	6642	-48	6	223	16	8488	-59	0		
08	3916	-27	4 74	148	12	5214	-34	4 48	162	16	6734	-46	4	163	22	8591	-60	0		
09	3787	-31	8 68	161	14	5065	-43	0	174	21	6530	-49	0	157	20	8393	-55	1	151	20
10	3904	-28	4 74	183	21	5187	-37	9 73			6690	-49	0			8522	-62	4		
11	3974	-23	8 45			5284	-32	5 33			6814	-45	6			8697	-54	0		
12	3996	-19	0 79	188	25	5326	-28	2 74	175	26	6898	-37	0 68			8825	-52	6		
13	3929	-18	7 74			5261	-28	6 59			6820	-41	1			8704	-57	0		
14	3733	-34	9 69			4980	-43	0			6472	-48	0			8345	-54	3		
15	3667	-29	8 71	128	17	4939	-39	6 65	145	18	6435	-47	3	138	20	8285	-56	3	152	27
16	3607	-36	4 69	192	06	4851	-44	3	187	03	6313	-54	3	130	03	8133	-57	2	153	07
17	3662	-39	0 46	152	13	4894	-45	7	155	13	6356	-53	6	157	11	8158	-64	3	161	11
18	3753	-36	2 56	178	11	5003	-42	9	174	12	6476	-52	4	180	14	8288	-62	8	174	14
19	3816	-37	7 34	177	12	5053	-45	6	168	15	6508	-55	5	162	12	8298	-66	0	140	08
20	3863	-38	8 49			5090	-48	8			6518	-60	5			8281	-67	3		
21	3841	-36	4 70	113	22	5075	-46	6	119	29	6525	-55	6			8315	-65	5		
22	3868	-29	6 58	146	19	5156	-35	2 64	146	15	6680	-44	4	167	21	8546	-59	0	180	27
23	3809	-22	0 75			5135	-28	7 70			6711	-37	4 56			8631	-53	2		
24	3706	-27	0 75			4994	-36	7 67			6502	-47	7			8360	-58	6		
25	3637	-38	5 48	106	07	4874	-44	5	091	09	6362	-48	1	054	13	8239	-53	6	047	16
26	3588	-34	1 71	093	06	4856	-38	7 70	178	10	6358	-46	7	182	10	8219	-58	6	147	12
27	3674	-34	2 71	136	07	4923	-43	1	177	07	6406	-49	4	206	05	8253	-58	2	184	08
28	3734	-36	3 67	198	04	4986	-41	6	196	07	6474	-49	4	192	09	8326	-57	4	167	13
29	3835	-37	7 41	201	18	5074	-44	7	197	22	6545	-51	5			8388	-56	7		
30	3811	-29	1 76	157	21	5084	-40	0 71	152	24	6583	-47	6	163	36	8452	-54	8		
31	3814	-30	7 35	172	16	5081	-40	9	174	20	6566	-48	8	173	24	8427	-54	9	174	40
MN	3822	-31	1 61	*		5093	-39	3 61	* 184	14	6591	-48	5 62	*		8442	-58	3	*	

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11074	-62	1			12831	-66	6			15273	-66	6							
02	11040	-60	9			12811	-65	3			15262	-68	4							
03	11168	-67	5			12905	-67	7												
04	11186	-70	6			12915	-66	8												
05	11025	-65	0			12781	-66	7			15227	-69	4							
06	11014	-68	1			12745	-67	7			15165	-71	7			17245	-76	3		
07	10976	-66	5			12711	-69	0			15130	-70	7							
08	11039	-71	8			12740	-70	7			15141									
09	10934	-61	0	152	16	12705	-66	1	184	12	15146	-70	0	206	19					
10	11026	-62	2			12804	-63	9			15253									
11	11194	-67	7			12934	-67	2			15386									
12	11320	-72	8			13009	-72	0												
13	11178	-68	0			12932	-68	0			15339	-72	0							
14	10910	-61	0			12687	-66	1			15119	-74	2							
15	10869	-58	1	172	29	12676	-59	3			15163	-65	7							
16	10693	-58	6	163	13	12490	-61	4	165	17	14985	-65	6	182	21					
17	10646	-62	0	195	06	12416	-64	6	188	12	14878	-67	4							
18	10781	-62	6	174	10	12341	-65	5	177	16										
19	10760	-62	5	164	14	12545	-65	0	171	14	14997	-68	4	170	14					
20	10740	-63	7			12492	-65	0			14928									
21	10787	-64	2			12544	-67	2			14982									
22	10977	-71	1	174	25	12689	-68	8	173	22										
23	11118	-73	0			12818	-67	1			15273	-67	8							
24	10871	-62	4			12642	-63	1			15138	-62	0			17321	-63	6		
25	10810	-58	8	073	11	12598	-63	8	113	04	15092									
26	10742	-57	6	173	09	12543	-60	6	179	11	15058	-60	0	197	16	17295	-57	9	202	26
27	10792	-60	3	186	11	12579	-61	8	187	11	15087	-61	9	196	15	17313	-57	0	215	29
28	10865	-59	0	176	10	12663	-62	0	185	10	15186	-59	7	196	10					
29	10951	-58	0			12758	-60	0			15299	-58	1			17584	-49	8		
30	11024	-56	7			12841	-58	3			15402	-53	1			17732	-46	4		
31	11019	-53	7			12858	-54	2			15465	-47	5			17895	-37	3		
MN	10953	-63	5	*		12716	-64	8	*		15168	-65	0	*		17484	-55	5	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3947	-35	3 A21	202	23	5195	-43	4	196	27	6677	-50	1	200	43	8521	-58	2		
02	4025	-26	5 A19	231	12	5322	-35	0 A21	232	17	6838	-47	4	221	19	8674	-62	1		
03	4027	-21	8 43	206	16	5340	-32	5 66	204	20	6871	-44	2	224	18	8748	-57	7		
04	3895	-32	8 A20			5094	-40	9			6586	-48	2			8465	-52	0		
05	3975	-28	2 A19	222	12	5265	-36	6 A22	223	16	6775	-48	2	231	21	8612	-61	7		
06	3876	-28	4 76	204	12	5160	-37	8 74	201	15	6665	-48	1	194	20	8502	-62	6	203	31
07	3904	-27	5 77	199	18	5201	-34	1 68	201	15	6730	-44	4	170	18	8590	-60	9	183	12
08	3896	-27	7 32			5184	-37	4 A22			6688	-47	4			8539	-59	7		
09	3750	-36	7 69			4982	-41	6			6481	-45	7			8360	-52	6		
10	3949	-26	4 78	186	19	5242	-36	0 73			6754	-46	7			8607	-58	7		
11	3993	-23	1 79	204	21	5306	-30	1 74			6866	-38	5 73			8783	-53	0		
12	3964	-19	4 77			5294	-29	6 75			6846	-40	0 67			8771	-51	9		
13	3792	-22	4 77			5108	-31	7 69			6647	-43	1			8597	-53	4		
14	3795	-31	7 74	147	19	5063	-39	1			6571	-46	9			8429	-57	7		
15	3583	-30	8 52	170	07	4863	-38	1 A22	148	11	6364	-48	6	133	20	8209	-58	0	144	23
16	3696	-38	7 A22	181	10	4868	-46	3	193	09	6325	-55	4	197	06	8123	-62	6	202	09
17	3682	-37	7 62	161	14	4923	-44	4	169	12	6384	-54	3	184	15	8189	-61	9	187	14
18	3795	-37	4 A22	180	16	5035	-43	8	175	17	6505	-53	4			8309	-63	8		
19	3842	-39	3 60	178	18	5062	-50	3	188	22	6483	-59	6	150	21	8261	-64	9	151	15
20	3863	-35	7 70	128	20	5105	-44	8	136	24	6563	-55	3	135	28	8340	-66	6		
21	3812	-36	8 A22	145	12	5051	-45	8	155	16	6512	-53	7	157	15	8324	-61	3	169	14
22	3873	-21	4 77	127	18	5195	-30	8 75	155	14	6743	-41	7	156	24	8630	-57	0	183	22
23	3763	-25	3 85	109	12	5069	-31	7 77	102	16	6613	-42	5	091	17	8492	-57	9	102	25
24	3647	-30	8 72	040	15	4915	-40	5	028	18	6400	-49	4	038	30	8250	-56	6	043	42
25	3654	-39	1 66	110	15	4894	-44	1	143	12	6378	-46	8	176	14	8257	-53	1	182	19
26	3628	-35	0 71	161	12	4884	-40	0 73	083	07	6376	-49	9	054	11	8208	-59	1	095	05
27	3679	-35	8 66	148	07	4939	-39	8 34	148	08	6434	-48	0	162	16	8287	-58	5	169	23
28	3775	-38	5 39	180	14	5017	-43	1	183	19	6498	-50	0	178	20	8332	-59	9	178	10
29	3843	-32	0 A20	193	13	5113	-39	0	180	18	6621	-48	5	181	23	8478	-56	4		
30	3707	-29	4 71	161	21	4990	-36	8 38	172	30	6503	-46	2	163	41	8376	-52	6		
31	3842	-32	2 A20	189	17	5104	-41	5	193	24	6591	-51	8	188	34	8428	-57	0		
MN	3817	-31	1 53	*		5090	-38	9 55	*		6590	-48	2 70	*		8440	-58	4	*	

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11042	-62	4			12811	-63	8			15240	-70	4							
02	11129	-69	0			12859	-67	2			15286	-70	4							
03	11199	-68	6			12920	-68	0			15339	-70	5							
04	11044	-59	0			12826	-62	1			15272	-69	1			17396	-72	8		
05	11044	-70	0			12767	-68	5			15179	-72	1							
06	10952	-65	6			12695	-67	2			15114									
07	11027	-69	7	224	21	12749	-69	7	218	17	15151									
08	10992	-69	9			12715	-69	3			15103	-74	7							
09	10935	-56	7			12729	-61	5			15190	-67	7			17288	-73	6		
10	11124	-62	0			12893	-65	3			15348	-68	6							
11	11284	-69	7			13015	-67	4			15436									
12	11292	-68	0			12986	-72	2												
13	11083	-64	9			12826	-65	6			15279	-70	1							
14	10967	-61	7			12749	-63	2			15207									
15	10772	-57	8	156	20	12574	-61	0			15068	-66	1							
16	10629	-62	4	173	11	12404	-64	0	180	11	14871	-68	7	187	13					
17	10684	-62	9	192	10	12452	-64	0	218	12	14910									
18	10786	-64	6			12545	-65	6			14997	-69	8							
19	10745	-63	1	176	14	12512	-64	4	168	17	14961	-69	2	172	15					
20	10789	-67	5			12539	-66	0			14972									
21	10820	-63	4	177	19	12576	-66	2			15010									
22	11077	-76	0	191	23															
23	10975	-66	8	104	18	12738	-59	6	138	17	15215	-64	0	165	21					
24	10792	-58	3			12583	-63	2			15081	-61	2			17291	-60	8		
25	10835	-59	0	176	14	12635	-60	4	179	13	15140	-63	1	190	14	17351	-59	7	202	24
26	10743	-59	3	177	08	12540	-60	6	205	10	15055	-60	0	207	16					
27	10803	-60	5	171	12	12591	-61	4	181	10	15098									
28	10872	-59	3	183	09	12670	-60	1	199	10	15210	-58	2	218	20	17482	-50	7	215	31
29	11028	-58	5			12825	-60	0			15378	-56	8							
30	10979	-56	4			12803	-57	4			15388	-52	6			17741	-40	7		
31	11011	-55	5			12852	-53	6			15504	-43	9			17934	-36	5		
MN	10950	-63	5	*		12713	-64	0	*		15172	-65	1	*		17498	-56	4	*	

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
– *Entered under Wind Direction Indicates a Stratum of Missing Wind Data*

CLYDE, N.W.T.
JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01																				
02																				
03																				
04																				
05																				
06																				
07																				
08																				
09																				
10																				
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15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24	19435	-52	2			22840	-31	0												
25																				
26	19455																			
27	19495																			
28																				
29	19840																			
30																				
31																				
MN	19556	-52	2		*	22840	-31	0		*					*					*

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA			FREEZING LEVELS Lowest		FREEZING LEVELS Highest		TROPOPAUSE (1)						TROPOPAUSE (2)						MAX. WIND LEVEL				
	$N_h C_L h C_M C_H$	ww	oppp	Code	Alt. gpkm.	Pres mb.	Alt. gpkm.	Pres mb.	Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	38	2 92	0					1	06 86	388	-53	0 289	1	09 31	264	-58	9 313	1	03 39	647	205	25
02	00900	02	2 03	0					2	06 65	400	-53	1 286	1	09 50	256	-59	1 316	3	05 15	503	224	28
03	855--	03	3 24	0					2	09 70	254	-65	7 307	0					1	05 62	478	228	27
04	65500	02	7 29	0					1	10 90	210	-71	5 315	0					3	05 66	474	196	28
05	00902	02	2 24	0					2	08 30	311	-63	0 294	0					1	05 21	500	260	33
06	25500	38	7 24	0					1	09 88	242	-71	2 302	0					4	05 09	508	235	19
07	40950	01	6 09	0					1	10 84	204	-66	8 325	0					4	04 99	511	207	18
08	8042-	02	8 02	0					1	11 18	196	-72	1 320	0					4	06 92	389	165	25
09	8042-	71	7 40	0					1	10 35	219	-61	8 326	2	12 36	158	-65	8 351	8	05 47	469	171	22
10	25508	03	8 03	0					1	08 56	299	-62	5 298	0					1	09 17	501	184	36
11	855--	02	8 09	0					1	10 70	217	-69	4 315	0					2	02 11	771	186	22
12	8042-	71	7 19	0					1	11 43	197	-73	5 318	0					1	06 18	443	187	32
13	864--	71	7 21	0					1	10 80	213	-70	4 315	6	14 29	120	-72	2 368	1	01 29	847	151	28
14	9-0--	39	2 96	0					1	09 18	263	-57	6 316	0					0				
15	8042-	71	7 63	0					2	07 62	334	-56	3 297	1	11 20	190	-59	4 343	1	11 40	184	174	39
16	45530	36	2 27	0					1	06 89	365	-58	4 286	0					8	14 82	103	180	22
17	20920	01	2 10	0					1	08 50	284	-66	0 297	0					1	14 24	111	187	14
18	10920	02	2 17	0					2	08 13	307	-62	5 295	0					7	06 87	376	178	19
19	20920	03	2 08	0					1	08 35	298	-66	3 292	0					1	15 36	094	175	21
20	8092-	02	7 07	0					1	09 19	258	-69	1 300	0					1	03 49	633	199	21
21	9-0--	39	7 21	0					1	08 14	308	-65	5 290	7	12 59	149	-67	4 355	1	05 92	439	120	39
22	8092-	03	8 08	0					1	10 53	216	-75	2 307	0					1	13 47	131	172	34
23	9-0--	39	7 19	0					2	11 18	198	-73	4 317	0					0				
24	9-0--	39	7 10	0					1	09 47	251	-66	8 309	1	13 01	141	-64	8 365	0				
25	20920	01	2 23	0					1	09 63	241	-58	5 323	1	12 58	151	-63	9 359	7	07 29	349	051	18
26	9-0--	39	7 19	0					1	09 18	257	-63	9 309	0					1	17 90	064	205	28
27	5552-	03	2 16	0					2	08 07	309	-58	1 301	0					8	17 11	072	217	23
28	00900	76	2 24	0					1	08 98	270	-60	2 309	0					8	14 48	112	202	15
29	00901	02	8 02	0					2	07 69	395	-55	8 297	0					1	06 20	422	196	31
30	8052-	71	7 59	0					1	10 21	227	-58	6 327	1	13 31	139	-60	4 374	1	06 71	391	162	38
31	20840	02	2 24	0					2	07 83	329	-54	0 302	0					1	08 48	298	174	41
MEAN										09 19	271	-63	8 306		12 02	174	-63	5 349					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01																				
02																				
03																				
04	19338	-76	4																	
05																				
06																				
07																				
08																				
09																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24	19435																			
25	19489																			
26																				
27																				
28	19734	-37	7																	
29																				
30	20072	-32	7																	
31	20273	-36	0																	
MN	19724	-49	7		*					*					*					*

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA			FREEZING LEVELS Lowest		FREEZING LEVELS Highest		TROPOPAUSE (1)						TROPOPAUSE (2)						MAX. WIND LEVEL				
	$N_h C_L h C_M C_H$	ww	oppp	Code	Alt. gpkm.	Pres mb.	Alt. gpkm.	Pres mb.	Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	2 10	0					1	10 60	214	-63	5 325	2	13 89	126	-69	6 368	1	06 72	397	201	43
02	00900	02	4 00	0					1	10 69	215	-69	6 316	0					4	05 75	470	220	23
03	855--	02	7 36	0					1	10 57	222	-72	8 308	6	14 22	121	-71	5 368	4	02 56	731	201	22
04	00900	02	2 35	0					2	09 36	261	-56	4 318	1	14 86	107	-70	6 383	1	03 72	610	225	22
05	00900	02	8 07	0					1	10 45	221	-72	3 309	0					1	08 18	322	244	32
06	855--	02	7 14	0					1	09 83	241	-68	9 307	0					1	09 35	262	202	45
07	855--	02	2 04	0					1	10 08	234	-72	2 304	0					7	11 00	201	224	22
08	8042-	71	7 05	0					1	10 58	214	-70	1 315	0					1	02 79	699	191	18
09	45500	39	2 52	0					1	10 41	217	-59	9 330	6	16 98	079	-74	7 410	0				
10	40830	01	7 13	0					1	09 60	256	-62	3 312	2	12 43	162	-64	9 351	1	05 15	506	199	31
11	855--	02	3 02	0					1	11 18	203	-69	8 320	0					1	05 27	503	194	26
12	855--	02	7 11	0					6	12 19	172	-74	6 328	0					1	03 17	667	170	34
13	8042-	71	7 63	0					1	11 80	178	-67	8 336	7	14 50	114	-68	8 380	1	02 08	794	132	33
14	8091-	70	7 46	0					1	09 31	260	-61	1 312	2	10 60	212	-61	1 330	1	03 34	640	145	21
15	45500	37	2 33	0					1	08 46	288	-59	0 306	7	14 39	112	-65	0 389	1	11 80	170	173	31
16	00908	03	2 23	0					1	07 76	319	-62	7 292	1	11 79	166	-64	1 349	8	13 28	130	177	14
17	30910	01	2 20	0					1	09 20	254	-64	0 309	0					7	06 42	396	185	15
18	00900	02	2 10	0					1	08 81	276	-64	8 301	0					3	05 98	584	182	19
19	10950	02	3 06	0					2	07 47	342	-63	4 285	1	13 27	132	-67	5 367	8	04 95	507	188	22
20	9-0--	39	7 10	0					2	07 75	331	-65	5 285	0					1	06 70	391	194	31
21	00900	02	2 16	0					1	08 90	272	-63	3 304	0					6	11 20	188	179	21
22	9-0--	39	7 28	0					6	11 08	200	-76	0 313	0					6	07 18	374	159	28
23	9-0--	39	7 09	0					1	10 60	213	-68	9 317	2	14 31	116	-68	0 380	8	09 22	266	097	30
24	8042-	71	2 18	0					1	09 59	262	-61	2 318	0					1	08 27	299	043	42
25	8092-	39	8 42	0					2	09 90	232	-57	5 327	0					1	18 32	060	206	25
26	60920	01	3 08	0					1	07 41	341	-58	2 292	0					8	16 21	083	197	20
27	00900	76	2 19	0					2	08 92	270	-62	2 307	0					7	08 52	288	175	24
28	00900	02	2 23	0					1	08 50	292	-60	4 303	0					1	18 51	060	225	37
29	00900	02	7 29	0					2	09 21	267	-58	8 313	0					1	07 60	343	178	34
30	20920	02	3 13	0					1	07 95	321	-53	8 304	0					1	07 01	371	163	43
31	00900	02	2 35	0					1	07 29	360	-56	2 291	0					1	06 98	377	191	39
MEAN										09 53	256	-64	4 310		13 71	132	-67	8 370					

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

CLYDE, N.W.T.
FEBRUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1021	-23	7 67	000	00	0171	-21	4 67	079	01	0550	-22	6 70	116	03	0947	-21	4 66	148	06
02	1026	-25	0 74	140	02	0202	-21	5 55	146	04	0580	-22	6 54	161	07	0974	-22	0 51	168	10
03	1038	-17	3 67	135	10	0295	-18	2 66	143	10	0680	-18	3 61	150	14	1084	-13	4 59	155	15
04	1020	-07	2 92	080	03	0174	-07	5 92	105	04	0580	-05	7 90	152	06	0996	-08	2 91	155	13
05	1011	000	0 97	140	18	0100	-00	3 96	143	18	0500	-00	4 91	162	15	0941	-02	5 86	177	15
06	1019	-02	9 90	180	05	0168	-03	8 91	179	05	0570	-06	3 94	172	06	0994	-05	6 86	164	11
07	1028	-10	9 83	320	08	0224	-13	0 84	322	09	0630	-13	9 88	332	08	1026	-10	1 86	010	02
08	1027	-16	1 79	090	01	0216	-14	1 79	001	04	0610	-14	0 78	326	03	1020	-10	9 70	117	03
09	1024	-16	7 64	320	05	0193	-12	8 63	321	08	0590	-12	5 48	323	12	1000	-10	4 54	324	13
10	1025	-22	1 73	320	04	0202	-16	2 81	322	04	0595	-11	6 80	322	03	1004	-12	3 71	272	04
11	1019	-13	9 76	280	04	0158	-14	2 78	303	05	0530	-15	2 83	345	05	0957	-12	8 71	354	04
12	1000	-16	7 66	000	00	0014					0410	-12	5 55	309	06	0817	-10	9 46	300	05
13	1006	-21	7 74	325	10	0060	-22	2 74	324	10	0435	-25	1 76	317	12	0826	-27	0 76	312	12
14	1006	-25	0 74	320	07	0059	-25	4 74	327	07	0415	-28	9 73	028	02	0814	-31	1 79	140	04
15	1006	-29	7 61	315	02	0060	-29	9 62	315	02	0430	-31	5 65	312	04	0807	-29	5 68	282	03
16	1009	-28	3 64	000	00	0078	-28	6 65	000	00	0460	-30	0 68	141	02	0855	-21	3 72	165	06
17	1004	-28	8 75	320	03	0047	-28	7 75	321	03	0430	-27	9 72	349	05	0814	-16	0 71	059	03
18	0999	-18	3 68	315	10	0008					0395	-21	0 79	326	13	0787	-20	4 79	344	12
19	1000	-18	6 78	320	08	0013					0400	-19	3 74	316	09	0799	-15	3 79	309	04
20	1007	-18	3 84	305	03	0070	-18	7 84	308	05	0450	-20	5 81	324	16	0854	-16	0 85	335	10
21	1011	-18	3 81	312	12	0097	-18	9 81	-		0489	-21	4 81	-		0879	-15	7 78	-	
22	1014	-20	6 76	320	05	0117	-20	3 70	329	06	0495	-22	9 73	335	06	0893	-21	2 80	360	03
23	1012	-17	2 85	315	09	0105	-18	0 84	-		0480	-21	0 80	-		0889	-18	0 75	-	
24	0999	-20	1 76			0009					0390	-21	9 73			0783	-23	9 70		
25	0991	-19	8 76	300	03	-051					0335	-16	7 28	292	06	0736	-20	1 33	302	11
26	0992	-26	3 63	130	02	-043					0330	-22	4 72	079	01	0727	-24	1 75	171	01
27	0995	-27	9 65	000	00	-021					0360	-25	0 73	348	01	0741	-27	6 74	326	02
28	1001	-28	3 70	235	02	0026	-28	1 70	233	02	0400	-26	7 76	200	02	0786	-29	3 78	162	02
MN	1011	-19	3 75	*		98	-18	2 76	*		483	-19	2 73	*		883	-17	7 71	*	

CONSTANT PRESSURE DATA — 00 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1369	-22	1 67	157	10	1814	-24	0 68	162	12	2295	-25	3 68	170	15	2781	-28	7 65	171	19
02	1394	-22	3 40	174	12	1839	-23	3 32	178	14	2310	-25	7 29	178	18	2809	-26	3 43	187	21
03	1522	-10	5 A16	168	14	1988	-12	5 A16	177	14	2480	-14	7 44	194	16	2998	-18	1 61	196	16
04	1447	-05	1 72	155	22	1922	-07	6 61			2430	-10	6 72			2950	-14	0 62		
05	1392	-05	7 82	165	23	1873	-02	7 70			2390	-06	0 65			2920	-07	9 68		
06	1448	-01	1 22	161	12	1932	-02	8 A14	145	09	2450	-06	0 A15	137	09	2976	-09	6 A15	136	10
07	1468	-08	0 50	070	02	1940	-09	1 34	046	06	2445	-09	4 A15	055	06	2970	-12	2 A16	072	08
08	1461	-09	8 45	122	08	1929	-10	3 A15	117	13	2420	-12	1 A12	125	15	2949	-16	0 A16	130	19
09	1440	-11	0 60			1905	-11	4 48			2410	-13	4 25			2920	-16	9 A17		
10	1439	-14	3 63	153	04	1901	-12	0 A16	169	06	2400	-14	7 A16	173	06	2912	-17	9 A17	165	07
11	1392	-14	0 45	354	03	1855	-12	4 26	003	07	2340	-13	6 26	003	08	2869	-15	8 29	355	08
12	1259	-08	8 44	280	03	1728	-10	2 A15	227	04	2220	-12	3 A15	237	05	2747	-14	2 27	252	07
13	1242	-22	7 76	280	05	1689	-21	0 79	235	05	2175	-21	0 81	220	06	2676	-20	7 88	223	09
14	1222	-26	2 75	172	04	1665	-24	6 77	186	08	2140	-26	1 80	197	11	2635	-22	9 80	190	13
15	1219	-26	2 70	220	05	1659	-25	4 46	194	07	2140	-25	9 30	197	10	2624	-27	9 A19	195	12
16	1264	-17	2 80	183	10	1718	-18	0 83	205	15	2205	-20	0 80	204	16	2708	-23	2 77	204	14
17	1246	-14	7 72	090	08	1705	-16	3 62	089	09	2200	-18	7 50	104	08	2700	-21	2 42	113	06
18	1219	-12	0 87	042	07	1683	-14	1 90	098	08	2185	-14	2 87	112	14	2694	-16	8 85	124	16
19	1243	-07	2 65	162	05	1715	-09	6 44	129	08	2225	-13	3 63	129	10	2731	-17	6 62	150	08
20	1298	-05	2 75	105	07	1773	-08	5 63	109	09	2270	-12	3 50	118	09	2793	-16	0 98	145	08
21	1315	-10	2 81	-		1783	-11	1 82	-		2280	-14	2 79	074	08	2795	-17	5 77	056	08
22	1317	-17	7 73	118	06	1769	-21	2 52	132	07	2250	-24	4 58	120	09	2741	-28	4 49	110	11
23	1319	-15	8 72	-		1774	-18	5 75	-		2270	-20	7 55	095	10	2761	-23	3 49	101	10
24	1200	-21	4 56			1654	-18	7 A17			2140	-21	4 A18			2638	-24	2 A18		
25	1157	-23	8 39	307	14	1598	-27	6 45	316	19	2070	-26	8 37			2560	-27	7 A19		
26	1142	-25	9 67	290	03	1581	-26	6 55	287	07	2050	-26	4 38	287	11	2546	-27	3 A19	285	14
27	1150	-30	0 74	230	03	1583	-30	0 75	255	06	2040	-30	0 75	248	11	2535	-31	5 74	245	16
28	1192	-31	9 79	166	02	1622	-31	7 78	294	04	2080	-32	4 77	230	09	2564	-32	4 70	230	11
MN	1313	-15	7 62	157	05	1771	-16	5 51	*		2261	-18	3 49	*		2768	-20	6 46	170	07

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1024	-27	8 71	000	00	0187	-22	0 62	227	03	0570	-21	6 60	291	08	0963	-23	0 51	225	09
02	1026	-20	5 79	330	04	0206	-20	8 77	302	03	0590	-21	9 73	268	04	0986	-19	8 74	254	07
03	1030	-17	4 80	170	05	0238	-18	8 79	160	07	0625	-18	7 78	155	16	1036	-05	8 81		
04	1010	001	0 94			0098	000	8 94			0500	-00	8 90			0940	-02	0 88		
05	1017	-00	5 85	110	08	0152	-01	4 86	130	08	0570	-03	9 89	179	08	0985	000	0 70	161	14
06	1025	-06	7 94	315	09	0207	-07	4 93	316	07	0610	-08	7 92	226	04	1027	-07	3 85	177	09
07	1027	-11	8 84	315	10	0221	-12	2 84	322	11	0610	-13	0 84	329	11	1025	-10	5 89	019	11
08	1026	-11	2 54	330	05	0212	-12	6 48	325	07	0615	-11	5 26	328	06	1020	-08	2 90	360	02
09	1022	-12	6 74	320	04	0182	-13	4 67	323	06	0588	-13	1 66	338	07	0985	-10	0 69	033	04
10	1025	-16	7 83	000	00	0200	-16	3 77	312	03	0580	-15	3 80	341	06	0996	-13	2 70	007	05
11	1006	-23	5 80	000	00	0059	-20	3 76	000	00	0460	-08	1 42	000	00	0868	-08	8 58	350	02
12	1001	-15	1 84	310	12	0027	-15	2 84	310	12	0410	-18	8 82	320	12	0812	-20	3 82	324	12
13	1006	-23	3 80	330	07	0058	-23	5 80	330	07	0420	-26	1 73	335	05	0821	-27	9 69	010	03
14	1004	-26	1 82	340	08	0042	-26	5 82	340	07	0410	-28	9 77	338	06	0796	-31	6 71	290	08
15	1009	-30	6 67	000	00	0081	-29	7 59	000	00	0460	-30	0 58	000	00	0835	-25	8 62	156	03
16	1007	-28	8 69	000	00	0068	-28	9 67	000	00	0440	-28	8 53	157	04	0831	-14	0 75	163	07
17	0999	-23	3 80	300	10	0012					0390	-25	4 74	313	13	0778	-21	4 81	340	19
18	0997	-20	7 76	330	05	-006					0385	-23	1 70	322	10	0770	-17	9 75	352	07
19	1004	-17	8 76	315	10	0047	-18	0 76	315	10	0420	-21	1 83	323	10	0834	-15	4 67	350	10
20	1010	-18	2 78	300	18	0086	-18	9 80	304	17	0470	-18	7 81	323	14	0873	-14	9 85	348	13
21	1012	-19	3 74	320	15	0101	-20	0 75	-		0480	-23	4 80	-		0878	-21	5 80	-	
22	1013	-17	3 77	310	10	0109	-18	0 77	312	10	0480	-20	9 78	322	09	0891	-19	0 80	010	07
23	1005	-16	0 85	310	15	0055	-16	5 85	-		0440	-19	7 81	-		0837	-22	6 78	-	
24	0992	-21	1 72			-043					0340	-18	8 39			0758	-22	4 38		
25	0991	-25	4 64	000	00	-053					0320	-19	3 39	014	03	0724	-22	5 39	076	02
26	0993	-26	9 66	000	00	-034					0350	-23	2 71	000	00	0752	-26	0 74	000	00
27	0998	-28	2 70	000	00	0004					0370	-26	1 72	000	00	0765	-28	6 73	000	00
28	1004	-34	5 82	000	00	0042	-32	3 75	000	00	0410	-26	2 57	147	01	0802	-28	0 58	040	02
MN	1010	-19	3 77	*		91	-17	8 77	*		475	-19	1 70	*		877	-17	4 70	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1380	-25	1 47	200	08	1819	-27	3 49	176	11	2298	-28	5 45	183	13	2775	-30	8 41	195	13
02	1409	-21	1 76	230	08	1858	-21	8 77	202	10	2330	-23	7 78	180	11	2833	-25	8 79	169	12
03	1483	-08	0 80			1955	-08	5 76			2460	-06	8 75			2994	-10	7 75		
04	1394	-04	0 80			1872	-06	1 71			2370	-10	0 73			2904	-10	1 77		
05	1445	001	7 A14	153	09	1931	-01	8 A14	157	13	2448	-06	0 A15	134	18	2976	-10	3 A15	151	16
06	1471	-08	5 45	181	09	1946	-06	0 27	158	04	2450	-08	0 A15	125	04	2984	-09	7 A15	098	04
07	1466	-09	8 63	037	09	1934	-10	7 55	034	15	2420	-11	7 48	068	14	2958	-12	8 52	066	14
08	1462	-09	2 26	047	04	1932	-10	1 21	048	07	2440	-12	7 A16	039	05	2950	-15	7 A17	029	05
09	1423	-13	7 45	049	05	1884	-14	5 31	037	07	2370	-15	9 A17	050	09	2890	-18	6 A17	080	07
10	1430	-14	2 48	013	02	1893	-12	5 A16	346	02	2390	-15	1 A16	274	03	2902	-18	0 A17	243	03
11	1311	-08	2 A15	038	02	1783	-08	5 A15	052	01	2285	-10	8 A16	048	02	2809	-13	1 A16	336	04
12	1235	-19	8 83	323	08	1686	-18	8 83	294	03	2175	-19	0 86	263	07	2682	-17	2 86	262	08
13	1231	-28	5 70	149	03	1670	-24	6 75	195	07	2150	-24	8 77	210	11	2641	-23	6 78	214	15
14	1208	-22	2 74	170	11	1654	-23	7 77	171	12	2140	-25	9 79	174	14	2621	-28	1 80	170	12
15	1255	-21	6 73	179	10	1702	-22	7 79	185	10	2180	-22	0 30	191	10	2680	-24	9 37	194	12
16	1268	-12	7 78	170	09	1729	-15	5 75	171	10	2220	-19	3 76	175	11	2721	-23	1 76	168	11
17	1208	-13	6 77	042	16	1671	-13	2 43	062	12	2170	-16	3 38	067	10	2676	-20	4 68	073	07
18	1206	-10	2 80	118	07	1674	-10	3 65	139	13	2175	-13	4 43	119	15	2688	-16	9 35	137	17
19	1271	-11	4 88	042	12	1756	-12	2 83	071	12	2230	-12	6 63	073	11	2754	-15	1 46	075	11
20	1313	-07	6 89	050	10	1783	-11	2 86	093	10	2280	-13	5 -	096	07	2798	-15	3 -	096	05
21	1301	-17	4 83	-		1759	-16	8 87	-		2240	-17	1 86	077	11	2759	-20	0 83	075	12
22	1320	-17	3 83	078	09	1772	-20	2 85	090	10	2250	-23	0 83	105	12	2750	-26	0 80	113	14
23	1264	-13	9 74	-		1726	-14	9 69	-		2215	-18	5 66	-		2721	-22	2 63	-	
24	1156	-24	2 35			1608	-19	4 A17			2090	-22	8 A18			2588	-25	9 A19		
25	1142	-23	4 36	198	03	1585	-25	1 96	256	05	2050	-28	0 42	260	09	2546	-28	3 32	294	13
26	1143	-28	3 75	000	00	1581	-26	6 70	257	06	2050	-28	5 60	262	11	2538	-30	2 50	259	12
27	1173	-31	1 73	198	04	1604	-31	0 73	230	05	2060	-30	8 72	240	10	2552	-30	7 68	241	13
28	1211	-29	9 58	069	02	1643	-30	8 53	200	04	2100	-30	1 40	228	10	2594	-29	1 A19	228	15
MN	1306	-16	2 63	119	02	1764	-16	6 57	*		2251	-18	4 51	*		2760	-20	5 50	168	04

A — *Statistical Value for Relative Humidity*

* — *Vector Mean Wind*

– — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

CLYDE, N.W.T.

FEBRUARY 1963.

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3868	-36	0	58	156	19	5114	-43	7		154	21	6586	-53	0				8413	-57	6			
02	3905	-34	1	49			5156	-43	1				6626	-52	6				8462	-56	5			
03	4134	-24	5	70	216	21	5444	-31	6	68	218	28	6994	-40	8				8894	-54	7			
04	4108	-19	9	A17			5456	-29	0	A19			6996	-39	9	A22			8911	-52	9			
05	4099	-17	1	70			5443	-24	9	60			7043	-32	8	A20			9000	-48	9			
06	4148	-17	7	A17	133	12	5487	-27	1	A19	133	12	7059	-38	2	A22	145	14	8976	-53	2		140	28
07	4134	-18	7	A17	077	10	5472	-26	5	42	112	13	7051	-37	4	64	119	20	8977	-52	0		130	35
08	4094	-24	0	A18	137	22	5397	-34	7	A21	119	21	6938	-40	0	A22			8850	-52	1			
09	4059	-24	9	A18			5354	-36	2	35			6862	-47	2				8727	-53	5			
10	4049	-26	0	A19	185	08	5339	-36	0	A21	170	07	6855	-45	0		213	08	8735	-53	0		067	04
11	4016	-22	5	A18	007	11	5331	-31	4	A20	002	12	6874	-42	3		002	14	8772	-51	6			
12	3901	-21	3	66	247	12	5223	-29	9	70	274	14	6775	-41	6		271	15	8673	-52	7			
13	3810	-24	0	81	230	12	5117	-33	6	76	293	17	6647	-43	3		241	22	8538	-52	3		248	26
14	3750	-29	6	78	201	22	5039	-35	9	75	194	32	6565	-44	5				8459	-49	7			
15	3720	-32	7	A20	198	20	4988	-38	5	A22	202	27	6497	-46	0				8376	-50	9			
16	3820	-30	5	72	196	15	5097	-36	2	70	198	23	6621	-44	5				8496	-57	1			
17	3825	-26	6	46	147	09	5131	-32	6	36	141	13	6671	-43	2		142	13	8550	-56	0		146	14
18	3891	-23	9	77	150	15	5142	-32	0	69	152	17	6677	-45	0		157	26	8540	-55	2			
19	3873	-23	2	58	164	13	5187	-32	0	45	156	23	6721	-44	6		158	27	8578	-60	7			
20	3940	-22	8	36	151	16	5250	-32	5	39	162	22	6782	-45	6		162	26	8639	-58	0			
21	3933	-25	0	70	054	09	5295	-33	9	61	079	09	6763	-44	4		133	08	8633	-57	4		164	11
22	3829	-35	8	A21	120	17	5077	-42	3		099	21	6563	-47	9		070	18	8432	-51	9			
23	3874	-30	3	43	124	09	5147	-39	1	33	190	04	6637	-51	3		244	07	8471	-57	2		220	08
24	3752	-28	6	A19			5034	-37	9	A22			6529	-50	5				8378	-52	8			
25	3664	-30	7	A20			4934	-40	1				6421	-51	0				8288	-53	0			
26	3645	-33	5	A21	280	15	4902	-42	1				6384	-49	8				8234	-56	0			
27	3613	-36	7	69	255	18	4863	-42	0				6341	-51	9				8186	-54	6			
28	3643	-36	0	47	237	17	4896	-40	9		252	20	6390	-49	0				8254	-54	1			
MN	3894	-27	0	43	*		5187	-35	2	44	172	11	6710	-45	1	30	*		8587	-54	1		*	

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10991	-53	9			12838	-53	3			15494	-44	3			17930	-36	4		
02	11038	-56	0			12869	-54	5			15476	-52	7							
03	11386	-69	2			13119	-63	7												
04	11444	-61	0			13234	-61	4			15772	-58	3							
05	11532	-69	2			13276	-61	7			15808	-59	2			18048	-51	1		
06	11483	-67	9			13246														
07	11503	-67	8			13255	-60	2			15772	-61	2							
08	11394	-63	4			13192	-59	6												
09	11338	-52	1			13184	-53	0			15770	-56	7			18064	-50	9		
10	11350	-52	8			13202	-53	7			15823	-52	1			18152	-48	6		
11	11416	-49	0			13303	-49	4			15956	-49	5			18297	-50	0		
12	11305	-49	3			13207	-46	4			15884	-48	9			18230	-48	9		
13	11230	-43	6			13165	-43	2			15882	-46	2			18250	-46	7		
14	11164	-44	1			13100	-43	8			15802	-47	3			18156	-48	0		
15	11058	-45	2			12981	-44	9			15675									
16	11113	-47	2			13023	-46	2			15718	-47	0			18076	-48	9		
17	11150	-48	0			13064	-46	3			15733	-50	0			18070	-48	9		
18	11117	-52	7			12987	-50	7			15635	-50	5			17969	-50	8		
19	11151	-53	9			13014	-51	0			15644	-49	4			17972	-51	0		
20	11207	-54	3			13065	-53	1			15687	-52	0			18007	-51	0		
21	11187	-55	5			13045	-51	6			15670	-51	3			17981	-52	7		
22	11066	-49	1			12954	-50	7			15609	-49	8			17935	-51	0		
23	11086	-51	3			12969	-50	0			15623	-48	9			17959	-50	5		
24	11027	-49	1			12912	-48	9			15582	-49	1			17910	-51	9		
25	10929	-48	9			12826	-48	2			15478	-51	4			17777	-54	2		
26	10839	-51	7			12701	-53	2			15315	-51	0			17636	-51	4		
27	10785	-54	3			12634	-52	9			15263	-50	0			17607	-49	8		
28	10862	-53	1			12715	-52	7			15360	-49	7			17691	-50	7		
MN	11184	-54	1	*		13039	-52	0	*		15657	-51	1	*		17987	-49	7	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3858	-35	8	31	200	19	5111	-41	7		197	26	6591	-50	5				8437	-56	5			
02	3937	-32	7	76	172	16	5195	-40	8		225	18	6681	-49	1		254	34	8534	-57	0			
03	4162	-19	2	75			5492	-28	9	73			7054	-40	0	66			8959	-54	3			
04	4087	-12	6	71			5457	-21	7	68			7064	-32	4	61			9037	-47	0			
05	4143	-19	1	A17	151	15	5474	-28	2	A19	153	26	7042	-39	1	A22			8955	-52	1			
06	4152	-19	7	38	110	06	5480	-29	0	A19	128	15	7050	-38	4	A22	130	18	8968	-52	5			
07	4118	-19	7	63	077	14	5456	-26	0	43			7089	-35	4	A21			8986	-51	1			
08	4090	-26	0	A19	050	08	5379	-35	5	51	043	10	6893	-47	2		072	11	8755	-55	5		087	25
09	4026	-25	1	A18	068	12	5324	-35	0	A21	062	15	6843	-46	6		066	13	8719	-54	5		050	15
10	4039	-26	1	A19	344	03	5331	-34	8	A21	030	03	6854	-45	7		354	01	8742	-51	5		036	06
11	3968	-20	7	31	342	07	5290	-30	0	64	327	08	6844	-41	0		343	11	8739	-55	8		347	16
12	3826	-22	0	80	260	11	5136	-32	8	75	247	14	6668	-43	5		295	14	8563	-51	7		243	15
13	3766	-26	2	79	208	20	5058	-35	5	75	209	29	6589	-42	1				8491	-50	0			
14	3723	-32	6	77	184	16	5002	-36	9	66	180	23	6514	-46	0		173	21	8419	-46	5			
15	3792	-29	9	64	200	17	5072	-36	3	45	188	20	6598	-43	9		192	27	8474	-56	6			
16	3840	-29	1	76	184	15	5135	-32	8	72	187	21	6667	-44	7		193	24	8534	-58	2			
17	3815	-23	6	58	136	10	5127	-32	1	50	152	14	6662	-43	2		167	19	8544	-55	3		165	21
18	3828	-24	6	92	135	25	5130	-34	3	42	132	26	6656	-45	0				8519	-58	1			
19	3904	-22	6	54	083	12	5214	-33	0	42	089	17	6744	-44	9		092	16	8614	-55	8		091	15
20	3948	-23	4		108	07	5253	-33	9	63	112	08	6775	-45	8		100	08	8637	-58	2		138	15
21	3887	-26	2	77	063	10	5184	-34	6	79	058	12	6706	-46	1		060	11	8560	-59	2		069	10
22	3851	-32	6	75	127	15	5115	-40	8		153	12	6595	-50	8		167	15	8438	-54	0		150	10
23	3835	-30	6	56	327	04	5105	-39	8	47	314	10	6592	-51	6		304	18	8430	-57	0		298	10
24	3698	-29	4	A19			4975	-39	0	A22			6469	-49	6				8338	-49	2			
25	3639	-33	8	A21	297	13	4898	-40	9		299	14	6383	-50	7				8258	-55	2			
26	3624	-34	9	32	265	13	4877	-41	9		271	16	6361	-50	2		285	12	8208	-56	4		265	08
27	3632	-37	1	64	240	16	4876	-43	9		242	22	6350	-50	6				8211	-55	6			
28	3684	-34	2	A21	234	18	4944	-39	4	A22			6439	-49	2				8285	-57	1			
MN	3888	-26	8	50	*		5182	-35	0	49	178	07	6705	-45	1	38	*		8583	-54	3		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11019	-54	8			12861	-54	0			15486	-50	0			17903	-36	3		
02	11093	-56	4			12911	-57	8			15480	-54	0							
03	11455	-69	5			13211	-61	2			15710	-62	5							
04	11587	-69	5			13333	-60	5			15876	-60	3			18114	-53	4		
05	11493	-64	4			13269	-59	6			15816	-58	3			18053	-56	6		
06	11498	-64	8			13266	-62	1			15794	-59	8			18019	-58	2		
07	11514	-66	7			13278	-60	8			15810	-60	7							
08	11307	-57	3			13135	-56	3			15689	-59	8							
09	11323	-53	1			13172	-54	0			15779	-53	7			18104	-47	8		
10	11363	-52	4		008	13227	-50	0		033	15865	-51	1		057	18195	-49	8		
11	11351	-48	2		002	13245	-48	7			15918	-48	1			18266	-49	5		
12	11230	-46	6			13153	-44	7			15834	-46	2			18207	-48	1		
13	11178	-41	6			13117	-43	0			15834	-46	0			18200	-47	3		
14	11142	-42	8			13086	-42	8			15805	-45	8			18171	-46	9		
15	11115	-46	8			13034	-45	2			15743	-46	1			18103	-47	0		
16	11138	-47	2			13058	-44	9			15739	-48	1			18086	-48	3		
17	11164	-48	0		156	15	13078	-46	1		15747	-49	2			18092	-48	2		
18	11115	-52	1				12992	-51	6		15638	-48	7			17975	-50	0		
19	11184	-51	8		124	10	13056	-50	4		15692	-50	9		114	18012	-51	8		073	09
20	11189	-54	4		129	04	13047	-51	5		15664	-51	9		065	17983	-52	1		080	06
21	11130	-52	5		055	07	13002	-52	0		15646	-49	8		058	17965	-52	1		014	08
22	11067	-48	9		180	04	12954	-48	2		15623	-48	1		332	17953	-49	9		006	09
23	11043	-50	8		260	02	12924	-50	6		15579	-48	0		314	17920	-51	0		313	10
24	10997	-49	5				12897	-47	6		15566	-49	3			17892	-52	6			
25	10869	-50	3				12743	-51	3		15369	-52	2			17676	-51	9			
26	10802	-53	5		314	04	12659	-52	7		15290	-50	7		307	17623	-47	9		319	09
27	10819	-53	8				12676	-53	0		15320	-48	5			17665	-50	2			
28	10870	-53	6				12726	-52	2		15361	-50	3			17682	-52	7			
MN	11181	-53	6	*		13040	-51	9	*		15667	-51	7	*		17994	-50	0	*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

CLYDE, N.W.T.

FEBRUARY 1963.

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20270																			
02																				
03																				
04																				
05	20215																			
06																				
07																				
08																				
09	20264																			
10	20373																			
11	20502																			
12																				
13	20463	-49	3																	
14	20372																			
15																				
16	20273	-51	6			23573														
17	20267																			
18	20147																			
19	20150	-52	8			23425	-56	3			25998	-57	7							
20	20184	-53	5																	
21	20157	-53	9	030	03															
22	20108																			
23	20132	-54	9	319	08	23378	-57	5	330	12	25927	-59	4							
24	20075	-55	1			23315	-59	8												
25	19927	-56	6			23141	-60	9			25640	-63	5							
26	19829																			
27	19792	-53	1			23050	-57	5												
28	19871	-53	6			23132	-54	7			25702	-59	1							
MN	20169	-53	4	*		23288	-57	8	*		25817	-59	9	*					*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	Surface Synoptic Data $h_o c_l h_l c_m h_m c_h$	Surface Synoptic Data ww	Surface Synoptic Data p_{ppp}	Freezing Levels Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Tropopause (1) Alt. gpkm.	Tropopause (1) Pres mb.	Tropopause (1) Temp. °C	Tropopause (1) σ °A	Tropopause (2) Code	Tropopause (2) Alt. gpkm.	Tropopause (2) Pres mb.	Tropopause (2) Temp. °C	Tropopause (2) σ °A	Max. Wind Level Code	Max. Wind Level Alt. gpkm.	Max. Wind Level Pres mb.	Max. Wind Level Velocity deg.	Max. Wind Level Velocity mps.
01	60810	02	8 03	0					1	07 30	359	-57	2 289	0					1	04 87	516	155	21
02	60920	03	8 19	0					1	06 95	382	-55	4 287	0					1	03 91	600	184	34
03	8082-	03	8 06	0					1	10 91	216	-69	5 916	0					1	06 60	424	227	33
04	75500	03	7 30	0					1	10 43	236	-64	1 316	0					1	01 52	843	155	23
05	85500	03	8 01	2	0 02	011	0 57	942	1	11 70	195	-70	1 324	6	18 94	061	-54	0 487	1	01 82	836	162	25
06	864—	02	8 01	0					6	11 46	201	-68	1 324	0					1	09 29	288	139	21
07	864—	70	2 05	0					1	11 43	202	-67	8 324	0					1	10 40	240	135	39
08	00900	02	4 00	0					1	11 28	203	-63	4 331	7	19 10	152	-59	6 366	1	06 90	403	114	48
09	20958	03	7 14	0					1	08 40	316	-54	0 305	1	12 20	175	-56	8 357	1	00 74	931	323	19
10	00900	02	2 02	0					1	08 98	289	-54	1 313	0					1	19 16	060	049	26
11	30920	01	7 24	0					2	08 10	332	-50	6 305	6	17 94	074	-50	9 468	1	07 39	370	007	18
12	60920	02	7 10	0					2	09 23	275	-54	9 316	0					1	07 62	353	267	18
13	864—	38	4 00	0					2	08 00	327	-51	7 303	0					1	08 80	288	247	28
14	865—	70	7 05	0					1	08 19	313	-50	9 310	0					1	05 20	489	192	33
15	00900	02	2 08	0					2	07 56	340	-51	8 302	0					1	04 80	514	202	28
16	00900	02	8 06	0					1	08 50	300	-57	1 305	0					1	04 99	508	198	23
17	00900	01	7 14	0					1	09 08	276	-58	9 310	2	13 49	141	-47	6 395	8	13 40	143	166	18
18	70850	36	2 07	0					2	09 41	261	-58	7 315	0					1	07 99	328	155	46
19	20850	01	2 04	0					1	08 75	292	-62	0 300	0					1	07 80	340	160	32
20	9-0--	39	2 09	0					1	08 59	302	-58	5 302	1	10 29	291	-61	4 322	1	08 19	325	168	28
21	9-0--	39	4 00	0					1	09 08	279	-59	4 308	0					9	08 03	330	159	19
22	60870	01	2 03	0					1	07 75	333	-59	4 301	0					1	08 36	303	072	23
23	45500	38	8 09	0					1	08 30	308	-58	2 301	0					9	02 61	715	099	12
24	20850	38	7 27	0					1	07 48	345	-56	5 294	1	19 80	052	-55	5 506	0				
25	00900	02	2 02	0					1	06 91	371	-59	2 292	2	16 39	087	-54	0 440	1	01 80	778	318	29
26	00900	02	2 03	0					1	08 66	281	-57	0 311	0					1	04 45	934	275	17
27	60820	70	2 02	0					1	07 40	340	-55	2 297	0					1	04 27	945	251	22
28	30950	03	2 05	0					1	08 48	290	-55	0 311	0					1	05 79	438	245	25
MEAN										08 87	292	-58	1 308		15 27	122	-55	0 418					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20228	-39	1																	
02																				
03																				
04																				
05	20229	-47	2																	
06	20172	-51	9			23544														
07																				
08																				
09	20333																			
10	20396																			
11	20464	-50	9			23786	-51	8												
12	20413	-51	1																	
13	20409	-50	4																	
14																				
15																				
16	20287	-51	0			23587														
17	20300	-51	0			23617	-52	4												
18	20163	-52	0																	
19	20188	-52	2	161	03	23471														
20	20152	-53	7			23422	-56	9												
21	20133	-55	0	023	03	23387	-56	8	033	02										
22	20127					23285														
23	20090	-55	0	326	11	23328														
24	20047	-55	7			23285														
25	19843	-54	7			23084	-58	0			25636	-57	8			29976	-59	0		
26	19825	-51	9	320	12	23095	-56	9	321	11	25645	-60	1	308	09					
27	19848	-53	2			23114	-55	9			25669	-61	8							
28	19852	-53	3			23120	-57	3												
MN	20167	-51	6	*		23372	-55	8	*		25650	-59	9	*		29976	-59	0	*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	Surface Synoptic Data $h_o c_l h_l c_m h_m c_h$	Surface Synoptic Data ww	Surface Synoptic Data p_{ppp}	Freezing Levels Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Tropopause (1) Alt. gpkm.	Tropopause (1) Pres mb.	Tropopause (1) Temp. °C	Tropopause (1) σ °A	Tropopause (2) Code	Tropopause (2) Alt. gpkm.	Tropopause (2) Pres mb.	Tropopause (2) Temp. °C	Tropopause (2) σ °A	Max. Wind Level Code	Max. Wind Level Alt. gpkm.	Max. Wind Level Pres mb.	Max. Wind Level Velocity deg.	Max. Wind Level Velocity mps.
01	00900	01	2 24	0					1	08 90	297	-56	7 307	0					1	05 82	450	194	32
02	10840	01	3 29	0					2	08 92	282	-58	3 309	0					4	06 82	392	269	33
03	30940	02	7 25	0					1	11 52	198	-69	6 323	0					1	00 83	926	158	21
04	855--	02	7 04	1	0 27	978	0 27	978	1	12 07	184	-72	0 326	6	16 13	096	-61	5 413	0				
05	26400	01	2 17	3	0 99	900	1 70	829	1	11 08	215	-64	7 323	0					1	06 20	452	155	31
06	855--	02	2 23	0					1	11 46	202	-64	9 329	0					1	08 60	317	144	38
07	8052-	71	3 02	0					1	11 83	190	-67	9 330	0					1	05 27	513	071	20
08	00909	03	7 03	0					1	09 90	251	-60	3 317	1	13 67	138	-58	5 378	1	09 72	258	092	28
09	00900	02	2 07	0					1	08 59	307	-55	0 307	0					5	07 73	349	052	18
10	10820	03	7 07	0					1	08 52	310	-51	9 309	0					1	18 19	070	040	22
11	16508	03	7 41	0					1	09 15	282	-58	2 309	0					6	09 02	287	350	19
12	865—	38	2 18	0					2	08 66	295	-51	9 314	1	16 71	088	-49	9 447	5	07 82	395	245	19
13	865—	70	2 02	0					1	08 35	306	-51	2 312	0					1	05 57	484	211	36
14	70870	02	7 08	0					1	07 07	369	-48	2 299	0					4	04 60	590	170	25
15	8097-	03	2 02	0					2	08 60	294	-57	2 307	0					1	06 90	382	195	29
16	70930	03	8 02	0					1	09 10	274	-59	5 309	1	14 31	124	-49	2 406	4	07 34	362	190	27
17	864--	70	7 08	0					2	08 52	302	-55	2 307	0					6	09 19	271	158	24
18	20840	01	3 04	0					2	08 40	306	-58	1 302	0					1	05 69	461	141	29
19	9-0--	39	2 11	0					1	09 34	259	-60	6 313	1	13 53	140	-52	2 387	9	05 76	462	096	19
20	27350	39	2 06	0					1	10 00	242	-62	0 317	0					8	00 02	010	300	18
21	9-0--	39	3 03	0					1	09 33	265	-61	0 310	0					9	10 00	258	043	18
22	864--	71	7 04	0					1	07 63	341	-56	9 294	0					8	03 23	686	125	17
23	9-0--	39	7 11	0					2	07 30	339	-55	9 292	0					9	06 21	424	304	18
24	00900	02	7 17	0					2	07 04	367	-52	3 294	0					0				
25	00900	02	3 05	0					1	08 37	294	-56	1 308	0					1	05 13	482	300	15
26	60930	03	2 05	0					1	08 01	309	-57	0 303	0					9	04 96	493	272	17
27	2642-	03	2 07	0					1	07 34	343	-53	5 298	1	25 39	021	-62	1 637	1	04 88	500	242	22
28	00900	02	2 07	0					1	08 80	276	-58	1 310	0					1	04 76	514	234	25
MEAN										09 06	283	-58	4 310		16 62	101	-55	6 445					

A Statistical Value for Relative Humidity

** Vector Mean Wind*

- Entered under Wind Direction Indicates a Stratum of Missing Wind Data

CLYDE, N.W.T.

MARCH 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1002	-32	79	360	02	0052	-31	79	359	02	0400	-27	72	314	03	0787	-29	70	320	03
02	1010	-30	67	000	00	0087	-27	61	000	00	0470	-21	37	195	04	0861	-21	33	207	04
03	1008	-25	64	320	05	0074	-25	60	320	05	0460	-25	55	325	07	0838	-24	47	335	09
04	1005	-26	77	310	10	0054	-27	75	-		0410	-29	62	-		0809	-28	62	-	
05	1001	-24	69	300	08	0022	-24	69	300	08	0400	-26	71	318	10	0787	-23	76	338	10
06	0994	-21	78	300	10	-027					0340	-23	75	306	11	0744	-23	73	315	13
07	1003	-27	71	340	02	0040	-27	71	335	02	0410	-24	70	166	03	0810	-23	68	148	06
08	1012	-31	74	000	00	0100	-27	71	000	00	0480	-24	64	169	02	0869	-21	57	169	05
09	1012	-25	73	000	00	0105	-25	70	147	01	0480	-25	60	149	05	0879	-16	40	156	06
10	1012	-25	65	070	02	0101	-25	62	080	03	0480	-19	48	344	05	0882	-16	48	015	04
11	1016	-26	62	000	00	0128	-21	70	000	00	0520	-16	62	257	01	0918	-15	44	320	02
12	1020	-23	76	310	02	0161	-23	76	322	02	0540	-21	77	080	02	0940	-17	69	157	05
13	1016	-27	71	000	00	0130	-24	75	000	00	0505	-23	72	110	02	0901	-23	67	136	01
14	1005	-24	70	310	10	0053	-24	71	310	10	0420	-27	75	313	11	0812	-29	78	318	11
15	1013	-24	66	140	04	0112	-24	63	195	04	0480	-26	55	287	04	0874	-26	48	270	06
16	1023	-29	68	000	00	0176	-28	71	133	01	0540	-28	70	162	04	0932	-27	70	169	05
17	1021	-32	73	000	00	0164	-30	72	180	01	0540	-27	69	180	03	0922	-24	63	190	03
18	1021	-31	73	100	02	0161	-29	76	050	02	0530	-27	75	356	02	0919	-27	71	280	03
19	1028	-33	72	110	01	0214	-27	74	138	03	0590	-27	74	158	04	0973	-26	65	152	03
20	1031	-31	58	180	01	0230	-27	64	170	03	0610	-21	52	183	04	1005	-20	39	185	04
21	1029	-31	64	140	02	0218	-21	59	140	01	0600	-20	37	227	02	0998	-20	49	229	04
22	1019	-30	74	140	02	0151	-27	68	157	02	0510	-21	53	171	04	0925	-19	39	172	07
23	1006	-29	75	000	00	0053	-27	74	000	00	0440	-27	74	000	00	0814	-29	72	296	01
24	0998	-31	80	060	03	0005					0390	-29	48	272	02	0755	-29	43	282	02
25	1002	-35	59	120	02	0029	-35	59	120	02	0380	-34	57	223	02	0764	-37	60	234	06
26	1000	-34	72	000	00	0013					0375	-35	71	000	00	0745	-38	71	190	01
27	0999	-32	49	000	00	0008					0380	-31	55	143	07	0754	-30	66	150	12
28	1001	-27	65	140	02	0022	-27	65	140	02	0390	-26	69	209	04	0782	-26	70	166	08
29	0998	-27	61	315	05	0004					0380	-28	63	312	05	0759	-27	65	300	02
30	0990	-27	56	140	10	-054					0315	-25	48	220	06	0708	-26	48	336	03
31	0999	-27	77	220	15	0012					0370	-30	75	219	12	0762	-32	70	220	09
MN	1009	-28	68	*		83	-26	68	*		456	-25	63	*		846	-25	59	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1194	-30	68	284	04	1629	-27	48	253	08	2100	-26	30	246	12	2591	-27	32	244	12
02	1282	-22	28	256	02	1727	-24	28	277	04	2205	-26	29	263	06	2692	-28	A19	254	07
03	1257	-21	28	330	09	1706	-20	A17	330	08	2190	-21	A18	320	06	2688	-25	A18	310	08
04	1225	-22	55	-		1675	-18	31	-		2160	-20	26	-		2662	-23	53	-	
05	1210	-18	80	004	05	1662	-18	86	046	02	2150	-17	84	110	05	2658	-20	80	135	08
06	1167	-18	76	318	09	1621	-17	80	010	03	2110	-15	81	080	05	2625	-18	79	101	08
07	1229	-24	69	141	08	1671	-25	71	148	09	2150	-27	70	138	08	2633	-29	55	126	10
08	1290	-22	53	172	05	1736	-23	60	182	09	2220	-25	67	189	10	2707	-25	68	196	13
09	1310	-16	49	165	07	1765	-18	61	159	05	2250	-21	62	174	05	2751	-23	63	165	07
10	1312	-16	57	030	04	1769	-17	60	028	03	2250	-19	45	066	02	2762	-21	30	112	05
11	1349	-15	32	304	02	1806	-17	52	207	03	2290	-19	A17	190	04	2796	-22	A18	187	07
12	1371	-16	50	161	06	1829	-17	28	157	06	2300	-20	27	166	08	2818	-24	28	170	11
13	1318	-24	55	190	03	1760	-24	56	191	05	2250	-25	32	189	08	2725	-28	41	161	11
14	1218	-30	79	332	08	1651	-30	78	060	04	2110	-31	75	108	05	2592	-34	70	116	08
15	1286	-27	43	280	08	1722	-29	45	292	09	2190	-31	49	275	11	2666	-33	51	259	14
16	1345	-25	66	178	03	1784	-27	64	200	03	2250	-28	62	215	05	2741	-29	60	225	06
17	1340	-22	54	201	04	1785	-25	54	206	07	2260	-26	62	217	11	2751	-29	63	212	14
18	1331	-26	63	220	06	1769	-27	36	214	09	2225	-29	30	203	11	2721	-31	A20	200	13
19	1387	-25	44	173	01	1826	-27	34	215	03	2300	-29	30	227	03	2778	-32	A20	217	05
20	1426	-22	A18	185	06	1870	-24	A18	195	06	2340	-26	A19	206	08	2834	-28	77	204	10
21	1421	-21	60	207	05	1869	-22	64	221	05	2350	-23	68	233	07	2844	-25	51	231	09
22	1350	-19	41	185	07	1800	-20	55	194	08	2290	-19	30	182	11	2790	-22	37	185	12
23	1224	-28	58	267	09	1658	-29	40	257	17	2130	-28	28	246	17	2612	-28	A19	229	18
24	1161	-32	41	272	03	1587	-35	42	272	04	2040	-36	48	280	10	2512	-38	59	269	14
25	1158	-37	60	286	06	1577	-37	57	293	11	2010	-37	50	281	14	2498	-39	45	271	14
26	1137	-38	69	167	02	1553	-41	0	228	03	1995	-43	8	213	04	2455	-40	2	212	05
27	1159	-33	69	156	16	1584	-35	70	175	13	2030	-34	68	187	12	2515	-36	68	188	11
28	1192	-29	65	182	12	1622	-33	61	182	17	2070	-35	55	181	18	2559	-36	47	162	16
29	1174	-25	64	141	05	1614	-27	62	159	10	2090	-28	68	162	15	2572	-29	72	160	19
30	1120	-28	58	062	02	1593	-31	68	105	02	2000	-32	60	124	04	2493	-34	45	138	08
31	1163	-34	70	237	07	1587	-35	69	228	08	2030	-37	69	207	12	2512	-36	66	193	13
MN	1261	-29	56	212	02	1702	-26	53	*		2171	-27	49	*		2663	-29	47	197	07

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1004	-34	72	260	02	0043	-32	70	261	02	0420	-25	62	293	02	0806	-27	57	324	04
02	1012	-33	72	205	02	0101	-25	49	239	05	0480	-23	40	342	05	0872	-21	32	340	02
03	1006	-28	76	315	08	0060	-28	70	316	08	0430	-27	69	327	11	0818	-25	65	338	12
04	1003	-26	63	300	12	0035	-26	62	302	12	0400	-29	59	315	12	0791	-26	61	330	14
05	0997	-22	73	310	15	-006					0370	-24	76	320	12	0762	-26	74	331	11
06	0998	-23	72	000	00	0004					0380	-22	64	181	01	0775	-23	69	181	07
07	1008	-30	68	000	00	0069	-28	68	100	01	0450	-24	66	140	02	0834	-26	65	210	04
08	1013	-28	59	120	03	0106	-25	60	129	04	0490	-24	60	157	09	0878	-19	51	155	09
09	1012	-27	56	000	00	0101	-25	55	000	00	0480	-20	47	000	00	0882	-14	38	340	04
10	1012	-26	63	000	00	0102	-24	61	315	01	0490	-18	63	314	04	0886	-15	50	295	02
11	1018	-22	63	120	02	0146	-20	65	054	03	0530	-21	68	349	04	0928	-17	62	011	01
12	1018	-22	80	000	00	0144	-23	79	000	00	0520	-23	75	000	00	0917	-21	78	174	06
13	1010	-23	72	320	05	0089	-23	71	329	06	0455	-26	67	350	08	0852	-27	69	020	08
14	1006	-25	68	210	09	0061	-26	68	212	09	0435	-27	65	246	07	0820	-28	63	266	07
15	1019	-30	67	060	02	0148	-28	80	062	03	0505	-28	76	082	02	0907	-26	67	216	02
16	1024	-31	81	110	01	0187	-27	77	119	01	0560	-28	75	144	04	0945	-27	69	165	05
17	1018	-33	36	130	01	0143	-30	46	154	02	0505	-27	59	202	04	0901	-24	66	212	06
18	1025	-34	61	000	00	0189	-28	67	000	00	0550	-28	57	000	00	0944	-28	47	195	02
19	1030	-36	58	000	00	0226	-26	65	170	04	0600	-24	62	172	06	0993	-22	45	192	03
20	1029	-32	40	000	00	0218	-26	44	000	00	0600	-20	32	000	00	0997	-20	A17	000	00
21	1026	-32	47	000	00	0203	-22	38	000	00	0590	-20	36	216	02	0982	-20	44	191	04
22	1006	-28	70	040	03	0059	-27	70	033	03	0445	-22	70	330	01	0830	-20	75	280	01
23	1005	-34	61	120	03	0053	-34	59	130	03	0405	-31	47	243	03	0797	-32	40	240	05
24	0999	-31	55	000	00	0007					0360	-33	45	000	00	0746	-36	51	128	02
25	1002	-34	29	245	02	0028	-34	29	243	02	0395	-35	35	212	01	0762	-37	42	195	02
26	0999	-36	33	140	01	0007					0375	-35	40	130	01	0738	-37	46	138	04
27	1000	-26	72	330	05	0014					0390	-27	62	047	04	0773	-27	68	107	09
28	1004	-30	55	310	04	0047	-29	56	317	04	0410	-29	62	003	02	0799	-29	67	120	05
29	0993	-28	63	140	02	-037					0340	-24	61	290	03	0726	-26	64	292	03
30	0995	-28	75	180	10	-021					0350	-29	75	230	07	0730	-31	73	261	04
31	1002	-28	70	260	10	0030	-28	70	259	10	0400	-30	69	245	08	0778	-32	68	225	10
MN	1009	-29	61	*		82	-27	62	*		455	-26	59	*		844	-25	58	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1217	-27	49	290	06	1655	-26	39	287	08	2140	-27	32	277	10	2615	-29	A19	267	13
02	1294	-21	28	311	02	1741	-22	A18	294	04	2220	-23	A18	282	06	2715	-26	A19	275	07
03	1237	-21	50	344	12	1688	-18	A17	347	07	2170	-20	6	A18	350	04	2673	-23	7	A18	314	03
04	1213	-18	56	351	08	1667	-18	73	010	03	2170	-16	6	80	130	06	2667	-20	2	85	190	07
05	1183	-18	81	348	06	1636	-17	87	054	03	2130	-16	9	83	113	07	2697	-19	1	77	190	15
06	1192	-24	74	182	06	1636	-22	9	75	170	06	2120	-21	8	75	158	08	2617	-22	1	75	135	12
07	1249	-24	9	65	204	05	1690	-25	9	64	184	03	2170	-27	5	62	172	02	2650	-29	8	50	101	03
08	1302	-20	2	40	157	06	1750	-21	3	32	175	08	2235	-23	4	A18	175	11	2729	-24	9	A18	171	12
09	1313	-16	6	63	003	02	1768	-18	5	65	209	03	2250	-20	9	64	189	04	2755	-23	4	59	157	07
10	1317	-15	9	A17	248	03	1774	-17	2	A17	190	04	2260	-18	9	A17	167	05	2768	-20	6	52	170	08
11	1358	-15	7	29	157	02	1815	-17	7	29	181	04	2300	-19	3	27	184	03	2805	-23	1	40	191	05
12	1340	-19	8	80	182	05	1790	-20	9	80	175	08	2260	-23	2	78	158	11	2768	-25	5	76	195	16
13	1264	-25	7	72	065	08	1704	-26	4	73	098	08	2190	-27	4	73	111	10	2665	-28	4	74	119	14
14	1228	-29	9	61	285	08	1660	-31	0	58	292	09	2130	-33	8	57	275	07	2595	-36	9	55	262	07
15	1320	-26	6	61	185	03	1758	-27	9	61	223	03	2230	-29	2	61	239	08	2711	-31	5	63	237	08
16	1359	-25	0	70	195	04	1800	-26	0	67	205	04	2270	-26	9	43	215	07	2763	-28	6	A19	227	08
17	1318	-24	6	69	200	07	1759	-26	5	72	192	10	2230	-27	4	63	187	16	2719	-30	5	58	187	18
18	1354	-28	0	35	232	03	1790	-28	6	A19	225	04	2250	-30	4	A20	216	05	2739	-32	4	A20	216	08
19	1412	-24	1	A18	209	03	1854	-25	6	A19	225	02	2320	-28	0	A19	232	04	2813	-29	8	A20	236	06
20	1419	-22	4	41	209	04	1863	-24	8	66	194	06	2325	-26	3	68	197	09	2828	-28	1	70	205	10
21	1405	-20	2	95	170	03	1856	-19	0	A17	177	06	2340	-19	0	A17	177	06	2847	-22	1	A18	190	07
22	1253	-21	2	76	232	05	1700	-22	7	75	228	07	2185	-24	2	75	212	09	2673	-25	9	74	203	13
23	1199	-33	5	39	274	07	1624	-35	0	37	282	10	2080	-36	3	35	271	12	2550	-38	4	33	255	13
24	1140	-38	8	57	134	02	1557	-38	4	58	248	02	2000	-35	1	61	278	05	2486	-34	4	63	268	08
25	1154	-40	2		203	03	1568	-39	7		153	05	2010	-39	8		144	07	2480	-39	7		175	08
26	1131	-39	7	52	161	06	1545	-41	6		190	06	2000	-38	5		207	07	2460	-40	2		212	09
27	1183	-29	6	69	132	11	1614	-31	0	70	126	12	2080	-32	9	70	128	13	2554	-34	2	70	141	15
28	1208	-28	6	70	155	11	1641	-31	4	71	135	13	2100	-32	7	66	183	16	2581	-33	5	56	162	14
29	1138	-27	0	67	202	02	1576	-27	8	60	190	06	2040	-28	8	51	145	11	2534	-28	6	44	144	19
30	1132	-33	9	72	240	07	1558	-34	0	70	250	08	2000	-36	8	70	252	05	2484	-40	2		253	12
31	1178	-35	2	66	230	10	1599	-37	8	65	230	13	2055	-35	9	65	221	20	2526	-35	2	66	219	21
MN	1258	-25	7	57	214	02	1698	-26	6	54	*		2170	-27	4	51	*		2658	-29	2	50	188	07

A — *Statistical Value for Relative Humidity*

* — *Vector Mean Wind*

\- — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

CLYDE, N.W.T.

MARCH 1963

STATION INSTRUMENTATION

USW8 type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00. GMT.

Day	600 MBS Altitude (Pres. on Stc.)	Temp. °C		R.H. %		Wind deg.	mps.	500 MBS Altitude gpm.	Temp. °C		R.H. %		Wind deg.	mps.	400 MBS Altitude gpm.	Temp. °C		R.H. %		Wind deg.	mps.	300 MBS Altitude gpm.	Temp. °C		R.H. %		Wind deg.	mps.
01	3691	-31	8	34		234	12	4954	-40	1			205	13	6454	-47	7					8305	-57	4				
02	3784	-33	9	A21		250	09	5040	-41	8			220	10	6520	-50	9			207	11	8352	-59	5			186	13
03	3794	-32	2	A20		204	02	5069	-36	0	A21		179	15	6595	-44	8			168	31	8461	-58	3			170	26
04	3784	-25	7	75		128	08	5089	-32	0	72		156	12	6622	-44	2			147	16	8488	-59	0			143	12
05	3784	-27	3	71		151	13	5074	-36	0	62		149	17	6588	-46	0			147	14	8447	-56	8			126	18
06	3759	-25	5	75		114	11	5055	-35	9	68		091	14	6565	-48	1			101	23	8414	-56	8			129	16
07	3726	-34	0	A21		133	15	4984	-41	3			120	14	6466	-51	0			117	15	8328	-50	1			138	14
08	3809	-32	9	69		202	18	5066	-42	5			199	17	6540	-52	5			209	23	8382	-55	4				
09	3865	-28	9	64		180	11	5150	-36	2	60		179	15	6672	-44	6			189	18	8545	-56	2			200	26
10	3887	-27	3	A19		150	11	5177	-35	6	A21		162	12	6696	-45	9			156	17	8567	-54	9			119	15
11	3911	-29	6	A20		193	12	5188	-38	6	A22		172	16	6686	-47	4			173	28	8548	-56	9			177	40
12	3926	-31	4	35		181	14	5198	-38	4			175	20	6697	-49	6			181	27	8522	-59	9			175	26
13	3817	-34	1	55		176	19	5072	-42	1			182	23	6551	-51	3			175	23	8388	-56	0			178	23
14	3693	-41	0			110	08	4883	-44	0			128	15	6364	-48	1			146	16	8258	-48	9			160	13
15	3733	-39	7			265	15	4960	-47	0			263	14	6404	-56	9			254	18	8233	-55	3			260	18
16	3831	-34	8	58		243	13	5078	-44	0			246	15	6589	-54	9			238	21	8338	-62	9				
17	3835	-36	6	61		196	15	5075	-44	2			189	17	6544	-52	6			189	24	8359	-61	2			180	25
18	3799	-37	8	34		190	19	5038	-45	2			185	25	6497	-54	8			190	28	8309	-57	3			202	16
19	3853	-37	9	A22		207	09	5090	-45	0			207	11	6554	-53	1			204	14	8396	-55	2			215	16
20	3926	-33	4	62		221	16	5185	-42	4			212	14	6665	-49	7			220	25	8514	-58	1				
21	3956	-30	0	A20		224	12	5231	-38	6	A22		221	14	6729	-49	1			205	17	8587	-57	1			233	16
22	3910	-27	8	64		197	16	5195	-37	3	64		199	21	6700	-47	4					8554	-56	8				
23	3706	-33	5	A21		220	27	4962	-40	8					6458	-47	5					8352	-48	6				
24	3570	-39	4	56		285	13	4795	-45	7			295	13	6273	-50	1			242	08	8187	-49	0			228	11
25	3552	-40	5			257	18	4777	-46	8					6250	-46	5					8156	-45	4				
26	3504	-42	4			207	06	4726	-46	8			207	06	6204	-47	0			228	06	8125	-44	5			222	06
27	3574	-40	1			187	18	4803	-46	0			192	22	6267	-51	5			188	18	8125	-52	0			180	18
28	3617	-39	5	40		158	18	4844	-47	7			159	19	6303	-51	5			166	21	8188	-48	1			166	12
29	3671	-31	9	30		165	30	4938	-40	0	58		166	36	6434	-48	3					8316	-48	0				
30	3572	-39	9	A21		132	20	4842	-38	0	A22		129	29	6360	-43	7			127	31	8283	-43	3				
31	3572	-40	6			217	14	4805	-42	9			226	11	6299	-46	7			195	22	8225	-42	7			198	09
MN	3754	-34	0	43				5011	-41	2	45		180	13	6500	-49	1			180	16	8363	-53	8			183	14

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS Altitude (Pres. on Stc.)	Temp. °C		R.H. %		Wind deg.	mps.	150 MBS Altitude gpm.	Temp. °C		R.H. %		Wind deg.	mps.	100 MBS Altitude gpm.	Temp. °C		R.H. %		Wind deg.	mps.	70 MBS Altitude gpm.	Temp. °C		R.H. %		Wind deg.	mps.
01	10898	-59	6					12755	-52	1					15391	-49	9					17706	-52	8				
02	10942	-52	3			172	14	12813	-50	0			176	15	15496	-51	2			178	10	17766	-53	3			172	19
03	11046	-50	9			167	22	12918	-52	1			156	22	15563	-51	2					17880	-52	5				
04	11055	-54	5			146	19	12888	-51	8			153	24	15528	-52	7			149	19	17836	-52	7			146	13
05	11030	-52	2			148	16	12901	-49	8			158	11	15552	-51	7			194	11	17858	-53	4			146	12
06	11033	-49	7			146	14	12925	-48	4			161	15	15582	-51	4			142	15	17891	-52	8			159	14
07	11002	-46	0			134	12	12906	-47	9			149	14	15576	-50	0					17882	-54	0				
08	11007	-50	7					12879	-52	0					15502	-51	6					17824	-51	7				
09	11105	-54	6			193	17	12939	-56	5			190	14	15541	-53	2			185	13	17812	-56	2			191	14
10	11154	-55	0			150	16	13004	-52	5			168	12	15612	-54	6			162	10	17888	-56	2			166	09
11	11107	-54	6					12956	-52	4					15557	-54	9					17826	-57	1				
12	11102	-53	0			174	25	12962	-53	0			180	16	15578	-54	2			169	09	17852	-56	4			176	08
13	10999	-51	2			177	17	12868	-52	2			180	11	15489	-53	1			182	10	17777	-56	7			175	08
14	10926	-49	5			167	16	12807	-51	2			170	10	15427	-54	2			164	06	17723	-52	2			107	04
15	10855	-51	0			211	12	12727	-51	7			182	10	15358	-53	0			197	07	17648	-55	8			222	06
16	10905	-52	6					12771	-52	0					15389	-52	3					17685	-54	9				
17	10940	-53	2			190	14	12796	-52	5			195	13	15414	-53	5			192	13	17704	-54	7			206	14
18	10914	-52	7			212	17	12768	-54	0			218	16	15379	-53	5					17671	-54	2				
19	11008	-51	4					12873	-52	8					15477	-54	9					17755	-55	8				
20	11095	-54	5					12943	-53	3					15550	-54	2					17828	-57	0				
21	11172	-53	5					13021	-54	0					15618	-55	0					17892	-57	0				
22	11149	-53	0					13005	-52	6					15606	-55	1					17872	-57	1				
23	11029	-50	0					12913	-51	1					15555	-50	9					17847	-54	0				
24	10902	-45	1			225	11	12822	-46	7			228	10	15481	-52	1			243	09	17782	-55	2			238	08
25	10873	-45	0					12789	-46	2					15463	-50	2					17788	-52	3				
26	10895	-49	7			212	04	12745	-46	9			215	04	15410	-51	4			239	04	17727	-52	8			240	03
27	10800	-48	4			140	04	12698	-48	1			165	08	15352	-52	1			200	05	17654	-53	2			204	04
28	10879	-47	0			184	11	12783	-48	2			181	09	15431	-52	0			194	05	17731	-54	2			211	03
29	11002	-47	7					12897	-48	9					15549	-51	8					17849	-51	8				
30	11005	-49	1					12916	-47	7					15574	-49	6					17893	-52	8				
31	10953	-43	5			197	09	12864	-46	9			214	11	15530	-51	0			264	02	17847	-53	6			237	03
MN	10990	-50	5					12866	-50	8					15500	-52	5					17797	-54	9				

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS Altitude (Pres. on Stc.)	Temp. °C		R.H. %		Wind deg.	mps.	500 MBS Altitude gpm.	Temp. °C		R.H. %		Wind deg.	mps.	400 MBS Altitude gpm.	Temp. °C		R.H. %		Wind deg.	mps.	300 MBS Altitude gpm.	Temp. °C		R.H. %		Wind deg.	mps.
01	3707	-32	8	A20		242	17	4974	-39	8	A22		230	13	6468	-48	8			203	13	8315	-57	8			215	11
02	3815	-32	8	A20		244	07	5077	-40	4			200	07	6568	-49	6			179	13	8420	-54	5			177	27
03	3788	-29	3	A19		132	09	5086	-33	0	69		156	13	6618	-44	6			162	16	8484	-58	5			167	22
04	3790	-28	5	77		137	05	5071	-38	1	68		132	19	6571	-48	6			135	16	8419	-55	1			145	06
05	3771	-25	5	62		141	20	5069	-35	3	47		151	25	6583	-47	5			152	20	8437	-59	6			136	25
06	3743	-27	0	98		138	13	5028	-38	2	57		128	14	6525	-49	6			130	15	8375	-54	1			137	18
07	3736	-36	0	32		195	10	4984	-42	6			198	10	6467	-48	8			205	10	8346	-49	1			168	10
08	3837	-30	9	63		180	13	5112	-38	2	62		198	17	6616	-47	9			199	19	8478	-56	8				
09	3878	-27	1	63		164	12	5171	-33	4	67		163	16	6712	-41	4			169	21	8611	-53	6			174	31
10	3893	-26	2	79		160	12	5186	-35	5	63		160	18	6706	-45	1			162	22	8590	-54	0			155	14
11	3915	-31	4	37		164	10	5185	-39	2	44		166	18	6686	-46	5			163	37	8546	-57	5			167	49
12	3871	-32	3	74		153	22	5138	-40	3			152	30	6622	-50	4					8468	-56	0				
13	3756	-34	6	72		131	16	5008	-42	6			139	22	6489	-49	8			140	24	8339	-54	7			155	17
14	3649	-42	1			279	14	4867	-47	6			281	14	6395	-49	9			230	08	8215	-50	4			179	11
15	3790	-37	3	65		239	11	5027	-45	4			243	15	6485	-54	8			249	19	8287	-61	2			229	13
16	3852	-35	3	34		220	10	5102	-42	8			222	12	6579	-52	8			208	15	8386	-62	6			206	18
17	3798	-37	5	47		185	16	5036	-45	0			192	21	6499	-53	6			192	24	8321	-57	0				
18	3814	-38	3	A22		208	13	5066	-46	3			202	15	6500	-54	8			208	18	8324	-56	9			197	18
19	3902	-34	6	A21		250	09	5136	-41	9			258	15	6638	-50	5			254	18	8488	-58	0			249	15
20	3926	-32	8	68		194	14	5187	-40	4			206	15	6686	-48	2			235	19	8597	-57	9				
21	3969	-29	0	A19		213	11	5242	-38	9	A22		225	14	6795	-50	1			225	16	8577	-57	6			206	33
22	3782	-30	2	64		192	22	5062	-36	7	38		185	38	6580	-44	9			180	34	8468	-50	6				
23	3605	-40	3			226	15	4842	-42	8			213	23	6337	-46	2					8252	-44	4				
24	3556	-37	0	48		262	12	4799	-43	4			259	12	6275	-50	3			244	09	8178	-43	2			220	07
25	3534	-41	3			199	07	4760	-45	8			206	10	6233	-48	2			215	11	8143	-44	8			219	05
26	3508	-41	0			243	17	4740	-44	7			243	18	6217	-48	2			224	11	8125	-44	5			194	11
27	3623	-39	4	66		147	15	4848	-47	5			143	24	6308	-51	9			157	21	8178	-47	5			-	
28	3655	-37	8	47		175	15	4893	-44	5			180	22	6363	-50	1			188	21	8259	-45	8				
29	3632	-31	7	A20		151	31	4911	-36	4	A21				6435	-43	7					8345	-46	3				
30	3524	-42	2			224	10	4747	-45	0			210	09	6245	-43	8			157	11	8189	-42	0			180	12
31	3601	-35	9	56				4854	-42	0					6337	-46	6					8256	-46	6				
MN	3749	-34	1	47				5007	-41	1	48		187	13	6497	-48	6			183	15	8366	-52	8			185	16

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS Altitude (Pres. on Stc.)	Temp. °C		R.H. %		Wind deg.	mps.	150 MBS Altitude gpm.	Temp. °C		R.H. %		Wind deg.	mps.	100 MBS Altitude gpm.	Temp. °C		R.H. %		Wind deg.	mps.	70 MBS Altitude gpm.	Temp. °C		R.H. %		Wind deg.	mps.
01	10910	-52	6			177	10	12780	-50	7			171	12	15430	-50	6			155	13	17747	-52	5			181	13
02	11032	-52	3			172	19	12897	-51	2			162	19	15552	-49	9			171	14	17875	-51	9			147	14
03	11050	-53	0			158	18	12920	-52	5			153	25	15537	-50	7					17880	-51	8				
04	11018	-52	2			140	15	12888	-50	4			155	18	15534	-51	3			148	13	17843	-53	2			146	14
05	11023	-51	7					12904	-50	1					15546	-52	6					17848	-53	0				
06	11025	-47	1			133	15	12930	-48	1			149	17	15591	-50	0					17901	-54	0				
07	11023	-47	2			146	13	12928	-46	8			133	19	15606	-48	8			120	20	17941	-50	7			127	19
08	11054	-54	7					12904	-54	0					15507	-52	9					17804	-54	2				
09	11143	-60	0					12977	-54	0					15574	-55	0					17849	-56	0				
10	11160	-59	0			173	17	13023	-51	9					15641	-53	8					17923	-55	5				
11	11123	-53	9					12975	-52	6					15592	-54	2					17869	-56	9				
12	11077	-51	4					12947	-52	4					15572	-53	1					17860	-54	0				
13	10978	-50	1			162	12	12851	-51	4			173	13	15478	-51	6			164	08	17792	-50	7			143	05
14	10879	-49	2			179	10	12796	-51	7			177	14	15388	-52	1			206	08	17683	-53	9			238	05
15	10878	-51	3			202	10	12747	-51	2			197	06	15382	-51	8			149	02	17683	-54	2			168	02
16	10951	-53	0			195	12	12813	-52	5			188	12	15434	-52	6			195	09	17734	-53	5			197	08
17	10923	-52	4					12781	-52	9					15395	-53	4					17689	-54	0				
18	10950	-53	4			214	15	12784	-53	1			227	14	15396	-53	2			230	19	17682	-54	2			231	19
19	11083	-52	2			230	16	12945	-52	6					15559	-52	9					17847	-55	4				
20	11122	-52	6					12977	-53	4					15578	-55	0					17854	-55	2				
21	11161	-52	4					13022	-52	9					15630	-54	1					17909	-57	0				
22	11124	-49	4					13003	-51	0					15626	-53	3					17920	-54	8				
23	10956	-48	1					12847	-50	9					15497	-50	3					17805	-55	1				
24	10905	-42	9			246	08	12890	-46	0			228	08	15512	-48	4			252	09	17843	-51	8			249	09
25	10861	-44	6			217	05	12785	-45	3			245	03	15465	-48	9											
26	10837	-46	3			174	06	12750	-47	5			163	03	15425	-49	6			185	08	17746	-51	9			194	06
27	10872	-47	2			-		12778	-46	7			265	04	15456	-51	0			196	06	17763	-53	5			197	06
28	10950	-47	2					12850	-48	3					15511	-50	1					17815	-52	2				
29	11054	-45	9					12958	-48	3					15614	-50	7					17934	-51	8				
30	10933	-43	4			173	11	12882	-47	2			198	09	15522	-49	2			211	07	17845	-53	5			220	03
31	10962	-46	9					12869	-47	2					15520	-50	9					17824	-54	5				
MN	11000	-50	2					12880	-50	5					15519	-51	7					17824	-53	7				

A *Statistical Value for Relative Humidity.*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

CLYDE, N.W.T.
MARCH 1963

STATION INSTRUMENTATION
USW8 type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19879	-53 9				23124	-58 0													
02	19925	-55 2		179	13	23193														
03	20042	-55 2				23281	-59 7													
04	19994	-55 8		130	14	23216														
05	20015	-55 1		157	11	23254	-58 4													
06	20046	-56 3		163	15	23269	-58 7		133	10										
07	20039	-56 3				23263	-58 6													
08	20004	-53 3				23240	-58 4													
09	19948	-57 3																		
10	20017	-57 9		182	05	23226														
11	19946	-59 2				23127														
12	19983	-57 4		167	06	23173														
13	19915	-58 0		124	02															
14	19876	-56 3		060	02	23103	-58 9		251	02										
15	19778	-58 0		237	03	22996	-59 1		019	07										
16	19829	-56 2				23075	-57 4													
17	19859	-54 5		222	09	23154														
18	19829	-53 7				23078	-57 4				25615	-59 0								
19	19892	-56 7																		
20	19957	-57 7																		
21	20017																			
22	19995	-56 9				23191														
23	19995	-57 2				23204	-58 5				25728	-61 1								
24	19938	-56 3		256	09	23153	-59 5		246	10	25685	-62 1		243	13					
25	19963	-54 3				23181														
26	19886	-55 7		240	05	23090														
27	19782																			
28	19878	-56 6		209	04	23082	-60 7		210	06										
29	20007	-57 3																		
30	20051	-55 1																		
31	19992	-56 9		206	06	23206	-59 3		209	05										
MN	19944	-56 2		*		23167	-58 8		*		25676	-60 7		*					*	

00 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	7 10	0					1	08 66	284	-58 4	308	0					1	05 58	456	207	17
02	00900	02	2 19	0					2	08 02	316	-59 1	297	0					9	11 90	173	184	18
03	00900	02	7 09	0					1	08 42	302	-58 4	303	0					7	06 62	399	167	32
04	60990	01	7 05	0					1	09 09	272	-63 8	304	0					9	19 39	055	152	27
05	50850	36	4 00	0					1	09 15	268	-60 4	310	0					9	05 48	471	151	18
06	8085-	02	3 04	0					1	08 93	304	-57 4	303	0					9	06 85	384	105	29
07	00900	02	2 10	0					1	07 23	356	-54 2	294	6	22 84	032	-59 5	571	7	11 69	180	128	21
08	00908	03	2 14	0					1	07 65	336	-56 2	296	0					1	06 20	422	206	29
09	00908	01	3 02	0					1	09 49	258	-58 9	315	1	16 74	083	-57 0	440	8	09 50	258	200	33
10	10950	01	2 01	0					1	08 98	281	-55 7	313	0					9	06 81	392	158	17
11	00905	01	2 07	0					2	09 11	274	-59 8	309	1	13 65	135	-54 7	388	5	08 25	315	175	40
12	10940	02	2 07	0					2	08 02	326	-61 3	292	0					9	06 82	393	181	28
13	10940	01	7 01	0					1	08 00	320	-58 2	298	0					9	05 81	447	180	29
14	864--	02	7 14	0					2	06 09	417	-48 1	289	2	18 81	059	-55 8	487	9	06 66	383	147	19
15	20940	01	2 20	0					2	06 40	400	-56 9	281	2	16 41	085	-54 5	443	9	06 00	426	265	19
16	00906	03	2 04	0					1	08 21	306	-63 4	294	0					1	07 98	318	243	36
17	10940	02	7 18	0					1	08 18	309	-62 0	295	0					9	07 82	327	184	30
18	10940	02	2 08	0					2	07 20	359	-59 1	287	1	21 25	040	-57 7	540	7	06 81	381	190	29
19	10940	02	2 06	0					1	07 41	350	-55 6	294	0					1	10 62	212	220	18
20	00901	02	8 03	0					1	08 66	294	-58 7	305	0					1	06 80	392	220	26
21	10940	02	2 01	0					2	08 34	312	-56 6	303	0					1	09 24	270	233	22
22	00906	01	7 35	0					1	08 72	292	-57 1	307	0					1	06 04	441	198	30
23	75500	03	2 14	0					1	07 14	361	-49 5	300	1	12 67	156	-51 6	377	1	04 20	559	215	33
24	70950	03	7 06	0					2	06 27	400	-50 1	290	2	13 43	137	-49 5	394	9	02 81	670	257	15
25	16540	03	2 05	0					1	05 94	420	-49 0	287	0					1	04 40	529	268	22
26	76500	03	8 05	0					1	05 26	462	-47 9	281	0					9	19 40	054	252	09
27	865--	03	3 03	0					1	07 51	331	-55 4	299	1	13 97	124	-51 0	403	8	05 27	466	192	25
28	00906	03	2 10	0					1	06 30	400	-51 5	288	0					9	06 22	406	166	22
29	00906	03	7 22	0					1	07 47	343	-51 6	301	7	19 51	054	-56 5	498	1	06 05	424	169	48
30	00906	01	7 01	0					1	06 87	371	-45 5	303	0					4	05 40	461	127	36
31	00901	39	2 06	0					2	05 34	462	-45 8	284	1	12 02	170	-47 8	374	9	06 39	395	197	22
MEAN										07 66	338	-55 7	298		16 48	098	-54 1	447					

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19914	-54 2		180	14	23163	-58 6		201	14	25686	-61 5		190	13					
02	20051	-54 1		168	12	23298	-59 1		163	17	25828	-61 2		184	16					
03	20048	-53 8																		
04	20003	-55 0		144	15	23247	-57 9		143	13	25788	-60 6		143	12					
05	20009	-54 7				23253	-57 4				25775	-64 4								
06	20059	-56 2				23284	-59 9				25812	-61 2								
07	20116	-54 6		117	14	23392	-57 6		145	13	25918	-62 1		154	18					
08	19967	-55 3				23219	-57 5				25769	-60 6								
09	19982	-57 6				23196	-59 5				25738	-60 3								
10	20062	-57 0				23269	-60 0				25803	-58 1								
11	20000	-56 7				23190														
12	20007	-56 2				23218	-59 8				25747	-60 9								
13	19968	-53 5		137	04	23237	-58 0		131	02	25774	-61 1		129	05					
14	19835	-55 7		085	06	23074	-58 4		068	07	25616	-60 7		022	07					
15	19830	-55 6		223	02	23081	-56 8		025	06	25632	-60 0		013	12					
16	19896	-54 3		198	05	23155	-57 4		227	06	25697	-60 9		243	12					
17	19853	-53 7				23106	-57 3				25658	-58 8								
18	19819	-57 1				23038	-58 4				25584	-59 3								
19	19988	-55 9				23225	-58 4				25780	-58 9								
20	19994	-59 8				23206	-57 9				25745	-61 1								
21	20044	-57 0				23254	-59 8				25784	-60 4				30091	-61 4			
22																				
23	19953	-57 0				23167	-59 0				25687	-64 3								
24	20012	-55 5		278	05	23256	-57 3		260	07	25791	-59 7		274	06					
25																				
26	19913	-54 6		200	06	23155	-58 3		197	02	25694	-60 7		209	06					
27	19916	-56 0		214	04	23144	-57 7		213	07	25682	-61 0		198	07					
28	19976	-55 2				23199	-59 2				25720	-60 6								
29	20104	-55 5				23341	-59 5				25859	-61 6								
30	19998																			
31	19963	-57 6				23183	-59 1				25704	-61 2								
MN	19975	-55 7		*		23206	-58 5		*		25741	-60 8		*		30091	-61 4		*	

12 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	2 04	0					1	08 32	300	-57 8	304	0					9	03 39	611	243	19
02	00900	02	8 04	0					2	07 29	358	-54 0	294	2	22 51	034	-58 5	564	9	08 83	281	179	27
03	60950	03	2 03	0					1	08 82	284	-60 6	305	0					7	13 50	137	156	27
04	855--	03	7 01	0					2	07 51	346	-55 9	294	0					9	12 30	159	154	20
05	8085-	38	7 10	0					1	08 87	280	-62 1	304	0					1	08 70	288	139	28
06	20840	01	2 18	0					2	07 37	352	-54 5	295	2	20 19	049	-56 6	513	1	14 13	125	162	22
07	00900	02	2 15	0					1	07 21	358	-51 1	298	2	24 06	027	-60 1	598	1	26 85	017	190	21
08	8095-	03	8 01	0					1	08 82	284	-58 4	308	0					1	08 20	313	211	41
09	00907	02	7 01	0					2	10 21	232	-63 4	318	0					1	09 54	258	185	32
10	65500	03	2 05	0					1	10 11	235	-59 9	323	0					6	05 73	462	163	24
11	10940	01	2 08	0					1	08 88	284	-59 0	307	0					1	08 70	299	168	31
12	864--	71	7 10	0					1	08 05	320	-56 6	300	1	19 06	058	-57 0	488	1	06 07	435	154	35
13	9-0--	71	7 18	0					1	07 92	320	-56 5	300	0					9	07 10	364	147	31
14	16409	38	2 16	0					1	06 08	417	-51 3	285	1	07 69	326	-52 0	305	9	04 81	505	282	15
15	00901	01	2 13	0					2	07 30	353	-60 2	287	0					9	07 66	332	247	22
16	00900	02	2 03	0					1	08 24	307	-63 0	294	0					9	08 80	281	205	19
17	10940	01	2 02	0					2	07 40	347	-58 5	291	0					1	07 34	350	185	27
18	00900	02	2 13	0					2	07 11	364	-57 0	288	0					8	14 24	120	226	20
19	00900	02	2 05	0					2	08 28	310	-58 0	301	0					6	11 72	181	219	23
20	60950	02	7 04	0					1	08 65	295	-58 1	305	1	19 99	050	-59 8	502	1	08 13	320	217	23
21	00900	02	7 06	0					2	08 24	316	-57 1	300	0					1	08 70	294	207	34
22	70950	22	7 21	0					2	07 50	348	-50 2	302	0					4	04 95	507	185	39
23	00900	02	7 18	0					1	06 80	373	-47 8	298	1	11 01	198	-48 4	357	1	05 32	466	214	37
24	56500	01	2 09	0					1	06 28	400	-50 3	290	2	08 52	284	-45 5	326	9	03 20	630	255	13
25	76400	10	4 00	0					2	05 31	460	-47 8	281	6	14 05	124	-46 6	408	7	06 32	395	219	11
26	76500	03	3 01	0					2	05 29	460	-47 5	282	0					9	04 77	498	243	19
27	864--	71	3 01	0					2	06 31	400	-51 9	288	2	15 39	101	-51 0	428	9	08 10	302	157	27
28	75600	03	4 00	0					2	05 89	431	-49 8	284	1	16 88	081	-54 4	448	1	07 90	316	185	31
29	00901	01	7 08	0					1	07 30	351	-47 6	304	1	20 00	051	-55 7	508	1	04 64	520	150	42
30	50980	39	2 18	0					1	03 09	640	-45 0	259	7	17 85	070	-53 5	470	8	07 40	337	180	12
31	20940	01	2 18	0					1	05 83	432	-47 6	287	1	09 71	241	-46 7	340	1	02 86	667	217	22
MEAN										07 43	353	-54 8	296		16 21	121	-53 4	447					

A Statistical Value for Relative Humidity
* Vector Mean Wind
- Entered under Wind Direction indicates a Stratum of Missing Wind Data

CLYDE, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1007	-29	50	180	03	0066	-29	51	166	03	0430	-32	55	052	02	0810	-34	60	110	03
02	1015	-30	52	140	03	0123	-29	49	151	02	0495	-30	45	178	02	0873	-29	38	208	02
03	1016	-28	57	000	00	0127	-28	53	320	01	0493	-27	40	327	04	0889	-22	37	323	05
04	1007	-26	60	180	01	0069	-25	64	180	01	0450	-25	66	183	03	0838	-21	66	198	05
05	1008	-25	74	000	00	0070	-24	73	000	00	0455	-18	66	233	03	0851	-21	69	205	04
06	1014	-18	67	360	04	0117	-17	60	320	04	0500	-15	50	225	05	0910	-16	45	216	05
07	1027	-17	61	000	00	0219	-16	60	000	00	0620	-13	38	223	02	1018	-12	48	215	06
08	1036	-18	73	000	00	0278	-17	72	000	00	0690	-11	80	295	01	1084	-10	76	272	03
09	1041	-15	65	010	03	0319	-15	54	097	03	0705	-14	40	111	05	1117	-15	52	112	06
10	1035	-13	84	090	03	0260	-15	85	111	03	0650	-16	86	145	04	1055	-12	88	151	06
11	1028	-14	79	320	05	0227	-16	73	322	07	0610	-16	75	333	06	1020	-14	82	008	04
12	1024	-11	67	300	05	0201	-11	65	305	09	0590	-11	45			1010	-08	92		
13	1015	-10	81			0126	-11	81			0525	-13	79			0928	-13	72		
14	1019	-10	82	310	08	0160	-11	81	313	07	0560	-11	80	040	04	0969	-10	82	068	09
15	1022	-16	90	110	02	0181	-11	90	133	02	0580	-09	90	152	06	0999	-07	84	152	09
16	1023	-10	95	270	02	0187	-12	87	246	01	0585	-09	77	194	03	0998	-09	66	185	06
17	1018	-14	91	000	00	0151	-15	91	000	00	0560	-11	80	263	02	0959	-09	68	304	03
18	1021	-11	42	290	03	0176	-11	45	307	06	0560	-14	56	328	11	0979	-11	57	356	06
19	1025	-11	77			0201	-12	78			0600	-14	0	77		1002	-12	68	49	
20	1021	-08	93			0180	-08	80			0575	-11	72			0987	-14	63		
21	1020	-09	94	310	08	0167	-08	48	311	08	0550	-10	77	44	09	0977	-12	66	328	12
22	1019	-11	74	160	04	0157	-11	66	180	04	0560	-08	46	210	04	0971	-09	66	280	03
23	1019	-11	73	000	00	0112	-10	66	200	01	0500	-06	40	240	02	0933	-07	30	269	03
24	1007	-11	84	010	04	0067	-12	84	004	05	0450	-15	81	325	06	0867	-12	68	344	04
25	1014	-13	77	315	07	0122	-14	78	316	08	0510	-17	79	319	10	0910	-19	83	323	08
26	1015	-14	70	330	06	0128	-15	71	327	08	0505	-18	74	321	11	0917	-17	67	326	13
27	1015	-15	74	000	00	0132	-15	74	000	00	0510	-16	71	215	03	0928	-17	68	228	04
28	1015	-17	82	000	00	0127	-19	86	000	00	0520	-16	79	000	00	0918	-15	72	000	00
29	1013	-16	83	010	06	0114	-17	83	011	05	0500	-20	83	039	03	0897	-18	82	110	04
30	1011	-15	77	320	10	0099	-16	77	322	10	0470	-19	77	338	07	0884	-20	77	023	05
MN	1019	-16	72	*		155	-15	71	*		544	-16	66	*		950	-15	62	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1207	-37	65	210	06	1628	-36	63	237	09	2090	-37	61	246	09	2549	-38	54	222	15
02	1282	-27	35	254	03	1720	-27	96	267	05	2200	-27	37	262	07	2681	-27	37	248	08
03	1311	-19	45	326	07	1761	-20	77	325	07	2240	-22	41	283	05	2742	-23	41	262	04
04	1262	-20	64	222	03	1711	-21	60	238	05	2200	-23	56	238	04	2686	-25	98	221	07
05	1272	-22	64	211	06	1719	-23	63	231	06	2200	-24	61	212	10	2689	-26	52	197	12
06	1340	-16	31	223	06	1796	-17	A17	217	08	2270	-19	A17	223	09	2787	-22	A18	218	10
07	1453	-13	67	215	07	1912	-15	75	213	09	2400	-17	78	210	12	2912	-19	78	209	13
08	1523	-11	67	250	04	1987	-13	50	247	05	2490	-15	40	244	09	2997	-16	38	234	12
09	1553	-12	82	130	04	2018	-11	85	164	04	2520	-13	85	189	05	3036	-14	66	214	07
10	1497	-07	95	168	07	1970	-09	92	180	07	2460	-12	88	167	10	2988	-16	84	196	11
11	1454	-13	86	037	05	1916	-13	89	042	05	2400	-15	88	050	06	2924	-16	96	082	10
12	1455	-07	0	24		1929	-07	A15			2430	-10	A15			2958	-13	A16		
13	1367	-08	8	57		1837	-10	0	46		2330	-12	7	40		2895	-15	6	34	
14	1406	-12	9	65	090	10	1869	-14	2	28	117	14	2360	-16	A17	103	18	2872	-19	1	A17	102	17
15	1442	-09	2	67	144	06	1911	-10	3	28	137	05	2410	-12	8	36	199	06	2930	-15	4	45	128	08
16	1438	-11	2	54	167	02	1904	-11	3	34	105	01	2400	-13	2	28	097	01	2920	-15	8	33	087	01
17	1401	-09	0	43	275	04	1871	-10	2	57	246	03	2360	-12	8	49	235	04	2890	-15	5	41	232	05
18	1420	-09	6	50	912	03	1888	-11	2	35	296	04	2395	-13	8	A16	298	05	2906	-15	2	A16	300	05
19	1438	-11	9	A16			1903	-12	3	A16			2400	-15	9	A17			2909	-19	8	A17		
20	1419	-15	0	55			1878	-16	2	50			2365	-17	4	47			2878	-18	8	43		
21	1415	-11	5	28			1879	-14	1	26			2370	-16	5	34			2883	-18	5	25		
22	1411	-10	8	70	306	06	1876	-12	3	77	322	07	2365	-14	7	78	323	11	2886	-18	1	79	322	13
23	1376	-10	0	24	298	05	1843	-12	1	A16	291	07	2320	-14	7	A16	286	12	2893	-18	1	43	289	14
24	1303	-13	6	35	262	02	1762	-16	6	35	199	02	2250	-20	0	36	158	04	2792	-23	1	50	195	05
25	1338	-16	6	79	353	09	1793	-18	5	59	026	05	2288	-20	2	61	055	04	2781	-22	2	72	090	03
26	1347	-15	0	58	335	09	1807	-15	8	30	335	05	2300	-20	0	45	328	05	2797	-22	9	52	353	09
27	1356	-15	6	53	269	06	1813	-17	1	33	276	05	2300	-19	3	A17	268	06	2806	-22	3	A18	280	06
28	1348	-16	2	50	252	02	1805	-16	6	25	292	02	2295	-19	2	41	299	03	2797	-22	1	45	279	04
29	1325	-16	6	75	138	07	1782	-16	4	62	146	06	2260	-18	2	58	154	08	2779	-20	6	46	175	10
30	1311	-17	5	65	090	06	1767	-17	0	56	119	08	2250	-18	0	48	119	09	2764	-20	3	44	124	08
MN	1382	-14	7	96	238	01	1842	-15	7	47	*		2330	-17	8	44	*		2840	-20	2	49	208	09

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1012	-34	31	215	02	0098	-30	30	200	02	0468	-32	31	107	01	0840	-35	33	300	03
02	1018	-34	41	180	01	0143	-29	36	185	02	0510	-29	35	185	03	0901	-25	27	194	01
03	1007	-27	31	080	03	0068	-28	32	069	04	0450	-26	39	325	07	0830	-21	51	308	06
04	1008	-27	54	000	00	0072	-26	55	175	01	0450	-20	59	196	04	0861	-19	59	207	02
05	1009	-23	66	000	00	0080	-21	62	000	00	0460	-20	58	000	00	0881	-19	59	207	02
06	1023	-21	64	180	03	0184	-18	55	225	03	0570	-14	38	230	05	0981	-13	30	205	06
07	1034	-17	58	000	00	0268	-16	55	000	00	0660	-14	63	235	02	1066	-11	74	216	04
08	1039	-18	67	090	01	0302	-14	57	079	01	0700	-10	65	079	02	1110	-10	74	126	01
09	1037	-14	83	120	08	0290	-15	78	142	05	0675	-15	76	138	08	1086	-12	86	157	10
10	1030	-17	72	290	01	0240	-17	71	310	03	0610	-18	73	358	03	1029	-16	78	119	03
11	1026	-14	59	315	02	0212	-13	56	228	08	0610	-13	63	236	12	1015	-11	47	297	11
12	1021	-11	70	320	15	0174	-11	72	321	16	0580	-11	0	63	328	17	0983	-09	61	340	17
13	1019	-14	78	320	10	0159	-14	80	334	08	0550	-15	83	023	07	0956	-14	70	098	09
14	1021	-13	65	180	02	0171	-12	73	175	01	0580	-11	82	162	02	0980	-09	A15	142	06
15	1023	-13	88	240	05	0191	-12	88	198	03	0590	-10	89	145	05	1000	-12	91	137	06
16	1020	-12	78	000	00	0169	-12	80	196	02	0575	-11	83	186	06	0977	-10	78	184	07
17	1020	-15	80	315	02	0166	-14	72	325	04	0540	-13	81	338	04	0969	-09	76	334	03
18	1023	-12	76	310	09	0192	-14	79	318	08	0580	-18	85	325	11	0986	-13	71	343	09
19	1023	-10	84			0191	-10	80			0595	-13	76			0995	-13	78		
20	1020	-10	94			0167	-11	92			0550	-12	66			0972	-13	42		
21	1021	-16	62	350	03	0174	-11	57	321	04	0565	-13	52	310	06	0976	-14	46	321	08
22	1015	-14	64	000	00	0130	-12	55	010	01	0530	-09	40	350	02	0954	-06	30	323	03
23	1010	-11	64	000	00	0089	-10	58	000	00	0480	-09	40	150	02	0904	-08	30	227	06
24	1011	-14	79	310	06	0099	-15	79	315	05	0490	-18	76	325	03	0887	-10	80	326	03
25	1015	-14	81	310	10	0131	-15	80	312	11	0500	-17	78	324	11	0921	-18	79	332	11
26	1015	-17	50	045	02	0126	-18	63	010	04	0510	-18	67	331	06	0915	-16	71	341	05
27	1017	-21	81	240	02	0140	-18	64	245	02	0525	-16	64	257	02	0932	-15	64	286	02
28	1013	-19	68	000	00	0115	-21	62	146	01	0500	-18	68	153	05	0901	-16	67	156	06
29	1013	-17	60	360	03	0114	-18	62	356	04	0500	-21	70	360	04	0894	-21	68	079	06
30	1009	-15	79	330	09	0086	-16	76	330	09	0470	-19	74	336	08	0871	-20	80	004	07
MN	1019	-17	66	*		158	-16	64	*		546	-16	63	*		951	-15	60	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1238	-34	33	280	07	1663	-34	31	275	08	2118	-35	31	262	09	2593	-37	31	255	12
02	1316	-29	30	267	02	1760	-24	35	265	05	2230	-24	45	257	07	2731	-26	40	250	07
03	1252	-21	56	295	07	1700	-21	55	288	07	2185	-21	49	275	07	2683	-22	98	250	05
04	1275	-20	66	175	06	1724	-22	68	174	08	2210	-23	71	174	08	2702	-24	91	179	07
05	1286	-19	61	197	07	1735	-21	68	199	09	2210	-21	59	195	11	2717	-24	91	192	11
06	1415	-14	78	201	08	1874	-15	88	201	10	2360	-18	A17	200	12	2869	-21	A18	201	15
07	1504	-12	80	210	08	1968	-13	83	212	10	2460	-16	81	206	11	2972	-19	79	205	13
08	1551	-10	A15	212	02	2019	-11	0	A16	254	04	2518	-12	1	A16	248	06	3039	-14	3	A16	230	06
09	1526	-08	5	89	183	08	2000	-07	2	92	214	12	2508	-09	7	90	215	12	3031	-13	0	88	194	09
10	1464	-12	3	86	111	02	1928	-13	0	83	142	04	2420	-15	7	79	160	06	2935	-19	5	75	154	09
11	1455	-10	0	43	020	09	1923	-10	4	36	037	08	2420	-13	0	40	035	10	2940	-19	5	41	044	09
12	1425	-07	4	35			1899	-07	7	A15			2400	-10	2	A16			2927	-15	0	A16		
13	1387	-16	4	48	080	13	1844	-16	0	27	087	15	2325	-17	5	A17	082	19	2844	-19	2	A17	084	24
14	1421	-10	5	A16	139	08	1886	-13	0	A16	130	09	2370	-15	3	30	128	11	2894	-17	0	39	127	12
15	1439	-11	3	61	141	03	1906	-11	1	33	150	04	2410	-13	9	41	125	04	2922	-16	1	43	113	04
16	1416	-11	1	55	162	02	1884	-10	4	A15	092	01	2375	-13	4	A16	170	02	2899	-16	5	A17	242	01
17	1411	-09	5	66	301	03	1880	-10	4	57	293	03	2395	-12	6	46	274	04	2900	-14	9	55	277	06
18	1424	-11	4	47	346	04	1887	-14	6	39	340	03	2380	-15	1	A16	320	08	2898	-15	9	A17	294	07
19	1431	-11	5	65			1896	-12	6	63			2395	-15	7	58			2903	-19	0	52		
20	1407	-13	7	40			1869	-14	2	39			2360	-16	9	41			2870	-20	0	33		
21	1410	-13	4	32	330	08	1873	-19	1	34	328	08	2360	-15	3	57	327	10	2881	-18	2	95	328	11
22	1398	-09	3	A15	297	06	1866	-12	1	A16	296	08	2360	-14	6	A16	300	10	2877	-17	5	29	298	10
23	1346	-10	5	27	240	04	1811	-12	9	A16	254	07	2305	-15	7	A17	247	08	2818	-18	2	29	247	10
24	1315	-16	8	74	066	02	1770	-18	4	59	120	02	2260	-20	2	49	137	02	2758	-22	7	60	157	02
25	1350	-16	1	74	353	09	1808	-17	0	65	007	04	2300	-19	9	55	020	05	2800	-20	7	68	041	02
26	1344	-17	0	51	348	03	1799	-18	2	62	337	04	2280	-19	9	45	336	06	2789	-22	0	38	330	07
27	1363	-16	0	47	335	02	1820	-16	9	28	309	03	2310	-19	5	40	291	03	2812	-22	2	99	285	03
28	1331	-15	7	53	157	06	1790	-16	7	37	184	04	2275	-18	9	57	200	05	2785	-21	7	57	217	06
29	1317	-20	5	59	116	09	1768	-18	9	47	129	12	2240	-18	0	28	140	19	2764	-20	2	28	150	12
30	1296	-17	5	79	061	06	1751	-18	8	60	083	08	2235	-20	5	45	084	07	2749	-20	6	31	100	07
MN	1384	-14	7	51	184	01	1843	-15	6	44	*		2332	-17	5	42	*		2843	-19	8	42	199	09

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

CLYDE, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	mps.
01	3611	-38	0	A22	199	26	4859	-40	6		192	33	6364	-45	7		196	42	8280	-43	4			
02	3780	-32	8	35	238	10	5044	-40	3		229	15	6532	-50	8		231	15	8583	-53	1		220	16
03	3851	-31	0	A20	224	05	5126	-39	0	A22	199	06	6618	-49	1		196	09	8468	-55	0		177	13
04	3796	-29	9	60	194	11	5073	-37	9	60	189	10	6578	-48	0		176	16	8435	-53	5		180	18
05	3792	-31	2	31	207	16	5064	-38	8	31	200	22	6569	-46	7		198	30	8462	-50	2			
06	3905	-29	1	A19	211	10	5185	-37	5	A22	218	16	6695	-46	3				8573	-54	5			
07	4043	-25	5	79	207	19	5348	-32	1	79	211	31	6892	-42	2				8789	-53	6			
08	4148	-20	2	A17	232	23	5487	-24	6	70			7077	-35	2	56			9009	-52	0			
09	4195	-20	0	83	242	15	5523	-29	1	74	241	18	7083	-39	5	66	242	22	8993	-53	2			
10	4134	-22	4	75	164	16	5454	-30	7	64	182	16	6996	-43	0		185	22	8873	-56	6		193	21
11	4067	-24	0	81	095	12	5379	-31	9	71	107	15	6919	-43	3		112	18	8802	-56	5		111	17
12	4118	-18	5	A17			5450	-28	9	A19			7010	-40	0	A22			8909	-54	1			
13	4001	-25	0	A18			5311	-32	9	A20			6845	-41	3				8766	-50	4			
14	4003	-26	3	A19	101	20	5298	-35	0	A21	101	21	6831	-41	4				8759	-47	2			
15	4080	-22	2	46	133	07	5395	-31	3	33	118	09	6942	-41	5		108	18	8844	-52	0		103	30
16	4066	-22	4	A18	073	03	5385	-30	0	A20	108	09	6939	-40	5		128	18	8846	-53	1		126	24
17	4038	-22	6	29	221	07	5353	-31	4	A20	208	10	6898	-42	2		185	18	8794	-54	0		179	31
18	4056	-22	3	A18	276	09	5369	-32	0	A20	297	10	6904	-44	0		282	12	8790	-52	7		292	20
19	4043	-25	3	A18			5338	-36	1	A21			6850	-46	6				8744	-51	1			
20	4014	-25	1	38			5312	-35	0	38			6843	-44	3				8711	-55	4			
21	4020	-25	1	61			5320	-33	5	39			6855	-43	7				8734	-55	6			
22	4022	-24	2	68	324	16	5330	-32	1	66			6875	-42	6				8759	-55	4			
23	3994	-24	0	68	293	18	5300	-33	1	62			6832	-44	0				8715	-55	4			
24	3863	-31	1	61	220	04	5136	-36	1		260	10	6666	-42	9		258	18	8571	-48	8		246	12
25	3899	-28	5	73	124	06	5185	-36	6	67	160	07	6691	-48	4		165	08	8567	-49	2		225	03
26	3919	-28	1	97	330	03	5199	-37	4	97	337	07	6711	-46	0		341	16	8582	-54	0		335	13
27	3924	-28	7	60	287	06	5206	-37	0	36	284	08	6716	-47	1		277	07	8579	-55	5		282	08
28	3915	-29	1	A19	296	08	5195	-37	8	A22	296	09	6701	-46	9		292	13	8578	-51	9		275	12
29	3906	-25	6	58	205	09	5216	-32	3	68	253	14	6750	-43	6		241	14	8630	-57	2		248	18
30	3893	-25	6	A19	120	07	5202	-32	0	A20	142	09	6741	-43	6		192	07	8614	-58	1		138	11
MN	3970	-26	1	42	*		5268	-34	1	42	*	08	6797	-44	0	47	*		8685	-53	1		*	

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	mps.
01	10988	-47	0				12881	-49	6				15523	-52	4				17819	-55	6			
02	11031	-50	1		206	05	12915	-50	1		182	04	15550	-52	7		200	03	17845	-55	5		208	03
03	11093	-50	9		180	10	12965	-51	4		199	09	15587	-53	3		179	07	17870	-56	5		192	05
04	11075	-50	3		194	11	12967	-51	3		191	12	15584	-52	8		189	12	17869	-54	6		199	04
05	11108	-51	6				12972	-52	6				15578	-54	0				17851	-55	0			
06	11172	-53	1				13026	-53	0				15622	-56	1				17891	-57	2			
07	11386	-55	6				13225	-56	2				15787	-58	9				18033	-59	3			
08	11542	-63	7				13340	-57	8				15900	-59	0				18122	-60	4			
09	11535	-60	6				13344	-57	0				15897	-58	2				18128	-61	0			
10	11452	-55	5		-		13301	-54	1		312	12	15880	-57	0		320	03	18131	-58	2		204	02
11	11419	-50	4		029	06	13292	-51	7		040	06	15905	-54	9		069	08	18172	-57	5		059	09
12	11480	-52	2				13351	-52	6				15973	-53	4				18250	-55	8			
13	11441	-47	9				13325	-51	6				15950	-54	0				18231	-57	6			
14	11434	-49	7				13310	-50	7				15922	-53	6				18197	-57	0			
15	11472	-49	6		108	16	13347	-52	4		098	13	15953	-54	8		108	08	18229	-57	9		082	03
16	11444	-52	3		113	12	13305	-53	0		097	05	15907	-53	3		095	07	18175	-57	3		074	03
17	11404	-52	0		172	07	13270	-52	2		087	03	15877	-54	2		105	04	18143	-57	2		123	02
18	11408	-52	0				13273	-52	3				15881	-55	7				18149	-86	5			
19	11393	-49	9				13270	-53	1				15881	-54	5				18158	-56	2			
20	11329	-48	8				13217	-50	0				15844	-53	2				18126	-55	2			
21	11354	-50	0				13238	-49	8				15876	-51	1				18182	-54	6			
22	11344	-51	0				13222	-49	9				15848	-53	1				18143	-54	0			
23	11322	-50	4				13207	-49	9				15831	-54	1				18125	-54	1			
24	11251	-46	4		237	08	13156	-48	0		225	05	15802	-51	1		216	04	18119	-52	1		220	03
25	11245	-47	2		261	03	13141	-49	0		252	04	15789	-51	6		224	03	18105	-51	4		234	04
26	11243	-47	7		270	06	13138	-48	8		269	07	15794	-50	3		227	06	18116	-51	7		221	07
27	11237	-46	7		266	09	13142	-47	2		262	11	15817	-48	7		239	06	18155	-50	1		219	08
28	11266	-44	9		281	08	13184	-46	2		261	07	15868	-48	1		229	06	18211	-49	8		236	07
29	11272	-45	8		243	08	13195	-45	5		228	08	15877	-49	3		225	06	18214	-49	6		216	06
30	11242	-46	8		169	04	13154	-46	7		134	04	15838	-48	1		167	04	18176	-49	4		199	04
MN	11313	-50	6		*		13189	-51	1		*		15811	-53	4		*		18097	-55	3		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	mps.
01	3653	-38	3	A22	242	18	4898	-42	3		231	21	6392	-46	1		217	23	8306	-47	5			
02	3835	-31	8	35	230	07	5104	-39	8	A22	205	07	6594	-50	4		200	11	8440	-55	0		190	09
03	3803	-28	0	29	217	07	5089	-36	7	A22	209	06	6599	-47	6		178	08	8466	-54	4		177	17
04	3813	-30	7	53	166	13	5082	-40	8		166	17	6565	-50	6		177	23	8444	-48	4			
05	3827	-30	0	A20	197	18	5107	-35	0	A21	195	25	6643	-40	6		183	37	8548	-52	6		-	
06	3990	-28	1	59	205	20	5281	-34	7	60	210	22	6813	-43	2		211	29	8697	-56	0			
07	4110	-23	0	77	209	19	5436	-27	1	73			7015	-36	3	68			8954	-51	0			
08	4196	-19	3	62	243	17	5531	-27	2	71	245	24	7106	-37	2	75	238	34	9032	-52	0		-	
09	4189	-21	0	77	215	10	5514	-28	9	35	217	11	7072	-41	6		222	13	8970	-54	5		227	21
10	4067	-24	6	28	153	13	5373	-32	4	A20	140	26	6912	-43	4		145	30	8798	-54	4		-	
11	4093	-21	0	36	073	10	5417	-29	8	A20	063	11	6968	-41	9		094	14	8849	-57	6		083	13
12	4088	-20	0	A17			5413	-30	0	A20			6963	-41	7				8849	-56	4			
13	3979	-25	3	A18			5279	-32	7	A20			6824	-40	7				8750	-47	0			
14	4033	-24	9	35	128	14	5336	-33	0	A20	129	19	6873	-42	8		115	22	8776	-51	8		096	27
15	4067	-23	1	34	125	06	5379	-31	3	A20	130	04	6928	-41	0		103	06	8833	-53	0		110	21
16	4046	-21	1	A18	156	08	5372	-29	0	A19	150	16	6932	-40	0	A22	148	22	8842	-52	7		144	34
17	4093	-21	4	A18	274	11	5373	-30	5	A20	259	10	6921	-42	0		247	11	8810	-54	1		251	13
18	4039	-23	8	A18	307	07	5346	-32	6	A20	286	14	6887	-42	9				8783	-52	0			
19	4034	-26	3	42			5329	-34	0	33			6866	-44	0				8740	-53	0			
20	4001	-25	2	44			5304	-32	8	31			6842	-42	6				8735	-53	2			
21	4016	-25	6	58	333	15	5315	-34	4	49			6846	-44	3				8724	-56	2			
22	4016	-24	2	32	298	17	5324	-32	6	59			6864	-42	9				8741	-57	2			
23	3952	-26	0	55	246	14	5251	-34	1	61	246	16	6780	-44	4		251	20	8663	-53	5		-	
24	3877	-28	4	43	211	05	5164	-36	0	A21	211	09	6679	-46	7		225	12	8553	-49	7		222	08
25	3925	-27	8	50	109	02	5213	-36	4	40	085	06	6723	-47	9		029	08	8610	-49	0		006	07
26	3909	-28	8	45	313	07	5189	-37	9	56	316	09	6694	-47	8		308	13	8558	-53	8		296	14
27	3931	-28	8	59	280	07	5213	-37	1	54	282	06	6722	-47	4		278	06	8589	-53	5		267	06
28	3906	-28	1	39	230	07	5194	-36	1	45	255	13	6712	-46	1		270	20	8579	-53	1		270	16
29	3894	-28	4	30	154	08	5199	-32	4	63	173	09	6735	-44	4		202	13	8602	-57	7		197	15
30	3869	-26	6	A19	097	09	5165	-34	5	A21	086	12	6689	-44	7		085	15	8559	-57	1		085	18
MN	3974	-28	9	39	*		5273	-33	7	36	*	07	6805	-43	8	55	*	11	8693	-53	2		*	

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	mps.
01	10995	-48	2				12886	-48	7				15531	-51	5				17835	-54	7			
02	11067	-50	4		193	09	12943	-51	0		195	08	15573	-51	3		170	06	17863	-56	7		202	02
03	11087	-51	1		175	14	12955	-51	8		189	08	15578	-52	9		158	07	17866	-56	1		177	08
04	11121	-47	7				13008	-50	3				15647	-53	2				17945	-54	2			
05	11159	-52	0		-		13020	-53	0		-		15632	-54	4		-		17906	-55	9		050	09
06	11208	-52	8				13137	-54	3				15721	-56	9				17973	-56	8			
07	11507	-60	3				13322	-56	7				15886	-58	0				18117	-60	7			
08	11580	-60	7		-		13400	-57	0		-		15960	-58	2		-		18192	-60	2		-	
09	11526	-55	8				13363	-55	8				15991	-57	1				18180	-58	3			
10	11433	-50	1		-		13306	-51	8		-		15907	-55	6		050	06	18174	-57	0		049	08
11	11438	-50	3		037	09	13310	-49	9		034	07	15941	-53	6		069	11	18214	-57	7		059	13
12	11448	-48	9				13332	-50	9				15951	-54	6				18237	-55	5			
13	11431	-49	1				13319	-49	0				15941	-51	8				18223	-58	0			
14	11431	-49	1		109	17	13308	-52	1		101	14	15909	-55	0		097	09	18174	-57	1		089	03
15	11435	-51	5		109	12	13301	-52	8		096	12	15899	-56	0		100	09	18169	-56	8		091	05
16	11432	-52	1		117	06	13292	-52	9		117	08	15895	-55	6		113	05	18160	-56	2		089	05
17	11420	-50	5		228	05	13290	-52	2		234	05	15897	-55	0		101	01	18172	-55	7		039	05
18	11414	-50	8				13280	-52	5				15895	-54	7				18162	-56	6			
19	11381	-50	0				13266	-49	0				15893	-54	2				18171	-55	7			
20	11339	-49	3				13218	-50	0				15851	-52	3				18152	-55	2			
21	11317	-49	8				13197	-50	8				15823	-54	0				18115	-54	4			
22	11341	-49	0				13225	-49	5				15853	-52	7				18155	-54	0			
23	11305	-47	5		-		13204	-48	4		234	09	15848	-52	2		219	09	18157	-52	0		197	04
24	11240	-46	2		225	03	13146	-48	2		225	03	15793	-50	8		225	02	18111	-50	5		217	02
25	11292	-46	6		288	04	13198	-47	5		274	03	15865	-49	8		246	05	18192	-51	1		229	04
26	11227	-46	0		270	06	13127	-48	1		252	06	15787	-49	6		250	05	18116	-51	0		202	06
27	11257	-45	9		269	10	13168	-46	7		257	07	15850	-48	4		240	07	18185	-51	0		227	07
28	11246	-45	7		247	06	13165	-46	3				15814	-49	2				18151	-49	8		199	05
29	11226	-46	8		196	05	13139	-45	6		196	06	15816	-47	4		156	05	18170	-49	0		181	03
30	11216	-46	0		112	04	13128	-46	6		137	05												
MN	11320	-50	0		*		13198	-50	6		*		15824	-53	3		*		18111	-55	1		*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

CLYDE, N.W.T.
APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19943																			
02	19974	-58 4		178	05	23161	-62 8		241	03										
03	19992	-58 8		155	07	23181	-62 0		150	02										
04	20013	-57 9		162	07															
05	19986	-57 5				23193	-60 7				25706	-61 6								
06	20020	-59 2				23222	-59 9													
07	20140	-59 9				23330	-60 6													
08	20216	-61 1				23385	-61 4													
09	20231	-59 6				23405	-61 5													
10	20245	-59 3		085	03	23433	-60 9		056	06	25946	-61 3								
11	20285	-60 1		059	10	23474	-60 5		068	10										
12	20380	-59 2				23566	-59 9				26100	-60 1								
13	20340	-60 9				23521	-60 4				26070	-59 4								
14	20322	-58 2				23543	-57 8				26095	-58 9								
15	20368	-56 5		101	05	23599	-56 9		101	08	26164	-57 0		126	07					
16	20296	-57 6		079	07	23524	-57 5		103	05	26078	-58 5		079	05					
17	20272	-55 9		075	05	23517	-57 8		104	05	26079	-56 3		109	06					
18	20281	-56 6																		
19	20295	-56 1				23547	-55 1				26128	-55 7								
20	20273	-55 2				23532	-55 7				26127	-53 1								
21	20343	-55 0				23618	-53 0				26243	-53 0								
22	20300	-53 0				23590	-53 1				26204	-52 7								
23	20293	-53 0				23575	-53 1				26196	-52 0				30730	-45 8			
24	20294	-51 8		160	06	23598	-52 0		140	04	26230	-50 4		162	08	30844	-40 0		204	21
25	20288	-52 1		191	04	23592	-52 1		156	06	26224	-50 6		172	09					
26	20295	-52 0		221	04	23608	-51 2		188	04	26254	-50 0		202	11					
27	20342	-52 5		209	08	23659	-51 2		217	07	26300	-50 4		210	12	30896	-42 9		199	18
28	20407	-51 2		209	08	23739	-50 1		198	10	26395	-48 5		203	10	31036	-38 6		208	15
29	20418	-49 7		205	06	23767	-48 2		190	08	26442	-47 2		182	10	31124	-37 8		195	15
30	20381	-50 1		163	04	23737	-47 6		175	05	26430	-46 6		177	13					
MN	20241	-56 2		*		23504	-56 4		*		26171	-54 2		*		30926	-41 0		*	

00 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	46540	03	2 09	0					1	06 95	367	-47 8	300	1	09 42	253	-46 9	335	1	06 48	394	196	42
02	10940	02	2 15	0					1	07 90	324	-55 8	300	0					9	08 08	315	210	16
03	00900	02	7 27	0					2	07 58	345	-54 7	296	0					9	08 80	284	191	14
04	20940	03	2 07	0					1	07 90	326	-55 2	300	0					9	07 87	327	180	18
05	00900	02	2 16	0					2	06 80	386	-47 6	297	0					4	06 95	377	197	33
06	20950	03	2 30	0					1	08 94	282	-56 2	312	2	19 77	052	-59 1	498	1	05 47	479	221	18
07	00909	01	2 20	0					1	08 90	294	-54 2	311	0					1	06 41	428	211	52
08	00909	03	2 14	0					1	11 24	210	-65 5	324	0					1	05 29	514	225	43
09	46511	02	2 07	0					1	10 66	230	-62 1	321	0					1	07 61	369	241	25
10	8062-	71	7 09	0					2	09 08	291	-57 7	307	0					9	07 30	382	185	24
11	57570	71	7 02	0					2	08 97	293	-57 5	307	0					9	08 10	335	115	22
12	00901	02	7 01	0					1	10 33	240	-61 4	318	0					1	00 39	975	314	13
13	11400	36	7 09	0					1	08 82	297	-50 8	315	1	10 81	220	-49 6	345	0				
14	35500	01	2 01	0					1	09 35	274	-48 8	325	1	11 60	195	-50 2	356	1	05 02	520	101	21
15	10940	02	2 05	0					2	08 47	318	-51 2	308	0					9	09 04	292	104	32
16	860--	10	7 04	0					1	09 83	257	-56 0	320	0					9	07 74	386	123	26
17	56100	10	7 05	0					1	09 40	272	-55 4	316	0					9	08 69	305	178	32
18	00900	02	2 02	0					1	09 21	280	-53 5	316	0					1	08 91	293	292	21
19	15500	02	2 03	0					1	08 91	292	-51 8	315	1	12 92	158	-53 5	372	0				
20	20940	03	8 01	0					2	08 27	322	-55 2	302	1	14 66	120	-53 9	402	0				
21	20940	02	8 03	0					2	08 60	307	-55 5	305	0					1	01 05	890	331	13
22	00901	03	7 07	0					1	09 78	255	-59 0	317	0					1	04 90	532	321	21
23	20944	02	7 03	0					2	08 90	292	-56 4	308	0					2	04 98	524	292	20
24	25501	76	3 04	0					1	07 81	337	-49 0	306	0					1	31 56	009	215	21
25	65609	03	2 06	0					1	07 36	362	-52 6	295	0					9	26 80	018	172	11
26	56400	03	8 02	0					1	08 50	304	-54 5	308	1	19 56	056	-53 7	499	9	06 31	424	349	18
27	00900	02	2 02	0					1	08 52	302	-55 6	307	0					1	33 13	007	168	18
28	00900	48	7 04	0					1	07 98	330	-52 3	303	0					9	07 64	348	278	14
29	864--	10	4 00	0					1	08 90	287	-59 4	306	0					9	07 51	357	247	19
30	25640	01	8 03	0					2	08 79	293	-59 4	304	0					9	27 85	026	185	17
MEAN										08 76	299	-55 1	309		14 11	151	-52 4	401					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19967	-58 8				23167	-61 3				25693	-60 5								
02	19995	-56 9		139	06	23202	-61 0		217	02	25722	-60 9		230	03					
03	19995	-57 0		179	06	23205														
04	20091	-56 2				23316	-58 1				25855	-59 9				30185	-59 0			
05	20039	-57 7		192	10	23256	-60 0		143	05	25784	-60 0		162	07					
06	20090	-59 3				23286	-59 3				25820	-60 4								
07	20220	-59 9				23406	-60 1				25937	-61 4								
08	20303	-59 5		276	08	23502	-59 8		199	04	26033	-59 8		242	04					
09	20291	-60 7																		
10	20296	-57 6		074	10	23493	-60 3		066	11	26028	-60 2		068	08	30353	-57 0			
11	20328	-59 3		072	14	23525	-60 2		060	12										
12	20369	-60 5				23535	-61 0				26065	-59 2								
13	20343	-57 3				23567	-56 7				26127	-56 2								
14	20300	-57 8		109	03	23518	-57 0		102	05										
15	20293	-57 4		087	06	23512	-57 3		109	09	26081	-56 6		109	13					
16	20296	-56 3		096	07	23537	-55 8		100	09	26116	-56 3		132	08					
17	20315	-55 8		119	05	23569	-55 1		140	04	26164	-54 1		128	08					
18	20300	-55 9				23546	-56 6				26135	-53 9								
19	20318	-54 3				23578	-54 6				26183	-53 8				30678	-49 5			
20	20307	-54 1				23572	-55 2				26176	-52 9				30699	-46 2			
21	20266	-55 6				23542	-52 9				26162	-53 1								
22	20316	-52 7				23616	-53 5				26251	-50 7								
23	20336	-52 4		070	04	23647	-51 0		191	10	26291	-50 4		118	11					
24	20294	-52 3		161	06	23602	-52 4		157	07	26242	-49 1		175	08					
25	20379	-51 2		184	03	23703	-50 1		145	10										
26	20305	-51 1		260	04	23625	-50 7		179	11	26274	-49 2		202	09					
27	20377	-50 7		293	07	23706	-51 0		200	09	26357	-48 4		203	09					
28																				
29	20349	-50 0		146	04	23700	-48 8		185	11										
30	20372	-49 4		192	05	23734	-47 5		167	09	26425	-45 0		189	16					
MN	20257	-55 8		*		23506	-55 8		*		26084	-55 3		*		30479	-52 9		*	

12 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	2 13	0					2	05 40	464	-44 4	285	0					1	07 05	365	217	30
02	00900	02	2 10	0					2	07 40	352	-55 0	294	0					9	07 06	371	200	12
03	00900	01	7 11	0					1	08 32	307	-55 1	306	0					9	07 90	327	168	20
04	00901	02	8 03	0					1	06 57	400	-50 6	289	0					4	06 18	424	182	26
05	00901	02	8 04	0					1	09 08	276	-55 9	314	0					9	07 16	370	180	40
06	00906	03	2 17	0					1	08 82	294	-56 9	307	6	26 83	017	-63 8	671	4	06 61	413	210	31
07	50729	02	2 14	0					1	10 91	220	-62 9	324	0					1	05 36	306	215	34
08	00904	02	2 05	0					1	10 66	232	-62 4	320	0					9	07 60	374	298	36
09	8052-	71	7 12	0					1	10 23	246	-60 1	318	6	19 91	053	-61 1	491	1	09 96	257	218	24
10	40872	01	6 01	0					2	08 52	313	-54 1	306	0					9	07 31	377	145	31
11	00900	02	7 11	0					2	08 80	303	-57 4	304	1	15 17	113	-53 6	409	9	21 32	043	043	19
12	00901	36	7 19	0					1	09 20	284	-58 3	308	2	20 62	048	-61 4	504	1	01 06	891	344	18
13	65400	03	3 16	0					2	08 16	328	-46 6	312	1	11 90	186	-51 5	358	1	03 00	685	085	24
14	65400	02	3 15	0					1	08 70	304	-51 8	311	0					9	08 14	330	095	34
15	865--	03	2 01	0					1	09 86	255	-56 0	321	0					9	08 30	326	117	31
16	76400	03	7 07	0					2	09 33	277	-55 7	314	0					9	08 90	296	144	35
17	60970	03	2 09	0					1	09 09	288	-55 0	312	0					9	08 43	319	292	17
18	85500	85	2 12	0					1	08 86	296	-52 3	313	0					1	06 52	422	278	33
19	00900	36	7 02	0					1	08 52	311	-54 5	305	1	14 00	134	-52 5	392	0				
20	10940	02	8 05	0					1	09 82	253	-57 9	319	1	17 98	072	-58 2	462	0				
21	00900	02	2 01	0					2	08 85	295	-56 9	307	1	15 65	103	-54 4	418	1	05 00	524	338	17
22	00908	03	7 08	0					1	09 11	282	-58 7	308	2	14 48	124	-53 0	400	1	04 05	598	298	18
23	8097-	02	7 05	0					1	09 10	280	-54 7	315	0					9	07 40	365	292	27
24	45501	40	2 10	0					1	07 85	334	-53 2	301	0					9	28 52	014	134	13
25	25570	36	8 02	0					1	06 90	390	-49 4	293	0					9	07 70	345	016	12
26	10940	02	8 01	0					2	07 80	338	-53 4	300	0					9	08 37	308	298	15
27	00900	48	8 02	0					2	07 93	333	-53 0	302	0					9	25 10	024	194	11
28	9-0--	43	4 00	0					1	08 05	326	-55 3	300	0					6	07 14	375	272	23
29	5645-	02	4 00	0					1	09 18	274	-59 3	309	0					9	07 60	351	194	20
30	50840	38	6 01	0					1	08 64	297	-57 3	306	0					9	08 46	305	084	20
MEAN										08 66	305	-55 1	307		17 39	094	-56 3	456					

A Statistical Value for Relative Humidity

* Vector Mean Wind

\- Entered under Wind Direction indicates a Stratum of Missing Wind Data

CLYDE, N.W.T.

MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1010	-14 8	76	319	09	0087	-15 2	75	319	09	0470	-17 5	71	338	09	0878	-17 0	65	006	07
02	1009	-10 6	66	315	04	0086	-11 2	66	322	04	0478	-14 2	68	020	04	0885	-17 5	70	029	04
03	1008	-11 8	77	310	08	0076	-12 3	77	310	08	0460	-15 4	78	310	08	0871	-18 8	80	313	08
04	1014	-11 6	69	180	03	0121	-12 9	70	183	02	0505	-16 6	72	187	04	0913	-18 1	74	198	05
05	1009	-10 5	81	120	13	0086	-11 0	80	121	12	0490	-11 7	75	127	11	0891	-14 6	69	139	08
06	1010	-10 9	70	360	04	0095	-11 4	71	004	04	0485	-13 8	74	061	03	0900	-13 2	49	086	07
07	1012	-10 5	81	315	08	0107	-11 5	79	324	08	0505	-12 5	64	007	04	0914	-08 8	28	080	04
08	1012	-08 5	52	310	05	0105	-09 0	46	310	06	0500	-09 5	29	330	08	0920	-07 5	41	360	08
09	1007	-06 7	68			0072	-06 8	65			0460	-07 3	40			0893	-08 5	28		
10	1007	-06 6	72	315	07	0071	-07 0	71	315	07	0465	-09 6	64	317	08	0888	-07 3	49	333	08
11	1004	-08 2	74	000	00	0049	-08 3	73	000	00	0455	-09 1	62	303	02	0864	-10 1	51	312	04
12	1003	-10 4	95	090	03	0042	-10 3	95	092	03	0430	-07 9	89	186	02	0859	-09 6	81	229	02
13	1005	-11 4	88	000	00	0050	-11 5	88	000	00	0440	-12 0	87	280	01	0856	-12 6	85	297	01
14	1004	-09 4	61	000	00	0048	-09 5	62	000	00	0435	-11 1	67	010	01	0857	-12 8	73	294	02
15	1008	-09 4	70	320	05	0076	-09 8	71	321	05	0470	-13 2	77	322	07	0878	-16 5	84	324	07
16	1011	-08 9	77	000	00	0101	-09 7	77	000	00	0490	-12 9	77	000	00	0903	-16 4	77	000	00
17	1013	-07 1	63	340	05	0116	-08 0	65	335	05	0500	-11 3	74	326	04	0928	-15 0	82	327	03
18	1021	-06 7	67	360	02	0174	-08 2	69	250	02	0560	-11 6	73	249	02	0985	-11 1	68	260	02
19	1019	-07 3	83	330	09	0159	-08 5	83	334	08	0560	-11 6	84	341	06	0966	-15 0	85	358	04
20	1020	-09 7	84	140	04	0167	-10 9	84	149	03	0550	-13 8	82	182	02	0969	-14 1	78	230	01
21	1022	-11 1	73	320	04	0180	-11 3	66	329	06	0570	-14 9	70	346	04	0977	-18 5	75	321	04
22	1010	-10 4	79	315	03	0089	-09 7	67	315	03	0480	-12 4	68	320	02	0893	-15 6	70	317	03
23	0999	-09 4	75	000	00	0006					0400	-08 2	62	000	00	0821	-11 2	61	000	00
24	1000	-08 3	68	360	03	0013					0400	-12 0	74	339	05	0818	-16 0	79	320	04
25	1002	-08 2	81	315	08	0035	-08 4	81	318	08	0440	-11 0	82	358	04	0844	-13 8	84	036	03
26	1003	-07 2	71	280	05	0037	-07 5	71	282	05	0435	-10 9	74	303	04	0846	-14 6	77	333	05
27	1016	-06 4	67	200	01	0139	-07 3	68	134	02	0520	-10 5	73	000	00	0949	-13 9	78	328	02
28	1011	-05 2	66	360	04	0102	-06 0	65	355	04	0500	-09 2	62	339	04	0916	-13 0	62	328	03
29	1017	-04 4	55	150	06	0148	-05 5	58	178	04	0540	-08 8	64	268	02	0964	-12 2	71	353	02
30	1021	-05 2	56	140	08	0181	-06 3	55	146	07	0575	-09 2	55	154	07	0995	-13 0	65	159	06
31	1015	-03 0	95	090	05	0131	-03 9	94	103	06	0520	-06 8	92	129	09	0953	-09 8	89	130	13
MN	1010	-08 7	73	*		95	-09 3	72	*		487	-11 5	70	*		903	-13 4	69	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1307	-16 1	59	047	07	1763	-18 1	58	076	07	2245	-20 5	57	079	07	2752	-22 1	A18	073	08
02	1314	-16 8	75	053	04	1769	-19 0	77	080	07	2250	-21 7	77	069	06	2752	-25 0	76	074	10
03	1294	-21 5	82	-		1742	-20 9	82	-		2220	-22 9	81	-		2721	-25 3	80	-	
04	1338	-19 9	74	205	03	1790	-18 1	62	228	02	2280	-19 5	45	257	01	2782	-22 1	29	277	01
05	1321	-18 1	64	145	08	1773	-19 7	71	143	12	2260	-18 0	51	147	10	2769	-20 1	A17	170	07
06	1333	-14 7	59	106	10	1794	-13 1	74	136	12	2290	-12 9	80	148	13	2812	-14 0	89	153	11
07	1357	-08 6	79	146	05	1828	-09 5	87	186	07	2330	-11 5	86	169	08	2853	-11 6	76	158	12
08	1366	-06 3	77	009	06	1841	-08 1	79	030	04	2330	-10 0	80	027	05	2871	-11 5	78	070	03
09	1338	-06 0	30			1815	-06 0	48			2320	-08 2	54			2852	-10 9	30	-	
10	1334	-07 5	43	340	07	1804	-10 5	53	044	05	2300	-13 6	63	046	09	2822	-14 0	35	039	11
11	1305	-10 4	68	020	03	1771	-12 3	65	052	03	2270	-13 0	41	082	06	2786	-15 2	28	105	07
12	1300	-10 6	68	269	01	1766	-11 7	52	326	02	2270	-12 7	30	299	02	2783	-15 0	A16	226	01
13	1293	-11 0	66	290	01	1758	-13 4	72	268	03	2250	-16 0	74	276	04	2784	-18 0	65	269	09
14	1292	-14 5	79	252	02	1753	-14 5	82	224	02	2230	-17 9	88	209	05	2793	-19 4	44	211	06
15	1308	-16 0	86	340	03	1766	-16 0	80	114	02	2240	-16 9	75	129	04	2767	-19 0	74	194	04
16	1336	-12 5	77	000	00	1799	-14 0	74	000	00	2300	-16 0	73	086	02	2805	-18 0	72	092	04
17	1360	-11 3	74	326	04	1825	-12 2	55	329	05	2310	-14 5	48	314	06	2836	-17 3	41	318	06
18	1425	-11 1	59	227	02	1890	-13 1	55	248	02	2390	-15 1	46	227	02	2899	-17 6	28	220	02
19	1399	-12 7	81	350	04	1861	-14 2	67	332	04	2350	-16 0	58	342	04	2866	-18 0	58	360	03
20	1403	-14 0	74	275	02	1865	-14 3	64	299	06	2350	-16 3	44	249	08	2870	-19 2	54	250	10
21	1403	-17 3	78	039	04	1860	-16 5	78	090	04	2390	-18 5	67	097	04	2895	-21 0	47	107	04
22	1324	-15 1	68	317	05	1784	-15 2	58	318	04	2265	-16 8	40	320	04	2786	-19 6	46	321	05
23	1258	-13 1	58	000	00	1720	-14 0	53	255	02	2215	-15 7	47	269	03	2726	-18 8	39	259	03
24	1249	-15 9	80	030	01	1706	-17 2	79	144	04	2200	-18 7	78	164	03	2701	-20 7	47	179	03
25	1276	-16 8	86	097	04	1733	-16 1	64	125	03	2220	-17 7	49	138	04	2732	-20 2	60	156	02
26	1277	-14 7	78	333	04	1741	-13 0	72	320	02	2240	-14 5	65	217	02	2752	-16 9	58	225	02
27	1380	-17 5	84	303	03	1838	-13 7	82	065	02	2320	-16 7	79	108	04	2840	-20 1	67	110	05
28	1349	-17 5	73	336	03	1805	-16 0	48	355	02	2300	-17 6	47	054	02	2804	-20 0	55	067	04
29	1398	-16 0	79	000	00	1856	-15 3	61	000	00	2350	-16 3	55	262	01	2861	-17 4	60	000	00
30	1432	-11 4	35	185	07	1897	-13 0	32	181	07	2390	-14 8	28	181	07	2907	-16 6	A17	188	07
31	1398	-07 2	87	136	16	1872	-07 4	81	143	17	2370	-11 2	38	130	21	2898	-13 7	91	132	23
MN	1338	-13 6	70	* 69	01	1800	-14 1	67	*		2290	-15 9	59	*		2806	-18 0	49	*126	02

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1009	-12 1	80	315	10	0086	-12 8	80	316	10	0475	-16 1	79	325	09	0878	-19 9	78	344	08
02	1008	-11 7	77	315	06	0079	-12 1	77	317	06	0460	-15 0	79	338	07	0875	-18 0	81	352	07
03	1012	-15 9	72	000	00	0106	-14 6	65	300	01	0495	-16 9	67	298	04	0896	-19 6	71	287	04
04	1012	-16 7	50	250	02	0109	-16 4	53	222	04	0500	-17 5	67	149	10	0900	-16 8	70	148	11
05	1009	-12 5	85	090	05	0087	-13 3	84	093	05	0470	-13 1	88	118	08	0888	-15 3	82	110	10
06	1011	-12 1	83	320	07	0102	-13 0	82	323	07	0495	-15 1	76	347	07	0900	-12 5	51	040	05
07	1013	-11 6	64	270	04	0115	-12 2	65	289	04	0500	-10 5	52	333	02	0926	-07 1	40	009	02
08	1011	-09 3	70	315	07	0100	-09 6	71	319	09	0495	-11 0	73	332	13	0912	-08 4	50	-	
09	1006	-07 2	72			0061	-07 6	70			0495	-09 1	98			0877	-09 4	43		
10	1007	-08 3	74	360	03	0067	-08 8	75	056	04	0470	-11 7	78	330	06	0877	-09 8	78	337	03
11	1001	-14 3	47	000	00	0026	-14 0	47	000	00	0400	-07 6	57	000	00	0843	-09 2	49	306	03
12	1005	-14 2	83	310	02	0052	-13 3	81	072	02	0450	-09 7	79	220	02	0862	-11 3	82	175	03
13	1005	-12 7	65	000	00	0052	-13 2	66	000	00	0450	-11 5	74	297	01	0857	-13 1	80	312	02
14	1006	-10 0	71	310	07	0065	-10 2	71	312	07	0440	-12 8	75	340	06	0868	-15 6	80	346	04
15	1009	-09 4	76	330	04	0085	-09 9	76	332	04	0475	-12 9	79	344	04	0887	-16 1	81	353	02
16	1013	-08 9	66	180	02	0115	-09 8	68	201	02	0500	-13 2	75	245	03	0917	-17 0	82	265	03
17	1017	-13 1	83	000	00	0144	-11 8	80	120	01	0540	-12 4	81	190	01	0949	-12 6	80	290	02
18	1021	-08 1	63	330	04	0175	-09 4	68	342	05	0570	-12 4	78	002	04	0979	-12 5	82	077	01
19	1018	-10 3	66	360	06	0154	-11 3	69	345	06	0540	-14 1	76	297	05	0953	-16 8	83	294	06
20	1022	-10 4	82	360	04	0180	-11 6	83	037	04	0570	-14 2	85	066	04	0978	-17 1	86	090	03
21	1016	-09 9	88	320	07	0135	-11 3	84	322	07	0530	-14 9	80	324	06	0933	-16 5	86	344	06
22	1004	-13 4	45	360	03	0043	-12 9	45	360	03	0430	-10 0	51	195	06	0853	-12 0	52	177	05
23	0999	-11 2	70	000	00	0006					0395	-12 5	74	356	02	0810	-12 7	71	010	02
24	1000	-09 6	81	320	07	0016	-09 6	81	320	07	0420	-12 4	81	331	04	0820	-15 4	82	098	02
25	1003	-07 8	57	300	02	0041	-08 1	55	302	02	0450	-11 4	67	331	03	0849	-14 6	77	089	01
26	1004	-06 8	68	360	02	0047	-07 0	68	360	02	0430	-10 2	71	009	02	0858	-13 9	75	333	01
27	1009	-07 8	71	300	02	0083	-08 3	71	302	02	0480	-11 2	72	332	03	0891	-14 3	73	007	03
28	1014	-05 4	49	000	00	0127	-06 2	51	215	01	0510	-09 6	58	313	02	0940	-13 2	66	333	06
29	1020	-05 4	64	090	04	0174	-06 9	60	112	03	0580	-10 4	49	141	03	0984	-13 9	63	152	05
30	1020	-06 0	88	140	14	0168	-08 0	86	146	12	0570	-09 1	74	134	11	0983	-09 3	97	154	11
31	1007	-04 7	86	045	06	0073	-05 1	86	054	07	0480	-07 9	89	106	12	0896	-08 2	90	107	17
MN	1010	-10 2	71	*		93	-10 6	71	*		485	-12 1	72	*		898	-13 6	72	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1306	-17 2	64	040	04	1761	-17 8	70	098	05	2240	-21 3	71	108	06	2746	-24 6	68	090	08
02	1302	-17 6	80	010	06	1754	-21 4	82	022	06	2230	-24 0	82	048	06	2730	-25 6	80	047	08
03	1318	-22 9	75	284	04	1765	-21 2	77	302	02	2250	-21 1	62	010	02	2750	-23 1	43	059	03
04	1329	-17 7	63	156	11	1783	-18 8	54	154	08	2265	-20 0	46	143	04	2772	-22 4	38	144	05
05	1318	-17 6	81	115	11	1772	-18 9	80	135	14	2260	-15 2	82	162	13	2777	-15 3	82	169	10
06	1336	-13 1	60	110	07	1800	-10 9	79	130	09	2310	-10 5	89	161	13	2825	-12 3	89	145	12
07	1372	-06 4	81	357	04	1846	-08 9	80	996	05	2345	-10 0	77	060	01	2874	-12 6	76	128	05
08	1360	-05 5	55	-		1838	-06 2	63	-		2340	-09 0	60	-		2875	-08 2	A15	-	
09	1321	-05 8	55			1796	-07 6	A15			2300	-11 1	A16			2821	-14 8	A16		
10	1317	-12 0	79	015	04	1780	-13 2	73	026	07	2275	-13 3	54	079	07	2793	-16 9	38	089	10
11	1284	-10 9	48	339	03	1749	-12 3	50	035	02	2250	-13 1	33	110	02	2764	-15 0	A16	091	03
12	1302	-10 0	70	176	03	1769	-11 8	52	200	02	2265	-13 6	33	270	03	2784	-15 5	25	294	04
13	1293	-12 1	80	244	02	1758	-12 8	72	292	03	2250	-15 0	56	298	04	2768	-17 6	42	244	05
14	1298	-15 8	82	017	02	1755	-17 3	84	113	03	2240	-17 3	66	150	04	2754	-19 5	39	154	05
15	1316	-14 4	82	349	02	1777	-19 0	78	070	02	2260	-16 3	72	116	03	2781	-19 0	71	119	05
16	1351	-12 6	78	323	01	1815	-13 4	69	327	01	2305	-15 2	65	030	03	2824	-17 6	60	024	04
17	1386	-11 4	70	302	02	1851	-12 5	50	311	03	2340	-14 6	50	275	03	2861	-17 2	39	276	05
18	1415	-12 9	72	080	01	1879	-13 4	61	000	00	2375	-16 0	39	083	01	2885	-18 4	37	079	02
19	1387	-13 2	81	300	05	1848	-15 0	63	289	05	2340	-16 7	43	277	05	2891	-19 2	46	286	06
20	1404	-20 0	88	125	02	1856	-19 0	85	150	03	2330	-21 0	71	174	04	2842	-23 0	57	180	06
21	1364	-16 2	80	002	05	1820	-17 2	72	357	03	2315	-18 3	65	344	05	2815	-21 0	60	359	05
22	1290	-12 2	58	215	02	1753	-13 8	53	260	04	2250	-15 4	35	264	05	2761	-18 0	35	270	05
23	1244	-14 7	69	130	02	1702	-16 2	61	140	03	2200	-17 9	50	148	04	2702	-19 5	55	155	04
24	1251	-15 0	80	098	04	1709	-16 6	72	137	04	2200	-18 2	63	169	04	2705	-20 4	56	162	03
25	1280	-16 0	80	182	06	1740	-14 1	52	179	03	2250	-16 6	51	168	03	2743	-18 6	62	186	03
26	1289	-17 5	78	245	01	1749	-13 6	73	141	01	2240	-15 4	67	132	03	2756	-18 0	60	150	03
27	1322	-17 6	75	319	04	1776	-16 8	78	010	02	2260	-17 0	77	095	03	2776	-20 0	67	104	03
28	1372	-17 0	75	324	08	1829	-15 2	38	326	03	2310	-16 9	60	337	02	2831	-18 7	64	053	02
29	1416	-14 1	69	190	04	1879	-14 2	48	214	04	2360	-16 2	42	217	04	2886	-18 3	42	210	03
30	1426	-08 2	70	164	08	1896	-10 4	69	170	09	2400	-12 4	57	172	11	2916	-14 0	36	181	10
31	1338	-10 9	89	114	19	1805	-11 2	90			2300	-13 5	90			2825	-13 3	89		
MN	1352	-13 7	73	*107	01	1794	-14 4	*66			2285	-15 9	59	*		2800	-18 0	52	*140	02

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

CLYDE, N.W.T.

MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3874	-27	8 A19	079	08	5163	-36	2 57	073	10	6678	-46	1	067	17	8555	-53	0	071	10
02	3859	-30	7 40	080	08	5134	-38	5 A22	069	06	6636	-48	3	069	06	8520	-47	1	051	06
03	3828	-31	2 54	062	05	5098	-39	6 45	046	09	6595	-48	5	045	08	8479	-47	8	335	02
04	3900	-29	1 A19	298	01	5182	-37	0 A22	314	02	6694	-46	3	278	09	8574	-49	1	272	14
05	3896	-25	3 58	184	09	5201	-32	3 62	223	14	6744	-41	8	216	20	8642	-54	5	221	19
06	3973	-19	2 80	136	12	5309	-26	7 70	161	15	6879	-38	8 58	183	22	8793	-53	0	190	28
07	4023	-17	6 68	150	13	5362	-27	4 71	144	15	6928	-40	0 73	133	20	8827	-54	9	143	21
08	4039	-18	4 68	125	05	5374	-28	0 43	135	08	6939	-39	3 A22	157	06	8849	-53	9	157	09
09	4028	-17	2 A17			5368	-25	4 51			6943	-38	9 60			8856	-52	3		
10	3974	-22	0 36	027	16	5290	-29	1 58			6847	-41	3			8740	-52	1		
11	3935	-22	1 A18	116	09	5251	-31	4 A20	116	13	6791	-43	4	117	14	8678	-51	7	085	09
12	3933	-22	5 A18	214	02	5245	-32	0 A20	215	02	6778	-44	5	241	04	8657	-51	9	275	03
13	3899	-25	6 A19			5199	-33	6 A21			6733	-43	2			8618				
14	3885	-26	1 68	204	07	5183	-34	1 67	201	10	6712	-45	6	200	11	8605	-47	1	198	06
15	3900	-25	6 72	128	08	5196	-35	2 70	139	09	6716	-45	8	135	09	8603	-48	8	135	08
16	3942	-25	1 66	097	02	5240	-35	5 58	067	05	6754	-46	5	109	07	8627	-51	8	107	08
17	3977	-23	9 A18	340	04	5283	-33	4 A20	354	07	6816	-43	1	018	05	8713	-53	2	043	12
18	4034	-26	1 32	271	01	5326	-35	3	286	03	6846	-44	8	079	03	8723	-56	1	062	08
19	4003	-25	5 32	354	04	5300	-35	0 32	008	05	6821	-44	0	023	08	8710	-53	4	022	09
20	4002	-25	6 66	245	09	5305	-33	6 67	244	10	6829	-45	8	247	12	8726	-44	8	267	05
21	3980	-27	5 58	106	04	5267	-36	3 A21	089	06	6779	-46	9	086	07	8691	-44	0	016	04
22	3916	-26	2 33	337	11	5211	-35	7 51	012	06	6722	-47	5	352	07	8627	-44	0	008	09
23	3859	-25	5 A19	267	04	5163	-32	7 A20	311	07	6706	-41	4	328	13	8617	-49	0	331	19
24	3826	-27	5 62	165	02	5117	-35	2 35	272	02	6635	-47	0	259	05	8535	-45	6	312	05
25	3860	-25	9 45	168	02	5157	-35	0 31	150	01	6675	-45	9	002	06	8576	-46	9	002	03
26	3896	-23	0 46	168	04	5208	-32	2 40	165	04	6739	-45	3	172	04	8619	-51	7	063	06
27	3970	-26	5 30	102	07	5270	-33	8 63	094	06	6791	-45	9	094	12	8673	-48	2	106	11
28	3933	-26	0 67	088	05	5233	-34	0 60	097	08	6780	-45	2	104	17	8645	-49	7	092	12
29	4001	-24	1 63	253	03	5310	-32	8 63	039	03	6840	-44	2	044	04	8714	-54	9	056	06
30	4052	-23	0 A18	208	08	5362	-32	3 35	204	07	6899	-43	5	236	12	8783	-52	2	227	11
31	4055	-20	0 A17			5385	-25	1 54			6970	-36	2 57			8912	-49	2		
MN	3944	-24	6 43	*		5248	-33	1 45	*129	02	6780	-44	0 54	*125	03	8674	-50	4	*116	02

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3857	-30	2 50	052	10	5129	-38	8 A22	050	10	6637	-46	3	046	18	8523	-50	1		
02	3838	-30	7 75	055	07	5111	-39	0 67	056	07	6611	-47	8	056	07	8500	-46	5	042	04
03	3846	-30	1 35	037	02	5138	-38	8 35	030	03	6638	-47	6	037	07	8524	-48	6	305	07
04	3891	-28	8 A19	167	05	5174	-37	0 A22	167	06	6693	-44	7	235	09	8588	-51	9	259	17
05	3929	-20	7 78	206	17	5250	-31	0 70	183	23	6792	-43	7			8675	-53	8		
06	3989	-18	9 82	161	14	5325	-27	9 74	148	12	6887	-40	0 62	135	18	8793	-53	6	159	16
07	4036	-18	9 75	128	08	5371	-28	1 68	132	10	6933	-40	0 58	133	13	8832	-54	1	132	22
08	4052	-16	7 A17	062	08	5396	-25	4 A18	087	04	6975	-38	5 A22	139	10	8892	-52	5	140	10
09	3976	-20	2 A17			5303	-29	0 A19			6863	-40	0 A22			8763	-52	5		
10	3933	-24	6 A18	056	08	5234	-34	2 A21	045	12	6773	-40	4	028	14	8698	-48	0	037	11
11	3918	-21	7 A18	108	05	5235	-31	5 A20	105	05	6774	-43	6	084	05	8656	-51	8	080	04
12	3932	-22	5 A18	295	07	5247	-31	6 30	324	13	6781	-44	8	318	12	8652	-52	7	283	06
13	3906	-24	0 A18	262	08	5216	-32	3 53	257	10	6757	-42	0	252	11	8651	-50	2	252	14
14	3884	-27	0 50	152	08	5175	-35	6 51	164	11	6694	-45	6	160	11	8595	-46	9	148	07
15	3914	-25	7 63	145	08	5211	-35	1 34	154	09	6730	-45	7	120	09	8608	-50	2	123	08
16	3963	-24	6 54	042	05	5265	-34	0 55	036	04	6791	-44	5	080	06	8676	-54	0	100	13
17	4001	-24	7 40	321	06	5301	-34	2 A21	315	05	6831	-43	6	016	03	8719	-54	9	091	10
18	4021	-25	5 33	065	04	5318	-35	0 39	041	05	6839	-45	0	041	07	8717	-55	3	053	12
19	3983	-26	2 41	284	06	5279	-35	0 39	315	05	6798	-46	3	331	06	8674	-49	1	312	02
20	3956	-29	3 60	184	08	5237	-37	4 58	193	08	6742	-48	3	189	10	8650	-43	3	291	06
21	3938	-28	0 36	360	05	5228	-35	7 48	006	07	6746	-46	3	356	10	8641	-44	2	007	07
22	3900	-24	9 33	262	05	5203	-33	6 A21	280	05	6734	-43	9	336	11	8647	-46	1	354	14
23	3832	-26	0 37	138	02	5132	-32	8 A20	345	06	6669	-44	0	317	13	8576	-46	5	314	11
24	3831	-27	2 65	165	02	5123	-35	3 35	002	02	6640	-47	0	030	01	8551	-44	6	335	03
25	3882	-24	4 49	190	05	5186	-33	6 33	184	05	6714	-45	1	082	03	8602	-50	0	016	07
26	3896	-23	6 47	115	06	5203	-33	3 52	111	06	6732	-44	2	104	07	8614	-50	9	124	10
27	3904	-26	2 60	088	07	5202	-34	0 66	098	10	6727	-45	2	104	16	8608	-49	5	105	16
28	3971	-23	5 59	097	06	5281	-32	3 59	097	08	6814	-44	3	097	09	8690	-55	4	085	10
29	4025	-24	0 43	180	05	5330	-33	5 49	168	03	6858	-44	7	140	05	8732	-54	1	135	07
30	4071	-21	0 41	233	11	5396	-29	5 62	190	09	6950	-41	3	210	14	8840	-55	7	225	20
31	3985	-18	2 82			5335	-23	3 75			6933	-34	3 69			8873	-50	6		
MN	3938	-24	5 46	*		5243	-33	2 43	*120	02	6776	-43	8 47	* 86	03	8670	-50	6	*106	02

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11232	-46	3	096	02	13147	-46	2	179	03	15834	-46	4	188	04	18187	-48	9	210	04
02	11221	-45	8	108	01	13135	-46	2	240	04	15813	-49	1	225	04	18166	-48	0	202	09
03	11179	-44	5	295	04	13101	-45	8	295	04	15784	-48	5	295	04	18136	-47	6	242	04
04	11260	-45	8	264	11	13172	-47	2	265	08	15846	-49	4	270	08	18199	-47	9	243	06
05	11302	-46	5	221	11	13216	-46	6	229	07	15906	-47	5	181	05	18269	-47	2	212	04
06	11410	-49	8	179	11	13312	-46	0	191	08	15982	-48	8	190	07	18336	-48	0	208	06
07	11408	-51	3	153	15	13290	-49	0	179	04	15961	-48	7	160	10	18302	-48	4	209	03
08	11432	-51	0	130	08	13315	-49	0	128	07	15984	-48	0	143	05	18339	-48	5	140	07
09	11438	-52	2			13331	-47	3			16021	-46	2			18394	-46	0		
10	11405	-46	1			13320	-45	7			16019	-49	5			18404	-44	9		
11	11358	-44	6	070	01	13276	-46	4	000	00	15980	-45	9	006	03	18363	-45	1	018	02
12	11342	-44	8	285	05	13267	-45	2	307	02	15977	-44	4	319	05	18364	-45	0	010	03
13																				
14	11327	-43	0	261	03	13266	-43	2	314	03	15995	-43	6	263	03	18380	-46	0	307	02
15	11319	-43	0	-		13256	-43	4	-		15985	-43	9	-		18380	-45	0	-	
16	11319	-44	1	096	02	13250	-43	7	110	03	15976	-44	3	113	01	18361	-45	5	166	03
17	11409	-42	0	073	02	13358	-42	0	151	03	16101	-42	5	150	03	18510	-42	9	152	03
18	11397	-44	2	124	04	13329	-44	0	164	05	16052	-44	0	119	05	18444	-44	9	127	05
19	11407	-42	6	070	03	13349	-42	9	110	05	16073	-43	3	101	04	18472	-44	2	078	04
20	11479	-40	9	330	04	13431	-42	1	011	04	16165	-42	7	050	04	18570	-43	5	013	04
21	11437	-41	2	354	05	13387	-42	9	007	06	16116	-44	0	025	04	18507	-44	7	024	05
22	11382	-41	0	355	06	13334	-42	1	358	06	16068	-43	7	004	06	18460	-45	0	022	06
23	11342	-40	6	333	08	13295	-42	3	342	06	16032	-42	1	335	04	18498	-43	9	334	03
24	11278	-41	0	333	02	13232	-41	6	310	04	15978	-42	4	180	01	18385	-43	1	000	00
25	11300	-41	7	000	00	13248	-42	2	247	04	15984	-43	2	000	00	18380	-44	2	142	01
26	11322	-42	3	140	03	13268	-42	4	131	04	16005	-43	0	136	05	18405	-43	8	136	04
27	11404	-41	1	104	07	13362	-40	6	106	07	16114	-42	1	106	07	18524	-42	1	106	07
28	11365	-40	8	089	05	13320	-41	5	097	05	16061	-41	6	095	06	18484	-41	8	106	05
29	11393	-43	5	036	02	13331	-43	2	065	02	16067	-42	5	105	04	18475	-43	9	111	05
30	11470																			
31	11529	-47	1			13435	-46	8			16138	-44	8			18526	-44	5		
MN	11362	-44	4	*152	01	13287	-44	4	*188	01	16001	-44	9	*138	01	18385	-45	5	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11209	-45	5			13123	-46	8			15802	-47	2			18193	-49	3		
02	11204	-44	0	250	01	13131	-45	7	232	02	15817	-47	0	224	06	18182	-46	6	198	05
03	11225	-44	9	293	09	13145	-45	9	292	06	15827	-47	8	272	05	18185	-47	1	232	05
04	11263	-45	8	251	06	13180	-46	1	257	04	15863	-47	2	223	05	18218	-48	4	222	04
05	11320	-47	0			13220	-47	6												
06	11394	-50	0			13281	-49	4			15947	-47	9			18294	-48	7		
07	11432	-50	3	140	12	13320	-48	5	149	08	15991	-47	9	138	07	18344	-48	6	137	07
08	11473	-51	0	115	08	13363	-47	9	107	06	16050	-46	0	101	05	18419	-47	0	140	06
09	11416	-46	1			13323	-45	8			16023	-46	2			18397	-45	8		
10	11387	-45	0	042	02	13304	-46	0	169	01	16015	-44	0	060	02	18401	-45	7	061	01
11	11342	-44	9	075	02	13267	-45	0	260	01	15974	-44	8	329	02	18363	-45	4	063	03
12	11331	-44	9	301	03	13260	-44	2	300	02	15975	-44	7	338	03	18363	-45	2	039	02
13	11299	-42	4			13300	-43	6			16029	-44	0			18419	-44	9		
14	11239	-41	8	145	03	13276	-42	3	343	02	16012	-43	1	000	00	18409	-45	1	040	02
15	11312	-43	5	119	03	13250	-42	9	124	02	15982	-43	6	179	01	18375	-45	2	119	05
16	11363	-43	6	118	02	13301	-43	3	144	03	16032	-43	2	143	03	18429	-45	0	127	05
17	11401	-44	0	240	01	13337	-43	5	159	04	16065	-43	8	150	04	18462	-44	2	172	04
18	11403	-42	9	135	03	13340	-43	7	114	04	16063	-43	2	117	06	18464	-44	4	100	04
19	11396	-42	3	061	04	13338	-42	8	066	02	16071	-43	3	089	03	18469	-43	9	072	04
20	11396	-41	5	356	07	13339	-43	9	017	05	16065	-44	7	048	04	18438	-46	8	033	05
21	11385	-41	3	012	07	13332	-42	5	015	06	16062	-44	1	032	04	18448	-45	6	036	05
22	11384	-41	2	356	05	13336	-42	0	339	06	16078	-42	9	360	04	18474	-45	5	001	04
23	11316	-40	3	327	05	13274	-41	2	340	04	16020	-42	8	350	03	18420	-43	9	088	01
24	11295	-40	5	300	03	13251	-41	2	278	02	15999	-42	3	118	04	18406	-43	3	148	02
25	11309	-42	8	160	01	13252	-42	2	196	03	15989	-43	0	137	04	18390	-43	6	134	05
26	11332	-41	1	125	06	13286	-42	2	123	06	16029	-42	0	130	05	18438	-43	3	120	06
27	11333	-40	2	107	07	13293	-40	9	090	09	16046	-41	9	057	08	18458	-42	8	088	09
28	11379	-42	5	093	05	13323	-42	5	088	06	16061	-41	6	115	08					
29	11412	-43	2	220	02	13346														
30	11473	-47	1	222	10	13385	-45	2	192	06	16095	-44	9	159	04	18485	-44	6	124	05
31	11528	-46	5			13441	-46	0			16153	-43	0			18553	-43	6		
MN	11358	-44	1	*114	01	13288	-44	4	*109	01	16005	-44	4	*117	02	18388	-45	5	*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

CLYDE, N.W.T.
MAY 1963

STATION INSTRUMENTATION
USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20394	-49 1		200	04	23761	-48 5		182	09	26451	-45 0		157	09					
02	20379	-49 5		210	08	23738	-48 0		220	06	26420	-44 7		183	07					
03	20363	-47 7		210	09	23723	-48 9													
04	20416	-48 5		248	07	23789	-47 0		206	08	26489	-44 4								
05	20492	-47 0		193	07	23891	-45 0		193	10	26621	-41 9		177	09					
06	20562	-46 2		173	10	23958	-45 6		192	09	26673	-43 6		167	09	31383	-38 8		155	16
07	20518	-48 1		169	08	23891	-46 9		169	07	26591	-44 9		142	12					
08	20556	-48 0		160	05	23941	-44 7		142	05	26655	-44 7		149	08					
09	20634	-45 8				24040														
10	20652	-44 5				24069	-44 7				26790	-45 2								
11	20605	-45 9		098	04	24021	-44 8		093	06										
12	20611	-45 7		072	06	24008	-46 2		072	10	26703	-46 3		064	13					
13																				
14	20617	-46 3		030	04	24009	-46 6		060	09	26700	-46 3		070	14					
15	20621	-46 2		108	05	24011	-46 5		089	07	26703	-46 7		082	09					
16	20600	-46 6		115	05	23984	-46 5		119	02	26670	-46 1		100	08					
17	20772	-44 7		156	03	24177	-45 9		130	05	26898	-42 5		121	05	31603	-37 7			
18	20690	-45 9		126	05	24088	-46 9		075	04	26798	-43 8		188	06					
19	20721	-46 0		110	07	24117	-46 0		074	06	26827	-43 9		080	06					
20	20829	-44 5		041	04	24245	-44 3		077	07	26971	-43 0		054	05					
21	20757	-45 3		022	05	24164	-44 9		052	07	26882	-43 0								
22	20704	-46 2		033	05	24112	-45 2		020	05	26818	-45 0		021	07					
23	20693	-45 0		012	04	24114	-44 6		026	05	26825	-45 2		015	06	31465	-42 8		029	11
24	20639	-44 7		088	03	24054	-44 7		079	04	26775	-43 0		087	10					
25	20633	-44 8		126	02	24054	-44 1		108	05	26782	-42 9		091	06					
26	20664	-44 4		110	05	24087	-43 8		100	06	26822	-42 1		098	07					
27	20790	-43 1		105	05	24231	-42 9		096	07	26984	-40 1		099	07	31806	-29 6			
28	20760	-42 8		094	07	24203	-42 2		114	04	26957	-40 5		094	05					
29	20733	-45 1		105	06	24159	-43 5		099	08	26908	-40 0		101	11					
30																				
31	20783	-43 7				24211	-43 5				26950	-41 1								
MN	20627	-45 9		*132	03	24029	-45 4		*110	04	26756	-43 7		*		31564	-37 2		*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	Surface Synoptic Data NhClhCmCh	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00901	02	3 07	0					2	07 78	339	-51 9	302	0					9	07 11	375	068	21
02	60970	01	2 04	0					1	06 90	385	-50 7	293	0					9	22 20	038	180	12
03	60820	01	2 07	0					1	07 20	365	-51 8	295	0					9	01 11	870	312	12
04	25400	02	1 01	0					1	07 54	351	-52 3	298	0					9	09 61	255	266	17
05	46410	03	7 02	0					2	08 70	298	-54 9	309	0					9	06 23	430	228	26
06	80820	01	2 04	0					1	09 46	270	-57 4	314	0					9	08 45	315	191	29
07	60820	02	2 06	0					1	09 51	268	-60 0	310	0					9	08 80	302	142	21
08	25570	02	6 03	0					1	09 60	266	-57 8	315	0					9	10 01	250	150	15
09	20844	03	7 07	0					1	09 88	256	-59 7	315	0					0				
10	00906	02	2 05	0					2	08 10	332	-51 3	304	0					1	04 61	549	028	20
11	00900	02	7 03	0					1	08 32	317	-53 4	305	0					9	07 19	376	112	18
12	00900	40	3 05	0					1	07 71	347	-52 1	299	0					1	26 39	021	054	13
13	16401	40	8 01	0					6	08 23	319	-54 2	304	0					1	02 85	692	288	10
14	21341	03	3 04	0					1	07 51	355	-50 3	300	0					9	26 98	019	089	15
15	25520	70	2 04	0					9					0					1	27 06	019	095	10
16	15500	02	2 05	0					1	08 14	324	-54 0	303	0					9	07 40	364	105	13
17	884--	02	2 03	0					1	08 80	297	-53 6	311	0					9	08 65	304	044	12
18	00905	02	2 08	0					1	08 76	299	-56 3	307	0					9	08 17	327	060	10
19	864--	71	7 02	0					1	08 67	303	-53 8	309	0					9	08 00	336	025	15
20	65600	02	2 08	0					2	07 61	356	-50 8	299	0					9	04 72	543	245	12
21	85600	02	8 09	0					1	07 40	365	-48 6	300	0					1	26 65	021	033	08
22	00900	01	7 09	0					1	07 14	376	-48 6	297	0					9	03 54	632	323	15
23	00900	02	6 01	0					1	08 33	314	-50 6	310	0					9	08 15	323	328	21
24	854--	02	2 06	0					1	07 02	378	-48 7	297	0					9	27 18	019	094	10
25	854--	71	1 02	0					1	07 54	352	-48 5	303	0					9	00 02	002	315	08
26	85500	02	3 03	0					1	08 06	328	-52 8	303	0					1	28 50	016	103	09
27	864--	02	2 09	0					1	08 00	333	-52 6	302	0					9	28 85	015	107	17
28	12431	01	2 06	0					1	07 89	337	-51 9	302	0					9	07 46	360	098	20
29	5555-	02	2 05	0					1	08 51	310	-56 3	303	0					9	27 09	020	102	11
30	25440	02	4 00	0					1	08 57	311	-53 6	307	0					5	07 29	377	242	16
31	872--	68	7 21	0					1	09 95	255	-56 4	321	0					1	02 93	697	132	25
MEAN										08 23	324	-53 2	305										

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20360	-48 8				23719	-49 0				26415	-45 3				31088	-38 4			
02	20402	-49 0		157	05	23770	-47 2		195	12	26468	-45 6		160	13	31191	-38 1		172	10
03	20405	-47 5		217	05	23782	-47 4		183	09	26479	-45 0		195	10	31163	-35 6		200	12
04	20434	-48 6		187	06	23821	-44 7		200	06	26533	-43 8		188	12					
05																				
06	20519	-46 9				23905	-45 5				26623	-42 9				31357	-37 0			
07																				
08	20655	-46 9		136	06	24064	-45 3		148	07	26784	-43 2		140	09	31491	-39 4			
09	20640	-45 4				24056	-44 0				26788	-42 3				31518	-39 9			
10	20653	-44 6		141	04	24078	-43 5		100	10	26797	-43 9		095	09					
11	20613	-44 7		094	05	24031	-45 3		081	07	26728	-46 0		081	08					
12																				
13	20665																			
14	20653	-45 6		080	07	24061	-45 2		090	07	26770	-46 2		074	10					
15	20617	-45 6		120	06	24011	-46 2		107	06	26711	-45 5		091	08					
16	20682	-45 2		155	06	24082														
17	20714	-45 3		137	05	24114	-46 1		090	09	26822	-44 2		118	06	31504	-40 9		117	05
18	20716	-46 4		106	05	24120	-45 0		090	05	26845	-42 6								
19	20721	-46 0		077	05	24127	-45 6		038	06	26839	-43 2		098	09	31578	-36 1			
20	20669	-46 7		048	05	24061	-45 6		063	07										
21	20684	-46 9		052	04	24088	-44 7		055	06	26797	-45 4		063	09					
22	20726	-44 5		027	04	24138	-45 2		066	03	26855	-43 7		077	06					
23	20681	-43 7		082	03	24114	-43 9		050	05	26836	-44 1		063	08	31565	-36 4			
24	20668	-44 2		048	04	24090	-44 2		107	05	26813	-43 6		098	05					
25	20692	-44 1		115	06	24077	-43 6		107	07	26817	-42 0		085	07					
26																				
27	20726	-43 6		091	11	24165	-42 9		095	06	26914	-40 7		079	09	31692	-33 8		088	17
28																				
29																				
30	20740	-44 8		152	06	24165	-44 4		095	08	26912	-39 4		114	10					
31	20812	-43 2				24248														
MN	20632	-45 8		*117	04	24037	-45 2		*		26740	-43 7		*		31415	-37 6		*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	Surface Synoptic Data NhClhCmCh	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	855--	02	7 04	0					1	08 12	320	-51 7	307	0					1	07 11	372	054	21
02	855--	10	7 05	0					1	07 23	364	-50 0	298	0					1	32 40	008	162	17
03	25501	02	2 11	0					1	07 68	342	-50 9	302	0					9	30 17	012	160	15
04	00900	40	7 10	0					1	08 64	298	-52 0	313	0					9	07 39	361	248	20
05	8052-	71	2 06	0					1	08 32	318	-53 9	305	0					3	05 88	457	188	31
06	5552-	02	2 03	0					1	09 71	259	-56 9	318	0					5	07 10	387	150	19
07	25502	03	8 05	0					1	09 34	276	-56 5	313	0					8	09 03	291	134	23
08	20948	02	7 02	0					1	10 27	242	-59 7	320	0					9	09 85	257	129	13
09	20841	02	4 00	0					1	08 64	305	-53 2	309	0					0				
10	65500	03	7 05	0					1	08 75	298	-48 2	318	0					9	07 13	379	026	17
11	10940	02	2 01	0					1	08 25	320	-53 6	305	0					9	24 74	027	081	11
12	00906	40	2 01	0					1	08 40	312	-55 3	304	0					8	06 39	424	322	15
13	30940	01	8 04	0					1	08 21	322	-53 3	304	0					1	08 65	300	252	14
14	2657-	03	2 05	0					1	07 40	360	-49 1	300	0					9	05 90	450	158	12
15	864--	02	2 03	0					1	07 95	333	-53 4	301	0					9	05 81	457	147	11
16	874--	70	2 04	0					1	08 65	301	-54 2	309	0					9	08 10	328	096	14
17	11446	03	2 11	0					1	08 84	295	-55 4	309	0					9	24 58	028	097	10
18	864--	71	7 02	0					1	08 72	300	-55 3	308	0					9	08 32	320	052	17
19	864--	02	3 01	0					1	07 93	336	-53 8	299	0					1	31 25	010	123	13
20	8042-	71	2 06	0					1	07 33	367	-49 5	298	0					9	10 17	240	304	12
21	8042-	71	7 18	0					1	07 60	352	-51 4	299	0					9	06 90	391	357	11
22	00900	02	7 14	0					1	08 04	330	-47 9	310	0					9	07 60	352	354	21
23	9-0--	45	2 03	0					1	07 30	364	-48 3	300	0					1	31 33	010	083	17
24	865--	78	3 05	0					1	06 78	393	-48 0	294	0					9	00 02	000	320	07
25	66400	01	8 01	0					1	08 23	318	-51 5	307	0					9	07 36	364	017	11
26	8042-	02	4 00	0					1	08 14	324	-54 0	303	0					8	08 10	325	122	11
27	30837	10	2 02	0					1	07 90	335	-53 0	301	0					9	07 19	374	096	25
28	75600	02	2 06	0					1	08 59	305	-56 3	305	0					8	07 96	336	101	14
29	65600	01	2 07	0					2	08 30	322	-54 5	303	0					6	07 72	351	122	09
30	35402	36	7 05	0					1	08 84	300	-55 7	307	0					9	09 23	283	228	24
31	8032-	71	7 16	0					1	09 30	281	-54 0	315	0					1	01 78	803	118	25
MEAN										08 30	319	-52 9	306										

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

CLYDE, N.W.T.
JUNE 1963

STATION INSTRUMENTATION
USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE Altitude (Pres. on Sfc.)	SURFACE Temp. °C	SURFACE R.H. %	SURFACE Wind deg.	SURFACE Wind mps.	1000 MBS Altitude gpm.	1000 MBS Temp. °C	1000 MBS R.H. %	1000 MBS Wind deg.	1000 MBS Wind mps.	950 MBS Altitude gpm.	950 MBS Temp. °C	950 MBS R.H. %	950 MBS Wind deg.	950 MBS Wind mps.	900 MBS Altitude gpm.	900 MBS Temp. °C	900 MBS R.H. %	900 MBS Wind deg.	900 MBS Wind mps.
01	1001	-02 5	85	020	05	0027	-02 6	85	022	05	0430	-05 3	86	045	06	0855	-07 2	87	068	07
02	1006	-02 8	81	320	08	0061	-03 1	80	321	08	0460	-06 1	76	328	08	0886	-09 5	70	336	06
03	1012	-02 9	78	090	03	0111	-03 9	78	092	02	0510	-06 6	81	098	02	0931	-11 8	84	109	03
04	1015	-01 7	65	200	06	0135	-02 5	64	203	06	0530	-05 2	61	240	03	0963	-08 0	58	261	03
05	1011	-01 7	88			0100	-02 4	88			0500	-05 5	89			0926	-08 6	90		
06	1011	-01 6	87			0101	-02 5	87			0500	-06 0	88			0926	-09 4	88		
07	1017	-01 5	88	360	07	0150	-02 5	88	008	06	0550	-05 3	87	046	03	0978	-08 4	85	074	04
08	1031	-02 4	90	340	06	0254	-03 9	90	356	05	0660	-06 3	88	038	04	1078	-09 0	87	054	04
09	1033	-02 6	82	000	00	0270	-05 0	77	330	03	0670	-06 4	63	327	07	1094	-06 9	43	343	07
10	1029	001 7	59			0243	000 9	49			0650	-02 7	53			1080	-06 1	57		
11	1022	001 6	73			0194	000 9	66			0600	000 7	40			1038	-00 8	30		
12	1020	001 0	89	315	05	0178	000 1	82	322	06	0590	-02 0	78	335	08	1017	-01 2	50	333	09
13	1017	-01 7	80	320	07	0149	-02 6	82	317	08	0555	-02 6	77	318	08	0985	-00 3	28	342	09
14	1012	002 4	76	305	03	0116	003 3	65	310	04	0530	002 3	51	330	08	0970	004 6	54	335	07
15	1011	003 8	64	000	00	0105	003 8	61	323	01	0520	002 9	59	330	02	0958	001 9	47	310	02
16	1011	003 9	61	000	00	0103	003 4	59	350	01	0505	001 2	49	311	04	0952	000 2	63	310	04
17	1010	002 4	81	000	00	0098	002 0	80	341	01	0500	000 4	70	293	02	0943	-01 4	60	278	02
18	1009	002 0	92	000	00	0091	003 3	82	000	00	0505	003 8	66	209	05	0947	001 6	62	245	05
19	1009	000 5	89	320	09	0089	000 0	89	322	09	0505	-03 3	87	335	08	0923	-04 3	88	345	07
20	1011	002 5	64	210	02	0105	001 9	65	241	02	0500	-01 0	67	315	04	0945	-04 3	70	288	05
21	1004	004 4	76	000	00	0051	004 2	75	000	00	0470	002 1	60	000	00	0900	-01 4	69	202	03
22	1006	000 4	89	330	06	0061	000 1	89	330	06	0475	-02 2	89	328	05	0898	-04 9	89	340	05
23	1008	000 1	91	030	02	0082	-00 6	90	029	02	0490	-03 5	89	018	02	0917	-05 0	88	018	03
24	1010	000 3	89	150	03	0095	-00 3	89	140	02	0500	-03 4	88	080	02	0929	-06 6	86	020	04
25	1003	-01 3	93	350	10	0040	-01 5	93	351	10	0455	-03 9	92	004	10	0872	-06 3	91	010	12
26	1005	002 3	81	320	15	0059	002 0	80	-		0470	-00 5	75	-		0901	-03 2	69	-	
27	1005	002 8	82	315	04	0055	003 9	75	316	05	0485	002 4	69	329	07	0907	-00 5	72	336	09
28	1003	008 1	62	200	07	0042	008 0	60	203	07	0460	005 1	54	225	08	0902	001 5	61	239	10
29	1012	006 6	72	000	00	0113	006 0	70	276	01	0530	003 6	65	281	04	0968	001 1	58	250	03
30	1016	004 8	74	360	05	0142	004 2	71	350	05	0560	002 4	69	329	05	0993	-00 1	75	322	03
MN	1012	01 0	79	*		114	00 5	77	*		522	-01 7	72	*		953	-03 8	69	*	

00 GMT. — CONSTANT PRESSURE DATA

Day	850 MBS Altitude (Pres. on Sfc.)	850 MBS Temp. °C	850 MBS R.H. %	850 MBS Wind deg.	850 MBS Wind mps.	800 MBS Altitude gpm.	800 MBS Temp. °C	800 MBS R.H. %	800 MBS Wind deg.	800 MBS Wind mps.	750 MBS Altitude gpm.	750 MBS Temp. °C	750 MBS R.H. %	750 MBS Wind deg.	750 MBS Wind mps.	700 MBS Altitude gpm.	700 MBS Temp. °C	700 MBS R.H. %	700 MBS Wind deg.	700 MBS Wind mps.
01	1300	-08 1	88	088	09	1770	-10 1	88	112	14	2270	-12 3	88	110	12	2790	-14 6	87	103	13
02	1330	-08 8	85	104	04	1798	-11 7	88	106	06	2300	-12 1	27	113	09	2814	-16 0	34	114	09
03	1368	-12 3	78	112	05	1831	-13 0	62	077	06	2320	-15 0	49	063	07	2840	-17 9	44	060	09
04	1405	-11 0	55	239	04	1869	-14 2	51	232	04	2370	-16 3	64	321	04	2874	-18 7	77	005	06
05	1368	-11 2	88			1832	-14 0	86			2320	-16 8	84			2836	-19 0	83		
06	1366	-12 0	86			1828	-14 9	84			2320	-17 8	82			2826	-20 9	80		
07	1419	-11 6	84	090	04	1881	-15 0	82	094	04	2360	-18 4	80	091	04	2876	-21 9	77	085	04
08	1519	-11 7	85	061	03	1982	-14 3	71	075	03	2470	-17 0	53	064	07	2985	-19 1	26	047	10
09	1540	-07 1	41	003	06	2012	-09 0	32	003	06	2515	-11 4	33	360	06	3036	-13 7	40	353	06
10	1525	-09 6	59			1992	-12 1	62			2490	-15 1	A16			3000	-18 9	A17		
11	1498	002 2	24			1986	-00 3	38			2500	-03 7	72			3041	-06 5	78		
12	1475	001 4	22	350	06	1963	000 1	34	005	04	2490	-01 9	50	355	04	3024	-05 0	23	358	06
13	1444	000 8	A14	359	08	1931	-00 3	A14	010	07	2460	000 8	A14	002	09	3001	-00 5	A14	360	09
14	1435	004 8	A13	360	03	1929	003 5	A13	005	04	2460	002 3	A14	006	03	3004	-00 5	A14	344	03
15	1419	002 2	25	277	02	1909	001 7	A14	250	03	2425	000 1	A14	237	03	2977	-02 1	A14	244	02
16	1408	-02 1	59	315	03	1891	-01 9	30	286	03	2400	-02 6	A14	283	05	2949	-04 8	A15	283	06
17	1397	-03 2	50	305	03	1876	-05 5	58	286	03	2395	-06 7	60	273	05	2917	-09 3	51	265	06
18	1405	-00 8	58	241	04	1887	-04 7	64	243	05	2400	-09 2	75	240	05	2924	-09 4	28	243	09
19	1372	-05 2	88	300	03	1849	-06 8	89	232	05	2350	-10 3	88	224	07	2878	-14 1	88	222	09
20	1393	-07 6	73	277	06	1862	-11 4	77	274	07	2350	-15 3	81	269	08	2873	-16 8	60	297	09
21	1353	-05 1	80	157	01	1828	-07 6	87	227	05	2330	-07 6	90	250	05	2865	-10 3	81	250	03
22	1345	-07 4	89	293	04	1817	-10 2	89	254	05	2310	-09 9	79	290	04	2846	-12 5	73	300	05
23	1365	-06 7	88	350	01	1838	-09 3	87	081	03	2330	-12 7	88	130	04	2861	-13 3	76	184	04
24	1373	-10 0	85	008	04	1848	-06 0	44	055	03	2350	-07 4	24	062	02	2887	-09 9	A15	329	01
25	1318	-06 3	88	026	10	1793	-07 0	86	060	12	2300	-08 0	84	065	11	2832	-08 9	82	092	11
26	1351	-06 2	62	-		1826	-06 8	45	-		2330	-08 5	35	-		2861	-10 2	A15	-	
27	1362	-03 5	73	326	12	1841	-05 3	68			2340	-08 0	65			2879	-11 5	67		
28	1360	-02 2	68	231	09	1840	-05 5	72	242	08	2330	-08 9	76	190	05	2874	-12 4	81	187	05
29	1426	-00 8	40	260	06	1910	-01 5	22	265	09	2420	-04 9	A15	262	09	2960	-07 9	A15	258	11
30	1449	-02 6	82	300	01	1930	-04 1	53	270	04	2440	-06 7	65	266	07	2973	-09 2	73	246	08
MN	1403	-05 4	64	*337	02	1878	-07 2	60	*		2382	-09 4	56	*		2910	-11 9	51	*329	01

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE Altitude (Pres. on Sfc.)	SURFACE Temp. °C	SURFACE R.H. %	SURFACE Wind deg.	SURFACE Wind mps.	1000 MBS Altitude gpm.	1000 MBS Temp. °C	1000 MBS R.H. %	1000 MBS Wind deg.	1000 MBS Wind mps.	950 MBS Altitude gpm.	950 MBS Temp. °C	950 MBS R.H. %	950 MBS Wind deg.	950 MBS Wind mps.	900 MBS Altitude gpm.	900 MBS Temp. °C	900 MBS R.H. %	900 MBS Wind deg.	900 MBS Wind mps.
01	1002	-04 4	83	315	09	0029	-04 6	83	316	09	0420	-08 2	81	338	12	0849	-09 1	60	004	11
02	1009	-02 8	93	040	03	0086	-03 2	93	038	03	0495	-05 8	91	025	02	0912	-08 6	89	040	03
03	1015	-06 6	65	000	00	0131	-05 9	64	190	02	0520	-06 4	68	165	05	0953	-09 6	73	147	03
04	1014	-02 3	74	000	00	0123	-03 0	75	330	02	0525	-05 9	78	309	04	0949	-08 9	82	299	04
05	1011	-03 0	91	360	10	0103	-03 6	90	002	10	0510	-06 3	88	006	09	0927	-09 2	86	358	08
06	1013	-02 0	74	200	03	0118	-02 8	74	201	04	0520	-05 7	74	222	03	0944	-08 9	74	304	02
07	1025	-02 7	91	360	01	0208	-04 0	90	025	04	0610	-06 4	88	043	05	1032	-09 1	86	037	06
08	1033	-03 3	85	330	06	0273	-05 8	85	331	04	0670	-09 5	86	329	05	1090	-10 2	72	331	06
09	1031	-06 9	45	000	00	0258	-01 3	44	320	03	0660	-03 6	44	325	04	1090	-06 0	45	324	06
10	1026	000 7	70			0225	000 0	67			0630	-01 6	62			1064	-03 6	52		
11	1021	000 8	76	320	09	0182	001 7	62	316	11	0595	-00 7	59	318	14	1024	-00 5	44	336	14
12	1020	-01 0	69	310	10	0171	-01 6	70	320	10	0580	-02 9	70	339	08	1007	-02 1	35	342	08
13	1014	002 2	71	000	00	0130	001 9	70	307	03	0530	000 6	65	345	07	0977	-00 7	60	358	08
14	1011	003 3	65	300	04	0105	004 6	51	310	05	0515	003 2	48	339	06	0959	002 9	44	330	05
15	1010	002 5	64	000	00	0097	001 7	64	357	01	0510	002 7	63	340	02	0947	000 7	61	291	04
16	1010	003 3	75	000	00	0099	002 9	73	324	01	0500	001 4	63	332	04	0946	-00 6	60	340	05
17	1010	000 6	91	000	00	0096	001 1	86	000	00	0510	002 0	67	215	02	0945	-00 4	58	229	05
18	1007	002 2	71	000	00	0073	002 7	70	000	00	0490	004 0	61	242	03	0927	001 3	58	254	05
19	1011	001 4	70	315	04	0100	000 7	71	317	05	0500	-02 6	74	330	10	0936	-06 0	77	329	13
20	1007	003 5	75	220	08	0074	003 2	72	220	08	0495	001 0	55	230	08	0920	-02 5	57	260	02
21	1005	000 2	88	000	00	0056	000 0	88	000	00	0475	-01 8	85	010	04	0894	-03 7	82	360	04
22	1007	000 7	89	360	04	0074	000 3	89	355	04	0490	-02 9	87	320	04	0909	-05 3	85	308	04
23	1010	-00 5	79	300	06	0096	-01 1	80	305	07	0505	-04 0	84	323	07	0928	-05 4	83	355	06
24	1006	-01 0	89	020	08	0064	-01 3	89	024	08	0470	-04 2	89	053	07	0895	-07 3	89	063	05
25	1004	-01 0	96	315	13	0051	-01 2	96	-		0450	-03 9	94	-		0882	-06 8	91	-	
26	1005	002 8	82	315	08	0054	002 7	79	-		0475	000 5	66	-		0899	-02 9	71	-	
27	1004	003 4	60	180	08	0048	004 2	58	182	08	0460	003 4	55	214	06	0902	000 5	57	214	03
28	1007	004 4	74	000	00	0071	004 0	74	000	00	0490	001 5	73	148	01	0920	-01 3	71	234	03
29	1014	006 1	71	000	00	0193	005 4	70	331	01	0545	002 7	67	007	03	0985	-00 1	65	287	02
30	1020	001 9	79	100	02	0175	000 8	78	074	01	0600	000 2	74	123	02	1019	-01 5	75	176	03
MN	1013	00 1	77	*		117	-00 1	75	*		0525	-02 0	72	*		0954	-04 2	68	*	

12 GMT. — CONSTANT PRESSURE DATA

Day	850 MBS Altitude (Pres. on Sfc.)	850 MBS Temp. °C	850 MBS R.H. %	850 MBS Wind deg.	850 MBS Wind mps.	800 MBS Altitude gpm.	800 MBS Temp. °C	800 MBS R.H. %	800 MBS Wind deg.	800 MBS Wind mps.	750 MBS Altitude gpm.	750 MBS Temp. °C	750 MBS R.H. %	750 MBS Wind deg.	750 MBS Wind mps.	700 MBS Altitude gpm.	700 MBS Temp. °C	700 MBS R.H. %	700 MBS Wind deg.	700 MBS Wind mps.
01	1291	-08 8	66	038	07	1763	-09 2	78	077	05	2270	-11 4	81	100	06	2788	-13 5	84	110	10
02	1353	-11 5	88	107	03	1816	-13 4	83	035	06	2310	-14 9	65	100	08	2827	-16 1	40	096	10
03	1394	-11 0	64	188	03	1858	-14 0	61	192	02	2345	-17 1	58	050	02	2859	-20 2	51	030	05
04	1389	-12 0	86	312	04	1851	-15 0	86	313	06	2340	-16 7	80	313	04	2856	-17 3	68	340	08
05	1367	-12 2	83	351	08	1829	-15 4	80	350	08	2325	-16 6	77	001	09	2831	-20 0	77	011	06
06	1384	-12 1	75	282	03	1846	-15 7	75	287	04	2330	-19 3	75	274	06	2839	-22 3	75	304	05
07	1471	-13 4	85	027	06	1931	-16 2	83	037	07	2420	-19 0	80	039	08	2924	-22 1	78	049	09
08	1529	-12 4	54	338	04	1994	-12 7	48	356	04	2490	-15 2	36	357	06	3003	-17 6	A17	037	07
09	1538	-05 9	30	322	07	2013	-07 7	52	317	06	2505	-11 3	68	334	09	3038	-13 6	50	326	15
10	1517	-01 8	23			1999	-03 9	35			2505	-07 5	64			3040	-09 9	75		
11	1484	002 5	A13	356	06	1974	000 5	A14	360	03	2495	-02 8	A14	355	05	3031	-05 3	37	360	09
12	1466	000 9	38	019	05	1953	-00 1	35	032	07	2475	-00 5	A14	018	09	3020	-02 0	A14	032	07
13	1437	002 7	30	013	06	1928	002 2	A14	028	03	2460	001 0	A14	358	04	3000	-01 0	A14	360	06
14	1424	004 6	23	069	02	1917	003 4	A13	073	02	2450	002 0	A14	070	02	2992	-00 7	A14	040	04
15	1404	-00 5	48	285	02	1889	-01 0	24	244	02	2400	-01 0	A14	248	04	2951	-03 5	A14	259	05
16	1401	-02 6	57	335	04	1882	-03 2	23	298	03	2400	-05 0	35	278	05	2932	-07 0	31	260	06
17	1400	-03 0	48	274	04	1879	-05 3	61	287	08	2390	-07 5	72	274	09	2918	-11 5	76	252	09
18	1384	-02 6	64	250	05	1863	-06 9	70	226	05	2360	-09 9	69	244	08	2894	-11 5	35	236	14
19	1381	-09 5	80	-		1850	-11 0	71	-		2350	-14 0	55	307	04	2863	-17 1	39	322	07
20	1370	-06 0	62	243	03	1844	-08 1	55	225	05	2340	-10 7	61	216	09	2871	-13 6	79	241	10
21	1344	-05 7	79	357	03	1819	-06 7	83	080	01	2325	-07 7	86	080	01	2855	-11 6	82	158	01
22	1357	-06 3	84	279	03	1830	-08 8	83	295	04	2340	-11 4	82	270	07	2854	-13 0	66	266	09
23	1375	-07 3	69	011	06	1846	-09 7	63	300	02	2345	-12 7	70	330	04	2871	-10 7	29	329	07
24	1340	-07 5	88	086	07	1811	-10 0	78	096	10	2310	-10 0	29	110	10	2841	-09 8	A15	110	10
25	1327	-06 9	76	-		1802	-06 1	47	-		2310	-07 3	41	-		2841	-10 2	74	-	
26	1350	-04 8	72	-		1828	-05 0	51	-		2330	-07 7	34	-		2866	-11 7	32	-	
27	1358	-02 6	58	246	02	1839	-04 0	53	308	05	2350	-06 6	47	318	07	2882	-09 9	41	318	08
28	1374	-04 6	75	258	05	1849	-08 2	82	254	07	2350	-09 9	68	262	11	2881	-10 2	27	272	14
29	1443	-01 1	69	266	03	1925	-03 4	58	260	05	2435	-05 9	46	298	07	2971	-08 3	33	236	08
30	1473	-04 0	77	166	02	1951	-07 5	79	270	01	2450	-10 1	61	267	05	2983	-09 8	A15	268	05
MN	1404	-05 5	62	*339	02	1879	-07 4	58	*		2384	-09 6	54	*		2911	-11 7	46	*315	03

A — Statistical Value for Relative Humidity
** — Vector Mean Wind*
– — Entered under Wind Direction indicates a Stratum of Missing Wind Data

CLYDE, N.W.T.
JUNE 1963

STATION INSTRUMENTATION
USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3960	-15	4	84	120	10	5315	-24	2	67	127	16	6903	-36	3	41	138	14	8840	-50	3		137	23
02	3957	-24	0	60	088	11	5267	-30	8	A20	066	17	6819	-39	9	A22	064	29	8753	-44	9			
03	3976	-25	4	50	063	10	5276	-34	0	A21	052	11	6803	-44	9		065	12	8714	-43	8		058	11
04	4008	-26	0	75	020	08	5306	-33	2	71	020	15	6849	-40	8		026	30	8766	-49	2			
05	3972	-24	5	79			5276	-33	5	65			6806	-44	2				8720	-45	6			
06	3950	-27	8	75			5239	-35	7	68			6759	-44	8				8684	-42	6			
07	3995	-29	2	70	119	03	5274	-37	9	63	190	06	6776	-47	7		180	04	8715	-40	1		032	07
08	4116	-25	7	A19	047	11	5417	-33	2	A20	037	01	6950	-43	5		180	06	8872	-43	7		039	08
09	4194	-19	7	A17	002	05	5524	-28	3	A19	338	05	7090	-38	3	A22	015	12	9030	-46	1		020	14
10	4141	-20	4	A17			5478	-25	1	A18			7073	-33	2	A20			9061	-41	1			
11	4232	-13	0	26			5599	-21	6	A18			7209	-33	0	A20			9173	-47	2			
12	4224	-10	4	33	025	08	5607	-19	3	39	031	07	7226	-31	2	A20	027	06	9195	-47	9		048	08
13	4216	-08	1	A15	343	05	5609	-17	0	A17	339	06	7241	-30	0	A20	343	03	9217	-46	0		090	02
14	4220	-07	3	A15	360	03	5613	-17	0	A17	026	01	7248	-28	8	A19	347	07	9239	-45	1		912	09
15	4188	-08	1	A15	221	04	5577	-18	1	26	282	05	7209	-28	5	28	273	05	9203	-44	0		292	09
16	4147	-11	6	33	263	06	5527	-18	3	A17	234	10	7156	-29	7	A20	224	12	9145	-44	9		215	16
17	4094	-16	2	25	262	06	5440	-25	3	29	265	07	7020	-37	1	54	254	07	8953	-50	7		270	05
18	4099	-17	2	51	248	12	5441	-25	6	41	239	17	7022	-37	1	34	-		8950	-52	0		-	
19	4033	-20	1	27	234	15	5362	-28	5	32	227	20	6929	-38	3	A22			8870	-46	6			
20	4022	-21	6	A18	306	14	5342	-30	0	A20			6900	-38	1	A22			8848	-45	1			
21	4036	-17	3	38	246	05	5381	-25	4	28	272	07	6957	-38	4	58	270	07	8887	-46	9		300	07
22	4009	-19	5	67	307	07	5344	-27	7	A19	297	10	6911	-38	1	A22	303	14	8862	-43	5			
23	4022	-18	9	A17	236	08	5361	-26	1	A19	260	15	6943	-35	6	A21	258	25	8888	-47	2			
24	4062	-16	4	A17	272	06	5410	-25	2	A18	270	11	6999	-34	8	44	273	17	8969	-43	7			
25	4014	-14	4	75	102	08	5376	-21	9	67	164	05	6984	-32	3	60	185	07	8952	-47	6		199	13
26	4031	-19	1	49	-		5375	-24	8	69	-		6967	-34	1	72	-		8920	-48	5		203	19
27	4054	-16	5	66			5398	-26	9	64			6964	-40	0	53			8901	-44	9			
28	4044	-16	0	83	245	14	5395	-24	4	73			6977	-37	5	67			8896	-50	8			
29	4146	-15	0	31	249	13	5499	-23	5	31	251	22	7091	-36	0	42			9025	-50	8			
30	4153	-15	7	52	250	10	5510	-22	9	28	225	12	7108	-34	8	30	228	19	9057	-48	6		-	
MN	4077	-18	0	43	*		5418	-26	2	37	260	03	6996	-36	9	35	*		8944	-46	3	*	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3949	-20	3	37	115	12	5278	-26	3	A19	106	15	6857	-37	0	55	099	21	8787	-50	7		106	21
02	3971	-24	0	28	100	12	5276	-33	7	A21	110	14	6802	-45	5		105	14	8730	-40	5		069	10
03	3991	-25	4	A18	031	11	5290	-34	3	A21	032	16	6818	-44	4		036	22	8727	-46	4			
04	3996	-23	9	67	352	11	5306	-32	4	67	351	14	6839	-43	4		340	16	8744	-48	3		-	
05	3962	-25	5	69	360	12	5264	-33	6	57			6794	-43	8				8719	-43	3			
06	3957	-28	7	76	296	07	5239	-37	3	53	297	11	6749	-44	8		303	14	8691	-40	5		331	06
07	4044	-28	6	51	062	10	5326	-37	1	47	065	05	6836	-47	2		186	03	8747	-42	2		045	06
08	4145	-23	3	A18	041	07	5459	-30	9	A20	246	01	7004	-42	6		260	02	8923	-46	6		023	10
09	4198	-19	0	A17			5530	-28	8	A19			7108	-36	6	A22			9056	-45	5			
10	4217	-16	3	36			5568	-23	4	A18			7159	-36	0	A21			9109	-45	9			
11	4235	-10	1	40	020	10	5612	-19	3	A17	021	10	7232	-31	0	41	016	13	9211	-46	0		023	13
12	4230	-09	0	A15	044	06	5615	-19	1	33	041	04	7236	-31	4	A20	042	03	9209	-47	0		080	04
13	4215	-07	6	A15	349	04	5610	-17	6	A17	310	03	7237	-30	9	A20	270	08	9212	-46	7		297	10
14	4210	-07	1	A15	337	02	5603	-17	5	A17	272	03	7239	-28	4	A19	282	06	9236	-44	1		295	09
15	4154	-10	1	A15	233	06	5536	-19	2	A17	229	07	7164	-29	1	28	225	08	9155	-44	7		201	09
16	4119	-14	2	27	247	05	5477	-24	1	39	213	06	7069	-35	4	A21	198	12	9017	-48	8		197	18
17	4087	-17	8	79	246	07	5427	-26	7	62	255	12	7003	-37	5	38	250	08	8932	-51	1		249	15
18	4063	-18	7	A17	237	16	5399	-27	3	46	236	33	6971	-37	5	A22	-		8901	-51	0		-	
19	4002	-25	0	40	318	10	5303	-33	9	35	-		6853	-38	9	A22	-		8817	-41	5		240	13
20	4033	-18	2	81	246	08	5373	-26	3	74	256	12	6951	-37	3	66	255	18	8897	-47	8		-	
21	4021	-17	5	A17	245	08	5367	-25	6	40	252	07	6951	-36	7	43	259	09	8882	-45	2		282	17
22	4019	-18	6	A17	270	08	5352	-27	9	A19	276	12	6926	-37	7	A22			8872	-45	5			
23	4041	-18	1	A17	300	12	5384	-25	6	A19	293	23	6969	-34	1	A21			8934	-46	6			
24	4021	-15	6	A17	124	08	5375	-23	7	61	169	06	6975	-30	4	69	200	07	8960	-45	6		217	09
25	4020	-14	9	77	041	06	5380	-22	4	77	175	06	6984	-32	8	65	210	07	8949	-46	9		209	19
26	4030	-17	7	A17	-		5371	-26	8	A19	-		6949	-36	5	41	-		8892	-48	7		209	12
27	4055	-17	4	27	319	12	5397	-26	2	39	322	19	6977	-37	0	56			8909	-50	7			
28	4054	-17	8	A17			5393	-26	0	41			6972	-36	7	44			8907	-51	0			
29	4150	-16	2	27	234	12	5500	-23	6	A18	213	18	7104	-34	4	A21			9049	-50	5			
30	4159	-16	2	A17	286	06	5507	-25	5	A19	261	08	7086	-37	6	A22	278	07	9019	-49	0		264	10
MN	4078	-18	1	34	*		5417	-26	7	35	270	04	6994	-37	1	35	*		8940	-46	6	*	*	

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

00 GMT. — CONSTANT PRESSURE DATA

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11513	-43	3		147	16	13442	-43	6		180	06	16168	-44	8		157	08	18548	-45	6		160	06
02	11492	-40	6				13447	-41	6				16187	-44	5				18583	-45	0			
03	11480	-39	7		047	04	13443	-40	9		027	02	16189	-42	0		080	03	18595	-42	9		190	03
04	11488	-41	3				13439	-42	0				16182	-42	7				18596	-43	0			
05	11472	-39	5				13430	-43	4				16176	-42	4				18589	-41	0			
06	11442	-40	8				13397	-41	3				16144	-42	9				18540	-44	0			
07	11495	-39	1		003	08	13463	-40	0		012	09	16225	-42	0		024	03	18635	-43	4		039	05
08	11623	-40	7		033	08	13581	-40	9		041	08	16331	-40	7		048	08	18746	-43	3		047	06
09	11724	-44	8		029	06	13646	-45	9		055	06	16352	-45	6		098	08	18795	-44	5		052	08
10	11801	-43	8				13725	-45	9				16410	-47	6				18776	-45	8			
11	11798	-47	8				13697	-47	9				16380	-47	6				18753	-44	6			
12	11808	-51	1		012	02	13690	-49	1		086	01	16362	-47	5		072	04	18733	-44	9		092	06
13	11837	-52	2		280	02	13717	-48	8		306	03	16390	-47	2		016	02	18760	-44	9		080	04
14	11845	-53	6		307	08	13728	-47	5		295	02	16416	-49	0		286	02	18813	-43	3		028	02
15	11810	-55	3		315	09	13689	-47	4		297	03	16383	-45	4		099	02	18772	-43	6		040	04
16	11754	-51	4		213	09	13648	-47	1		000	00	16346	-45	0		040	03	18796	-44	5		013	03
17	11618	-44	7		245	06	13544	-44	5		252	03	16262	-44	3		000	00						
18	11631	-42	6		-		13569	-43	7		-		16292	-43	0		005	02	18693	-43	9		247	04
19	11603	-41	7				13547	-43	0				16273	-43	7				18675	-42	8			
20	11586	-42	1				13526	-43	9				16247	-44	0				18644	-43	7			
21	11628	-40	7		300	10	13579	-42	4		311	07	16314	-43	4		305	05	18713	-43	3		027	03
22	11611	-40	8				13567	-42	4				16299	-43	7				18698	-44	3			
23	11623	-41	0				13576	-41	9				16315	-43	0				18713	-44	2			
24	11669	-44	0				13606	-42	6				16341	-43	2				18729	-45	5			
25	11647	-40	2		249	06	13605	-41	4		267	10	16350	-42	9		272	07	18753	-42	8		306	05
26	11625	-41	3		294	07	13574	-42	8		304	06	16302	-43	4		339	07	18703	-43	0		314	04
27	11655	-39	1				13626	-40	7				16382	-40	9				18811	-41	0			
28	11605	-42	7				13560	-41	3				16302	-42	6				18718	-42	2			
29	11715	-40	7				13675	-40	5				16419	-41	7				18839	-42	2			
30	11770	-41	5		-		13714	-42	9		-		16451	-42	5		-		18864	-42	0		-	
MN	11646	-43	6		*		13982	-43	6		*		16306	-43	8		*		18706	-43	6		*	

12 GMT. — CONSTANT PRESSURE DATA

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11478	-43	2		125	10	13420	-42	1		150	08	16149	-44	6		160	08	18595	-45	0		146	07
02	11514	-38	4		085	08	13480	-41	6		091	03	16226	-42	8		109	05	18636	-41	9		146	04
03	11474	-39	9				13492	-40	6				16177	-42	7				18586	-42	5			
04	11457	-42	0		-		13407	-42	0		105	04	16156	-42	3		025	05	18570	-42	6		087	03
05	11480	-40	1				13445	-40	5				16197	-42	3				18602	-42	6			
06	11473	-39	0		005	04	13443	-39	8		033	05	16195	-42	0		041	03	18604	-42	2		063	04
07	11508	-40	6		033	08	13463	-41	7		036	10	16201	-43	5		047	08	18595	-43	8		066	07
08	11632	-43	5		044	10	13564	-44	9		044	07	16276	-44	3		058	10	18664	-44	6		042	07
09	11755	-45	0				13672	-46	3				16355	-47	7				18717	-47	8			
10	11800	-45	7				13716	-45	6				16401	-47	0				18776	-45	4			
11	11847	-49	9		056	06	13744	-46	8		057	04	16433	-44	9		078	03	18816	-44	8		071	05
12	11819	-52	6		000	00	13696	-48	9		124	03	16371	-47	0		106	02	18742	-45	3		090	06
13	11828	-52	9		273	05	13707	-49	0		288	04	16378	-47	4		113	01	18751	-44	3		046	03
14	11847	-52	9		299	10	13735	-46	6		329	02	16437	-45	0		345	02	18828	-43	8		040	03
15	11754	-56	3		205	05	13628	-47	7		310	01	16318	-45	9		027	03	18703	-44	2		034	03
16	11674	-46	1		197	05	13594	-44	6		194	04	16311	-43	1		029	06	18705	-44	0		023	02
17	11593	-44	7		248	03	13523	-44	9		237	02	16240	-43	9		000	00	18640	-43	1		000	00
18	11603	-42	0		-		13537	-44	1				16262	-43	2		-		18687	-42	5		-	
19	11578	-41	0		236	06	13526	-42	6		000	00	16256	-43	7		024	01	18656	-43	0		010	02
20	11593	-42	2		-		13533	-43	4		-		16256	-43	5		311	03	18654	-43	8		310	02
21	11627	-40	7		293	12	13579	-42	4		288	12	16311	-43	1		277	04	18718	-42	6		030	02
22	11615	-40	6				13570	-41	9				16304	-43	9				18710	-42	1			
23	11686	-39	4				13646	-40	1				16387	-43	0				18800	-42	5			
24	11655	-41	5		245	11	13611	-41	2		266	09	16350	-42	7		268	08	18754	-43	4		277	03
25	11635	-42	9		285	05	13584	-42	0		294	05	16319	-42	4		327	05	18731	-43	7		320	04
26	11619	-40	2		301	07	13575	-41	7		294	03	16315	-41	5		304	02	18728	-43	3		307	03
27	11611	-41	0				13573	-41	2				16325	-42	6				18741	-41	9			
28	11613	-41	0				13566	-41	6				16315	-41	4				18732	-42	9			
29	11741	-41	4				13690	-42	8				16417	-42	1				18832	-42	9			
30	11728	-42	0		261	06	13673	-43	3		240	07	16401	-43	0		238	06	18810	-42	2		201	04
MN	11641	-43	6		*		13578	-43	4		*		16301	-43	8		35	01	18700	-43	5		*	

CLYDE, N.W.T.
JUNE 1963

STATION INSTRUMENTATION
USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74090	70°27'N	68°33'W	16 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20797	-44	9	146	10	24234	-42	2	090	09	26990	-40	0	122	07					
02	20847	-43	5			24287	-42	2			27043	-40	4			31853	-30	2		
03	20860	-44	0	107	02	24302	-42	7	102	03	27046	-40	6	075	06					
04	20865	-42	9			24315	-42	5			27065	-40	0							
05	20861	-42	9			24301	-41	9												
06	20803	-43	2			24251	-41	9			27005	-42	8			31788	-32	4		
07	20901	-43	1	057	07	24349	-42	5	080	08	27091	-42	1	073	09					
08	21014	-42	5	055	07	24477	-41	1	063	08	27258	-37	6	068	06					
09	20998	-42	9	092	07	24443	-42	0	073	07	27200	-41	9	060	12					
10	21022	-45	0			24446	-43	1												
11	21003	-43	5			24440	-43	5			27184	-40	7							
12	20987	-43	3	086	06	24418	-43	5	068	09	27168	-38	6							
13	21024	-43	7	103	05	24470	-42	0	075	07	27239	-37	9	081	07					
14	21086	-42	2	104	04	24544	-42	8	068	07	27318	-36	9	080	05					
15	21041	-43	1	070	05	24496														
16	20994	-43	0	034	05	24445	-42	9	066	06										
17																				
18	20957	-43	0	030	04	24410	-41	9	060	10	27185	-38	4	067	07	32055	-27	0		
19	20949	-42	2			24407	-41	3			27175	-38	3			32014	-31	2		
20	20911	-43	1			24361	-41	8			27129	-37	0							
21	20983	-42	4	324	03	24451	-39	8	087	09	27241	-36	8	113	04					
22	20959	-43	3			24425	-40	2												
23	20983	-42	5			24445	-40	2			27231	-37	1							
24	20983	-43	4			24445	-40	0			27293	-36	9							
25	21027	-42	0	331	02	24497	-39	9	062	03	27282	-37	5	071	03					
26	20962	-43	2	035	05	24423	-41	1	069	05	27193	-39	0	055	07					
27	21087	-41	5																	
28	20990	-42	5			24455	-40	9			27225	-38	8							
29	21118	-41	4			24607	-39	8			27396	-37	1							
30	21144	-41	6	140	04	24631	-39	1	240	04	27416	-38	0	198	08					
MN	20971	-42	9	*		24421	-41	6	*		27188	-38	9	*		31928	-30	2	*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	Surface Synoptic Data $n_s C_L h C_M C_H$	Surface Synoptic Data ww	Surface Synoptic Data cppp	Freezing Levels Lowest Code	Lowest Alt. Opkm.	Lowest Pres Mb.	Highest Alt. Opkm.	Highest Pres Mb.	Tropopause (1) Code	Tropopause (1) Alt. Opkm.	Tropopause (1) Pres Mb.	Tropopause (1) Temp. °C	Tropopause (1) θ °A	Tropopause (2) Code	Tropopause (2) Alt. Opkm.	Tropopause (2) Pres Mb.	Tropopause (2) Temp. °C	Tropopause (2) θ °A	Max. Wind Level Code	Max. Wind Level Alt. Opkm.	Max. Wind Level Pres Mb.	Max. Wind Level Velocity Deg.	Max. Wind Level Velocity Mps.
01	8032-	73	708	0	·		·		2	08·84	300	-50·3	315	0	·		·		9	08·43	319	130	30
02	865—	02	214	0	·		·		1	08·36	319	-46·2	318	0	·		·		1	07·52	361	066	44
03	74500	02	209	0	·		·		1	07·62	354	-49·5	301	0	·		·		9	07·76	346	063	14
04	00906	03	701	0	·		·		1	08·55	310	-50·2	312	0	·		·		1	07·80	348	027	37
05	70820	71	301	0	·		·		1	07·53	359	-47·5	303	0	·		·		0	·			
06	7941-	71	703	0	·		·		1	07·20	375	-46·3	300	0	·		·		0	·			
07	5731-	71	215	0	·		·		1	06·78	400	-47·7	293	0	·		·		9	12·26	179	028	09
08	864—	02	213	0	·		·		1	07·37	376	-46·5	300	0	·		·		9	03·69	638	045	12
09	19500	01	302	0	·		·		1	09·64	273	-47·5	327	0	·		·		9	07·80	360	023	21
10	60930	02	400	1	0·34	987	0·34	987	1	09·30	290	-42·0	329	0	·		·		0	·			
11	20841	02	707	2	0·39	976	1·91	806	1	10·70	237	-57·0	326	2	13·60	153	-47·6	386	0	·			
12	00900	02	806	2	0·19	999	1·98	799	1	10·91	229	-56·1	331	0	·		·		9	25·70	025	095	12
13	21300	02	711	3	1·02	895	2·93	707	1	11·03	226	-57·8	329	0	·		·		9	02·68	730	360	10
14	00904	02	701	1	2·92	708	2·92	708	1	10·95	230	-59·1	325	0	·		·		9	10·97	229	296	11
15	00901	02	801	1	2·46	747	2·46	747	2	11·21	220	-59·9	329	0	·		·		9	11·40	214	311	11
16	00900	02	802	1	1·00	895	1·00	895	1	10·96	226	-59·5	327	0	·		·		9	10·40	248	209	22
17	00901	02	400	1	0·60	939	0·60	939	2	09·21	289	-52·5	315	0	·		·		8	05·79	477	260	08
18	40848	02	807	1	1·24	867	1·24	867	1	09·12	292	-53·3	313	0	·		·		9	06·20	450	240	21
19	873—	02	204	1	0·10	000	0·10	000	1	08·75	306	-47·1	317	0	·		·		3	09·34	501	227	20
20	55700	03	201	1	0·35	970	0·35	970	1	08·72	306	-45·5	319	0	·		·		1	04·62	552	340	21
21	50852	03	705	1	0·73	919	0·73	919	1	08·40	324	-47·1	312	0	·		·		9	07·66	361	278	11
22	872—	10	204	1	0·09	999	0·09	999	2	07·60	362	-41·5	310	0	·		·		4	07·41	371	298	18
23	872—	02	202	1	0·02	007	0·02	007	1	08·58	315	-47·5	314	0	·		·		1	07·62	363	263	31
24	88500	02	400	1	0·06	005	0·06	005	1	09·57	273	-47·9	326	0	·		·		1	08·86	306	283	57
25	871—	79	308	0	·		·		2	09·42	279	-51·8	319	0	·		·		9	09·41	279	211	13
26	12406	02	206	1	0·40	959	0·40	959	1	09·49	276	-52·5	319	0	·		·		9	09·01	296	204	20
27	36546	14	204	1	0·84	908	0·84	908	1	08·23	332	-44·5	314	0	·		·		1	01·45	840	328	13
28	3742-	14	211	1	1·08	880	1·08	880	1	09·12	290	-51·3	316	0	·		·		1	05·17	516	240	26
29	12531	02	211	1	1·23	870	1·23	870	1	09·13	296	-51·5	315	0	·		·		1	05·70	485	249	27
30	20950	03	214	1	0·98	901	0·98	901	1	09·35	286	-50·3	319	0	·		·		9	09 00	302	231	31
					·		·			·		·			·		·			·			
MEAN										09·05	298	-50·2	316		13·60	153	-47·6	386					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20796	-43	7	138	05	24237	-41	2	112	10	26983	-41	3	102	12					
02	20913	-43	1	120	03	24361	-43	1	104	08	27097	-40	9	098	05					
03	20855	-44	7			24307	-41	4			27061	-41	5							
04	20837	-44	0	076	03	24294	-42	5	120	09	27046	-40	6	112	07					
05	20875	-43	2			24322	-42	1			27079	-40	1							
06	20872	-44	0	075	07	24315	-43	0	076	08	27072	-41	0	087	08					
07	20854	-43	2	085	08	24296														
08	20921	-44	9	072	06	24361	-42	3	063	09	27109	-40	7	086	13					
09	20956	-45	4			24370	-44	0												
10	21026	-45	6			24455														
11	21087	-42	7	079	07	24532	-41	6	079	13	27296	-38	1	095	10					
12	20995	-43	7	085	07	24438	-42	6	074	09										
13	21017	-42	3	083	06	24464	-41	9	108	07										
14	21096	-42	5	097	05	24560	-40	9	083	07	27327	-39	5	067	05					
15	20969	-42	5	069	06	24421	-43	0	064	03	27171	-39	4	067	12					
16	20972	-42	5	056	07	24426	-42	7	060	07	27181	-39	8	079	12					
17	20912	-42	4	053	07	24361	-41	7	090	06	27130	-37	9	077	08					
18	20943	-42	0	088	06	24403	-41	1	079	04	27173	-37	3	101	06					
19	20928	-42	3	069	03	24382	-41	2	062	02										
20	20918	-42	9	065	04	24375	-40	8	094	06	27158	-36	7	128	08					
21	20995	-41	8	088	04	24470	-40	2	113	06	27254	-36	5	104	12					
22	20987	-42	0			24477	-38	9			27281	-33	9							
23	21076	-41	3			24562	-39	0												
24	21032	-41	8	266	01	24500	-39	8	117	04	27290	-37	2	075	07					
25	20999	-42	7	356	02	24463	-40	5	033	03	27240	-38	3	055	02					
26	20997	-42	7	034	04	24458	-39	9	069	05	27237	-39	2	106	14	32069	-30	0		
27	21021	-41	1			24495	-40	6			27280	-37	9			32111	-30	8		
28	21006	-41	9			24484	-39	8			27271	-37	2			32148	-28	5		
29	21112	-40	9			24602	-40	8			27394	-37	1							
30	21090	-41	4	180	02	24559	-40	0	120	03	27345	-37	3	090	06					
MN	20969	-42	8	*	78	24425	-41	3	*	90	27195	-38	7	*		32109	-29	8	*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	Surface Synoptic Data $n_s C_L h C_M C_H$	Surface Synoptic Data ww	Surface Synoptic Data cppp	Freezing Levels Lowest Code	Lowest Alt. Opkm.	Lowest Pres Mb.	Highest Alt. Opkm.	Highest Pres Mb.	Tropopause (1) Code	Tropopause (1) Alt. Opkm.	Tropopause (1) Pres Mb.	Tropopause (1) Temp. °C	Tropopause (1) θ °A	Tropopause (2) Code	Tropopause (2) Alt. Opkm.	Tropopause (2) Pres Mb.	Tropopause (2) Temp. °C	Tropopause (2) θ °A	Max. Wind Level Code	Max. Wind Level Alt. Opkm.	Max. Wind Level Pres Mb.	Max. Wind Level Velocity Deg.	Max. Wind Level Velocity Mps.
01	874—	38	204	0	·		·		1	08·97	292	-51·8	315	0	·		·		9	07·66	356	103	24
02	854—	71	208	0	·		·		1	07·21	376	-48·3	298	0	·		·		9	04·95	524	113	16
03	00906	01	206	0	·		·		1	07·87	342	-47·9	308	0	·		·		4	06·60	413	094	22
04	8042-	73	704	0	·		·		1	08·50	312	-49·2	313	0	·		·		9	07·05	388	338	17
05	25498	85	211	0	·		·		1	07·69	350	-46·0	307	0	·		·		2	04·33	569	353	14
06	41340	10	206	0	·		·		1	06·32	426	-45·4	291	0	·		·		9	06·11	439	297	17
07	864—	71	216	0	·		·		1	07·41	368	-50·5	296	0	·		·		9	03·75	625	073	11
08	864—	02	207	0	·		·		1	08·00	346	-46·3	308	0	·		·		1	27·59	019	100	14
09	30840	02	400	0	·		·		1	08·65	319	-45·7	316	0	·		·		1	03·10	695	326	17
10	30840	03	709	1	0·23	000	0·23	000	1	09·96	280	-47·6	324	1	13·11	164	-48·0	378	0				
11	10840	02	303	2	0·46	964	2·05	792	1	10·68	239	-54·9	328	0	·		·		9	07·88	365	025	18
12	00900	02	701	3	1·12	886	1·69	826	1	10·80	234	-57·0	327	0	·		·		9	00·02	020	310	10
13	00900	02	705	2	0·75	925	2·81	717	1	10·79	235	-56·5	327	0	·		·		9	08·90	315	305	10
14	00901	02	400	1	2·85	713	2·85	713	1	11·32	217	-59·5	330	0	·		·		9	11·24	221	296	12
15	00901	02	302	1	1·09	885	1·09	885	1	11·40	211	-61·2	331	0	·		·		1	27·30	020	067	12
16	00909	02	400	1	0·86	910	0·86	910	2	09·38	284	-51·1	318	0	·		·		9	09·00	301	197	18
17	70851	02	400	1	0·88	908	0·88	908	1	09·51	273	-55·4	316	0	·		·		9	09·21	287	255	17
18	25740	02	702	1	1·09	882	1·09	882	1	09·01	295	-51·7	314	0	·		·		9	05·65	483	234	37
19	42500	02	803	1	0·18	990	0·18	990	1	08·47	316	-42·2	321	0	·		·		9	04·75	541	305	17
20	2651-	02	712	1	0·64	934	0·64	934	1	09·60	269	-51·1	323	0	·		·		9	08·43	322	264	30
21	861—	10	203	1	0·06	000	0·06	000	1	08·22	332	-48·1	308	0	·		·		9	08·93	298	282	18
22	76200	02	204	1	0·12	995	0·12	995	1	08·58	314	-45·8	317	0	·		·		1	06·60	420	281	31
23	37200	85	801	0	·		·		1	09·02	296	-47·0	321	0	·		·		1	06·14	450	280	26
24	852—	02	711	0	·		·		1	09·83	262	-53·2	323	0	·		·		9	11·15	216	245	24
25	873—	71	201	0	·		·		1	09·61	271	-51·5	322	0	·		·		9	09·16	292	209	21
26	14606	02	704	1	0·52	943	0·52	943	1	08·92	299	-48·8	318	0	·		·		9	08·15	336	212	17
27	00900	02	807	1	0·98	892	0·98	892	2	09·09	292	-52·0	315	0	·		·		1	05·42	498	322	19
28	65740	02	219	1	0·73	923	0·73	923	1	09·22	286	-53·4	315	0	·		·		1	04·04	602	268	17
29	00900	01	205	1	0·95	903	0·95	903	1	09·50	280	-53·0	317	0	·		·		1	06·62	427	206	39
30	50830	02	208	2	0·29	985	0·73	992	2	09·02	300	-49·0	317	0	·		·		9	10·61	235	246	14
					·		·			·		·			·		·			·			
MEAN										09·07	297	-50·7	316		13·11	164	-48·0	378					

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.

JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1024	-32 7	47	090	02	0175	-27 9	46	118	02	0550	-26 8	54	156	03	0934	-28 4	57	163	05
02	1030	-35 1	46	000	00	0214	-29 5	50	139	02	0600	-28 4	61	162	07	0967	-29 0	66	170	07
03	1039	-38 3		110	01	0275	-30 6	37	068	01	0645	-28 2	58	012	01	1033	-26 4	57	350	01
04	1024	-40 0		000	00	0170	-31 5	34	330	02	0540	-25 5	51	054	02	0929	-26 4	56	088	03
05	1011	-33 1	28	040	01	0084	-31 5	30	063	01	0445	-29 0	52	192	02	0835	-29 2	66	238	04
06	1031	-35 0	29	000	00	0223	-35 5	30	140	02	0580	-34 6	38	149	04	0961	-30 3	54	154	06
07	1025	-44 3		360	01	0177	-36 1	A21	005	02	0540	-28 4	35	020	04	0927	-27 6	44	024	04
08	1025	-41 0		000	00	0177	-32 8	A20	003	02	0550	-27 2	33	020	03	0934	-25 7	36	030	02
09	1024	-34 3	32	360	01	0173	-32 8	30	348	02	0540	-22 4	42	346	03	0936	-23 8	60	044	02
10	1015	-31 5	75	045	02	0112	-31 0	70	018	03	0500	-24 6	64	040	06	0876	-21 0	77	087	07
11	1023	-36 4	34	030	02	0163	-31 0	40	270	02	0540	-26 4	64	168	07	0924	-26 5	72	162	09
12	1026	-43 0		000	00	0184	-37 1	33	046	01	0550	-30 3	56	148	03	0930	-28 8	65	170	03
13	1017	-37 2	57	345	01	0127	-34 2	55	343	03	0500	-29 7	63	357	06	0889	-23 7	68	045	08
14	1007	-28 9	63	360	04	0060	-28 3	64	352	04	0440	-21 2	69	333	08	0836	+14 2	83	041	09
15	1004	-29 3	69	290	04	0037	-28 0	69	298	04	0405	-21 1	69	360	05	0810	-25 8	67	030	04
16	0995	-33 1	63	315	03	-031					0340	-33 1	63	331	02	0709	-32 2	64	357	03
17	1006	-33 3	63	020	02	0050	-32 8	63	360	02	0405	-34 2	62	298	03	0790	-33 3	64	295	04
18	1023	-40 2		090	03	0162	-37 2	49	180	01	0520	-33 7	55	185	01	0904	-29 1	62	182	03
19	1028	-44 0		000	00	0192	-37 9	36	000	00	0550	-33 4	53	089	01	0927	-34 5	61	122	01
20	1035	-47 7		000	00	0240	-37 8	35	357	01	0600	-32 5	48	065	01	0980	-31 2	62	115	03
21	1042	-47 8		000	00	0290	-34 6	36	005	01	0657	-27 1	49	018	02	1044	-27 1	48	014	02
22	1040	-44 1		090	02	0275	-31 8	31	320	04	0650	-26 5	45	356	06	1031	-28 0	48	010	06
23	1026	-42 7		000	00	0181	-38 4	A22	320	03	0550	-27 5	59	336	08	0938	-24 0	70	345	11
24	1010	-33 4	63	270	03	0080	-32 5	64	288	04	0450	-28 8	66	356	07	0835	-24 3	68	358	07
25	1016	-38 6		000	00	0116	-36 9	32	010	01	0490	-27 8	49	355	03	0871	-24 6	98	030	06
26	1007	-41 8		115	01	0055	-40 0		090	02	0420	-31 2	50	340	07	0800	-26 0	67	354	08
27	1006	-41 8		000	00	0045	-40 6		332	01	0410	-30 0	48	002	03	0789	-26 4	58	034	06
28	1016	-42 7		090	02	0116	-38 5	A22	133	01	0480	-32 1	42	215	02	0860	-27 1	60	232	03
29	1006	-26 1	73	100	10	0047	-26 5	73	105	10	0420	-29 9	73	157	15	0801	-28 0	74	174	24
30	1016	-26 0	94	120	01	0120	-26 9	55	138	04	0500	-28 6	61	149	09	0874	-31 1	66	146	11
31	0994	-26 8	77	300	10	-036					0350	-24 4	85	312	11	0734	-21 4	81	355	07
MN	1019	-37 0	55	*		137	-33 5	42	*		507	-28 3	55	*		891	-26 9	63	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1343	-28 2	62	164	05	1779	-29 2	65	188	05	2240	-30 9	68	198	06	2725	-33 7	68	199	05
02	1376	-28 7	72	193	05	1811	-29 6	75	205	06	2270	-32 0	74	204	07	2754	-34 3	74	213	07
03	1446	-25 5	52	012	04	1887	-25 3	43	333	06	2340	-27 1	41	309	07	2848	-30 0	42	305	08
04	1341	-27 5	61	049	01	1777	-28 6	66	055	04	2240	-30 1	70	101	07	2727	-32 6	68	115	05
05	1243	-30 4	72	282	03	1674	-32 0	73	274	05	2140	-33 9	74	251	03	2610	-35 7	75	231	02
06	1367	-30 6	53	170	04	1797	-32 5	54	235	03	2250	-34 6	56	262	05	2729	-36 8	58	268	06
07	1398	-28 3	48	022	03	1772	-29 5	51	354	03	2295	-31 7	48	342	03	2716	-34 0	45	321	02
08	1347	-27 3	46	046	03	1784	-27 5	43	025	03	2250	-29 5	36	356	02	2737	-31 3	30	302	01
09	1356	-21 8	70	114	02	1803	-22 1	74	174	04	2280	-24 0	74	185	06	2776	-26 4	74	194	09
10	1302	-17 9	84	109	09	1755	-19 9	83	122	13	2240	-23 1	83	124	11	2732	-27 0	82	117	08
11	1336	-27 0	75	168	06	1775	-27 0	76	171	04	2250	-28 6	77	160	03	2731	-30 3	78	161	02
12	1340	-27 2	74	200	03	1778	-27 5	77	210	03	2250	-28 4	77	222	03	2734	-30 4	75	216	04
13	1307	-21 2	76	068	08	1756	-21 7	81	115	06	2240	-19 6	82	149	07	2746	-20 3	83	171	12
14	1280	-06 8	84	081	10	1753	-08 8	76	120	13	2260	-12 0	79	129	14	2775	-16 1	79	129	12
15	1225	-26 0	63	073	02	1664	-26 9	58	122	03	2130	-24 8	48	151	05	2631	-25 9	A19	165	03
16	1119	-26 6	72	057	07	1561	-24 9	69	073	06	2030	-25 7	68	070	03	2528	-27 5	68	081	02
17	1195	-28 5	69	220	05	1629	-30 6	71	225	08	2100	-33 0	72	188	07	2567	-35 5	74	204	08
18	1310	-31 6	63	165	03	1738	-34 2	65	127	04	2190	-37 0	66	138	06	2664	-37 3	65	143	07
19	1324	-35 9	67	147	04	1746	-36 3	69	178	05	2200	-36 4	70	185	05	2671	-37 1	70	177	07
20	1385	-31 7	63	143	04	1814	-32 8	63	155	05	2270	-33 9	62	177	06	2751	-34 8	60	186	07
21	1456	-25 8	39	260	01	1896	-26 4	28	226	04	2358	-28 7	31	222	07	2851	-31 5	34	234	08
22	1441	-27 8	46	028	07	1880	-25 6	33	025	13	2350	-26 6	A19	017	12	2844	-28 1	A19	017	12
23	1355	-23 5	73	344	10	1799	-23 5	73	352	09	2260	-24 2	75	009	11	2769	-28 4	82	360	13
24	1251	-21 6	76	017	07	1704	-18 3	74	020	09	2190	-22 1	70	047	06	2686	-26 2	67	068	04
25	1288	-22 6	59	049	08	1734	-23 4	64	031	10	2210	-24 7	68	024	10	2706	-25 5	40	029	13
26	1216	-24 2	71	006	11	1659	-24 5	72	009	12	2140	-25 3	74	012	12	2627	-27 6	72	011	10
27	1205	-24 3	55	030	07	1647	-26 2	56	012	07	2125	-27 0	62	017	08	2607	-30 4	63	015	09
28	1273	-26 8	69	247	04	1710	-27 3	64	273	05	2180	-28 0	44	291	05	2669	-29 4	A19	299	06
29	1212	-27 8	74	183	10	1646	-30 1	74	220	06	2100	-32 6	75	206	12	2586	-35 4	75	202	15
30	1277	-34 4	69	146	15	1700	-35 9	70	134	15	2160	-34 8	68	163	14	2631	-36 8	69	169	17
31	1155	-22 0	82	068	12	1607	-18 5	84	089	10	2090	-21 0	83	115	15	2595	-22 2	82	115	16
MN	1304	-26 1	66	*	91 02	1743	-26 7	65	*		2212	-28 1	64	*		2701	-30 3	61	*	169 02

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1028	-37 7		000	00	0198	-30 0	55	175	02	0570	-27 8	63	181	03	0954	-28 5	66	182	04
02	1036	-37 6		000	00	0257	-30 9	56	000	00	0620	-30 9	65	190	02	1005	-30 2	71	238	05
03	1031	-39 1		000	00	0218	-32 8	53	030	02	0600	-27 0	58	059	03	0972	-27 4	57	084	03
04	1011	-29 9	61	330	05	0083	-30 2	62	333	04	0455	-27 8	68	009	03	0841	-26 4	72	050	02
05	1026	-30 5	67	120	06	0186	-32 0	64	144	07	0550	-33 6	63	177	06	0927	-32 3	66	235	01
06	1028	-41 4		110	02	0197	-35 7	43	025	01	0560	-31 7	55	050	02	0941	-29 6	89	100	02
07	1023	-43 3		000	00	0160	-35 0	50	358	01	0530	-29 0	56	014	03	0909	-28 1	92	029	03
08	1026	-41 8		000	00	0184	-31 9	30	310	01	0560	-25 9	41	024	02	0945	-24 0	96	070	03
09	1022	-32 7	55	360	02	0163	-31 7	71	348	02	0535	-23 2	72	002	05	0926	-23 2	78	060	05
10	1019	-33 1	54	270	03	0141	-29 8	59	220	03	0510	-25 4	77	170	10	0906	-22 5	81	180	14
11	1022	-41 3		000	00	0156	-36 0	41	143	01	0530	-28 7	56	153	03	0905	-28 3	70	155	04
12	1026	-41 8		000	00	0179	-36 8	33	300	03	0550	-28 0	54	004	04	0931	-26 7	66	040	05
13	1014	-31 2	52	360	06	0107	-32 1	66	355	06	0490	-24 5	78	356	07	0872	-21 3	88	060	06
14	1010	-28 1	70	090	05	0079	-28 6	68	109	05	0460	-21 0	73	150	10	0854	-20 6	80	145	15
15	0992	-30 3	74	285	13	-052					0330	-29 6	74	311	08	0702	-26 3	73	342	09
16	1001	-34 5	51	010	02	0012	-34 5	31	004	02	0380	-34 6	48	304	05	0752	-28 1	60	336	02
17	1014	-38 8		310	01	0102	-35 9	30	299	01	0450	-35 3	42	230	01	0835	-35 3	57	216	03
18	1015	-41 8		060	01	0109	-37 0	A22	078	01	0470	-32 0	48	171	03	0852	-31 2	98	160	04
19	1032	-46 3		350	01	0223	-39 0	A22	352	01	0580	-33 6	44	015	01	0958	-32 9	59	121	01
20	1039	-47 8		000	00	0267	-37 0	A22	001	02	0640	-29 4	44	039	03	1012	-30 4	51	128	03
21	1044	-46 6		360	01	0303	-32 9	A20	346	03	0680	-28 0	45	355	03	1059	-26 3	40	004	09
22	1038	-45 0		000	00	0259	-34 5	32	341	05	0640	-27 1	35	337	13	1018	-24 1	32	337	11
23	1017	-35 2	38	360	02	0126	-33 9	44	352	03	0500	-29 3	59	325	08	0880	-23 8	77	326	12
24	1009	-32 9	37	290	08	0067	-32 9	40	292	08	0450	-26 0	58	346	05	0825	-24 6	61	034	07
25	1021	-40 9		360	02	0152	-36 4	A21	334	01	0520	-28 3	47	250	01	0907	-23 0	58	216	01
26	0999	-41 0		360	02	-002					0360	-29 8	46	341	05	0748	-25 1	58	011	02
27	1012	-41 8		345	02	0091	-39 5	A22	341	03	0460	-31 8	40	338	04	0837	-25 4	57	003	02
28	1007	-31 7	66	135	06	0058	-32 1	67	137	07	0420	-32 2	69	156	11	0802	-28 5	73	171	11
29	1014	-25 6	69	135	06	0103	-26 0	69	144	06	0460	-23 7	70	161	08	0857	-31 6	71	156	15
30	1011	-25 8	73	360	08	0085	-24 8	73	005	08	0460	-24 8	75	026	05	0850	-25 3	76	052	06
31	1009	-24 6	75	120	08	0070	-24 8	76	124	08	0440	-23 5	75	167	10	0839	-24 0	72	176	04
MN	1019	-36 8	59	*		138	-32 9	46	*		508	-28 7	58	*		891	-26 9	64	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1363	-28 8	69	169	05	1798	-29 6	72	200	04	2250	-31 0	74	206	05	2743	-34 0	71	211	07
02	1413	-29 1	71	297	01	1847	-29 4	68	299	03	2310	-30 1	60	285	07	2797	-31 7	43	287	10
03	1384	-26 5	55	087	04	1823	-26 5	36	076	05	2290	-28 5	30	074	05	2779	-31 4	30	070	05
04	1253	-27 8	73	033	02	1688	-30 0	74	249	01	2150	-31 2	73	195	07	2632	-33 8	78	127	07
05	1330	-33 4	68	292	03	1755	-35 5	69	288	05	2200	-36 7	70	290	07	2679	-38 0	69	293	06
06	1349	-30 0	59	095	01	1781	-31 4	58	333	01	2240	-32 8	56	298	03	2720	-35 3	56	293	04
07	1319	-28 4	49	096	03	1753	-30 0	46	019	02	2210	-31 7	44	002	02	2697	-33 5	41	312	01
08	1361	-25 0	46	084	03	1804	-24 4	42	096	02	2280	-26 5	33	165	03	2769	-29 0	A19	174	04
09	1348	-19 8	82	136	04	1798	-19 6	85	182	07	2272	-21 7	85	192	10	2780	-25 4	83	196	10
10	1325	-23 3	84	186	07	1769	-24 8	86	188	02	2245	-26 4	88	196	03	2735	-27 6	87	178	03
11	1314	-28 9	76	160	04	1749	-28 7	74	160	03	2225	-29 1	73	164	01	2702	-32 0	76	176	01
12	1346	-23 9	61	068	05	1790	-23 7	51	085	04	2260	-24 9	41	120	04	2761	-26 8	32	153	05
13	1300	-15 2	93	128	08	1760	-15 4	99	177	14	2255	-16 9	92	184	16	2762	-18 4	92	179	19
14	1275			146	16	1720			150	18	2200	-20 9	82	103	09	2701	-24 0	81	085	08
15	1116	-23 5	73	338	07	1561	-24 1	65	348	02	2035	-24 6	49	353	04	2530	-27 1	98	357	04
16	1164	-26 5	71	139	03	1602	-27 5	73	170	06	2060	-29 7	75	160	06	2554	-31 5	76	132	02
17	1237	-30 9	61	176	07	1668	-32 2	68	169	08	2130	-35 5	73	165	08	2598	-38 1	76	180	09
18	1255	-33 7	62	142	06	1678	-36 4	65	150	06	2140	-37 2	67	159	06	2601	-37 6	69	168	07
19	1360	-33 0	61	177	03	1786	-34 4	59	179	06	2245	-35 7	58	174	05	2715	-37 1	96	171	07
20	1417	-31 2	56	140	03	1848	-31 2	48	113	04	2300	-32 0	42	121	05	2789	-34 8	41	122	05
21	1474	-24 5	30	343	05	1916	-25 8	A19	319	06	2385	-28 1	A19	306	07	2874	-31 4	A20	301	07
22	1434	-24 9	A18	357	08	1875	-25 5	A19	005	09	2350	-26 0	A19	014	09	2839	-28 7	A19	015	10
23	1901	-19 8	84	351	09	1751	-20 7	83	320	03	2240	-22 2	81	295	03	2731	-25 0	74	305	04
24	1241	-22 3	63	026	09	1690	-21 3	42	026	19	2180	-20 5	26	036	20	2675	-22 4	A18	035	20
25	1326	-24 2	62	280	02	1767	-25 6	66	321	03	2240	-25 1	51	001	05	2737	-26 6	42	007	07
26	1164	-23 5	58	033	05	1607	-24 5	57	025	09	2080	-26 0	35	010	10	2573	-28 4	52	018	13
27	1251	-27 0	63	006	02	1689	-27 6	70	001	04	2150	-27 7	77	012	04	2647	-29 4	72	024	04
28	1214	-26 7	77	195	10	1651	-29 1	79	211	11	2110	-29 4	76	219	11	2604	-31 2	77	215	13
29	1261	-33 4	71	156	18	1686	-34 9	71	156	17	2130	-36 4	73	164	13	2612	-37 2	73	177	16
30	1263	-28 0	75	068	08	1699	-28 9	74	075	09	2180	-31 0	72	108	09	2649	-30 0	69	146	11
31	1256	-23 7	73	213	04	1699	-24 8	72	198	09	2170	-25 9	71	207	12	2666	-27 3	69	219	14
MN	1304	-26 6	65	*	122 02	1742	-27 5	63	*		2210	-28 4	61	*		2698	-30 5	58	*	178 02

A *Statistical Value for Relative Humidity*

* Vector Mean Wind

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.

JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3791	-40	1	216	11	5017	-46	8	215	17	6468	-55	1	214	21	8273	-60	3	210	15
02	3825	-37	6	255	10	5064	-45	3	256	14	6519	-55	7	255	13	8310	-64	3	260	15
03	3928	-37	7	285	06	5160	-47	0	250	06	6606	-56	4	233	09	8394	-66	0	291	14
04	3799	-38	3	123	09	5034	-45	0	174	12	6498	-52	5	184	20	8313	-61	3	199	20
05	3670	-41	4	314	03	4886	-49	4	317	03	6325	-56	0	268	01	8147	-58	0	215	03
06	3784	-42	1	273	08	4998	-49	4	274	10	6433	-57	9	273	11	8212	-63	7	254	11
07	3783	-39	4	37	262	02	5010	-47	3	214	07	6454	-56	7	219	09	8238	-64	8	214	09
08	3813	-37	9	A22	211	06	5048	-45	6	213	10	6505	-55	0	220	15	8296	-63	8	216	23
09	3877	-32	3	71	202	14	5140	-40	7	206	16	6632	-50	4	193	23	8456	-63	1	193	33
10	3823	-34	5	78	132	03	5074	-43	5	077	01	6599	-53	8	150	03	8339	-65	5	154	08
11	3812	-37	3	77	188	02	5050	-45	5	140	01	6508	-54	5	345	01	8307	-64	0	208	05
12	3815	-37	0	68	207	08	5054	-44	8	204	12	6516	-53	7	207	17	8333	-60	4	195	28
13	3878	-25	6	81	187	18	5178	-33	8	76	185	26	6709	-44	2	200	35	8576	-58	0	195	37
14	3923	-21	6	77	137	13	5245	-30	2	73	146	21	6797	-40	8	147	15	8679	-57	5	147	24
15	3727	-33	5	30	145	08	4988	-40	1		142	08	6473	-50	3	141	14	8312	-58	2	148	19
16	3623	-38	7	69	102	02	4882	-41	1		128	03	6373	-48	5	079	08	8213	-59	1	088	08
17	3633	-39	0	75	214	01	4867	-45	2		300	04	6330	-53	1	016	04	8149	-60	9	029	07
18	3721	-40	8		135	06	4946	-47	5		102	04	6391	-56	1	290	03	8204	-59	8	005	12
19	3727	-41	4		188	09	4944	-48	8		189	12	6381	-57	7	188	16	8176	-61	2	198	08
20	3815	-40	3		175	10	5040	-47	4		181	13	6488	-55	9	175	17	8281	-63	2	163	11
21	3923	-39	5		235	11	5143	-49	0		247	14	6576	-57	5	241	08	8362	-64	5	116	02
22	3937	-34	6	A21	023	10	5184	-44	9		032	10	6639	-55	0	038	13	8449	-61	6	095	17
23	3872	-31	0	81	007	13	5142	-39	6	56	016	15	6634	-50	1	025	17	8460	-62	0	020	16
24	3793	-30	1	37	034	06	5069	-38	5	A22	082	06	6572	-47	5	147	07	8414	-60	5	152	08
25	3811	-32	1	A20	025	15	5074	-41	0		021	13	6557	-51	3	002	13	8375	-61	6	004	12
26	3724	-33	3	68	011	09	4981	-42	2		005	08	6455	-53	1	358	09	8280	-61	2	013	06
27	3686	-37	9	65	013	12	4922	-45	0		018	10	6387	-53	1	030	05	8208	-60	1	040	03
28	3759	-34	2	A21	292	07	5019	-41	0		326	11	6504	-50	9	339	22	8334	-59	5	336	18
29	3649	-40	1		200	18	4886	-43	6		215	14	6355	-53	1	231	18	8199	-55	7	298	17
30	3690	-39	6	66	189	21	4926	-43	8		178	24	6406	-51	0	181	30	8250	-54	1	185	21
31	3713	-30	0	76	124	13	4982	-41	3		094	11	6469	-49	5	113	14	8314	-56	8	131	19
MN	3785	-35	9	57	*		5031	-43	7	57	192	04	6500	-52	8	* 198	06	8318	-61	0	* 187	06

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10798	-60	6	179	07	12566	-64	8	197	09	15011	-70	2	185	06	17104	-75	5	195	06
02	10802	-61	5	251	06	12570	-65	3	223	06	15008	-70	6	211	08	17102	-74	7	197	03
03	10871	-63	9	242	07															
04	10811	-62	5	191	11	12571	-65	9	196	09	15004	-70	7	197	07	17097	-75	9	262	03
05	10690	-59	7	233	06	12473	-63	6	257	08	14931	-69	0	258	06	17039	-74	2	276	07
06	10705	-62	6	250	08	12474	-65	2	255	08	14914	-70	4	261	09	17004	-76	5	241	06
07	10718	-63	6	241	08	12471	-66	8	236	07	14896	-71	4	255	04	16971	-77	6	226	06
08	10767	-65	5	218	16	12506	-68	3	208	13	14916	-72	2	233	05	16980	-78	1	242	07
09	10888	-68	7	203	18	12605	-70	5	208	12	14992	-74	7	200	09	17041	-79	2	209	07
10	10775	-67	0	178	09	12500	-69	7	205	10	14892	-73	6	206	11	16956	-77	5	227	08
11	10791	-64	3	204	18	12536	-67	8	213	16	14950	-72	2	213	14	17024	-77	2	227	14
12	10839	-64	0	203	27	12584	-68	0	205	21	14995	-71	5	209	18	17061	-77	9	212	16
13	11039	-71	7	195	33	12747	-71	2	191	27	15122	-74	2	203	22	17183	-78	2	202	18
14	11147	-70	1	160	18	12818	-74	5	161	19	15172	-75	7	162	06	17212	-79	8	186	04
15	10832	-62	4	156	12	12591	-64	0	146	13	15015	-73	6	140	11	17091	-76	7	167	08
16	10743	-60	3	109	08	12522	-64	8	128	09	14975	-69	5	120	09	17071	-74	8	115	10
17	10657	-62	8	031	12	12419	-65	1	036	10	14857	-71	1	024	14	16939	-76	4	039	11
18	10730	-61	2	010	13	12498	-65	4	006	15	14931	-72	3	014	14	17011	-75	8	020	13
19	10683	-63	2	335	01	12443	-65	3	006	08	14863	-73	4	357	07	16932	-76	7	010	07
20	10787	-61	3	131	05	12561	-64	9	090	02	15002	-70	6	067	04	17096	-74	3	394	06
21	10828	-66	6	075	06	12561	-68	8	097	07	14964	-72	5	081	09	17045	-75	5	088	06
22	10936	-65	6	045	14	12678														
23	10939	-65	2	280	03	12677	-68	4	267	05	15095	-71	8	265	05					
24	10924	-62	2	084	02	12692	-64	6	125	02	15149	-70	0	000	00	17277	-70	1	000	00
25	10875	-64	4	360	10	12625	-65	4	350	10	15072	-67	4	353	07	17207	-70	5	346	06
26	10806	-61	1	020	06	12589	-61	7	007	05	15062	-66	8	350	04	17212	-67	1	324	05
27	10725	-61	4	019	04	12502	-64	1	018	04	14968	-66	8	008	05	17120	-66	2	010	01
28	10862	-62	0	334	15	12642	-62	9	338	12	15118	-65	5	339	10	17281	-65	7	300	09
29	10765	-58	0	269	11	12571	-59	9	298	05	15081	-64	0	299	08	17265	-64	0	273	09
30	10826	-57	8	183	16	12640	-60	5	168	12	15161	-62	2	195	12	17381	-59	5	216	12
31	10893	-56	4	146	16	12709	-58	5	151	17	15260	-57	0	170	20	17534	-52	8	180	19
MN	10821	-63	1	* 193	05	12578	-65	7	* 197	04	15013	-70	0	* 213	03	17116	-73	1	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3808	-40	3	216	11	5032	-47	4	219	18	6479	-56	0	222	20	8280	-61	2	235	16
02	3875	-37	8	A22	290	12	5108	-46	6	283	13	6556	-56	4	280	15	8342	-65	2	260	15
03	3854	-37	9	A22	056	05	5083	-48	1	104	05	6523	-56	4	127	06	8300	-66	0	167	08
04	3703	-39	1	70	125	07	4930	-46	6	145	14	6396	-52	5	155	22	8217	-59	9	153	15
05	3731	-43	0		289	07	4940	-50	4	296	10	6369	-58	1	292	12	8157	-62	4	265	08
06	3780	-41	3		255	05	4998	-48	8	237	06	6435	-57	8	231	06	8207	-66	4	225	07
07	3764	-39	9	A22	241	01	4988	-47	9	203	05	6428	-57	6	206	08	8199	-66	0	214	09
08	3862	-33	5	40	213	12	5122	-41	3	212	16	6607	-49	6	217	26	8425	-64	5	214	34
09	3879	-34	0	80	192	11	5130	-42	9	198	12	6603	-52	9	198	14	8410	-63	8	206	16
10	3827	-35	3	80	151	02	5073	-44	8	061	03	6533	-54	5	015	05	8329	-63	9	013	02
11	3781	-37	5	78	225	01	5017	-45	4	250	02	6476	-54	6	254	03	8279	-61	1	202	16
12	3863	-32	4	A20	188	09	5126	-40	8	188	18	6626	-48	0	199	35	8474	-59	7	198	41
13	3905	-23	3	86	192	23	5216	-32	2	78	193	27	6750	-44	7	183	28	8610	-60	8	195	29
14	3813	-30	5	77	050	08	5084	-39	6	73	040	15	6579	-49	0	047	27	8418	-58	6	065	27
15	3628	-33	0	63	039	04	4891	-39	4	64	118	03	6390	-49	5	092	07	8224	-60	3	105	12
16	3638	-35	8	74	338	03	4884	-43	5		122	02	6354	-52	7	143	01	8168	-62	0	037	06
17	3653	-40	8		181	07	4880	-45	6		183	03	6346	-52	2	360	09	8163	-60	9	008	15
18	3658	-41	0		190	05	4884	-46	5		202	06	6333	-56	3	210	07	8143	-58	9	258	03
19	3773	-40	6		176	08	4995	-47	7		169	12	6440	-56	3	174	20	8239	-61	6	171	11
20	3850	-41	1		143	07	5069	-48	6		122	09	6506	-57	9	121	08	8284	-64	8	132	08
21	3949	-38	7	A22	288	09	5178	-47	4		295	08	6621	-57	4	296	07	8403	-64	5	024	04
22	3929	-35	0	A21	020	11	5180	-43	1		030	17	6654	-52	3	032	30	8467	-62	4	036	17
23	3837	-31	4	59	321	05	5107	-38	8	42	283	06	6608	-48	8	276	08	8447	-61	0	256	07
24	3790	-30	1	33	033	21	5068	-38	4	33	025	23	6568	-48	7	021	18	8402	-59	8	002	18
25	3834	-33	7	56	011	04	5090	-42	3		010	10	6564	-53	1	358	07	8375	-63	0	005	08
26	3665	-34	1	45	022	12	4917	-43	0		009	10	6388	-53	1	360	09	8212	-59	7	004	05
27	3738	-33	6	57	011	05	4996	-41	8		036	08	6471	-53	1	009	05	8289	-59	9	342	05
28	3692	-35	0	73	235	13	4946	-42	5		263	15	6424	-50	0	280	25	8271	-58	2	285	23
29	3666	-42	3		182	16	4890	-45	5		190	21	6355	-52	4	183	23	8208	-57	9	210	10
30	3737	-34	0	66	155	19	4997	-41	6		158	23	6475	-50	9	193	19	8312	-57	7	197	21
31	3763	-33	0	62	204	09	5021	-42	3		202	12	6491	-53	5	203	09	8324	-57	8	177	05
MN	3782	-36	1	53	*		5027	-43	9	58	* 192	03	6495	-53	1	* 200	04	8309	-61	6	* 208	04

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10804	-61	1	218	07	12574	-65	0	196	08	15017	-70	1	204	06	17116	-74	4	216	05
02	10819	-63	6	256	07	12572	-67	2	253	06	15000	-70	6	245	06	17092	-75	4	229	02
03	10780	-64	1	200	08	12535	-66	0	218	06	14963	-71	6	225	03	17041	-76	8	295	05
04	10745	-61	6	170	11	12513	-65	1	201	07	14954	-69	9	230	05	17046	-76	1	230	02
05	10659	-61	3	258	09	12434	-63	8	250	09	14866	-71	1	255	09	16952	-76	2	251	08
06	10673	-64	4	241	08	12424	-66	8	246	07	14844	-72	8	245	04	16912	-77	7	241	07
07	10660	-65	1	228	09	12406	-67	8	220	10	14812	-73	2	220	04	16875	-78	1	252	04
08	10843	-71	3	217	24	12553	-70	6	214	14	14928	-75	7	227	10	16971	-78	9	235	09
09	10839	-69	2	198	14	12562	-69	2	206	10	14958	-73	4	190	10	17030	-76	6	225	08
10	10806	-65	1	208	13	12551	-68	9	210	12	14961	-72	0	225	11	17035	-76	6	218	12
11	10778	-64	1	202	21	12520	-68	8	208	20	14918	-73	2	216	17	16986	-77	3	216	15
12	10937	-67	9	200	30	12667	-68	4	202	30	15064	-74	2	203	18	17116	-78	8	218	19
13	11041	-71	5	196	28	12731	-74	0	196	22	15094	-75	0	210	10	17139	-79	4	192	09
14	10925	-65	1	135	18	12673	-70	1	158	14	15067	-73	6	189	08					
15	10747	-61	5	151	09	12513	-66	0	153	09	14944	-70	7	148	12	17025	-77	4	191	09
16	10664	-63	1	058	10	12426	-65	7	063	09	14860	-71	0	064	09	16930	-77	2	062	10
17	10672	-63	6	020	15	12434	-64	9	011	15	14872	-70	9	033	16	16957	-76	0	036	10
18	10670	-62	2	004	06	12435	-65	0	351	10	14876	-71	4	008	11	16966	-74	6	020	10
19	10753	-61	5	051	02	12518	-65	8	002	02	14946	-71	8	031	07	17028	-74	6	054	05
20	10769	-64	2	106	07	12515	-67	5	068	07	14931	-72	0	080	06	17011	-75	7	088	07
21	10868	-66	4	059	07	12599	-69	0	077	08	15002	-73	0	077	09	17072	-76	4	075	06
22	10943	-65	9	004	03	12682	-68	3	086	02	15089	-72	7	018	01	17164	-75	7	237	02
23	10936	-63	5	242	06	12696	-65	4	249	04	15139	-69	8	237	05	17259	-71	5	220	03
24	10906	-63	0	008	09	12668	-65	3	018	08	15117	-68	7	343	03	17247	-70	1	000	00
25	10857	-64	3	348	07	12613	-65	4	345	07	15071	-68	0	339	07	17216	-69	0	343	06
26	10742	-60	6	349	05	12523	-63	6	016	04	14996	-67	3	014	02	17149	-66	0	350	02
27	10820	-60	7	007	06	12600	-63	3	008	06	15075	-65	8	007	07	17240	-66	3	353	04
28	10822	-59	6	291	15	12611	-61	0	308	11	15107	-65	4	315	09	17285	-69	3	300	05
29	10777	-59	1	195	12	12587	-59	4	240	06	15093	-63	9	241	07	17288	-60	9	244	08
30	10887	-56	2	155	18	12698	-61	5	162	14	15226	-61	8	169	13	17463	-56	8	187	16
31	10887	-57	0	167	09	12705	-56	0	166	12	15282	-56	1	186	12	17596	-50	0	197	24
MN	10807	-63	5	* 204	05	12566	-66	0	* 208	04	15002	-70	2	* 211	03	17107	-72	8	*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.
JANUARY 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19030	-79 8		183	04	21885	-83 3		164	04										
02	19039	-78 4		198	07	21910	-82 6		350	03										
03																				
04	19024	-80 0		276	05	21883	-82 3		244	05										
05	18971	-80 0		262	07	21832	-83 4		263	14										
06	18922	-81 1		236	08	21757	-84 3		235	07										
07	18879	-81 1		231	04															
08	18883	-81 4		250	04	21716	-85 0		255	07										
09	18934	-82 1		223	05	21762														
10	18865	-81 3		226	07	21701														
11	18937	-80 4		224	13	21783	-84 7		254	15										
12	18970	-81 4		208	14															
13	19076	-83 2		201	12	21892														
14	19098	-82 8		194	07	21920	-85 0		207	03										
15	18993	-81 9		186	11	21832	-83 7		175	10										
16	19011	-79 1		115	05	21895	-81 6		107	07	24173	-79 0		120	08					
17	18870	-78 4		036	10	21758	-79 2		042	09	24042	-79 7		095	07					
18	18940	-78 4		003	13	21837	-80 0		020	08	24145	-78 5		350	06					
19	18852	-79 6		037	06	21731	-82 5		323	01										
20	19046	-76 2		110	02	21984	-76 4		181	02										
21	18986	-76 6		126	10	21920	-77 3		145	09	24263	-74 2		156	14					
22																				
23																				
24	19267	-71 4		315	03	22352	-59 1		236	11	24966	-41 1		233	27					
25	19217	-68 6		353	07	22373	-55 0		250	03	25080	-33 3		232	26					
26	19252	-63 6		240	06	22467	-49 6		239	18	25276	-26 8		244	37					
27	19174	-64 0		222	05	22430	-47 4		238	19	25248	-22 3		234	45					
28	19346	-61 6		240	06	22645	-44 4		244	24	25531	-22 5		231	42					
29	19358	-57 9		257	12	22738	-33 9		236	34	25695	-18 7		239	39					
30	19528	-51 2		229	21	22979	-32 6		234	51	25885	-25 5		233	51					
31	19742	-40 6		199	30	23318														
MN	19079	-74 4		*224	05	22088	-70 6		*237	09	24937	-45 6		*					*	

00 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Code	Tropopause (1) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Tropopause (2) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Max. Wind Level Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	7 06	0					1	07 70	328	-60 4	293	2	11 62	175	-63 8	345	9	07 00	368	213	25
02	865--	02	2 08	0					2	08 00	316	-63 8	291	6	20 60	038	-82 8	485	9	07 38	349	265	16
03	00900	02	7 10	0					1	08 39	300	-66 0	293	0					6	07 92	325	235	19
04	00901	02	7 23	0					1	09 22	258	-63 8	308	0					9	07 81	324	189	25
05	65500	02	2 32	0					2	06 33	400	-56 0	282	0					9	21 62	031	257	14
06	00908	02	1 01	0					2	07 37	344	-63 5	284	1	14 34	110	-70 5	380	9	07 27	350	263	12
07	00900	02	7 08	0					2	07 84	320	-64 5	289	0					9	07 54	336	216	12
08	00900	02	3 08	0					1	08 89	272	-65 4	301	2	16 22	080	-76 6	404	9	09 15	261	218	24
09	8092-	02	7 10	0					1	09 58	249	-70 5	302	0					9	08 49	298	193	33
10	8082-	02	3 02	0					1	09 76	236	-69 8	307	0					9	01 66	810	118	13
11	30910	02	2 03	0					1	08 39	296	-64 4	296	0					9	10 55	208	200	18
12	00900	02	2 18	0					2	07 92	320	-59 7	296	2	15 60	090	-75 3	394	9	08 00	316	199	31
13	856--	82	7 21	0					1	11 12	197	-72 0	320	0					9	10 00	238	196	42
14	856--	71	7 22	0					1	12 37	162	-78 9	327	0					9	10 31	229	159	42
15	00900	02	7 33	0					2	09 70	240	-61 6	318	1	15 11	098	-74 8	385	9	08 93	271	145	20
16	10940	02	2 16	0					2	08 17	302	-59 1	302	2	16 20	081	-73 9	408	9	13 22	134	122	11
17	00901	02	2 11	0					1	08 88	266	-62 6	307	0					9	15 51	090	047	15
18	8087-	76	2 22	0					2	07 81	319	-59 5	296	2	14 93	100	-72 3	388	9	12 30	155	006	15
19	00900	02	2 17	0					2	07 49	335	-61 2	290	2	14 86	100	-73 4	385	9	06 36	402	188	16
20	00900	02	2 10	0					2	07 68	331	-62 4	289	0					9	07 20	358	172	18
21	00900	02	2 11	0					2	08 13	311	-64 3	291	0					9	04 65	539	241	16
22	00900	02	7 04	0					2	08 05	320	-60 8	294	0					6	07 84	331	032	23
23	00900	44	7 30	0					2	08 99	275	-64 7	302	0					8	06 97	380	024	17
24	00900	02	7 13	0					1	08 83	280	-62 7	303	1	15 32	097	-70 6	394	9	25 29	019	234	31
25	00900	02	2 28	0					1	08 01	318	-62 2	293	1	14 18	117	-68 8	377	9	27 08	015	236	46
26	10940	76	7 45	0					1	08 48	290	-62 3	301	2	13 06	139	-64 1	367	1	26 60	017	247	48
27	00900	02	2 19	0					1	08 48	287	-61 2	303	0					1	26 28	017	226	49
28	00900	02	8 08	0					2	07 87	322	-59 2	296	0					1	26 05	019	231	44
29	854--	38	2 15	0					1	06 51	390	-54 5	286	0					9	24 20	024	236	43
30	854--	02	2 11	0					1	07 51	336	-56 6	296	1	08 80	274	-59 1	310	9	23 28	022	231	55
31	854--	38	7 21	0					1	07 94	319	-57 2	299	0					1	22 31	035	216	47
MEAN										08 43	298	-62 9	299		14 68	115	-71 2	386					

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19057	-78 2		191	05	21937	-82 1		340	04										
02	19018	-80 0		239	03	21890	-82 9		221	01	24138	-83 0		262	03					
03	18954	-80 1		250	05	21815	-82 5		249	03	24070	-83 5		281	08					
04	18967	-79 0		274	04	21851	-81 4		260	03	24100	-83 5		235	08					
05	18864	-81 7		262	05	21685	-85 3		227	09										
06	18816	-81 2		258	04	21658	-83 5		247	05	23872			280	07					
07	18771	-82 2		274	03	21592	-84 9		289	05										
08	18871	-81 8		246	02	21697														
09	18943	-80 7		248	04	21775	-84 6		261	04										
10	18961	-78 6		236	11	21833	-84 8		248	08										
11	18897	-80 3		228	15	21725	-87 4		225	14	23932	-86 6								
12	19011	-82 3		226	15	21823	-87 2		222	16	24040	-85 3		238	10					
13	19026	-83 0		195	12	21845														
14																				
15	18935	-80 0		149	09	21770	-84 5		139	06										
16	18848	-79 8		069	13	21706	-81 1		092	06	23976	-81 8		106	07					
17	18875	-80 3		022	10	21750	-80 4		017	08	24029	-81 8		022	06					
18	18902	-78 5		008	08	21795	-78 6		358	06	24093	-80 0		003	02					
19	18952	-79 5		101	03	21858	-79 5		359	02	24162	-77 2		177	10					
20	18948	-77 5		080	05	21869	-77 4		143	03	24213	-74 5		170	15					
21	19008	-76 9		109	09	21940	-76 9		130	11	24291	-72 4		150	13					
22	19101	-77 5		176	03	22051														
23	19242	-71 2		255	05	22288	-67 0		237	06	24807	-54 7		228	23					
24	19256	-69 8		025	01	22395	-57 1		212	07	25099	-34 7		233	32					
25																				
26	19197	-63 7		256	06	22431	-49 3		219	16	25214	-29 8		241	39					
27	19295	-60 7		233	09	22565	-47 5		233	18	25380	-25 1		231	37					
28	19377	-57 3		249	06	22710	-38 8		232	27	25619	-16 1		236	38					
29	19408	-54 1		236	12	22804	-36 1		236	40	25720	-20 1		239	44					
30	19638	-50 2		214	25	23175	-35 1		220	47	26035	-29 0		235	39					
31	19883	-36 1		202	41	23461	-34 9		219	34										
MN	19070	-73 9		*221	05	22058	-71 2		*223	09	24568	-61 1		*						

12 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Code	Tropopause (1) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Tropopause (2) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Max. Wind Level Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	2 21	0					1	07 70	330	-61 6	290	0					9	06 00	431	221	20
02	10820	22	2 19	0					1	08 75	280	-67 0	297	0					9	05 77	452	279	16
03	00900	02	7 20	0					2	07 73	329	-65 2	286	0					9	21 03	035	280	10
04	8082-	71	7 24	0					2	08 28	298	-60 0	302	2	13 72	123	-68 5	373	9	06 60	388	156	22
05	8092-	02	2 29	0					1	07 39	340	-62 4	287	2	13 47	127	-68 8	368	9	07 36	342	284	13
06	00900	02	7 11	0					1	08 67	277	-67 6	297	2	17 79	060	-79 7	432	9	25 10	016	263	11
07	00900	02	2 04	0					2	07 54	334	-65 4	284	0					9	13 45	126	208	12
08	00900	02	7 01	0					1	09 93	233	-72 8	303	0					9	08 60	291	214	35
09	00907	76	7 03	0					1	09 80	237	-70 9	304	0					9	07 49	349	201	18
10	20940	02	2 21	0					2	07 82	325	-63 2	289	2	12 51	151	-68 8	351	9	17 40	066	229	16
11	00900	02	2 03	0					2	07 20	357	-59 6	287	1	20 88	035	-87 6	480	9	10 63	205	204	22
12	00908	76	7 15	0					2	09 79	243	-67 8	308	0					9	08 12	316	198	54
13	855--	71	8 04	0					1	11 48	186	-73 7	322	1	12 94	145	-75 6	343	9	09 67	253	194	34
14	854--	71	1 26	0					1	09 70	243	-63 0	315	2	14 17	117	-73 6	368	8	08 70	286	074	29
15	9-0--	38	7 04	0					1	08 40	291	-61 0	302	2	17 20	068	-77 9	422	9	10 32	214	147	13
16	8092-	02	2 19	0					2	08 50	284	-63 1	301	2	15 86	084	-75 6	401	9	18 60	052	074	14
17	66500	71	2 26	0					1	08 82	268	-62 9	306	2	10 67	200	-63 6	332	9	09 42	244	359	22
18	00900	02	2 01	0					1	07 21	347	-59 3	289	1	15 48	091	-73 1	397	9	13 45	127	004	13
19	00900	02	2 10	0					1	07 74	325	-61 6	292	1	18 51	054	-80 0	445	9	06 25	412	174	20
20	00900	02	2 09	0					1	08 05	312	-65 0	290	0					1	25 80	015	169	16
21	00900	02	8 03	0					2	07 81	330	-63 7	288	0					9	23 85	022	148	15
22	00900	02	8 19	0					2	09 05	272	-64 5	303	0					9	06 47	412	028	32
23	876--	71	8 17	0					1	09 20	264	-65 8	303	0					1	26 22	016	228	35
24	856--	02	2 01	0					2	09 36	257	-63 0	310	0					1	27 09	015	234	44
25	00900	02	8 03	0					1	09 00	270	-65 5	302	1	14 43	111	-68 7	383	8	07 19	363	356	11
26	00900	02	6 02	0					1	08 10	305	-59 8	300	1	13 02	138	-65 3	366	9	26 80	016	259	56
27	00900	02	2 17	0					2	07 43	344	-58 6	291	0					9	25 98	018	235	45
28	874--	71	7 31	0					1	08 35	296	-58 6	304	0					9	25 55	020	235	38
29	855--	02	1 19	0					2	08 47	288	-59 2	305	1	10 80	199	-59 2	339	9	23 98	025	240	47
30	27400	10	8 43	0					2	07 20	357	-55 7	292	1	14 17	119	-62 2	388	9	23 30	029	219	49
31	854--	36	2 40	0					1	08 61	287	-60 0	305	0					9	20 37	047	201	42
MEAN										08 49	294	-63 5	299		14 72	114	-71 8	387					

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.
FEBRUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1021	-29	9	35	180	03	0156	-27	5	50	165	04	0540	-24	9	54	169	06	0920	-23	9	52	198	05
02	1028	-39	4		345	02	0197	-29	5	34	336	03	0570	-22	7	50	320	02	0964	-23	9	59	120	02
03	1036	-37	2	30	119	03	0252	-29	2	53	138	04	0630	-25	2	64	163	08	1015	-24	4	75	181	08
04	1028	-31	4	43	360	01	0205	-18	2	60	102	01	0600	-17	4	57	134	09	0993	-19	1	59	140	15
05	1008	-04	0	89	122	07	0070	-03	8	89	124	08	0460	-04	8	89	132	15	0898	-06	7	90	145	18
06	1017	-15	6	69	160	10	0136	-16	5	67	161	11	0320	-16	4	62	171	15	0927	-17	6	96	184	19
07	1036	-30	0	41	120	01	0265	-24	0	43	112	02	0640	-21	9	22	000	00	1040	-20	7	95	000	00
08	1036	-28	9	33	360	01	0260	-28	0	47	335	02	0640	-20	1	48	234	01	1037	-19	5	34	191	04
09	1016	-19	1	78	160	06	0127	-17	6	80	164	14	0511	-16	4	82	175	22	0918	-17	4	82	185	24
10	1030	-30	6	18	000	00	0223	-25	7	41	000	00	0600	-23	2	58	061	01	0993	-23	7	62	346	03
11	1014	-26	0	68	000	00	0106	-25	3	67	330	01	0490	-21	5	67	080	02	0879	-22	1	72	195	04
12	1021	-31	5	66	270	08	0194	-31	8	71	288	07	0520	-31	0	75	350	08	0901	-30	9	76	352	10
13	1018	-34	0	62	340	06	0130	-34	5	65	335	06	0500	-33	0	69	341	07	0869	-32	2	72	349	11
14	1021	-33	8	72	270	07	0153	-32	3	72	315	07	0525	-29	1	67	353	07	0903	-30	5	67	005	08
15	1018	-41	1		000	00	0128	-34	1	34	340	02	0500	-25	8	49	006	06	0885	-26	8	53	026	11
16	1013	-39	3		030	03	0095	-39	0		012	03	0460	-26	2	57	348	05	0845	-26	7	56	039	07
17	1015	-43	4		000	00	0107	-42	6		000	00	0480	-34	5	40	314	01	0842	-27	8	62	220	01
18	1018	-45	8		000	00	0127	-43	1		307	01	0490	-32	9	43	330	03	0866	-27	3	58	354	04
19	1023	-46	0		000	00	0162	-40	3		356	02	0530	-27	6	42	003	03	0912	-26	2	55	360	05
20	1028	-44	9		110	04	0196	-37	8	34	025	05	0560	-28	4	51	352	09	0950	-25	6	61	352	10
21	1038	-40	7		320	04	0267	-31	7	51	326	09	0640	-27	5	66	344	13	1027	-25	8	71	339	15
22	1038	-38	7		025	02	0267	-31	8	54	013	03	0650	-24	7	64	011	05	1034	-22	1	63	008	08
23	1032	-41	8		090	02	0226	-33	0	39	360	04	0605	-20	1	41	350	08	1003	-17	6	25	357	10
24	1017	-42	2		000	00	0124	-33	7	40	013	01	0500	-21	3	42	010	03	0899	-18	5	31	354	06
25	1002	-28	6	70	290	06	0024	-28	0	69	296	06	0400	-20	4	50	347	07	0799	-19	7	42	008	08
26	1003	-29	9	75	295	08	0025	-29	9	75	295	08	0400	-28	0	71	316	05	0784	-24	8	73	348	03
27	1008	-40	7		000	00	0058	-39	6	A22	317	01	0420	-33	4	44	330	03	0799	-28	5	59	343	04
28	1014	-42	2		360	02	0104	-40	0	A22	345	02	0470	-30	5	40	340	04	0848	-26	4	54	033	08
MN	1021	-34	2	57	*		155	-30	2	53	*		530	-24	6	57	*		920	-23	4	59	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1358	-23	7	41	213	07	1781	-24	8	33	203	11	2256	-26	8	33	210	11	2744	-28	9	32	209	12
02	1380	-24	7	67	146	04	1823	-24	4	70	162	06	2290	-26	8	56	167	06	2787	-29	8	50	163	06
03	1431	-24	6	76	194	08	1872	-26	5	71	189	10	2350	-28	5	65	196	06	2829	-30	5	59	210	04
04	1417	-20	6	68	164	19	1866	-22	0	71	171	20	2350	-19	0	73	179	20	2857	-18	9	58	186	19
05	1343	-08	2	91	161	24	1814	-09	6	91	165	24	2310	-12	6	88	167	26	2834	-15	8	84	167	35
06	1394	-18	8	50	185	24	1805	-20	3	47	180	27	2290	-22	5	62	175	31	2788	-22	5	71	170	37
07	1463	-20	2	A17	171	02	1913	-20	6	A18	205	06	2400	-21	4	A18	204	07	2897	-22	8	A18	204	10
08	1461	-19	9	55	213	06	1912	-20	0	69	215	10	2390	-21	2	76	219	15	2896	-24	1	77	213	19
09	1347	-16	4	81	197	23	1805	-16	7	74	200	26	2286	-18	2	75	197	25	2801	-16	9	79	207	26
10	1411	-24	0	63	342	06	1854	-24	0	52	306	05	2330	-24	0	41	298	12	2828	-24	3	29	298	16
11	1301	-20	6	77	208	05	1753	-19	4	78	215	07	2240	-21	4	80	216	07	2741	-20	4	80	241	10
12	1310	-28	0	73	350	10	1746	-29	4	72	359	11	2210	-32	5	70	358	12	2689	-33	6	68	335	15
13	1274	-31	4	72	352	09	1703	-33	2	73	359	10	2160	-33	8	72	010	15	2639	-34	7	70	010	13
14	1310	-30	0	66	026	12	1741	-32	0	67	036	16	2200	-31	8	66	039	17	2683	-33	4	60	034	18
15	1297	-28	8	61	034	16	1731	-28	0	55	042	15	2200	-28	2	43	045	14	2689	-30	0	32	054	13
16	1257	-28	8	55	071	07	1697	-26	2	65	089	06	2160	-28	3	68	072	07	2654	-31	0	69	079	07
17	1255	-27	0	71	127	01	1692	-28	6	75	046	02	2150	-30	4	73	050	07	2641	-32	6	60	059	07
18	1276	-28	8	69	003	05	1711	-27	6	68	359	07	2180	-29	1	55	005	09	2666	-31	2	38	008	08
19	1328	-25	3	35	359	07	1772	-24	0	A18	358	08	2250	-25	4	A18	345	07	2740	-27	5	A19	321	06
20	1364	-26	5	58	329	12	1802	-26	0	45	325	12	2270	-28	3	30	318	12	2759	-31	3	35	308	10
21	1441	-26	2	71	346	20	1881	-26	1	74	346	19	2360	-25	5	70	360	20	2846	-27	5	58	013	18
22	1455	-20	4	65	008	12	1903	-22	1	39	011	14	2380	-24	2	39	021	14	2876	-26	7	44	019	15
23	1430	-19	5	A17	005	16	1879	-22	4	36	008	17	2350	-25	0	46	011	18	2849	-28	2	46	012	19
24	1324	-20	0	33	352	09	1771	-22	8	44	355	10	2250	-25	6	55	354	12	2738	-28	7	59	350	09
25	1224	-20	4	37	024	11	1672	-23	1	38	027	13	2160	-24	0	33	024	13	2645	-26	0	31	029	15
26	1202	-22	9	67	347	01	1646	-23	5	66	356	09	2120	-23	0	63	009	13	2622	-25	0	59	010	14
27	1212	-26	6	68	002	04	1651	-25	0	70	003	09	2120	-26	8	67	005	11	2615	-28	2	29	007	10
28	1259	-29	0	59	044	12	1697	-25	3	63	041	09	2180	-26	9	64	043	07	2661	-28	0	61	044	09
MN	1338	-23	4	59	*	31	02	1782	-24	1	59	*		2257	-25	4	56	*		2751	-27	1	52	*	31	01

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1028	-37	2	30	000	00	0202	-31	4	41	110	01	0570	-27	4	55	173	03	0960	-25	1	50	172	05
02	1029	-39	4		100	02	0287	-31	4	51	135	01	0580	-26	6	60	155	03	0967	-25	0	65	185	03
03	1039	-36	1	47	250	02	0276	-25	8	57	035	02	0660	-22	6	62	131	06	1046	-24	0	58	159	12
04	1016	-18	4	92	270	05	0128	-12	6	86	-		0525	-10	8	86	-		0936	-11	7	88	-	
05	1010	-09	1	86	170	13	0087	-09	3	84	170	14	0480	-10	1	76	175	19	0899	-11	2	69	168	21
06	1031	-26	7	82	135	10	0224	-25	0	76	154	09	0600	-23	0	72	165	08	0994	-23	8	69	197	07
07	1037	-35	0	39	000	00	0264	-26	0	46	010	01	0650	-22	3	49	084	01	1039	-19	6	91	189	03
08	1032	-30	6	67	110	02	0229	-27	4	69	148	02	0615	-21	0	55	164	05	1003	-19	8	71	172	07
09	1016	-23	3	72	000	00	0125	-20	6	69	166	02	0500	-21	6	68	200	04	0901	-24	1	69	235	05
10	1027	-30	6	46	000	00	0200	-26	3	55	346	01	0590	-22	0	61	040	01	0975	-19	3	47	175	04
11	1013	-29	7	69	285	19	0101	-29	2	69	295	17	0470	-27	5	72	335	13	0859	-27	6	74	345	12
12	1020	-36	9	49	360	02	0142	-30	8	49	335	03	0500	-29	5	60	328	05	0893	-29	8	64	347	09
13	1019	-36	8	45	285	10	0135	-36	3	51	298	10	0500	-31	6	62	344	07	0876	-32	0	66	018	04
14	1021	-39	5		360	02	0155	-32	3	A20	355	03	0540	-26	7	36	003	07	0911	-27	6	39	027	10
15	1014	-38	3		110	02	0102	-36	3	36	088	03	0470	-26	9	55	007	08	0857	-26	4	58	038	09
16	1013	-40	9		315	01	0092	-39	5	A22	319	01	0460	-31	9	37	354	03	0837	-25	0	47	056	06
17	1015	-43	6		000	00	0110	-42	8		355	02	0470	-32	5	39	350	04	0851	-27	9	37	348	04
18	1023	-45	4		360	02	0158	-41	9		352	03	0520	-29	2	32	344	05	0903	-26	4	49	358	06
19	1024	-45	8		090	02	0169	-40	2		034	03	0590	-27	0	33	333	08	0927	-23	0	29	339	08
20	1033	-36	2	35	280	09	0293	-33	5	42	311	07	0610	-31	0	58	344	09	0979	-20	4	65	345	13
21	1039	-38	8		090	04	0277	-28	7	43	348	06	0650	-24	5	59	343	09	1045	-21	3	67	353	13
22	1036	-41	3		360	01	0250	-30	7	35	349	04	0630	-21	8	50	350	05	1023	-19	7	50	005	07
23	1027	-41	1		000	00	0193	-31	0	35	354	02	0570	-19	5	40	346	07	0970	-18	2	50	350	10
24	1008	-41	2		360	01	0061	-37	0	A22	360	01	0465	-20	0	42	360	03	0894	-20	9	38	002	05
25	1000	-26	0	34	290	08	0007	-26	0	34	290	08	0390	-22	3	43	323	08	0782	-21	1	39	336	07
26	1005	-37	0	44	325	01	0044	-36	9	45	326	01	0408	-33	4	56	337	02	0787	-28	2	66	338	03
27	1010	-43	7		000	00	0075	-40	1		330	01	0450	-35	1	35	002	09	0819	-27	8	51	030	08
28	1014	-42	4		310	01	0097	-42	0		316	01	0470	-31	3	40	001	03	0843	-27	4	56	043	07
MN	1021	-35	5	56	*		155	-31	1	49	*		551	-28	3	53	*		918	-23	7	56	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1376	-24	4	43	196	05	1818	-26	0	29	202	05	2298	-27	7	47	200	06	2778	-30	5	36	199	06
02	1382	-25	9	69	202	04	1821	-26	9	73	199	05	2290	-29	2	74	189	04	2774	-32	1	75	195	04
03	1463	-24	1	50	164	11	1906	-24	2	42	168	11	2370	-26	0	28	176	12	2873	-27	4	A19	187	16
04	1372	-12	6	91	-		1837	-11	6	92	168	22	2330	-12	6	93	179	30	2855	-15	4	90	177	26
05	1396	-13	7	74	160	23	1797	-13	2	83	160	28	2290	-16	5	82	162	34	2802	-18	5	64	175	43
06	1411	-25	0	65	245	11	1851	-26	2	63	250	13	2310	-27	6	58	227	13	2811	-29	3	33	218	19
07	1464	-19	6	A17	204	06	1915	-20	2	A17	208	09	2400	-19	4	51	212	13	2906	-21	4	62	216	16
08	1427	-18	3	78	190	07	1881	-18	3	53	213	09	2360	-19	9	30	215	12	2871	-21	9	A18	215	13
09	1318	-25	5	68	254	07	1761	-24	2	68	259	10	2230	-24	6	59	268	15	2793	-28	5	46	255	20
10	1401	-18	4	94	198	06	1854	-19	8	28	231	07	2345	-21	4	37	244	10	2838	-29	5	60	241	12
11	1272	-24	7	71	335	15	1714	-26	0	60	354	13	2200	-28	8	45	007	11	2669	-31	7	30	357	12
12	1300	-31	4	68	336	08	1729	-32	7	72	333	10	2170	-33	0	74	329	09	2666	-35	3	73	320	09
13	1278	-32	9	68	024	06	1707	-32	0	68	024	10	2180	-33	0	68	023	13	2645	-35	5	67	022	15
14	1323	-27	8	46	040	12	1758	-28	9	48	043	13	2230	-29	6	48	035	13	2709	-32	1	49	034	16
15	1269	-26	2	57	048	06	1709	-26	6	55	071	04	2190	-26	8	65	110	05	2669	-29	2	65	128	06
16	1251	-25	0	52	056	06	1692	-25	9	67	051	04	2160	-28	8	70	059	04	2647	-31	9	79	043	07
17	1261	-28	2	64	359	05	1696	-28	5	71	020	06	2170	-30	1	66	035	05	2646	-33	0	48	031	05
18	1317	-25	5	47	001	06	1757	-26	1	43	350	06	2230	-27	4	A19	351	06	2718	-29	5	A20	351	08
19	1344	-24	5	35	338	09	1785	-26	0	41	341	08	2260	-25	7	A19	332	08	2749	-28	4	A19	325	09
20	1388	-28	1	52	345	14	1822	-30	0	35	353	13	2280	-30	6	A20	334	16	2771	-30	5	A20	351	17
21	1467	-21	7	68	359	14	1913	-23	4	68	002	14	2390	-25	0	68	005	16	2883	-27	2	67	005	17
22	1448	-19	9	43	009	09	1897	-21	8	31	015	11	2365	-24	3	33	015	12	2870	-27	2	42	014	13
23	1397	-18	6	A17	360	10	1847	-21	6	A18	008	12	2310	-25	2	A18	006	13	2817	-28	4	38	360	13
24	1256	-20	5	35	001	09	1704	-22	6	36	357	11	2200	-24	8	37	001	11	2675	-27	7	37	007	10
25	1203	-21	4	37	009	05	1691	-23	1	34	022	06	2120	-24	8	30	014	11	2622	-26	0	A19	017	14
26	1200	-25	9	67	346	04	1688	-27	1	68	360	06	2100	-26	8	67	018	07	2600	-28	3	70	018	09
27	1223	-28	7	61	039	07	1658	-28	4	64	038	09	2130	-27	8	68	054	08	2616	-28	7	68	055	08
28	1255	-25	7	59	045	10	1694	-26	8	43	021	08	2180	-28	0	45	016	08	2654	-29	0	45	018	07
MN	1396	-23	7	55	357	03	1779	-24	6	53	*			2253	-25	9	51	*		2745	-28	0	50	319	01

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.

FEBRUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3833	-35	4	36	197	09	5081	-43	1		207	06	6556	-52	0		219	07	8375	-60	2		206	05
02	3868	-37	5	60	155	05	5102	-46	3		133	05	6552	-55	5		125	05	8360	-59	9		134	05
03	3904	-39	5	38	170	03	5128	-47	4		210	05	6584	-52	3		208	11	8411	-58	6		205	15
04	3989	-26	8	37	188	20	5295	-32	4	72	194	29	6830	-43	7		190	37	8721	-55	4		195	39
05	3988	-18	0	78	164	47	5329	-26	1	72	171	42	6920	-34	8	65	-		8857	-51	0		-	
06	3913	-25	9	67	174	38	5213	-33	5	68	175	50	6746	-43	5		-		8637	-51	0		-	
07	4020	-26	7	A19	205	22	5321	-32	0	A20	206	36	6862	-42	5		206	38	8748	-55	2		202	39
08	4006	-30	7	78	215	17	5282	-36	9	66	205	30	6803	-44	2		199	43	8701	-53	6		200	68
09	3946	-23	1	70	225	24	5255	-32	3	77	228	26	6796	-42	7		226	37	8684	-55	8		244	36
10	3943	-28	1	A19	286	21	5238	-33	6	A21	289	32	6770	-43	6		291	35	8658	-51	9		289	32
11	3874	-24	7	72	247	20	5182	-32	8	34	253	29	6727	-41	9		255	37	8628	-50	1		266	31
12	3762	-38	3	60	336	10	5001	-44	6		308	12	6481	-46	5		299	12	8399	-43	0		290	15
13	3700	-41	8		002	12	4918	-47	4		357	12	6393	-46	4		358	11	8313	-42	6		340	09
14	3755	-38	0	50	041	21	4991	-45	2		037	21	6457	-50	8		029	21	8335	-47	0		006	13
15	3777	-34	7	A21	056	09	5027	-42	0		046	09	6517	-49	4		076	06	8389	-49	9		000	00
16	3734	-37	0	70	068	10	4975	-43	8		064	11	6450	-50	9		061	07	8327	-49	6		209	02
17	3716	-37	8	A22	074	02	4954	-44	6		060	03	6432	-48	5		188	10	8327	-47	6		206	08
18	3748	-36	0	A21	350	07	5000	-41	4		282	05	6493	-47	0		234	20	8377	-52	0		229	19
19	3843	-32	2	A20	285	08	5106	-41	0		266	11	6594	-49	2		242	20	8451	-55	0		244	21
20	3841	-36	9	A22	303	09	5083	-44	6		285	14	6557	-51	3		238	18	8413	-53	0		259	19
21	3941	-34	1	39	356	24	5197	-42	2		359	23	6676	-50	5		360	25	8515	-59	6		354	19
22	3975	-33	0	41	010	14	5235	-41	0		007	15	6720	-50	8		013	15	8541	-61	9		359	16
23	3939	-34	2	51	360	21	5199	-41	0		352	18	6684	-50	6		350	21	8507	-62	0		342	23
24	3827	-35	6	55	359	08	5073	-43	6		345	11	6542	-53	3		335	17	8361	-61	3		332	18
25	3745	-33	6	30	028	14	5003	-42	4		029	11	6483	-51	1		035	11	8320	-58	2		023	11
26	3728	-31	1	67	011	17	4996	-40	5		011	17	6486	-49	8		355	12	8330	-58	1		019	10
27	3711	-32	7	43	008	10	4975	-41	0		001	11	6456	-51	2		007	13	8289	-57	8		014	12
28	3757	-32	6	34	043	08	5023	-39	7	A22	047	09	6514	-50	9		050	08	8343	-58	7		033	17
MN	3849	-32	7	45	*		5114	-40	1	50	* 247	04	6610	-48	0	65	* 263	07	8476	-54	3		* 260	09

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10924	-57	2		170	09	12737	-56	5		176	11	15324	-52	2		190	18	17670	-43	7		195	29
02	10914	-58	1		171	08	12729	-57	1		190	10	15307	-54	0		196	13	17650	-40	7		187	18
03	10961	-59	5		213	18	12769	-59	0		207	15	15305	-58	7		194	13	17577	-51	7		183	09
04	11223	-66	0		196	32	12976	-64	3		209	27	15462	-64	4		219	28	17669	-60	1		221	18
05	11370	-69	0		-		13113	-65	6		-		15595	-63	8		-		17795	-58	6		-	
06	11189	-62	5		-		12960	-62	2		-		15482	-57	6		-		17724	-56	0		-	
07	11263	-63	4		204	38	13036	-63	9		209	38	15536	-62	0		212	19	17771	-58	7		228	18
08	11245	-60	7		204	36	13034	-61	1		232	21	15576	-57	2		245	21	17863	-51	1		321	17
09	11283	-54	1		355	11	13132	-52	0		315	12	15766	-52	3		345	24	18075	-51	8		346	22
10	11337	-45	4		281	19	13259	-45	4		291	25	15948	-46	7		310	13	18297	-46	6		314	20
11	11329	-42	5		286	16	13273	-43	0		294	15	15997	-46	0		314	14	18367	-46	7		309	11
12	11157	-41	6		270	13	13102	-40	3		288	14	15838	-46	9		288	11	18216	-47	4		287	10
13	11076	-40	6		291	09	13036	-43	4		282	11	15788	-41	5		282	13	18177	-45	9		282	12
14	11052	-41	8		300	07	13001	-42	0		309	08	15719	-46	6		292	09	18081	-48	0		256	09
15	11081	-42	9		266	05	13023	-43	8		289	08	15739	-47	8		312	06	18091	-49	0		298	07
16	11023	-44	2		242	08	12953	-43	9		281	06	15653	-48	7		300	07	17987	-50	9		306	04
17	11031	-44	5		215	08	12958	-43	7		218	04	15655	-48	7		245	06	18000	-50	2		292	08
18	11024	-48	7		243	14	12919	-46	8		255	11	15590	-49	1		268	11	17920	-50	9		275	07
19	11079	-49	6		252	12	12975	-47	9		253	12	15644	-48	8		277	12	17982	-51	4		285	10
20	11061	-48	9		261	17	12942	-47	8		277	16	15618	-49	0		283	18	17957	-51	4		269	07
21	11085	-53	1		314	19	12945	-52	6		318	18	15596	-50	8		296	20	17917	-53	1		302	20
22	11082	-54	6		326	18	12935	-51	7		315	21	15563	-51	9		312	23	17871	-52	0		313	26
23	11047	-55	0		323	21	12886	-56	0		313	20	15498	-53	0		311	23	17799	-53	2		310	29
24	10905	-56	7		308	17	12739	-55	8		304	19	15295	-59	6		301	32	17552	-58	9		295	35
25	10903	-56	1		359	09	12730	-56	1		351	10	15308	-55	0		344	19	17587	-53	6		340	29
26	10900	-54	9		354	13	12738	-55	5		355	13	15351	-51	0		350	18	17654	-52	8		338	24
27	10875	-54	0		355	11	12721	-53	5		344	11	15340	-51	7		334	16	17640	-53	5		330	19
28	10914	-55	8		030	12	12744	-56	4		020	10	15327	-54	9		005	14	17619	-53	6		360	18
MN	11083	-52	9		* 263	09	12942	-52	4		* 273	10	15565	-52	5		* 284	11	17875	-51	5		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3858	-37	3	59	196	06	5099	-45	2		214	08	6554	-55	0		194	06	8358	-61	5		130	05
02	3848	-39	5	39	216	04	5071	-48	9		125	01	6508	-55	1		164	04	8330	-59	0		194	08
03	3973	-31	8	55	197	19	5243	-37	8	60	203	28	6755	-44	0		216	37	8633	-57	4		217	51
04	4007	-21	8	82	180	23	5320	-32	6	71	185	29	6858	-41	7		189	29	8755	-54	5		205	38
05	3952	-20	3	45	178	48	5285	-28	3	56	178	49	6855	-36	3	65			8789	-50	2			
06	3911	-29	8	39	216	32	5194	-35	2	A21	210	44	6724	-42	8		205	48	8604	-57	0		-	
07	4025	-29	2	73	208	20	5319	-33	3	74	201	34	6854	-43	8		202	44	8727	-57	1		201	53
08	3999	-25	0	48	239	15	5299	-34	4	62	239	24	6819	-46	6		243	23	8669	-58	4		240	28
09	3851	-29	0	A19	245	21	5135	-35	6	A21	243	30	6672	-41	1		247	27	8614	-41	8		256	24
10	3964	-25	6	75	253	17	5263	-34	4	76	260	21	6783	-46	0		265	35	8661	-53	2		288	36
11	3748	-35	0	A21	327	10	5003	-41	0		287	15	6517											
12	3731	-39	5		310	10	4962	-44	9		308	13	6442	-49	1		294	13	8369	-39	9		288	12
13	3705	-41	0		023	19	4930	-46	5		019	17	6404	-48	5		030	12	8311	-45	1		349	06
14	3785	-36	4	38	036	20	5031	-43	2		038	19	6509	-50	5		046	18	8382	-48	6		033	07
15	3757	-35	0	64	140	07	5011	-41	0		129	05	6501	-49	9		119	05	8368	-49	3		192	03
16	3723	-37	5	46	054	06	4962	-44	3		057	07	6439	-48	6		098	05	8340	-46	5		186	04
17	3720	-37	5	A22	069	03	4963	-42	6		212	04	6457	-46	2		200	27	8349	-49	7		206	18
18	3808	-33	5	A21	329	09	5072	-40	1		299	11	6568	-48	3		261	14	8433	-53	5		246	19
19	3841	-34	2	A21	307	11	5103	-40	6		272	11	6588	-50	8		275	12	8431	-55	4		254	18
20	3856	-35	5	A21	341	17	5106	-42	9		330	13	6577	-52	8		327	14	8429	-54	4		312	19
21	3979	-34	1	56	354	17	5230	-43	2		352	18	6700	-51	8		355	18	8528	-61	0		348	11
22	3966	-33	3	41	005	15	5228	-40	2		350	12	6712	-51	2		352	18	8540	-61	2		344	16
23	3908	-34	6	53	359	12	5161	-42	5		329	14	6635	-52	5		333	14	8441	-63	0		323	13
24	3768	-34	7	39	012	08	5019	-42	6		360	08	6495	-51	7		343	09	8326	-58	6		334	10
25	3723	-32	5	A20	025	18	4988	-39	2	A22	026	18	6483	-49	5		030	22	8331	-56	5		028	16
26	3695	-33	1	70	016	13	4955	-41	2		011	12	6437	-51	3		003	11	8269	-58	1		002	10
27	3709	-33	7	65	043	11	4968	-41	0		027	13	6451	-51	3		026	17	8295	-57	2		027	11
28	3747	-34	0	32	031	09	5005	-41	5		028	12	6488	-49	5		035	15	8334	-55	0		014	17
MN	3841	-33	0	45	*		5104	-40	2	51	* 252	05	6599	-48	4	65	* 252	06	8467	-54	2		* 256	09

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10890	-58	3		180	07	12700	-58	2		178	10	15284	-52	3		180	15	17635	-39	9		195	27
02	10883	-57	7		185	09	12695	-58	5		197	10	15254	-55	0		198	11	17558	-46	8		185	15
03	11124	-63	8		225	47	12894	-64	5		222	27	15378	-63	1		215	28	17600	-57	3		230	10
04	11248	-66	1		201	32	13004	-65	2		205	27	15481	-65	0		210	27	17686	-60	3		199	43
05	11329	-68	4				13079	-66	5				15538											
06	11145	-60	7		-		12946	-61	9		-		15440	-65	1		-		17670	-56	5		-	
07	11246	-62	6		202	42	13015	-63	1		218	30	15523	-60	8		244	19	17776	-54	4		234	16
08	11216	-59	0		242	21	13021	-58	4		261	12	15593	-54	8		320	20	17891	-51	5		335	29
09	11322	-49	6		272	16	13235	-47	1		301	14	15909	-47	5		330	13	18257	-50	0		332	18
10	11318	-46	5		292	20	13232	-46	1		297	18	15924	-47	0		320	14	18276	-50	1		315	11
11																								
12	11144	-39	0		276	09	13106	-40	0		286	13	15860	-43	6		296	09	18245	-47	0		287	11
13	11064	-40	3		303	09	13034	-40	7		257	09	15768	-43	7		290	11	18148	-45	5		270	13
14	11076	-43	0		285	05	13025	-42	1		285	06	15745	-46	1		281	09	18105	-47	9		263	09
15	11070	-42	5		278	04	13013	-42	2		310	07	15726	-47	0		311	05	18075	-49	1		314	05
16	11052	-42	9		213	04	12992	-43	1		253	04	15701	-48	4		260	04	18045	-49	4		306	08
17	11023	-46	5		239	11	12935	-45	9		249	08	15626	-48	5		274	10	17957	-51	1		270	07
18	11066	-50	2		250	15	12961	-49	1		255	14	15636	-50	1		259	10	17965	-49	3		256	08
19	11060	-51	0		256	18	12951	-47	0		261	15	15627	-48	0		260	12	17960	-52	4		272	10
20	11058	-51	3		275	19	12942	-51	0		273	16	15610	-47	0		296	19	17952	-50	1		294	15
21	11099	-52	8		314	18	12956	-51	8		323	16	15589	-52	9		304	23	17898	-52	3		302	27
22	11086	-55	2		319	18	12935	-52	6		318	21	15560	-52	1		313	21	17862	-53	7		308	25
23	10987	-56	3		321	18	12818	-54	4		313	27	15411	-56	1		310	30	17671	-58	0		301	35
24	10896	-55	0		321	10	12719	-57	7		306	14	15274	-58	5		309	20	17519	-57	6		307	25
25	10897	-55	8		011	10	12733	-54	9		355	14	15339	-51	5		343	22	17638	-53	4		350	23
26	10848	-53	9		355	12	12687	-54	5		348	16	15292	-53	4		345	18						
27	10877	-55	0		025	10	12714	-54	2		019	12	15314	-53	7		011	11	17612	-53	3		348	13
28	10933	-53	7		030	12	12773	-56	1		029	12	15355	-54	9		015	14	17630	-54	8		003	18
MN	11072	-53	2		* 259	09	12930	-52	8		* 277	09	15547	-52	5		* 289	11	17864	-51	7		*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.
FEBRUARY 1963
STATION INSTRUMENTATION
USW8 type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20002	-33	9	203	41	23590	-31	7	222	31	26427	-35	0	239	25					
02	19992	-33	8	195	19	23578	-30	9	194	15										
03	19811	-40	2	203	09	23341	-36	2	156	04	26176	-34	1	110	02					
04	19811	-53	9	220	18	23274	-40	2	273	09	26033	-38	5	277	06					
05	19955	-47	0	-		23389	-40	9	001	10	26133	-39	5	015	12					
06	19930	-50	1	-		23354	-43	5	248	12	26109	-41	4							
07	19959	-44	9	298	13	23401	-40	7	320	18										
08	20073	-47	1	354	25	23455	-46	3	325	30	26164	-45	1	331	24					
09	20262	-50	6	346	24	23602	-50	2	343	19	26234	-52	6	332	22					
10	20520	-50	0	330	10	23875	-51	0	321	22										
11	20588	-48	8	324	05	23926	-50	1	319	10										
12	20449	-47	4	296	08	23784	-50	5	314	09	26409	-55	0	344	08					
13	20405	-47	5	305	12	23758	-51	5	316	06	26386	-53	0	320	05					
14	20288	-48	9	291	10	23613														
15	20297	-49	0	276	09	23627	-51	0	279	09	26255	-54	2							
16	20170	-52	8	315	09	23462	-52	3	295	05	26057	-56	8	325	07					
17	20184	-53	0	295	08	23472	-54	0	271	12	26069	-56	8	297	11					
18	20099	-53	1	262	07	23357	-57	5	260	04	25927	-58	0	322	06					
19	20163	-53	5	290	08	23437	-56	4	305	06	25997	-58	5	311	04					
20	20126	-54	2	280	10	23379	-55	4	309	11										
21	20086	-53	8			23361	-55	5			25928	-55	3							
22	20033	-54	1	300	28	23277	-57	1	312	21										
23	19953	-56	9	300	35	23187	-58	2	305	35										
24	19654	-56	7	300	39	22883	-59	8	296	41	25429	-61	4	302	28					
25	19737	-55	8	337	32	23002	-53	4	349	36										
26	19826	-53	4	339	16	23082	-57	5	336	26	25632	-61	4	321	20					
27	19809	-54	3	342	20	23056	-58	0	337	19	25596	-59	9	330	23					
28	19773	-55	8	345	13	23004	-59	2	341	14	25516	-62	9	351	13					
MN	20070	-50	0	*	299	12	23412	-50	0	*	306	13	26025	-51	5	*						

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA $P_0 C_L h_C C_M C_H$	ww	oppp	FREEZING LEVELS Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	TROPOPAUSE (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	TROPOPAUSE (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	MAX. WIND LEVEL Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	2 24	0					2	07 75	352	-59 5	293	0					9	19 79	052	201	42
02	20910	02	7 08	0					2	07 50	344	-59 7	289	0					9	18 47	062	198	24
03	00900	02	2 22	0					1	07 55	344	-57 8	292	0					9	10 82	204	211	18
04	80910	02	7 32	0					1	10 71	217	-66 3	319	0					9	07 52	361	188	42
05	854--	71	8 10	0					2	10 91	216	-68 6	317	1	20 80	044	-50 7	543	9	06 37	433	175	77
06	854--	38	0 00	0					2	10 65	217	-62 0	327	1	17 05	078	-61 6	498	9	04 77	532	177	57
07	60910	02	2 06	0					1	10 86	213	-64 5	324	0					9	06 56	418	206	46
08	45650	03	0 00	0					2	09 97	265	-60 4	318	0					9	08 50	310	200	69
09	854--	02	7 68	0					1	09 33	271	-60 4	309	1	12 03	178	-55 6	356	9	16 77	086	020	50
10	00900	02	2 05	0					1	08 96	314	-53 1	307	1	17 94	081	-51 2	455	9	07 77	344	293	37
11	856--	71	7 22	0					1	08 51	305	-51 1	312	0					9	07 15	376	289	44
12	9-0--	39	1 55	0					1	05 63	455	-47 8	282	1	11 76	183	-44 9	371	9	12 49	165	287	17
13	16400	01	8 04	0					2	04 71	516	-47 2	275	1	17 45	078	-46 5	469	9	02 30	735	012	16
14	00900	38	1 06	0					1	05 97	432	-50 9	283	0					9	03 90	588	041	22
15	00900	02	8 15	0					1	07 91	322	-53 1	304	0					9	01 30	850	034	16
16	25500	02	8 06	0					1	06 45	400	-50 9	289	0					1	29 78	011	291	12
17	10930	02	8 01	0					2	05 50	460	-47 2	282	0					9	27 00	017	328	17
18	00900	02	2 15	0					1	08 30	304	-52 1	311	0					9	07 31	353	230	26
19	00900	02	7 03	0					2	07 77	333	-54 1	300	2	19 92	057	-53 4	498	9	07 70	338	244	24
20	50910	02	2 09	0					2	06 56	400	-51 3	288	2	18 93	066	-52 8	479	9	12 51	160	277	22
21	45500	10	2 07	0					1	08 85	284	-61 2	304	1	24 27	026	-59 5	607	8	06 25	427	001	28
22	10940	02	2 01	0					1	08 87	284	-62 8	302	1	21 19	042	-57 2	534	9	21 12	042	314	32
23	10940	02	7 06	0					1	09 08	273	-64 4	303	0					1	24 40	025	303	40
24	00901	02	7 25	0					1	08 32	301	-61 4	298	0					9	23 22	028	296	43
25	00900	02	7 09	0					1	08 21	305	-58 9	301	6	24 17	025	-57 2	619	9	23 90	026	336	48
26	10970	38	2 08	0					1	08 78	279	-59 6	308	1	20 69	044	-57 7	525	9	21 30	040	341	31
27	10970	76	2 04	0					1	08 11	308	-58 3	301	0					9	19 44	053	335	24
28	00900	02	8 01	0					1	08 26	304	-59 1	301	0					9	16 04	090	004	22
MEAN										08 19	321	-57 3	301		18 69	075	-54 0	491					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19979	-32	6	203	28	23548	-36	4	214	21	26375	-36	8	223	17					
02	19854	-38	5	188	15	23384	-34	4	172	15	26218	-38	5							
03	19794	-45	6	222	15	23297	-38	9	264	06	26093	-35	4	029	02					
04	19810	-51	3	221	13	23229	-40	7	270	07	25981	-38	9	322	10					
05																				
06	19852	-45	5	245	16	23280	-44	7	301	18	26032	-40	8	256	18					
07	19973	-46	6	324	19	23373	-44	8	334	16	26093	-44	2							
08	20089	-48	6	345	30	23444	-51	7	340	27	26114	-47	1	341	25					
09	20468																			
10	20476	-50	3	353	06	23792	-50	2	340	07										
11																				
12	20480	-47	6	311	11	23842	-50	8	304	05										
13	20378	-48	5	290	09	23726	-48	1	295	07	26354	-53	8	240	05					
14	20323	-49	6	273	12	23666	-50	6	289	10										
15	20265	-50	1	310	05	23583	-51	3	279	06	26202	-54	0	306	06					
16	20234	-52	5	309	08	23535	-52	5	319	09	26133	-56	7							
17	20137	-52	1	293	04	23407														
18	20144	-52	8	305	07	23409														
19	20127	-52	8	284	06	23401	-57	0	292	05										
20	20132	-54	9	300	13	23400	-54	6	306	09	25975	-56	1	315	10					
21	20071	-52	5	297	18	23328	-57	5	310	20	25902	-56	7	298	21					
22	20035	-53	0	313	32	23297	-59	0	294	30	25860	-56	9	298	30	30129	-65	5	300	30
23	19795	-57	8	299	41	23031	-57	6	295	30	25571	-60	8	296	36					
24	19635	-60	4	307	29	22849	-58	3	306	34										
25	19821	-53	2	346	23	23082														
26																				
27	19766	-55	4	355	15	23000	-58	5	350	14	25549	-60	5	342	11					
28	19798	-53	2	359	16	23046	-58	4	012	09	25960	-62	7							
MN	20057	-50	2	*	297	11	23373	-50	3	*	301	11	26001	-50	0	*			30129	-65	5	*		

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA $P_0 C_L h_C C_M C_H$	ww	oppp	FREEZING LEVELS Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	TROPOPAUSE (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	TROPOPAUSE (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	MAX. WIND LEVEL Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	2 13	0					1	07 89	323	-61 8	292	1	26 05	021	-57 0	712	9	19 10	057	195	33
02	00900	02	2 08	0					1	06 02	432	-56 3	276	0					9	18 37	062	198	19
03	60910	02	8 20	0					1	10 26	230	-66 6	314	1	22 85	032	-39 2	626	9	09 65	294	219	53
04	8072-	71	7 20	0					2	10 12	240	-66 8	310	1	24 72	024	-44 2	665	9	17 55	072	197	49
05	857--	38	2 45	0					2	11 16	206	-68 4	321	6	12 94	153	-66 5	353	1	06 20	439	175	57
06	00900	02	2 26	0					1	09 59	256	-60 6	313	1	13 33	141	-63 5	367	9	07 38	363	209	65
07	40930	03	7 03	0					1	10 04	243	-63 2	315	0					9	09 50	265	201	59
08	30840	02	7 19	0					1	08 83	292	-59 0	305	0					9	19 15	058	334	32
09	16500	02	2 32	0					1	07 80	338	-44 3	312	1	11 90	201	-49 7	353	8	05 00	510	242	31
10	60940	02	7 29	0					1	08 39	313	-53 8	306	0					9	07 98	333	285	44
11	9-0--	39	2 05	0					4					0					3	05 60	459	277	21
12	50910	02	7 15	0					1	06 44	400	-49 1	291	1	16 65	089	-47 0	452	9	12 98	162	282	14
13	9-0--	39	2 03	0					2	05 02	493	-46 9	277	1	13 80	134	-43 9	407	9	03 72	599	025	19
14	00900	02	4 00	0					1	07 49	344	-52 7	299	0					9	05 55	463	038	22
15	00900	02	7 02	0					1	07 40	348	-53 2	298	0					9	22 20	037	298	19
16	00900	02	2 07	0					1	06 10	421	-49 0	287	2	15 19	108	-48 0	428	9	22 84	033	295	11
17	00901	02	2 05	0					1	07 59	337	-49 5	305	6	21 57	040	-56 2	543	9	06 45	400	199	28
18	30910	02	2 07	0					1	08 09	316	-54 7	304	2	15 76	098	-50 6	432	9	08 29	307	246	19
19	00900	02	3 13	0					1	07 95	324	-56 8	298	0					8	08 92	278	259	18
20	855--	38	2 22	0					1	06 80	387	-53 6	288	1	24 96	025	-58 5	616	9	11 10	199	274	20
21	00900	02	4 00	0					1	08 70	292	-61 6	300	1	21 91	041	-56 6	538	9	17 90	074	306	30
22	00900	02	7 09	0					1	08 81	286	-61 8	303	1	23 71	028	-61 0	590	9	18 50	063	308	36
23	20910	02	8 21	0					2	08 05	320	-62 9	291	0					9	20 02	048	301	50
24	00900	02	7 18	0					2	07 50	341	-57 3	294	0					9	22 12	034	306	38
25	855--	02	7 01	0					1	08 00	316	-56 7	301	0					1	21 65	037	353	33
26	20930	02	7 26	0					2	07 60	334	-57 8	294	0					1	15 53	097	347	24
27	00900	02	2 10	0					1	08 46	292	-57 7	307	0					9	16 33	086	353	20
28	00901	02	2 04	0					1	07 39	348	-56 0	294	6	24 69	023	-63 9	615	9	17 88	067	003	19
MEAN										08 06	325	-57 0	300		19 23	077	-52 4	513					

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.

MARCH 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1011	-44	3	070	02	0083	-42	6	050	02	0450	-29	0 37	015	05	0830	-25	8 46	031	10
02	1006	-45	1	095	04	0050	-45	0	100	04	0410	-33	6 42	145	05	0785	-29	2 55	134	06
03	1011	-46	8	090	02	0081	-43	7	065	02	0450	-31	0 31	358	03	0821	-30	2 47	068	04
04	1010	-43	1	000	00	0075	-41	3	000	00	0450	-36	5 30	141	02	0807	-32	7 45	160	03
05	1009	-45	7	000	00	0070	-42	9	000	00	0440	-34	2 30	018	01	0807	-29	4 48	060	01
06	1007	-45	1	000	00	0057	-43	7	349	01	0425	-31	1 A20	005	03	0798	-25	6 37	025	04
07	1011	-38	8	270	02	0085	-39	0 A22	287	02	0460	-31	8 39	030	03	0839	-21	0 60	102	04
08	1012	-39	8 24	060	02	0092	-32	7 29	083	03	0470	-22	1 52	164	09	0857	-23	4 65	170	11
09	1013	-37	1 44	090	01	0099	-32	7 45	110	03	0470	-28	0 61	161	08	0857	-24	9 67	176	12
10	1010	-26	4 77	150	05	0081	-26	6	150	06	0450	-25	9 63	159	10	0842	-27	5 65	165	17
11	1012	-30	0 48	150	05	0092	-30	6 50	154	07	0450	-33	0 59	168	11	0836	-30	4 57	173	09
12	1026	-40	7	110	01	0180	-38	0 37	125	01	0540	-32	6 47	175	01	0918	-32	6 47	195	02
13	1026	-47	7	000	00	0181	-37	0 31	337	02	0540	-31	0 40	348	06	0924	-30	4 48	003	06
14	1020	-45	5	360	01	0141	-38	8 35	348	01	0500	-29	6 45	335	02	0890	-27	1 42	345	03
15	1010	-34	4 51	090	03	0077	-34	6 53	060	02	0440	-28	7 62	303	02	0829	-24	6 69	324	01
16	1016	-33	0 38	130	08	0122	-33	8 42	140	07	0490	-31	7 53	165	08	0865	-32	2 63	173	07
17	1021	-32	4 40	135	02	0152	-31	0 50	142	06	0510	-32	0 59	153	13	0897	-30	1 67	160	15
18	1017	-36	5 45	130	02	0122	-33	8 48	140	05	0495	-32	5 55	159	11	0865	-30	6 61	164	11
19	1022	-37	2 30	090	04	0162	-31	9 35	132	05	0520	-29	4 50	156	05	0913	-28	8 56	169	07
20	1033	-44	2	360	01	0230	-33	0 38	013	01	0600	-30	1 49	072	01	0979	-30	2 55	134	02
21	1032	-40	3	090	02	0229	-29	0 44	065	02	0610	-24	9 48	023	02	0992	-25	7 50	066	02
22	1028	-42	2	300	01	0198	-30	6 39	317	02	0568	-25	6 47	048	02	0959	-25	4 50	091	02
23	1001	-28	9 69	320	21	0017	-28	8 69	323	20	0400	-22	7 62	340	11	0788	-21	5 54	343	11
24	0996	-35	3 48	340	02	-024					0340	-29	4 52	352	07	0727	-24	4 54	012	07
25	1005	-31	9 65	015	04	0039	-31	9 65	005	03	0400	-31	6 63	274	02	0785	-30	2 65	191	01
26	1006	-34	9 39	000	00	0052	-34	4 39	000	00	0415	-32	6 50	327	02	0795	-31	0 58	343	03
27	1007	-38	1	090	03	0054	-37	0 A22	091	03	0415	-33	0 42	120	02	0796	-30	0 53	148	04
28	1018	-41	2	120	02	0131	-36	7 A22	053	02	0500	-28	8 45	357	04	0883	-28	5 48	021	04
29	1016	-41	0	000	00	0115	-35	5 A21	351	01	0480	-30	5 43	042	02	0865	-25	8 40	090	01
30	1005	-38	7	000	00	0044	-37	7 A22	334	01	0415	-28	0 40	347	07	0800	-19	0 32	005	08
31	1005	-29	5 69	000	00	0039	-30	0 61	000	00	0415	-28	8 54	269	01	0795	-22	0 69	339	01
MN	1014	-38	4 49	*		101	-35	5 40	*		468	-30	0 47	*		850	-27	4 54	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1243	-28	4 49	025	11	1676	-29	2 58	033	12	2140	-28	6 64	035	12	2632	-29	6 68	029	13
02	1194	-28	8 57	108	05	1629	-28	4 59	113	05	2100	-28	6 52	084	10	2587	-27	0 A19	066	14
03	1227	-31	6 54	130	05	1656	-33	0 62	144	07	2115	-33	3 65	124	08	2594	-34	1 66	130	08
04	1209	-34	0 56	170	03	1633	-34	9 61	182	05	2100	-32	5 60	214	07	2572	-33	4 49	221	11
05	1218	-25	9 58	141	02	1659	-25	0 94	170	03	2140	-26	6 45	173	05	2623	-28	3 38	165	07
06	1214	-22	7 38	054	04	1660	-22	4 39	085	04	2140	-24	3 28	140	05	2636	-24	4 A18	168	12
07	1267	-16	2 74	125	03	1725	-15	7 79	146	03	2215	-19	0 73	183	04	2720	-20	9 69	181	08
08	1274	-24	6 64	175	12	1715	-26	7 66	176	12	2200	-27	3 68	160	11	2675	-29	6 68	142	08
09	1271	-27	0 68	173	11	1707	-29	6 69	166	11	2175	-31	7 72	177	12	2652	-31	6 67	183	12
10	1253	-27	5 66	179	16	1690	-28	8 69	182	15	2160	-28	7 63	195	16	2645			196	18
11	1242	-31	0 49	204	07	1672	-32	5 40	214	11	2130	-34	1 31	207	19	2607	-34	8 A21	204	26
12	1220	-33	9 46	314	04	1744	-35	2 44	295	05	2200	-37	7 38	257	08	2667	-37	8 36	243	12
13	1329	-31	4 49	020	03	1759	-31	6 42	042	02	2230	-33	6 30	244	01	2695	-36	1 A21	240	02
14	1302	-26	5 30	014	03	1739	-27	1 60	050	02	2200	-27	9 68	075	02	2697	-30	3 68	121	01
15	1244	-25	1 72	006	02	1685	-25	6 75	035	02	2150	-27	8 75	027	03	2643	-30	5 74	016	02
16	1271	-30	0 68	184	05	1703	-31	5 70	210	04	2160	-33	1 73	257	05	2641	-35	8 74	276	06
17	1306	-29	4 68	173	12	1739	-31	0 70	180	14	2200	-31	8 70	188	11	2680	-34	6 67	188	10
18	1272	-30	0 63	165	07	1704	-31	6 60	179	07	2160	-33	2 56	193	07	2641	-35	1 52	187	06
19	1322	-28	8 59	175	05	1756	-30	5 61	188	03	2220	-32	7 62	210	01	2696	-35	3 63	200	01
20	1385	-31	2 54	143	04	1814	-32	4 53	134	05	2270	-33	4 52	130	03	2750	-35	8 50	136	05
21	1404	-28	1 51	136	04	1839	-29	2 54	136	05	2300	-31	5 55	132	05	2784	-34	0 57	137	06
22	1372	-26	9 54	092	03	1808	-28	8 58	093	04	2267	-30	9 62	124	04	2755	-32	6 59	154	05
23	1209	-22	8 49	028	14	1653	-21	6 44	043	17	2140	-21	0 38	027	15	2637	-24	3 44	038	12
24	1141	-26	3 52	034	15	1578	-27	7 50	044	18	2040	-26	7 54	044	14	2540	-28	0 64	049	13
25	1193	-29	4 67	115	02	1626	-29	8 69	040	06	2090	-28	8 72	052	06	2584	-26	0 75	050	06
26	1202	-28	1 66	017	03	1640	-26	9 71	045	06	2110	-21	0 75	052	12	2620	-20	2 78	056	17
27	1202	-29	6 56	165	05	1638	-27	8 60	154	04	2100	-27	0 63	090	04	2605	-22	4 60	060	09
28	1292	-29	2 43	070	04	1727	-27	7 33	097	06	2210	-26	9 A19	103	08	2692	-25	6 A19	098	12
29	1279	-25	8 29	138	01	1718	-25	7 26	151	03	2195	-27	6 42	124	06	2678	-29	8 60	104	07
30	1226	-20	0 27	036	09	1677	-19	5 31	052	06	2175	-20	7 35	077	04	2664	-22	6 38	084	04
31	1217	-20	4 77	049	03	1667	-19	6 79	064	05	2155	-21	2 79	061	06	2653	-23	1 79	058	08
MN	1261	-27	4 55	*123	02	1698	-28	0 57	*		2167	-28	7 56	*		2654	-29	8 94	*136	03

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1003	-49	8	000	00	0024	-43	7	000	00	0380	-29	8 A20	353	03	0769	-27	5 45	011	05
02	1013	-46	5	125	01	0093	-40	0 A22	130	02	0450	-31	0 45	151	07	0835	-31	4 56	156	11
03	1007	-40	6	270	02	0055	-40	0 A22	269	01	0410	-32	5 A20	269	01	0795	-31	3 48	294	01
04	1010	-46	2	360	01	0074	-43	9	356	01	0440	-35	1 36	015	01	0805	-33	2 52	100	01
05	1009	-44	5	000	00	0064	-42	8	330	01	0430	-31	3 30	012	03	0805	-28	5 39	040	04
06	1008	-45	4	340	01	0061	-43	3	344	01	0430	-30	2 41	360	04	0807	-23	5 41	011	05
07	1012	-35	5 37	000	00	0090	-35	2 35	000	00	0460	-27	0 44	204	03	0851	-19	1 72	168	07
08	1012	-40	0	150	01	0089	-32	9 46	152	02	0470	-25	6 68	161	07	0848	-25	9 68	171	09
09	1012	-28	1 36	150	04	0092	-28	6 40	151	05	0470	-28	8 56	163	09	0846	-28	1 62	166	13
10	1006	-25	6 73	150	08	0048	-25	7 73	152	09	0415	-26	0 68	160	17	0810	-26	2 66	172	20
11	1020	-35	4 60	120	05	0143			130	05	0495			162	04	0883	-92	0 49	220	05
12	1028	-44	2	000	00	0193	-39	6 A22	000	00	0550	-33	2 33	035	01	0932	-31	2 38	314	01
13	1022	-46	3	000	00	0154	-38	6 A22	321	01	0520	-30	0 39	350	04	0902	-28	0 37	015	05
14	1014	-42	3	000	00	0104	-38	6 A22	337	01	0475	-28	4 49	341	05	0855	-25	7 38	357	04
15	1013	-31	2 59	110	04	0095	-31	4 60	126	05	0465	-29	8 61	180	05	0845	-28	1 68	209	05
16	1021	-34	9 39	125	02	0155	-33	4 41	148	06	0500	-33	9 53	171	09	0896	-30	8 63	173	07
17	1016	-36	6 45	090	03	0115	-33	6 41	112	05	0480	-29	3 49	150	08	0866	-29	4 57	150	09
18	1019	-41	7	110	02	0139	-32	1 30	127	03	0500	-29	7 50	151	07	0890	-29	1 58	154	08
19	1030	-42	2	000	00	0208	-32	9 33	159	03	0580	-31	3 50	165	04	0956	-29	0 59	189	04
20	1035	-41	1	000	00	0245	-31	4 31	017	01	0600	-26	2 48	089	02	1003	-27	9 54	134	05
21	1030	-41	0	000	00	0214	-33	0 39	012	01	0590	-26	2 45	078	01	0973	-26	4 50	083	01
22	1017	-43	4	090	04	0124	-35	0 A21	045	04	0500	-25	5 50	350	06	0888	-24	3 43	017	07
23	1002	-35	1 39	000	00	0022	-35	0 39	000	00	0390	-30	0 31	339	04	0774	-26	0 36	017	10
24	0998	-32	3 40	090	04	-007					0350	-32	1 51	201	01	0738	-30	0 62	195	03
25	1009	-37	2 30	270	02	0067	-35	3 30	285	02	0440	-33	0 42	350	04	0808	-31	8 58	001	03
26	1004	-37	2 30	360	01	0036	-37	1 32	360	01	0400	-35	7 46	024	02	0768	-33	9 61	084	04
27	1014	-42	2	000	00	0104	-37	5 A22	153	01	0460	-31	4 46	159	04	0850	-30	5 68	155	05
28	1020	-44	7	360	02	0140	-36	0 A21	005	01	0500	-31	4 43	035	01	0886	-30	1 51	060	02
29	1011	-43	9	000	00	0079	-41	3	331	01	0450	-29	0 42	360	02	0832	-23	5 46	043	03
30	1004	-37	1 44	360	02	0035	-36	0 43	360	02	0405	-24	8 46	010	03	0795	-21	4 41	028	04
31	1005	-39	5	000	00	0042	-37	4 A22	000	00	0410	-29	5 42	000	00	0793	-25	5 58	140	02
MN	1014	-39	5 44	*		100	-36	3 34	*		465	-29	9 45	*		849	-28	0 52	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1179	-29	4 48	046	07	1619	-23	7 43	074	06	2100	-25	5 40	085	08	2588	-26	9 32	080	10
02	1240	-31	1 58	158	12	1669	-32	9 59	157	10	2130	-33	0 61	146	08	2606	-34	4 60	124	07
03	1199	-32	2 58	135	01	1626	-34	1 61	093	03	2090	-35	7 64	107	04	2555	-36	8 67	128	05
04	1209	-28	7 60	189	03	1643	-29	0 64	210	05	2100	-29	4 68	222	06	2597	-29	1 50	210	08
05	1218	-25	2 48	088	03	1659	-25	1 55	142	02	2140	-26	6 55	155	04	2623	-28	5 52	155	07
06	1229	-19	7 29	054	04	1682	-18	3 36	120	04	2160	-20	3 57	154	08	2668	-25	1 67	152	08
07	1276	-18	6 78	166	06	1726	-21	8 80	135	08	2210	-22	5 79	136	06	2706	-24	1 78	140	07
08	1260	-28	1 70	177	11	1693	-30	5 72	173	12	2160	-31	8 73	173	11	2636	-33	8 70	174	10
09	1257	-27	9 68	172	12	1692	-29	4 70	173	12	2160	-31	3 71	185	15	2637	-33	3 72	190	14
10	1222	-27	3 66	179	22	1659	-27	8 67	175	20	2130	-30	0 71	190	21	2610	-31	6 73	189	25
11	1286	-33	4 46	221	07	1711	-34	4 42	218	09	2175	-34	0 36	215	14	2646	-35	0 A21	214	21
12	1336	-32	1 35	267	02	1764	-33	1 34	269	03	2235	-34	4 33	262	05	2697	-36	7 31	244	07
13	1312	-28	3 30	041	04	1749	-28	3 A19	085	02	2215	-28	9 A19	155	02	2704	-30	3 38	191	06
14	1270	-24	4 A18	022	04	1712	-24	9 34	046	04	2200	-26	5 63	059	05	2677	-29	0 46	066	05
15	1254	-29	8 70	245	05	1686	-30	8 73	295	05	2150	-30	8 74	322	05	2633	-32	8 74	317	05
16	1305	-27	8 66	159	03	1740	-29	9 66	150	02	2200	-32	3 66	176	02	2681	-34	8 65	222	04
17	1274	-29	0 63	152	08	1709	-29	7 64	161	06	2170	-31	6 64	163	06	2653	-33	7 64	166	07
18	1298	-29	4 62	160	07	1731	-30	6 60	161	06	2210	-32	0 58	164	06	2673	-34	5 58	159	05
19	1366	-28	4 58	191	05	1801	-29	4 59	197	02	2260	-31	8 55	239	02	2745	-34	6 55	260	02
20	1412	-29	3 59	155	06	1846	-30	0 62	156	06	2300	-32	1 62	150	06	2789	-34	4 61	134	07
21	1384	-28	9 56	094	02	1817	-30	3 61	113	03	2280	-32	5 62	125	05	2758	-35	1 62	134	07
22	1302	-26	6 42	028	08	1741	-26	5 46	043	09	2210	-26	5 45	065	08	2705	-28	2 43	090	07
23	1187	-27	0 42	044	12	1625	-27	1 47	054	11	2100	-27	9 53	055	08	2585	-26	8 56	066	10
24	1147	-28	6 68	092	05	1581	-29	6 72	071	07	2050	-24	9 74	058	12	2549	-23	9 77	056	12
25	1213	-31	0 65	014	05	1646	-29	5 67	027	07	2120	-28	9 72	037	05	2607	-25	0 71	060	09
26	1172	-31	2 66	136	04	1605	-27	7 66	137	05	2075	-23	1 67	082	08	2579	-19	8 53	060	13
27	1255	-32	5 53	139	05	1685	-29	7 52	126	07	2160	-29	4 38	113	09	2640	-27	2 31	099	10
28	1294	-27	5 47	090	03	1731	-27	7 37	108	05	2200	-27	1 29	116	07	2692	-28	3 A19	116	08
29	1249	-24	4 42	087	04	1691	-25	8 39	093	05	2160	-27	2 36	100	05	2652	-28	7 32	116	07
30	1219	-18	2 30	040	08	1673	-17	2 26	069	05	2150	-18	0 30	108	05	2669	-20	9 40	167	05
31	1208	-25	5 64	138	06	1646	-28	3 61	119	06	2110	-29	4 57	075	07	2598	-32	0 38	079	09
MN	1259	-27	8 54	*139	03	1695	-28	2 55	*		2165	-28	9 56	*		2650	-30	2 53	*140	05

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.

MARCH 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3722	-34	71	030	18	4978	-40		021	31	6466	-49		024	33	8324	-52		032	17
02	3690	-31	A20	071	16	4962	-38	A22	075	15	6467	-48		068	12	8320	-55		090	12
03	3659	-39		128	12	4893	-45		137	15	6383	-45		150	14	8290	-48		144	12
04	3650	-35	38	223	19	4903	-41		212	21	6392	-49		205	22	8267	-50		190	15
05	3719	-34	47	178	13	4976	-41		180	19	6473	-48		185	33	8324	-55		182	20
06	3745	-31	55	169	17	5012	-38	61	170	18	6513	-48		175	26	8365	-55		169	20
07	3842	-28	64	181	13	5120	-39	59	170	17	6615	-49		160	23	8456	-59		155	13
08	3761	-36	67	124	09	5002	-44		127	07	6473	-51		066	06	8331	-51		150	05
09	3734	-37	38	207	09	4974	-45		205	11	6446	-51		212	09	8296	-52		212	11
10	3725			204	23	4970	-43		212	34	6441	-51		210	41	8317	-49		204	32
11	3687	-35	A21	207	34	4938	-42		200	31	6428	-47		196	46	8302	-52		198	42
12	3723	-40		215	23	4947	-46		205	31	6406	-52		206	29	8263	-51		207	21
13	3760	-38	A22	212	13	4993	-45		200	16	6451	-54		198	14	8279	-55		194	11
14	3777	-37	62	172	05	5012	-45		169	10	6470	-54		180	14	8281	-59		180	13
15	3723	-36	72	082	02	4963	-45		083	06	6413	-56		082	09	8232	-56		128	11
16	3698	-42		304	06	4912	-49		311	08	6342	-58		319	10	8156	-55		237	02
17	3742	-41		198	07	4959	-49		186	09	6394	-57		188	10	8195	-58		170	07
18	3700	-42		180	08	4913	-49		181	08	6346	-58		180	08	8144	-59		170	11
19	3755	-41		919	01	4972	-49		302	02	6411	-56		310	04	8224	-58		178	04
20	3810	-41		172	05	5030	-48		188	05	6471	-56		210	12	8261	-61		211	10
21	3852	-38	59	145	06	5092	-44		145	09	6560	-52		155	10	8382	-61		170	11
22	3828	-38		157	08	5059	-46		163	10	6509	-55		167	12	8324	-57		179	12
23	3741	-33	65	077	14	5003	-40		*103*	*10*	6485	-52		*111*	*15*	*8308*	-57		*124*	*12*
24	3640	-32	A20	053	16	4901	-41		075	18	6383	-51		068	25	8236	-52		088	14
25	3697	-28	77	053	15	4985	-35		060	20	6507	-44		066	24	8379	-57		072	22
26	3752	-25	81	065	19	5049	-34		074	18	6570	-46		078	19	8430	-58		084	21
27	3732	-26	51	066	16	5034	-33		080	21	6557	-45		090	22	8421	-55		078	22
28	3797	-31	35	096	20	5069	-38		095	26	6567	-49		097	29	8418	-55		103	24
29	3762	-96	65	089	12	5007	-43		086	16	6481	-51		086	20	8357	-51		101	17
30	3777	-30	44	114	06	5055	-37		137	11	6566	-46		152	19	8429	-56		162	27
31	3772	-28	78	057	14	5057	-37		065	15	6561	-48		069	19	8408	-58		082	16
MN	3741	-35	52	*		4992	-42		147	07	6469	-51		149	09	8313	-55		152	10

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10950	-53		029	08	12799	-54		038	11	15381	-56		029	12	17664	-93		021	16
02	10939	-52		108	08	12797	-52		100	07	15417	-53		136	07	17703	-95		155	07
03	10967	-47		155	10	12859	-49		155	12	15526	-49		167	11	17646	-92		158	10
04	10937	-47		173	15	12837	-48		167	12	15508	-48		167	11	17836	-91		147	08
05	10991	-50		179	15	12843	-47		168	14	15515	-49		171	10	17846	-91		108	10
06	10977	-51		172	15	12858	-48		178	16	15520	-50		166	10	17837	-93		150	07
07	11061	-51		187	11	12947	-48		184	14	15592	-51		184	13	17893	-94		199	11
08	*11004*	-46		133	*05*	*12910*	-47		*178*	*09*	15580	-50		176	06	17885	-94		176	*10*
09	10958	-47		177	08	12862	-47		114	06	15531	-50		102	09	17854	-92		095	05
10	10981	-49		200	21	12867	-49		269	04	15506	-51		295	03	17828	-92		013	04
11	10956	-48		185	16	12831	-49		214	12	15471	-53		198	08	17777	-93		203	02
12	10919	-48		204	14	12800	-51		205	11	15429	-52		205	07	17728	-93		207	04
13	10892																			
14	10870	-52		195	09	12734	-51		198	07	15361	-52		205	06	17665	-93		235	05
15	10845	-51		173	09	12705	-53		184	09	15316	-53								
16	10769	-52		171	07	12622	-53		163	09	15223	-55		170	15	17484	-96		180	20
17	10785	-53		176	16	12629	-55		166	18	15205	-57		164	23	17452	-99		169	22
18	10711	-56		165	12	12536	-58		172	13	15087	-59		164	16	17316	-60		169	18
19	10808	-54		191	09	12639	-57		185	09	15185	-60		193	11	17412	-60		200	13
20	10808	-57		215	09	12612	-60		219	10	15126	-62		217	13	17332	-62		221	15
21	10939	-55		204	08	12760	-58		200	13	15297	-60		220	12	17513	-62		229	12
22	10917	-54		184	10	12749	-57		199	09	15301	-59		232	09	17528	-60		241	10
23	10911	-52		146	*05*	*12765*	-53		*202*	*07*	*15360*	-55		275	04	17623	-57		292	12
24	10873	-51		094	09	12736	-51		124	03	15354	-54		294	03	17634	-56		274	04
25	10968	-51		075	14	12831	-51		062	08	15456	-52		017	03	17750	-54		912	04
26	11013	-52		072	13	12873	-52		080	10	15484	-53		092	04	17767	-56		357	04
27	11033	-52		083	13	12891	-52		080	08	15495	-54		076	07	17774	-55		026	06
28	11050	-51		086	15	12919	-52		092	12	15534	-54		098	04	17812	-56		078	05
29	10985	-50		096	08	12865	-50		080	04	15495	-53		136	02	17776	-55		109	02
30	11040	-51		150	13	12910	-51		154	10	15536	-53		147	05	17818	-55		185	05
31	11028	-51		096	09	12903	-51		075	08	15532	-52		015	03	17828	-54		115	02
MN	10930	-51		157	07	12796	-52		166	06	15411	-54		174	05	17696	-95			

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3690	-31	A20	073	11	4954	-40		080	14	6451	-47		118	13	8336	-50		092	12
02	3676	-36	52	095	07	4921	-43		065	15	6417	-46		056	16	8303	-51		085	11
03	3612	-40		159	07	4845	-41		165	10	6394	-43		174	13	8272	-46		164	12
04	3686	-35	44	197	12	4934	-42		198	16	6416	-50		193	24	8273	-52		185	19
05	3718	-35	A20	168	14	4981	-39	A22	174	20	6478	-48		174	26	8328	-58		181	25
06	3778	-28	A19	185	15	5063	-37	A22	177	25	6566	-48		181	27	8398	-60		173	25
07	3815	-31	75	118	09	5085	-39	70	110	10	6573	-50		107	09	8411	-58		127	12
08	3706	-40	40	166	05	4930	-47		213	04	6382	-52		183	03	8241	-50		187	07
09	3711	-37	70	195	17	4956	-43		194	22	6432	-51		197	28	8295	-51		196	16
10	3697	-34	70	196	30	4958	-39	47	196	33	6448	-51		196	43	8315	-50		208	21
11	3716	-37	A22	208	29	4957	-44		207	35	6427	-52		202	39	8295	-49		195	22
12	3756	-40	A22	219	16	4987	-45		212	23	6455	-52		210	20	8312	-52		210	12
13	3788	-36	53	190	10	5027	-45		185	11	6487	-54		190	11	8307	-56		176	12
14	3768	-34	55	124	06	5018	-44		137	08	6483	-53		155	12	8302	-58		161	13
15	3705	-38	71	347	06	4932	-48		009	06	6370	-56		351	09	8215	-52		118	05
16	3744	-40	6	209	06	4960	-49		228	08	6397	-56		249	07	8203	-57		211	05
17	3718	-40	5	165	10	4940	-48		178	06	6381	-56		172	09	8200	-57		179	12
18	3737	-40	5	150	05	4958	-48		148	07	6398	-57		157	06	8208	-59		167	08
19	3808	-40	8	260	02	5029	-48		262	06	6474	-56		260	12	8271	-60		240	12
20	3855	-39	3	60	141	06	5091	-44		171	08	6555	-54		184	09	8369	-61		185	10
21	3821	-39	4	62	146	09	5050	-46		134	13	6510	-53		129	15	8342	-58		149	13
22	3795	-35	1	58	127	08	5044	-43		131	11	6517	-51		147	13	8343	-58		165	15
23	3692	-31	8	58	065	16	4960	-39	3	A22	072	19	6455	-49	7	076	22	8304	-53	8	090	14
24	3664	-29	3	*78*	*058*	19	4943	-38	0	*75*	*068*	*18*	6451	-46	1	*080*	*26*	8326	-57	0	*097*	*28*
25	3724	-27	5	58	074	15	5015	-35	3	46	082	18	6530	-47	9	075	19	8377	-58	2	068	18
26	3709	-26	0	A19	079	19	5012	-33	6	34	081	23	6544	-44	4	083	22	8404	-59	5	092	34
27	3749	-29	0	44	087	17	5031	-36	9	44	085	21	6542	-46	8	083	25	8402	-58	0	084	27
28	3786	-33	8	A21	104	14	5043	-41	7		095	22	6523	-51	5	094	24	8356	-56	5	095	21
29	3744	-33	9	36	144	10	5004	-41	5		150	13	6484	-51	5	163	21	8339	-52	0	148	18
30	3793	-28	0	61	168	10	5076	-37	5	64	118	11	6576	-49	8	127	13	8416	-58	0	129	19
31	3677	-36	5	43	082	16	4926	-42	6		070	21	6406	-49	4	073	19	8278	-50	4	073	22
MN	3797	-35	1	47	*		4988	-42	4	45	144	08	6467	-51	1	* 151	10	8314	-55	4	140	11

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10973	-51		054	08	12841	-52		047	07	15450	-54		053	09	17729	-54		048	09
02	10948	-50		096	08	12824	-50		136	07	15467	-51		160	11	17778	-53		155	09
03	10963	-46		165	13	12869	-47		156	14	15548	-48		166	11	17880	-52		154	09
04	10916	-49		171	15	12813	-48		165	16	15480	-48		160	09	17812	-51		150	09
05	10942	-50		176	15	12829	-47		168	14	15492	-50		160	14	17815	-52		137	07
06	10994	-50		179	15	12872	-50		186	14	15514	-51		180	10	17814	-54		166	08
07	11048	-49		166	12	12939	-49		177	12	15582	-51		173	11	17884	-54		182	10
08	10907	-46		164	08	12810	-48		165	08	15471	-50		142	07	17776	-54		171	08
09	10957	-49		204	14	12847	-48		197	01	15501	-49		044	03	17836	-51		000	00
10	10962	-51		201	11	12839	-50		178	03	15464	-51		231	06	17777	-53		106	03
11	10967	-48		197	20	12854	-51		190	10	15492	-51		197	08	17793	-53		000	00
12	10962	-49		205	10	12848	-49		211	09	15496	-51		220	07	17811	-52		175	02
13	10924	-50		195	09	12800	-50		199	07	15437	-51		210	07	17751	-52		217	03
14	10895	-52		177	08	12759	-52		181	08	15385	-52		199	08	17692	-52		220	11
15	10849	-51		140	12	12710	-52		196	11	15320	-54		175	17	17610	-54		186	15
16	10811	-51		162	08	12671	-53		167	12	15276	-55		168	18	17539	-57		164	23
17	10800	-53		164	17	12641	-56		165	17	15216	-57		160	21	17461	-59		165	22
18	10779	-55		173	13	12606	-55		175	11	15162	-59		170	12	17387	-59		174	12
19	10849	-55		208	10	12678	-57		205	08	15221	-60		200	11	17447	-61		211	16
20	10908	-58		200	09	12717	-59		207	11	15250	-60		212	12	17465	-61		211	16
21	10912	-55		179	08	12734	-57		202	12	15274	-60		203	14	17494	-61		217	13
22	10996	-53		181	07	12779	-55		214	06	15357	-57		258	06	17605	-58		294	10
23	10927	-51		102	06	12793	-51		126	02	15424	-52		280	04	17718	-54		288	08
24	10926	-51		*080*	11	12793	-51		085	04	15417	-52		004	03	17712	-54		285	02
25	10968	-52		070	10	12826	-52		056	08	15435	-53		053	05	17720	-55		006	04
26	10978	-54		082	17	12828	-53		075	11	15421	-55		055	04	17693	-56		042	05
27	11021	-51		078	21	12879	-52		079	14	15485	-53		084	16	17764	-56		045	03
28	10970	-50		098	26	12834	-53		097	14	15435	-54		094	15	17707	-56		050	05
29	10981	-50		134	11	12859	-51		107	08	15482	-53		118	04	17764	-54		188	02
30	11004	-52		129	17	12860	-53		130	12	15470	-53		139	09	17750	-57		343	02
31	10955	-48		070	09	12836	-90		077	03	15474	-53		141	04	17757	-56		041	02
MN	10933	-51		* 149	08	12800	-52		* 155	07	15416	-53		* 168	06	17701	-55			

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.

MARCH 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Stc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19832	-53	6	014	09	23071	-59	0	028	08	25590	-64	6							
02	19858	-53	9	095	02	23115	-58	3	068	08										
03	20014	-53	9	145	11	23248	-57	3	143	07	25771	-63	4	149	08					
04	20007	-54	9	153	08	23232														
05	20008	-55	4	175	06	23243	-60	1	099	13	25753	-64	5							
06	20003	-55	0	148	04	23229	-60	0	155	05										
07	20049	-56	2	191	09	23273	-58	8	165	11	25783	-62	6	175	06					
08	20036	-55	9	170	07	23258	-59	7	176	08	25762	-64	2	186	09					
09	20014	-54	8	125	04	23245	-59	7	120	05	25762	-63	9	210	07					
10	19988	-55	9	211	03															
11	19925	-56	4	236	02	23146	-60	3	170	01	25666	-62	2	065	01					
12	19868	-57	0	922	03	23071	-61	3	005	06	25572	-64	0							
13																				
14	19838	-53	2	276	08															
15																				
16	19611	-57	7	175	22	22821	-59	1	190	21	25351	-61	9	186	24					
17	19558	-59	3	164	28	22755	-60	0	171	26	25266	-63	5	173	30					
18	19399	-62	6	165	18	22582	-59	5	172	24	25122	-59	8	172	14					
19	19516	-59	2	198	16	22732	-56	7	211	17										
20	19408	-62	1	226	14	22565	-60	5	226	16	25096	-61	0	231	16					
21	19586																			
22	19617	-61	8	242	12	22804	-59	5	246	13	25340	-59	5							
23	19743	-58	8	296	14	22931	-61	6	297	18	25432	-62	9	276	14					
24	19765	-58	0	260	06	22963	-60	2	281	08	25478	-63	6	266	08					
25	19893	-57	3	303	06	23096	-60	7	287	07	25598	-63	3	281	13					
26	19897	-58	0	355	06															
27	19916	-56	7	021	01															
28	19944	-57	8	018	03	23145	-59	8	037	03	25674	-60	9	050	03					
29	19907	-58	0	120	05	23115	-59	4												
30	19956	-57	1	248	03	23170	-59	0	331	08	25703	-62	0	191	04					
31	19970	-55	8	126	03	23191	-58	7	061	06	25717	-62	0	323	10					
MN	19832	-57	0	*	190	04	23042	-59	5	*	193	04	25949	-62	6	*				*		

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	Surface Synoptic Data $P_0 C_L h C_M C_H$	Surface Synoptic Data ww	Surface Synoptic Data $P_0 P_0 P_0$	Freezing Levels Lowest Code	Freezing Levels Lowest Alt. gpkm.	Freezing Levels Lowest Pres mb.	Freezing Levels Highest Alt. gpkm.	Freezing Levels Highest Pres mb.	Tropopause (1) Code	Tropopause (1) Alt. gpkm.	Tropopause (1) Pres mb.	Tropopause (1) Temp. °C	Tropopause (1) θ °A	Tropopause (2) Code	Tropopause (2) Alt. gpkm.	Tropopause (2) Pres mb.	Tropopause (2) Temp. °C	Tropopause (2) θ °A	Max. Wind Level Code	Max. Wind Level Alt. gpkm.	Max. Wind Level Pres mb.	Max. Wind Level Velocity deg.	Max. Wind Level Velocity mps.
01	00900	02	717	0					2	07 01	368	-53	0 293	0					9	06 95	371	020	36
02	00900	02	218	0					1	07 76	328	-55	6 299	0					9	05 35	629	070	17
03	16410	02	709	0					1	05 10	484	-46	3 279	2	24 64	024	-61	7 614	9	09 20	478	136	15
04	00900	02	211	0					1	07 42	342	-52	0 301	6	21 45	040	-58	4 538	9	04 45	555	214	22
05	00900	02	701	0					1	07 83	324	-57	6 298	2	21 45	040	-56	5 543	9	07 31	351	183	36
06	00905	09	702	0					1	07 65	335	-56	0 297	0					9	07 24	357	179	30
07	20817	02	108	0					2	08 37	304	-59	4 300	0					9	06 58	402	160	23
08	00907	02	807	0					2	06 81	380	-52	6 291	0					9	01 55	818	180	12
09	16470	01	801	0					1	07 41	344	-56	1 294	7	25 17	022	-63	8 623	9	02 29	737	178	12
10	856--	02	712	0					2	06 44	400	-51	6 288	0					9	06 67	385	209	42
11	5652-	02	203	0					1	07 91	318	-53	0 306	1	11 76	177	-53	0 361	9	08 06	424	198	48
12	00901	02	215	0					2	05 96	429	-51	9 282	0					9	05 59	458	205	34
13	00900	02	811	0					1	07 60	355	-57	6 294	0					5	04 56	534	196	17
14	00901	02	704	0					1	08 00	313	-61	2 295	0					9	07 63	334	188	18
15	863--	02	301	0					1	07 13	357	-58	3 288	0					7	14 30	117	179	19
16	863--	02	209	0					2	06 34	400	-58	8 279	0					1	26 35	017	189	28
17	46302	02	707	0					1	07 63	328	-61	6 291	1	12 38	156	-55	9 368	9	24 95	021	171	30
18	00900	02	212	0					1	06 99	363	-60	4 285	0					9	22 40	031	171	24
19	00901	02	212	0					2	06 41	400	-56	8 281	0					9	22 63	031	212	18
20	00904	02	210	0					1	07 60	334	-65	0 288	0					9	23 72	025	227	20
21	00907	02	706	0					1	08 48	296	-61	5 300	0					8	17 95	065	220	18
22	00901	02	711	0					1	07 30	352	-59	1 288	0					9	07 24	357	172	14
23	863--	38	751	0					1	08 15	308	-59	1 300	0					9	26 30	017	291	21
24	00901	02	726	0					2	06 72	378	-53	5 290	0					9	06 11	417	068	26
25	87400	71	213	0					1	08 88	276	-60	0 308	0					9	06 10	425	062	29
26	85700	22	708	0					1	08 76	284	-60	3 305	0					9	08 91	305	081	22
27	00901	02	218	0					1	08 55	293	-56	2 308	0					9	08 87	279	089	28
28	00900	02	202	0					1	07 80	330	-56	2 298	1	15 79	096	-56	3 424	9	07 51	345	696	33
29	00905	02	713	0					1	06 95	371	-53	8 292	0					9	06 20	418	088	21
30	10850	03	709	0					2	08 19	312	-56	9 302	6	26 04	019	-63	3 650	9	08 28	307	161	28
31	874--	71	701	0					1	08 11	314	-58	4 299	0					9	08 86	279	089	21
MEAN										07 46	345	-56	7 294		19 83	072	-58	6 515					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Stc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19905	-51	4	033	12	23184	-55	5	038	05	25734	-60	5	071	06					
02	19936	-54	0	155	07	23179	-58	5	148	06	25703	-62	0							
03	20049	-54	0	179	09	23271	-60	8	142	09	25771	-62	6	178	03					
04	19981	-54	6	133	11	23209	-60	2	150	07	25719	-63	5	147	06					
05	19986	-54	6	152	08	23216	-60	5	133	09	25739	-62	7							
06	19963	-54	5	166	09	23188	-59	1	162	08	25703	-63	0	158	07					
07	20034	-56	2	193	08	23242														
08	19928	-56	0	153	05	23142	-59	5	177	05	25657	-63	3							
09	19997	-56	1	047	04	23232	-57	5	132	07										
10	19927	-57	0	042	03	23154	-59	4	100	04										
11	19937	-55	8	342	02	23158	-60	2	035	02	25667	-63	5	348	05					
12	19982	-53	8	003	04	23219	-60	5	357	08										
13	19935	-51	7	291	04	23197	-58	0	320	13	25710	-63	4	321	15					
14	19874	-52	1	232	10	23132	-59	6	236	12	25642	-64	2	250	17					
15	19760	-56	2	200	19															
16	19666	-57	5	170	26	22889	-58	9	177	26	25425	-60	6	178	27					
17	19578	-59	7	159	24	22786	-59	0	165	26	25323	-59	4	170	20					
18	19488	-59	6	182	13	22696	-58	0	193	18	25251	-58	6	178	11					
19	19543	-60	0	209	14	22745	-58	2	213	18	25311	-57	8	229	18					
20	19546	-62	4	208	13	22708	-60	0	223	18	25242	-59	8	220	13					
21	19575	-61	8	245	18	22748	-60	8	239	13	25286	-57	6	244	14					
22	19712	-59	4	302	14	22909	-60	2	288	14	25435	-58	5	299	13					
23	19862	-56	7	275	08	23061	-60	5	276	11										
24	19854	-57	3	298	04	23055	-60	8	281	09	25566	-62	9	280	10					
25	19846	-58	4	075	04	23041	-62	5	293	09	25541	-63	8	307	05					
26	19812	-58	7	360	07	22990	-62	1	336	03	25484	-64	0	320	09					
27	19892	-57	3	321	03	23087	-60	0	056	02	25618	-59	5	231	04					
28	19831	-58	6	280	10	23021	-61	1	299	01	25531	-62	1	015	03					
29	19902	-57	8	000	00	23105	-60	0	351	03	25622	-62	0	304	03					
30	19873	-58	7	315	08	23075	-60	0	029	02	25600	-61	3	355	01					
31	19895	-56	2	003	03	23117	-59	5	356	04	25647	-62	3	309	05					
MN	19841	-56	7	*	203	04	23059	-59	7	*	200	04	25557	-61	6	*				*		

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	Surface Synoptic Data $P_0 C_L h C_M C_H$	Surface Synoptic Data ww	Surface Synoptic Data $P_0 P_0 P_0$	Freezing Levels Lowest Code	Freezing Levels Lowest Alt. gpkm.	Freezing Levels Lowest Pres mb.	Freezing Levels Highest Alt. gpkm.	Freezing Levels Highest Pres mb.	Tropopause (1) Code	Tropopause (1) Alt. gpkm.	Tropopause (1) Pres mb.	Tropopause (1) Temp. °C	Tropopause (1) θ °A	Tropopause (2) Code	Tropopause (2) Alt. gpkm.	Tropopause (2) Pres mb.	Tropopause (2) Temp. °C	Tropopause (2) θ °A	Max. Wind Level Code	Max. Wind Level Alt. gpkm.	Max. Wind Level Pres mb.	Max. Wind Level Velocity deg.	Max. Wind Level Velocity mps.
01	00900	02	806	0					1	07 72	329	-51	4 304	1	23 84	027	-59	0 600	9	06 86	376	123	16
02	00900	02	701	0					2	06 68	385	-48	5 295	0					9	06 70	384	057	18
03	8092-	02	201	0					1	07 47	339	-46	7 308	0					9	06 60	385	172	15
04	00900	02	701	0					1	07 75	327	-54	3 302	2	21 41	040	-57	9 540	9	06 83	376	195	24
05	00900	02	102	0					1	08 30	302	-58	5 303	0					9	07 70	331	184	31
06	35500	02	206	0					1	08 20	310	-62	0 295	1	24 83	023	-63	6 616	9	07 71	335	173	29
07	855--	71	202	0					2	07 90	326	-57	6 297	0					9	17 20	078	180	15
08	10940	02	204	0					2	05 76	440	-52	4 279	2	16 56	089	-53	6 444	9	01 85	784	170	12
09	8092-	02	701	0					1	06 91	370	-53	4 292	2	10 96	200	-49	7 354	9	06 77	379	193	32
10	855--	38	706	0					1	07 00	369	-54	0 292	1	13 98	138	-52	8 388	9	07 27	352	198	60
11	10930	03	218	0					1	06 43	400	-52	2 287	2	21 96	040	-58	2 539	9	06 40	402	202	39
12	00900	02	215	0					2	06 46	400	-52	0 287	0					9	05 43	466	212	24
13	00900	02	707	0					1	07 69	331	-59	0 293	2	24 60	024	-62	7 610	1	28 25	013	249	24
14	60870	02	717	0					1	07 69	332	-59	5 293	2	21 98	036	-57	3 558	9	25 41	021	247	18
15	874--	71	207	0					2	06 37	400	-56	1 282	0					1	20 58	044	184	23
16	865--	02	208	0					1	07 42	340	-60	5 289	0					1	26 99	016	167	32
17	00901	02	712	0					1	06 76	376	-58	3 284	0					9	21 10	039	159	29
18	10740	01	203	0					2	06 40	400	-57	1 281	1	13 61	128	-59	5 384	9	22 99	029	196	20
19	00901	02	210	0					2	07 69	330	-62	0 290	0					9	23 10	028	223	20
20	00906	03	701	0					1	08 78	280	-63	5 302	0					9	21 92	034	208	21
21	20915	03	705	0					1	08 34	300	-58	8 303	0					9	19 45	051	245	19
22	855--	03	738	0					1	07 81	326	-58	9 295	0					1	27 12	015	307	19
23	50940	01	206	0					1	07 38	347	-55	8 294	0					9	06 70	385	078	23
24	864--	44	222	0					1	08 76	280	-58	4 309	0					9	07 55	338	095	31
25	00901	02	206	0					2	07 93	322	-57	6 298	0					9	07 26	358	078	23
26	20915	02	702	0					2	08 29	306	-59	9 300	0					9	07 92	325	088	35
27	00900	02	222	0					1	08 50	295	-58	4 304	0					9	08 00	320	082	30
28	00900	02	201	0					1	07 75	330	-58	0 295	1	14 92	108	-55	9 410	9	11 27	192	097	27
29	00901	02	817	0					2	07 18	359	-53	8 294	0					9	06 48	400	161	21
30	8082-	02	202	0					2	08 00	321	-58	2 298	0					9	07 54	345	129	26
31	10871	02	804	0					1	07 42	342	-52	5 300	1	10 01	229	-49	3 341	9	05 52	458	072	26
MEAN										07 51	342	-56	4 295		18 12	090	-56	6 482					

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1006	-38	0	055	03	0047	-35	9	065	03	0420	-28	5	58	140	02	0801	-25	4	65	143	03
02	1008	-31	5	66	120	06	0064	-32	0	64	122	05	0435	-29	6	65	129	03	0815	-28	7	71	113	03
03	1018	-35	6	60	035	02	0133	-31	4	45	071	02	0500	-32	1	40	124	03	0875	-35	2	36	140	05
04	1006	-38	2		000	00	0050	-37	9	A22	000	00	0405	-33	8	33	149	01	0788	-34	0	38	184	01
05	1008	-34	4	51	000	00	0063	-34	7	51	199	01	0435	-30	5	55	170	04	0810	-30	3	61	152	08
06	1008	-29	8	41	315	03	0065	-30	1	50	330	03	0440	-26	0	62	151	03	0825	-26	1	68	151	08
07	1023	-32	8	73	170	14	0168	-34	1	75	171	14	0540	-35	2	78	180	12	0903	-35	7	77	192	09
08	1020	-24	8	61	180	10	0147	-26	0	61	192	10	0510	-29	0	62	213	08	0900	-32	1	63	233	08
09	1036	-26	5	62	130	03	0278	-27	8	65	141	08	0650	-29	5	68	167	09	1035	-20	2	71	197	10
10	1029	-14	8	86	160	11	0225	-14	5	83	162	12	0620	-15	8	81	165	12	1024	-09	1	72	202	09
11	1028	-16	7	66	180	03	0216	-15	9	60	182	04	0610	-14	6	61	187	05	1018	-10	3	56	224	07
12	1025	-14	2	63	180	05	0192	-14	5	63	171	07	0590	-09	5	45	168	06	1007	-05	4	29	170	07
13	1031	-13	8	83	330	05	0235	-15	0	73	336	07	0630	-13	0	68	346	06	1037	-13	7	68	319	03
14	1028	-20	4	69	000	00	0213	-11	2	64	358	02	0620	-06	0	40	073	02	1034	-05	5	A15	152	05
15	1021	-15	8	60	180	03	0168	-12	7	59	184	03	0560	-07	6	44	223	02	0983	-08	4	42	260	02
16	1026	-19	8	47	000	00	0199	-16	5	64	285	02	0590	-14	4	64	313	02	0998	-12	6	60	263	01
17	1027	-19	4	63	320	05	0204	-19	0	68	328	06	0600	-18	1	75	341	06	0992	-15	4	77	346	08
18	1030	-25	7	47	090	03	0223	-18	0	60	065	02	0620	-14	6	57	022	02	1019	-14	6	54	349	02
19	1033	-24	8	52	310	01	0245	-20	1	58	316	01	0690	-15	1	55	324	01	1040	-13	9	43	328	03
20	1028	-21	0	49	090	03	0208	-18	2	51	140	03	0610	-13	3	56	154	04	1009	-10	6	39	160	05
21	1020	-19	6	66	090	04	0155	-19	8	60	114	04	0540	-16	0	60	136	03	0948	-13	2	50	352	01
22	1014	-15	3	77	000	00	0114	-16	2	65	114	01	0495	-17	8	67	186	04	0905	-16	2	72	245	04
23	1016	-19	4	57	000	00	0139	-20	0	61	342	01	0510	-21	2	69	334	02	0918	-21	2	72	349	02
24	1020	-26	6	62	000	00	0151	-24	0	55	-		0525	-21	6	62	-		0927	-19	6	67	-	
25	1019	-25	9	54	000	00	0146	-25	0	59	000	00	0525	-21	0	67	302	01	0919	-21	0	71	315	03
26	1018	-25	9	63	090	03	0134	-24	0	36	115	03	0510	-21	8	49	157	03	0909	-20	4	55	195	01
27	1016	-26	1	49	000	00	0123	-25	5	52	152	01	0500	-23	4	61	120	01	0894	-23	1	72	068	01
28	1020	-24	4	62	000	00	0154	-25	7	57	275	01	0515	-23	9	60	355	02	0923	-22	7	69	029	03
29	1027	-20	6	79	290	09	0203	-20	6	78	313	06	0590	-18	0	70	030	07	0988	-20	2	68	035	07
30	1027	-17	0	70	285	10	0208	-16	8		331	06	0590	-15	4	40	359	05	1003	-17	3	39	014	08
MN	1021	-23	9	62	*		162	-22	8	59	*		544	-20	5	59	*		942	-19	3	58	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1214	-27	4	68	104	03	1649	-30	1	71	105	04	2110	-31	9	55	105	06	2591	-34	3	35	103	07
02	1222	-31	7	70	110	04	1649	-34	9	70	114	06	2100	-38	3	69	104	08	2567	-42	0		085	09
03	1271	-37	1	38	162	04	1689	-38	8	41	200	03	2140	-40	6		202	05	2598	-41	5		205	08
04	1187	-35	8	42	154	03	1610	-35	8	48	150	08	2065	-36	1	48	150	10	2538	-36	3	36	153	15
05	1215	-32	7	62	151	11	1640	-35	2	62	152	15	2090	-35	5	63	158	17	2566	-37	6	63	160	17
06	1236	-29	1	69	155	12	1668	-31	9	70	161	15	2135	-31	7	71	163	18	2612	-31	0	72	166	20
07	1299	-36	4	75	191	12	1721	-35	9	75	206	13	2175	-38	3	75	210	12	2640	-41	2		213	10
08	1301	-35	5	64	224	09	1721	-37	1	63	208	11	2190	-35	3	59	235	11	2646	-39	4	51	249	12
09	1459	-19	5	75	240	08	1911	-19	2	80	276	09	2380	-21	1	80	269	11	2896	-23	6	79	265	14
10	1466	-09	5	53	218	06	1932	-12	9	40	218	03	2420	-13	6	38	266	05	2946	-16	0	43	271	10
11	1458	-10	3	57	244	08	1924	-12	0	38	242	09	2400	-14	0	A16	291	13	2938	-15	7	A17	250	14
12	1454	-07	0	28	253	07	1926	-08	7	27	250	09	2440	-10	5	26	264	13	2953	-12	5	25	255	15
13	1471	-14	5	61	309	04	1930	-15	4	28	310	06	2410	-16	0	A17	310	12	2936	-16	6	A17	302	17
14	1486	-02	3	A14	162	06	1966	-05	0	A15	176	06	2460	-08	9	A15	186	05	3000	-13	0	A16	212	05
15	1425	-10	2	42	251	06	1692	-11	1	34	243	10	2390	-11	7	A16	243	13	2911	-15	1	A16	239	12
16	1434	-13	0	55	209	03	1895	-14	5	49	204	05	2380	-16	5	50	200	06	2898	-18	9	66	214	09
17	1425	-15	0	74	349	11	1881	-17	7	69	348	09	2370	-18	7	35	345	12	2876	-20	1	A17	342	15
18	1452	-15	0	43	344	05	1911	-15	9	26	339	07	2410	-18	0	39	338	09	2909	-20	3	53	332	11
19	1473	-14	9	42	323	05	1931	-16	8	49	326	09	2410	-18	4	45	321	10	2927	-20	0	35	320	11
20	1447	-12	6	57	180	02	1908	-15	0	75	304	03	2400	-17	0	75	294	06	2910	-19	2	75	310	10
21	1382	-14	2	46	305	03	1842	-15	8	64	305	06	2320	-17	7	68	302	09	2841	-19	9	55	296	09
22	1334	-17	6	74	233	04	1787	-20	1	75	231	05	2270	-21	0	75	239	07	2773	-22	2	74	236	11
23	1340	-21	1	75	320	01	1789	-21	0	79	220	03	2260	-23	2	74	232	04	2766	-26	1	68	280	04
24	1351	-20	0	64	-		1801				-		2280	-23	3	50	-		2778	-26	0	38	347	06
25	1341	-21	8	74	313	03	1787	-23	6	74	303	03	2260	-25	4	74	286	03	2755	-27	5	74	282	04
26	1331	-21	3	51	264	01	1779	-22	2	47	312	03	2260	-23	2	43	339	04	2755	-25	7	38	340	05
27	1315	-22	0	74	034	02	1761	-23	0	75	010	03	2240	-24	1	77	006	04	2795	-25	6	76	019	04
28	1342	-23	4	72	029	02	1787	-22	7	73	038	02	2260	-23	8	72	027	03	2762	-26	3	72	026	04
29	1409	-21	8	68	034	09	1857	-22	0	60	030	12	2340	-22	9	63	025	15	2855	-25	2	52	031	16
30	1431	-18	2	44	038	10	1884	-19	4	49	041	14	2360	-20	6	44	036	16	2872	-22	4	50	037	19
MN	1366	-20	4	58	211	01	1814	-21	9	56	*		2291	-23	2	53	*		2791	-25	4	49	263	03

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1006	-99	3		315	01	0050	-37	D	A22	335	01	0425	-28	5	44	110	04	0800	-29	2	50	125	09
02	1016	-30	4	32	115	06	0121	-31	0	34	124	07	0480	-33	1	38	146	08	0861	-35	5	44	158	09
03	1011	-37	8		270	01	0083	-37	2		280	01	0440	-34	2	47	005	02	0818	-35	6	45	088	03
04	1010	-44	3		090	03	0075	-39	1	A22	092	03	0440	-34	8	A21	101	03	0810	-34	1	30	136	05
05	1010	-37	3	44	040	01	0074	-34	6	40	050	01	0450	-30	0	50	150	04	0822	-32	1	57	155	08
06	1016	-29	3	62	110	07	0122	-25	5	61	127	07	0490	-26	6	67	158	11	0882	-28	5	72	157	14
07	1026	-32	4	73	160	10	0186	-33	3	73	160	13	0550	-35	3	72	172	15	0920	-36	8	72	180	17
08	1037	-34	9	29	100	02	0262	-29	3	43	295	02	0635	-30	1	42	280	02	1010	-32	7	43	280	03
09	1031	-16	9	80	120	09	0257	-17	7	78	144	11	0620	-17	0	79	155	09	1028	-16	1	80	195	06
10	1029	-16	3	79	125	11	0225	-16	0		145	11	0620	-13	6		170	09	1025	-11	4	62	209	06
11	1028	-20	3	73	000	00	0214	-15	3	63	155	03	0610	-09	7	44	153	06	1024	-07	5	39	190	05
12	1023	-10	9	68	140	08	0178	-09	8		138	05	0580	-06	1	47	268	04	0999	-08	9	54	276	09
13	1032	-23	5	87	000	00	0243	-15	0	70	029	02	0645	-09	4	50	057	03	1056	-07	2	25	080	04
14	1023	-27	4	66	000	00	0178	-13	9	62	146	03	0580	-08	5	46	167	08	0995	-05	2	A15	183	13
15	1026	-23	3	53	000	00	0195	-16	8	52	359	01	0590	-10	6	54	015	01	1001	-10	0	53	354	01
16	1027	-23	4	68	120	03	0200	-16	4	72	235	03	0590	-14	7	76	355	06	0996	-14	9	75	345	09
17	1029	-26	7	77	090	02	0216	-22	2	75	020	02	0610	-16	7	70	030	02	1004	-16	6	66	036	03
18	1032	-28	0	65	100	02	0238	-19	9	61	331	01	0625	-15	0	65	311	02	1032	-14	0	56	328	04
19	1033	-25	9	58	110	03	0243	-18	8	70	135	03	0630	-13	6	68	154	02	1042	-11	4	48	230	01
20	1022	-24	3	66	090	03	0171	-18	7	45	114	04	0560	-14	9	53	157	04	0966	-12	0	47	193	01
21	1017	-18	9	69	120	02	0135	-18	1	69	134	03	0515	-19	0	75	163	06	0922	-15	2	79	170	04
22	1016	-23	3	53	000	00	0126	-20	5	68	000	00	0510	-19	5	74	336	01	0909	-18	3	80	258	01
23	1019	-27	2	40	360	01	0141	-23	7	52	355	02	0521	-20	2	63	345	03	0921	-19	2	68	348	04
24	1020	-31	7	35	110	03	0149	-26	9	50	025	02	0520	-22	1	65	345	03	0924	-20	2	67	360	05
25	1019	-29	8	55	320	01	0143	-25	7	48	324	01	0520	-22	6	65	338	02	0913	-22	6	69	011	02
26	1016	-29	2	31	045	03	0121	-25	7	42	090	03	0500	-23	1	63	169	03	0892	-20	5	69	100	02
27	1019	-32	7	38	090	01	0140	-27	1	46	078	01	0510	-23	4	64	359	01	0909	-21	8	68	322	02
28	1024	-29	7	31	120	05	0175	-23	9	45	038	06	0550	-21	6	54	356	06	0950	-21	3	57	017	06
29	1028	-21	1	72	330	08	0213	-21	5	61	337	07	0600	-17	7	53	004	06	0999	-18	4	45	017	07
30	1025	-18	2	52			0192	-16	9	49			0580	-14	0	45			0989	-13	0	46		
MN	1022	-27	1	58	*		168	-23	3	55	*		550	-20	2	57	*		947	-19	7	56	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1206	-32	1	52	107	09	1632	-35	2	53	105	07	2090	-38	5	54	101	10	2549	-41	4		089	15
02	1256	-37	8	50	161	09	1672	-40	4		131	03	2110	-43	0		080	04	2572	-45	9		036	07
03	1214	-37	6	45	127	07	1631	-39	0	49	137	10	2080	-39	2	57	134	12	2546	-38	4	65	141	14
04	1212	-31	6	33	172	09	1640	-33	6	39	169	10	2100	-35	8	46	167	14	2568	-37	7	50	168	19
05	1223	-35	0	62	159	10	1645	-36	4	64	172	13	2100	-35	0	64	185	14	2574	-36	7	64	190	16
06	1289	-31	4	73	158	17	1717	-33	8	72	158	20	2190	-36	1	71	166	22	2644	-37	7	70	170	25
07	1316	-34	7	72	182	15	1743	-32	7	71	191	16	2200	-34	5	72	209	21	2677	-37	5	72	214	21
08	1411	-34	3	43	299	06	1838	-31	9	38	315	10	2300	-31	0	30	321	13	2785	-32	8	A20	320	18
09	1462	-12	1	79	248	08	1925	-14	4	78	268	08	2400	-16	6	77	264	10	2929	-18	8	76	280	15
10	1462	-11	5	44	255	05	1930	-08	8	A15	249	07	2425	-11	9	A16	207	04	2952	-15	2	A16	228	04
11	1467	-09	0	51	231	05	1935	-10	7	65	241	05	2425	-11	6	68	250	07	2957	-14	0	67	258	11
12	1440	-11	7	61	272	10	1904	-12	7	66	274	13	2400	-11	2	50	261	17	2927	-12	8	46	269	22
13	1501	-08	3	A15	080	05	1974	-06	3	A15	056	02	2480	-09	0	A15	303	02	3007	-13	0	A16	274	05
14	1443	-05	8	A15	186	16	1921	-04	8	A15	190	11	2435	-07	5	A15	197	11	2960	-10	3	A15	199	12
15	1440	-11	3	54	276	03	1905	-12	1	44	262	04	2400	-13	4	39	267	09	2921	-15	4	34	267	09
16	1429	-14	4	71	360	08	1888	-16	5	66	001	09	2365	-18	2	63	358	10	2884	-20	4	55	353	13
17	1433	-17	6	62	009	05	1888	-16	9	47	001	08	2370	-17	5	25	357	11	2887	-19	5	A17	353	12
18	1466	-13	9	35	329	07	1926	-16	3	60	327	08	2405	-18	1	59	328	09	2924	-20	1	34	326	11
19	1479	-13	2	53	311	03	1940	-15	2	53	310	06	2425	-17	0	44	316	08	2941	-18	9	33	314	08
20	1403	-12	8	52	258	01	1865	-15	1	48	281	04	2350	-15	6	45	301	08	2869	-19	2	43	310	10
21	1354	-15	3	81	193	05	1813	-15	8	84	192	08	2300	-17	0	85	199	10	2813	-19	7	84	208	10
22	1334	-19	9	81	235	03	1783	-21	2	82	235	05	2260	-22	8	70	284	05	2762	-25	5	53	245	07
23	1345	-20	1	72	001	04	1794	-21	1	76	357	03	2266	-22	9	65	354	03	2772	-26	1	57	352	03
24	1347	-20	6	56	355	06	1795	-22	3	48	341	04	2270	-24	0	46	314	02	2769	-25	8	57	313	03
25	1331	-24	0	71	356	03	1774	-25	2	73	331	03	2240	-27	5	72	339	03	2734	-30	0	71	033	02
26	1314	-21	5	71	328	01	1760	-22	8	73	288	02	2240	-24	0	76	315	04	2736	-25	3	78	329	06
27	1329	-22	5	68	334	02	1775	-22	3	60	356	04	2260	-24	0	43	013	06	2750	-26	0	33	009	07
28	1371	-22	3	56	039	08	1816	-23	4	55	032	08	2300	-24	5	54	028	11	2787	-27	0	53	026	13
29	1425	-20	2	42	035	10	1873	-21	4	38	039	12	2350	-22	4	33	033	16	2854	-24	0	32	034	16
30	1422	-16	0	52			1877	-18	0	55			2360	-18	5	52			2870	-21	3	46		
MN	1371	-20	6	56	178	01	1819	-21	5	55	*		2297	-22	9	52	*		2797	-25	2	48	266	03

A *Statistical Value for Relative Humidity.*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3660	-38	7	097	09	4896	-43	8	101	12	6378	-48	0	106	10	8287	-45	2	098	11
02	3598	-44	3	095	11	4820	-45	4	098	13	6316	-42	8	105	11	8256	-40	4	100	11
03	3637	-44	4	192	15	4849	-47	8	182	18	6330	-45	1	170	14	8271	-40	9	158	12
04	3601	-38	8	A22	198	4844	-42	7	157	31	6334	-46	9	156	29	8255	-43	8	156	17
05	3615	-43	7		194	4836	-46	5	155	29	6310	-48	0	157	25	8234	-43	7	162	12
06	3700	-34	2	79	168	4952	-44	3	165	28	6421	-51	5	166	30	8305	-46	9	175	18
07	3677	-44	7		208	4893	-46	1	206	22	6374	-48	2	202	32	8340	-42	2	197	05
08	3692	-41	3		237	4930	-41	3	239	18	6448	-39	7	255	18	8408	-40	4	259	20
09	4020	-25	7	77	280	5319	-34	4	62	283	26	6841	-45	9	296	30	8709	-36	0	295	35
10	4091	-22	4	63	268	5411	-29	8	46	275	15	6963	-41	2	279	19	8857	-35	5	293	23
11	4091	-20	4	27	255	5416	-29	7	30	258	22	6966	-42	0	245	23	8867	-33	4	249	23
12	4114	-19	6	A17	253	5445	-27	8	59	266	15	7010	-39	5	63	271	22	8917	-34	0	298	21
13	4089	-21	0	34	287	5419	-27	6	58	280	26	6999	-35	2	A21	276	27	8939	-31	0	275	32
14	4161	-18	1	A17	255	5501	-27	0	A19	251	09	7073	-38	0	35	257	14	8989	-33	0	263	20
15	4061	-21	0	A17	240	5391	-27	5	A19	240	25	6961	-38	3	A22	238	28	8882	-32	0	238	30
16	4030	-26	1	63	215	5330	-32	4	A20	216	24	6880	-38	2	A22	223	36	8804	-30	7	226	32
17	4006	-26	5	A19	338	5296	-35	5	32	335	21	6816	-45	2		333	15	8699	-33	9	325	16
18	4034	-27	5	57	329	5322	-36	9	58	323	19	6825	-49	0		319	25	8674	-34	5	328	28
19	4057	-25	6	34	319	5358	-33	7	43	321	18	6883	-46	0		326	21	8745	-38	7	322	24
20	4043	-25	5	68	304	5343	-33	5	57	311	17	6877	-43	3		308	27	8763	-35	5	309	31
21	3972	-26	6	46	297	5267	-34	7	A21	279	10	6792	-44	8		281	11	8670	-36	0	268	14
22	3892	-29	2	71	229	5171	-37	8	65	231	16	6678	-47	8		230	15	8539	-33	6	240	14
23	3865	-33	4	70	221	5122	-41	9		216	10	6598	-51	3		207	14	8467	-39	4	237	09
24	3880	-32	6	A20	343	5142	-41	1		350	11	6626	-50	4		347	13	8497	-39	5	332	07
25	3848	-34	5	70	244	5100	-42	4		222	09	6586	-48	2		240	08	8485	-47	0	294	06
26	3859	-32	4	A20	352	5123	-40	5		353	15	6615	-49	2		355	21	8488	-49	9	342	11
27	3838	-32	0	54	014	5105	-39	9	39	024	06	6597	-49	7		028	09	8484	-46	6	017	09
28	3864	-32	3	70	025	5129	-40	1		041	07	6624	-48	7		032	11	8509	-47	6	008	15
29	3940	-32	1	39	029	5202	-41	4		031	19	6684	-50	3		033	28	8561	-48	6	025	20
30	3991	-28	3	A19	040	5276	-36	7	A22	037	20	6792	-45	4		042	34	8672	-51	6	035	20
MN	3898	-30	8	44	*	5174	-37	7	41	*290	05	6687	-45	2	33	*263	07	8586	-49	7	*287	09

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10990	-46	3	115	09	12876	-50	0	104	07	15521	-52	1	149	04	17819	-53	5	350	03
02	10992	-45	2	117	12	12899	-49	8	130	07	15537	-52	5	114	03	17823	-56	5	093	04
03	11013	-45	0	148	10	12919	-48	8	152	08	15555	-53	0	044	06	17843	-56	1	115	01
04	10980	-45	8	153	11	12891	-48	0	109	08	15547	-50	7	161	03	17853	-55	3	163	02
05	10954	-46	7	180	06	12864	-47	0	127	09	15528	-50	7	075	04	17844	-54	1	198	04
06	11019	-43	3	166	08	12938	-47	1	191	08	15599	-50	9	170	04	17918	-53	2	098	02
07	11091	-45	0	209	11	13005	-48	5	215	09	15698	-51	9	229	05	17961	-53	9	295	01
08	11162	-44	0	269	14	13081	-47	5	268	10	15743	-49	0	283	12	18055	-52	8	319	05
09	11393	-50	6	293	18	13217	-50	0	298	18	15850	-53	0	325	13	18136	-55	7	018	09
10	11426	-53	3	291	16	13296	-50	3	295	08	15939	-52	4	334	06	18250	-53	6	095	06
11	11427	-52	0	263	10	13300	-51	1	298	08	15940	-49	9	308	07	18264	-52	1	358	04
12	11506	-50	3	318	18	13392	-51	0	332	12	16008	-53	9	324	03	18307	-53	0	351	06
13	11528	-51	8	266	16	13402	-51	9	248	10	16012	-54	1	236	06	18320	-52	7	048	03
14	11548	-56	6	250	14	13407	-51	8	251	13	16022	-53	8	293	06	18329	-53	0	071	02
15	11457	-53	9	240	21	13315	-52	8	247	11	15926	-53	2	010	02	18216	-54	3	155	02
16	11436	-51	0	258	13	13314	-51	3	262	18	15931	-53	1	060	06	18258	-52	9	091	02
17	11340	-49	0	288	13	13228	-50	0	279	08	15871	-52	0	330	04	18184	-52	6	110	03
18	11314	-47	5	316	13	13203	-50	1	307	16	15857	-50	6	303	09	18171	-52	8	303	01
19	11326	-51	6	320	21	13196	-51	3	318	14	15832	-51	9	316	07	18144	-53	5	320	09
20	11356	-51	0	317	18	13227	-51	1	313	10	15869	-50	9	304	04	18183	-53	0	063	02
21	11264	-50	2	280	08	13149	-48	4	256	08	15799	-51	4	250	10	18114	-52	1	260	05
22	11199	-48	5	240	12	13092	-49	1	231	08	15759	-49	5	210	09	18089	-50	6	213	05
23	11152	-46	0	235	06	13059	-48	0	250	05	15728	-48	7	235	06	18068	-51	0	091	09
24	11184	-47	0	292	05	13090	-47	3	288	03	15757	-49	1	319	05	18089	-51	2	204	02
25	11179	-46	5	285	04	13084	-47	4	265	03	15751	-50	0	350	05	18083	-50	3	269	04
26	11168	-46	3	333	06	13077	-47	0	305	03	15749	-48	5	360	03	18085	-50	3	009	03
27	11189	-45	0	350	06	13109	-45	7	336	06	15785	-48	8	330	04	18127	-49	0	343	03
28	11207	-45	6	010	11	13118	-47	5	001	07	15798	-47	5	345	05	18139	-49	8	320	04
29	11243	-45	5	021	09	13154	-47	4	012	06	15822	-48	5	012	05	18163	-49	6	335	01
30	11319	-46	5			13219	-49	0			15877	-50	8			18218	-50	6		
MN	11243	-48	2	*283	06	13137	-49	2	*276	05	15786	-51	0	*301	03	18102	-52	6	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3592	-43	0	086	18	4814	-45	0	096	21	6300	-46	5	095	17	8213	-44	1	097	14
02	3596	-45	7	094	05	4804	-47	1	122	08	6289	-43	8	123	08	8235	-41	3	106	08
03	3601	-40	7	155	23	4831	-45	0	156	29	6307	-48	6	157	26	8219	-44	0	181	12
04	3623	-40	5	166	25	4855	-44	4	163	25	6335	-48	3	161	39	8239	-46	1	154	16
05	3633	-40	4	189	25	4866	-44	5	198	30	6341	-50	5	195	36	8233	-46	4	190	23
06	3705	-39	9	67	169	4928	-46	8	175	31	6393	-49	9	175	31	8315	-43	0	200	16
07	3725	-43	6		217	4943	-47	3	219	27	6412	-45	8	217	35	8345	-46	0	224	16
08	3872	-32	3	A20	311	5145	-37	0	A22	313	45	6660	-45	1	311	53	8559	-47	9	300	30
09	4073	-22	0	73	276	5388	-31	5	67	277	22	6934	-41	7	282	21	8817	-38	0	290	24
10	4102	-21	8	A18	266	5428	-29	4	A19	275	21	6989	-40	0	A22	292	12	8882	-35	1	288	20
11	4117	-18	0	43	265	5452	-28	0	29	274	12	7012	-40	9		269	20	8904	-36	4	277	17
12	4087	-19	5	38	258	5425	-26	8	52	257	33	7012	-35	2	47	270	30	8946	-30	3	282	35
13	4166	-19	8	52	280	5501	-26	9	36	269	15	7079	-36	5	A22	267	19	9009	-31	3	261	21
14	4130	-18	4	34	214	5470	-25	7	A19	208	15	7051	-37	1	A22	224	18	8976	-32	3	228	21
15	4076	-20	1	A17	273	5404	-29	1	A19	267	20	6969	-38	1	A22	246	30	8888	-32	6	245	34
16	4011	-27	2	51	347	5301	-36	4	37	342	18	6820	-44	5		346	28	8722	-47	6	311	13
17	4014	-27	1	35	341	5305	-36	0	43	334	16	6817	-47	4		328	15	8684	-53	5	317	12
18	4052	-27	2	65	328	5343	-35	8	43	327	23	6858	-46	5		328	30	8721	-57	0	330	30
19	4076	-25	0	68	312	5381	-32	7	43	313	16	6919	-43	9		315	22	8801	-55	9	314	22
20	4005	-25	3	A18	314	5303	-34	8	A21	312	13	6828	-44	7		300	15	8701	-55	0	302	15
21	3943	-26	5	79	241	5235	-35	8	73	236	11	6749	-47	0		241	16	8607	-56	7	241	16
22	3865	-32	4	40	246	5128	-40	8		243	12	6613	-51	1		238	15	8466	-50	2	238	13
23	3870	-33	9	60	295	5122	-42	4		260	03	6605	-49	3		208	05	8487	-47	8	266	02
24	3871	-32	7	60	306	5131	-41	1		300	05	6616	-50	5		303	07	8491	-48	7	294	07
25	3818	-35	9	64	103	5068	-42	0		023	04	6560	-47	6		360	08	8466	-46	4	347	07
26	3838	-32	2	60	315	5102	-40	5		319	08	6592	-50	0		320	10	8471	-48	4	329	06
27	3850	-32	9	45	011	5112	-40	9		016	14	6598	-50	5		011	17	8457	-50	0	005	19
28	3885	-33	0	50	030	5148	-40	3		018	16	6636	-50	5		025	13	8498	-50	4	020	15
29	3967	-30	1	49	031	5240	-39	0	51	031	32	6739	-48	3		031	34	8597	-53	2	031	37
30	3994	-27	5	32		5288	-34	3	A21			6821	-42	5				8710	-54	3		
MN	3905	-30	5	47	*	5182	-37	6	37	*269	07	6695	-45	4	27	*267	07	8589	-50	3	*282	09

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10913	-47	7	107	08	12798	-51	5	114	07	15428	-53	5	151	02	17706	-56	9	167	01
02	10968	-46	4	106	08	12863	-49	6	123	04	15491	-53	9	200	01	17768	-56	5	094	03
03	10938	-45	5	132	11	12837	-50	7	114	06	15467	-54	0	180	03	17746	-55	1	147	02
04	10944	-46	8	157	11	12847	-47	9	130	09	15509	-50	3	143	04	17813	-54	6	114	05
05	10951	-44	3	174	13	12855	-47	9	164	09	15509	-50	5	145	05	17819	-53	4	097	04
06	11043	-44	4	174	07	12954	-48	0	206	10	15609	-50	1	167	06	17923	-53	1	043	02
07	11070	-44	3	227	13	12987	-50	1	236	09	15636	-52	8	220	08	17931	-55	1	308	03
08	11250	-46	5	295	23	13151	-49	0	290	20	15793	-52	3	307	15					
09	11408	-52	0	292	16	13289	-49	4	305	07	15938	-51	0	320	07	18250	-53	8	018	09
10	11448	-51	8	299	11	13317	-52	4	313	05	15961	-50	4	318	04	18284	-51	8	030	05
11	11494	-47	2	305	15	13392	-48	7	330	09	16042	-50	1	336	09	18367	-50	7	344	05
12	11564	-50	5	254	11	13443	-49	7	275	07	16064	-53	0	231	04	18377	-52	2	036	03
13	11586	-55	4	241	13	13457	-50	2	236	11	16087	-51	8	231	04	18405	-51	9	021	01
14	11545	-52	3	242	14	13405	-51	2	243	10	16030	-53	0	345	04	18338	-53	4	054	02
15	11476	-52	2	255	17	13347	-49	9	262	12	15979	-52	0	284	02	18284	-53	2	119	06
16	11399	-49	4	270	09	13288	-49	9	283	11	15934	-52	0	324	07	18243	-53	3	155	11
17	11319	-48	4	314	09	13209	-48	9	304	08	15865	-51	5	294	02	18178	-52	9	098	05
18	11324	-49	9	325	19	13210	-49	2	320	14	15863	-50	3	318	07	18182	-52	1	144	04
19	11394	-51	5	325	17	13272	-50	3	315	11	15921	-50	2	325	03	18241	-52	5	102	04
20	11308	-50	0	300	10	13191	-51	0	297	08	15841	-49	5	296	04	18168	-52	0	245	04
21	11247	-49	0	261	09	13139	-48	0	248	11	15810	-50	3	298	10	18144	-50	4	235	09
22	11142	-46	7	228	07	13039	-49	1	249	04	15704	-48	4	216	04	18039	-51	0	220	05
23	11182	-45	6	266	07	13090	-47	3	259	03	15763	-48	4	225	01	18098	-50	4	110	03
24	11172	-46	9	300	06	13076	-47	9	271	02	15738	-50	0	285	02	18060	-51	6	122	03
25	11162	-46	5	313	03	13065	-47	9	305	02	15728	-49	7	348	02	18059	-50	4	051	02
26	11164	-46	1	338	05	13075	-46	5	345	05	15747	-49	2	342	02	18081	-50	3	013	01
27	11133	-47	3	011	07	13031	-48	0	354	06	15694	-49	8	356	04	18022	-51	2	358	02
28	11182	-46	2	020	12	13086	-48	0	012	08	15754	-48	5	019	08	18088	-50	1	223	04
29	11253	-47	1	037	17	13150	-48	5	315	02	15803	-50	0	030	07	18131	-52	0	030	06
30	11913	-50	6			13195	-51	1			15847	-50	2			18169	-51	0		
MN	11243	-48	3	*282	05	13135	-49	3	*278	04	15785	-50	9	*296	02	18100	-52	5	*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USW8 type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	30 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	20 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	10 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	19963	-57	0	341	01	23180	-59	4	346	03	25706	-61	6	300	06					
02	19957	-57	7	086	01	23162	-60	2	357	05	25691	-59	6	345	06					
03	19972	-58	2	324	01	23169	-60	3	014	03	25693	-59	9	001	10					
04	19996	-57	3	116	02	23206	-59	2	065	04	25736	-61	6							
05	19992	-57	0	090	04	23209	-58	6	051	03	25738	-61	4	078	05					
06	20082	-55	1	048	03	23319	-56	8	107	05	25862	-59	6	035	05					
07	20115	-55	6	014	01	23355	-57	7	029	05	25900	-59	2	210	03					
08	20210	-56	8	333	06	23455	-57	5	029	06	26000	-60	3	235	08					
09	20283	-55	4	026	08	23513	-58	3	010	13	26069	-59	9	036	15					
10	20410	-54	6	033	11	23661	-57	7	039	12	26207	-58	8	037	19					
11	20429	-54	8	019	08	23667	-58	4	055	18										
12	20473	-55	0	020	07	23719	-58	9	046	13	26255	-61	9	046	25					
13	20485	-53	6	075	10	23726														
14	20487	-55	0	079	06	23730	-58	0	075	17										
15	20362	-56	4	069	07	23577	-59	2	067	15	26132	-57	0							
16	20416	-55	3	232	04	23654	-56	7			26229	-55	8							
17	20345	-55	7	088	07	23588	-56	0	088	12										
18	20333	-54	7	000	00	23588	-55	3	059	07	26203	-52	5	091	11					
19	20294	-56	8	116	06	23544	-55	2	073	05	26139	-54	0	077	05					
20	20340	-55	6	123	01	23610	-53	7	080	04	26218	-52	8	110	09					
21	20282	-53	8	026	04	23567	-53	3	121	02	26190	-51	8	119	08					
22	20275	-52	1	160	05	23587	-52	2	160	04	26233	-51	3							
23	20254	-51	0	198	10	23577	-51	0	114	06	26227	-49	3	152	09					
24	20280	-50	6	131	02	23599	-52	0	140	07	26247	-49	9	123	09					
25	20277	-51	7	105	05	23593	-51	6	139	08	26234	-50	0	159	07					
26	20282	-51	0	348	02	23606	-51	0	167	04	26248	-50	1	145	07					
27	20329	-51	0	331	02	23664	-50	3	228	01	26318	-48	6	182	06					
28	20342	-49	5	315	04	23680	-50	4	204	05	26330	-49	4	272	02					
29	20362	-50	6	006	06	23689	-50	4	212	02	26346	-48	5	196	08					
30	20415	-50	2			23761	-48	6			26437	-47	7							
MN	20268	-54	3	*	52	02	23532	-55	4	*	66	05	26099	-55	1	*			*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA $P_0 C_L h C_M C_H$	ww	cppp	FREEZING LEVELS Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	TROPOPAUSE (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	TROPOPAUSE (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	MAX. WIND LEVEL Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	10910	03	209	0					1	06 16	414	-48	8 289	1	11 81	177	-50	1 366	9	06 95	367	090	16
02	864--	10	320	0					1	03 13	644	-46	7 257	1	13 98	127	-52	1 398	9	05 31	465	104	15
03	00905	03	706	0					1	04 85	500	-47	8 275	0					9	04 97	491	179	19
04	00900	02	701	0					2	05 33	464	-45	0 284	1	17 77	071	-55	7 463	9	04 86	498	157	31
05	864--	10	707	0					1	05 84	430	-48	6 286	1	10 91	201	-46	7 358	9	05 41	498	158	31
06	85500	10	302	0					2	06 08	421	-51	1 284	2	20 46	047	-57	0 518	9	06 74	381	166	32
07	85500	39	111	0					2	03 17	647	-44	2 259	1	08 76	281	-44	8 528	9	06 39	399	202	39
08	20920	02	304	0					1	03 45	622	-42	7 264	1	11 58	188	-45	3 368	9	05 80	441	249	23
09	854--	71	817	0					2	08 30	320	-55	3 302	0					9	08 10	330	293	37
10	36307	98	304	0					1	10 15	245	-60	9 318	2	17 88	074	-53	4 462	9	09 85	257	296	29
11	00901	02	810	0					1	10 40	235	-62	8 318	0					9	06 81	409	245	24
12	855--	02	715	0					1	09 59	270	-57	3 314	1	14 04	136	-53	9 388	9	09 30	283	302	25
13	00900	02	209	0					2	10 29	243	-57	8 323	1	21 91	040	-57	1 541	9	08 57	318	272	33
14	00900	02	710	0					2	09 90	259	-59	3 314	0					9	10 10	252	264	21
15	00900	02	202	0					2	10 93	238	-58	8 323	0					9	08 21	332	258	35
16	00907	02	801	0					2	08 69	305	-50	6 313	0					9	08 35	322	222	41
17	15500	02	201	0					1	08 79	296	-54	0 310	0					9	05 64	475	338	21
18	00907	02	206	0					1	07 62	353	-55	4 293	0					9	07 40	367	321	30
19	00900	02	003	0					1	09 26	276	-60	4 307	0					9	08 25	325	325	25
20	40878	02	813	0					2	08 94	292	-56	5 308	0					9	07 94	342	309	33
21	00900	02	603	0					1	09 10	281	-58	5 308	0					9	09 30	271	277	16
22	85500	71	702	0					1	07 70	342	-56	5 297	0					9	04 63	340	229	18
23	80810	01	205	0					2	06 37	414	-52	0 286	0					9	07 48	017	143	19
24	00900	02	203	0					1	06 90	384	-52	2 291	0					9	06 50	408	349	16
25	67601	71	302	0					2	05 97	439	-47	5 286	0					9	05 41	477	222	10
26	00900	02	606	0					1	07 50	369	-52	1 298	0					9	06 39	416	356	22
27	00900	02	205	0					1	07 04	374	-51	3 294	0					9	06 71	392	027	10
28	10918	71	209	0					1	06 95	381	-50	6 293	0					9	08 89	285	015	16
29	00900	02	210	0					2	06 68	400	-50	5 290	0					9	06 62	404	039	29
30	00905	02	703	0					1	07 88	339	-52	1 302	0					9	06 90	394	042	38
MEAN										07 41	373	-52	8 296		14 91	134	-51	6 419					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	30 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	20 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	10 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	19829	-58	6	025	02															
02	19893	-58	9	034	01	23079	-61	1	360	03	25589	-62	3	008	04					
03	19879	-58	2	110	02	23069	-61	0	058	06										
04	19946	-57	9	100	05	23153	-59	4	087	03										
05	19959	-57	0	099	07	23178	-59	7	076	03	25708	-59	2	080	07					
06	20078	-55	9	000	00	23307	-57	6	089	04	25858	-59	4	064	06					
07	20075	-56	4	303	03	23298	-58	9	005	07	25837	-58	7	065	05					
08																				
09	20409	-54	5	039	12	23653	-57	9	032	16	26214	-59	4	037	15					
10	20454	-55	4	044	11	23704	-56	6	041	16	26255	-59	8	044	20					
11	20535	-52	0	039	08															
12	20547	-52	7	053	11	23805	-56	6	048	14	26357	-59	0	056	25					
13	20582	-53	5	065	08	23829	-58	0	077	15	26385	-57	0	068	17					
14	20501	-54	3	085	08	23742	-58	5	077	20	26310	-55	4	075	21					
15	20445	-55	3	080	11	23683	-57	5	088	16	26259	-55	6	085	21					
16	20404	-54	9	085	09	23656	-54	8	084	15	26245	-55	1	095	14					
17	20340																			
18	20346	-55	2	094	09	23604	-54	7	076	08										
19	20406	-54	9	078	05															
20	20332	-54	9	281	02	23616	-53	5	105	05	26237	-51	1	115	18					
21	20326	-52	5	100	15	23641	-50	9	232	08										
22	20221	-51	8	145	05	23542	-50	9	110	06	26173	-50	3	141	08					
23	20292	-51	1	164	04	23621	-50	4	090	07										
24	20250	-51	0	127	02	23567	-51	2	125	10										
25	20251	-51	0	119	01	23567	-50	7	124	05	26209	-50	8	129	07					
26	20272	-51	3	008	02	23596	-50	6	140	03	26245	-49	5	168	05					
27	20213	-51	4	341	02	23525	-51	9	176	02										
28	20284	-50	8	328	01	23615	-51	0	082	02										
29	20327	-50	7	092	01	23659	-49	2	048	06	26321	-48	3							
30	20362	-49	7			23701	-49	6			26368	-46	8							
MN	20268	-54	0	*	72	04	23536	-54	9	*	76	06	26151	-55	2	*			*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA $P_0 C_L h C_M C_H$	ww	cppp	FREEZING LEVELS Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	TROPOPAUSE (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	TROPOPAUSE (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	MAX. WIND LEVEL Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	865--	02	706	0					1	05 21	636	-43	9 261	0					9	04 40	532	097	23
02	855--	02	215	0					1	02 77	680	-47	0 253	2	10 45	216	-45	5 353	9	07 65	327	114	12
03	20830	02	318	0					2	05 52	451	-48	0 283	1	12 74	192	-51	0 380	9	04 14	355	194	31
04	00900	02	207	0					1	06 34	400	-48	3 292	1	10 61	210	-47	0 353	9	05 97	451	161	47
05	00901	02	805	0					2	06 34	400	-50	5 289	1	12 08	169	-49	5 372	9	06 10	415	198	36
06	855--	02	224	0					1	06 15	416	-51	0 285	0					9	06 10	419	174	35
07	9-0--	39	812	0					1	05 70	447	-50	0 281	1	08 68	285	-47	2 329	9	06 36	404	217	35
08	00900	02	298	0					2	07 30	363	-48	4 300	0					8	06 78	393	311	55
09	855--	38	711	0					2	08 93	294	-59	0 304	0					9	08 23	328	287	27
10	10915	02	202	0					1	10 24	242	-60	0 320	0					1	27 91	015	043	26
11	20947	02	204	0					1	09 37	278	-60	3 307	0					9	07 12	394	286	21
12	60915	03	202	0					1	09 69	267	-54	0 320	1	14 90	120	-55	4 399	9	09 22	287	289	36
13	00900	02	707	0					1	10 65	231	-59	2 325	0					9	09 74	267	257	29
14	10940	01	710	0					1	10 91	235	-60	0 322	0					9	09 49	277	255	21
15	00900	02	209	0					2	09 95	254	-58	0 318	1	14 59	124	-53	4 399	9	09 04	293	257	35
16	25600	01	400	0					1	07 51	361	-48	0 302	0					9	07 01	389	347	29
17	00906	03	205	0					1	07 78	345	-53	5 298	0					8	06 05	447	336	17
18	00901	02	206	0					1	08 88	292	-57	4 307	0					9	07 99	338	332	34
19	00901	02	706	0					1	09 10	285	-57	9 308	0					9	08 12	334	311	29
20	00900	02	707	0					1	09 34	271	-56	7 314	0					9	07 70	351	302	21
21	875--	71	705	0					1	08 46	307	-57	7 302	0					9	08 25	318	235	17
22	26100	02	208	0					1	07 37	356	-55	9 292	0					9	06 32	418	238	15
23	00900	02	208	0					2	06 61	400	-49	3 291	0					9	24 57	026	091	11
24	00900	02	701	0					1	07 10	372	-52	2 293	0					9	23 50	030	123	10
25	00907	02	701	0					1	06 56	400	-47	6 293	0					9	07 11	368	001	09
26	00908	02	703	0					1	07 10	370	-51	7 294	0					9	06 54	404	329	10
27	00901	02	104	0					2	07 12	368	-53	7 292	0					9	07 39	353	010	19
28	00900	02	208	0					1	07 35	359	-54	0 294	0					9	05 88	448	024	17
29	00901	02	304	0					1	08 19	320	-55	3 302	1	13 60	140	-50	8 390	9	07 05	383	031	42
30	00900	02	809	0					2	08 58	305	-54	2 308	0					9	0			
MEAN										07 66	357	-53	4 298		12 21	177	-50	0 371					

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.

MAY 1963

STATION INSTRUMENTATION

USW8 type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1020	-14	78	275	05	0199	-14	6	313	06	0559	-10	1	356	08	0967	-09	6	43	360	11
02	1017	-14	75	270	05	0134	-15	5	310	05	0515	-17	5	355	06	0925	-17	4	69	355	10
03	1014	-11	75	015	03	0116	-11	6	350	03	0500	-13	5	338	07	0918	-14	9	69	344	11
04	1012	-14	69	270	08	0095	-14	7	283	06	0485	-15	7	335	05	0888	-17	8	74	346	06
05	1022	-18	63	000	00	0170	-17	1	64	-	0565	-15	0	66	-	0964	-17	0	66	-	
06	1021	-18	45	315	02	0162	-16	5	56	335	02	0548	-14	3	55	020	02	0938	-17	0	50	048	04
07	1020	-18	44	360	01	0153	-16	8	55	005	01	0550	-14	2	47	028	01	0932	-13	0	29	050	02
08	1016	-15	63	000	00	0129	-16	3	53	359	01	0510	-10	2	42	014	02	0934	-12	5	31	049	03
09	1016	-15	59	090	01	0130	-16	2	59	109	01	0519	-13	6	62	127	01	0929	-13	1	58	249	01
10	1011	-19	65	000	00	0092	-15	5	63	000	00	0500	-09	4	34	041	02	0905	-07	5	25	083	01
11	1007	-12	66	180	01	0062	-13	7	60	176	01	0460	-07	2	42	160	01	0874	-07	8	29	149	02
12	1005	-12	63	000	00	0045	-12	6	62	000	00	0440	-10	6	56	059	01	0855	-08	5	48	148	01
13	1006	-13	69	090	03	0053	-13	0	68	090	02	0450	-11	4	62	072	01	0859	-12	3	62	097	02
14	1010	-11	69	270	05	0086	-11	5	68	281	04	0480	-10	4	65	333	02	0896	-10	8	60	010	02
15	1012	-12	70	040	05	0098	-13	4	69	034	04	0500	-11	0	69	025	03	0906	-11	0	65	046	09
16	1012	-12	73	000	00	0101	-13	7	71	310	01	0500	-13	0	67	036	03	0904	-11	2	63	052	03
17	1016	-11	67	070	03	0129	-12	2	69	041	02	0520	-15	0	74	291	01	0929	-13	0	76	260	01
18	1018	-11	62	150	03	0145	-12	4	65	145	02	0520	-16	0	73	144	02	0945	-12	6	72	135	04
19	1025	-11	52	040	01	0197	-13	0	59	349	01	0580	-15	6	73	273	03	0996	-14	5	76	195	05
20	1022	-10	76	270	04	0175	-12	5	76	285	04	0555	-16	2	75	325	02	0975	-11	9	69	327	03
21	1023	-08	84	150	03	0180	-09	5	82	145	03	0580	-09	2	84	120	01	0994	-10	0	87	324	04
22	1009	-09	79	010	04	0072	-09	8	74	014	03	0465	-10	5	69	022	01	0880	-15	2	71	344	04
23	1004	-11	78	110	03	0035	-11	3	78	090	03	0430	-09	4	75	008	03	0846	-11	0	70	036	02
24	1006	-10	81	300	05	0055	-10	5	80	300	04	0450	-13	6	73	304	03	0857	-16	2	69	311	02
25	1009	-08	74	000	00	0076	-10	1	69	334	01	0460	-14	1	72	337	03	0877	-16	0	78	349	02
26	1009	-08	68	315	06	0077	-09	5	62	316	06	0460	-12	5	60	323	04	0881	-15	8	69	350	04
27	1009	-09	73	270	03	0075	-09	7	68	276	03	0465	-12	6	63	334	04	0880	-15	0	67	034	06
28	1012	-07	76	270	04	0101	-09	0	65	282	03	0495	-12	3	60	314	02	0908	-11	3	57	340	05
29	1013	-07	70	000	00	0103	-08	0	77	000	00	0500	-11	5	76	344	01	0911	-14	5	74	325	04
30	1017	-07	75	160	08	0141	-09	2		158	09	0530	-13	1		162	10	0944	-16	9	67	171	10
31	1026	-09	82	000	00	0209	-05	5	62	111	02	0600	-08	7	63	128	07	1025	-12	2	64	133	07
MN	1014	-11	68	*		115	-12	67	*		506	-12	64	*		919	-13	61	*		

CONSTANT PRESSURE DATA — 00 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1407	-11	39	002	13	1871	-13	34	007	12	2360	-16	29	010	13	2876	-18	26	008	12
02	1356	-15	44	360	12	1812	-18	29	359	11	2300	-20	42	002	13	2800	-22	48	005	16
03	1348	-17	69	349	11	1802	-17	69	355	11	2285	-19	69	355	09	2797	-20	55	358	03
04	1316	-17	76	355	07	1771	-18	77	356	08	2265	-20	77	954	10	2759	-22	77	003	09
05	1391	-18	61	-		1843	-19	56	-		2300	-21	91	-		2828	-23	47	036	11
06	1388	-16	41	040	04	1843	-18	55	039	03	2325	-20	30	034	06	2833	-22	18	033	07
07	1386	-14	27	097	03	1845	-16	25	121	04	2320	-18	17	091	03	2842	-20	17	089	04
08	1370	-13	61	060	04	1830	-16	64	070	04	2320	-18	67	086	05	2826	-21	70	091	04
09	1363	-14	31	285	04	1822	-15	33	287	07	2310	-17	40	287	10	2824	-18	44	283	13
10	1350	-08	28	127	03	1820	-10	35	162	05	2310	-12	31	187	05	2841	-14	37	202	07
11	1318	-08	25	141	03	1788	-09	15	145	04	2280	-12	16	149	04	2806	-14	54	169	06
12	1299	-08	39	036	01	1769	-09	29	111	01	2265	-11	16	148	02	2792	-14	16	135	03
13	1295	-11	54	067	02	1760	-12	44	080	01	2260	-14	34	-		2775	-15	30	-	
14	1335	-11	53	026	01	1799	-13	47	035	03	2300	-12	44	051	05	2815	-14	41	060	07
15	1343	-11	64	040	13	1807	-13	64	029	13	2300	-13	43	036	14	2820	-16	30	043	12
16	1344	-11	58	060	02	1809	-11	49	085	04	2300	-12	37	088	05	2826	-15	34	089	06
17	1364	-13	70	043	01	1826	-14	62	026	04	2310	-11	35	016	05	2847	-13	16	025	07
18	1382	-11	63	132	03	1848	-10	32	105	04	2350	-11	25	076	02	2871	-13	25	094	02
19	1426	-14	71	162	01	1890	-14	56	070	02	2390	-14	35	034	05	2900	-16	17	036	07
20	1412	-10	49	327	05	1880	-11	29	328	06	2375	-13	43	330	07	2897	-15	16	326	06
21	1433	-12	92	300	06	1894	-14	87	312	09	2370	-16	64	324	15	2899	-18	46	327	14
22	1317	-10	66	942	05	1785	-10	40	347	07	2280	-12	16	350	06	2805	-14	16	345	05
23	1285	-10	56	038	02	1750	-12	48	056	03	2250	-14	47	063	03	2763	-16	38	039	04
24	1287	-15	79	319	01	1746	-15	71	327	04	2240	-18	63	315	04	2744	-20	57	319	04
25	1305	-18	85	184	01	1757	-18	67	131	01	2245	-20	86	328	01	2745	-22	86	345	03
26	1309	-19	85	019	03	1762	-18	73	026	03	2240	-19	69	045	02	2754	-21	64	043	02
27	1309	-16	71	049	07	1769	-15	55	070	04	2255	-17	44	094	04	2767	-20	40	086	06
28	1346	-11	47	016	04	1813	-10	15	040	03	2310	-12	16	065	04	2835	-15	16	089	05
29	1343	-15	72	324	06	1805	-11	79	316	07	2300	-12	83	320	06	2824	-13	80	348	06
30	1373	-16	69	178	10	1833	-14	72	203	09	2310	-15	73	217	10	2849	-15	74	218	06
31	1459	-15	65	156	10	1917	-15	50	159	09	2400	-15	38	144	10	2926	-17	29	140	10
MN	1394	-13	58	20	02	1815	-14	50	*		2304	-15	44	*		2822	-17	41	18	03

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1016	-13	56	320	10	0128	-12	43	325	10	0520	-12	43	338	11	0934	-11	52	345	11
02	1018	-11	59	315	05	0144	-12	60	326	06	0520	-15	62	348	08	0939	-17	67	350	11
03	1012	-19	74	300	05	0098	-16	70	303	03	0490	-15	70	337	06	0894	-17	74	341	10
04	1018	-21	43	000	00	0140	-18	62	290	01	0520	-17	72	051	01	0927	-18	75	130	02
05	1022	-24	69	360	02	0165	-17	70	007	03	0540	-15	65	020	03	0959	-16	61	025	03
06	1021	-23	71	090	03	0162	-18	69	050	02	0550	-13	56	030	04	0961	-13	43	042	04
07	1019	-22	52	090	02	0142	-17	60	050	02	0535	-10	44	027	03	0948	-10	27	054	02
08	1016	-17	75	110	04	0128	-16	72	121	03	0510	-12	55	220	02	0930	-13	40	268	02
09	1015	-20	82	000	00	0119	-17	63	122	01	0510	-11	58	093	02	0924	-10	57	004	01
10	1009	-20	82	110	03	0076	-18	79	-		0460	-10	58	-		0884	-07	58	-	
11	1005	-17	76	090	02	0045	-16	75	080	02	0445	-09	54	025	01	0855	-08	43	011	02
12	1006	-16	76	000	00	0050	-15	74	000	00	0440	-10	59	030	02	0858	-09	56	052	02
13	1009	-16	70	000	00	0075	-16	69	000	00	0460	-12	64	000	00	0879	-11	60	000	00
14	1012	-17	74	090	03	0100	-16	73	057	03	0490	-11	75	009	03	0906	-10	71	033	05
15	1012	-17	74	000	00	0095	-16	70	022	01	0470	-14	74	093	05	0894	-13	75	054	11
16	1015	-17	77	000	00	0119	-15	70	345	01	0510	-13	74	339	02	0921	-11	73	349	04
17	1017	-10	78	000	00	0135	-12	79	000	00	0510	-15	78	000	00	0933	-13	77	132	02
18	1023	-11	78	140	04	0181	-12	72	144	04	0570	-15	78	158	07	0978	-14	82	182	09
19	1023	-14	82	120	02	0177	-12	67	040	02	0570	-16	80	355	02	0974	-12	74	348	02
20	1024	-11	67	090	03	0191	-13	69	107	01	0580	-14	78	355	01	0992	-11	84	347	03
21	1018	-09	75	360	02	0144	-10	75	358	02	0540	-10	84	354	02	0953	-12	86	338	04
22	1002	-16	62	000	00	0025	-16	52	000	00	0410	-10	72	013	02	0831	-11	65	046	02
23	1006	-10	73	360	05	0052	-10	72	343	05	0450	-09	69	304	05	0863	-10	63	335	09
24	1006	-11	70	000	00	0055	-11	69	000	00	0445	-15	65	313	01	0851	-17	71	346	01
25	1011	-10	57	000	00	0088	-11	58	343	01	0480	-13	63	004	04	0889	-16	69	047	03
26	1008	-11	77	300	05	0070	-11	77	300	05	0460	-14	80	312	05	0868	-17	85	005	03
27	1010	-12	65	270	06	0083	-12	65	285	05	0470	-13	60	352	03	0886	-13	60	030	03
28	1013	-09	66	295	06	0107	-10	67	299	06	0500	-13	71	310	06	0909	-15	71	321	06
29	1014	-09	73	180	10	0112	-10	73	176	09	0500	-12	73	161	07	0915	-15	73	142	05
30	1024	-10	58	146	07	0186	-11	61	148	09	0570	-14	67	151	13	0983	-18	74	160	16
31	1023	-07	69	360	03	0184	-07	58	012	03	0580	-08	52	037	03	1000	-11	57	084	05
MN	1014	-15	70	*		115	-14	68	*		503	-13	66	*		917	-13	65	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1370	-13	65	343	12	1830	-15	93	342	14	2315	-17	40	342	13	2830	-19	92	340	10
02	1368	-15	74	350	11	1824	-17	71	010	11	2310	-20	71	007	13	2813	-22	71	005	14
03	1321	-17	79	343	10	1775	-18	80	344	10	2260	-20	81	346	13	2765	-21	82	356	15
04	1352	-19	77	095	02	1801	-21	76	054	03	2280	-23	75	043	06	2778	-25	75	035	08
05	1387	-18	57	035	04	1840	-19	58	044	06	2320	-21	48	045	08	2824	-24	39	038	09
06	1394	-14	31	051	03	1852	-16	27	060	03	2345	-18	17	062	04	2847	-21	18	054	05
07	1387	-11	16	080	03	1850	-14	10	092	04	2340	-16	16	105	05	2853	-19	11	111	06
08	1364	-15	59	252	03	1822	-17	60	292	06	2305	-19	67	292	07	2815	-21	65	290	11
09	1363	-11	29	294	02	1828	-12	38	280	03	2310	-13	34	268	05	2843	-15	25	259	06
10	1330	-07	27	-		1802	-09	32	-		2300	-11	24	-		2824	-14	16	48	184	06
11	1298	-09	35	080	03	1767	-10	27	103	06	2265	-11	15	118	04	2790	-14	10	116	139	04
12	1298	-11	50	081	03	1766	-10	30	091	04	2270	-12	17	46	086	04	2785	-15	37	088	05
13	1316	-12	50	116	01	1780	-11	49	061	01	2265	-12	29	29	058	02	2796	-15	0	37	083	04
14	1344	-12	68	048	07	1808	-11	66	49	047	09	2300	-12	2	33	052	09	2827	-14	4	35	059	10
15	1329	-12	70	047	09	1792	-13	2	54	066	09	2285	-14	3	36	065	09	2803	-17	0	25	067	10
16	1360	-10	60	004	05	1827	-11	2	40	030	04	2320	-11	6	27	037	06	2849	-13	9	A16	044	07
17	1368	-12	60	126	03	1835	-09	4	30	102	04	2340	-10	5	24	070	04	2861	-12	8	25	073	05
18	1412	-14	77	173	07	1875	-11	5	54	117	03	2360	-12	7	40	044	03	2893	-14	8	56	060	05
19	1410	-12	58	015	04	1875	-11	1	27	016	05	2365	-12	6	A16	017	07	2894	-15	0	A16	018	09
20	1430	-10	84	324	09	1895	-13	5	82	305	05	2400	-14	0	78	309	05	2905	-16	5	56	324	09
21	1386	-16	89	338	09	1848	-13	1	77	350	08	2330	-15	0	58	349	09	2858	-16	9	38	351	12
22	1270	-11	57	073	04	1735	-12	5	47	080	04	2240	-13	2	38	075	03	2750	-15	5	28	058	05
23	1300	-13	61	344	04	1762	-15	1	57	048	04	2250	-15	9	48	359	07	2768	-17	1	99	012	07
24	1278	-19	76	091	02	1732	-17	3	78	130	01	2220	-19	5	77	069	01	2724	-22	0	76	076	02
25	1317	-18	75	099	02	1769	-20	3	80	080	02	2255	-20	0	79	090	02	2758	-22	2	75	027	03
26	1295	-16	86	036	02	1751	-17	7	79	016	03	2240	-19	2	72	025	02	2743	-22	0	66	063	02
27	1319	-15	0	63	043	03	1783	-12	8	38	083	03	2280	-15	0	30	101	05	2793	-17	4	25	121	06
28	1345	-11	4	50	320	06	1811	-09	5	A15	331	05	2316	-10	8	A16	355	06	2837	-13	7	54	004	04
29	1345	-16	1	73	144	04	1843	-15	1	76	205	01	2300	-14	1	78	226	02	2819	-15	6	77	227	03
30	1413	-14	6	62	166	09	1872	-16	0	44	170	08	2360	-16	4	34	180	10	2877	-16	7	27	188	08
31	1436	-13	6	57	087	02	1899	-12	4	53	149	04	2390	-10	9	42	189	06	2921	-13	4	47	210	07
MN	1352	-13	8	60	16	02	1813	-14	1	51	*		2304	-15	4	45	*		2821	-17	7	43	26	03

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.

MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	4010	-25	9	60	005	12	5306	-34	6	63	002	16	6838	-43	8		359	19	8711	-55	9		003	17
02	3921	-28	2	47	010	17	5206	-36	6	48	004	17	6718	-47	1		002	23	8593	-51	9		001	14
03	3921	-27	7	64	359	09	5219	-33	1	62	003	11	6754	-43	9		019	13	8637	-52	6		021	17
04	3873	-30	3	73	360	13	5148	-39	3	69	004	14	6663	-42	5		359	25	8589	-44	9		004	24
05	3942	-29	9	39	036	16	5220	-37	7	A22	037	20	6735	-45	0		028	29	8643	-47	0		025	26
06	3949	-29	5	A20	028	12	5228	-37	7	A22	028	20	6733	-47	3		029	22	8630	-47	3		027	14
07	3966	-28	0	A19	080	06	5251	-37	0	A21	055	08	6767	-45	1		107	04	8667	-48	0		168	03
08	3951	-27	5	72	115	08	5238	-35	4	42	137	11	6773	-41	7		150	18	8704	-45	0		166	13
09	3964	-23	4	32	276	15	5274	-32	2	A20	271	18	6812	-43	3		276	25	8704	-51	6		268	17
10	3992	-21	4	A18	217	12	5313	-30	0	A20	216	14	6867	-40	0	47	222	10	8772	-54	3		212	11
11	3958	-21	7	48	171	07	5276	-31	0	33	167	09	6820	-42	1		160	14	8711	-55	2		161	13
12	3947	-20	5	A18	155	06	5277	-28	0	A19	175	10	6837	-40	8		167	17	8730	-55	2		172	16
13	3925	-20	6	A18	–		5248	-30	1	A20	–		6798	-41	8		116	14	8691	-54	0		119	18
14	3973	-20	3	36	069	09	5303	-28	6	29	064	10	6860	-41	5		060	12	8751	-55	9		065	21
15	3966	-23	1	A18	037	12	5278	-31	9	A20	038	14	6818	-43	3		035	17	8707	-51	9		038	15
16	3971	-23	0	31	092	10	5284	-30	5	A20	105	11	6835	-40	9		127	12	8731	-54	6		135	17
17	4004	-20	1	28	041	10	5331	-29	6	A20	050	12	6883	-41	6		041	10	8776	-52	8		039	10
18	4029	-21	0	35	040	04	5349	-30	7	47	030	06	6894	-41	8		034	09	8788	-54	9		025	12
19	4044	-23	0	A18	033	12	5356	-31	9	38	023	13	6896	-42	9		014	18	8788	-52	3		008	16
20	4047	-21	8	A18	331	07	5368	-30	5	A20	346	10	6917	-41	8		339	13	8825	-48	5		344	21
21	4037	-24	3	A18	329	18	5349	-30	8	A20	332	31	6912	-38	7	A22	334	43	8836	-49	6		334	35
22	3963	-19	1	A17	349	11	5299	-26	6	30	342	12	6876	-37	0	48	341	14	8808	-51	8		338	17
23	3913	-20	6	A18	020	07	5244	-28	0	A19	024	12	6811	-38	7	46	018	13	8729	-53	2		013	20
24	3870	-27	3	53	330	07	5160	-36	1	53	316	07	6675	-46	8		297	11	8571	-44	8		317	10
25	3864	-28	8	67	357	05	5147	-37	0	67	354	06	6657	-47	2		329	05	8555	-44	4		325	10
26	3877	-27	5	52	027	06	5165	-36	3	32	021	08	6683	-45	5		020	11	8611	-41	8		029	07
27	3890	-28	0	47	106	08	5175	-36	6	53	120	10	6700	-42	0		136	15	8653	-40	0		129	12
28	3995	-19	9	A17	093	08	5321	-30	0	A20	098	11	6877	-39	7	A22	101	19	8800	-48	4		098	22
29	3980	-20	5	75	331	06	5304	-30	5	56	331	08	6860	-40	7		346	09	8769	-46	7		005	09
30	3992	-22	4	61	237	03	5307	-31	5	50	223	06	6851	-42	2		232	13	8759	-48	2		220	05
31	4069	-23	1	A18	150	11	5379	-32	1	39	145	15	6921	-42	4		146	18	8821	-48	5		150	12
MN	3961	-24	1	37	*		5268	-32	6	35	* 21	06	6808	-42	6	37	* 20	06	8711	-50	0		* 24	07

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11324	-50	5		032	10	13208	-49	0		359	06	15863	-50	0	356	04	18195	-50	0		045	02
02	11262	-46	0		353	12	13174	-48	4		357	05	15846	-49	1	033	07	18184	-49	4		017	05
03	11301	-47	0		019	14	13209	-45	6		018	11	15883	-47	3	034	07	18230	-49	2		024	03
04	11304	-46	0		013	17	13214	-47	5		024	11	15887	-48	0	014	07	18234	-48	5		020	05
05	11342	-45	8		034	11	13252	-46	9		037	06	15931	-47	9	052	05	18284	-48	0		137	04
06	11333	-45	5		025	05	13247	-47	4		047	01	15915	-48	5	075	02	18265	-48	0		092	02
07	11352	-47	0		196	04	13251	-48	5		190	05	15914	-48	7	183	04	18259	-48	1		149	04
08	11405	-46	5		182	09	13310	-47	4		175	09	15985	-48	5	214	04	18335	-47	7		215	10
09	11377	-46	1		212	07	13285	-47	0		211	08	15964	-48	1	188	08	18318	-47	2		200	08
10	11422	-46	9		198	07	13335	-45	2		202	08	16044	-45	8	195	06	18421	-45	4		208	08
11	11358	-46	7		188	04	13269	-45	6		195	05	15968	-46	2	188	05	18350	-45	7		206	06
12	11372	-46	4		163	03	13290	-45	2		224	03	15998	-45	2	199	03	18381	-45	0		222	05
13	11335	-46	4		119	04	13251	-45	0		148	01	15953	-45	0	238	02	18335	-43	8		202	03
14	11381	-46	0		072	01	13300	-45	2		037	01	16013	-44	3	357	02	18396	-44	6		242	02
15	11375	-45	7		061	03	13296	-45	0		042	02	16001	-46	0	089	01	18377	-44	9		217	02
16	11398	-45	6		082	04	13317	-45	2		076	03	16027	-44	9	000	00	18413	-44	6		199	01
17	11440	-45	4		046	04	13361	-45	0		054	03	16074	-45	6	053	01	18459	-44	6		149	01
18	11448	-45	4		010	03	13374	-44	1		010	02	16095	-44	1	000	00	18488	-43	5		195	02
19	11485	-43	9		008	09	13418	-43	9		008	08	16136	-44	9	002	02	18518	-44	7		015	03
20	11534	-42	1		344	14	13469	-44	2		355	12	16183	-45	2	005	06	18568	-45	1		329	02
21	11534	-42	5		336	15	13465	-45	1		330	08	16176	-45	7	333	07	18561	-44	1		331	06
22	11474	-43	4		335	09	13410	-43	3		329	06	16136	-43	9	321	06	18593	-43	1		007	06
23	11393	-43	0		001	08	13337	-41	3		001	06	16077	-43	5	018	07	18484	-42	1		010	05
24	11321	-40	7		004	07	13279	-41	0		012	06	16022	-42	8	036	07	18437	-42	3		049	06
25	11304	-40	6		033	06	13255	-42	5		040	07	16005	-41	3	055	05	18419	-43	0		054	06
26	11382	-39	4		040	05	13349	-40	9		057	05	16111	-40	0	070	08	18538	-42	0		072	06
27	11436	-39	1		100	08	13402	-40	5		090	09	16156	-42	5	097	07	18577	-42	1		084	08
28	11507	-41	4		092	17	13460	-41	4		086	11	16206	-42	2	083	12	18610	-44	6		088	10
29	11501	-40	0		056	08	13467	-40	5		066	10	16209	-43	8	056	08	18613	-42	5		081	06
30	11494	-39	3		096	07	13457	-39	9		074	07	16212	-42	3	086	07	18629	-41	6		097	07
31	11541	-42	3		131	09	13501	-39	8		124	07	16259	-41	8	094	06	18669	-42	4		094	07
MN	11401	-44	3		* 30	04	13329	-44	4		* 41	03	16040	-45	3	* 35	02	18422	-45	1		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3955	-28	4	33	325	11	5240	-36	1	61	324	17	6766	-45	1		319	17	8637	-55	4		323	29
02	3937	-26	5	58	020	18	5232	-34	6	46	018	22	6768	-44	2		024	27	8650	-54	0		019	28
03	3888	-27	8	61	357	20	5180	-34	9	A21	355	31	6700	-46	4		360	36	8589	-50	0		009	25
04	3878	-29	0	70	025	11	5145	-37	5	A22	018	29	6661	-44	6		016	37	8572	-47	0		015	27
05	3998	-28	5	A19	037	19	5219	-38	0	A22	035	21	6721	-47	7		026	24	8613	-47	8		027	19
06	3969	-28	8	A19	046	10	5250	-37	6	A22	042	19	6766	-44	1		040	18	8681	-46	5		029	07
07	3988	-24	5	65	136	07	5294	-33	3	A20	164	10	6823	-44	9		181	14	8718	-49	2		174	12
08	3941	-26	0	64	285	14	5236	-35	2	54	277	21	6765	-41	8		269	16	8706	-43	2		231	10
09	3993	-21	5	A18	251	09	5313	-30	2	A20	232	11	6868	-40	0	A22	229	16	8767	-55	0		235	14
10	3978	-21	6	A18	185	11	5302	-30	0	A20	188	15	6853	-41	4		188	15	8749	-53	6		191	15
11	3941	-22	0	A18	158	04	5258	-30	7	A20	153	09	6804	-42	2		160	14	8699	-51	5		156	10
12	3937	-21	3	59	093	10	5265	-28	9	A19	103	17	6823	-41	2		126	18	8717	-54	8		133	15
13	3951	-20	0	A17	097	08	5281	-28	9	A19	100	13	6838	-40	8		106	19	8730	-56	3		106	19
14	3980	-21	4	A18	052	11	5302	-30	8	A20	042	13	6849	-41	8		046	19	8741	-54	3		044	11
15	3943	-24	3	28	074	16	5249	-32	5	A20	060	20	6789	-42	3		058	22	8696	-48	9		073	13
16	4005	-21	1	A18	050	07	5327	-30	1	58	066	09	6883	-40	0	56	060	11	8789	-53	1		049	17
17	4022	-19	6	A17	075	06	5348	-30	0	A20	050	07	6899	-40	8		051	12	8801	-53	9		036	11
18	4045	-21	8	54	045	07	5365	-30	4	41	010	07	6917	-41	2		026	10	8807	-55	2		026	12
19	4043	-22	5	A18	016	10	5357	-31	4	41	016	14	6904	-42	0		010	21	8806	-47	9		009	19
20	4050	-21	7	A18	326	12	5370	-30	1	A20	335	17	6925	-40	4		341	25	8851	-52	6		340	21
21	4002	-22	1	A18	353	16	5328	-27	2	A19	353	29	6898	-38	8	40	351	35	8819	-51	8		351	35
22	3901	-20	6	A18	020	07	5234	-26	5	A19	036	11	6809	-38	0	A22	035	16	8728	-52	7		032	18
23	3910	-23	0	A18	357	11	5229	-30	4	A20	352	13	6781	-40	7		333	20	8681	-54	9		335	26
24	3846	-28	1	56	069	03	5134	-36	5	A22	053	03	6646	-46	9		056	04	8550	-43	6		048	07
25	3877	-28	3	61	025	04	5164	-36	6	41	033	08	6676	-46	2		003	07	8597	-42	5		026	07
26	3862	-28	5	53	122	03	5147	-36	1	37	131	03	6662	-46	4		158	06	8597	-40	1		081	05
27	3936	-23	0	A18	135	09	5251	-30	8	A20	147	14	6804	-40	4		132	20	8717	-44	4		113	17
28	3992	-20	7	47	006	05	5317	-28	7	68	064	04	6878	-39	8	67	025	05	8797	-48	5		050	08
29	3963	-23	0	74	170	02	5273	-32	1	57	249	05	6813	-42	3		265	10	8725	-44	9		341	03
30	4021	-23	5	30	171	08	5332	-31	3	A20	192	08	6875	-43	0		172	04	8763	-52	8		144	08
31	4081	-20	0	40	200	08	5406	-29	6	43	210	10	6960	-41	0		207	11	8859	-54	0		256	19
MN	3960	-24	0	36	*		5269	-32	2	31	* 29	07	6810	-42	5	41	* 28	08	8714	-50	3		* 21	07

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11249	-48	9		327	18	13138	-50	3		330	12	15796	-49	8	105	01	18126	-49	8		137	11
02	11290	-46	5		015	13	13195	-47	5		029	10	15861	-49	2	030	07	18196	-50	0		085	03
03	11255	-48	2		014	18	13151	-48	0		019	10	15812	-50	4	022	10	18145	-50	5		027	06
04	11270	-45	8		021	17	13181	-47	0		026	11	15853	-48	5	040	06	18191	-49	1		076	05
05	11309	-45	6		035	09	13219	-47	2		033	06	15890	-49	0	085	04	18232	-48	0		095	05
06	11384	-45	1		066	02	13297	-47	3		131	03	15980	-47	6	133	03	18341	-47	0		144	05
07	11398	-46	9		178	07	13303	-47	1		174	06	15985	-47	5	181	06	18344	-47	5		165	05
08	11426	-45	5		181	08	13336	-47	0		193	07	16017	-47	7	188	07	18378	-47	2		190	07
09	11401	-46	5		206	08	13311	-47	3		205	06	16000	-46	7	195	07	18369	-46	9		198	07
10	11396	-46	6		184	07	13310	-46	0		192	06	16013	-45	5	185	06	18392	-44	6		211	06
11	11359	-46	7		173	05	13270	-45	9		194	03	15975	-45	6	188	05	18351	-45	5		219	04
12	11359	-45	9		137	03	13274	-45	0		227	02	15983	-45	7	222	03	18367	-45	0		207	04
13	11362	-46	4		101	03	13278	-45	1		056	01	15992	-45	3	245	01	18372	-44	9		204	02
14	11399	-45	5		–		13321	-45	5		–		16035	-44	9	–		18418	-44	8		191	01
15	11394	-45	3		070	03	13318	-44	2		086	03	16038	-44	7	092	01	18425	-44	0		169	02
16	11439	-45	6		032	04	13363	-44	6		064	03	16080	-44	3	088	03	18479	-44	2		110	02
17	11455	-45	4		024	03	13379	-44	2		045	03	16101	-44	1	000	00	18501	-42	8		126	02
18	11484	-44	5		030	07	13416	-43	2		027	06	16143	-44	0	065	01	18537	-44	1		051	02
19	11529	-43	7		011	13	13469	-42	2		355	11	16198	-43	9	342	06	18581	-44	8		111	03
20	11523	-43	2		342	13	13494	-43	7		342	09	16157	-46	1	343	08	18537	-45	0		301	04
21	11483	-45	4		348	13	13405	-45	9		342	07	16112	-44	9	350	09	18494	-44	8		029	03
22	11412	-42	6		359	07	13356	-42	7		354	05	16089	-43	2	008	06	18490	-42	5		019	06
23	11378	-41	1		007	10	13328	-41	0		019	06	16069	-43	0	033	08	18476	-42	8		059	07
24	11314	-39	6		051	07	13275	-41	0		030	07	16033	-41	4	055	05	18445	-42	5		060	09
25	11383	-39	9		037	05	13315	-41	5		064	06	16073	-40	7	062	08	18498	-41	4		067	05
26	11381	-38	5		087	06	13348	-39	8		084	04	16109	-41	9	081	07	18525	-41	8		093	07
27	11474	-39	6		101	12	13436	-40	7		099	12	16186	-41	4	095	12	18600	-42	7		095	12
28	11481	-44	9		065	12	13428	-39	5		069	13	16164	-44	1	075	11	18558	-44	0		075	10
29	11480	-39	6		072	08	13448	-39	6		071	07	16203	-43	0	074	08	18609	-42	8		084	08
30	11475	-41	1		099	07																	
31	11526	-44	8		139	05	13468	-42	1		116	09	16205	-42	0	116	08	18615	-42	4		108	07
MN	11401	-44	4		* 29	04	13326	-44	4		* 43	03	16038	-45	2	* 65	03	18420	-45	1		*	

A Statistical Value for Relative Humidity

** Vector Mean Wind*

– Entered under Wind Direction Indicates a Stratum of Missing Wind Data

EUREKA, N.W.T.
MAY 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	30 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	20 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	10 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20400	-49.2		080	03	23759	-47.9		137	01	26445	-46.3								
02	20394	-48.6		036	03	23751	-47.7		072	03	26440	-45.6		180	07					
03	20440	-47.8		079	05	23814	-47.4		115	03										
04	20446	-48.4		110	03	23821	-46.2		119	05	26526	-43.3		161	07					
05	20503	-47.6		110	04	23886	-46.6		126	05										
06	20485	-47.6		141	04	23865	-46.8		128	07	26576	-44.2								
07	20474	-48.2		147	05	23857	-46.0		157	09	26577	-44.0		174	08					
08	20564	-46.4		179	09	23969	-45.0		176	08	26691	-42.6		177	10					
09	20543	-48.0		206	08	23936	-44.0		195	10	26652	-43.4								
10	20665	-44.5		208	07	24087	-44.3		199	07	26830	-40.9								
11	20593	-45.0		195	07	24011	-44.6		207	06										
12	20631	-44.6		217	06	24061	-43.0		192	06	26800	-42.3		214	06					
13	20592	-44.7		220	06	24021	-43.1		212	05										
14	20648	-44.3		217	03	24088	-43.0		250	04	26831	-41.4		252	03					
15	20630	-44.8		213	02	24058	-42.9		111	01										
16	20669	-43.6		200	01	24104	-43.6		064	01										
17	20719	-43.5		145	01	24151	-44.2		064	02	26884	-42.0		064	06					
18	20746	-44.6		113	02	24168	-43.8		046	04										
19	20766	-45.1		022	03	24188	-44.2		055	03	26935	-41.9								
20	20824	-44.3		310	04	24249	-43.3		042	05	26997	-41.4		014	02					
21	20818	-44.3		350	03	24253	-43.5		343	04	26997	-40.9		005	07					
22	20801	-42.5		018	04	24252	-41.9		039	06	27007	-40.6								
23	20764	-42.1		015	07	24221	-41.2		041	08	26969	-40.9		062	08					
24	20711	-43.6		037	07	24159	-42.4		062	10	26898	-42.2		060	09					
25	20686	-43.5		049	05	24125	-43.5		067	07										
26	20818	-41.8		082	08	24271	-42.3		077	08	27023	-40.5		081	08					
27	20846	-43.1		090	07	24301	-42.0		070	07										
28	20868	-44.0		062	08	24309	-42.5		095	04	27067	-38.9		090	03	31881	-32.9		115	04
29	20887	-42.5		060	07	24337	-42.4		089	09	27100	-39.2		093	08					
30	20899	-42.9		103	07	24363	-41.3		081	06	27135	-38.0		112	09					
31	20949	-41.4		103	06	24427	-41.3		111	09	27199	-38.5		124	10					
MN	20670	-44.9		*111	02	24092	-43.9		*107	03	26845	-41.8		*		31881	-32.9		*	

SPECIAL AEROLOGICAL DATA 00 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00906	03	7 12	0					1	09.19	279	-56.5	312	0					9	09.32	272	008	24
02	16506	02	2 14	0					2	07.59	362	-51.5	297	0					9	07.59	350	005	25
03	65641	03	6 11	0					2	07.89	336	-52.5	301	2	14.31	127	-50.0	402	9	08.61	301	021	17
04	27428	71	2 06	0					1	05.43	480	-41.8	285	1	07.49	354	-45.4	307	9	07.79	338	003	30
05	00900	02	2 04	0					1	07.84	339	-47.7	308	0					9	06.82	395	027	29
06	00900	02	2 02	0					2	06.73	400	-47.3	293	0					9	05.90	453	034	25
07	00900	02	7 03	0					1	07.72	346	-48.8	304	0					9	23.35	032	153	10
08	857--	02	3 01	0					2	07.70	349	-44.5	309	0					9	07.12	380	153	19
09	00900	02	2 03	0					1	08.40	315	-52.7	307	0					9	07.85	343	278	28
10	00900	02	7 05	0					1	08.93	293	-54.9	310	0					9	07.58	360	216	16
11	00901	02	7 07	0					1	08.61	305	-55.4	306	0					9	07.12	382	159	14
12	00900	02	2 03	0					1	09.00	288	-56.4	309	0					9	07.81	345	169	25
13	00900	02	2 04	0					1	09.03	284	-55.4	312	0					9	08.29	319	117	20
14	00900	02	2 06	0					1	08.78	299	-56.0	307	0					9	08.62	307	062	25
15	00900	02	8 04	0					2	07.83	343	-50.7	302	0					9	08.07	332	035	18
16	00906	02	2 03	0					1	08.73	300	-54.6	308	0					9	08.01	336	139	17
17	855--	02	1 01	0					1	08.50	314	-53.7	306	0					9	05.20	510	049	13
18	854--	02	2 10	0					1	09.04	288	-55.8	310	0					9	08.38	320	028	12
19	25700	02	4 00	0					1	08.58	310	-53.8	307	0					9	08.30	324	011	19
20	854--	71	3 05	0					1	08.61	310	-51.3	310	0					9	10.34	238	010	29
21	855--	70	8 08	0					2	08.56	313	-49.6	312	0					9	06.85	403	334	43
22	10931	02	7 26	0					1	09.37	274	-55.4	315	0					9	09.11	286	339	19
23	10970	02	3 10	0					1	09.18	280	-55.5	314	0					9	08.64	304	013	20
24	16431	26	1 01	0					1	07.30	364	-50.4	298	0					9	29.26	014	053	12
25	80850	03	2 11	0					1	07.20	368	-50.4	297	0					9	08.19	317	023	10
26	75600	26	8 06	0					1	07.13	374	-46.7	300	0					9	06.12	434	019	12
27	45700	01	2 05	0					2	06.70	400	-42.0	300	0					9	07.20	372	132	17
28	16600	02	2 07	0					1	08.55	311	-48.6	314	0					9	07.92	342	103	25
29	874--	71	7 01	0					2	07.88	343	-49.0	305	0					9	28.66	016	075	12
30	16578	02	2 13	0					1	07.96	338	-50.1	304	0					9	07.40	369	237	14
31	15641	02	8 03	0					2	07.98	342	-50.4	303	1	12.71	168	-41.9	385	9	06.59	420	144	19
MEAN										08.12	331	-51.3	305		11.50	216	-45.8	365					

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	30 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	20 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	10 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20321																			
02	20401	-48.1		085	02	23768	-48.2		085	04	26455	-45.3								
03	20354	-48.4		062	04	23721	-46.7		025	04										
04	20404	-49.3		063	06	23776	-46.5		122	03	26481	-44.8		185	04					
05	20444	-49.0		133	05	23819	-47.0		125	04	26519	-44.6		155	06					
06	20566	-46.8		137	07	23965														
07	20569	-45.9		148	06	23973	-44.0		163	10	26702	-42.9		150	10					
08	20610	-45.8		192	08	24014	-43.7		156	06	26750	-40.9		173	12					
09	20603	-46.0		201	09	24014	-44.1		185	06	26745	-42.3								
10	20643	-45.1		185	07	24068	-43.6		175	04	26811	-40.6		195	05					
11	20600	-44.7		187	05	24028	-43.5		187	06	26768	-41.5								
12	20628	-43.8		207	07	24065	-43.5		186	04	26808	-41.1		184	05					
13	20631	-43.5		208	04	24065	-43.2		217	03	26805	-42.0		179	02					
14	20677	-44.4		189	02	24127	-41.7		146	02	26876	-40.6		080	05					
15	20693	-42.5		140	03	24143														
16	20737	-44.0		174	02	24176	-42.8		091	03	26919	-42.6		083	06					
17	20764	-43.7		093	02	24202	-42.5		067	03										
18	20795	-43.5		070	02	24235	-42.3		061	04										
19	20847	-42.9		323	05	24270	-43.1		074	06	27026	-41.1		071	03					
20	20780	-45.4		332	02	24205	-42.2		029	02	26949	-41.2		042	04					
21	20749	-44.4		357	03															
22	20767	-42.8		028	05	24220	-42.6		050	07										
23	20755	-42.0		056	10	24214	-41.4		060	09	26962	-41.6		060	09					
24	20721	-43.6		048	04	24160	-43.1		065	08	26904	-41.4		060	10					
25	20778	-42.2		064	06	24227	-42.6		075	08	26968	-42.2		077	10					
26	20805	-42.1		082	07	24258	-42.1		092	09	27009	-40.2		111	06					
27	20866	-44.6		090	09	24312														
28	20821	-44.0		074	09	24266	-42.2		085	13	27030	-40.1		095	10					
29	20878	-43.0		101	07	24335	-40.8		081	09	27106	-39.0		098	09					
30																				
31	20889	-41.6		115	12	24354	-41.3		108	08										
MN	20670	-44.6		*112	03	24106	-43.4		*100	04	26830	-41.8		*					*	

SPECIAL AEROLOGICAL DATA 12 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	15520	02	8 15	0					1	08.84	290	-56.3	308	0					8	08.04	329	321	35
02	50852	02	2 02	0					1	08.90	288	-54.8	312	0					9	07.45	361	022	30
03	862--	02	6 12	0					2	07.47	355	-49.2	302	0					9	05.65	467	355	40
04	00907	02	1 15	0					2	07.46	355	-46.5	305	0					9	06.42	415	017	38
05	00900	02	7 02	0					2	06.72	400	-47.7	293	0					9	06.67	403	027	24
06	00900	02	4 00	0					1	07.92	336	-47.0	309	0					9	05.50	482	042	21
07	00900	02	8 03	0					2	07.71	350	-49.0	303	0					9	07.60	356	180	16
08	10930	02	2 01	0					2	06.28	429	-41.3	295	0					9	05.90	454	276	22
09	00900	02	8 06	0					1	09.20	280	-56.4	312	0					9	06.64	414	230	17
10	00905	02	7 05	0					2	08.49	312	-53.3	307	0					9	06.18	441	193	16
11	00901	02	2 01	0					2	07.86	341	-50.0	304	0					9	06.80	400	160	14
12	00901	02	4 00	0					2	08.80	296	-55.2	309	0					9	07.04	387	127	18
13	00900	02	2 05	0					2	08.73	300	-56.3	307	0					9	08.10	330	110	23
14	00900	02	2 03	0					1	08.66	303	-54.4	308	0					9	08.06	334	043	20
15	16430	02	2 03	0					1	08.63	303	-49.5	315	0					9	06.78	400	058	22
16	00901	02	2 07	0					1	09.30	276	-56.3	313	0					9	08.24	326	049	19
17	855--	02	2 01	0					1	09.20	282	-56.5	311	0					9	08.12	333	042	13
18	854--	71	2 13	0					1	08.89	296	-55.8	308	0					9	08.59	310	026	12
19	854--	70	7 06	0					1	08.22	328	-50.9	306	0					9	07.93	344	007	24
20	854--	02	2 03	0					2	08.65	308	-52.4	309	0					9	08.40	321	339	34
21	855--	71	7 11	0					1	09.04	290	-53.3	313	0					9	08.29	326	351	38
22	00900	02	7 03	0					1	09.10	284	-55.2	313	0					9	08.39	318	032	18
23	00901	02	2 06	0					1	08.81	294	-55.9	308	0					9	08.53	307	333	27
24	16431	76	2 06	0					1	07.36	359	-49.8	300	0					1	27.40	019	073	12
25	40840	02	7 02	0					2	06.68	400	-46.2	295	0					1	27.50	019	077	12
26	856--	02	2 01	0					1	06.83	390	-47.0	296	0					9	24.69	028	094	10
27	00900	02	2 13	0					1	08.23	323	-50.0	308	0					9	06.61	412	133	20
28	00908	02	2 03	0					2	07.88	345	-47.1	307	1	14.82	122	-44.2	417	9	16.45	096	070	14
29	855--	71	2 07	0					1	07.70	350	-49.2	303	0					9	07.26	375	259	13*
30	855--	02	2 15	0					1	08.19	328	-52.2	304	0					6	00.90	910	159	17
31	00901	02	7 16	0					1	09.08	289	-55.5	310	0					9	08.61	311	235	20
MEAN										08.22	325	-51.6	306		14.82	122	-44.2	417					

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.
JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1017	−04	4 73	310	03	0139	−05	3 64	333	04	0540	−07	7 51	032	03	0959	−09	4 50	085	03
02	1012	−04	0 70	360	02	0101	−05	3 65	328	02	0500	−05	6 47	295	02	0927	−03	9 28	339	03
03	1015	−02	8 65	000	00	0124	−04	0 65	341	01	0530	−04	1 68	001	03	0954	−04	5 71	003	06
04	1017	−04	0 74	280	08	0141	−04	3 74	290	07	0550	−05	3 73	310	05	0968	−06	4 73	339	04
05	1018	−03	0 66	290	08	0150	−04	2 68	312	06	0550	−07	6 74	354	04	0970	−11	1 81	004	05
06	1019	−02	7 76	300	08	0153	−03	1 73	316	06	0550	−04	3 67	336	05	0984	−04	5 65	357	07
07	1023	−02	0 80	270	05	0189	−02	9 80	265	03	0600	−04	8 80	265	01	1019	−05	3 68	276	02
08	1025	001	6 81	145	06	0206	000	3 78	156	06	0600	−02	4 72	171	06	1045	−01	7 57	201	04
09	1025	002	0 61	180	13	0191	000	8 55	175	17	0600	−02	4 55	176	18	1027	−04	9 75	189	13
10	1019	001	4 84	180	17	0157	000	6 83	180	17	0575	−01	1 82	187	15	0998	−01	6 89	189	09
11	1018	001	4 86	150	04	0149	000	7 87	163	04	0560	−01	1 87	204	03	0989	−03	2 88	235	02
12	1019	001	9 84	140	03	0161	001	0 84	150	03	0570	−01	5 86	159	02	1000	−04	3 87	145	02
13	1019	002	7 74	100	03	0159	001	3 75	125	04	0560	−02	3 76	159	05	0998	−00	7 65	235	02
14	1014	005	0 77	090	02	0117	004	3 77	109	02	0520	001	3 78	168	02	0967	001	6 51	167	01
15	1012	003	2 85	270	06	0107	002	8 86	287	04	0510	000	8 88	328	03	0954	−01	4 90	343	03
16	1016	001	1 74	360	10	0132	−00	1 76	349	08	0525	−03	7 82	326	06	0964	−07	5 88	316	08
17	1009	001	3 76	010	05	0078	000	5 74	008	05	0485	−03	5 69	354	04	0913	−06	5 76	001	04
18	1011	002	2 74	280	06	0098	001	6 73	285	05	0500	−01	3 70	310	03	0938	−04	3 67	285	01
19	1014	002	4 74	290	04	0119	001	9 72	310	03	0520	−00	6 68	300	01	0961	−03	7 66	240	03
20	1009	002	1 76	270	04	0079	001	5 74	300	04	0485	−01	1 67	344	04	0919	−04	3 66	317	03
21	1009	002	7 72	300	05	0078	002	3 71	301	04	0490	−00	2 66	302	02	0921	−03	5 64	348	01
22	1010	002	1 76	275	05	0087	001	5 74	–		0500	−01	7 71	–		0926	−04	3 72	–	
23	1009	000	6 81	280	05	0081	000	4 78	277	04	0490	−01	6 73	209	02	0919	−04	3 75	230	02
24	1010	002	4 79	290	03	0091	002	2 70	290	03	0500	000	0 67	000	00	0935	−02	8 72	314	02
25	1012	004	4 67	320	02	0104	003	6 59	326	02	0500	000	3 59	325	03	0949	−02	7 66	329	04
26	1008	002	8 79	265	03	0072	002	4 79	266	03	0490	−00	4 82	293	03	0915	−03	2 85	320	06
27	1003	001	6 73	270	06	0029	001	5 73	275	06	0440	−01	0 72	320	04	0870	−03	8 72	345	04
28	1004	002	8 79	270	04	0039	002	6 79	278	04	0445	−00	2 79	357	04	0883	−03	2 80	068	02
29	1010	002	3 92	130	06	0091	002	2 90	124	06	0500	000	1 86	090	03	0935	−03	1 85	159	02
30	1015	003	3 82	300	03	0127	002	5 82	304	02	0540	−00	4 82	302	02	0970	−03	4 82	279	02
MN	1014	01	0 76	*		118	00	3 75	*		524	−02	1 73	*		956	−04	1 72	*	

CONSTANT PRESSURE DATA — 00 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1404	−06	2 49	099	02	1880	−06	5 42	024	01	2380	−07	8 27	325	02	2917	−10	8 99	275	01
02	1378	−03	8 A14	330	03	1857	−04	9 25	314	04	2350	−07	0 31	289	06	2898	−09	5 28	290	07
03	1401	−07	2 72	006	05	1875	−06	6 56	329	02	2390	−09	5 56	316	04	2906	−11	8 28	287	07
04	1414	−07	5 72	300	05	1886	−08	5 54	005	06	2390	−09	7 31	005	04	2916	−12	2 92	005	05
05	1413	−06	9 70	002	08	1885	−09	6 64	356	09	2390	−11	0 64	357	11	2907	−14	5 80	358	12
06	1432	−07	3 68	003	08	1904	−10	1 71	347	07	2400	−13	1 67	348	09	2920	−16	3 62	352	08
07	1466	−06	3 84	302	05	1939	−08	7 84	318	06	2440	−11	3 85	317	09	2965	−14	0 85	313	09
08	1499	−04	0 74	251	04	1976	−06	6 87	267	05	2480	−09	6 90	300	07	3007	−13	0 88	297	09
09	1473	−06	8 86	217	15	1950	−06	4 88	244	19	2450	−06	0 90	260	14	2995	−07	9 89	273	16
10	1454	−00	1 93	217	12	1940	−01	9 93	226	15	2450	−05	0 91	228	16	2990	−08	3 88	235	16
11	1440	−05	4 89	277	04	1915	−07	6 90	241	03	2425	−09	6 90	281	03	2946	−11	6 90	290	06
12	1448	−07	1 88	046	02	1921	−04	7 80	335	04	2415	−05	6 39	315	07	2966	−08	5 34	312	06
13	1454	−01	4 62	315	05	1935	−04	6 63	297	03	2450	−06	4 46	264	07	2979	−07	0 A15	267	11
14	1426	−00	5 45	140	01	1909	−03	8 69	155	01	2410	−05	8 63	201	02	2953	−09	5 79	240	04
15	1408	−03	4 92	335	03	1888	−05	5 93	290	04	2400	−07	4 91	305	04	2928	−10	5 89	283	04
16	1410	−06	4 66	313	08	1885	−06	9 37	315	07	2390	−10	1 33	314	05	2914	−13	4 A16	317	05
17	1358	−09	1 79	343	02	1826	−11	7 78	291	02	2315	−14	4 78	268	02	2898	−17	3 77	235	02
18	1386	−07	4 64	268	01	1856	−10	8 61	130	01	2345	−15	2 69	095	02	2866	−16	8 69	026	04
19	1410	−07	0 64	236	04	1881	−10	6 63	218	03	2380	−14	0 59	287	01	2896	−15	6 97	350	02
20	1366	−07	9 82	297	03	1835	−10	8 80	336	02	2320	−12	5 48	343	02	2855	−14	6 42	358	04
21	1370	−07	2 63	034	03	1841	−10	2 69	010	03	2335	−13	7 74	010	02	2855	−16	6 76	357	01
22	1374	−07	2 61	–		1845	−10	7 68	–		2345	−12	3 68	–		2864	−15	5 61	–	
23	1369	−05	8 55	260	02	1843	−08	1 40	284	03	2350	−09	9 42	324	04	2872	−13	6 93	354	07
24	1386	−05	6 78	314	09	1860	−08	9 83	310	04	2355	−12	5 83	304	04	2880	−16	2 84	306	04
25	1400	−06	1 74	338	05	1873	−09	6 82	340	06	2365	−11	9 85	331	06	2895	−15	0 83	315	06
26	1365	−06	2 87	319	10	1838	−09	5 90	318	09	2320	−12	6 90	312	10	2857	−16	0 89	307	11
27	1319	−06	6 71	354	02	1791	−09	6 70	341	03	2280	−13	0 73	319	03	2809	−16	6 75	271	02
28	1333	−06	4 80	143	01	1806	−09	7 80	166	03	2290	−13	2 80	177	03	2822	−17	0 80	182	02
29	1385	−06	5 85	176	01	1857	−10	0 84	000	00	2350	−13	5 83	000	00	2872	−17	1 82	286	03
30	1420	−06	4 81	246	01	1892	−09	8 81	254	03	2380	−13	1 80	268	04	2908	−16	7 80	264	04
MN	1405	−05	9 72	297	02	1880	−08	1 71	*		2378	−10	6 67	*		2906	−13	5 64	301	03

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1013	−06	6 55	290	04	0105	−07	2 54	316	04	0500	−06	5 67	005	04	0927	−06	4 41	002	03
02	1014	−07	1 69	300	02	0116	−07	0 67	300	02	0520	−06	0 58	304	02	0942	−04	9 98	307	03
03	1016	−04	3 82	090	02	0128	−04	7 76	030	02	0530	−04	6 75	350	03	0958	−05	4 74	005	05
04	1019	−03	3 86	300	06	0151	−05	4 75	304	05	0545	−07	7 78	342	02	0971	−07	8 81	350	02
05	1019	−04	6 79	280	13	0155	−04	8 75	300	09	0560	−05	1 65	001	03	0982	−07	2 62	039	04
06	1021	−01	4 78	360	01	0170	−04	6 70	359	02	0570	−05	9 77	350	04	0994	−05	8 81	020	04
07	1025	−01	6 86	110	03	0202	−02	4 84	136	04	0600	−04	0 80	174	02	1035	−04	4 83	225	01
08	1025	000	5 94	150	11	0202	−00	6 93	170	10	0620	−02	4 91	195	08	1038	−04	1 89	200	07
09	1020	001	4 84	120	06	0169	000	1 83	146	08	0580	−02	4 84	179	15	1008	−02	0 85	193	11
10	1017	000	8 89	170	13	0146	001	0 84	183	09	0550	−00	7 80	219	03	0987	−04	0 83	232	05
11	1019	000	8 94	290	03	0158	000	0 94	291	03	0565	−02	2 94	274	01	0995	−04	6 94	206	02
12	1021	001	2 79	120	02	0171	000	0 79	140	04	0580	−03	0 80	147	05	1006	−04	5 79	121	05
13	1016	003	4 75	000	00	0137	002	5 76	134	02	0550	−00	3 79	160	06	0982	001	1 76	190	04
14	1012	003	0 82	290	02	0106	003	4 78	315	02	0515	001	4 78	330	01	0954	−00	8 70	330	01
15	1014	002	3 71	300	04	0114	001	2 67	306	04	0520	−02	2 69	326	04	0951	−05	7 79	330	04
16	1013	000	8 71	270	03	0109	−01	2 65	290	03	0510	−04	1 60	336	02	0939	−07	6 67	316	03
17	1010	−00	1 74	270	05	0085	−00	7 74	290	04	0490	−03	2 74	351	04	0919	−05	7 74	020	03
18	1013	000	8 73	300	05	0113	000	3 74	293	04	0515	−02	0 78	241	02	0951	−04	7 77	227	01
19	1013	001	8 64	360	02	0113	001	0 64	346	01	0520	−01	7 63	301	01	0952	−04	5 62	300	01
20	1007	001	0 63	300	05	0066	000	9 63	309	05	0470	−00	9 62	010	05	0907	−03	8 66	051	03
21	1011	000	2 66	280	02	0092	−00	3 67	280	02	0500	−01	8 70	270	02	0931	−03	6 74	311	01
22	1009	−00	7 76	300	03	0081	−01	1 78	303	04	0490	−03	1 86	318	02	0916	−03	5 84	265	01
23	1011	001	0 66	270	02	0096	000	5 67	276	02	0500	−02	0 74	230	02	0935	−04	6 80	235	02
24	1011	001	9 66	300	02	0096	001	3 67	301	02	0500	−01	1 71	310	02	0936	−03	8 76	331	05
25	1012	001	7 86	300	02	0101	001	2 87	304	02	0500	−01	2 90	319	03	0941	−03	7 93	311	04
26	1004	000	7 81	300	08	0041	000	5 81	300	07	0460	−01	7 81	306	04	0880	−04	0 82	331	04
27	1003	−00	5 70	290	07	0027	−00	6 71	294	06	0430	−02	7 77	331	02	0863	−04	7 83	051	01
28	1007	002	1 71	330	01	0064	001	7 72	000	00	0475	−00	5 79	154	01	0906	−03	1 84	145	03
29	1014	002	8 82	150	01	0120	002	1 82	154	01	0525	−00	6 84	179	04	0962	−03	5 86	194	02
30	1017	002	3 66	270	01	0148	001	5 68	277	02	0550	−00	9 76	350	02	0984	−03	5 84	245	01
MN	1014	00	0 76	*		119	−00	7 75	*		525	−02	6 75	*		955	−04	4 77	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1376	−04	8 33	356	04	1854	−05	0 26	345	03	2360	−07	0 25	344	02	2894	−10	3 28	341	05
02	1389	−06	1 64	300	05	1865	−05	4 A15	291	03	2360	−07	9 A15	292	05	2901	−10	5 A16	287	08
03	1404	−08	5 75	331	05	1872	−11	8 84	334	06	2370	−11	6 68	357	05	2895	−13	9 49	356	05
04	1415	−08	3 66	352	04	1886	−09	5 68	013	06	2380	−12	6 66	012	06	2907	−14	3 A16	357	07
05	1427	−07	8 55	021	07	1898	−09	9 54	026	09	2400	−13	0 54	036	11	2916	−16	5 51	091	11
06	1440	−07	8 70	027	07	1911	−09	6 57	013	09	2400	−12	8 55	011	09	2934	−13	4 42	006	11
07	1484	−08	4 69	293	03	1958	−08	7 86	294	06	2455	−11	2 49	317	09	2983	−14	2 55	330	12
08	1488	−05	4 90	205	08	1963	−07	3 89	228	09	2460	−10	7 88	225	12	2990	−13	0 84	219	11
09	1464	−01	2 84	197	09	1947	−03	5 77	216	12	2460	−04	2 76	212	11	2999	−06	6 79	209	19
10	1436	−06	5 87	237	07	1909	−07	1 90	245	08	2410	−08	2 87	267	10	2946	−10	7 83	267	10
11	1443	−07	0 93	182	03	1915	−09	6 93	187	03	2415	−08	4 89	266	04	2949	−10	3 79	292	06
12	1457	−04	1 66	104	04	1937	−04	4 45	242	01	2445	−05	1 40	269	04	2986	−07	1 40	275	09
13	1440	−00	6 35	226	03	1924	−03	1 41	271	04	2435	−05	1 46	280	05	2973	−07	6 42	297	08
14	1410	−01	0 55	048	01	1892	−04	2 62	032	01	2395	−07	4 67	115	02	2934	−09	4 A18	200	01
15	1397	−06	5 76	309	04	1871	−07	3 35	312	06	2375	−08	5 31	306	07	2907	−10	6 A16	300	06
16	1382	−08	7 70	308	06	1853	−09	1 91	290	04	2350	−12	0 55	277	05	2877	−14	0 64	280	08
17	1365	−08	5 73	071	02	1834	−11	4 75	088	03	2325	−14	1 73	110	04	2847	−16	5 73	080	05
18	1398	−07	7 73	226	01	1868	−10	9 68	188	01	2360	−14	6 73	065	01	2881	−15	1 66	022	05
19	1399	−08	0 67	208	02	1867	−12	0 79	208	01	2360	−13	0 47	350	01	2883	−15	4 32	357	02
20	1356	−07	3 71	066	03	1827	−11	0 76	067	05	2320	−14	0 82	078	05	2841	−16	0 78	034	07
21	1380	−07	1 77	344	02	1851	−10	9 79	285	02	2340	−14	0 79	336	02	2865	−16	4 75	026	03
22	1365	−06	5 76	290	01	1838	−09	4 64	311	02	2320	−11	5 55	330	04	2862	−14	4 70	343	03
23	1383	−06	7 72	280	03	1857	−08	4 58	341	04	2360	−10	3 70	326	03	2885	−14	1 67	333	03
24	1385	−06	6 80	340	05	1858	−09	3 70	340	05	2350	−11	9 65	345	06	2879	−14	7 71	345	08
25	1391	−06	5 97	318	08	1864	−08	8 95	324	07	2360	−11	5 93	315	06	2889	−14	3 91	305	07
26	1329	−06	5 82	318	05	1802	−09	6 79	285	04	2300	−13	0 76	290	04	2819	−16	6 73	280	03
27	1311	−07	4 85	052	02	1782	−10	4 84	065	02	2280	−13	6 83	103	02	2796	−17	2 82	104	02
28	1356	−06	3 84	149	03	1829	−09	7 84	174	02	2310	−13	3 84	239	01	2844	−17	1 82	306	02
29	1412	−06	5 88	223	04	1885	−09	8 88	261	02	2360	−13	3 87	255	03	2900	−17	1 86	255	04
30	1433	−06	7 84	246	02	1905	−10	0 88	248	02	2400	−13	7 82	222	01	2919	−17	5 81	228	01
MN	1404	−06	3 73	303	01	1877	−08	6 67	*		2375	−10	9 65	*		2903	−13	5 59	311	03

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

EUREKA, N.W.T.

JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	4083	-19	40	222	02	5415	-27	47	214	06	6991	-37	49	233	12	8922	-50		247	10
02	4071	-18	39	292	10	5411	-26	52	267	10	6990	-37	58	260	14	8915	-52	5	245	14
03	4073	-18	33	292	12	5409	-27	59	285	17	6983	-37	60	281	18	8914	-49	7	279	14
04	4079	-19	33	356	07	5403	-30	57	350	11	6951	-42		343	14	8851	-49	4	348	14
05	4058	-21	46	358	14	5387	-28	29	358	14	6951	-39	A22	359	16	8861	-50	4	360	20
06	4065	-23	71	348	13	5375	-32	72	346	19	6910	-44		347	27	8820	-45	0	345	23
07	4118	-21	77	314	15	5434	-31	62	310	20	6979	-39	40	329	33	8907	-47	8	325	29
08	4164	-20	86	304	12	5491	-27	71	312	15	7064	-37	55	317	28	8997	-50	1	317	37
09	4182	-13	89	276	16	5547	-22	76	262	18	7146	-35	66	267	22	9092	-50	4	288	28
10	4172	-14	80	209	10	5538	-20	72	227	20	7151	-32	62	225	23	9122	-46	6	229	31
11	4121	-17	40	280	12	5472	-24	A18	292	19	7062	-35	A21	296	16	8997	-51	5	295	17
12	4146	-15	A17	300	09	5499	-24	A18	301	14	7094	-33	A20	296	24	9054	-47	6	287	31
13	4165	-13	31	266	10	5536	-20	A18	270	12	7141	-34	A21	275	16	9096	-48	1	278	23
14	4139	-14	74	245	07	5487	-24	73	232	06	7073	-36	68	208	09	9003	-50	2	191	06
15	4098	-18	76	288	04	5433	-27	69	297	03	7003	-38	64	109	03	8950	-45	2	251	02
16	4072	-20	A17	297	09	5399	-29	55	275	08	6954	-41		273	11	8870	-45	0	265	13
17	3984	-22	77	149	04	5296	-33	60	147	12	6832	-42		153	15	8777	-39	6	250	03
18	4013	-22	28	025	07	5327	-31	64	022	11	6870	-42		023	09	8785	-44	8	016	07
19	4047	-21	51	005	03	5365	-30	55	342	07	6916	-41		338	09	8835	-46	0	339	04
20	4008	-21	38	015	04	5329	-30	47	015	04	6880	-41		033	02	8791	-46	2	352	03
21	4006	-20	53	062	05	5326	-30	A20	070	06	6869	-43		028	10	8782	-44	8	010	09
22	4012	-22	64	-		5332	-29	43	004	07	6881	-42		031	08	8772	-47	8	030	08
23	4025	-20	65	357	05	5349	-29	30	335	03	6909	-40		291	04	8814	-51	0	005	03
24	4025	-22	73	321	04	5340	-31	39	321	05	6884	-42		294	06	8786	-48	1	310	06
25	4045	-22	78	332	09	5363	-31	63	328	10	6906	-42		319	09	8801	-50	2	334	09
26	4003	-21	66	314	10	5323	-30	54	304	12	6875	-41		-		8785			-	
27	3951	-23	77	340	03	5265	-31	71	011	02	6804	-43		059	04	8730	-40	6	351	05
28	3961	-24	79	107	02															
29	4010	-25	80	310	03	5308	-34	75			6830	-45				8757	-40			
30	4048	-24	78	241	04	5349	-34	77	301	03	6873	-45		305	05	8796	-40		304	03
MN	4065	-20	58	*		5397	-28	53	*303	07	6958	-39	47	*307	08	8881	-47		*307	10

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	4064	-17	36	334	02	5405	-26	45	275	07	6985	-36	41	259	08	8919	-50	6	255	10
02	4071	-18	33	280	12	5406	-27	57	275	17	6981	-37	55	272	15	8909	-51	9	286	18
03	4050	-21	59	329	06	5368	-31	61	279	09	6920	-39	A22	273	18	8856	-46	7	286	15
04	4062	-20	50	345	08	5391	-28	38	357	09	6950	-41		356	12	8850	-51	9	006	18
05	4063	-22	68	003	13	5383	-29	57	351	14	6944	-38	55	340	19	8868	-51	1	342	22
06	4089	-21	60	005	16	5413	-29	55	007	18	6969	-40		012	19	8871	-50	5	005	21
07	4141	-20	A17	334	14	5471	-28	A19	327	15	7034	-40	64	321	21	8950	-49	8	325	27
08	4152	-18	76	230	11	5501	-22	75	300	16	7098	-35	68	296	22	9041	-49	2	298	28
09	4191	-12	73	216	13	5558	-21	70	234	12	7169	-31	38	267	20	9142	-47	2	279	26
10	4116	-18	82	260	11	5451	-28	70	245	14	7010	-41		256	08	8967	-40	8	224	12
11	4119	-18	36	294	12	5456	-27	A19	282	18	7022	-39	A22	279	17	8955	-45	6	285	17
12	4172	-14	32	282	07	5532	-23	A18	281	08	7132	-34	30	279	15	9085	-47	7	284	19
13	4163	-13	43	249	08	5526	-22	27			7135	-32	41			9094	-49	0		
14	4110	-16	A17	224	01	5455	-25	45	204	06	7036	-37	62	220	08	8967	-50	7	214	09
15	4077	-18	36	308	08	5414	-27	43	317	06	6988	-38	34	309	08	8912	-50	6	309	09
16	4031	-21	70	278	08	5351	-30	69	264	10	6903	-42		269	15	8808	-45	8	276	12
17	3993	-21	73	061	10	5310	-31	69	054	11	6850	-43		078	15	8776	-41	1	051	08
18	4032	-21	71	015	06	5353	-30	68	021	08	6904	-41		007	11	8825	-45	5	007	05
19	4033	-22	42	010	05	5351	-30	43	029	04	6898	-42		046	04	8808	-46	1	346	05
20	3991	-21	72	025	06	5314	-30	66	012	09	6864	-42		358	09	8780	-45	4	007	07
21	4013	-22	77	023	08	5328	-31	62	018	07	6868	-43		018	12	8773	-46	6	016	08
22	4017	-20	57	348	05	5343	-29	52	340	05	6895	-41		327	03	8786	-51	9	040	04
23	4035	-23	75	349	06	5351	-30	78	347	04	6900	-41		013	04	8801	-51	4	010	03
24	4030	-22	70	345	08	5347	-31	65	345	12	6894	-42		346	10	8790	-49	4	343	09
25	4038	-22	67	338	11	5355	-30	56	325	14	6906	-41		334	12	8808	-48	4	327	14
26	3964	-22	70	302	06	5281	-31	64	295	02	6822	-42		268	03	8758	-40	1	315	04
27	3939	-23	79	195	01	5259	-31	77	052	01	6796	-42		120	03	8723	-40	0	055	03
28	3982	-24	83	020	02	5287	-33	78	070	04	6821	-44		026	08					
29	4038	-25	83	221	04	5342	-33	76	321	02	6867	-45		353	05	8793	-40	9	036	03
30	4054	-26	78	235	02	5352	-34	70	346	02	6882	-44		006	04	8801	-40	7	019	04
MN	4061	-20	59	*		5388	-28	56	*316	06	6948	-40	44	*315	07	8876	-47		*312	08

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

00 GMT. — CONSTANT PRESSURE DATA

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11562	-45	0		146	04	13497	-43	5		121	07	16236	-41	5	095	11	18644	-42	7	121	13
02	11561	-45	0		294	03	13490	-43	6		150	02	16225	-43	4	115	03	18635	-41	7	121	03
03	11580	-44	1		309	02	13519	-42	8		000	00	16257	-42	6	139	01	18669	-42	0	121	03
04	11562	-42	6		004	04	13511	-41	8		001	04	16256	-42	4	099	01	18664	-42	5	076	02
05	11563	-43	0		356	12	13508	-41	5		358	05	16254	-43	1	030	03	18664	-42	0	047	02
06	11557	-41	5		353	11	13504	-42	4		360	05	16247	-43	1	003	04	18654	-41	9	062	03
07	11617	-43	3		345	09	13554	-43	3		343	07	16285	-43	2	340	01	18690	-42	8	350	01
08	11668	-44	1		319	13	13601	-43	7		333	06	16325	-43	7	315	02	18727	-42	5	047	02
09	11740	-46	0		286	11	13666	-44	1		283	06	16391	-43	5	295	04	18794	-42	8	110	03
10	11768	-46	5		236	13	13683	-45	3		275	03	16396	-44	3	280	06	18790	-43	7	301	04
11	11704	-42	9		282	12	13644	-43	4		277	08	16374	-44	5	288	06	18770	-43	3	296	05
12	11737	-44	3		286	12	13670	-44	0		276	07	16404	-43	1	286	03	18803	-42	6	310	02
13	11753	-45	5		275	09	13682	-44	0		266	05	16403	-45	0	250	02	18804	-41	9	279	02
14	11691	-43	0		242	06	13627	-43	8		269	04	16349	-43	7	266	03	18759	-42	0	298	03
15	11677	-40	0		284	06	13632	-41	8		297	07	16375	-42	7	295	03	18788	-42	3	300	04
16	11629	-39	7		295	08	13586	-42	1		303	06	16341	-41	0	306	04	18755	-42	0	347	04
17	11564	-38	5		328	05	13535	-40	1		336	05	16300	-40	3	014	04	18727	-41	0	018	03
18	11540	-39	8		008	05	13505	-40	6		356	04	16260	-41	0	015	05	18678	-41	6	028	05
19	11578	-40	4		355	03	13537	-41	6		346	04	16287	-41	0	003	03	18712	-39	7	020	04
20	11550	-39	5		335	03	13511	-41	4		334	03	16271	-40	5			18705	-40	7		
21	11541	-39	5		004	04	13503	-40	7		347	03	16261	-41	2	329	03	18686	-40	5	354	02
22	11519	-39	7		353	03	13480	-41	2		345	03	16236	-41	2	273	01	18670	-39	9	044	02
23	11546	-40	0		284	03	13512	-40	0		340	03	16275	-40	0	298	03	18721	-38	8	240	01
24	11538	-39	6		290	04	13506	-40	4		295	05	16272	-39	0	311	02	18717	-39	3	283	01
25	11534	-40	0		321	08	13493	-41	7		305	06	16246	-41	1	320	03	18673	-40	8	295	03
26	11544	-38	8		-		13514	-39	9		309	07	16277	-40	4	313	04	18713	-39	9	315	04
27	11529	-37	8		314	03	13509	-39	2		334	03	16282	-39	6	020	03	18728	-39	2	008	02
28																						
29	11557	-36	9				13540	-39	8				16312	-39	2			18757	-39	7		
30	11597	-37	0		341	02	13580	-39	0		280	01	16358	-39	0	247	03	18809	-39	1	221	02
MN	11604	-41	5		*310	05	13555	-42	0		*311	03	16302	-41	9	*325	02	18721	-41	3	*	

12 GMT. — CONSTANT PRESSURE DATA

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11563	-44	9	000	00	13493	-43	8	107	04	16227	-43	2	103	05	18629	-42	7	116	06
02	11555	-44	9	300	01	13491	-42	8	136	02	16231	-42	7	100	04	18647	-42	0	106	06
03	11567	-44	0	342	05	13511	-42	8	000	00	16258	-42	0	144	02	18674	-42	2	088	04
04	11543	-43	6	014	09	13488	-42	0	360	04	16228	-42	9	074	03	18635	-41	5	068	03
05	11568	-42	6	356	10	13512	-42	4	006	07	16258	-42	0	061	04	18668	-42	4	042	05
06	11586	-42	3	001	10	13531	-41	9	355	05	16276	-42	6	018	03	18688	-41	7	084	03
07	11649	-43	6	333	12	13586	-43	8	342	07	16318	-43	3	360	03	18727	-42	0	-	
08	11689	-45	1	301	12	13620	-43	4	299	07	16345	-43	3	315	02	18750	-42	0	085	02
09	11782	-49	4	261	14	13693	-45	5	268	08	16410	-41	9	302	04	18810	-43	3	000	00
10	11727	-41	0	242	10	13662	-46	4	268	06	16376	-43	9	290	04	18776	-42	6	301	02
11	11680	-42	7	290	12	13621	-42	6	301	04	16344	-43	3	297	04	18743	-43	2	000	00
12	11745	-45	1	278	09	13675	-44	0	279	05	16394	-44	6	287	03	18793	-42	9	200	01
13	11741	-45	0			13668	-44	0			16400	-43	4			18808	-42	8		
14	11674	-41	4	270	04	13621	-41	5	295	04	16360	-42	8	282	03	18771	-41	9	344	02
15	11637	-41	6	285	09	13591	-41	0	284	06	16331	-41	9			18747	-41	8		
16	11566	-40	5	321	05	13527	-41	6	314	04	16286	-40	8	010	04	18706	-41	6	020	03
17	11560	-38	6	016	05	13531	-39	9	008	03	16297	-40	4	025	04	18722	-41	1	031	03
18	11574	-39	5	015	04	13540	-40	8	002	03	16299	-40	9	016	04	18727	-40	8	029	04
19	11549	-40	8	353	03	13506	-41	1	355	03	16259	-41	7	005	04	18676	-41	4	040	04
20	11529	-40	2	006	04	13489	-40	7	017	03	16246	-41	3	009	02	18672	-40	8	031	02
21	11528	-39	7	357	06	13486	-41	3	001	03	16238	-41	4	007	03	18670	-39	9	049	02
22	11511	-40	0	350	02	13472	-40	7	331	03	16232	-39	8	321	01	18672	-40	4	240	01
23	11531	-39	7	304	02	13495	-40	8	294	02	16256	-40	6	333	02	18692	-39	5	344	02
24	11534	-39	6	318	05	13501	-40	6	301	04	16262	-39	3	335	02	18701	-39	4	000	00
25	11561	-38	8	326	07	13526	-40	8	325	06	16282	-40	7	343	03	18718	-39	6	332	04
26	11557	-36	9	316	02	13537	-39	7	324	03	16312	-40	0	326	03	18791	-40	0	033	02
27	11526	-36	5	050	03	13510	-38	9	049	03										
28																				
29	11597	-36	7	087	02	13583	-39	3	072	01	16361	-38	6	210	03	18810	-39	1	163	04
30	11597	-37	3	359	05	13576	-39	4	323	03	16353	-39	3	252	02	18798	-39	4	335	01
MN	11601	-41	4	*321	05	13553	-41	8	*321	03	16301	-41	7	*353	02	18721	-41	4	*	

EUREKA, N.W.T.
JUNE 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72917	80°00'N	85°56'W	7 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20914	-43.0		123	13	24380	-41.6		118	11	27146	-38.4		121	06					
02	20917	-42.7		131	05	24381	-41.9		118	05	27142	-39.7		101	06					
03	20952	-41.1		070	03	24432	-40.6		111	03	27210	-37.2								
04	20949	-40.7		098	03	24433	-40.1		088	02										
05	20949	-40.9		083	04	24425														
06	20933	-40.8		057	01	24397	-42.1		067	03	27179	-38.2		073	05					
07	20964	-42.2		046	01	24425	-41.0		110	01	27193	-39.2		102	05					
08	21000	-42.3		060	02	24462	-41.1													
09	21063	-42.5		000	00	24524	-41.5		080	03	27289	-39.2		080	05					
10	21062	-42.0		002	01	24532	-40.9		065	03	27301	-39.0		049	03					
11	21045	-40.9		006	03	24511	-42.0		062	03	27265	-39.6								
12	21093																			
13	21083	-41.0		315	04	24562	-40.6		066	05	27333	-39.0		121	06					
14	21042	-41.3		346	02	24516	-41.5		025	02	27286	-39.0		087	04					
15	21071	-40.7		010	04	24554	-38.7		026	03	27341	-37.4		083	04					
16	21041	-41.1		009	04	24529	-39.9		043	05	27316	-37.8		069	06					
17	21021	-40.1		026	05	24514	-39.1		046	06										
18	20970	-40.8		040	04	24449	-40.0		060	05	27229	-37.9		044	06					
19	21005	-40.6		017	05	24488	-40.1		065	06	27275	-37.9		047	05					
20	20998	-40.0				24494	-39.2				27284	-36.4								
21	20980	-40.0		042	04	24479														
22	20965	-40.9		075	02	24453	-38.7		080	04	27259	-35.0		131	05					
23	21029	-39.5		137	03	24534	-39.0				27347	-35.2								
24	21027	-38.4		181	02	24536														
25	20965	-40.3		354	02	24451	-39.8		042	02	27246	-37.5		075	04					
26	21016	-39.3		050	02	24511	-39.5		008	04	27285	-38.3		065	03	32102	-34.5		352	04
27	21032	-39.6		066	02	24527	-39.0		076	03	27330	-36.6		110	05					
28																				
29	21066	-38.9				24569	-37.5				27374	-36.5								
30	21111	-39.7		202	02	24617	-38.4		161	02	27423	-35.5		087	03					
MN	21009	-40.8		*59	02	24489	-40.2		*73	03	27275	-37.8		*		32102	-34.5		*	

00 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00904	03	8 17	0					1	09.70	265	-55.5	318	0					9	20.39	054	099	14
02	00904	03	3 03	0					1	09.42	276	-55.2	315	0					9	07.05	395	261	14
03	00901	02	3 02	0					2	09.38	279	-51.5	319	0					9	08.05	342	278	19
04	00902	02	2 04	0					1	08.40	321	-52.0	306	0					9	08.10	336	348	22
05	853--	02	7 05	0					1	08.57	314	-51.5	308	0					9	07.67	360	358	22
06	15401	02	4 00	0					2	07.30	378	-47.1	298	0					9	07.36	373	346	30
07	854--	02	2 09	0					1	08.75	307	-48.2	316	0					9	07.35	379	329	35
08	854--	02	8 03	1	0.27	993	0.27	993	1	09.73	267	-52.5	322	0					9	08.95	302	316	38
09	853--	02	8 08	1	0.30	985	0.30	985	1	09.70	272	-55.9	315	0					9	08.59	324	294	32
10	863--	56	7 02	2	0.27	985	1.32	868	1	10.14	256	-55.0	322	0					9	09.80	270	232	38
11	855--	02	4 00	1	0.31	980	0.31	980	1	09.05	298	-51.6	313	0					9	09.50	278	286	20
12	25400	02	2 02	1	0.31	980	0.31	980	1	09.62	274	-50.3	323	0					8	09.50	280	292	34
13	20850	02	8 09	1	0.32	980	0.32	980	1	09.78	269	-53.0	320	0					9	09.08	301	278	25
14	15690	02	8 07	1	1.34	859	1.34	859	2	08.90	304	-50.2	314	0					9	10.70	232	230	11
15	853--	61	2 05	1	0.69	950	0.69	950	1	08.11	339	-47.6	307	0					9	18.39	074	302	08
16	45570	02	2 05	1	0.11	001	0.11	001	2	07.94	345	-47.8	306	0					9	09.10	290	274	14
17	86400	22	6 05	1	0.12	995	0.12	995	1	07.20	378	-44.0	303	0					9	06.90	396	152	15
18	15651	03	2 03	1	0.33	971	0.33	971	1	07.79	349	-48.6	304	0					9	05.62	479	024	12
19	13540	15	4 00	1	0.45	959	0.45	959	1	07.93	344	-47.2	307	0					9	06.48	426	341	12
20	13630	02	7 09	1	0.31	971	0.31	971	1	08.30	322	-49.0	310	0					7	04.16	586	020	05
21	12650	03	2 04	1	0.46	954	0.46	954	1	08.02	336	-47.9	308	0					9	07.20	381	017	12
22	12501	02	7 04	1	0.25	979	0.25	979	1	08.12	332	-52.6	302	0					9	08.34	321	043	12
23	12650	03	2 06	1	0.24	980	0.24	980	1	08.32	324	-51.3	307	0					9	02.98	691	357	08
24	22650	02	4 00	1	0.50	950	0.50	950	1	08.36	320	-51.2	308	0					9	04.28	578	325	06
25	12670	03	2 02	1	0.58	942	0.58	942	1	08.50	313	-51.9	308	0					9	04.51	562	329	12
26	854--	02	7 12	1	0.44	956	0.44	956	9					0					9	03.22	667	311	14
27	25448	03	2 08	1	0.27	971	0.27	971	1	07.42	365	-47.3	302	0					1	28.88	016	063	08
28	42509	21	2 04	1	0.41	953	0.41	953	0					0					2	00.30	967	333	04
29	52452	61	2 10	1	0.51	949	0.51	949	1	07.33	371	-47.0	300	0					2	00.01	010	130	06
30	73502	15	2 01	1	0.50	955	0.50	955	1	07.40	370	-47.7	300	0					9	06.76	407	305	06
MEAN										08.54	317	-50.4	310										

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20905	-41.8		128	07	24376	-40.7		123	06	27148	-37.8		135	11					
02	20923	-42.3		133	05	24397	-39.8		113	06	27180	-38.0		107	06					
03	20955	-40.9		149	03	24434	-39.6		095	04	27217	-39.1		092	04					
04	20915	-41.5		104	04	24396	-40.8		078	06	27162	-39.4		059	08					
05	20948	-41.6		056	04	24426	-40.2		052	08	27199	-38.3		114	03					
06	20968	-42.0		070	04	24437	-40.1		098	05	27208	-39.6		093	04					
07	21004	-41.6		-		24476	-40.0		091	06	27249	-39.9		100	03					
08	21029	-42.1		064	01	24498	-41.0		093	05										
09	21086	-41.8		314	02	24551	-40.6		060	05	27322	-39.0		104	04					
10	21051	-42.4		022	02	24521	-41.0		038	02	27282	-39.8								
11	21023	-41.3		000	00	24491	-41.0		074	04	27255	-39.5		094	06					
12	21071	-41.3		006	02	24546	-41.1		065	04	27317	-38.4		106	05					
13	21085	-40.8				24568	-39.8													
14	21054	-41.0		011	03	24540	-40.2		038	04	27316	-37.8		115	05					
15	21034	-40.5				24516	-40.4													
16	20990	-41.2		036	06	24468	-40.1		035	03	27246	-37.5		087	06					
17	21013	-40.4		069	07	24506	-38.9		066	07	27299	-37.8		084	06					
18	21019	-40.3		042	05	24511	-38.2		055	06	27304	-37.4		070	07					
19	20968	-40.6		016	05	24445	-38.3		059	06	27239	-37.3		076	07					
20	20965	-40.2		006	05	24452	-39.6		098	06	27243	-36.3		091	06					
21	20966	-40.6		080	03	24454	-39.0		082	05	27252	-36.2		075	10					
22	20968	-40.0		131	01	24463	-39.0		108	02	27272	-35.6		104	03					
23	20997	-40.0		130	02	24488	-37.8		115	03	27307	-35.2		153	04					
24	21008	-39.3		198	02	24508	-38.3		132	03										
25	21020	-39.8		064	03	24513	-39.3		059	03	27309	-36.7		083	06					
26	21050	-39.6		067	04	24551	-37.3		114	05										
27																				
28																				
29	21114	-39.4		132	05	24620	-38.4		063	04	27432	-35.5		123	05					
30	21101	-38.5		050	01	24615	-38.2		061	02	27418	-36.6		075	04					
MN	21008	-40.8		*66	02	24492	-39.6		*79	04	27269	-37.8		*					*	

12 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	7 05	0					1	10.18	247	-56.7	323	0					9	08.68	311	253	11
02	00901	02	2 04	0					1	09.20	286	-54.0	313	0					9	08.46	322	277	18
03	25350	22	2 05	0					2	08.60	311	-46.4	317	0					9	07.58	363	270	23
04	75500	03	2 04	0					1	08.73	305	-52.4	310	0					9	08.85	300	006	18
05	16408	01	1 01	0					1	08.80	303	-51.2	313	0					9	08.81	302	343	22
06	55500	02	2 09	0					2	08.26	330	-50.7	306	0					9	08.79	304	005	22
07	15574	03	2 06	0					2	08.82	305	-49.8	314	0					9	08.50	321	322	28
08	854--	71	7 06	1	0.09	016	0.09	016	1	10.00	259	-55.9	320	0					9	09.09	297	299	28
09	37320	23	4 00	1	0.18	999	0.18	999	1	10.35	249	-55.5	324	0					9	10.00	263	281	32
10	855--	03	4 00	1	0.47	960	0.47	960	1	07.16	392	-42.0	303	1	13.66	150	-46.4	390	9	05.32	509	246	14
11	873--	51	2 04	1	0.16	000	0.16	000	1	07.80	357	-45.0	307	0					9	07.69	365	279	26
12	35500	02	2 02	1	0.17	000	0.17	000	2	09.84	266	-52.8	322	0					9	09.65	274	283	21
13	15654	03	7 07	2	0.49	957	1.25	871	1	09.98	261	-55.1	320	0					2	04.64	562	249	10
14	15689	03	7 03	1	0.74	925	0.74	925	2	09.00	299	-50.8	314	0					9	08.56	319	198	11
15	65401	02	2 04	1	0.25	984	0.25	984	1	08.95	299	-50.7	314	0					7	08.12	338	301	13
16	35546	03	7 13	1	0.05	007	0.05	007	1	08.16	332	-50.9	305	0					9	07.37	374	277	15
17	00907	02	2 07	0					1	07.86	344	-47.0	307	0					9	07.12	385	078	17
18	20870	02	2 03	1	0.17	994	0.17	994	1	07.80	350	-46.7	306	0					9	06.66	415	008	12
19	25570	02	4 00	1	0.27	980	0.27	980	1	07.91	345	-49.2	304	0					9	27.52	019	076	08
20	855--	02	7 08	1	0.25	977	0.25	977	1	07.97	340	-48.2	306	0					9	05.63	478	011	13
21	60870	02	2 01	1	0.03	007	0.03	007	1	07.84	345	-49.2	304	0					9	08.39	319	024	16
22	65500	02	7 01	0					1	08.36	321	-53.3	305	0					9	05.52	487	344	06
23	855--	02	2 03	1	0.16	990	0.16	990	1	08.38	320	-51.5	307	0					9	26.00	024	123	07
24	20870	02	3 03	1	0.31	973	0.31	973	1	08.10	334	-51.2	304	0					9	05.11	516	345	12
25	864--	71	4 00	1	0.30	975	0.30	975	1	08.09	335	-50.6	304	0					9	07.86	346	335	17
26	853--	71	7 06	1	0.15	987	0.15	987	1	07.58	358	-47.0	304	0					9	00.01	004	300	08
27	75400	02	2 02	0					1	07.58	356	-48.0	303	0					7	00.01	003	290	07
28	65400	02	2 09	1	0.39	960	0.39	960	6	07.19	378	-46.8	299	0					1	07.42	366	052	09
29	56371	02	2 07	1	0.45	960	0.45	960	1	07.43	367	-47.2	301	0					9	25.70	026	023	07
30	26490	02	4 00	1	0.40	969	0.40	969	2	07.40	370	-48.5	298	0					9	08.56	310	018	05
MEAN										08.44	322	-50.1	309		13.66	150	-46.4	390					

A Statistical Value for Relative Humidity
* Vector Mean Wind
\- Entered under Wind Direction indicates a Stratum of Missing Wind Data

ISACHSEN, N.W.T.

JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1018	-31 3	66	135	03	0158	-32 2	63	143	04	0525	-28 9	68	186	08	0911	-26 8	79	196	08
02	1024	-34 2	51	000	00	0197	-31 8	55	187	02	0565	-29 2	64	158	03	0950	-27 7	71	180	03
03	1031	-35 3	60	090	02	0243	-30 9	61	118	07	0610	-24 0	62	114	09	1006	-26 3	61	112	09
04	1018	-36 3	59	360	05	0156	-33 1	59	060	05	0530	-25 5	63	170	03	0917	-25 7	59	240	03
05	1015	-34 9	61	315	07	0136	-33 6	65	317	07	0500	-30 2	73	326	08	0884	-29 7	75	329	11
06	1025	-35 9	59	150	03	0203	-35 0	56	184	05	0570	-28 6	63	218	07	0956	-28 2	67	235	05
07	1021	-40 2		000	00	0172	-31 7		313	02	0540	-26 9	62	320	04	0929	-26 5	66	320	04
08	1022	-41 3		000	00	0184	-31 6	56	355	02	0560	-26 3	62	343	06	0944	-25 6	58	335	06
09	1024	-35 6	71	360	07	0193	-32 0	68	360	09	0565	-28 2	69	001	13	0948	-26 2	68	357	12
10	1018	-36 1	59	320	11	0155	-33 6	60	334	14	0510	-27 7	59	353	22	0912	-24 5	60	005	13
11	1021	-41 7		360	08	0179	-32 8	55	349	09	0540	-29 7	55	344	11	0930	-27 8	58	357	09
12	1023	-42 4		000	00	0187	-34 5	47	000	00	0565	-31 2	59	000	00	0934	-29 5	64	000	00
13	1017	-39 7		340	13	0146	-35 3	81	347	14	0525	-26 3	78	358	16	0905	-25 0	77	359	14
14	1003	-33 2	72	360	35	0051	-33 3	71	360	35	0415	-22 5	76	004	31	0813	-19 3	79	006	29
15	1005	-30 9	66	010	10	0065	-31 2	67	009	09	0430	-23 8	74	270	04	0807	-30 0	72	212	03
16	0997	-36 1	47	340	16	0010					0375	-38 1	53	347	20	0798	-37 0	61	357	20
17	1008	-34 4	51	340	16	0084	-34 7	52	340	16	0450	-31 5	60	356	22	0832	-26 7	65	004	22
18	1020	-38 2		360	16	0163	-36 5	65	002	14	0510	-33 1	64	005	10	0903	-33 8	64	012	10
19	1022	-40 5		090	03	0182	-36 0	48	089	03	0540	-36 5	56	080	05	0916	-32 4	61	062	06
20	1030	-44 2		000	00	0231	-36 8	33	170	02	0595	-35 6	42	176	03	0964	-34 3	52	203	02
21	1037	-40 3		070	02	0284	-31 7	51	024	06	0660	-28 2	53	015	05	1040	-28 7	45	030	06
22	1038	-33 8	62	360	24	0293	-28 1	67	002	23	0665	-23 8	63	008	25	1061	-23 7	56	013	20
23	1028	-32 3	64	310	11	0222	-31 4	72	301	11	0590	-26 9	83	295	11	0982	-22 5	85	292	15
24	1013	-37 4		340	13	0116	-37 2	44	345	13	0480	-31 1	58	356	13	0862	-27 9	62	351	09
25	1013	-33 3	63	360	22	0117	-30 7	63	001	22	0505	-18 3	70	008	22	0898	-17 5	74	014	21
26	1010	-33 7	53	350	06	0098	-33 7	53	350	07	0460	-26 3	65	348	13	0855	-23 8	76	345	16
27	1003	-31 2	74	010	08	0048	-30 4	73	010	08	0420	-23 1	69	020	12	0816	-22 5	68	014	13
28	1014	-34 9	71	270	04	0124	-33 7	63	253	09	0500	-23 6	56	200	08	0889	-22 1	56	313	16
29	0997	-29 4	69	350	02	0010					0380	-26 5	71	346	04	0769	-27 3	75	310	02
30	1007	-42 7		000	00	0079	-42 3		-		0430	-39 2		-		0803	-34 7	53	-	
31	0999	-35 4	50	320	06	0022					0390	-30 3	55	360	09	0773	-22 3	45	002	08
MN	1017	-36 3	61	*		145	-33 4	60	*		513	-28 7	64	*		898	-27 0	65	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1323	-27 0	76	191	07	1760	-28 6	78	185	06	2225	-31 0	81	202	08	2707	-33 4	80	211	08
02	1362	-25 9	69	215	03	1803	-25 9	64	240	05	2270	-28 4	54	246	10	2760	-30 6	60	252	12
03	1419	-26 6	65	112	10	1858	-25 4	58	123	12	2320	-28 2	54	129	12	2816	-31 5	52	130	13
04	1351	-25 9	55	325	06	1770	-26 8	38	016	09	2230	-29 1	35	034	15	2729	-32 4	45	050	15
05	1292	-29 4	76	331	11	1725	-31 0	75	332	11	2195	-32 8	74	327	12	2685	-35 2	73	325	12
06	1964	-28 7	70	244	06	1799	-29 3	74	260	07	2260	-31 9	75	266	11	2742	-34 8	76	275	09
07	1342	-26 9	66	313	06	1779	-28 8	62	316	06	2240	-31 6	60	315	07	2729	-34 6	58	316	08
08	1357	-26 3	50	328	05	1795	-28 0	42	316	06	2260	-30 4	34	310	06	2744	-33 2	33	305	05
09	1361	-26 1	62	349	08	1799	-26 2	50	336	05	2265	-27 9	35	296	01	2757	-30 0	A20	259	03
10	1326	-26 3	53	005	10	1764	-26 6	45	360	08	2230	-26 7	36	350	01	2727	-28 4	29	292	02
11	1340	-28 4	47	333	07	1775	-29 3	35	332	06	2240	-30 4	A20	306	04	2724	-31 9	A20	274	04
12	1342	-29 6	59	240	01	1775	-29 8	55	236	02	2240	-30 7	53	226	03	2722	-32 1	50	218	03
13	1321	-24 5	73	359	14	1763	-24 7	70	357	11	2240	-26 1	68	010	06	2730	-27 3	64	034	03
14	1239	-18 7	79	010	24	1692	-18 0	79	009	25	2190	-15 7	77	014	12	2696	-16 7	76	071	04
15	1215	-27 6	75	199	06	1651	-28 3	77	163	07	2130	-24 8	78	117	05	2617	-25 7	80	094	06
16	1134	-34 1	66	357	14	1566	-28 7	73	348	13	2035	-25 1	75	345	13	2530	-25 0	68	348	10
17	1243	-28 7	67	007	21	1676	-30 8	68	008	19	2145	-32 7	69	001	20	2617	-33 5	69	353	22
18	1302	-34 6	64	010	13	1728	-32 4	68	003	18	2190	-31 7	68	360	18	2672	-31 7	66	359	20
19	1319	-33 4	61	053	06	1744	-34 5	60	048	05	2200	-34 0	61	031	07	2679	-34 1	57	019	07
20	1365	-34 1	60	213	01	1789	-34 8	65	217	02	2250	-35 6	71	213	02	2717	-37 7	72	244	02
21	1451	-27 3	37	040	06	1888	-28 6	36	068	05	2350	-31 3	35	092	06	2834	-34 1	34	108	06
22	1478	-24 7	48	013	18	1919	-25 8	39	008	17	2380	-27 0	30	005	13	2881	-29 5	A20	015	13
23	1403	-20 6	89	294	14	1852	-21 1	88	304	10	2330	-21 8	86	320	10	2836	-23 2	84	339	09
24	1274	-26 3	61	347	08	1713	-26 8	56	016	06	2195	-28 3	48	034	06	2671	-29 4	34	055	06
25	1326	-16 8	76	015	18	1781	-18 4	45	010	20	2270	-20 6	26	005	22	2768	-23 3	27	006	21
26	1273	-23 0	77	342	16	1718	-23 3	75	345	15	2195	-24 8	71	346	16	2688	-27 4	69	346	15
27	1236	-21 8	67	004	11	1682	-23 3	69	358	09	2160	-25 0	71	354	09	2651	-28 2	72	353	10
28	1308	-23 8	48	324	20	1751	-24 3	43	315	12	2230	-23 9	54	304	13	2724	-25 8	64	300	19
29	1181	-26 9	76	310	04	1619	-28 1	73	298	04	2080	-29 7	69	302	06	2571	-30 9	66	300	08
30	1201	-35 8	56	-		1622	-36 9	59	-		2070	-38 1	63	-		2541	-39 5	66	-	
31	1193	-22 7	35	001	09	1637	-24 1	A18	010	08	2110	-25 9	A19	031	06	2604	-28 4	A19	057	07
MN	1310	-26 9	63	348	08	1748	-27 4	59	*		2217	-28 4	56	*		2704	-30 3	55	352	05

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1021	-32 6	55	080	05	0176	-30 4	66	099	06	0540	-27 4	72	146	08	0931	-27 4	76	151	05
02	1029	-34 8	61	000	00	0230	-31 4	62	139	04	0600	-28 2	68	148	06	0987	-25 6	74	160	07
03	1026	-29 3	69	350	04	0212	-26 7	63	040	03	0590	-26 0	63	066	05	0975	-24 5	64	065	03
04	1012	-35 9	47	020	05	0112	-36 3	56	018	06	0480	-27 3	61	007	09	0865	-27 1	60	006	10
05	1023	-38 2		150	01	0189	-33 1	54	185	03	0560	-30 2	62	243	07	0937	-29 9	67	248	08
06	1023	-38 9		000	00	0190	-33 4		188	01	0550	-29 0	60	202	03	0942	-28 0	66	230	03
07	1020	-39 6		000	00	0167	-31 6	48	360	01	0525	-26 8	63	343	02	0924	-26 0	62	332	05
08	1024	-35 5	60	360	08	0197	-30 5	67	002	08	0570	-27 2	69	004	08	0956	-25 0	68	360	08
09	1022	-35 5	60	360	11	0183	-30 2	76	359	13	0545	-27 5	74	359	13	0939	-27 2	74	003	12
10	1020	-38 8		330	08	0164	-33 8	58	335	11	0525	-28 5	56	345	14	0918	-26 3	57	347	11
11	1022	-44 2		000	00	0174	-37 7		343	01	0530	-31 2	53	324	04	0919	-29 7	55	327	05
12	1024	-42 8		000	00	0194	-32 8	47	054	02	0570	-29 9	56	043	05	0944	-28 6	63	021	06
13	1011	-35 5	60	360	27	0108	-36 1	72	002	27	0480	-22 4	81	011	25	0870	-22 3	83	018	22
14	1005	-31 4	73	360	25	0062	-31 8	71	001	23	0430	-28 7	68	030	08	0819	-19 2	74	115	07
15	0998	-33 8	72	340	13	0016					0375	-35 4	76	350	14	0751	-31 1	76	353	11
16	0999	-31 1	66	360	20	0025					0380	-33 5	75	006	19	0764	-33 1	75	018	17
17	1014	-35 9	59	330	15	0128	-36 4	62	333	15	0490	-38 3	70	345	15	0857	-33 7	71	347	19
18	1021	-41 8		000	00	0172	-38 0		107	03	0520	-35 1	50	100	04	0906	-33 6	58	081	04
19	1028	-44 1		000	00	0218	-37 3	33	170	01	0575	-35 6	41	126	01	0951	-34 3	50	100	01
20	1034	-40 1		010	03	0263	-34 4	51	074	03	0620	-32 9	55	099	03	1004	-33 6	57	114	03
21	1041	-38 3		030	07	0307	-32 0	56	023	14	0685	-22 6	53	018	17	1075	-22 4	38	008	11
22	1037	-32 3	57	330	14	0290	-26 9	60	329	14	0660	-24 3	58	350	15	1057	-23 8	61	340	13
23	1018	-29 1	75	300	07	0155	-27 6	76	310	10	0520	-24 7	76	321	13	0920	-24 2	76	320	14
24	1008	-33 4	63	350	23	0087	-34 3	75	351	23	0460	-22 6	74	011	24	0856	-18 8	76	021	23
25	1019	-33 2	63	010	07	0162	-32 4	62	010	08	0530	-20 6	74	006	12	0934	-19 7	67	355	13
26	1000	-32 7	64	320	04	0032	-32 7	64	320	04	0405	-23 1	71	327	09	0800	-22 1	74	330	12
27	1015	-35 8		350	13	0131	-34 0	71	354	19	0495	-28 2	73	360	19	0883	-26 9	73	360	19
28	0999	-24 0	79	225	08	0019					0395	-26 1	78	225	09	0781	-25 9	78	234	09
29	1006	-40 4		360	08	0071	-40 9		360	08	0430	-34 9	60	357	06	0803	-34 1	67	348	05
30	1007	-36 0	59	080	02	0080	-34 6	60	095	03	0445	-31 7	64	140	09	0823	-32 9	68	107	15
31	1008	-37 1	44	000	00	0085	-36 4	46	-		0445	-31 6	59	-		0828	-28 7	59	-	
MN	1017	-35 9	62	*		148	-33 3	61	*		514	-28 8	65	*		901	-27 3	67	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1342	-28 3	77	144	05	1779	-28 3	67	153	05	2250	-30 7	56	172	02	2729	-31 6	60	226	03
02	1404	-23 6	55	157	07	1846	-25 6	44	149	07	2315	-27 7	36	165	08	2805	-31 2	48	176	09
03	1390	-25 1	61	065	03	1852	-25 7	49	067	12	2300	-28 1	31	070	15	2790	-31 7	32	070	15
04	1277	-27 7	52	009	11	1711	-29 8	47	008	12	2180	-32 2	42	011	12	2653	-34 1	34	008	13
05	1344	-30 2	72	255	08	1776	-31 3	75	263	08	2240	-33 2	78	271	09	2714	-35 6	77	272	10
06	1353	-28 1	71	263	04	1788	-29 5	73	288	06	2250	-32 3	72	291	08	2729	-35 3	70	294	08
07	1338	-26 4	58	332	08	1776	-28 1	51	324	09	2240	-30 8	50	318	06	2723	-33 7	49	313	06
08	1371	-25 8	61	347	06	1810	-26 6	45	322	03	2270	-29 6	33	302	03	2763	-31 2	A20	266	03
09	1351	-25 7	71	358	13	1792	-25 6	68	337	06	2255	-27 0	66	350	02	2754	-28 8	64	287	02
10	1350	-27 7	48	348	10	1768	-26 6	39	345	05	2230	-28 4	29	335	02	2727	-29 4	A19	265	01
11	1327	-29 0	51	313	05	1760	-30 3	46	293	04	2220	-31 8	39	283	05	2703	-33 3	33	260	05
12	1355	-27 8	53	002	08	1791	-28 9	44	343	11	2270	-30 1	43			2741	-31 4	46		
13	1289	-22 6	83	018	21	1736	-22 1	82	010	15	2230	-18 9	81	026	08	2723	-23 3	79	093	04
14	1243	-19 1	83	154	13	1696	-18 6	85	160	07	2180	-19 5	82	182	04	2685	-21 7	81	240	03
15	1160	-29 2	76	350	07	1593	-30 4	78	352	11	2060	-28 9	78	005	12	2547	-28 5	77	015	13
16	1171	-27 0	76	024	15	1610	-26 4	77	028	13	2070	-27 7	76	023	14	2569	-29 7	76	019	12
17	1260	-31 2	74	345	25	1691	-31 5	75	346	27	2170	-32 8	76	348	27	2631	-33 7	76	351	28
18	1307	-33 9	64	075	03	1732	-33 9	69	010	03	2195	-32 2	73	010	07	2672	-33 6	71	001	08
19	1352	-34 4	55	045	01	1775	-34 7	59	350	03	2230	-35 7	59	353	04	2703	-37 7	57	353	04
20	1404	-35 0	58	026	04	1827	-35 4	60	033	05	2285	-36 2	62	026	06	2754	-37 8	63	027	07
21	1494	-23 1	30	356	07	1937	-24 9	28	338	05	2400	-26 9	A19	329	05	2899	-29 3	A19	312	04
22	1474	-23 7	66	351	11	1917	-23 9	69	348	12	2390	-24 9	71	359	07	2887	-27 2	70	353	12
23	1339	-21 6	79	308	18	1788	-20 8	80	297	18	2270	-22 5	77	297	17	2768	-24 2	75	300	16
24	1284	-15 8	73	022	27	1743	-15 2	64	023	23	2230	-18 1	47	027	20	2740	-21 3	43	028	29
25	1358	-19 7	43	347	12	1809	-20 9	48	341	13	2280	-24 1	55	335	12	2782	-27 4	68	329	11
26	1220	-22 3	67	330	12	1666	-22 7	59	336	11	2140	-24 4	66	341	12	2638	-27 0	71	334	13
27	1296	-26 3	73	004	16	1735	-26 8	65	002	19	2210	-27 7	55	356	20	2695	-28 7	45	353	18
28	1197	-24 3	79	241	11	1640	-24 3	80	249	11	2120	-25 4	79	262	12	2608	-27 3	79	268	11
29	1205	-33 5	70	342	02	1628	-35 6	73	318	01	2090	-35 9	74	307	03	2555	-37 7	74	300	04
30	1224	-33 8	69	105	16	1649	-34 5	68	120	14	2100	-35 2	68	123	15	2579	-36 8	69	128	17
31	1243	-23 5	45	-		1689	-22 9	A18	-		2165	-25 1	A16	-		2659	-27 6	42	-	
MN	1313	-26 6	64	360	06	1791	-27 2	61	*		2220	-28 5	58	*		2707	-30 6	58	350	06

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ISACHSEN, N.W.T.
JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3779	-38	7	64	257	07	5012	-45	7		272	08	6471	-54	0		261	16	8285	-60	9		260	15
02	3842	-36	7	38	252	15	5082	-45	3		250	13	6535	-55	9		251	14	8326	-64	2		239	09
03	3890	-39	1	46	133	14	5119	-47	0		129	09	6565	-56	6		133	04	8350	-66	6		172	07
04	3793	-39	4	44	036	16	5016	-48	5		045	16	6483	-56	7		042	16	8246	-61	9		066	07
05	3726	-41	0		325	10	4946	-48	3		324	13	6387	-56	9		325	17	8181	-62	7		305	08
06	3802	-41	3		283	09	5022	-48	2		264	08	6462	-57	4		255	10	8250	-64	9		258	06
07	3784	-41	4		301	07	5002	-48	6		277	04	6438	-58	3		319	04	8216	-66	4		280	03
08	3812	-39	6	33	253	02	5038	-47	4		235	05	6481	-57	1		223	07	8259	-65	4		203	12
09	3844	-39	6	A21	219	05	5092	-43	3		206	10	6563	-53	0		201	14	8363	-65	9		196	16
10	3817	-35	1	A21	184	02	5067	-43	6		184	09	6532	-54	6		187	13	8320	-65	9		197	10
11	3803	-37	2	A22	207	06	5040	-45	5		200	07	6495	-55	5		209	08	8294	-63	0		212	08
12	3802	-36	1	56	210	06	5044	-44	8		213	06	6501	-55	4		280	10	8290	-64	3		188	11
13	3822	-34	5	59	118	03	5079	-40	0	93	169	12	6581	-47	5		179	31	8427	-61	0		171	35
14	3838	-23	7	71	120	05	5147	-31	9	54	142	08	6686	-43	1		145	18	8559	-58	8		142	32
15	3721	-32	8	80	020	05	4985	-39	6	77	017	12	6480	-49	1		027	19	8312	-61	8		023	21
16	3636	-31	8	71	355	10	4903	-39	3	64	003	06	6396	-49	7		021	11	8225	-61	6		036	11
17	3694	-36	9	67	348	20	4935	-44	1		348	21	6405	-52	2		344	23	8239	-58	8		350	22
18	3755	-35	9	58	358	22	5002	-43	3		354	25	6475	-51	9		348	33	8305	-60	1		344	25
19	3746	-39	7		006	10	4972	-47	6		355	15	6425	-53	3		344	21	8263	-57	9		347	15
20	3767	-43	2		260	02	4979	-49	2		307	04	6420	-55	2		294	03	8238	-58	8		343	05
21	3898	-40	6		113	07	5117	-49	0		131	08	6556	-56	8		086	08	8349	-62	8		073	12
22	3966	-35	7	A21	020	13	5213	-43	9		031	16	6678	-53	4		032	32	8493	-62	2		033	29
23	3950	-30	4	72	326	09	5220	-40	0	60	335	08	6716	-48	5		328	02	8554	-61	3		000	00
24	3760	-34	0	30	083	07	5012	-42	7		115	06	6490	-51	2		066	07	8341	-54	6		065	07
25	3880	-30	5	58	360	17	5151	-39	6	65	358	18	6646	-49	1		354	22	8480	-61	0		344	23
26	3784	-33	6	67	346	16	5040	-42	0		351	19	6520	-51	5		353	21	8360	-58	1		355	25
27	3741	-35	2	74	007	07	4990	-42	9		357	12	6466	-51	6		358	11	8288	-61	1		003	12
28	3827	-32	9	80	310	20	5109	-35	6	34	314	23	6626	-45	5		321	43	8495	-56	8		333	55
29	3657	-35	2	56	307	11	4907	-42	2		317	13	6398	-48	1		295	11	8270	-51	5		295	15
30	3584	-44	7		-		4804	-45	3		146	07	6285	-48	1		120	03	8173	-50	1		050	02
31	3696	-34	0	40	082	11	4951	-42	6		087	13	6422	-53	6		091	13	8257	-56	0		090	12
MN	3788	-36	3	52	*		5032	-43	8	58	*349	04	6502	-52	6		*343	05	8323	-60	9		*339	04

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10803	-61	2		233	03	12575	-64	7		108	02	15024	-69	6		116	05	17125	-74	6		132	04
02	10809	-62	3		185	02	12576	-65	0		210	02	15020	-69	8		240	02	17122	-74	1		230	02
03	10829	-62	6		119	03	12590	-65	7		190	02	15024	-71	0		030	03	17110	-75	7		356	01
04	10764	-61	0		125	02	12540	-64	8		095	02	14983	-70	3		000	00	17076	-75	3		341	02
05	10702	-60	0		277	09	12487	-62	0		249	07	14943	-70	2		263	05						
06	10742	-62	8		260	09	12509	-64	3		260	08	14955	-70	7		272	08						
07	10694	-63	5		259	05	12454	-65	8		249	05	14886	-71	2		301	04	16969	-76	4		291	07
08	10737	-64	3		215	10	12488	-66	6		215	09	14898											
09	10808	-67	3		197	14	12538																	
10	10780	-65	7		210	05	12522	-68	7		228	03	14931	-73	2		267	04	17001	-76	8		231	04
11	10788	-62	6		213	08	12543	-66	3		240	08												
12	10789	-63	3		193	15	12548	-66	0		196	12	14972	-71	1		219	09	17054	-75	5		245	09
13	10895	-66	3		181	22	12636	-68	5		176	13	15036	-72	7		215	06						
14	10997	-75	3		148	19	12707	-70	7		127	09	15091											
15	10812	-61	7		033	08	12572	-65	1		082	09	14991	-73	9		102	06						
16	10732	-61	6		022	08	12499	-64	9		025	11	14939	-70	1		017	06	17033	-75	4		021	11
17	10794	-62	8		001	15	12514	-65	8		007	17	14954	-70	6		015	16						
18	10822	-62	0		347	21																		
19	10801	-60	2		349	17	12579	-65	6		345	17	15024	-70	2		350	16	17115	-75	7		343	15
20	10781	-59	9		353	10	12562	-63	8		354	12	15016	-70	1		350	16						
21	10837	-64	4		040	13	12582	-67	3		034	14	14994	-72	3		036	12						
22	10955	-66	6		030	12	12677	-69	9		031	12	15078	-73	3		032	14						
23	11027	-64	6		328	06	12779	-67	4		311	04	15205	-69	7		330	07	17302	-73	0		355	04
24	10904	-60	1		053	08	12688	-62	7		016	11	15154	-67	7		013	10						
25	10969	-62	3		342	24	12734	-65	3		344	19	15182	-63	9		349	29	17322	-75	8		058	27
26	10880	-61	3		348	21	12659	-64	2		350	18	15129	-66	0		341	16	17276	-67	7		350	17
27	10817	-60	2		359	14	12603	-62	5		006	15	15088	-66	5		010	12	17240	-66	4		001	12
28	11004	-63	6		355	31	12766	-66	8		340	25	15223	-67	2		343	20	17380	-66	6		343	12
29	10892	-52	9		310	14	12726	-58	3		308	16	15246	-62	9		319	17	17439	-61	9		305	14
30	10804	-53	7		002	05	12693	-57	9		343	04	15168	-61	3		325	05	17387	-58	4		319	07
31	10835	-55	8		097	09	12652																	
MN	10831	-62	3		*342	04	12598	-65	2		*339	05	15043	-69	4		*348	07	17184	-71	8		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3812	-35	4	A21	257	08	5062	-43	6		256	09	6530	-53	7		253	10	8334	-63	3		261	12
02	3879	-38	6	59	177	12	5110	-46	9		176	11	6553	-57	3		192	08	8332	-66	2		176	07
03	3862	-39	1	63	079	17	5087	-47	8		080	15	6535	-55	6		090	14	8316	-65	2		094	11
04	3717	-40	4		001	10	4936	-48	8		007	13	6377	-56	6		008	13	8183	-58	7		016	05
05	3775	-40	8		281	11	4996	-48	2		274	12	6435	-57	7		279	13	8219	-62	2		258	10
06	3787	-41	9		300	09	5001	-49	4		276	05	6431	-59	6		258	05	8200	-66	4		255	05
07	3789	-40	3		297	04	5013	-47	4		270	03	6456	-57	0		275	03	8238	-66	5		253	04
08	3844	-36	6	A22	226	04	5086	-44	2		208	10	6549	-54	3		199	21	8347	-64	3		200	31
09	3843	-35	4	59	224	04	5091	-43	6		202	09	6558	-54	1		190	14	8354	-64	9		189	13
10	3815	-35	7	A21	205	04	5058	-44	5		198	08	6520	-54	5		190	13	8314	-64	2		193	10
11	3777	-37	4	A22	264	03	5014	-45	5		283	04	6467	-56	0		285	08	8254	-64	3		230	07
12	3823	-36	0	47			5066	-45	1				6524	-54	9				8327	-61	7			
13	3837	-27	7	78	172	08	5130	-34	1	76	174	19	6659	-44	8		175	31	8515	-61	0		164	39
14	3809	-26	7	79	011	11	5106	-33	7	74	040	14	6637	-45	3		057	16	8491	-61	2		049	16
15	3641	-34	0	74	013	10	4898	-41	7		025	07	6376	-52	1		025	09	8198	-59	0		023	08
16	3656	-35	2	72	015	08	4907	-42	6		010	10	6384	-51	9		016	15	8203	-61	9		027	17
17	3708	-36	5	74	351	23	4956	-42	7		351	22	6434	-51	1		356	25	8268	-60	1		359	23
18	3744	-38	2	63	350	10	4981	-45	3		342	14	6441	-54	1		341	16	8258	-59	0		335	19
19	3755	-42	3		325	07	4972	-48	4		337	10	6423	-53	8		340	14	8246	-58	8		337	17
20	3806	-42	7		133	09	5017	-50	0		142	14	6453	-56	9		136	13	8260	-59	3		087	07
21	3981	-37	1	A22	286	05	5217	-46	2		269	03	6667	-56	4		339	03	8457	-64	4		035	11
22	3985	-33	2	68	015	09	5244	-41	9		015	15	6718	-53	0		021	16	8534	-62	6		035	14
23	3877	-31	7	69	297	13	5139	-41	2		286	13	6622	-51	0		275	15	8442	-61	8		258	11
24	3862	-27	4	34	034	22	5154	-35	9	32	030	20	6665	-47	8		027	28	8506	-61	0		029	15
25	3880	-33	1	73	327	13	5139	-41	4		317	10	6620	-51	6		317	10	8436	-61	1		323	12
26	3734	-33	8	74	341	09	4991	-41	8		335	13	6471	-51	4		332	21	8300	-61	1		334	19
27	3785	-34	7	41	354	10	5039	-42	1		345	15	6516	-52	4		353	20	8345	-60	1		357	19
28	3710	-30	0	77	271	18	4999	-35	8	73	273	29	6522	-45	4		284	36	8387	-57	3		298	39
29	3607	-42	5		246	04	4830	-44	8		295	07	6310	-48	5		298	09	8191	-50	8		312	09
30	3638	-40	4		137	20	4867	-44	1		145	23	6348	-49	1		140	24	8212	-52	9		135	16
31	3756	-33	8	66	069	06	5009	-43	2		058	10	6472	-54	0		044	10	8296	-59	4		075	11
MN	3790	-36	1	56	*		5036	-43	6	64	*321	03	6506	-52	9		*324	03	8321	-61	3		*351	04

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10827	-63	2		232	03	12596	-64	8		151	02	15038	-70	5		147	02	17196	-75	0		173	02
02	10812	-63	1		206	03	12575	-65	5		225	03	15010	-70	5		345	01	17104	-75	1		000	00
03	10809	-62	6		115	03	12579	-64	7		134	02	15019	-70	8		037	01						
04	10726	-60	3		278	01	12511																	
05	10721	-61	2		262	08	12495	-63	4		262	09	14956											
06	10679	-62	6		256	06	12441	-66	3		245	05	14862	-72	3		244	05	-					
07	10723	-62	5		234	07	12485	-66	3		237	06	14904	-72	6		264	06						
08	10799	-67	2		200	15	12530	-68	8		203	08												
09	10805	-66	4		201	08	12543	-68	0		202	05	14941											
10	10793	-63	4		214	06	12547	-66	9		220	05	14969	-71	9		261	06						
11	10746	-62	9		207	10	12507	-66	0		215	10	14937	-71	0		228	08	17023	-75	8		237	08
12	10832	-63	5				12586	-66	7				15014	-70	8				17097	-76	7			
13	10968	-66	2		176	23	12691	-69	6		172	12	15085	-73	9		182	05	17140	-78	4		209	02
14	10945	-64	9		035	13	12672	-70	7		085	11	15073											
15	10718	-61	0		034	10	12483	-64	7		049	09	14923	-71	0		057	06						
16	10692	-64	1		014	12	12445	-65	3		031	10	14876	-70	6		014	14						
17	10779	-61	6		002	23	12543	-66	0		352	25	14983	-70	4		012	19						
18	10790	-61	7		341	21	12555	-65	8		341	21	14986	-70	2		347	19	17070	-77	1		339	15
19	10781	-60	9		344	14	12551	-65	5		346	17	14980	-71	7		345	14	17060	-76	1		350	20
20	10787	-61	5		027	09	12553	-65	5		017	12	14985	-71	4		019	11	17069	-75	9		359	11
21	10926	-66	2		037	15	12664	-68	5		038	16	15069											
22	10980	-70	0		023	11	12707	-68	5		025	07	15101	-73	6		013	05						
23	10943	-62	9		291	07	12704	-65	6		313	06	15143	-70	4		339	06	17256	-72	7		003	05
24	10984	-63	6		022	22	12746	-65	4		013	16	15194	-68	6		002	12	17324	-68	7		017	17
25	10945	-62	7		335	21	12715	-63	3		347	17	15180	-68	2		344	17	17324	-67	5		347	19
26	10817	-61	5		344	11	12592	-63	7		345	13	15065	-66	6		340	13	17223	-65	9		358	10
27	10865	-61	4		358	14	12637	-62	7		354	20	15105	-68	0		008	14	17259	-66	8		007	10
28	10930	-58	6		310	21	12727	-61	7		331	25	15216	-65	9		333	16	17380	-65	6		350	17
29	10805	-55	8		332	10	12626	-58	6		333	10	15136	-62	2		311	12	17340	-60	5		297	10
30	10832	-54	4		095	06	12664	-57	4		089	06	15211	-59	2		064	04	17466	-55	8		011	02
31	10838	-58	0		073	07	12649	-58	6		080	07	15202	-56	4		121	06	17492	-50	0		167	12
MN	10826	-62	4		*339	05	12591	-65	2		*354	05	15040	-69	1		*342	06	17221	-69	6		*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ISACHSEN, N.W.T.
JANUARY 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.) gpm.	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01																				
02	19063																			
03																				
04																				
05																				
06																				
07																				
08																				
09																				
10	18917	-80 2		279	08	21788														
11																				
12	18985	-79 8		257	07															
13																				
14																				
15																				
16																				
17																				
18																				
19	19039																			
20																				
21																				
22																				
23	19268	-74 6		002	06	22263	-71 3		034	05										
24																				
25																				
26	19315	-64 9		340	15	22481	-56 5		316	09	25169	-35 8		260	19					
27	19297																			
28	19441	-61 9		314	07	22722	-43 3		279	12										
29	19538	-56 3		305	12	22933	-33 3		242	23	25939	-15 8		242	27					
30	19526	-53 8		258	05	22942	-36 2		220	26	25863	-19 3		228	35					
31																				
MN	19239	-67 4		•		22522	-48 1		•		25657	-23 6		•					•	

00 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	65400	71	1 07	0					1	08 79	276	-62 4	304	0					8	06 70	386	261	17
02	00900	02	1 10	0					1	09 00	268	-66 4	301	0					8	04 72	528	254	16
03	26400	02	8 04	0					2	08 37	298	-66 8	292	0					8	03 98	592	132	14
04	66400	02	8 15	0					1	08 06	309	-62 5	294	0					8	02 45	728	048	18
05	35410	36	2 20	0					1	08 06	306	-62 8	295	0					8	06 43	397	326	18
06	20840	02	2 06	0					1	08 57	284	-66 2	296	0					8	02 23	753	267	11
07	00900	02	8 09	0					1	08 23	299	-66 5	292	0					1	17 48	064	295	10
08	00900	05	1 10	0					1	08 14	306	-65 5	292	0					7	09 35	251	207	13
09	00900	39	5 03	0					1	08 57	289	-67 0	294	0					6	07 57	342	209	17
10	00900	39	8 06	0					2	08 11	310	-65 9	290	2	12 60	148	-68 9	353	9	00 51	950	353	22
11	25500	02	5 00	0					1	08 74	278	-64 4	301	0					7	00 58	945	344	11
12	00900	02	1 08	0					1	08 29	300	-64 3	294	2	16 06	083	-74 8	403	9	10 40	213	190	15
13	9-0--	39	8 28	0					1	09 11	268	-65 5	302	0					8	07 60	342	174	36
14	9-0--	39	7 38	0					1	10 97	201	-75 8	312	0					7	00 03	003	360	35
15	854--	39	7 19	0					1	08 59	286	-64 0	299	2	11 36	183	-64 9	338	8	07 68	331	014	24
16	9-0--	39	1 10	0					1	08 70	277	-63 5	302	1	13 97	118	-69 8	374	8	00 35	953	348	20
17	9-0--	39	3 08	0					1	09 14	259	-62 7	310	2	11 26	184	-64 3	338	8	06 71	382	347	25
18	00900	39	0 13	0					2	08 28	301	-60 1	300	0					6	06 32	409	347	34
19	00900	02	2 17	0					1	09 48	247	-60 3	318	2	12 61	149	-65 7	358	8	06 18	415	345	22
20	10830	02	2 10	0					1	07 91	316	-59 1	297	7	15 39	094	-71 6	396	1	15 97	085	347	18
21	00900	02	2 10	0					2	07 65	335	-61 6	289	6	13 50	129	-70 5	363	8	13 57	127	035	15
22	00900	02	6 04	0					1	09 66	248	-68 0	306	6	16 17	083	-77 0	400	8	07 38	359	033	39
23	15600	02	7 28	0					1	09 39	261	-67 0	303	1	16 52	080	-74 4	409	9	01 03	895	292	15
24	00900	38	8 01	0					2	07 32	351	-53 9	296	0					8	15 90	088	020	14
25	45400	39	0 27	0					1	09 41	258	-65 6	306	1	13 74	127	-69 7	367	8	16 40	082	352	32
26	25500	02	7 26	0					1	09 40	254	-61 9	313	0					9	07 31	354	356	25
27	65400	46	1 30	0					1	08 50	288	-61 9	302	2	15 32	096	-67 4	402	8	12 96	142	007	17
28	00900	01	7 25	0					2	09 72	246	-64 1	312	0					9	09 50	255	340	58
29	75400	71	2 13	0					2	06 88	371	-51 4	294	1	13 81	126	-61 6	382	9	27 90	015	245	30
30	00900	10	1 10	0					1	03 66	593	-45 0	265	0					9	25 80	020	228	36
31	00900	39	8 15	0					2	07 06	362	-56 0	291	0					6	06 05	423	094	14
MEAN										08 44	298	-62 8	299		14 02	123	-69 3	376					

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.) gpm.	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01																				
02																				
03																				
04																				
05																				
06																				
07																				
08																				
09																				
10																				
11	18950	-79 3		255	08	21812														
12	19006	-80 8				21855	-83 6													
13																				
14																				
15																				
16																				
17																				
18	18984	-80 1		355	18	21851	-81 1		345	16										
19																				
20	19001	-78 3		356	10	21903	-78 7		023	07										
21																				
22																				
23	19236	-72 6		055	03	22269	-67 4		360	03										
24	19323																			
25	19345	-65 1		338	18	22514	-56 1		340	10										
26	19275	-64 0		337	12	22496	-51 6		302	10										
27	19294	-61 9		359	12															
28	19442																			
29	19456	-55 2		278	07	22846	-36 9		233	24	25769	-21 3		237	30					
30	19648	-47 7		204	09	23189	-27 3		213	37										
31	19758	-35 1		193	25	23387	-30 7		203	26	26265	-31 4		213	20					
MN	19286	-65 5		•		22412	-57 0		•		26017	-26 4		•					•	

12 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	55400	71	1 02	0					1	08 92	272	-65 4	302	2	17 31	068	-75 4	427	8	08 28	303	260	13
02	00900	02	1 14	0					1	08 26	304	-66 3	291	0					8	04 61	538	178	13
03	854--	02	7 18	0					1	08 07	312	-65 7	289	0					8	03 90	596	081	17
04	00900	44	7 08	0					1	07 60	330	-60 6	292	0					6	05 41	464	007	14
05	00901	78	2 10	0					2	07 36	344	-62 5	286	7	14 36	110	-68 4	384	7	05 41	469	277	14
06	00900	02	7 05	0					1	08 09	305	-66 6	290	0					8	03 70	608	300	09
07	00900	02	1 03	0					1	08 24	300	-66 5	291	0					8	01 55	826	327	11
08	00900	44	3 05	0					2	09 03	267	-67 0	300	0					7	08 45	295	200	31
09	00907	39	7 03	0					1	09 33	255	-67 6	304	0					7	00 30	982	357	17
10	00900	36	2 13	0					1	08 91	271	-65 5	301	0					8	00 62	939	345	15
11	25600	02	0 01	0					1	08 15	305	-64 4	293	0					9	13 80	121	213	13
12	00900	05	1 01	0					2	07 47	344	-60 2	288	0					1	02 03	775	337	12
13	9-0--	39	7 12	0					1	09 89	239	-68 0	308	2	11 63	179	-69 4	333	8	07 80	336	167	40
14	9-0--	39	1 74	0					1	10 01	233	-70 0	308	7	13 05	141	-71 5	353	7	00 03	005	360	25
15	854--	39	0 05	0					1	08 86	269	-61 5	308	1	11 51	176	-64 8	342	8	00 50	932	356	14
16	9-0--	39	1 11	0					2	08 49	286	-63 9	299	0					8	00 03	999	360	20
17	9-0--	39	2 23	0					2	08 90	270	-61 6	307	0					8	09 31	253	001	28
18	00900	02	7 05	0					2	07 17	357	-58 0	289	2	17 16	069	-77 3	420	9	10 09	223	345	22
19	00900	02	1 14	0					2	07 81	322	-58 5	297	0					8	16 70	074	347	21
20	00900	02	2 15	0					1	07 04	365	-59 4	285	2	16 60	076	-75 5	413	9	05 96	432	143	15
21	00900	39	2 20	0					2	08 46	300	-64 4	294	0					7	00 70	948	018	17
22	00900	38	8 12	0					1	09 49	256	-68 1	303	2	13 16	139	-70 5	356	8	06 49	414	023	19
23	00900	02	8 20	0					1	08 86	280	-63 4	302	0					9	01 60	820	301	19
24	9-0--	39	7 10	0					1	09 69	247	-66 6	308	1	13 65	129	-68 2	367	8	08 21	314	032	36
25	74500	02	2 20	0					2	08 46	299	-61 2	299	1	14 59	110	-68 3	384	9	20 69	040	342	23
26	00900	02	6 23	0					1	08 53	289	-62 4	301	0					9	06 42	403	332	21
27	854--	38	2 30	0					1	08 75	281	-61 9	304	0					9	09 70	241	398	26
28	874--	71	7 30	0					1	09 41	255	-60 2	315	0					8	08 32	304	298	39
29	00900	37	1 10	0					2	06 31	400	-48 5	292	2	13 70	126	-62 4	381	9	25 73	020	237	31
30	00900	02	8 08	0					1	07 60	330	-53 4	302	0					9	24 64	025	206	39
31	00900	02	2 42	0					1	08 67	282	-60 4	306	0					9	22 00	036	196	37
MEAN										08 45	296	-62 9	299		14 25	120	-70 2	378					

A Statistical Value for Relative Humidity
• Vector Mean Wind
- Entered under Wind Direction indicates a Stratum of Missing Wind Data

ISACHSEN, N.W.T.

FEBRUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1019	-39	2	000	00	0159	-36	0	45	188	02	0525	-31	8	55	194	06	0907	-25	8	54	201	11
02	1025	-39	3	000	00	0199	-33	0	40	000	00	0570	-26	4	61	210	01	0956	-28	0	65	192	02
03	1031	-37	8	000	00	0244	-29	9	A20	172	04	0620	-27	7	A19	180	07	1001	-26	5	A19	186	06
04	1016	-21	6	47	060	17	0150	-21	3	54	080	16	0520	-20	2	73	120	14	0930	-21	4	81	130	14
05	0992	-05	2	80	110	15	-036						0370	-04	4	75	130	20	0792	-06	7	70	138	25
06	1011	-30	4	74	180	15	0109	-31	2	75	180	16	0475	-28	4	75	191	20	0864	-24	5	78	207	16
07	1033	-34	9	50			0256	-32	4	50			0620	-24	6	53			1018	-23	4	41		
08	1032	-31	4	50	000	00	0259	-23	2	51	121	02	0630	-22	4	50	150	03	1032	-23	4	55	185	04
09	1011	-22	7	76	200	10	0108	-23	1	76	203	13	0485	-24	7	77	213	18	0875	-26	0	78	233	16
10	1027	-32	0	65	000	00	0221	-24	5	57	000	00	0605	-20	7	59	141	01	0999	-19	3	50	193	02
11	1011	-23	8	80	020	07	0108	-23	7	79	028	08	0480	-23	0	76	029	09	0880	-21	3	80	007	09
12	1028	-36	1	59	340	11	0225	-29	4	69	344	14	0600	-28	9	68	343	16	0979	-28	4	67	341	17
13	1022	-37	6				0182	-36	4				0550	-30	6				0928	-29	5			
14	1024	-35	8	60	340	10	0192	-33	0	72	344	12	0565	-28	3	73	358	17	0946	-27	6	73	004	17
15	1019	-35	9	47	000	00	0161	-34	6	57	032	02	0520	-26	7	71	036	08	0918	-27	6	73	033	09
16	1013	-36	4	70	330	09	0120	-37	4	71	348	10	0480	-30	0	72	011	16	0864	-25	5	73	014	15
17	1013	-37	9		360	06	0122	-35	6		001	07	0495	-27	9	66	008	12	0875	-26	8	74	358	13
18	1016	+34	3	61	315	03	0142	-35	4	62	329	04	0505	-24	8	67	004	10	0903	-23	6	69	005	12
19	1022	-35	0	61	350	06	0180	-32	8	63	351	08	0550	-26	3	53	350	12	0941	-22	5	35	346	12
20	1030	-38	3		310	01	0234	-30	7	53	329	06	0610	-23	4	65	322	11	1001	-22	2	65	320	12
21	1040	-37	2	44	000	00	0310	-24	1	63	360	07	0690	-22	8	68	355	09	1089	-21	1	59	340	11
22	1035	-30	9	66	360	13	0279	-20	5	75	008	13	0660	-18	5	75	018	12	1064	-18	8	74	020	13
23	1027	-20	9	72	360	14	0225	-17	1	46	035	13	0620	-13	1	37	055	12	1026	-13	7	33	059	11
24	1014	-31	8	58	000	00	0129	-27	5	57	241	03	0510	-15	7	46	240	10	0918	-15	2	30	237	12
25	1002	-32	7	55	000	00	0042	-31	9	54	000	00	0425	-17	2	46	029	09	0823	-16	3	31	036	08
26	1007	-32	1	57	315	08	0081	-32	6	62	317	09	0455	-23	6	72	351	16	0851	-18	5	78	353	20
27	1008	-31	7	58	330	08	0089	-30	7	55	331	09	0460	-24	3	44	342	14	0852	-24	8	50	342	16
28	1012	-35	6	71	350	13	0112	-35	1	77	354	15	0480	-23	8	76	015	18	0878	-23	1	76	026	19
MN	1019	-32	1	62	*		164	-29	7	59	*		538	-23	6	62	*		932	-22	6	60	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1320	-26	4	46	205	10	1759	-26	9	33	203	01	2230	-27	4	28	190	06	2719	-29	0	29	162	04
02	1368	-27	2	59	176	03	1804	-29	3	59	171	03	2270	-30	3	55	165	04	2794	-30	9	41	168	06
03	1414	-26	6	A19	186	07	1852	-27	6	A19	184	07	2320	-28	6	A19	172	09	2868	-31	2	A20	160	07
04	1349	-24	3	80	129	14	1790	-26	6	78	130	16	2260	-28	4	77	140	20	2751	-25	0	77	156	20
05	1236	-09	3	66	140	24	1703	-12	3	62	138	21	2205	-15	3	58	132	23	2711	-18	8	54	126	22
06	1280	-25	6	78	204	16	1718	-27	7	77	199	17	2190	-29	8	77	199	19	2670	-31	6	74	200	17
07	1436	-23	7	36			1879	-24	7	32			2355	-25	7	29			2847	-27	3	29		
08	1449	-24	4	62	194	05	1892	-24	6	62	200	07	2360	-24	4	59	222	08	2867	-23	8	32	223	12
09	1292	-21	5	78	245	15	1740	-21	7	76	247	17	2220	-23	6	74	245	23	2715	-26	1	68	250	22
10	1426	-17	7	41	215	04	1880	-18	6	33	254	06	2365	-19	4	26	257	08	2871	-21	8	39	261	12
11	1303	-18	9	83	355	08	1754	-19	5	86	320	07	2230	-21	5	85	290	08	2746	-18	4	76	260	13
12	1389	-27	8	66	341	17	1826	-27	6	62	343	19	2290	-28	8	49	350	22	2780	-32	0	38	346	23
13	1336	-29	1	75			1770	-29	4	73			2240	-31	5	73			2716					
14	1358	-26	9	68	007	18	1796	-27	3	65	006	19	2265	-28	1	61	008	20	2794	-29	6	57	012	19
15	1330	-26	0	59	322	12	1770	-26	1	36	325	15	2230	-28	5	31	348	13	2728	-31	1	36	349	13
16	1279	-25	8	70	007	15	1718	-27	4	66	009	15	2190	-29	1	63	010	14	2672	-30	9	59	004	11
17	1287	-27	1	73	357	14	1724	-28	0	70	360	13	2195	-30	1	60	002	13	2674	-32	5	50	360	11
18	1320	-25	1	70	357	12	1761	-24	4	66	355	10	2230	-25	7	44	001	10	2727	-29	4	40	356	09
19	1360	-23	1	38	335	10	1803	-24	9	47	330	11	2280	-25	2	58	326	13	2771	-26	3	40	316	12
20	1420	-23	0	66	320	14	1864	-24	7	65	320	16	2330	-27	9	53	313	17	2824	-30	2	35	313	18
21	1505	-21	7	49	336	15	1952	-22	9	41	347	16	2425	-25	0	44	357	17	2923	-26	4	38	003	16
22	1490	-18	5	71	017	13	1943	-19	1	67	021	10	2425	-21	1	65	007	08	2927	-24	5	62	006	08
23	1459	-15	2	32	071	10	1916	-18	4	34	081	10	2390	-21	7	35	086	06	2899	-25	0	36	072	04
24	1948	-17	5	28	233	11	1801	-20	3	31	234	10	2270	-23	3	35	236	09	2778	-26	5	40	230	07
25	1251	-18	4	32	040	08	1702	-21	4	39	040	08	2190	-24	5	46	045	07	2674	-27	9	54	055	07
26	1275	-20	4	78	352	20	1723	-22	5	78	344	17	2210	-23	2	79	345	18	2700	-24	6	69	344	15
27	1269	-23	5	61	345	19	1712	-24	4	64	347	25	2190	-24	1	46	344	22	2683	-26	6	A19	345	21
28	1296	-23	7	74	023	16	1740	-24	3	72	021	17	2220	-24	9	70	015	18	2709	-27	3	69	015	16
MN	1352	-22	8	59	346	05	1796	-24	0	57	*		2271	-25	6	54	*		2764	-27	2	48	329	04

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1024	-39	8		000	00	0196	-33	7	44	186	01	0570	-27	1	57	187	04	0949	-27	3	61	182	05
02	1026	-40	1		000	00	0210	-33	1	40	194	01	0585	-27	6	56	198	03	0965	-26	9	58	204	04
03	1030	-35	9	53	000	00	0240	-26	7	54	143	05	0615	-25	0	58	146	07	1005	-25	6	61	144	07
04	1006	-14	4	79	050	14	0075	-13	8	80	054	14	0465	-12	8	82	092	16	0877	-14	6	80	113	14
05	0996	-32	2	77	160	23	0000						0380	-24	5	77	162	23	0769	-23	2	78	178	26
06	1027	-36	0	70	180	07	0214	-33	3	71	192	10	0580	-27	2	68	203	15	0967	-26	5	67	203	14
07	1033	-30	4	46	350	02	0260	-27	0	50	240	08	0630	-23	5	58	185	04	1029	-23	9	62	187	06
08	1023	-24	3	79	090	07	0191	-24	9	80	114	09	0570	-20	6	79	153	15	0967	-19	7	82	155	14
09	1020	-33	9	72	240	06	0170	-32	6	77	254	06	0530	-26	4	76	283	08	0933	-21	2	66	297	09
10	1019	-25	9	77	090	09	0165	-23	9	76	109	10	0590	-19	4	75	143	11	0946	-18	3	76	156	10
11	1021	-35	1	50	350	16	0172	-33	9	61	354	17	0530	-25	5	57	358	19	0931	-24	1	69	357	18
12	1023	-31	7	66	290	11	0188	-32	7	68	195	11	0550	-35	0	78	303	13	0929	-28	2	74	295	18
13	1023	-39	3		345	13	0185	-34	6	70	348	11	0540	-30	6	72	351	10	0933	-30	0	76	353	14
14	1023	-35	2	71	030	05	0190	-31	5	64	027	08	0555	-23	9	71	358	16	0958	-24	7	74	356	17
15	1014	-34	4	61	330	06	0125	-34	1	66	350	07	0490	-27	8	74	007	09	0878	-26	8	69	005	11
16	1013	-36	8	58	360	10	0115	-37	3	83	360	12	0480	-27	0	68	008	19	0869	-26	8	70	011	17
17	1013	-38	4		020	13	0121	-32	6	76	021	13	0485	-30	1	76	022	12	0873	-25	2	74	013	16
18	1020	-39	1		350	07	0169	-34	5	64	001	08	0530	-25	2	66	012	14	0930	-21	7	39	008	11
19	1025	-35	7	60	320	03	0199	-35	6	56	349	08	0570	-22	2	70	345	13	0964	-20	1	52	342	13
20	1036	-33	0	55	320	04	0279	-29	9	64	340	11	0650	-24	7	52	355	15	1043	-23	7	36	357	15
21	1039	-30	4	67	360	11	0307	-20	9	73	005	12	0680	-20	8	75	006	11	1086	-21	2	71	004	12
22	1030	-26	2	73	360	15	0247	-15	7	77	013	15	0630	-14	3	76	028	13	1045	-15	3	73	037	11
23	1021	-31	5	66	000	00	0183	-20	1	52	175	02	0578	-11	7	29	209	02	0986	-13	1	A16	195	02
24	1005	-32	6	64	190	02	0062	-30	7	64	-		0440	-17	6	51	-		0844	-16	7	35	-	
25	1009	-80	0	68	360	18	0065	-28	2	74	001	18	0450	-16	4	81	004	19	0850	-17	5	80	003	19
26	1008	-31	9	57	345	13	0087	-31	8	64	345	14	0470	-21	4	75	350	17	0856	-19	4	81	351	16
27	1010	-35	1	61	320	04	0101	-35	8	61	335	07	0460	-27	0	63	001	17	0854	-24	8	73	010	15
28	1011	-34	3	72	360	15	0108	-32	8	73	003	15	0475	-24	4	75	013	15	0870	-24	7	76	018	12
MN	1019	-32	9	65	*		165	-29	7	66	*		537	-23	6	67	*		932	-22	5	65	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1361	-26	0	53	171	05	1800	-26	8	53	147	04	2270	-28	6	56	123	04	2756	-30	8	86	184	06
02	1378	-26	2	53	198	06	1816	-27	9	50	191	06	2280	-29	6	48	194	07	2769	-30	6	42	198	07
03	1418	-26	6	64	142	08	1856	-27	3	59	149	09	2320	-29	0	51	146	08	2810	-31	0	42	150	08
04	1308	-16	3	78	123	12	1765	-19	2	77	135	16	2245	-16	8	76	146	18	2767	-18	7	74	150	17
05	1193	-18	7	81	173	28	1645	-19	5	80	165	31	2140	-20	9	76	160	31	2633	-22	5	73	157	29
06	1379	-27	2	63	203	17	1817	-28	1	58	209	18	2280	-29	0	54	212	17	2769	-30	9	48	218	17
07	1446	-25	0	64	190	06	1887	-26	2	67	189	07	2360	-26	7	69	183	09	2850	-26	6	70	200	08
08	1390	-21	0	83	160	15	1838	-20	9	85	177	19	2320	-19	0	86	189	21	2831	-19	6	84	198	22
09	1355	-21	3	54	301	11	1803	-22	3	42	292	14	2280	-21	0	36	284	20	2786	-22	6	31	282	22
10	1374	-17	2	79	168	10	1831	-16	9	83	187	12	2320	-17	6	86	220	13	2852	-15	5	84	220	16
11	1347	-25	4	71	354	17	1786	-27	1	69	346	17	2260	-28	9	67	340	18	2740	-30	4	64	337	18
12	1340	-27	3	76	294	19	1776	-29	7	75	296	17	2240	-32	2	74	297	21	2718	-34	8	73	294	27
13	1341	-29	9	77	352	15	1773	-30	3	76	351	17	2230	-31	9	72	347	17	2720	-32	8	67	351	14
14	1371	-26	5	73	352	16	1809	-26	6	64	350	16	2270	-29	1	49	355	15	2764	-31	2	57	354	16
15	1290	-26	3	59	355	11	1729	-25	9	47	358	11	2205	-27	4	48	005	09	2689	-30	1	46	360	07
16	1281	-26	6	71	007	20	1720	-27	1	69	005	18	2190	-28	9	65	006	16	2675	-31	5	62	007	14
17	1290	-24	3	72	016	15	1731	-26	9	70	015	14	2205	-29	8	69	014	13	2683	-32	1	66	014	14
18	1351	-22	5	27	360	10	1796	-23	8	A18	359	11	2275	-25	1	A18	352	11	2765	-27	0	A19	347	11
19	1386	-21	9	28	338	14	1834	-22	5	33	332	15	2315	-24	1	40	328	18	2807	-26	7	43	322	15
20	1459	-25	5	31	357	17	1898	-26	1	37	358	17	2370	-26	2	36	360	18	2862	-28	8	38	353	20
21	1508	-20	1	70	001	15	1959	-20	9	67	353	12	2435	-23	1	63	336	07	2937	-26	2	59	327	07
22	1473	-18	1	69	038	11	1925	-20	2	67	028	09	2400	-22	7	66	015	09	2904	-25	4	64	019	09
23	1419	-16	0	A17	179	04	1874	-19	6	A17	185	06	2350	-22	7	32	189	07	2853	-26	1	58	207	06
24	1272	-18	6	28	-		1723	-21	0	31	-		2200	-24	1	42	-		2696	-27	4	54	-	
25	1276	-20	1	78	360	20	1724	-22	9	76	002	20	2210	-22	6	72	003	15	2702	-25	2	72	001	14
26	1278	-22	3	83	352	14	1722	-25	2	84	349	17	2210	-23	4	81	344	18	2696	-25	2	78	342	18
27	1269	-25	8	72	013	14	1708	-26	8	71	007	16	2180	-27	9	70	007	16	2667	-30	0	69	007	15
28	1285	-25	3	78	008	16	1726	-24	3	77	005	16	2205	-25	1	76	009	14	2696	-27	2	76	015	12
MN	1351	-23	1	63	355	05	1795	-24	2	61	*		2270	-25	4	60	*		2763	-27	4	58	318	04

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ISACHSEN, N.W.T.
FEBRUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS						500 MBS						400 MBS						300 MBS					
	Altitude (Pres. on Sfc.)	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.
01	3809	-34	3	30	080	05	5060	-43	0		062	08	6531	-53	1		075	07	8344	-60	9		088	07
02	3833	-37	3	35	151	05	5071	-45	7		127	04	6522	-56	4		084	06	8329	-60	1		073	07
03	3881	-39	6	A22	152	08	5104	-48	5		170	08	6555	-53	7		154	06	8380	-58	7		164	07
04	3863	-29	8	75	166	22	5150	-33	7	72	170	32	6682	-43	9		167	31	8565	-56	9		170	47
05	3840	-25	9	50	131	31	5156	-30	6	44	132	24	6698	-43	7		135	26	8583	-55	3		150	59
06	3749	-36	3	68	191	18	4999	-42	4		179	25	6483	-48	1		175	32	8373	-50	3		173	36
07	3948	-31	8	A20			5218	-38	9	A22			6720	-46	7				8587	-57	7			
08	3976	-31	5	A20	227	12	5241	-41	0		220	15	6728	-50	3		220	17	8588	-54	4		232	22
09	3846	-22	2	50	230	40	5167	-30	1	37	233	43	6720	-40	1		233	41	8649	-47	1		233	40
10	4002	-24	1	74	266	20	5305	-33	0	65	278	31	6839	-44	2		278	30	8718	-52	3		272	31
11	3883	-24	6	46	256	19	5194	-30	5	A20	262	30	6745	-41	6		250	39	8653	-49	1		258	34
12	3862	-36	0	35	335	23	5110	-43	4		332	27	6583	-50	9		323	26	8474	-44	1		306	19
13																								
14	3841	-35	4	47	012	19	5091	-42	7		008	23	6568	-51	7		007	24	8420	-52	2		008	16
15	3807	-37	3	48	338	09	5058	-41	3		342	07	6543	-50	3		334	05	8398	-50	3		340	09
16	3756	-35	5	50	020	08	5003	-43	4		013	10	6479	-50	4		010	07	8343	-49	3		002	05
17	3750	-37	8	33	355	08	4984	-45	5		352	09	6455	-50	6		354	13	8339	-47	3		355	08
18	3815	-34	0	32	356	13	5075	-41	0		356	10	6559	-50	0		009	17	8419	-52	2		311	03
19	3873	-32	3	A20	303	13	5134	-41	7		290	14	6613	-51	5		275	11	8455	-54	5		266	12
20	3908	-36	6	A22	310	19	5149	-44	7		314	22	6614	-53	3		313	25	8460	-52	3		297	16
21	4026	-31	6	A20	009	09	5288	-41	7		347	11	6764	-52	3		350	16	8589	-61	0		340	19
22	4033	-32	2	56	015	09	5295	-41	2		014	07	6779	-49	7		016	09	8613	-60	1		004	14
23	4005	-31	0	39	336	03	5275	-39	6	46	343	04	6772	-48	6		300	07	8609	-62	2		302	11
24	3875	-33	5	32	241	09	5135	-40	7		253	11	6625	-49	5		253	16	8463	-58	8		274	16
25	3764	-35	4	68	059	06	5022	-40	3		060	04	6515	-50	4		016	07	8355	-56	2		023	10
26	3803	-32	7	71	334	13	5069	-38	6	40	334	21	6568	-48	9		340	20	8410	-58	7		340	18
27	3782	-33	1	A21	341	18	5037	-42	6		336	16	6511	-52	1		341	16	8346	-58	7		336	18
28	3805	-33	3	66	016	08	5066	-40	2		020	10	6561	-48	5		020	20	8414	-56	7		020	20
MN	3864	-32	8	43	*		5128	-40	2	43	*289	06	6620	-49	3		*287	06	8477	-54	7		*263	06

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS						150 MBS						100 MBS						70 MBS					
	Altitude (Pres. on Sfc.)	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.
01	10875	-59	2		098	05	12678	-57	6		095	04	15241	-55	1		126	08						
02	10879	-56	9		076	06	12689	-57	7		096	08	15253	-55	6		141	06	17572	-44	2		141	11
03	10927	-59	7		160	08	12729	-58	9		188	07	15285	-57	3		158	07	17550	-53	3		065	02
04	11088	-62	0		176	24	12869	-61	9		178	26	15372	-61	3		178	10	17610	-56	7		181	16
05	11133	-60	9		151	53	12919	-60	3		173	24	15437	-60	9		157	26	17673	-55	8		177	15
06	10992	-54	9		173	29	12815	-59	2		172	26	15375	-57	6		174	17	17652	-53	0		128	07
07	11116																							
08	11183	-56	4		227	21	13007	-55	6		243	15	15609	-52	6		294	15	17952	-46	4		915	20
09	11351	-45	6		270	14	13257	-47	5		277	19	15990	-49	0		294	20	18276	-47	9		914	17
10	11389	-46	9		280	22	13306	-45	3		282	19	16002	-47	1		299	18	18561	-48	3		917	11
11	11353	-43	3		260	19	13292	-43	2		268	18	16010	-47	1		315	10	18369	-47	3		904	12
12	11229	-38	8		290	19	13186	-43	6		269	14	15923	-44	3		291	13	18303	-47	1		278	09
13																								
14	11109	-42	6		301	09	13057	-43	5		300	09	15772	-45	6		279	09	18138	-47	9		294	12
15	11103	-42	8		333	09	13051	-42	7		325	08	15757	-47	1		316	10	18109	-50	9		286	06
16	11043																							
17	11047	-43	6		316	06	12978	-43	3		268	05	15689	-47	0		268	06	18039	-50	0		287	09
18	11074	-46	9		273	11	12987	-46	9		276	08	15664	-48	5		290	08	18008	-50	6		283	05
19	11081	-49	4		275	12	12976	-47	8		277	11	15655	-49	1		275	07	17984	-51	2		300	08
20	11106	-48	4		280	15	12997	-49	8		280	15	15665	-49	6		279	12	17993	-52	3		293	10
21	11154	-54	3		315	15	13018	-50	9		312	16	15668	-49	4		296	16	17995	-50	8		301	14
22	11173	-53	9		328	18	13026	-52	9		317	21	15657	-52	4		307	20	17965	-52	6		906	22
23	11158	-53	0		308	18	13018	-52	0		308	26	15650	-51	1		310	32	17954	-55	3		904	34
24	11043	-53	8		299	20	12898	-52	6		297	28	15507	-55	7		300	33	17784	-56	6		293	38
25	10965	-51	9		348	15	12821	-54	6		333	18	15435	-51	3		331	23	17751	-51	9		326	31
26	10987	-54	4		338	20	12836	-52	2		339	21	15470	-51	9		334	17	17768	-53	5		321	25
27	10933	-55	1		337	17	12778	-52	7		330	22	15416	-51	7		337	14	17718	-53	3		345	16
28	11004	-55	0		010	17	12848	-52	8		010	19												
MN	11092	-51	6		*276	07	12961	-51	4		*282	09	15602	-51	6		*293	09	17936	-51	2		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS						500 MBS						400 MBS						300 MBS					
	Altitude (Pres. on Sfc.)	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.
01	3838	-36	3	52	108	07	5082	-44	1		095	06	6546	-53	2		083	10	8352	-61	3		078	08
02	3848	-38	0	36	177	06	5080	-46	5		158	03	6535	-54	1		058	07	8345	-59	7		055	07
03	3893	-34	9	A21	168	16	5148	-41	3		175	18	6643	-46	9		181	25	8491	-59	0		188	37
04	3906	-24	7	69	155	29	5209	-31	6	61	155	29	6760	-40	0	53	159	32	8658	-56	0		160	42
05	3751	-28	7	65	166	30	5031	-38	4	58	168	27	6547	-42	5		162	47	8469	-49	7		155	57
06	3849	-36	5	39	210	20	5102	-40	3		209	32	6597	-48	3		202	43	8459	-54	6		201	36
07	3951	-33	0	71	200	09	5210	-41	6		204	13	6691	-50	1		191	24	8550	-55	0		189	30
08	3964	-24	7	81	203	26	5273	-32	5	76	210	22	6804	-46	1		220	22	8669	-53	7		235	28
09	3907	-27	5	A19	281	29	5207	-32	9	A20	277	38	6744	-42	4		279	49	8651	-47	7		273	30
10	3987	-20	2	79	233	24	5314	-29	4	73	248	29	6875	-39	5	65	250	33	8779	-53	8		257	35
11	3830	-33	7	60	321	17	5093	-39	3	54	297	17	6599	-44	7		275	24	8521	-43	4		270	19
12	3785	-38	3	62	296	27	5028	-42	1		296	31	6521	-46	8		300	28	8420	-44	1		300	21
13	3792	-38	9	57	360	16	5025	-45	3		359	19	6495	-49	9		006	20	8376	-47	2		337	13
14	3846	-36	3	31	348	14	5089	-44	2		356	16	6562	-52	2		358	15	8396	-55	1		353	18
15	3771	-36	5	44	010	06	5023	-42	2		023	04	6505	-49	6		018	04	8371	-49	2		345	06
16	3754	-36	9	56	355	11	4996	-44	6		360	09	6463	-51	9		357	11	8335	-48	0		358	10
17	3760	-37	6	62	013	15	5001	-43	8		017	14	6480	-49	4		011	18	8361	-49	1		006	10
18	3865	-32	5	32	338	09	5127	-40	6		335	10	6616	-50	4		293	08	8460	-56	2		261	08
19	3904	-33	8	37	320	13	5161	-41	0		320	14	6643	-51	5		309	13	8474	-57	8		293	10
20	3952	-34	4	41	352	19	5209	-41	4		351	23	6688	-51	6		-		8521	-58	9		-	
21	4037	-32	3	49	334	10	5299	-41	2		336	12	6778	-52	2		331	15	8602	-59	7		331	14
22	4005	-33	1	62	026	08	5266	-40	5		003	10	6755	-49	6		008	10	8584	-62	8		359	15
23	3952	-33	0	46	246	06	5214	-40	6		264	10	6702	-50	6		277	19	8531	-60	0		291	15
24	3789	-34	9	73	-		5051	-40	7		260	12	6540	-50	1		273	11	8380	-57	6		284	13
25	3803	-33	1	67	010	13	5066	-39	3	61	015	20	6567	-48	4		031	25	8412	-60	1		028	28
26	3799	-32	4	72	336	14	5060	-41	1		328	17	6544	-50	9		322	18	8379	-56	3		326	17
27	3749	-36	1	63	015	13	5001	-42	8		016	13	6481	-49	5		005	21	8343	-54	7		360	25
28	3801	-30	6	74	018	13	5072	-39	5	71	007	23	6583	-46	9		010	24	8441	-58	4		008	24
MN	3860	-33	2	54	*		5123	-40	3	59	*296	06	6617	-48	5	59	*274	05	8476	-54	6		*269	05

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS						150 MBS						100 MBS						70 MBS					
	Altitude (Pres. on Sfc.)	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm:	Temp. °C		R.H. %	Wind deg.	mps.	Altitude gpm.	Temp. °C		R.H. %	Wind deg.	mps.
01	10879	-58	9		092	06	12686	-58	3		095	06	15258	-54	1		132	07	17593	-43	8		191	10
02	10895	-57	5		076	04	12710	-57	8		107	05	15272	-56	9		158	07	17571	-48	3		128	08
03	11014	-60	7		187	26	12793	-63	7		194	18	15301	-60	9		183	10	17545	-54	6		171	06
04	11158	-64	1		173	36	12931	-62	9		164	28	15428	-60	9		180	20	17668	-57	7		170	14
05	11073	-56	8		169	35	12903	-56	3		163	51	15439	-60	8		163	24	17730	-47	4		212	10
06	11035	-58	0		194	42	12840	-61	4		180	19	15380	-58	2		192	21	17647	-51	9		195	13
07	11124	-57	6		197	23	12935	-59	1		209	17	15494	-55	6		235	11	17795	-48	3		911	09
08	11264	-52	0		265	21	13131	-52	4		288	19	15773	-49	7		317	22	18112	-48	8		930	23
09	11351	-45	0		278	19	13268	-46	3		277	15	15952	-45	8		317	17	18306	-48	3		923	13
10	11437	-45	8		269	25	13359	-46	8		271	16	16046	-46	6		287	14	18398	-48	2		920	14
11	11262	-40	9		270	20	13214	-43	4		271	14	15940	-44	7		285	14	18313	-46	6		293	11
12	11170	-40	9		290	19	13132	-41	4		275	11	15885	-43	2		290	09	18264	-46	7		290	11
13	11119	-40	6		306	11	13077	-43	2		282	08	15797	-42	8		278	09	18182	-48	8		270	08
14	11073	-44	5		339	09	13015	-44	3		326	08	15722	-45	7		297	08	18067	-50	3		288	08
15	11083	-42	8		304	08	13029	-42	7		313	07	15739	-47	0		310	05	18092	-50	0		321	07
16	11040	-42	8		307	06	12984	-42	1		329	04	15694	-47	9		300	06	18042	-50	6		305	07
17	11047	-45	8		316	04	12960	-46	2		301	05	15681	-47	1		283	07	17992	-50	3		299	06
18	11089	-47	3		266	10	12994	-47	7		273	10	15672	-48	3		283	10	18009	-50	8		292	05
19	11096	-50	2		272	14	12990	-48	1		284	20	15663	-48	5		263	10	17995	-51	3		275	09
20	11124	-51	6		-		12989	-50	8		-		15653	-48	6		296	15	17981	-52	6		277	08
21	11162	-54	6		326	18	13014	-52	7		316	17	15645	-51	9		315	21	17964	-51	9		300	17
22	11131	-53	8		314	17	12991	-52	1		312	19	15608	-52	9		312	25	17908	-53	7		307	26
23	11100	-54	3		291	20	12951	-52	8		292	23	15572	-53	3		289	30	17858	-55	2		294	25
24	10973	-53	6		305	18	12821	-54	4		296	24	15410	-56	1		300	37	17682	-55	1		310	33
25	10971	-53	3		002	23	12815	-54	5		353	24	15441	-51	1		324	18	17744	-53	3		329	28
26	10974	-52	8		336	17	12832	-51	6		336	23	15463	-52	3		327	18	17772	-52	0		327	21
27	10943	-53	8		358	20	12794	-53	1		350	23	15426	-52	9		331	25	17725	-55	0		340	24
28	11010	-55	1		360	13	12852	-53	8		010	21	15456	-55	2		358	26	17747	-53	8		002	18
MN	11093	-51	3		*267	08	12965	-51	4		*283	06	15599	-51	4		*297	09	17918	-50	8		*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ISACHSEN, N.W.T.
FEBRUARY 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	30 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	20 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	10 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01																				
02	19903	-33 6		165	13	23501	-32 4		135	09	26340	-33 9		086	11					
03	19789	-38 5		080	05	23333	-35 9				26172	-33 3								
04	19809	-43 1		000	00															
05	19860	-48 5		165	09	23308	-42 3		115	14										
06	19860	-43 3																		
07																				
08	20194	-45 4		322	23	23589	-46 0		330	23	26287	-45 8		328	25					
09	20486	-50 0		312	20															
10	20576	-48 5		304	08	23923	-49 5		336	09	26568	-51 8		206	08					
11	20588	-49 7		310	09	23920	-51 3		320	07	26546	-52 8		336	07					
12	20539	-47 9		310	09	23886	-51 0		296	02										
13																				
14	20341																			
15	20308	-51 5		293	08															
16																				
17	20219	-51 3		295	07	23522	-54 0		310	07	26110	-56 3								
18	20190	-52 5		306	04	23469	-55 6		305	07										
19	20166	-52 9		286	06	23426	-56 7		325	05										
20	20175	-52 5		288	09	23439	-57 1		291	10										
21	20162	-55 6		301	15	23419	-57 0		307	16										
22	20130	-55 7		305	20	23366	-57 5		299	20										
23	20106	-54 6		297	33	23344	-57 8		298	26										
24	19914	-56 0		298	41	23167	-57 5		293	33										
25	19930	-53 0		335	27	23197	-55 4		321	31										
26	19940	-52 9		324	21	23190	-58 9		320	27										
27	19870	-56 3		329	18	23111	-56 7		324	24	25647	-62 6								
28																				
MN	20133	-49 7		*308	12	23451	-51 8		*		26239	-48 1		*					*	

00 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00901	02	2 26	0					1	07 94	320	-60 8	294	0					8	01 02	886	204	14
02	00900	02	8 01	0					2	06 76	386	-57 6	283	0					9	22 72	034	192	14
03	00900	02	1 25	0					2	08 13	312	-58 6	299	0					9	18 12	064	058	11
04	873--	38	6 26	0					1	09 03	278	-60 3	307	0					9	08 71	293	170	48
05	874--	71	6 32	0					2	08 72	293	-56 3	308	0					9	08 50	303	151	60
06	9-0--	39	3 33	0					1	06 05	427	-48 1	287	0					8	07 80	327	175	40
07	20850	02	0 13	0					9					0					0				
08	00900	02	8 12	0					1	08 50	303	-54 5	308	0					9	24 70	025	326	27
09	65400	71	3 06	0					2	08 02	350	-46 3	312	0					9	07 30	367	233	54
10	70850	02	1 02	0					1	08 42	314	-54 4	305	0					9	05 79	466	280	34
11	854--	71	5 01	0					2	07 40	363	-47 0	302	0					9	06 84	394	250	40
12	00900	02	2 10	0					1	06 95	378	-51 6	293	1	12 96	155	-44 4	390	9	05 57	466	331	28
13	20840	38	0 01	0					0					0					0				
14	00900	39	1 07	0					2	07 18	365	-54 4	292	0					8	06 11	429	005	27
15	55500	02	6 02	0					1	07 67	336	-55 2	298	0					9	01 65	812	317	16
16	00900	39	1 03	0					1	07 17	360	-54 3	293	0					5	00 61	933	015	17
17	36400	02	0 03	0					1	06 46	400	-50 6	289	0					9	00 56	940	004	14
18	65400	46	1 21	0					1	07 47	348	-53 4	297	0					9	06 59	398	003	17
19	00900	02	1 10	0					1	07 61	342	-56 1	295	1	17 37	077	-52 4	459	9	04 97	512	290	15
20	00900	02	1 17	0					1	07 34	357	-55 0	293	0					9	06 30	420	313	25
21	00900	02	1 06	0					1	08 84	288	-62 1	302	2	19 33	057	-55 2	494	9	23 75	028	310	22
22	00900	38	6 06	0					1	08 87	288	-61 0	303	2	19 64	054	-55 5	501	9	20 79	048	304	24
23	00900	38	6 16	0					1	09 03	280	-65 4	299	0					9	22 01	037	302	39
24	30839	02	6 21	0					1	08 67	290	-59 4	305	0					9	18 59	062	296	46
25	20941	02	3 03	0					2	07 33	353	-56 0	293	0					9	20 50	046	334	37
26	20971	38	0 11	0					1	08 53	294	-59 2	304	1	16 24	089	-54 8	436	9	18 63	061	331	32
27	25600	02	2 06	0					1	08 32	301	-58 8	302	0					9	16 56	084	336	28
28	00900	39	0 00	0					1	08 56	293	-57 1	307	0					7	07 68	336	019	24
MEAN										07 88	331	-55 9	299		17 11	086	-52 5	456					

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	30 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	20 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	10 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	19921	-32 2		178	23	23544	-32 4		193	17										
02	19867	-34 7		133	07	23417	-32 8		094	12	26268	-33 8		081	11	31049	-39 3			
03	19750	-42 8		113	03	23269	-40 1		050	08	26052	-33 9								
04	19842	-49 3		150	10	23304	-40 7		068	13	26053	-40 8		033	06					
05	19923																			
06	19854	-44 1		087	08	23351	-38 8		332	06	26115	-42 1		349	10					
07	20040	-45 9		323	17	23455														
08	20325	-48 7		330	23	23682	-48 9		333	23	26350	-48 6		340	23					
09	20516	-48 9		339	14	23878	-47 4		339	12										
10	20613	-50 6		325	05	23932	-51 6		340	10	26557	-53 7		027	08					
11	20537	-48 3		312	08															
12	20493	-47 3		279	10	23857	-50 2		295	04										
13	20406	-49 9		266	07	23719	-53 6		264	06	26311	-55 9		282	03					
14	20268	-48 8		258	11	23604	-51 8		279	07	26215	-52 5		296	08					
15	20288	-50 7		322	08	23599	-52 3		291	06										
16	20217	-53 3		300	05	23518	-53 5		308	05										
17	20170	-53 7		310	02	23440	-55 9		280	07										
18	20191	-52 2		318	07															
19	20170	-53 9		280	08	23432	-55 6		300	08										
20	20144	-54 1		305	12	23392	-57 9		297	13										
21	20117	-56 1		309	17															
22	20062																			
23	19998	-56 7		295	29	23225	-57 9		302	32										
24	19837	-54 3		317	33	23086	-58 7		310	40										
25	19906	-53 0		336	21	23147	-57 7		329	24										
26	19938	-55 5		329	23	23178	-59 4													
27	19877	-53 4		340	18	23099	-59 4		304	12										
28	19881	-55 7		357	20															
MN	20113	-49 8		*316	09	23460	-50 3		*312	09	26240	-45 2		*		31049	-39 3		*	

12 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	2 10	0					1	07 89	322	-62 6	291	0					9	20 21	048	177	23
02	00900	02	2 03	0					1	08 03	315	-61 4	294	0					9	29 68	012	096	16
03	00900	02	8 14	0					2	08 12	318	-58 3	298	0					9	08 82	284	185	41
04	854--	71	8 30	0					1	10 39	226	-65 9	317	0					9	10 20	233	172	48
05	9-0--	39	2 43	0					1	10 71	212	-57 4	336	1	14 30	120	-60 8	389	8	10 48	220	162	80
06	00900	02	1 40	0					1	08 10	317	-54 9	303	1	10 83	207	-58 4	336	9	06 71	394	203	50
07	00900	02	4 00	0					2	08 70	292	-55 5	309	0					9	08 22	316	187	31
08	8081-	02	8 43	0					1	07 79	344	-54 6	297	0					9	07 30	370	212	30
09	00900	02	2 36	0					1	07 78	343	-49 2	304	2	16 51	092	-48 0	445	9	06 60	408	279	44
10	854--	71	7 36	0					1	09 03	288	-54 2	313	0					9	06 51	422	250	39
11	854--	39	2 34	0					1	06 93	381	-46 2	299	0					9	07 38	396	279	25
12	65400	37	7 25	0					1	07 60	340	-50 0	304	2	16 29	094	-44 8	448	9	05 30	480	296	33
13	00900	39	0 01	0					1	07 19	360	-51 4	297	1	13 12	149	-43 4	396	9	05 80	445	002	23
14	9-0--	43	1 01	0					1	07 88	325	-57 5	297	1	14 98	112	-47 7	422	9	08 20	308	353	19
15	00900	02	7 07	0					1	07 20	360	-53 0	295	0					9	01 41	837	353	12
16	00900	38	0 05	0					1	06 46	400	-51 9	287	0					9	01 35	843	006	20
17	00900	39	1 03	0					2	06 48	400	-49 4	291	0					9	05 92	436	012	18
18	00900	02	1 12	0					1	07 88	327	-56 4	298	7	21 16	043	-55 5	534	9	00 62	940	011	15
19	00900	02	1 18	0					1	08 30	308	-59 5	299	0					9	13 02	149	289	21
20	00900	02	3 18	0					1	08 44	304	-59 3	301	1	16 43	089	-51 1	443	9	05 90	450	352	27
21	00900	39	8 10	0					2	08 69	296	-59 9	302	6	19 74	053	-56 8	501	9	15 80	098	319	22
22	00900	39	6 18	0					2	08 65	296	-63 3	297	0					8	17 59	073	312	32
23	00900	02	8 13	0					2	08 19	316	-59 7	296	0					9	21 81	038	295	53
24	00900	02	8 22	0					2	07 89	324	-57 5	298	0					9	22 30	034	310	46
25	00900	39	0 31	0					1	08 85	279	-63 0	303	0					9	08 70	286	024	35
26	00900	39	0 03	0					1	07 56	342	-57 4	293	0					9	20 09	049	327	24
27	00900	10	2 14	0					1	08 20	306	-54 7	307	1	15 56	098	-53 4	427	9	15 68	096	352	29
28	00900	38	8 09	0					2	08 40	302	-58 3	303	6	19 16	056	-59 0	487	9	05 80	449	012	35
MEAN										08 12	319	-56 5	301		16 19	101	-52 6	439					

A Statistical Value for Relative Humidity
* Vector Mean Wind
\- Entered under Wind Direction indicates a Stratum of Missing Wind Data

ISACHSEN, N.W.T.

MARCH 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1010	-95	0	315	05	0097	-93	3	329	06	0465	-27	3	70	005	14	0854	-24	7	72	008	14
02	1003	-98	4	360	05	0048	-98	6	360	05	0410	-39	0	49	011	07	0788	-25	1	54	015	08
03	1006	-41	7	080	03	0068	-41	3	095	04	0420	-38	5		042	08	0794	-32	7		130	08
04	1005	-39	8	080	08	0061	-39	6	081	08	0420	-37	7		100	10	0788	-35	5		089	09
05	1005	-40	9	090	02	0066	-40	2	095	02	0430	-34	7	49	127	03	0800	-32	0	63	120	04
06	1007	-37	6	360	02	0080	-37	5	001	02	0445	-33	2	57	006	07	0819	-31	7	64	010	07
07	1011	-39	5	360	05	0104	-36	3	359	07	0470	-27	7	64	355	12	0857	-25	2	65	354	13
08	1009	-96	1	000	00	0095	-94	9	59	–	0460	-29	8	64	–		0844	-28	2	71	–	
09	1008	-97	5	180	04	0088	-97	7	180	04	0450	-33	4	69	190	07	0826	-31	1	75	194	09
10	1001	-93	5	110	05	0097	-93	6	110	05	0405	-35	1	71	156	10	077A	-32	2	70	156	12
11	1012	-45	1	180	06	0106	-45	3	189	07	0460	-39	8		217	11	0821	-38	1		243	15
12	1025	-45	5	000	00	0196	-40	0	245	03	0540	-34	6		247	07	0929	-33	0		252	07
13	1024	-39	2	000	00	0190	-37	0	35	–	0560	-28	4	59	–		0942	-28	1	66	–	
14	1019	-94	2	360	10	0162	-90	5	76	396	11	0530	-27	2	77	345	13	0920	-26	9	78	352	13
15	1011	-42	3	000	00	0103	-42	1		289	02	0470	-27	1	45	289	07	0854	-26	0	55	295	08
16	1012	-97	6	170	05	0115	-95	0		186	06	0480	-28	4	74	231	08	0867	-26	8	78	233	08
17	1010	-94	3	160	14	0101	-94	5	73	164	15	0465	-28	6	79	176	19	0849	-29	4	74	185	18
18	1005	-94	8	135	10	0067	-95	0	53	136	10	0440	-32	1	73	154	17	0810	-28	1	76	163	19
19	1014	-94	1	080	09	0125	-95	3	66	107	10	0480	-32	6	68	140	13	0868	-29	0	78	146	13
20	1026	-90	5	060	08	0211	-28	2	60	080	08	0570	-28	7	66	120	09	0965	-29	4	71	118	09
21	1029	-90	8	360	07	0231	-30	3		006	07	0605	-27	5	61	003	08	0987	-28	3	59	350	07
22	1025	-96	2	000	00	0202	-28	1	50	000	00	0570	-27	5	63	094	01	0959	-29	5	66	025	03
23	1008	-92	8	350	22	0087	-93	0	63	351	22	0450	-26	3	71	358	24	0844	-24	9	76	360	23
24	0997	-29	4	360	19	0006						0380	-28	7	75	006	26	0763	-23	5	79	019	26
25	1002	-29	4	020	09	0043	-29	6	75	020	09	0405	-32	4	76	025	07	0788	-28	7		053	05
26	1006	-93	6	360	07	0073	-94	1	71	001	10	0430	-35	9	67	003	05	0810	-29	3	74	026	12
27	1000	-91	8	000	00	0030	-91	8	42	000	00	0390	-35	2	48	152	03	0771	-29	2	55	163	05
28	1015	-92	6	000	00	0138	-29	3	35	113	01	0490	-31	8	40	103	03	0883	-33	7	40	084	03
29	1016	-95	7	340	03	0139	-33	0	49	339	05	0500	-31	8	51	335	08	0883	-30	7	54	341	08
30	1006	-97	4	000	00	0073	-98	2	28	000	00	0440	-29	6	55	268	03	0821	-26	4	54	334	06
31	1004	-91	8	350	02	0094	-92	0	58	350	04	0425	-26	6	63	360	11	0813	-22	4	57	001	14
MN	1011	-96	1	58	*		103	-95	2	57	*		466	-31	5	63	*		848	-29	0	66	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1271	-23	6	67	011	11	1715	-23	2	60	007	10	2205	-24	6	55	010	13	2686	-26	7	55	012	12
02	1207	-19	6	41	022	11	1657	-21	4	35	024	11	2130	-24	0	35	016	12	2631	-26	7	30	011	13
03	1202	-28	9	57	100	05	1637	-29	1	57	067	03	2100	-29	9	53	005	04	2587	-30	9	80	347	07
04	1187	-33	2	65	078	08	1616	-31	6	62	081	05	2070	-32	6	57	082	02	2556	-33	8	82	130	01
05	1206	-29	6	74	160	03	1638	-31	1	71	166	04	2095	-32	6	67	156	07	2581	-32	3	49	155	08
06	1227	-28	8	67	015	05	1661	-29	7	70	044	04	2130	-30	6	73	064	05	2609	-33	2	75	085	06
07	1271	-24	9	56	354	10	1714	-24	0	46	360	03	2195	-26	3	40	100	01	2681	-27	5	A19	148	04
08	1255	-27	5	76	–		1692	-27	6	79	–		2160	-28	5	80	–		2649	-29	4	81	–	
09	1233	-30	2	78	190	08	1665	-31	3	78	190	09	2135	-31	9	70	193	08	2608	-32	7	63	197	08
10	1178	-31	4	73	158	13	1608	-31	7	74	170	14	2070	-32	1	74	173	14	2550	-34	7	74	175	19
11	1214	-37	9		247	14	1633	-37	1		242	13	2085	-38	1		235	14	2552	-39	9		252	15
12	1331	-33	3	58	262	07	1737	-34	6	61	273	08	2220	-35	8	65	284	09	2685	-37	9	63	290	10
13	1351	-28	7	68	–		1785	-29	6	69	–		2240	-30	8	69	010	08	2752	-32	2	70	016	09
14	1392	-27	4	77	358	13	1768	-28	7	74	358	11	2240	-30	1	70	001	09	2717	-33	1	69	005	08
15	1267	-26	9	51	303	06	1706	-27	3	48	300	04	2180	-29	3	46	299	04	2659	-31	4	45	295	03
16	1279	-27	8	82	227	09	1715	-28	9	85	230	09	2180	-31	0	85	230	07	2662	-33	3	86	231	06
17	1256	-30	3	73	185	15	1688	-31	2	72	185	17	2160	-31	7	71	185	17	2632	-32	7	69	187	20
18	1221	-27	7	73	161	20	1658	-28	4	70	169	12	2130	-29	3	65	169	17	2611	-31	3	68	168	09
19	1277	-28	2	74	140	12	1711	-29	7	72	136	11	2180	-31	1	71	144	11	2658	-32	7	69	145	10
20	1372	-30	4	70	116	06	1803	-31	9	69	110	06	2260	-33	9	70	098	10	2740	-34	7	67	098	10
21	1395	-30	3	57	357	04	1827	-31	3	59	030	03	2280	-34	2	63	045	05	2762	-35	9	64	065	06
22	1365	-31	5	69	035	05	1793	-33	2	69	066	05	2295	-34	9	70	076	06	2725	-36	4	68	075	06
23	1260	-25	1	76	003	20	1701	-26	6	74	007	17	2170	-28	1	73	002	16	2659	-29	9	71	010	13
24	1181	-25	4	71	016	29	1625	-23	3	70	014	29	2100	-23	4	68	019	25	2600	-26	0	68	020	26
25	1201	-24	6		045	08	1644	-24	1	79	030	09	2115	-26	5	80	026	08	2612	-24	4	79	030	13
26	1229	-21	0	81	029	23	1677	-22	3	82	028	23	2150	-24	1	83	025	20	2654	-23	6	81	022	18
27	1182	-27	2	61	165	06	1620	-26	2	63	147	04	2100	-22	7	66	118	06	2601	-20	0	42	070	08
28	1285	-32	4	35	088	06	1714	-31	1	30	097	09	2180	-29	9	A20	098	09	2665	-28	8	A19	099	09
29	1290	-29	1	55	355	09	1724	-28	4	39	035	04	2200	-27	9	30	058	03	2682	-29	3	30	078	04
30	1235	-25	3	45	340	04	1677	-24	4	37	084	02	2160	-26	3	34	121	03	2643	-28	2	31	085	03
31	1235	-19	2	29	001	12	1688	-17	4	A17	005	11	2180	-19	9	A17	010	11	2680	-21	9	A18	012	12
MN	1258	-27	9	64	37	03	1694	-28	3	62	*		2163	-29	4	61	*		2647	-30	7	58	48	03

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1002	-93	3	63	360	18	0042	-32	9	63	360	18	0420	-25	2	72	002	18	0803	-24	1	74	006	18
02	1007	-41	3		000	00	0077	-41	1		158	01	0440	-33	0	46	198	07	0818	-27	1	55	140	04
03	1004	-40	4		000	00	0054	-40	1		111	02	0410	-36	0		111	11	0786	-35	1		106	15
04	1005	-40	7		000	00	0066	-39	8		110	01	0420	-36	3		111	04	0798	-32	6	38	115	04
05	1006	-40	0		000	00	0068	-39	2		102	01	0430	-35	2	45	102	03	0805	-30	1	61	105	02
06	1008	-40	2		350	07	0086	-38	8		351	07	0450	-29	2	64	355	10	0835	-28	4	66	003	12
07	1011	-34	2	72	320	06	0104	-34	2	73	335	07	0475	-26	0	70	005	09	0863	-25	0	66	017	09
08	1009	-37	2	44	000	00	0089	-36	2	46	180	01	0455	-30	7	57	180	02	0835	-27	9	67	180	03
09	1008	-41	6		000	00	0081	-40	3		168	01	0440	-35	8	46	173	07	0812	-33	4	58	187	09
10	1002	-45	1		240	08	0040	-45	2		240	08	0395	-38	5		223	06	0761	-36	3		288	09
11	1020	-46	7		230	02	0161	-47	4		232	05	0510	-33	8		265	10	0893	-33	5	59	282	14
12	1025	-43	4		260	02	0198	-38	9		266	04	0560	-30	7	60	285	05	0942	-30	1	65	300	05
13	1021	-37	6		360	05	0174	-32	1	52	358	07	0540	-27	4	65	357	11	0932	-26	5	70	358	12
14	1015	-37	1	70	310	05	0133	-34	7	64	312	06	0500	-27	1	70	323	09	0885	-26	4	70	327	09
15	1010	-40	3		000	00	0101	-39	4		244	02	0465	-26	9	56	250	04	0849	-25	8	69	268	05
16	1013	-36	0	70	160	13	0116	-36	1	70	163	13	0475	-29	7	73	170	14	0863	-28	2	73	180	13
17	1006	-36	1	70	150	11	0071	-36	5	72	151	12	0430	-32	2	72	163	14	0813	-28	6	74	170	15
18	1009	-33	4	63	120	09	0092	-33	8	64	125	09	0460	-28	0	71	148	16	0843	-27	2	75	154	16
19	1021	-35	5	60	000	00	0172	-31	8	59	126	06	0530	-29	1	61	133	12	0923	-28	3	64	137	12
20	1029	-29	9	48	090	03	0238	-26	9	49	088	05	0605	-26	9	58	085	07	0997	-28	6	64	084	07
21	1026	-38	0		000	00	0212	-30	0	46	141	02	0575	-27	3	58	132	03	0969	-28	2	63	114	04
22	1018	-38	1		340	04	0195	-34	0	60	349	06	0520	-26	2	64	008	09	0914	-26	2	60	016	09
23																								
24	0996	-32	2	73	350	12	0002						0370	-34	9	71	360	19	0744	-25	7	71	017	23
25	1007	-33	6	72	010	11	0079	-34	0	73	011	11	0435	-34	2	73	024	05	0817	-35	4	75	022	05
26	1000	-32	4	73	030	07	0032	-32	4	73	030	07	0390	-35	8	71	033	07	0767	-30	3	71	033	10
27	1008	-36	4	58	070	06	0085	-35	9	57	090	06	0450	-31	3	56	146	05	0828	-30	8	62	148	06
28	1018	-37	7		000	00	0153	-34	2	49	340	03	0505	-31	6	51	345	05	0897	-31	3	52	353	05
29	1010	-41	4		250	02	0100	-35	9	39	239	03	0465	-31	0	46	312	08	0847	-30	1	45	322	07
30	1004	-38	4	58	350	08	0053	-34	7	59	350	08	0430	-26	6	62	354	11	0811	-22	9	44	001	10
31	1001	-33	9	34	350	04	0039	-33	8	34	351	04	0410	-29	0	50	012	07	0791	-25	5	64	008	07
MN	1011	-37	6	62	*		102	-36	2	58	*		465	-30	9	61	*		848	-29	0	63	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1221	-24	0	74	008	21	1664	-24	4	74	007	18	2140	-24	8	74	008	17	2635	-26	1	74	010	20
02	1290	-26	5	57	072	02	1669	-25	8	59	028	05	2150	-25	2	43	013	09	2637	-27	3	37	016	11
03	1185	-34	8	54	101	11	1611	-32	6	56	085	07	2070	-33	0	58	056	03	2550	-34	0	58	050	02
04	1201	-31	3	51	120	06	1632	-30	1	65	127	05	2090	-31	4	66	133	04	2577	-32	6	51	147	07
05	1212	-29	7	66	112	03	1644	-30	5	67	115	06	2100	-31	3	69	119	08	2588	-33	3	70	120	09
06	1245	-27	5	63	003	09	1684	-26	1	67	019	05	2150	-28	2	63	097	02	2642	-29	4	46	117	03
07	1278	-25	7	62	031	05	1721	-23	8	63	053	02	2195	-26	9	73	045	05	2688	-26	7	76	085	04
08	1246	-28	8	71	180	05	1679	-30	1	74	193	05	2160	-30	0	76	197	05	2629	-31	3	76	188	05
09	1214	-32	8	64	201	10	1642	-33	2	69	195	12	2095	-35	2	70	194	14	2572	-37	4	71	197	18
10	1159	-35	7		229	09	1581	-36	9		221	08	2020	-38	4		212	09	2499	-40	8		212	11
11	1294	-34	1	62	277	13	1717	-36	1	62	280	14	2170	-38	8	61	281	08	2634	-40	7		275	10
12	1349	-29	7	71	307	06	1781	-30	8	72	330	06	2240	-32	2	73	333	08	2722	-34	6	72	344	09
13	1344	-27	7	68	001	11	1781	-28	9	66	003	09	2245	-30	7	66	007	09	2729	-33	0	65	010	10
14	1298	-26	7	67	328	08	1736	-27	7	64	325	05	2210	-29	8	57	327	06	2687	-32	2	51	343	04
15	1262	-26	8	74	283	06	1700	-28	0	79	287	05	2170	-30	2	79	283	04	2650	-32	6	78	293	04
16	1274	-27	4	73	185	11	1711	-28	3	74	191	13	2175	-29	9	74	194	13	2662	-33	0	74	193	13
17	1221	-29	7	74	179	17	1653	-31	1	74	177	17	2115	-31	8	74	181	14	2596	-33	0	73	173	13
18	1254	-28	7	75	153	15	1687	-30	2	75	159	15	2150	-31	9	76	155	16	2633	-32	2	73	159	12
19	1394	-28	8	64	139	10	1767	-30	5	63	122	10	2225	-31	6	59	123	11	2712	-32	2	51	119	11
20	1404	-31	8	68	084	06	1893	-33	1	67	087	05	2290	-34	3	66	096	07	2766	-36	0	66	095	08
21	1377	-29	8	62	104	06	1809	-31	6	61	091	07	2275	-34	1	62	076	07	2742	-36	8	63	068	06
22	1326	-27	9	60	022	09	1760	-30	2	61	024	09	2220	-31	1	58	025	08	2706	-33	7	54	038	07
23																								
24	1161	-20	9	72	013	32	1609	-21	8	69	013	25	2090	-22	7	66	010	19	2588	-24	6	70	017	20
25	1224	-25	8	76	031	09	1667	-23	4	79	033	15	2155	-23	2	80	030	20	2644	-23	8	81	020	21
26	1180	-24	1	86	030	15	1625	-18	4	86	030	16	2115	-18	7	87	032	18	2618	-20	6	84	031	19
27	1234	-30	7	66	127	06	1665	-30	6	71	121	05	2130	-29	6	71	097	06	2617	-28	2	69	077	09
28	1302	-30	7	49	004	05	1734	-29	1	39	033	03	2205	-27	7	A19	044	03	2692	-29	7	A20	046	05
29	1255	-28	9	51	327	06	1691	-28	3	41	335	04	2165	-28	3	32	008	01	2648	-29	8	34	030	02
30	1233	-19	6	33	020	09	1684	-20	7	26	038	06	2160	-22	1	32	044	04	2664	-24	8	52	060	06
31	1209	-22	3	61	011	08	1656	-22	8	35	360	07	2130	-24	2	46	347	10	2629	-26	0	56	352	13
MN	1258	-28	3	65	25	03	1693	-28	5	64	*		2160	-29	6	63	*		2645	-31	2	62	53	03

A — Statistical Value for Relative Humidity

** — Vector Mean Wind*

– — Entered under Wind Direction Indicates a Stratum of Missing Wind Data

ISACHSEN, N.W.T.

MARCH 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3793	-29	6 29	010	11	5075	-36	6 31	360	10	6583	-47	5	013	20	8432	-59	4	010	22
02	3734	-31	5 A20	021	11	5003	-39	3 A22	032	08	6502	-47	6	039	08	8365	-53	2	022	06
03	3678	-33	9 A21	340	11	4938	-40	5	341	15	6431	-47	9	358	13	8295	-52	8	006	06
04	3630	-36	9 40	224	07	4877	-42	3	227	16	6364	-49	0	220	13	8239	-50	9	197	07
05	3656	-38	0 43	148	12	4892	-45	4	156	19	6356	-51	4	151	18	8227	-49	4	163	10
06	3678	-38	2 61	119	08	4920	-42	9	121	08	6406	-48	3	135	13	8286	-50	2	139	13
07	3780	-32	5 A20	160	10	5048	-39	6 A22	178	19	6539	-50	9	165	19	8381	-54	4	174	15
08	3744	-33	3 81	-		5003	-41	7	-		6482	-52	1	-		8323	-54	4	-	
09	3681	-37	8 54	198	10	4921	-44	0	188	16	6390	-51	8	183	22	8258	-50	1	194	14
10	3609	-41	9	190	23	4834	-44	5	192	31	6321	-46	7	196	25	8234	-45	5	195	15
11	3595	-43	9	231	16	4813	-44	9	220	20	6307	-44	0	216	21	8225	-47	0	212	12
12	3735	-43	9	293	10	4938	-51	3	290	10	6388	-51	3	264	08	8262	-50	0	250	07
13	3808	-38	4 73	020	13	5037	-47	2	025	13	6486	-55	7	026	10	8308	-55	3	040	04
14	3788	-38	7 66	027	04	5017	-47	1	034	06	6467	-55	9	117	03	8276	-58	0	176	03
15	3737	-38	0 36	296	03	4970	-46	0	301	02	6422	-55	5	270	02	8234	-58	5	205	02
16	3728	-40	4	244	07	4952	-47	6	272	04	6396	-56	5	329	07	8197	-60	2	271	04
17	3701	-39	6 66	190	11	4926	-47	7	187	16	6374	-55	1	189	18	8176	-60	9	184	08
18	3687	-38	3 67	158	12	4919	-46	7	177	11	6365	-57	0	200	07	8160	-61	5	183	08
19	3730	-39	2 66	145	07	4957	-47	7	162	07	6397	-58	0	143	08	8190	-62	8	315	02
20	3805	-40	0 62	085	10	5028	-47	6	085	12	6476	-56	9	083	12	8277	-59	4	090	08
21	3820	-40	2	066	11	5051	-45	8	085	11	6510	-54	0	068	13	8329	-59	9	075	10
22	3781	-41	9	091	07	4998	-48	4	089	09	6444	-55	1	070	09	8278	-54	6	050	06
23	3741	-35	9 68	012	13	4989	-43	8	055	06	6452	-54	4	056	09	8273	-55	6	060	06
24	3703	-32	0 68	020	21	4969	-41	2	019	24	6453	-50	9	035	20	8288	-55	4	030	12
25	3729	-29	1 77	028	18	5011	-37	1 73	027	18	6525	-45	7	044	19	8395	-57	8	050	16
26	3774	-25	9 75	035	12	5069	-35	5 72	046	14	6582	-47	4	039	16	8422	-59	9	045	16
27	3793	-25	1 A18	057	13	5033	-33	9 47	059	18	6559	-45	3	050	21	8420	-58	3	056	23
28	3760	-32	8 A20	089	14	5020	-41	5	086	16	6506	-49	9	085	20	8375	-50	6	069	18
29	3772	-34	8 31	055	06	5024	-42	4	057	10	6503	-51	2	055	21	8352	-53	3	050	13
30	3795	-34	5 30	127	10	4988	-42	1	141	17	6470	-50	5	125	13	8340	-48	7	095	09
31	3798	-27	9 41	346	07	5075	-40	2	335	07	6564	-48	9	030	05	8399	-58	5	054	07
MN	3730	-35	9 49	*		4977	-43	3 45	* 112	04	6452	-51	4	* 93	05	8297	-55	0	* 86	04

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11009	-53	0	015	13	12867	-52	8	010	18	15475	-55	0	002	23	17767	-55	2	005	14
02	10996	-50	7	020	12	12868	-52	1	009	13	15481	-54	0	018	16	17778	-52	5	017	18
03	10948	-48	9	086	02	12839	-48	4	065	04	15499	-50	7	100	03	17820	-51	9	115	04
04	10909	-47	3	180	03	12814	-46	7	173	04	15499	-48	2	152	06	17839	-50	5	143	06
05	10900	-48	1	165	04	12798	-47	2	176	03	15476	-48	9	163	03	17812	-49	8	134	02
06	10936	-48	2	176	07	12849	-48	1	166	05	15523	-48	6	140	01	17857	-50	4	124	03
07	11016	-49	8	178	07	12902	-49	1	175	08	15553	-49	9	180	07	17867	-53	2	174	08
08	10972	-47	8	171	05	12874	-47	9	177	07	15530	-52	4	170	06	17842	-52	5	172	09
09	10946	-46	9	193	03	12858	-46	9	185	05	15533	-50	1	157	04	17858	-53	0	153	05
10	10937	-46	6	192	11	12843	-46	9	206	08	15509	-49	4	284	03	17827	-53	4	229	03
11	10916	-48	3	203	06	12812	-49	0	224	05	15471	-49	7	202	06	17791	-53	4	260	03
12	10929	-47	9	211	05	12826	-48	5	230	07	15488	-50	0	257	03	17806	-52	6	339	03
13	10937	-49	3	193	04	12823	-50	0	242	04	15479	-50	2	240	04	17807	-48	8	315	05
14	10877	-52	2	201	04	12747	-51	5	232	05	15383	-50	8	236	10	17711	-50	9	245	09
15	10832	-52	6	211	04	12689	-52	9	191	07	15300	-53	8	196	14	17590	-53	6	200	21
16	10777	-54	6	171	03	12615	-55	5	156	08	15185	-57	4	175	12	17431	-59	0	165	15
17	10759	-54	5	155	05	12596	-55	5	158	11	15161	-58	2	159	11	17410	-57	7	168	15
18	10737	-54	3	173	07	12571	-56	9	195	04	15131	-59	1	176	08	17373	-59	2	166	08
19	10741	-57	2	203	03	12555	-58	3	203	05										
20	10843	-56	1	184	02	12661	-58	3	200	03	15200	-59	8	265	06	17429	-60	7	244	08
21	10897	-56	5	110	03	12713	-57	9	287	02	15260	-59	8	247	04	17479	-61	7	238	06
22	10889	-53	1	010	01	12737	-54	6	324	06	15314	-57	9	315	10	17556	-59	7	305	12
23	10895	-51	1	342	05	12765	-51	5	338	07	15389	-53	2	308	08	17673	-55	8	301	11
24	10913	-49	2	010	06	12795	-50	4	347	04	15432	-53	1	327	05	17726	-54	5	283	06
25	10976	-52	5	025	09	12836	-51	4	019	07	15460	-53	1	350	07	17757	-54	9	315	06
26	11011	-52	2	027	12	12868	-53	6	020	09	15486	-53	4	012	08	17780	-54	2	351	08
27	11021	-51	3	071	12	12881	-53	0	057	10	15496	-53	6	035	13	17786	-54	8	015	06
28	11036	-48	8	060	12	12914	-51	4	056	08	15533	-52	7	022	08	17822	-56	4	020	07
29	11005	-48	7	047	11	12890	-50	6	030	07	15518	-52	3	028	05	17815	-54	3	011	04
30	11006	-48	3	097	05	12896	-49	8	065	04	15533	-51	3	032	02	17830	-53	6	335	04
31	11016	-50	9	037	05	12887	-51	2	025	06	15521	-52	6	001	04	17814	-55	0	338	06
MN	10923	-50	9	* 97	02	12793	-51	5	* 85	00	15427	-53	0	* 304	01	17722	-54	4	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3736	-32	8 69	012	18	5003	-38	8	007	16	6505	-48	0	360	20	8363	-53	6	011	15
02	3736	-32	4 A20	012	10	5001	-39	9 A22	017	15	6497	-49	0	008	13	8354	-53	6	018	10
03	3619	-38	5 44	303	05	4856	-44	1	298	08	6343	-47	2	283	11	8235	-48	6	301	04
04	3654	-37	4 34	166	10	4892	-45	0	173	12	6361	-51	9	176	09	8228	-49	7	167	06
05	3657	-39	1	119	13	4886	-46	8	132	17	6356	-49	0	145	13	8243	-49	3	147	11
06	3731	-34	0 35	153	08	4987	-41	9	162	15	6470	-49	6	163	26	8326	-52	1	160	15
07	3789	-32	6 77	129	07	5050	-41	3	130	08	6531	-51	6	149	10	8371	-55	3	161	10
08	3715	-34	1 78	186	07	4970	-42	1	192	05	6448	-52	2	197	06	8297	-51	9	193	06
09	3625	-42	5	196	24	4843	-45	8	197	24	6322	-48	0	207	22	8224	-46	8	205	09
10	3536	-45	8	208	13	4765	-41	8	196	18	6276	-42	2	193	21	8216	-42	3	198	16
11	3678	-43	9	260	13	4890	-47	7	245	17	6351	-50	5	228	17	8232	-47	4	230	14
12	3785	-40	1	354	10	5011	-47	0	360	14	6460	-55	9	008	13	8292	-53	4	345	02
13	3801	-38	3	023	08	5032	-46	8	025	09	6480	-55	9	029	10	8295	-56	7	092	02
14	3763	-38	2 41	347	02	4996	-46	2	213	01	6447	-55	5	191	04	8253	-58	9	182	03
15	3722	-39	3 77	323	04	4948	-47	7	305	04	6390	-57	1	300	04	8189	-59	3	284	02
16	3730	-40	0 73	207	10	4956	-47	1	204	12	6402	-56	9	176	05	8196	-60	3	200	04
17	3664	-40	3	186	09	4883	-49	0	176	11	6325	-55	6	190	11	8127	-60	3	183	10
18	3707	-38	9 71	133	07	4935	-46	7	148	11	6382	-57	0	148	10	8168	-61	6	158	06
19	3785	-38	9 39	093	13	5014	-47	1	090	11	6457	-57	4	105	09	8243	-61	0	099	05
20	3825	-41	0	075	10	5052	-46	0	097	11	6506	-55	1	133	15	8319	-59	6	118	10
21	3794	-42	0	061	11	5015	-47	9	059	11	6463	-54	6	051	16	8289	-56	1	063	11
22	3774	-39	6 46	068	06	5001	-47	3	083	08	6448	-55	6	096	08	8278	-54	2	074	06
23																				
24	3698	-30	1 59	040	15	4970	-39	4 64	059	17	6462	-50	4	043	17	8305	-54	8	058	13
25	3762	-28	2 80	033	18	5052	-35	2 77	037	16	6573	-45	4	045	15	8439	-58	3	037	15
26	3748	-25	8 79	036	21	5046	-35	1 77	042	18	6562	-47	1	062	21	8415	-57	7	061	20
27	3729	-27	9 70	067	14	5020	-35	3 60	056	19	6540	-45	7	062	24	8404	-58	0	045	25
28	3781	-34	1 A21	065	10	5036	-42	2	075	15	6512	-52	4	073	21	8352	-53	7	074	20
29	3731	-36	7 42	030	08	4972	-44	7	019	12	6440	-51	7	029	15	8305	-50	1	038	09
30	3767	-31	0 68	093	10	5040	-39	7 67	122	14	6533	-48	7	133	17	8388			114	16
31	3794	-31	4 72	356	15	5003	-39	4 72	010	17	6497	-49	5	003	19	8339	-54	3	010	16
MN	3726	-36	5 57	*		4971	-43	5 63	* 81	04	6445	-51	6	* 86	04	8290	-54	4	* 83	04

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10992	-52	6	023	12	12863	-52	3	017	14	15469	-54	2	007	21	17765	-54	4	013	19
02	10985	-50	9	018	06	12861	-50	9	028	07	15498	-52	4	051	06	17800	-53	2	031	07
03	10913	-47	4	090	01	12815	-47	2	144	05	15491	-49	2	131	07	17818	-51	8	151	05
04	10903	-47	5	175	03	12804	-47	6	180	04	15485	-48	4	140	04	17829	-50	4	140	05
05	10912	-48	0	158	06	12810	-48	2	150	03										
06	10979	-49	2	160	07	12860	-49	9	195	07										
07	11005	-49	2	181	05	12892	-49	0	181	06	15540	-51	6	189	07	17842	-54	0	190	07
08	10975	-45	5	172	04	12886	-47	3	187	08	15550	-50	1	171	05	17866	-52	7	165	03
09	10918	-46	9	195	11	12823	-47	8	203	03	15484	-50	2	208	02	17803	-52	3	145	02
10	10927	-46	3	196	06	12826	-47	8	213	07	15487	-51	0	208	02	17797	-53	3	198	07
11	10915	-47	2	235	06	12807	-48	7	205	04	15467	-50	9	207	02	17776	-53	6	255	01
12	10935	-49	4	245	03	12821	-49	2	228	05	15481	-49	6	244	03	17810	-51	2	336	03
13	10918	-50	2	212	03	12801	-49	4	231	04	15493	-50	9	244	05	17784	-50	6	268	04
14	10847	-52	1	198	06	12710	-52	2	197	05	15330	-53	2	209	10	17634	-52	5	228	14
15	10763	-54	7	164	05	12601	-55	7	179	07	15170	-58	1	180	12	17426	-57	1	190	16
16	10765	-55	9	175	06	12590	-57	3	155	07	15143	-59	1	193	13	17372	-60	8	185	15
17	10706	-57	0	172	10	12532	-57	3	146	05	15084	-58	3	177	12	17319	-59	1	150	09
18	10726	-56	2	178	05	12544	-57	5	182	05	15073	-61	7	187	05	17276	-62	7	188	05
19	10801	-56	9	200	02	12619	-58	0	209	03	15161	-60	5	241	03	17380	-60	9	265	06
20	10878	-57	9	120	02	12688	-59	0	000	00	15228	-60	7	220	04	17442	-62	6	246	06
21	10883	-55	7	022	02	12709	-57	3	345	03	15299	-59	9	290	07	17478	-62	2	288	08
22	10898	-52	4	001	04	12758	-52	8	333	06	15357	-55	7	323	10	17621	-57	5	300	15
23																				
24	10922	-51	2	018	05	12799	-49	9	344	05	15430	-53	1	357	05	17724	-55	5	326	04
25	11017	-52	3	028	12	12877	-53	2	005	08										
26	11010	-52	8	055	12	12863	-53	9	044	09	15496	-54	2	023	10	17736	-56	2	019	11
27	11019	-51	2	062	14	12886	-52	7	050	07	15488	-53	9	032	10	17778	-55	2	019	06
28	10998	-49	7	061	12	12873	-51	8	057	10	15481	-54	9	033	07	17763	-56	0	034	07
29	10971	-49	2	058	08	12861	-49	7	053	05	15492	-52	7	041	04	17787	-54	9	029	04
30	11034	-50	3	081	07	12912	-50	7	063	04	15538	-53	5	033	03	17826	-54	5	346	05
31	10988	-48	9	360	09	12880	-49	0	030	06	15520	-52	8	009	05	17806	-55	3	325	06
MN	10917	-51	2	* 100	02	12786	-51	8	* 117	01	15393	-54	1	* 135	00	17676	-55	6	*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ISACHSEN, N.W.T.
MARCH 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19914	-56.6		353	14	23126	-60.9		004	17										
02	19947	-54.2		016	14	23193	-57.6		031	11										
03	19981	-56.0		098	05	23223	-59.3		055	04										
04	20020	-53.4		135	07	23267	-58.9		145	07										
05	19989	-54.6		118	06	23234	-58.8		096	03										
06	20031	-53.8		039	03	23284	-58.3		107	05										
07	20020	-56.3		156	07	23248	-58.4		129	07	25767	-63.8		148	06					
08	20002	-56.0		178	06	23221	-59.3		159	10										
09	20021	-55.6		218	03	23261	-59.1		170	08	25784	-63.3								
10	19992	-55.0		167	02	23226	-59.3		249	08	25745	-63.8		018	09					
11	19951	-55.2		283	02	23186	-59.0		300	07										
12	19971	-54.4		358	06	23205														
13	20008	-50.5		308	05	23293	-55.8		322	13										
14	19908	-49.5		260	07	23223	-54.4		255	17	25784	-61.8		267	18					
15	19762	-52.1																		
16	19545	-57.9		175	19	22776	-57.6		183	20	25325	-59.6								
17	19534	-58.3		173	12	22747	-57.9		170	17										
18	19481	-58.6		178	10	22700	-56.7		224	09	25282	-55.9		195	17	29668	-58.2		246	07
19																				
20	19512																			
21	19558	-62.8		250	10	22724	-59.2													
22	19651	-60.9		309	17	22842	-60.5		290	11	25361	-60.8		295	13					
23	19804	-57.8		290	11	23014	-59.4		279	16	25545	-60.7		295	13					
24	19870	-56.9		291	09	23078	-60.4		259	11										
25	19902	-56.3		307	08	23117	-59.5		301	10	25645	-61.1		275	10					
26	19926	-57.6		348	12	23139	-59.5		303	04	25674	-61.1								
27	19926	-57.5		022	07	23119	-62.1		002	10										
28	19957	-57.3		009	04	23163	-59.4		004	06	25698	-60.8		051	05					
29	19953	-57.5		350	03	23175	-58.8		343	09	25708	-61.7		018	01					
30	19986	-55.7		360	03	23212	-59.2		350	06	25738	-61.6		310	07					
31																				
MN	19866	-56.0		*302	01	23111	-58.8		*269	02	25620	-61.2		*		29668	-58.2		*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	44	8 02	0					1	08.72	286	-60.1	305	6	22.92	031	-61.8	570	9	15.60	098	001	24
02	00900	02	1 08	0					2	07.30	354	-53.0	297	0					9	18.32	064	011	23
03	10840	02	6 05	0					2	07.43	343	-53.1	299	0					9	05.05	492	342	15
04	00901	02	0 03	0					1	06.98	365	-51.1	297	0					9	05.49	456	223	20
05	15500	02	3 04	0					2	05.77	438	-50.6	282	0					9	05.80	436	156	21
06	00906	02	1 11	0					1	07.45	341	-51.0	303	2	18.44	064	-52.3	483	9	07.90	318	138	16
07	16400	02	2 11	0					1	07.37	352	-56.1	292	0					9	05.89	441	166	20
08	35431	70	1 01	0					1	07.82	324	-56.5	299	1	15.59	099	-52.7	427	9	23.36	029	165	11
09	30847	02	8 01	0					1	06.80	375	-52.8	292	1	23.46	029	-60.1	586	9	06.31	405	182	22
10	872--	71	8 15	0					2	03.96	570	-43.8	269	0					9	04.58	519	193	33
11	00900	10	2 32	0					2	03.90	574	-45.0	267	1	11.47	184	-50.1	362	9	05.74	437	218	25
12	00905	02	0 05	0					1	04.86	506	-51.3	269	0					1	22.24	035	352	11
13	00901	10	7 04	0					1	07.45	344	-58.5	292	0					1	23.60	029	324	14
14	00906	36	0 01	0					1	07.61	334	-59.8	292	6	26.11	019	-63.0	652	9	25.95	019	264	19
15	00905	02	7 03	0					1	07.83	320	-60.3	295	0					8	17.78	068	207	26
16	00906	10	1 03	0					1	07.48	336	-61.1	289	0					9	20.95	040	189	23
17	00900	39	5 09	0					1	08.09	304	-61.6	297	0					9	02.70	693	168	21
18	9-0--	45	0 06	0					1	07.88	314	-63.2	292	0					9	00.99	886	160	23
19	00904	02	2 18	0					1	08.06	306	-63.4	294	0					7	00.62	932	147	15
20	00906	02	3 12	0					1	07.17	359	-60.5	285	0					8	06.70	385	089	13
21	50930	02	4 00	0					1	08.13	309	-60.3	298	0					9	21.77	035	278	25
22	00901	02	8 05	0					1	06.78	380	-56.3	287	0					9	24.39	023	302	20
23	9-0--	39	7 29	0					1	07.37	346	-59.2	290	0					9	00.33	967	355	25
24	9-0--	39	6 18	0					1	07.68	330	-57.6	296	0					9	01.50	814	015	31
25	875--	36	1 17	0					1	08.90	276	-60.5	307	0					9	07.60	340	052	20
26	00905	39	8 06	0					1	08.26	308	-59.9	299	0					9	01.40	831	029	25
27	00900	02	2 11	0					1	08.30	306	-58.5	301	0					9	07.98	322	054	25
28	00900	02	2 10	0					1	07.56	340	-52.5	300	1	13.36	140	-52.9	386	9	07.50	343	080	24
29	00900	02	8 04	0					1	07.43	346	-55.3	295	0					9	06.70	388	056	22
30	00900	02	4 00	0					2	06.79	382	-51.7	292	0					9	05.20	485	143	19
31	10830	36	1 12	0					2	07.60	341	-57.2	294	0					8	00.66	921	003	15
MEAN										07.25	358	-56.2	292		18.76	081	-56.1	495					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19914	-54.8		022	15															
02	19972	-52.8		032	10	23224	-59.0		062	08										
03	19987	-54.2		143	05	23226														
04	19995	-54.9		154	05	23225	-58.9													
05																				
06																				
07	19992	-56.1		160	08	23202	-60.1		133	09										
08	20025	-55.7		167	03	23248	-60.0		158	05										
09	19963	-55.7		175	03	23186	-59.8		267	05	25689	-64.2		096	01					
10	19949	-56.0		093	02	23178	-59.4		302	05	25702	-61.2		010	06					
11	19930	-55.9		336	04	23153	-59.7		347	10										
12	19990	-52.8		007	07	23243	-60.3		355	19										
13																				
14	19815	-52.2		224	17															
15	19552	-56.4		195	22	22781	-58.3		208	25										
16	19462	-60.9		165	14	22644	-60.9													
17	19400	-62.2		153	10	22573														
18	19365	-61.0		214	07															
19	19473	-60.9		251	08	22664														
20	19505																			
21	19559	-61.5		292	10	22736	-60.7		276	10										
22	19741	-57.9		292	15	22935	-61.4		304	20	25441	-63.0		292	14					
23																				
24	19859	-57.3		300	08															
25																				
26	19863	-58.8		345	05	23052	-61.2		298	04										
27	19905																			
28	19890	-58.4		004	04	23088	-60.6		354	06	25601	-61.8		340	06					
29	19926	-57.1		359	03	23140	-59.4		007	09										
30	19974	-56.3		337	05	23193														
31	19949	-56.3		353	07	23174	-59.6		344	10	25698	-61.0		339	13					
MN	19806	-56.9		*228	01	23043	-60.0		*		25626	-62.2		*					*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	39	7 21	0					1	07.78	328	-56.0	298	1	13.22	142	-53.9	383	9	15.80	095	007	27
02	00900	02	2 09	0					1	07.72	331	-54.9	299	0					9	04.90	507	017	15
03	00900	02	3 02	0					2	06.34	400	-47.2	293	0					9	00.74	907	107	15
04	00900	02	0 02	0					1	06.71	379	-52.8	291	1	19.73	052	-55.4	507	9	04.30	545	175	13
05	25401	71	1 08	0					2	04.98	492	-47.4	277	0					7	04.74	510	132	17
06	46400	02	2 02	0					1	07.40	346	-54.7	296	0					7	06.70	386	159	31
07	00903	02	8 03	0					1	07.88	324	-57.0	298	0					9	06.08	428	149	11
08	35500	02	2 01	0					2	07.13	360	-54.3	293	0					9	12.90	150	188	09
09	60990	71	8 03	0					1	04.31	542	-46.3	270	1	19.34	055	-56.4	496	9	03.65	598	196	25
10	25400	02	2 22	0					1	03.51	604	-46.1	262	0					9	05.88	424	197	23
11	00900	02	2 29	0					1	05.83	434	-50.6	283	0					9	04.52	529	247	18
12	00900	02	2 01	0					1	07.03	366	-57.5	287	0					9	22.90	032	356	23
13	00901	46	6 03	0					2	07.06	366	-58.2	286	0					8	00.80	918	359	12
14	00901	76	7 10	0					1	07.67	329	-60.1	292	0					9	21.27	040	245	18
15	00905	02	2 07	0					1	07.54	333	-61.3	290	0					9	23.02	029	209	26
16	9-0--	39	8 04	0					1	07.56	333	-62.5	288	0					9	21.63	035	160	20
17	00900	39	7 10	0					2	07.17	349	-60.4	287	1	18.28	060	-63.2	468	9	01.22	890	172	15
18	854--	42	1 13	0					2	07.77	320	-64.9	288	0					9	00.69	920	154	16
19	00900	02	2 16	0					2	07.09	362	-61.8	283	0					9	03.38	636	098	15
20	00904	02	2 04	0					1	07.99	316	-60.3	296	0					8	07.00	370	141	16
21	00901	02	4 00	0					2	06.87	375	-56.2	287	0					9	06.18	418	052	17
22	00901	02	7 13	0					1	07.08	362	-57.4	288	0					9	20.50	044	327	23
23																							
24	00900	39	3 21	0					1	07.50	341	-55.6	296	2	14.31	119	-52.8	404	9	01.25	840	013	33
25	60930	36	2 08	0					1	08.99	274	-60.6	307	0					7	02.40	725	033	21
26	8092-	36	7 10	0					1	08.53	295	-57.9	306	0					9	03.50	621	032	22
27	00900	02	2 22	0					2	08.32	304	-57.9	303	1	13.22	142	-54.1	383	8	06.42	408	053	25
28	00900	02	2 06	0					1	07.51	342	-56.9	294	0					9	07.40	348	068	22
29	00901	10	7 09	0					2	06.69	385	-52.2	291	0					9	05.90	434	021	15
30	00908	10	8 07	0					9					0					9	06.92	376	122	19
31	26400	02	6 03	0					1	08.06	314	-57.3	301	0					9	06.79	383	003	23
MEAN										07.10	366	-56.1	291		16.35	095	-56.0	440					

A — *Statistical Value for Relative Humidity*
* — *Vector Mean Wind*
\- — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ISACHSEN, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1001	-33	9 38	090	03	0095	-33	9 38	093	03	0400	-33	4 46	137	02	0779	-27	7 62	151	05
02	1004	-34	7 34	090	03	0057	-34	7 35	095	03	0420	-31	1 46	149	05	0803	-28	6 59	147	03
03	1010	-36	9 39	090	07	0101	-35	7 42	099	08	0465	-34	6 49	140	11	0838	-34	6 53	134	11
04	1002	-33	0 55	020	04	0043	-32	8 54	025	04	0410	-33	3 47	060	05	0782	-36	2 52	058	04
05	1002	-33	9 50	060	08	0043	-34	0 50	062	08	0410	-35	4 55	107	09	0777	-36	9 60	106	08
06	1003	-30	8 50	360	03	0053	-30	9 50	012	03	0420	-31	9 56	066	05	0796	-33	7 61	095	05
07	1013	-33	1 62	160	15	0120	-33	8 65	161	17	0490	-34	5 74	168	21	0859	-32	9 74	178	19
08	1016	-32	1 73	240	05	0144	-31	6 72	260	08	0500	-30	1 68	286	13	0892	-29	2 65	288	10
09	1024	-19	7 75	140	13	0210	-19	1 86	160	12	0600	-13	3 86	200	11	1011	-12	5 89	215	12
10	1021	-16	8 80	180	13	0184	-16	9 81	190	17	0585	-10	8 81	204	22	0992	-09	6 77	210	21
11	1020	-18	2 81	160	10	0181	-15	2 78	168	13	0570	-10	9 53	193	18	0986	-11	5 27	198	18
12	1019	-13	8 65	190	11	0172	-14	3 68	195	13	0565	-11	2 76	205	16	0981	-07	9 75	211	18
13	1027	-16	4 72	360	06	0234	-13	1 65	060	05	0640	-10	0 50	057	06	1044	-11	2 33	049	03
14	1020	-13	3 64	090	05	0178	-12	2 63	107	07	0580	-06	6 42	153	11	0999	-04	1 38	165	08
15	1020	-13	1 84	225	03	0182	-14	3 85	217	03	0575	-11	8 87	226	04	0985	-11	3 76	228	05
16	1026	-17	8 58	250	02	0221	-17	8 68	278	02	0610	-14	3 80	296	03	1018	-13	9 86	295	05
17	1027	-20	6 57	360	04	0230	-18	8 66	008	04	0620	-08	6 69	348	06	1039	-08	6 45	336	07
18	1026	-17	9 46	000	00	0221	-14	4 59	185	02	0620	-09	7 45	210	02	1034	-07	6 23	250	02
19	1029	-15	8 61	180	05	0242	-13	9 66	196	05	0630	-07	2 41	231	08	1060	-06	6 29	251	06
20	1023	-16	1 60	000	00	0201	-17	2 66	000	00	0590	-10	2 58	230	05	1009	-08	9 38	261	05
21	1017	-13	9 65	000	00	0156	-13	9 67	000	00	0530	-13	7 73	232	05	0957	-13	5 79	250	07
22	1014	-20	0 72	340	05	0136	-20	4 73	339	05	0510	-22	0 76	923	06	0914	-18	2 71	306	07
23	1017	-24	5 69	020	06	0156	-23	4 63	017	06	0540	-19	9 66	007	08	0935	-19	9 67	010	08
24	1018	-21	7 58	000	00	0163	-22	6 58	000	00	0530	-18	8 66	037	05	0944	-19	1 56	355	05
25	1018	-21	3 74	000	00	0159	-20	6 74	029	01	0530	-18	7 79	002	03	0932	-19	0 70	329	04
26	1015	-19	4 76	270	09	0137	-19	6 72	267	10	0520	-16	9 71	264	13	0929	-15	3 61	271	12
27	1015	-22	6 72	340	05	0141	-23	6 70	337	05	0515	-23	0 71	335	07	0912	-21	3 76	334	09
28	1018	-16	6 72	330	05	0164	-16	6 74	331	05	0540	-17	6 77	340	11	0952	-20	2 79	345	12
29	1026	-19	9 75	350	13	0231	-20	2 86	360	16	0610	-14	5 64	016	17	1023	-15	9 50	021	14
30	1027	-16	5 58	360	09	0231	-18	0 54	003	12	0625	-14	5 56	008	15	1029	-12	6 55	018	15
MN	1017	-22	1 63	*		158	-21	8 65	*		538	-19	0 63	*		940	-18	3 59	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1192	-26	3 67	165	08	1630	-27	2 68	129	04	2100	-28	2 68	055	05	2587	-29	6 93	034	09
02	1211	-30	3 63	133	02	1640	-32	9 67	097	02	2100	-35	7 66	032	03	2568	-38	7 65	097	09
03	1237	-34	7 53	121	10	1660	-36	6 52	119	09	2110	-38	7	123	06	2577	-41	4	082	02
04	1176	-39	2 57	063	04	1589	-41	7	058	06	2030	-42	0	056	07	2495	-40	4	054	04
05	1171	-38	5 65	107	08	1587	-39	7 68	097	08	2040	-40	5	100	08	2495	-42	5	106	08
06	1194	-36	3 63	118	07	1613	-39	1 64	126	08	2080	-39	9	124	07	2525	-40	7	122	08
07	1260	-35	3 74	180	19	1681	-38	0 73	188	17	2130	-37	2 72	198	18	2602	-38	7 71	208	17
08	1303	-28	7 53	286	12	1736	-30	2 42	288	13	2205	-31	8 31	292	16	2682	-30	8 A20	295	21
09	1449	-11	4 89	230	13	1914	-13	5 87	244	13	2410	-16	7 83	240	12	2919	-16	6 75	240	14
10	1434	-09	2 73	213	18	1902	-10	6 64	204	20	2405	-08	9 48	207	19	2933	-11	6 42	217	16
11	1425	-09	9 69	191	19	1895	-08	4 67	204	19	2400	-09	1 61	216	18	2926	-12	7 60	219	16
12	1425	-07	7 67	207	22	1899	-06	4 40	220	24	2400	-07	7 A15	214	26	2937	-09	6 A15	220	26
13	1483	-09	9 A15	037	02	1951	-10	0 A15	253	03	2450	-12	2 A16	229	03	2971	-14	7 30	249	06
14	1450	-04	6 33	159	10	1926	-07	2 33	156	11	2430	-09	5 25	160	12	2958	-11	8 A16	165	11
15	1424	-10	8 58	217	08	1891	-11	1 40	226	11	2380	-12	7 38	223	19	2909	-15	1 50	222	18
16	1452	-12	7 87	305	12	1915	-13	1 73	332	12	2400	-15	2 62	312	13	2924	-18	0 51	305	17
17	1481	-09	1 A15	330	08	1950	-09	6 A15	320	10	2440	-12	6 A16	318	13	2969	-15	7 A17	320	16
18	1478	-08	3 25	275	05	1949	-09	6 30	285	07	2450	-13	1 35	275	08	2966	-16	5 29	275	08
19	1505	-08	1 26	249	12	1975	-10	1 25	253	12	2470	-13	2 32	254	13	2992	-16	9 57	260	14
20	1451	-08	8 28	261	08	1920	-10	6 52	260	10	2410	-13	1 36	260	11	2937	-16	1 A17	261	13
21	1391	-14	5 76	285	05	1851	-14	6 71	265	04	2330	-15	4 62	285	06	2858	-18	1 69	234	07
22	1342	-17	3 65	302	07	1796	-18	2 58	299	09	2280	-21	0 46	297	08	2782	-24	4 46	295	08
23	1358	-21	1 66	359	07	1806	-22	3 64	341	04	2280	-24	5 56	349	04	2778	-27	1 55	344	03
24	1368	-19	9 44	325	04	1818	-20	7 31	312	04	2295	-22	0 39	310	05	2799	-23	8 59	305	06
25	1358	-19	7 62	309	05	1807	-21	0 44	305	08	2270	-22	2 61	306	09	2787	-23	8 72	309	10
26	1361	-15	2 29	277	10	1819	-16	7 29	290	12	2300	-18	8 26	305	12	2812	-22	4 35	305	11
27	1335	-19	3 79	337	11	1786	-20	2 73	338	12	2260	-21	3 75	350	12	2768	-24	3 59	357	12
28	1373	-18	5 81	345	17	1827	-18	4 65	343	22	2320	-20	1 44	342	23	2816	-22	1 A18	342	25
29	1452	-17	3 34	016	15	1907	-17	1 A17	011	16	2380	-19	0 A17	012	17	2899	-22	0 A18	012	18
30	1465	-13	1 56	021	14	1927	-14	7 42	023	17	2410	-17	8 50	025	18	2925	-20	8 51	023	18
MN	1367	-18	5 56	*246	09	1819	-19	7 51	*		2298	-21	3 45	*		2803	-23	6 44	*280	09

CONSTANT PRESSURE DATA 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1003	-39	1	000	00	0048	-38	8	-		0410	-30	1 47	-		0795	-27	5 54	-	
02	1010	-38	2	100	05	0089	-36	2	103	05	0455	-32	6 56	154	10	0830	-31	9 58	150	08
03	1006	-36	9 70	070	07	0071	-36	1 68	071	07	0430	-34	3 65	106	10	0805	-36	9 65	117	10
04	1003	-39	8	090	02	0047	-39	3	094	03	0405	-36	2	115	06	0776	-37	2	118	07
05	1003	-35	7 58	070	04	0051	-35	4 57	075	04	0410	-34	6 91	110	05	0787	-36	0 54	104	05
06	1008	-37	7	245	06	0088	-34	0	247	06	0455	-32	5 68	281	06	0829	-33	9 73	279	06
07	1008	-30	8 74	170	13	0087	-31	2 74	169	14	0460	-33	2 75	173	13	0829	-32	9 74	196	11
08	1029	-32	7 53	000	00	0232	-28	0 50	148	06	0605	-23	9 36	165	08	1002	-20	3 A17	208	06
09	1021	-18	2 78	140	07	0185	-17	8 84	160	11	0580	-09	6 79	205	18	0993	-08	2 96	204	17
10	1022	-16	1 80	170	13	0191	-15	9 84	177	16	0585	-07	6 91	194	19	1005	-08	8 89	194	19
11	1021	-17	1 82	200	07	0189	-15	8 82	195	10	0585	-10	9 87	194	15	0999	-07	1 89	202	18
12	1023	-16	7 69	000	00	0204	-14	6 76	-		0600	-12	2 76	-		1007	-10	5 49	-	
13	1024	-17	1 65	080	02	0211	-14	7 68	110	06	0610	-06	8 59	130	10	1029	-06	4 A15	123	09
14	1016	-16	1 78	160	07	0147	-14	8 74	167	07	0550	-11	4 64	182	10	0955	-07	9 41	186	14
15	1024	-15	9 78	000	00	0208	-14	0 78	308	02	0605	-14	4 82	308	05	1008	-12	4 84	293	04
16	1028	-24	6 69	340	03	0234	-18	6 73	338	05	0625	-11	3 74	332	08	1039	-10	0 62	340	09
17	1026	-24	9 63	000	00	0216	-18	6 67	018	02	0610	-10	7 67	355	03	1025	-08	9 42	345	05
18	1028	-21	0 74	000	00	0234	-11	9 75	219	02	0630	-08	3 56	237	03	1050	-08	4 45	296	05
19	1027	-19	6 73	000	00	0231	-09	8 72	152	01	0635	-07	9 53	236	03	1049	-08	2 36	248	07
20	1021	-17	7 84	000	00	0181	-17	1 87	000	00	0575	-12	8 86	273	05	0982	-14	7 82	280	03
21	1014	-20	0 79	230	03	0129	-18	8 79	235	03	0510	-16	0 83	265	05	0921	-15	9 84	255	06
22	1017	-27	4 64	360	02	0150	-25	9 66	358	03	0525	-21	4 68	354	06	0927	-18	9 68	342	07
23	1018	-24	0 70	020	01	0159	-22	5 72	013	03	0550	-18	9 72	002	06	0941	-19	1 65	003	07
24	1018	-25	2 63	000	00	0157	-21	1 70	000	00	0530	-18	7 73	038	04	0940	-19	3 68	330	05
25	1018	-26	2 77	000	00	0159	-21	8 74	285	03	0530	-18	5 74	289	05	0942	-18	9 76	300	07
26	1014	-18	9 77	320	03	0131	-19	9 79	316	04	0510	-23	3 87	311	07	0910	-17	5 76	317	08
27	1018	-26	6 61	290	01	0157	-24	9 64	298	03	0530	-20	6 74	328	06	0937	-16	4 74	347	08
28	1023	-21	8 61	300	05	0197	-23	1 96	312	05	0580	-25	1 46	012	10	0970	-16	8 47	014	16
29	1028	-20	6 75	020	16	0238	-15	0 88	015	15	0625	-12	7 84	015	11	1040	-14	7 81	017	11
30	1023	-18	9 71	010	15	0203	-13	3 83	010	15	0605	-07	9 70	020	12	1021	-09	3 59	021	12
MN	1018	-24	9 71	*		161	-22	3 73	*		544	-18	8 69	*		945	-17	8 61	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1205	-29	1 60	087	02	1637	-30	8 66	055	03	2100	-32	3 67	020	06	2579	-32	9 55	015	09
02	1232	-34	2 61	125	05	1655	-35	6 57	084	06	2095	-38	2 59	067	08	2574	-40	2	046	12
03	1198	-39	5	112	11	1615	-39	6	102	11	2050	-41	8	084	09	2522	-41	3	073	07
04	1170	-38	2	122	06	1587	-39	3	126	07	2030	-40	3	138	07	2497	-41	3	135	08
05	1184	-37	6 57	107	06	1603	-38	1 59	113	06	2055	-40	0 62	117	06	2515	-42	6	128	06
06	1227	-36	2 73	280	05	1646	-38	8 73	267	04	2085	-41	8	237	04	2554	-41	2	200	04
07	1251	-34	5 74	202	11	1654	-33	8 74	207	11	2110	-34	8 74	211	12	2586	-36	4 74	212	13
08	1428	-17	1 A17	249	08	1886	-16	8 26	265	10	2375	-17	8 56	266	12	2884	-19	3 74	269	15
09	1437	-07	6 85	210	16	1909	-09	3 27	220	14	2405	-11	7 A16	243	12	2931	-14	8 29	233	14
10	1447	-10	4 87	199	18	1913	-12	3 86	203	17	2405	-14	4 83	200	20	2925	-16	5 81	202	20
11	1446	-06	2 79	205	19	1920	-06	9 53	208	18	2430	-09	2 48	224	14	2953	-11	8 36	227	16
12	1448	-09	8 27	-		1916	-11	6 A16	-		2410	-12	7 A16	255	13	2935	-13	9 A16	252	14
13	1476	-06	3 A15	132	09	1950	-07	6 A15	155	09	2450	-09	4 A15	170	09	2980	-12	3 A16	170	09
14	1398	-09	8 46	185	16	1865	-12	3 80	181	20	2355	-12	6 59	183	20	2883	-15	0 28	187	22
15	1445	-13	1 76	288	06	1907	-13	4 61	265	07	2410	-11	4 35	258	09	2928	-14	1 46	225	11
16	1480	-09	3 49	337	10	1949	-11	0 28	338	10	2440	-13	2 A16	538	14	2965	-16	2 A17	336	14
17	1467	-09	4 A15	325	04	1936	-09	6 A15	318	06	2420	-12	5 25	312	09	2955	-16	1 30	310	11
18	1493	-08	4 29	258	08	1962	-11	1 37	261	11	2455	-13	4 27	263	10	2977	-16	2 31	260	13
19	1493	-08	1 A15	251	11	1964	-10	1 A15	258	13	2450	-12	4 A16	260	17	2984	-14	8 A16	260	18
20	1414	-12	0 53	263	04	1881	-12	0 60	264	05	2375	-14	9 71	247	07	2890	-18	2 77	251	08
21	1351	-16	8 85	250	06	1806	-18	5 84	248	04	2290	-20	2 84	241	08	2795	-22	2 88	234	10
22	1352	-19	5 50	527	05	1802	-21	5 35	306	05	2275	-24	0 50	288	06	2775	-26	8 65	275	06
23	1365	-19	4 53	360	06	1815	-21	7 36	001	05	2295	-24	2 39	003	06	2790	-25	2 31	358	06
24	1364	-20	1 63	328	06	1813	-20	9 57	315	04	2295	-22	1 44	290	05	2794	-24	6 49	282	06
25	1367	-19	3 79	308	07	1818	-19	9 82	314	09	2300	-20	4 85	316	12	2805	-22	9 84	321	14
26	1341	-17	8 61	319	09	1794	-18	2 40	317	11	2275	-19	9 36	312	13	2783	-22	8 42	310	14
27	1368	-15	9 66	345	11	1825	-17	3 69	347	13	2305	-18	9 81	348	14	2818	-20	5 84	352	15
28	1401	-16	2 34	010	21	1858	-17	5 26	009	13	2340	-19	7 A17	009	15	2849	-22	1 A18	009	20
29	1471	-16	0 76	013	15	1930	-15	6 69	011	14	2420	-18	1 66	015	12	2928	-21	3 62	013	14
30	1462	-11	8 44	015	12	1924	-14	1 41	013	15	2415	-15	9 34	017	15	2934	-18	3 33	021	17
MN	1372	-18	9 53	267	02	1825	-19	5 50	*		2304	-21	3 47	*		2810	-23	4 47	276	05

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ISACHSEN, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3677	-34	0 43	012	16	4937	-41	3	002	21	6420	-51	4	001	23	8290	-47	9	013	11
02	3616	-42	5	013	10	4842	-44	7	020	17	6331	-45	7	023	21	8264	-43	5	024	07
03	3611	-45	7	024	05	4826	-46	2	030	07	6316	-43	5	012	10	8269	-40	3	026	09
04	3539	-43	5	097	02	4762	-43	7	042	01	6265	-41	6	012	02	8230	-39	9	032	04
05	3526	-46	6	108	07	4736	-46	3	128	05	6229	-43	1	130	04	8186	-39	9	090	03
06	3564	-46	0	113	09	4779	-45	4	137	09	6271	-43	2	140	09	8223	-39	8	197	04
07	3653	-42	9	229	16	4871	-45	8	243	17	6364	-42	3	242	17	8318	-38	9	250	10
08	3783	-30	0 A20	302	38	5064	-96	6 A22	306	45	6586	-42	0			8517	-44	0		
09	4066	-21	7 77	252	21	5383	-31	2 72	253	26	6927	-42	4	262	32	8813	-56	5	266	43
10	4096	-18	4 35	230	16	5429	-28	3 29	215	17	6992	-39	5 32	238	25	8900	-53	0	259	27
11	4089	-18	6 45	238	10	5425	-27	6 29	237	11	6986	-40	4	230	20	8888	-53	0	227	21
12	4111	-16	7 A17	216	26	5458	-25	7 A19	225	24	7037	-36	8 A22	236	23	8974	-50	2	260	28
13	4124	-20	6 54	241	12	5457	-26	8 65	238	16	7036	-36	1 47	230	19	8977	-50	3	214	19
14	4126	-17	9 A17	162	16	5465	-27	1 A19	173	21	7040	-38	0 47	178	27	8963	-50	7	189	37
15	4065	-19	4 A17	222	24	5399	-27	1 A19	222	27	6973	-38	4 A22	213	30	8901	-50	7	217	36
16	4061	-29	6 30	310	19	5369	-30	3 A20	308	35	6916	-42	9	306	41	8820	-50	2	288	22
17	4116	-22	9 A18	317	18	5427	-32	6 A20	308	20	6959	-44	4	308	21	8830	-57	0	297	27
18	4109	-24	1 39	287	11	5413	-33	7 39	285	14	6945	-43	1	300	19	8824	-57	1	310	23
19	4134	-23	4 60	263	20	5452	-31	5 31	276	24	7000	-40	9	282	34	8892	-56	0	279	35
20	4079	-23	6 60	260	16	5389	-32	6 49	258	15	6928	-42	8	258	18	8811	-54	2	260	14
21	3995	-25	3 74	238	12	5294	-34	3 71	240	17	6818	-45	5	232	15	8688	-57	1	230	18
22	3890	-31	1 30	286	09	5160	-39	4 32	273	13	6649	-51	1	270	15	8513	-50	0	250	16
23	3873	-34	2 54	328	04	5126	-42	0	314	06	6612	-48	7	317	06	8511	-46	7	313	09
24	3911	-30	3 61	303	10	5185	-38	4 57	296	17	6689	-47	3	299	21	8560	-53	4	298	33
25	3902	-29	0 74	325	17	5178	-38	8 67	325	18	6680	-46	9	312	18	8549	-52	1	304	18
26	3930	-28	5 35	305	12	5213	-37	7 48	306	13	6719	-47	4	293	18	8584	-53	7	300	20
27	3877	-31	0 31	004	17	5148	-39	2 32	001	22	6647	-48	3	004	24	8541	-47	1	359	17
28	3935	-28	7 A19	348	30	5220	-36	2 A21	345	65	6733	-46	8	345	40	8600	-53	4	343	48
29	4019	-28	7 A19	010	22	5301	-37	2 A22	014	27	6806	-48	7	015	31	8652	-55	2	010	26
30	4050	-27	2 47	024	19	5345	-39	6 36	019	19	6875	-44	3	020	21	8746	-57	3	027	25
MN	3918	-29	3 41	*		5202	-36	0 37	*	288 10	6725	-43	8 34	*	289 12	8628	-50	0	*	282 13

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10970	-48	1	016	09	12862	-49	1	010	05	15504	-52	7	001	05	17799	-54	8	949	05
02	10982	-45	9	036	09	12883	-48	8	038	04	15525	-53	1	005	05	17820	-54	6	360	07
03	11019	-43	4	059	06	12934	-48	3	067	04	15582	-52	0	013	04					
04	10990	-42	9	348	03	12917	-46	0	010	04	15590	-50	3	023	03	17901	-53	6	960	05
05	10941	-43	7	083	02	12870	-45	8	039	01	15541	-49	7	030	05	17858	-53	0	048	06
06	10977	-43	0	154	04	12904	-46	1	160	02	15582	-49	4	032	04	17916	-51	7	028	06
07	11084	-42	0	246	06	13019	-44	7	256	04	15708	-48	6	270	03	18052	-50	7	935	05
08	11234																			
09	11409	-51	3	265	18	13283	-49	7	269	14	15932	-51	1	300	08	18237	-52	7	948	09
10	11485	-53	8	254	10	13352	-49	9	282	05	16008	-48	9	005	04	18344	-49	7	033	06
11	11497	-49	4	235	19	13396	-48	3	296	07	16066	-48	3	312	07	18411	-49	9	046	03
12	11581	-50	1	246	12	13462	-52	3	268	05	16068	-52	7	185	03	18383	-52	2	195	04
13	11547	-55	5	222	17	13406	-51	8	212	13	16032	-51	3	195	05	18350	-51	9	117	03
14	11540	-54	1	183	22	13411	-51	0	195	12	16046	-50	9	130	05	18370	-51	3	085	04
15	11517	-51	5	216	18	13399	-48	7	215	11	16041	-51	5	166	08	18358	-51	8	150	03
16	11473	-49	1	251	28	13354	-51	6	232	26	15988	-52	0	200	05	18293	-53	0	128	05
17	11421	-49	8	278	12	13291	-51	6	253	07	15933	-51	4	160	05	18244	-53	2	134	05
18	11408	-52	4	298	13	13279	-51	4	288	05	15915	-51	6	173	03	18230	-53	3	091	02
19	11462	-53	3	277	18	13322	-52	9	298	12	15946	-52	0	279	04	18254	-53	3	115	04
20	11400	-52	1	260	10	13270	-50	9	260	13	15890	-51	7	260	07	18199	-52	9	190	06
21	11315	-49	4	238	16	13202	-49	0	240	15	15861	-50	3	236	13	18180	-52	2	230	09
22	11192	-46	9	247	11	13089	-49	0	263	08	15744	-49	2	243	05	18076	-51	7	252	03
23	11214	-45	6	286	09	13126	-47	7	292	08	15793	-49	2	291	07	18126	-50	8	327	03
24	11206	-48	6	298	10	13095	-49	2	298	07	15750	-50	1	299	05	18072	-52	1	300	04
25	11213	-47	6	297	10	13116	-46	9	293	06	15791	-48	8	304	06	18127	-50	2	339	02
26	11237	-46	4	308	10	13142	-46	7	930	08	15818	-48	6	313	05	18156	-50	0	323	04
27	11239	-45	6	346	12	13148	-46	6	323	09	15818	-49	1	331	08	18150	-51	7	339	07
28	11261	-47	8	348	30	13159	-48	3	351	21	15820	-49	2	348	20	18155	-51	1	348	14
29	11290	-47	8	002	12	13176	-48	2	343	09	15841	-48	0	346	10	18169	-50	1	326	06
30	11351	-50	0	020	14	13227	-50	3	340	10	15878	-50	4	335	05	18208	-50	2	993	07
MN	11282	-48	5	*	273 06	13176	-49	0	*	282 05	15828	-50	4	*	309 03	18158	-51	9	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3650	-39	1 66	015	19	4887	-43	7	010	14	6360	-49	8	020	18	8255	-47	1	035	14
02	3613	-43	9	033	13	4832	-46	1	015	12	6321	-43	3	015	14	8265	-41	3	024	08
03	3562	-45	3	069	04	4780	-44	1	017	05	6279	-42	1	002	06	8237	-40	0	353	07
04	3537	-44	8	125	05	4752	-45	3	128	03	6252	-41	2	131	02	8219	-40	8	099	06
05	3551	-44	6	155	06	4768	-45	3	152	08	6263	-43	4	157	06	8220	-40	1	155	04
06	3595	-45	0	211	05	4809	-45	3	196	05	6308	-41	8	212	05	8273	-38	6	195	06
07	3643	-40	2	217	14	4885	-40	9	244	16	6403	-41	0	255	16	8367	-40	3	268	15
08	4016	-25	1 78	270	20	5324	-31	7 75	279	31	6864	-42	9	283	35	8751	-55	7	282	49
09	4083	-21	4 68	233	14	5405	-30	1 72	245	19	6957	-41	4	250	22	8845	-55	7	263	27
10	4077	-18	0 60	208	23	5416	-27	8 48	209	22	6978	-40	9	201	20	8880	-53	8	214	23
11	4121	-17	3 33	228	14	5460	-28	1 70	242	13	7020	-39	8 77	244	24	8920	-55	2	274	23
12	4094	-19	1 32	245	21	5436	-24	0 42	240	31	7029	-39	3 58	250	24	8976	-49	8	252	29
13	4142	-18	9 A17	183	10	5479	-27	3 A19	190	17	7049	-38	6 A22	194	24	8972	-51	7	200	31
14	4035	-21	8 27	192	29	5355	-28	3 A19	183	40	6922	-37	6 A22	182	46	8858	-49	4	186	45
15	4085	-20	8 47	220	14	5409	-30	5 32	213	17	6958	-40	3	219	29	8876	-50	9	209	33
16	4107	-24	0 37	333	17	5422	-31	3 93	331	25	6960	-44	1	328	24	8835	-57	1	325	18
17	4098	-23	6 A18	314	11	5401	-34	1 42	293	12	6921	-46	4	300	13	8785	-57	7	295	17
18	4124	-23	2 38	278	10	5443	-32	7 46	286	19	6971	-43	0	286	18	8860	-55	9	290	23
19	4136	-22	2 A18	270	17	5448	-31	8 A20	264	19	6993	-41	8	269	23	8887	-55	2	271	35
20	4026	-24	9 78	262	10	5329	-33	4 75	262	13	6861	-43	1	262	13	8748	-55	6	282	13
21	3914	-29	0 76	232	14	5195	-37	4 66	222	16	6705	-46	2	250	10	8578	-51	7	240	13
22	3874	-33	0 68	251	11	5132	-41	9	240	13	6610	-52	3	230	17	8482	-47	7	253	10
23	3898	-30	5 29	352	11	5176	-37	9 33	342	16	6679	-48	7	328	21	8544	-51	7	318	20
24	3905	-30	2 35	279	10	5179	-38	2 49	280	14	6689	-45	9	283	17	8566	-52	3	290	18
25	3923	-28	8 74	321	15	5206	-36	7 35	321	18	6717	-46	9	337	20	8580	-55	6	333	17
26	3898	-29	8 94	309	13	5174	-38	9 37	310	17	6664	-50	8	304	17	8528	-49	8	310	14
27	3940	-28	3 96	344	22	5223	-37	3 A22	358	31	6727	-48	4	002	41	8588	-52	2	001	26
28	3970	-28	1 A19	005	26	5254	-37	0 A22	004	25	6758	-48	8	360	34	8616	-54	0	360	30
29	4049	-28	4 56	360	16	5336	-36	0 45	005	17	6856	-45	4	012	23	8722	-58	0	013	26
30	4064	-26	5 34	019	16	5363	-32	6 A20	007	19	6907	-42	3	008	24	8800	-55	3	001	25
MN	3924	-29	2 45	*		5209	-35	9 42	*	278 08	6733	-43	8 45	*	282 09	8694	-50	7	*	281 11

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10947	-47	6	034	08	12836	-50	2	033	09	15467	-53	0	017	03	17754	-55	5	001	08
02	11003	-44	9	026	08	12909	-48	9	036	05	15555	-53	0	023	06	17840	-54	6	027	07
03	10988	-43	0	011	05	12902	-46	9	015	04	15551	-51	8	022	07	17840	-55	2	360	04
04	10966	-44	1	342	03	12888	-45	9	015	03	15555	-51	7	010	05	17863	-53	9	027	03
05	10974	-43	2	133	03	12898	-46	5	125	03	15573	-49	3	059	06	17895	-52	3	053	09
06	11029	-42	5	191	04	12954	-46	2	223	02	15634	-50	3	050	03	17952	-53	0	346	05
07	11115	-44	0	278	10	13031	-46	3	297	07	15699	-50	3	284	06	18012	-53	4	337	06
08	11357	-49	7	281	18	13247	-49	6	288	15	15880	-53	1	315	10	18175	-54	1	341	11
09	11414	-53	0	261	17	13269														
10	11452	-51	9	248	09	13331	-51	2	281	05	15985	-49	2	319	05	18320	-50	7	050	04
11	11526	-48	2	292	19	13424	-51	3	289	13	16037	-52	4	297	04	18395	-51	9	060	02
12	11568	-51	0	231	19	13442	-53	1	196	11	16064	-52	7	186	08	18392	-50	2	243	04
13	11543	-55	3	190	20	13402	-51	0	199	12	16034	-50	0	179	06	18360	-51	4	105	03
14	11489	-50	6	197	91	13369	-51	1	212	11	16007	-52	5	228	05	18322	-52	2	195	08
15	11492	-50	8	219	20	13375	-50	1	226	10	16016	-52	1	186	05	18320	-52	9	113	07
16	11431	-50	7	291	11	13305	-51	1	252	10	15934	-52	7	200	06	18293	-53	9	100	04
17	11383	-51	2	287	09	13254	-51	0	272	06	15892	-51	2	159	03	18205	-53	2	113	04
18	11412	-54	9	298	15	13270	-51	9	284	09	15899	-51	9	306	03	18209	-54	0	109	04
19	11445	-53	7	277	15	13305	-52	3	285	13	15918	-52	1	268	06	18223	-53	4	087	04
20	11334	-51	5	260	13	13210	-50	5	260	12	15842	-53	4	260	12	18138	-53	6	260	09
21	11240	-48	2	238	11	13127	-50	2	242	08	15788	-48	7	234	07	18115	-51	4	207	05
22	11178	-46	1	267	08	13083	-48	2	269	08	15741	-49	7	293	04	18068	-51	9	312	03
23	11219	-47	2	307	13	13110	-49	3	310	10	15776	-49	0	316	03	18106	-51	8	352	04
24	11227	-47	7	297	09	13127	-48	1	307	06	15795	-49	1	322	05	18130	-50	4	320	04
25	11228	-47	7	305	09	13131	-47	2	310	07	15800	-49	6	310	04	18134	-50	8	357	03
26	11220	-45	5	323	12	13129	-48	3	326	09	15797	-48	8	336	06	18139	-50	2	327	04
27	11253	-46	8	354	10	13153	-48	4	340	12	15813	-50	0	345	08	18142	-50	4	341	10
28	11269	-47	2	355	17	13162	-48	8	337	10	15823	-49	8	345	10	18153	-50	0	346	07
29	11334	-49	7	011	11	13205	-49	7	355	12	15859	-50	0	005	11	18194	-49	5	326	05
30	11375	-52	2	011	13	13237	-50	8	004	08	15882	-51	2	010	05	18204	-50	1	357	05
MN	11280	-48	7	*	280 07	13170	-49	5	*	288 06	15814	-51	0	*	310 09	18131	-52	3	*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ISACHSEN, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19942	-57	7	349	08	23159	-59	3	331	10	25685	-61	7	317	10					
02	19965	-56	4	353	05	23186	-59	3	354	09										
03																				
04	20056	-55	7	006	07	25287	-58	8												
05	20020	-55	2	059	06															
06	20078	-56	6	023	07	23304	-57	3	355	05	25856	-58	9	041	13					
07	20237	-51	7	016	07															
08																				
09	20404	-54	5	026	14															
10	20540	-51	2	347	04	23844	-54	4												
11	20606	-50	9	*037	10	23991	-50	0	040	08										
12	20568																			
13	20524	-51	7	074	07	23801	-57	3	059	10	26361	-58	7	052	21					
14	20546	-53	7	080	04	23797	-57	4	071	13	26355	-57	2	056	21					
15	20527	-53	8	080	08	23771	-57	8	086	16	26345	-55	5	068	21					
16	20458	-55	7	088	10	23686	-57	1	080	13	26258	-56	1	060	07					
17	20397	-55	4	085	11	23648	-56	2	070	11	26228	-54	2	083	17					
18	20383	-55	4	094	11	23652	-54	1	085	13	26257	-53	6							
19	20410	-55	6	087	06	23663	-54	8	074	09	26269	-52	9	068	08					
20	20363	-54	3	112	04	23632	-54	0	090	04										
21	20349	-53	3	190	04	23652	-52	8	115	04	26269	-52	3	090	04					
22	20260	-51	4	118	02	23566	-52	9	126	03	26198	-51	2	120	11					
23	20311	-51	5	004	02	23632	-51	6	205	04	26263	-49	4	095	07					
24	20248	-51	8	298	03	23555	-52	0	260	04										
25	20317	-51	7	347	03	23631	-50	8	107	03										
26	20341	-50	9	358	06	23661	-51	2	000	00	26305	-49	4							
27	20340	-50	6	340	05	23660	-50	8	251	02										
28	20340	-51	4	331	10	23659	-50	8	311	08										
29	20353	-51	7	320	05															
30	20411	-50	2	346	05	23756														
MN	20332	-53	9	*39	04	23614	-54	6	*59	04	26204	-54	7	*					*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	Surface Synoptic Data $P_0 c_1 t c_2 c_3$	Surface Synoptic Data ww	Surface Synoptic Data $P_0 P_0 P_0$	Freezing Levels Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Trop (1) Alt. gpkm.	Trop (1) Pres mb.	Trop (1) Temp. °C	Trop (1) σ °A	Tropopause (2) Code	Trop (2) Alt. gpkm.	Trop (2) Pres mb.	Trop (2) Temp. °C	Trop (2) σ °A	Max. Wind Level Code	Max. Wind Alt. gpkm.	Max. Wind Pres mb.	Max. Wind Velocity deg.	Max. Wind Velocity mps.
01	00906	02	1 07	0					1	06	78	378	-52	6	292	0								
02	00901	02	1 15	0					2	03	25	634	-41	8	263	1	12	97	162	-49	0	377	9	06	29	407	001	23
03	00900	02	1 01	0					1	03	99	566	-46	6	267	0							9	06	00	420	024	21
04	00900	02	8 04	0					1	03	73	584	-44	8	256	2	10	90	215	-42	2	358	8	00	61	930	141	12
05	00907	02	8 05	0					1	03	43	609	-46	6	261	2	13	38	139	-47	9	396	9	21	74	038	009	08
06	45511	71	1 02	0					2	03	64	594	-46	3	263	1	18	71	062	-54	1	485	9	19	12	145	022	09
07	9-0--	39	8 11	0					2	04	18	554	-45	4	270	0							9	25	00	023	037	13
08	00900	02	2 45	0					1	07	26	362	-44	9	306	0							9	00	35	969	167	21
09	9-0--	39	8 08	0					2	08	93	294	-57	5	307	0							3	04	84	516	310	46
10	00900	39	3 02	0					2	10	42	296	-59	7	322	0							9	08	41	320	269	43
11	20840	36	6 07	0					1	09	66	265	-57	0	316	0							9	09	20	287	295	30
12	89400	02	6 01	0					1	09	98	256	-57	6	318	1	14	76	123	-55	0	397	9	09	40	277	224	35
13	00901	02	5 00	0					1	10	60	292	-60	4	323	1	18	89	065	-53	6	479	8	09	16	291	262	29
14	00906	02	8 08	0					1	10	19	250	-59	0	316	0							9	26	90	018	053	25
15	872--	71	1 17	0					1	10	00	253	-55	0	323	0							9	09	65	269	189	38
16	15600	02	2 08	0					1	09	48	271	-51	5	322	2	20	71	048	-56	9	515	9	08	71	309	216	39
17	00900	02	6 02	0					1	09	16	285	-58	7	307	0							9	06	81	406	305	43
18	00902	02	1 04	0					1	09	40	274	-59	6	309	0							9	05	85	470	314	31
19	20936	02	0 02	0					1	09	98	252	-58	7	318	0							9	09	75	258	310	32
20	30830	02	7 09	0					1	10	07	246	-57	5	322	1	14	14	131	-53	6	393	9	08	10	339	283	38
21	25600	02	7 08	0					1	08	69	300	-57	1	305	0							9	04	52	564	260	21
22	55400	10	1 07	0					1	07	11	372	-53	9	291	0							9	08	01	339	230	22
23	00900	10	3 05	0					2	06	26	422	-48	3	288	0							9	07	38	358	249	17
24	00900	02	2 03	0					1	08	31	311	-54	0	306	0							9	07	70	339	326	10
25	00900	02	3 01	0					1	07	72	341	-52	8	301	0							9	08	10	322	296	35
26	00901	02	7 10	0					1	08	17	319	-53	9	304	0							9	06	30	422	319	21
27	54501	02	1 07	0					1	07	17	370	-49	5	297	0							9	08	00	328	294	22
28	864--	71	0 00	0					2	08	06	327	-54	1	301	0							9	06	29	422	003	26
29	00900	39	2 35	0					1	08	02	351	-57	0	297	2	16	90	085	-51	0	450	9	08	18	321	345	50
30	00900	37	1 02	0					2	08	66	303	-57	3	304	0							9	06	80	400	019	32
MEAN										07	74	360	-53	3	299		15	59	114	-51	5	428	9	07	50	364	020	29

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19880	-57	8	353	09	23079	-60	6	008	09										
02	19975	-57	9	005	06	23187	-58	8	356	12	25717	-61	8	341	10					
03	19983	-57	2	358	10	23199														
04	20017	-55	4	038	05															
05	20053	-56	3	023	05	23287	-57	6	049	10	25825	-60	0	035	11					
06	20113	-54	1	027	06															
07	20168	-55	5	018	05	23421	-56	5	007	11										
08	20331	-55	0	359	12	23577	-58	0	009	11	26122	-58	8	027	17					
09																				
10	20510	-51	2	043	10	23808	-54	3	060	15										
11	20533	-52	3	051	08	23817	-56	8	060	15	26361	-61	0	045	26					
12	20578	-52	5	088	04	23857	-55	3	060	12	26427	-58	9	093	29					
13	20940	-52	7	070	04	23814	-57	3	070	12	26368	-58	7	064	23					
14	20683	-54	1	059	07	23747	-57	2	085	18	26314	-58	9	066	24					
15	20487	-55	3	075	08	23727	-56	8	091	18	26289	-56	9							
16	20379	-57	0	118	17	23613	-58	0	082	21	26194	-54	3	104	17					
17																				
18	20364	-55	4	086	07															
19	20375	-55	6	115	05	23633														
20	20302	-53	8	200	05	23582	-54	0	100	08	26183	-54	3	090	07					
21	20294	-52	2	106	02	23597	-52	4	100	03	26218	-52	4							
22	20248	-52	2	069	03															
23	20285	-52	7	062	02															
24	20312	-52	1	285	03	23619	-51	7	151	03										
25	20314	-52	6	328	04	23620	-52	3	067	03										
26	20323																			
27	20327	-51	3	003	03	23645	-51	4	009	03										
28	20342	-50	9	331	05	23664														
29	20387	-50	6	335	02	23716	-50	8	060	10										
30	20401	-50	5	046	06	23763														
MN	20297	-53	9	*42	04	23590	-55	5	*		26183	-57	8	*					*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	Surface Synoptic Data $P_0 c_1 t c_2 c_3$	Surface Synoptic Data ww	Surface Synoptic Data $P_0 P_0 P_0$	Freezing Levels Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Trop (1) Alt. gpkm.	Trop (1) Pres mb.	Trop (1) Temp. °C	Trop (1) σ °A	Tropopause (2) Code	Trop (2) Alt. gpkm.	Trop (2) Pres mb.	Trop (2) Temp. °C	Trop (2) σ °A	Max. Wind Level Code	Max. Wind Alt. gpkm.	Max. Wind Pres mb.	Max. Wind Velocity deg.	Max. Wind Velocity mps.
01	20840	02	0 00	0					1	06	36	400	-49	8	290	0								
02	00901	02	2 10	0					1	03	48	612	-45	0	263	1	12	48	160	-50	4	376	9	03	45	617	016	19
03	00900	46	7 19	0					1	03	76	583	-46	3	265	1	13	79	132	-50	6	397	9	27	95	014	350	17
04	15500	02	0 02	0					1	03	77	579	-45	9	265	1	08	46	290	-42	0	329	9	20	21	048	009	12
05	30940	02	1 10	0					2	02	58	694	-42	9	256	0							1	20	65	045	050	09
06	25431	10	2 22	0					1	04	19	548	-46	3	269	2	17	82	075	-52	7	462	9	24	70	024	032	15
07	9-0--	39	7 10	0					2	03	16	645	-40	0	264	2	09	83	242	-42	5	346	1	21	04	043	026	11
08	25500	02	2 09	0					1	09	23	278	-58	8	309	0							9	05	50	457	253	18
09	67300	10	7 07	0					1	09	69	262	-59	4	313	0							9	08	74	301	282	50
10	854--	71	4 00	0					1	10	04	250	-59	2	316	6	24	70	026	-57	4	612	6	09	20	284	261	38
11	15431	02	8 08	0					2	08	92	300	-55	2	308	1	15	00	118	-54	7	403	9	08	75	305	212	24
12	862--	71	2 21	0					1	10	48	237	-58	7	323	1	13	57	147	-53	7	380	1	26	90	018	044	31
13	00900	02	7 11	0					1	10	65	230	-59	8	324	0							9	07	80	398	247	39
14	25431	02	7 03	0					2	09	42	275	-53	0	318	0							9	09	80	263	203	35
15	872--	71	1 11	0					2	09	36	279	-53	5	317	0							9	07	90	346	182	59
16	00900	02	3 03	0					2	08	95	295	-57	9	306	0							9	08	50	318	208	40
17	60750	02	4 00	0					1	08	92	293	-58	6	305	0							9	05	48	496	330	26
18	00901	02	4 00	0					1	09	58	266	-61	5	308	0							8	09	30	277	290	19
19	00901	02	7 08	0					2	09	53	270	-59	6	311	1	14	04	134	-54	9	387	9	09	81	297	290	25
20	861--	02	6 07	0					2	09	29	275	-59	1	309	0							9	08	81	303	272	36
21	00900	10	7 08	0					1	08	09	324	-52	9	304	0							9	08	48	312	260	16
22	00901	02	2 08	0					2	06	71	394	-53	1	287	0							9	04	65	541	222	17
23	00902	41	3 01	0					2	07	73	340	-53	6	299	0							9	06	77	391	228	18
24	00905	02	0 00	0					1	08	31	311	-53	1	307	0							9	07	50	359	328	25
25	00900	02	8 01	0					1	08	40	308	-56	4	304	0							9	07	82	386	287	23
26	854--	71	7 03	0					1	07	08	375	-53	7	291	0							9	07	80	339	335	29
27	15401	02	4 00	0					1	08	08	324	-54	2	302	0							8	04	90	519	310	18
28	00900	38	3 15	0					1	08	21	320	-55	6	302	1	17	46	078	-52	1	458	9	06	96	387	001	42
29	00900	38	1 02	0					1	09	07	284	-60	4	305	1	15	23	110	-51	9	415	9	07	72	348	359	35
30	00900	39	5 08	0					1	09	88	253	-60	4	316	0							9	07	80	347	013	27
MEAN										07	76	360	-54	1	299		14	73	137	-51	2	415	9	07	69	356	007	27

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction Indicates a Stratum of Missing Wind Data*

ISACHSEN, N.W.T.

MAY 1963

STATION INSTRUMENTATION

USW8 type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1023	-14 0	52	360	03	0200	-15 2	53	359	07	0605	-10 1	49	357	20	1010	-07 9	23	357	22
02	1019	-15 0	67	360	11	0175	-16 0	67	004	11	0570	-11 9	48	016	11	0976	-13 9	32	015	11
03	1013	-11 3	78	270	08	0128	-12 1	79	275	08	0530	-13 8	83	285	08	0930	-11 7	78	272	11
04	1013	-13 3	75	360	15	0129	-14 1	73	353	15	0530	-10 7	70	345	12	0937	-10 6	71	344	10
05	1019	-14 6	80	020	07	0171	-16 3	76	022	07	0570	-13 7	69	019	06	0971	-11 6	57	016	09
06	1019	-15 7	87	010	05	0177	-17 3	84	012	05	0580	-14 9	68	015	02	0978	-12 6	47	360	04
07	1016	-14 8	66	330	03	0154	-15 5	72	262	03	0540	-13 9	65	157	06	0934	-11 2	41	150	07
08	1014	-10 2	52	180	02	0133	-11 1	52	178	02	0530	-11 8	42	175	04	0940	-10 9	30	185	03
09	1012	-09 4	61	180	05	0118	-10 5	60	179	04	0520	-11 2	44	180	08	0928	-08 9	30	174	06
10	1006	-07 0	76	180	07	0074	-07 2	74	179	07	0460	-10 6	58	144	07	0886	-11 3	57	134	07
11	1002	-08 6	77	220	03	0042	-08 7	76	220	03	0440	-12 1	73	145	04	0850	-12 8	77	141	03
12	1002	-07 8	71	360	03	0048	-08 0	72	005	03	0440	-11 1	77	145	02	0856	-14 0	84	089	02
13	1005	-14 9	74	360	07	0068	-15 1	73	358	06	0460	-12 3	68	308	03	0870	-11 6	80	291	02
14	1011	-14 8	78	320	08	0111	-15 8	78	310	07	0500	-20 0	81	289	04	0903	-11 0	65	289	02
15	1012	-16 6	77	360	07	0122	-17 1	77	355	06	0520	-19 1	81	352	04	0915	-11 6	66	020	04
16	1011	-12 3	75	045	05	0112	-13 2	76	098	05	0505	-16 6	79	014	06	0908	-11 9	78	022	07
17	1016	-11 6	78	360	04	0149	-12 7	79	353	04	0540	-15 9	83	358	05	0947	-10 8	85	012	08
18	1015	-10 6	84	280	02	0152	-12 1	83	310	03	0540	-17 0	83	353	04	0955	-09 8	67	352	05
19	1023	-10 4	80	360	04	0206	-12 1	82	360	05	0610	-15 7	84	339	05	1004	-11 4	87	347	05
20	1021	-08 9	75	270	05	0192	-10 3	78	266	05	0595	-09 1	86	285	08	1008	-07 3	93	305	09
21	1020	-00 9	93	270	03	0189	-02 0	92	222	03	0595	-04 7	89	213	02	1019	-05 7	88	282	06
22	1002	-03 2	92	160	04	0047	-03 3	92	199	04	0460	-06 8	85	159	04	0883	-05 6	57	218	02
23	1001	-06 7	85	030	08	0035	-06 8	86	030	08	0420	-11 0	91	360	07	0855	-11 1	83	350	07
24	1009	-11 3	84	020	14	0095	-11 9	83	020	14	0480	-15 4	80	355	16	0890	-19 1	78	356	15
25	1008	-10 7	81	020	13	0093	-11 4	81	019	13	0480	-14 9	81	009	14	0889	-18 7	82	013	17
26	1010	-11 3	86	020	12	0104	-12 0	86	018	11	0480	-15 5	85	354	09	0900	-19 1	85	356	10
27	1010	-11 1	86	020	11	0104	-12 8	86	012	11	0480	-15 9	84	354	12	0899	-19 4	83	353	13
28	1012	-09 6	71	020	05	0118	-10 5	73	019	04	0505	-13 8	79	065	02	0918	-16 9	84	094	02
29	1013	-09 2	78	290	07	0128	-10 5	78	298	06	0520	-14 6	80	292	05	0926	-17 6	87	290	05
30	1010	-08 9	83	190	08	0104			185	09	0495	-13 4	76	171	10	0906	-16 2	78	170	08
31	1018	-09 3	80	140	13	0174	-10 7	79	138	13	0570	-14 0	78	132	11	0972	-17 6	77	132	13
MN	1012	-10 8	77	*		124	-11 7	77	*		518	-13 3	74	*		928	-12 6	68	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1020	-17 2	73	300	07	0181	-13 9	58	309	09	0580	-10 9	38	319	13	0990	-10 5	47	319	12
02	1021	-15 4	63	010	08	0188	-10 1	51	016	08	0585	-09 9	34	024	09	0999	-11 4	24	006	08
03	1012	-17 4	76	280	05	0123	-16 0	76	304	04	0520	-11 3	79	343	07	0930	-10 1	78	355	08
04	1015	-15 4	78	010	18	0144	-13 9	84	009	16	0535	-10 7	83	015	09	0951	-13 7	81	014	07
05	1020	-18 3	75	360	02	0175	-17 2	66	358	03	0555	-14 9	68	354	04	0974	-12 6	63	351	05
06	1019	-19 9	79	020	01	0171	-18 2	77	022	01	0560	-13 8	66	028	01	0970	-11 4	36	030	02
07	1015	-14 7	78			0143	-15 0	76			0540	-12 7	67			0946	-11 4	49		
08	1013	-13 8	78	120	02	0125	-14 3	71	135	03	0520	-11 4	60	181	04	0934	-09 3	49	211	03
09	1009	-12 2	77	135	03	0099	-12 3	71	137	03	0495	-09 9	38	147	07	0908	-10 8	27	151	08
10	1003	-11 5	76	120	05	0056	-11 7	76	122	05	0450	-11 4	66	132	11	0863	-10 5	59	130	12
11	1001	-09 7	79	270	02	0041	-09 7	79	260	02	0440	-12 2	82	149	03	0848	-12 8	86	125	02
12	1004	-11 6	78	000	00	0057	-11 5	77	000	00	0450	-12 2	76	040	02	0860	-14 5	82	066	01
13	1008	-15 1	79	340	05	0088	-15 7	80	331	05	0480	-19 1	81	295	04	0881	-12 2	74	292	04
14	1012	-14 7	75	330	03	0123	-15 5	77	-		0500	-18 9	83	-		0916	-11 0	68	-	
15	1011	-14 2	75	350	04	0113	-15 0	76	329	04	0500	-18 6	77	327	07	0911	-08 9	63	330	08
16	1014	-11 9	80	030	04	0136	-13 1	81	023	04	0530	-16 9	83	359	03	0934	-11 0	78	002	02
17	1015	-12 7	80	340	03	0145	-13 8	81	341	03	0540	-14 9	82	345	08	0947	-10 9	74	351	12
18	1018	-11 6	78	010	03	0168	-12 7	80	021	03	0560	-15 8	83	153	03	0967	-11 4	83	356	03
19	1023	-10 1	80	270	03	0203	-11 8	84	285	03	0600	-11 8	89	316	06	1010	-09 8	90	308	08
20	1022	-04 3	88	000	00	0198	-04 3	88	278	02	0610	-05 6	89	287	06	1025	-08 0	91	288	08
21	1013	-02 7	88	180	04	0130	-03 3	87	171	04	0539	-05 8	85	163	03	0958	-05 7	28	170	03
22	0997	-05 1	87	090	06	0003					0410	-07 8	86	073	04	0823	-09 0	69	058	02
23	1006	-10 6	85	020	15	0078	-11 0	83	020	15	0490	-09 4	80	022	15	0888	-09 0	75	027	13
24	1007	-13 4	79	360	13	0079	-14 0	79	360	14	0455	-17 3	79	359	14	0868	-20 7	78	002	13
25	1011	-11 7	78	360	08	0112	-12 4	79	359	09	0500	-15 8	83	356	10	0905	-19 2	86	358	11
26	1010	-12 7	84	360	09	0104	-13 3	84	360	10	0490	-16 7	83	358	11	0895	-20 2	81	359	11
27	1009	-11 7	85	030	08	0098	-12 4	84	029	08	0490	-15 8	84	015	09	0891	-19 5	83	006	05
28	1014	-10 8	79	330	05	0157	-11 8	78	311	02	0535	-14 9	76	310	04	0935	-15 8	80	313	05
29	1009	-10 4	83	240	07	0106	-10 9	83	237	07	0485	-13 4	84	230	07	0908	-14 8	85	245	05
30	1014	-10 5	79	180	13	0139	-11 4	80	180	13	0525	-14 6	83	156	16	0937	-18 0	87	162	11
31	1018	-06 6	86	090	07	0166	-07 5	80	093	09	0545	-10 1	76	112	11	0977	-12 6	78	123	11
MN	1012	-12 2	79	*		124	-12 5	78	*		516	-13 0	75	*		927	-12 5	69	*	

CONSTANT PRESSURE DATA — 00 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1452	-09 9	24	349	17	1919	-12 2	26	343	10	2410	-14 6	34	352	12	2930	-16 6	25	357	11
02	1408	-15 9	26	003	13	1867	-15 9	28	354	14	2340	-18 2	31	347	15	2864	-20 7	36	326	11
03	1368	-10 7	90	289	10	1833	-13 0	92	308	14	2320	-15 2	93	318	15	2843	-15 6	96	355	15
04	1379	-12 1	78	343	10	1838	-13 4	61	340	13	2340	-12 8	25	340	19	2854	-14 7	62	339	22
05	1408	-12 7	33	016	11	1871	-13 7	A16	027	11	2370	-15 3	A16	012	13	2879	-17 5	49	009	16
06	1416	-11 5	30	335	06	1880	-12 6	A16	352	08	2370	-13 7	A16	006	08	2892	-16 8	A17	003	06
07	1393	-10 9	A16	119	07	1858	-12 1	A16	048	08	2340	-14 3	37	027	11	2871	-16 9	30	355	17
08	1380	-11 0	A16	205	02	1845	-12 9	A16	273	01	2335	-14 6	A16	298	03	2856	-17 0	28	322	04
09	1371	-09 3	63	158	04	1837	-13 4	68	168	04	2330	-13 9	53	187	05	2850	-16 1	39	198	05
10	1324	-11 9	57	154	07	1792	-10 6	35	181	04	2280	-13 8	52	195	03	2805	-17 0	69	184	07
11	1288	-10 3	78	142	03	1754	-12 9	76	159	05	2260	-15 7	73	157	07	2761	-18 6	71	158	06
12	1295	-11 4	86	103	03	1759	-13 2	82	135	03	2245	-15 9	79	148	05	2765	-18 6	75	135	07
13	1309	-11 3	57	356	02	1774	-12 5	35	013	03	2270	-15 1	44	018	04	2782	-17 9	41	027	05
14	1343	-10 1	60	287	04	1811	-12 2	44	294	05	2300	-15 2	26	315	03	2821	-17 1	36	023	02
15	1359	-10 2	48	018	05	1821	-10 4	46	017	04	2310	-11 7	44	019	03	2844	-13 9	A16	028	05
16	1350	-07 9	50	023	07	1821	-10 2	45	020	07	2320	-11 5	37	018	10	2844	-14 3	44	018	10
17	1389	-08 6	70	004	08	1860	-08 9	40	353	05	2360	-10 4	A15	354	08	2886	-13 7	A16	341	06
18	1397	-08 6	47	350	05	1869	-08 4	32	348	05	2360	-10 2	A15	340	09	2896	-13 1	A16	329	03
19	1442	-10 6	68	354	09	1910	-10 1	47	354	08	2410	-11 2	32	347	09	2933	-13 8	A16	345	08
20	1454	-07 6	81	315	11	1926	-08 2	46	309	16	2420	-10 2	26	308	17	2954	-13 1	A16	314	15
21	1469	-05 1	90	307	09	1945	-07 9	88	297	11	2435	-09 9	77	307	11	2975	-12 1	71	308	09
22	1330	-07 5	96	189	04	1801	-09 2	81	189	05	2300	-11 3	87	253	05	2828	-12 7	91	264	08
23	1295	-09 2	77	350	03	1764	-10 3	49	014	05	2250	-12 1	A16	018	06	2785	-14 0	A17	028	08
24	1320	-12 9	80	357	13	1782	-14 6	69	355	12	2270	-17 1	62	353	10	2785	-19 7	58	350	11
25	1315	-16 7	80	013	11	1774	-15 7	77	016	08	2270	-16 8	70	022	10	2776	-18 2	63	016	13
26	1333	-13 0	70	008	11	1795	-14 8	58	006	10	2270	-16 6	56	005	11	2797	-19 2	58	003	14
27	1323	-17 8	83	355	11	1778	-18 8	86	358	10	2260	-20 7	77	358	08	2765	-22 7	67	355	09
28	1351	-13 2	57	044	04	1814	-13 5	39	065	06	2310	-15 5	32	068	07	2822	-17 7	A17	075	11
29	1358	-12 5	67	301	04	1822	-11 9	40	303	04	2315	-12 6	65	303	04	2842	-13 8	79	322	05
30	1338	-14 8	80	176	07	1800	-13 3	81	172	05	2290	-14 4	82	164	03	2812	-15 8	81	157	02
31	1403	-13 8	68	133	14	1864	-13 3	44	145	11	2350	-15 7	42	134	11	2870	-18 1	58	128	12
MN	1366	-11 3	61	357	04	1832	-12 2	51	*		2324	-14 0	46	*		2843	-16 3	47	354	06

CONSTANT PRESSURE DATA — 12 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1431	-10 7	28	318	16	1897	-12 3	25	316	17	2385	-15 3	26	314	14	2905	-18 7	29	314	15
02	1435	-14 0	35	358	08	1894	-16 9	47	350	13	2380	-19 3	44	345	13	2886	-21 1	30	348	15
03	1369	-11 7	83	355	10	1895	-10 9	83	360	11	2340	-11 1	60	010	12	2860	-12 1	24	010	16
04	1387	-11 7	71	006	12	1894	-10 6	52	006	14	2340	-12 1	34	004	16	2875	-19 9	33	003	21
05	1411	-12 8	47	357	08	1874	-13 5	31	002	09	2395	-15 1	59	359	11	2882	-17 4	62	001	11
06	1408	-11 0	24	028	03	1874	-11 8	A16	026	04	2370	-13 1	A16	022	03	2889	-16 3	28	015	04
07	1384	-11 1	26			1850	-11 9	A16			2350	-14 1	27			2862	-16 5	32		
08	1375	-10 8	56	237	03	1842	-11 9	47	241	03	2330	-14 1	44	256	03	2854	-16 8	47	257	03
09	1345	-13 4	36	156	08	1807	-13 6	34	158	08	2305	-13 7	26	161	09	2819	-16 6	28	162	08
10	1305	-09 8	69	143	06	1772	-12 1	81	142	05	2270	-14 5	87	142	07	2782	-17 4	86	158	08
11	1286	-11 6	85	118	03	1751	-12 9	82	133	03	2250	-15 0	76	146	03	2759	-18 3	67	150	05
12	1298	-10 9	82	083	02	1764	-12 2	76	097	04	2255	-14 7	64	121	04	2775	-17 2	93	129	05
13	1319	-11 1	73	297	03	1784	-12 8	53	311	03	2265	-14 6	32	354	01	2795	-17 0	35	084	01
14	1356	-10 2	52	-		1823	-11 5	53	-		2310	-12 7	26	006	04	2839	-15 6	40	007	04
15	1356	-07 4	40	351	08	1828	-09 0	A15	008	08	2330	-11 5	A16	010	08	2851	-14 0	A16	010	09
16	1373	-10 8	56	015	04	1841	-09 6	30	019	05	2335	-11 0	24	026	06	2865	-14 1	A16	027	06
17	1387	-09 2	62	348	11	1859	-08 2	34	341	09	2355	-10 1	26	344	08	2888	-12 2	A16	352	07
18	1405	-10 6	59	355	08	1873	-09 7	35	355	07	2370	-10 8	24	353	06	2898	-13 3	A16	353	06
19	1491	-10 4	86	310	10	1918	-10 5	40	330	13	2420	-12 3	39	333	13	2938	-14 9	53	328	12
20	1469	-07 2	86	297	12	1941	-09 2	56	305	14	2448	-12 1	34	308	14	2963	-14 8	30	312	14
21	1408	-04 3	73	187	03	1885	-06 6	74	199	03	2385	-08 9	74	212	04	2918	-12 0	66	255	05
22	1265	-09 8	57	078	04	1792	-10 9	73	050	03	2290	-12 6	80	334	04	2751	-14 8	83	341	10
23	1331	-09 4	60	022	13	1799	-09 8	42	026	12	2300	-11 8	33	026	10	2821	-14 0	A16	013	09
24	1290	-18 9	76	356	12	1744	-17 5	80	349	08	2245	-19 8	78	354	10	2735	-22 3	76	354	12
25	1328	-15 7	77	006	11	1786	-15 5	78	011	11	2285	-17 7	66	012	12	2785	-19 8	52	007	12
26	1323	-15 3	79	355	11	1780	-16 9	78	352	10	2280	-18 6	77	352	10	2775	-20 4	76	352	11
27	1319	-16 0	74	038	08	1776	-16 0	59	050	08	2270	-18 3	56	049	10	2773	-21 4	94	049	11
28	1372	-11 8	44	335	03	1837	-12 0	28	021	03	2330	-12 3	24	036	04	2856	-14 2	A16	043	06
29	1341	-12 7	88	264	05	1805	-11 3	89	274	04	2315	-11 4	89	309	03	2827	-14 3	86	352	02
30	1362	-18 5	91	160	12	1820	-14 9	92	160	14	2310	-15 8	90	160	14	2826	-17 3	88	156	10
31	1411	-15 3	73	127	09	1869	-15 2	55	139	07	2355	-14 8	51	144	07	2878	-17 4	28	140	08
MN	1365	-11 8	63	360	04	1829	-12 2	54	*		2324	-13 8	49	*		2843	-16 4	45	360	05

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ISACHSEN, N.W.T.

MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	4070	-24	37	003	19	5378	-31	57	353	13	6922	-42	2	346	16	8804	-56	1	351	21
02	3992	-25	28	338	12	5290	-34	31	349	14	6813	-45	6	349	11	8686	-54	3	344	14
03	3989	-23	90	338	17	5299	-33	90	335	18	6831	-43	3	338	21	8726	-50	7	353	22
04	4010	-19	49	341	30	5342	-29	57	344	33	6912	-38	A22	353	45	8835	-51	6	358	51
05	4022	-23	33	006	20	5337	-30	29	360	32	6889	-40	7	356	34	8787	-52	3	352	38
06	4034	-23	A18	360	09	5342	-32	A20	360	13	6880	-43	7	358	16	8766	-54	7	346	18
07	4012	-24	42	345	16	5320	-33	A21	358	05	6851	-44	5	353	10	8731	-55	8	340	06
08	3997	-24	35	325	10	5304	-32	32	319	07	6841	-42	8	304	08	8732	-51	9	193	11
09	3997	-22	29	218	07	5311	-31	60	218	09	6858	-41	0	210	14	8749	-56	1	216	18
10	3947	-23	63	170	14	5264	-29	33	182	17	6818	-41	2	201	18	8726	-50	6	201	10
11	3897	-25	58	151	09	5203	-32	57	139	13	6748	-42	2	139	16	8649	-50	8	148	14
12	3899	-25	66	133	09	5200	-33	43	143	18	6738	-42	2	140	23	8645	-47	3	150	15
13	3920	-25	49	048	06	5232	-30	42	078	11	6776	-42	8	080	18	8669	-50	6	086	13
14	3965	-22	33	102	04	5283	-30	29	100	12	6832	-42	0	113	16	8717	-54	8	110	17
15	4000	-20	A18	032	06	5328	-28	A19	037	08	6881	-41	6	043	12	8770	-54	6	044	08
16	3996	-21	A18	020	12	5314	-30	A20	012	13	6860	-42	3	011	15	8755	-51	3	012	14
17	4041	-21	A18	357	07	5365	-29	A19	353	06	6924	-40	6	128	02	8829	-53	6	167	01
18	4054	-20	A18	314	02	5380	-29	43	217	02	6935	-41	7	230	02	8831	-54	1	269	04
19	4090	-20	A18	330	06	5413	-29	60	314	07	6968	-40	6	327	11	8876	-50	5	332	12
20	4117	-18	A17	307	18	5451	-27	36	316	21	7018	-39	5	318	33	8932	-51	6	323	28
21	4141	-16	73	308	15	5493	-24	71	318	19	7080	-36	2	312	24	9011	-51	0	319	26
22	3991	-18	87	249	03	5527	-26	81	192	07	6903	-38	2	178	18	8824	-52	8	185	17
23	3944	-18	A17	032	08	5282	-26	A19	048	09	6858	-37	A22	048	08	8782	-51	1	055	10
24	3914	-25	39	346	09	5209	-35	35	319	08	6727	-44	5	279	10	8646	-43	3	322	13
25	3914	-24	49	021	13	5221	-32	51	026	19	6758	-43	6	017	27	8656	-46	7	019	18
26	3929	-25	64	358	13	5233	-32	43	358	16	6776	-43	9	357	19	8674	-47	9	358	17
27	3882	-29	38	349	08	5160	-37	A22	340	08	6679	-42	4	359	12	8638	-39	2	011	12
28	3964	-23	A18	087	13	5274	-32	A20	-		6812	-43	4	098	21	8730	-44	0	092	20
29	4001	-19	82	008	07	5331	-28	76	022	10	6889	-41	0	035	16	8797	-49	4	044	15
30	3959	-22	77	153	02	5266	-33	73	186	05	6804	-41	7	202	16	8724	-42	9	195	02
31	4008	-24	A18	112	10	5312	-33	A20	131	12	6847	-44	3	130	11	8749	-44	7	113	10
MN	3990	-22	42	*		5305	-31	42	*	06	6853	-41	45	*	06	8756	-50	5	*	07

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11366	-53	7	356	11	13236	-50	1	336	05	15880	-49	5	003	05	18207	-50	1	350	08
02	11333	-49	0	342	14	13225	-47	6	346	12	15890	-48	7	352	07	18229	-50	0	006	05
03	11379	-47	8	003	18	13271	-49	1	005	11	15924	-48	8	023	09	18254	-50	3	018	09
04	11436	-50	1	012	12	13312	-49	5	358	15	15964	-50	1	017	09	18298	-48	5	013	04
05	11388	-51	0	005	17	13269	-48	9	016	08	15924	-49	9	005	07	18257	-50	1	058	03
06	11403	-48	0	348	07	13297	-48	2	343	03	15964	-48	3	007	04	18312	-48	1	050	03
07	11381	-47	6	343	01	13279	-47	9	186	01	15949	-48	2	133	01	18298	-48	2	136	01
08	11403	-45	9	180	04	13313	-47	0	172	06	15997	-47	1	172	04	18359	-46	7	163	04
09	11379	-47	0	202	08	13286	-46	7	198	07	15969	-47	1	184	06	18329	-47	3	173	07
10	11405	-45	6	207	07	13331	-44	1	209	06	16048	-44	5	207	05	18440	-44	0	196	04
11	11340	-45	0	198	04	13262	-45	1	273	08	15968	-45	7	260	03	18341	-46	1	231	03
12	11363	-43	1	197	04	13297	-43	1	248	05	16012	-45	6	270	04	18390	-45	9	266	04
13	11360	-44	1	266	02	13290	-44	2	283	04	16011	-44	6	256	05	18390	-45	3	262	04
14	11371	-46	1	107	04	13295	-43	7	286	02	16009	-45	3	288	03	18384	-46	6	214	04
15	11400	-47	3	348	02	13307	-45	8	328	02	16021	-45	1	219	02	18393	-46	1	242	01
16	11441	-44	8	354	04	13361	-45	8	357	04	16079	-43	9	316	01	18463	-45	4	286	02
17	11481	-46	7	352	06	13395	-45	6	333	05	16101	-44	9	319	02	18486	-44	4	318	02
18	11494	-44	4	220	07	13421	-44	2	324	08	16150	-44	1	342	04	18544	-44	0	333	05
19	11588	-44	6	342	17	13510	-45	2	348	15	16217	-45	1	347	11	18602	-44	7	006	03
20	11614	-43	1	315	24	13546	-45	6	309	13	16236	-47	0	328	08	18608	-45	6	294	06
21	11625	-48	0	318	15	13528	-46	9	312	12	16216	-45	8	313	08	18600	-44	9	312	05
22	11537	-42	1	293	08	13479	-42	8	290	08	16209	-43	8	320	09	18604	-44	0	333	06
23	11445	-42	8	346	06	13391	-42	8	334	09	16131	-41	8	345	07	18548	-41	6	333	10
24	11399	-41	5	341	12	13355	-41	3	346	09	16105	-41	9	354	08	18516	-41	6	015	07
25	11403	-40	7	012	12	13355	-41	4	008	09	16108	-41	8	042	07	18531	-40	1	038	06
26	11409	-41	1	008	12	13359	-42	8	025	12	16108	-39	9	018	13	18516	-43	3	036	11
27	11423	-38	1	030	10	13391	-40	6	040	08	16143	-41	9	048	11	18552	-43	0	051	06
28	11485	-40	1	065	14	13446	-40	8	072	13	16195	-42	0	060	12	18595	-44	5	070	10
29	11505	-41	2	056	12	13458	-41	7	048	09	16191	-45	4	039	07					
30	11492	-38	9	058	05	13459	-39	0	051	07	16210	-43	5	066	07	18623	-41	9	051	06
31	11499	-40	7	101	09	13460	-40	6	093	08	16213	-42	0	094	08	18619	-42	6	092	07
MN	11437	-44	8	*	05	13361	-44	8	*	05	16069	-45	3	*	04	18443	-45	5	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	4037	-25	29	310	16	5338	-32	A20	309	14	6871	-43	5	296	15	8760	-54	2	297	22
02	4017	-25	67	358	15	5329	-31	45	360	20	6878	-42	4	355	26	8763	-56	9	018	28
03	4023	-19	26	012	18	5345	-31	34	006	24	6895	-41	6	017	32	8790	-54	0	029	39
04	4023	-23	A18	357	27	5337	-30	A20	357	31	6893	-40	4	354	35	8795	-53	2	353	41
05	4022	-23	39	001	15	5332	-32	65	353	21	6871	-42	5	343	24	8763	-53	8	339	32
06	4031	-23	32	008	05	5339	-32	A20	360	08	6874	-44	0	360	09	8752	-55	2	358	09
07	4005	-23	44			5311	-33	30			6845	-43	9			8725	-53	1		
08	3997	-23	29	260	03	5308	-32	38	252	06	6847	-42	9	265	07	8732	-55	2	268	12
09	3960	-23	27	173	09	5268	-33	60	184	11	6817	-39	A22	191	11	8729	-53	2	186	19
10	3922	-23	66	158	11	5243	-29	68	168	11	6795	-41	4	170	18	8689	-53	0	173	19
11	3894	-25	64	152	08	5194	-33	57	140	13	6732	-42	5	141	17	8632	-48	6	142	12
12	3917	-24	43	122	10	5224	-31	38	125	17	6768	-42	3	130	23	8663	-51	8	136	18
13	3937	-22	44	116	06	5255	-31	34	109	09	6797	-42	3	111	14	8683	-53	1	107	13
14	3990	-20	39	071	05	5317	-29	32	071	06	6867	-42	4	072	09	8756	-54	8	086	13
15	4007	-20	A18	012	09	5329	-30	A20	012	12	6876	-42	4	023	15	8768	-52	6	014	13
16	4018	-21	A18	036	08	5339	-30	A20	036	08	6891	-41	3	046	07	8793	-53	9	100	07
17	4049	-19	A17	358	06	5377	-28	46	016	05	6935	-40	5	014	05	8836	-54	8	008	05
18	4055	-20	A18	353	04	5377	-30	41	354	02	6927	-41	4	357	02	8823	-53	6	028	02
19	4091	-20	34	333	12	5421	-27	A19	339	20	6992	-37	6	336	28	8935	-47	2	331	29
20	4120	-19	62	310	17	5452	-27	29	313	19	7031	-36	6	327	28	8960	-52	1	329	33
21	4090	-15	63	281	05	5444	-24	28	289	09	7032	-35	6	302	13	8967	-50	9	315	22
22	3903	-21	78	040	04	5228	-29	71	112	08	6794	-37	6	115	18	8719	-51	1	130	21
23	3978	-19	A17	004	11	5308	-28	29	345	13	6878	-37	6	319	12	8804	-51	6	310	14
24	3856	-27	71	348	07	5142	-36	61	349	09	6655	-45	6	354	06	8566	-42	8	360	12
25	3917	-25	63	008	16	5220	-32	59	007	18	6754	-43	7	007	23	8646	-48	8	011	19
26	3905	-25	74	352	11	5208	-33	74	352	11	6733	-45	5	352	17	8639	-44	9	350	15
27	3893	-28	55	053	08	5173	-38	61	055	08	6683	-44	1	069	08	8637	-38	7	061	12
28	4014	-20	A17	061	10	5341	-29	A20	064	13	6903	-39	A22	064	18	8828	-47	9	062	23
29	3979	-21	79	327	02	5297	-30	73	272	07	6844	-41	6	276	14	8761	-45	4	329	09
30	3966	-24	80	147	08	5274	-32	67	146	14	6814	-42	8	127	13	8715	-48	1	127	14
31	4019	-23	62	145	13	5332	-31	64	163	16	6876	-42	6	170	19	8770	-51	5	173	19
MN	3988	-22	45	*		5303	-31	43	*	06	6851	-41	42	*	06	8759	-51	2	*	07

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11334	-52	1	325	15	13207	-51	0	348	08	15857	-48	6	002	07	18182	-50	2	027	06
02	11361	-50	0	012	19	13238	-51	2	012	13	15890	-51	0	010	06	18222	-51	0	018	08
03	11391	-50	4	015	25	13275	-49	4	012	17	15931	-49	9	017	10	18260	-50	7	040	05
04	11402	-50	1	359	21	13279	-50	4	003	13	15935	-51	1	029	08	18259	-49	8	042	05
05	11386	-49	7	004	14	13267	-49	8	355	09	15921	-50	0	046	04	18251	-50	0	043	05
06	11395	-47	9	360	03	13295	-47	6	007	02	15971	-48	3	022	02					
07	11391	-46	7			13298	-47	2			15976	-48	2			18326	-48	0		
08	11391	-46	2	186	07	13301	-46	6	162	07	15980	-47	2	173	05	18343	-48	1	165	08
09	11377	-46	6	205	08	13288	-46	8	195	06	15977	-46	8	188	07	18340	-47	6	181	06
10	11368	-45	1	203	06	13292	-44	8	278	04	16002	-45	3	194	04	18380	-45	6	216	04
11	11346	-43	6	205	03	13275	-44	6	275	03	15984	-45	5	264	02	18362	-45	7	239	03
12	11363	-43	7	264	03	13298	-43	6	263	04	16024	-44	2	279	05	18404	-45	1	269	02
13	11361	-44	6	015	02	13287	-44	8	298	03	16009	-44	2	269	04	18386	-45	9	283	04
14	11392	-46	6	325	02	13303	-46	5	307	03	16014	-44	9	296	03	18387	-46	0	249	02
15	11441	-45	0	360	06	13367	-44	1	358	02	16092	-43	8	272	01	18478	-45	1	000	00
16	11437	-46	2	011	05	13349	-46	2	009	04	16054	-44	9	001	02	18431	-45	6	324	02
17	11479	-46	4	334	07	13394	-45	4	348	06	16105	-44	3	352	02	18494	-45	3	351	02
18	11507	-43	8	348	03	13437	-44	5	333	04	16148	-45	1	328	05	18530	-45	4	346	04
19	11605	-46	7	339	20	13518	-46	1	345	20	16212	-46	4	356	09	18585	-46	6	338	06
20	11607	-45	8	314	18	13521	-46	3	316	13	16220	-46	5	303	06	18590	-45	7	294	04
21	11592	-47	7	306	12	13500	-46	3	312	09	16195	-46	6	328	08	18583	-43	7	340	05
22	11443	-40	9	318	06	13398	-42	5	322	07	16138	-43	2	332	15	18544	-42	5	336	18
23	11469	-42	4	338	10	13416	-41	9	343	10	16162	-42	0	344	09	18580	-41	4	358	10
24	11343	-40	0	008	10	13302	-41	1	013	08	16046	-42	8	005	07	18447	-42	2	035	09
25	11387	-41	9	013	14	13309	-43	2	019	11	16043	-42	7	030	07	18444	-43	8	050	07
26	11392	-40	1	360	11	13351	-40	8	035	09	16104	-41	6	048	08	18520	-42	2	037	08
27	11430	-39	5	058	12	13393	-40	6	055	12	16144	-41	7	062	12	18553	-43	0	060	06
28	11537	-41	2	059	17	13492	-40	7	065	16	16239	-43	2	063	13	18644	-44	8	053	14
29	11511	-39	8	041	11	13476	-40	6	043	10	16217	-43	3	052	09	18622	-42	8	064	07
30	11462	-39	5	080	08	13430	-40	7	080	07	16190	-42	0	072	08	18609	-40	8	099	09
31	11483	-41	8	124	08	13429	-42	5	111	08	16174	-42	5	092	07	18579	-41	7	093	08
MN	11431	-44	9	*	07	13354	-45	1	*	05	16063	-45	4	*	04	18445	-45	5	*	

A — Statistical Value for Relative Humidity

** — Vector Mean Wind*

\- — Entered under Wind Direction indicates a Stratum of Missing Wind Data

ISACHSEN, N.W.T.

MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20407	-50 5		046	04	23743	-50 0		238	01										
02	20425	-50 2		030	04															
03	20452	-49 8		042	06	23810	-47 0		076	04	26510	-44 4		047	06					
04	20514	-46 7		036	05	23911	-44 3		080	03										
05	20461	-49 0		131	05	23825	-47 1		111	06	26523	-45 0		005	09					
06	20531	-47 9		140	03	23919	-46 3		075	04										
07	20514	-48 2		100	02	23908	-44 5		124	03	26641	-41 7		144	02					
08	20587	-45 8		143	05	23983	-45 5		134	06	26714	-40 8								
09	20552	-47 0		171	07	23952	-44 6		167	08										
10	20702	-43 7		190	07	24149	-41 4		186	05										
11	20578	-45 6		200	06	23996	-43 9		187	06										
12	20633	-45 3		200	04	24062	-42 6		183	05										
13	20637	-44 2		230	05	24070	-42 5		173	07	26821	-40 7		179	07					
14	20618	-45 9		210	02	24041	-43 1		197	03	26785	-41 2		196	06					
15	20639	-44 2		262	01	24085	-41 5		192	03	26838	-42 4		173	03					
16	20719	-42 8		000	00	24176	-41 0		266	01	26922	-43 0		080	03					
17	20747	-43 3		082	02	24188	-43 3		055	03	26926	-42 2								
18	20803	-44 0		345	02	24235	-43 3		357	02										
19	20856	-44 3		047	03	24285	-43 3		008	04	27019	-42 4								
20	20847	-44 5		317	06	24271	-43 4		020	04										
21	20851	-44 0		313	03	24285	-42 8		034	04										
22	20863	-43 8		002	06	24299	-43 6		355	03	27043	-39 9		356	08					
23	20818	-44 0		020	08	24264	-42 6		008	07	27004	-41 6		022	11	31753	-36 7		025	12
24	20796	-40 7		009	10	24276	-40 8		022	06										
25	20825	-41 5		023	07	24299														
26	20777	-43 7		042	08	24217	-43 8		057	05										
27	20815	-43 6		062	09	24253	-43 0		068	07										
28	20857	-44 4		058	07	24302	-41 4		067	08										
29																				
30	20895	-43 2		090	07	24349	-40 9		081	10	27127	-38 5								
31	20892	-42 5		106	05	24354														
MN	20687	-45 1		*55	02	24121	-43 6		*92	02	26836	-41 8		*		31753	-36 7		*	

SPECIAL AEROLOGICAL DATA 00 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Code	Tropopause (1) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Tropopause (2) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Max. Wind Level Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00904	02	1 14	0					1	09 54	266	-62 5	308	0					9	09 56	265	356	31
02	15400	02	0 00	0					1	08 75	297	-54 5	309	0					9	04 73	541	344	20
03	855--	70	7 32	0					2	08 07	332	-50 7	305	0					9	06 44	423	336	25
04	35439	38	8 06	0					2	09 75	260	-57 2	318	0					9	08 00	342	353	55
05	16400	10	3 15	0					1	09 81	255	-57 8	318	0					9	08 28	324	354	46
06	862--	02	4 00	0					1	08 95	292	-56 0	309	0					9	07 19	383	356	20
07	66200	01	7 09	0					1	08 71	302	-55 6	307	0					9	03 62	633	011	21
08	00900	02	8 01	0					1	08 41	315	-52 8	307	0					9	08 40	316	302	13
09	10831	02	7 01	0					1	09 20	280	-58 5	309	0					9	09 02	287	216	21
10	10848	03	7 11	0					1	08 84	295	-51 0	315	0					9	06 60	413	194	20
11	25504	71	7 02	0					1	08 32	316	-51 7	308	0					9	07 03	384	139	19
12	874--	71	1 02	0					2	07 70	346	-48 8	304	0					9	07 55	354	138	26
13	00902	02	3 09	0					1	08 27	320	-51 7	307	0					9	07 53	358	081	21
14	854--	02	2 07	0					1	08 48	310	-55 1	305	0					9	08 12	331	110	23
15	854--	02	1 02	0					1	09 32	274	-56 6	313	0					9	07 60	358	042	14
16	854--	71	1 09	0					2	07 75	350	-49 4	302	0					9	06 65	413	013	19
17	873--	71	1 02	0					1	08 90	296	-54 0	310	0					9	02 28	757	354	08
18	874--	10	7 01	0					2	08 71	307	-54 1	308	0					9	13 39	151	324	08
19	874--	71	2 09	0					1	08 58	314	-51 3	308	0					9	11 57	201	342	17
20	855--	02	1 01	0					1	09 01	296	-51 9	313	0					9	07 15	392	319	36
21	863--	02	8 07	0					1	10 18	250	-59 0	318	0					9	09 20	291	319	27
22	854--	02	7 25	0					1	08 82	300	-52 8	312	0					9	07 87	348	173	20
23	36200	01	2 10	0					1	09 43	272	-55 8	316	0					9	29 80	013	023	13
24	9-0--	39	1 04	0					1	07 98	352	-46 8	305	0					9	00 40	960	336	16
25	9-0--	39	2 11	0					1	07 84	340	-50 7	303	0					9	06 70	404	017	27
26	86400	71	3 01	0					1	08 03	330	-51 0	306	0					9	07 78	342	358	25
27	9-0--	71	4 00	0					1	06 21	428	-42 5	294	0					9	00 90	900	333	14
28	855--	02	2 10	0					1	08 31	320	-47 7	313	0					9	07 70	351	102	25
29	854--	71	8 06	0					2	07 72	353	-47 5	304	0					8	07 10	388	036	17
30	26401	71	1 02	0					2	07 56	357	-45 7	306	0					9	06 95	392	200	17
31	36400	38	2 11	0					2	07 57	358	-49 4	300	0					9	01 20	874	133	13
MEAN										08 53	312	-52 6	308										

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20382	-48 9		038	03	23722	-49 2		046	05	26395	-46 8		123	05					
02	20414	-50 6		026	06															
03	20461	-49 7		038	12	23815	-48 0		125	05	26509	-44 9		168	05					
04	20467	-49 8		041	08	23847														
05	20464	-48 5		071	03	23836														
06																				
07	20548	-47 4				23937	-45 4				26656	-43 3								
08	20567	-46 9		152	07	23970														
09	20571	-46 8		171	08	23971	-44 3		165	10										
10	20626	-44 9		168	04	24046	-44 5		171	05										
11	20604	-45 6		176	04	24029	-42 3		165	05	26777	-41 3								
12	20654	-45 2		221	03	24100														
13	20628	-44 7		186	02	24061	-42 8		188	07										
14	20632	-44 8		208	04	24072	-41 3		180	04										
15	20742	-42 9		143	01	24199	-41 3		166	02	26957	-41 0		078	04					
16	20684	-43 7		013	01	24122	-43 4		076	04										
17	20747	-43 8		038	02	24187	-42 9		061	03										
18	20773	-47 1		001	04	24204	-43 3		050	05	26938	-42 9		052	05					
19	20829	-45 2		333	02	24260	-43 2		025	06	26998	-42 2								
20	20825	-45 8		333	03	24242														
21	20846	-43 8		337	05	24282	-43 6		015	03										
22	20817	-43 2		345	12	24266	-42 5		029	10										
23	20869	-40 7		020	07	24351	-40 0		020	09										
24	20722	-40 8		032	09	24183	-41 8													
25	20718	-43 1		043	08	24158	-43 1		059	07										
26	20790	-43 3		048	11	24221	-44 0		072	13										
27	20819	-43 9		063	09															
28	20905	-43 5		059	07	24352														
29	20883	-44 1		068	08															
30	20889	-41 0		092	07	24364	-40 3		105	09	27144	-36 1		080	10					
31	20851	-43 2		095	09	24322														
MN	20691	-45 1		*48	03	24116	-43 4		*		26797	-42 3		*					*	

SPECIAL AEROLOGICAL DATA 12 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Code	Tropopause (1) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Tropopause (2) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Max. Wind Level Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00901	02	6 08	0					1	09 91	250	-60 4	316	2	16 58	090	-51 7	442	9	08 49	312	292	23
02	35600	02	0 00	0					1	08 84	296	-57 4	306	1	15 61	104	-51 8	422	9	08 10	332	014	29
03	40870	02	0 04	0					1	09 46	269	-57 4	314	0					9	08 90	294	023	40
04	00900	39	0 01	0					1	09 38	273	-56 2	314	1	15 43	108	-51 2	418	9	08 21	328	352	43
05	00901	02	4 00	0					1	09 22	278	-55 1	314	0					9	08 89	294	339	32
06	9-0--	45	8 03	0					2	08 59	308	-55 1	306	0					8	07 90	343	358	13
07	00900	02	6 01	0					1	08 58	307	-53 7	307	0					0				
08	25400	02	4 00	0					1	08 73	300	-55 2	308	0					9	08 19	326	268	14
09	00901	02	7 08	0					1	08 86	294	-54 1	311	0					9	08 91	292	186	20
10	26501	02	7 03	0					1	08 83	294	-53 4	312	0					9	07 50	360	170	19
11	864--	71	1 01	0					1	08 12	325	-50 9	307	0					9	06 35	423	141	18
12	65500	71	1 03	0					1	08 36	314	-52 9	307	0					9	07 21	373	131	23
13	854--	71	1 05	0					1	08 65	302	-53 3	309	0					9	07 48	362	106	15
14	864--	02	1 03	0					2	08 59	307	-54 5	307	0					9	08 42	315	085	14
15	66400	01	6 03	0					2	08 48	314	-52 6	307	0					9	08 05	335	024	17
16	854--	71	2 10	0					1	09 05	287	-55 8	311	0					9	04 95	528	039	10
17	864--	71	4 00	0					1	09 12	286	-57 1	309	0					9	00 91	905	351	12
18	864--	71	2 13	0					1	08 97	294	-53 9	312	0					9	01 48	842	355	09
19	864--	02	8 03	0					2	08 40	325	-46 6	313	0					9	07 35	380	333	32
20	861--	10	2 03	0					1	09 47	276	-56 3	313	0					9	09 60	271	327	37
21	860--	42	7 24	0					1	10 00	255	-55 8	322	0					9	08 98	299	319	22
22	864--	02	4 00	0					1	08 70	302	-51 5	313	0					9	08 40	316	124	22
23	56400	38	2 10	0					1	09 52	268	-56 8	315	0					9	09 45	271	317	20
24	76200	39	6 09	0					1	07 39	358	-49 2	301	0					9	00 33	968	357	14
25	853--	36	4 00	0					1	07 98	332	-52 1	303	0					9	07 69	348	013	28
26	864--	38	8 02	0					1	07 58	353	-50 0	301	0					9	07 41	362	350	20
27	75300	71	6 02	0					2	06 11	435	-43 7	291	0					9	09 10	281	059	15
28	854--	02	1 04	0					1	08 34	322	-48 0	312	0					9	09 40	274	057	26
29	864--	71	7 08	0					1	07 74	350	-47 4	305	0					9	07 56	361	290	15
30	844--	03	2 30	0					1	08 12	328	-50 7	306	0					9	00 40	967	195	17
31	15404	02	7 04	0					1	08 60	307	-52 6	309	0					9	08 10	332	189	29
MEAN										08 64	307	-53 2	309		15 87	101	-51 6	427					

A Statistical Value for Relative Humidity

** Vector Mean Wind*

- Entered under Wind Direction indicates a Stratum of Missing Wind Data

ISACHSEN, N.W.T.
JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1015	-04	81	020	07	0143	-05	68	013	07	0530	-08	55	342	05	0960	-10	62	340	03
02	1011	-06	89	020	09	0112	-07	80	021	09	0505	-07	70	031	09	0934	-04	29	034	09
03	1014	-03	89	010	08	0139	-04	88	003	07	0530	-07	87	352	04	0966	-05	88	332	03
04	1018	-02	94	010	03	0173	-03	93	353	04	0580	-06	92	330	06	0997	-09	88	332	05
05	1019	-02	91	020	05	0177	-03	91	008	05	0590	-07	90	343	08	1001	-06	89	353	08
06	1020	-02	89	360	05	0184	-04	89	003	04	0595	-04	85	003	04	1015	-01	33	005	07
07	1021	-01	87	190	05	0191	-03	89	180	05	0610	-00	80	175	04	1029	-00	70	224	04
08	1018	-00	87	180	13	0174	-01	92	165	14	0600	-00	92	172	17	1014	-02	89	186	16
09	1012	-00	96	200	09	0127	-01	97	196	09	0545	-03	99	187	12	0962	-02	100	198	12
10	1010	000	97	200	09	0111	000	98	197	10	0520	-01	99	196	15	0952	-00	100	196	14
11	1017	000	94	250	04	0167	-00	93	247	04	0580	-03	91	252	04	1000	-06	91	280	05
12	1016	001	88	130	05	0154	000	89	129	05	0570	-02	92	126	07	0990	-03	83	120	07
13	1012	000	97	200	08	0122	000	97	192	08	0530	-02	98	183	10	0964	000	96	185	13
14	1011	000	97	250	05	0119	000	96	248	03	0525	-02	93	271	01	0962	000	93	212	03
15	1015	000	88	350	07	0148	-00	88	340	07	0558	-03	90	325	07	0985	-02	75	331	07
16	1017	000	90	310	07	0164	-00	85	311	06	0580	-04	72	317	05	0995	-07	76	328	03
17	1010	000	87	360	10	0108	-00	86	358	10	0510	-04	85	348	10	0940	-06	81	346	09
18	1012	000	90	340	09	0125	-00	88	338	08	0535	-03	79	332	05	0958	-04	65	344	06
19	1013	002	74	010	03	0134	001	77	011	03	0540	-02	80	328	02	0972	-03	60	319	02
20	1009	-00	84	020	08	0097	-01	85	019	07	0500	-04	82	341	04	0928	-05	68	301	05
21	1010	-00	75	360	07	0108	-00	96	359	07	0510	-04	82	353	09	0938	-08	89	354	06
22	1010	000	87	270	07	0111	-00	86	274	06	0515	-04	82	319	04	0943	-05	80	342	05
23	1008	002	85	000	00	0090	001	93	000	00	0500	-02	87	000	00	0927	-03	89	000	00
24	1009	003	83	250	05	0104	002	88	252	04	0510	-00	82	272	02	0946	-01	91	273	02
25	1012	001	88	250	07	0127	000	85	259	06	0540	-00	75	278	04	0970	-01	67	269	06
26	1008	001	91	290	07	0094	001	93	289	07	0510	000	95	297	08	0939	-01	96	300	11
27	1006	000	90	360	11	0072	000		359	11	0480	-02	88	348	10	0907	-05	80	358	13
28	1002	000	90	030	07	0049	000	89	029	07	0470	-03	84	012	08	0882	-05	82	012	06
29	1009	000	70	020	02	0104	-00	78	020	02	0510	-04	80	341	02	0937	-05	74	305	02
30	1013	000	78	225	07	0131	-00	78	230	05	0535	-03	77	290	02	0963	-05	75	268	02
MN	1013	-00	87	*		129	-01	87	*		537	-03	85	*		969	-04	78	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1402	-08	64	022	02	1873	-08	68	075	04	2360	-11	65	096	06	2898	-13	56	135	08
02	1386	-03	24	037	05	1864	-05	34	132	02	2370	-07	30	073	07	2900	-10	30	094	07
03	1413	-07	85	353	04	1889	-05	68	355	05	2390	-07	55	334	04	2928	-10	35	297	01
04	1442	-08	67	334	05	1913	-09	88	335	04	2410	-10	46	308	04	2942	-12	30	300	04
05	1448	-06	65	001	09	1922	-07	54	002	09	2430	-09	41	020	07	2952	-12	31	009	07
06	1467	-04	54	005	08	1944	-06	61	347	09	2450	-07	66	348	10	2982	-11	63	355	09
07	1484	-02	57	249	05	1965	-04	57	262	07	2480	-06	53	258	07	3007	-09	45	268	06
08	1466	-05	85	193	19	1942	-07	78	195	18	2460	-08	78	192	21	2980	-07	74	216	11
09	1420	003	100	218	14	1913	001	98	217	16	2440	-01	94	217	14	2978	-04	89	215	13
10	1409	-01	100	203	15	1892	-03	99	203	15	2405	-06	97	200	14	2937	-08	98	202	18
11	1446	-06	95	325	08	1923	-03	73	310	10	2420	-03	56	276	08	2979	-06	38	282	10
12	1444	-01	67	115	09	1926	-04	61	108	07	2420	-05	51	106	08	2975	-08	38	139	05
13	1422	-00	86	189	13	1905	-01	58	210	08	2425	-02	33	42	216	10	2963	-05	29	212	11
14	1420	-00	95	231	09	1903	-03	94	238	06	2410	-06	2	91	222	04	2948	-09	5	88	172	08
15	1439	-02	96	322	07	1920	-04	44	315	08	2420	-07	2	40	303	07	2961	-10	2	37	306	08
16	1442	-04	59	316	10	1920	-05	2	74	305	11	2410	-07	9	78	308	12	2958	-11	2	76	309	16
17	1385	-08	68	356	09	1854	-10	3	74	349	10	2350	-12	6	69	329	12	2872	-16	0	65	329	14
18	1407	-05	90	342	09	1881	-07	4	93	331	08	2380	-09	7	23	328	09	2910	-12	8	24	327	08
19	1423	-05	2	74	328	04	1899	-07	4	73	328	04	2400	-10	0	67	326	05	2927	-12	6	52	316	05
20	1376	-05	8	59	313	05	1850	-07	7	50	327	06	2360	-09	9	59	331	07	2881	-12	8	61	326	06
21	1381	-08	5	59	347	07	1854	-07	7	28	347	07	2350	-09	9	56	337	07	2884	-12	1	30	335	07
22	1392	-05	4	77	327	06	1867	-07	3	61	324	07	2380	-09	9	70	337	08	2895	-13	0	70	344	08
23	1379	-04	1	93	000	00	1856	-07	2	92	000	00	2380	-10	8	91	000	00	2884	-12	8	88	000	00
24	1398	-04	2	58	303	02	1874	-08	2	69	271	02	2360	-11	2	70	105	03	2900	-12	8	61	051	05
25	1424	-02	9	50	270	07	1903	-05	6	58	283	06	2405	-08	2	50	299	08	2940	-10	7	71	312	09
26	1395	-02	5	97	296	14	1875	-05	6	94	296	14	2390	-08	9	91	301	14	2910	-12	3	87	303	18
27	1354	-08	0	81	359	12	1824	-10	7	81	358	13	2320	-12	2	70	006	13	2845	-15	0	98	008	14
28	1328	-08	0	78	002	08	1798	-10	3	76	009	08	2300	-12	7	70	005	10	2818	-15	2	65	350	10
29	1385	-07	1	65	263	03	1857	-09	2	58	250	02	2355	-12	4	53	267	02	2877	-15	8	49	304	03
30	1410	-07	0	73	240	03	1882	-09	1	73	230	03	2385	-11	4	74	245	03	2905	-14	7	76	245	02
MN	1413	-04	8	72	302	03	1890	-06	4	66	*		2393	-08	7	62	*		2924	-11	3	57	301	04

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1011	-08	79	020	10	0113	-08	78	019	10	0510	-07	64	023	08	0933	-05	38	038	07
02	1013	-07	79	010	08	0127	-08	89	013	07	0520	-04	38	019	06	0955	-04	76	027	07
03	1017	-03	91	350	05	0160	-04	96	354	05	0555	-06	99	360	05	0984	-07	97	001	06
04	1019	-04	87	360	07	0181	-05	88	360	07	0580	-09	92	355	08	0999	-07	86	339	11
05	1019	-04	87	360	07	0181	-06	88	351	06	0580	-09	91	343	06	1003	-04	90	347	07
06	1020	-04	89	000	00	0187	-06	89	345	01	0585	-01	89	333	03	1022	-01	84	350	03
07	1020	-02	91	180	08	0187	-04	92	176	08	0600	-01	83	172	09	1024	000	81	181	11
08	1014	-01	96	165	13	0137	-01	92	164	16	0538	-04	74	167	20	0975	-01	92	181	21
09	1011	000	97	150	05	0115	-00	97	152	06	0530	-03	98	163	11	0950	-04	96	166	10
10	1015	-01	92	250	05	0145	-02	91	246	06	0550	-05	90	243	09	0973	-08	90	234	10
11	1017	-01	89	000	00	0166	-03	85	000	00	0575	-03	86	213	02	1000	-03	80	273	02
12	1013	001	94	150	10	0132	000	93	151	10	0550	002	79	168	11	0979	000	76	184	10
13	1012	000	97	190	03	0122	-00	93	196	08	0530	-02	96	200	04	0964	001	86	215	06
14	1012	000	97	010	05	0122	-00	96	001	04	0528	-02	94	314	03	0961	-02	93	290	03
15	1016	-01	87	350	06	0156	-02	87	329	06	0570	-05	89	322	06	0985	-07	90	331	07
16	1010	-00	99	250	08	0107	-01		252	09	0510	-04		266	11	0938	-06	95	276	12
17	1011	-01	85	350	07	0115	-02	86	347	07	0515	-06	89	343	08	0942	-07	88	351	09
18	1013	-01	86	360	02	0139	-01	84	359	02	0540	-03	77	347	02	0966	-05	69	345	05
19	1011	000	81	090	02	0121	000	81	093	02	0530	-03	75	183	02	0956	-04	59	312	02
20	1008	-02	88	360	09	0094	-03	87	360	09	0495	-07	85	358	09	0918	-07	82	008	08
21	1011	-01	71	020	07	0116	-02	72	011	06	0510	-05	77	351	06	0940	-09	82	345	09
22	1008	-00	93			0093	-00	92			0495	-03	87			0927	-05	82		
23	1009	001	88	360	02	0102	001	88	000	00	0505	-02	85	000	00	0941	-03	85	292	02
24	1011	001	82	300	02	0115	000	82	288	02	0525	-01	84	252	03	0956	-02	82	247	03
25	1012	001	91	250	02	0125	002	84	265	04	0530	000	76	292	07	0968	-03	81	287	06
26	1005	000	90	020	09	0072	-00	90	019	09	0475	-03	90	003	08	0905	-06	89	360	08
27	1004	-01	93	310	07	0064	-01	93	310	07	0470	-03	91	308	08	0896	-06	89	318	09
28	1006	-02	86	030	06	0076	-03	87	028	06	0480	-02	85	013	06	0908			016	06
29	1013	-00	86	270	05	0130	-01	86	245	04	0530	-04	87	187	04	0959	-06	88	206	04
30	1015	-00	80	050	05	0151	-01	80	043	04	0545	-04	81	352	03	0980	-07	85	285	02
MN	1013	-01	88	*		128	-02	88	*		532	-04	85	*		960	-04	82	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1383	-04	36	054	07	1861	-05	37	069	08	2365	-08	29	085	11	2898	-11	38	089	11
02	1403	-05	64	040	04	1880	-06	31	041	07	2375	-08	76	087	02	2915	-12	27	095	04
03	1429	-07	77	332	06	1901	-08	9	74	320	07	2400	-11	69	318	07	2923	-14	45	318	07
04	1444	-08	81	338	09	1916	-08	8	73	342	07	2410	-11	77	342	09	2940	-12	64	346	08
05	1452	-06	59	349	07	1925	-08	5	49	340	06	2425	-10	6	44	333	06	2951	-13	0	38	331	07
06	1475	-03	27	326	03	1954	-04	9	69	319	05	2455	-06	8	61	333	08	2993	-11	2	61	338	08
07	1481	-01	8	56	176	11	1962	-04	0	52	187	10	2470	-06	8	44	202	08	3003	-10	5	46	206	07
08	1430	-02	1	94	189	24	1913	-02	4	97	204	21	2425	-03	1	94	213	18	2971	-05	2	91	218	17
09	1404	-00	7	98	168	12	1889	-01	2	99	176	12	2410	-02	0	97	192	11	2951	-04	3	93	198	13
10	1417	-06	0	90	239	08	1896	-03	8	83	239	08	2405	-05	8	56	250	10	2941	-08	9	70	270	11
11	1452	-09	4	69	324	04	1933	-04	0	57	002	05	2440	-06	4	47	006	06	2977	-09	0	35	016	03
12	1435	-02	2	72	174	10	1915	-05	3	89	171	13	2430	-06	9	77	179	11	2959	-07	3	57	188	09
13	1426	001	0	95	214	08	1914	-00	8	94	211	10	2425	-04	1	99	214	09	2967	-07	3	91	230	07
14	1415	-02	3	93	284	04	1897	-04	4	92	305	04	2395	-07	1	91	310	04	2939	-10	1	88	317	05
15	1428	-07	6	86	330	08	1901	-07	3	44	305	10	2405	-07	6	54	295	10	2937	-11	1	63	290	11
16	1384	-08	0	90	267	14	1855	-10	1	87	260	14	2350	-12	4	83	260	16	2871	-16	9	73	254	15
17	1388	-07	8	73	357	09	1860	-08	2	49	355	12	2365	-10	1	44	351	13	2888	-13	4	39	352	13
18	1414	-05	9	64	352	05	1888	-08	0	59	350	05	2395	-10	2	31	331	06	2918	-11	8	27	331	08
19	1405	-05	9	67	316	04	1879	-07	9	74	312	03	2385	-10	1	58	306	04	2908	-12	6	56	324	04
20	1364	-06	7	47	007	09	1838	-07	2	35	007	08	2340	-10	0	45	359	09	2867	-13	1	53	356	07
21	1383	-07	0	75	352	12	1856	-08	3	57	358	10	2355	-10	3	33	353	09	2884	-13	1	36	358	08
22	1375	-08	3	75			1850	-07	8	73			2350	-10	9	77			2878	-13	1	79		
23	1392	-04	6	84	326	03	1868	-07	5	84	302	01	2370	-11	2	84	308	01	2894	-13	6	79	328	03
24	1408	-05	0	79	228	03	1883	-08	1	75	221	04	2385	-09	5	54	273	02	2912	-12	8	65	309	02
25	1417	-06	8	84	293	10	1892	-06	5	63	296	10	2390	-08	3	73	303	12	2929	-09	5	81	310	15
26	1349	-08	9	79	333	08	1818	-09	9	63	323	09	2325	-10	3	70	302	11	2845	-11	8	69	294	13
27	1341	-07	9	87	318	13	1812	-09	4	85	308	12	2305	-12	6	85	310	14	2832	-14	5	85	321	16
28	1356	-07	1	75	029	05	1828	-09	6	67	029	07	2325	-12	6	63	029	06	2846	-16	1	64	009	07
29	1403	-08	5	77	223	04	1872	-10	2	66	213	04	2370	-12	1	54	221	02	2893	-15	2	57	276	03
30	1423	-09	9	86	250	03	1891	-11	1	76	309	01	2385	-12	1	65	025	02	2910	-15	1	56	019	03
MN	1409	-05	5	76	297	03	1885	-06	9	68	*		2388	-09	0	63	*		2918	-11	7	61	305	04

A Statistical Value for Relative Humidity

* *Vector Mean Wind*

– *Entered under Wind Direction Indicates a Stratum of Missing Wind Data*

ISACHSEN, N.W.T.
JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	4051	-22	0	53	159	11	5368	-31	1	63	150	12	6920	-38	9	62	174	12	8840	-51	6		157	23
02	4067	-18	8	30	122	09	5400	-26	1	66	147	09	6981	-35	8	63	154	13	8915	-51	0		159	14
03	4098	-17	8	33	261	02	5440	-25	6	63	214	06	7026	-36	2	65	248	05	8967	-49	7		203	05
04	4110	-18	1	A17	267	04	5445	-28	8	A19	286	05	7005	-39	9	A22	318	07	8914	-53	2		339	09
05	4119	-18	4	37	345	08	5457	-27	0	37	328	11	7029	-38	1	32	296	09	8958	-50	6		328	07
06	4146	-20	7	72	326	13	5475	-28	5	40	325	15	7037	-38	8	51	323	21	8960	-51	2		322	26
07	4181	-16	9	36	281	08	5523	-26	2	35	295	12	7112	-36	1	66	303	18	9054	-49	1		308	25
08	4174	-12	2	70	235	11	5547	-20	9	62	244	15	7162	-31	7	47	262	14	9132	-47	1		265	21
09	4176	-11	9	77	220	08	5554	-20	0	66	227	11	7169	-32	0	54	227	16	9135	-47	6		248	16
10	4117	-16	1	59	196	13	5468	-23	9	61	189	21	7059	-35	3	A21	192	27	9018	-42	4		201	22
11	4170	-14	8	33	266	11	5526	-24	1	A18	251	13	7114	-37	2	A22	257	21	9047	-48	1		247	27
12	4159	-13	6	A16	130	06	5526	-23	0	34	164	07	7136	-33	8	73	213	13	9086	-47	2		229	25
13	4158	-12	7	29	222	08	5525	-22	5	30	216	10	7125	-33	3	30	230	11	9081	-48	3		221	19
14	4120	-17	2	77	345	02	5468	-25	2	74	183	04	7051	-36	7	66	069	02	8992	-49	4		101	01
15	4133	-17	3	A17	312	09	5476	-27	1	41	321	09	7050	-37	6	37	323	14	8972	-48	7		311	15
16	4128	-16	9	40	308	18	5474	-26	4	40	299	18	7044	-40	0	54	310	27	8954	-49	4		312	24
17	4021	-21	1	67	314	21	5348	-28	8	61	311	26	6915	-38	8	68	316	28	8849	-43	1		314	20
18	4071	-18	8	60	332	10	5406	-27	5	56	341	17	6981	-37	8	35	332	22	8909	-50	1		329	24
19	4089	-19	2	64	310	06	5419	-29	5	47	303	08	6977	-40	1		298	17	8894	-49	9		292	16
20	4041	-20	0	43	331	10	5371	-29	0	37	322	09	6933	-39	2	A22	326	10	8854	-47	6		320	07
21	4048	-19	0	35	345	08	5381	-28	1	29	350	12	6948	-38	5	A22	357	21	8877	-49	6		359	25
22	4056	-19	6	56	328	08	5385	-28	9	60	324	06	6943	-40	0	56	318	08	8855	-49	3		323	12
23	4042	-20	8	76	276	02	5366	-30	1	62	000	00	6920	-41	7		121	01	8828	-48	6		336	03
24	4062	-21	0	66	357	07	5384	-29	8	60	321	07	6942	-40	8		309	05	8841	-50	6		317	09
25	4108	-18	7	79	310	09	5440	-28	8	75	320	13	7000	-39	7	40	325	16	8902	-53	9		331	15
26	4070	-19	3	78	299	16	5405	-28	1	68	284	20	6968	-39	8	64	285	26	8884	-47	0		294	22
27	3997	-20	9	46	351	12	5325	-29	8	43	333	11	6878	-41	8		327	11	8826	-40	2		324	13
28	3966	-22	4	65	356	11	5281	-32	0	37	003	14	6819	-41	3		009	18	8785	-38	7		348	14
29	4023	-22	0	47	353	06	5336	-32	1	43	334	12	6877	-41	5		347	13	8809	-41	8		330	15
30	4054	-22	5	69	300	09	5367	-31	6	46	284	06	6910	-42	6		284	08	8837	-40	9		313	07
MN	4092	-18	4	52	•		5430	-27	4	49	• 293	06	7001	-38	2	47	• 301	09	8933	-47	9		• 294	10

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11504	-44	9		138	09	13442	-43	0		119	04	16180	-42	6		094	06	18581	-42	7		095	06
02	11578	-45	6		100	02	13515	-42	4		066	01	16260	-42	3		069	05	18577	-42	1		108	05
03	11616	-46	3		019	02	13535	-44	1		342	04	16266	-42	9		024	02	18670	-42	6		099	03
04	11582	-45	6		333	07	13507	-43	9		334	04	16234	-43	1		359	02	18639	-42	6		032	02
05	11622	-44	0		336	09	13552	-44	2		333	07	16285	-42	4		350	04	18695	-42	1		018	04
06	11620	-45	2		324	14	13542	-44	7		330	08	16269	-43	6		029	05	18666	-43	0		017	04
07	11702	-45	8		310	10	13622	-45	0		314	09	16337	-43	9		312	06	18739	-43	3		000	00
08	11744	-51	0		279	09	13654	-44	6		271	06	16371	-44	5		185	02						
09	11780	-46	5		252	12	13700	-44	1		255	06	16421	-44	0		275	05	18834	-41	8		238	03
10	11770	-41	9		207	10	13713	-43	1		239	07	16451	-41	5		244	05	18877	-40	6		247	04
11	11754	-43	3		248	10	13688	-43	8		264	08	16409	-44	2		276	06	18804	-43	0		276	01
12	11762	-44	0		229	13	13693	-43	8		238	04	16420	-43	3		218	03	18825	-42	6		000	00
13	11731	-45	6		231	12	13662	-44	1		242	05	16386	-44	2		157	03	18787	-43	5		000	00
14	11696	-41	8		232	05	13638	-43	4		268	04	16366	-42	6		256	03	18771	-43	1		277	01
15	11698	-41	6		278	10	13647	-41	8		260	09	16390	-42	3		287	05	18799	-42	1		313	04
16	11681	-41	2		302	14	13631	-42	1		301	10	16382	-41	3		311	04	18798	-42	0		337	02
17	11622	-39	5		313	13	13585	-41	0		321	11	16341	-41	8		332	04						
18	11631	-39	9		330	10	13596	-38	9		333	04	16369	-39	5		332	03	18809	-38	9		357	04
19	11611	-41	0		311	06	13568	-41	2		310	06	16316	-41	6		333	06	18735	-41	4		325	02
20	11591	-40	1		308	06	13548	-41	2		318	07	16296	-41	4		325	04	18718	-42	0		322	05
21	11602	-39	6		326	09	13565	-40	6		310	07	16330	-40	6		312	03	18768	-40	1		342	06
22	11586	-39	9		312	07	13548	-39	9		308	06	16308	-40	6		314	05	18743	-39	9		331	01
23	11566	-39	5		294	06	13530	-40	6		015	05	16290	-40	0		310	04	18729	-39	6		250	03
24	11566	-39	9		293	05	13530	-40	0		286	06	16297	-40	4		300	04	18730	-40	6		279	02
25	11616	-40	6		308	09	13576	-41	5		304	07	16353	-40	3		319	05	18771	-40	6		284	03
26	11622	-40	7		308	14	13580	-41	6		302	11	16337	-41	4		314	04	18767	-40	9		313	05
27	11616	-37	8		315	10	13594	-39	6		325	11	16376	-39	6		318	06	18818	-39	9		021	01
28	11579	-37	9		343	12	13554	-39	2		341	07	16331	-39	1		319	04	18779	-38	8		001	02
29	11584	-38	1		329	07	13554	-40	4		328	04	16318	-39	9		295	01	18759	-40	0		000	00
30	11628	-37	4		315	06	13601	-40	0		324	04	16373	-39	3		320	03	18810	-39	2			
MN	11642	-42	2		• 291	07	13589	-42	1		• 303	05	16335	-41	8		• 316	03	18753	-41	4		•	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	4060	-20	3	53	107	13	5389	-28	1	69	135	10	6961	-37	1	65	141	14	8889	-51	7		159	16
02	4078	-19	1	A17	107	05	5410	-28	7	38	143	07	6982	-37	5	62	152	06	8902	-52	1		142	08
03	4080	-19	8	A17	329	11	5412	-27	9	A19	331	09	6979	-38	5	58	292	13	8902	-51	8		305	11
04	4102	-19	5	52	349	08	5438	-26	5	34	358	10	7008	-39	4	40	002	09	8917	-53	9		012	12
05	4109	-20	0	31	339	12	5439	-28	6	29	346	14	7001	-39	6	31	356	17	8921	-50	3		354	19
06	4158	-18	7	46	333	10	5491	-28	1	63	338	15	7060	-37	6	63	326	16	8992	-50	8		321	23
07	4175	-16	3	30	255	05	5522	-24	2	67	269	06	7116	-34	1	68	290	18	9064	-50	5		295	24
08	4165	-13	1	84	212	12	5532	-20	8	76	210	12	7140	-33	4	38	262	13	9097	-48	8		241	22
09	4153	-10	6	72	199	13	5533	-19	7	62	194	13	7152	-31	8	50	214	15	9118	-47	3		210	26
10	4123	-14	7	63	280	14	5479	-24	2	42	284	15	7074	-35	6	53	279	17	9014	-48	6		287	16
11	4158	-14	5	33	280	07	5512	-25	0	38	283	13	7100	-33	2	A20	276	20	9058	-48	6		258	21
12	4147	-13	6	25	203	11	5510	-22	4	31	205	14	7109	-34	8	57	216	12	9059	-48	9		208	11
13	4149	-15	2	63	204	06	5509	-22	3	51	205	05	7111	-33	6	56	192	07	9061	-49	8		178	08
14	4111	-17	8	79	313	03	5449	-27	0	76	300	02	7022	-37	9	67	273	03	8954	-49	2		275	03
15	4104	-18	2	75	290	10	5446	-25	4	76	293	15	7028	-36	8	74	292	17	8966	-47	4		300	33
16	4015	-22	8	37	266	22	5331	-30	0	A20	266	27	6889	-39	9	A22	267	27	8833	-42	0		285	21
17	4046	-20	9	40	002	14	5365	-31	4	29	352	20	6917	-40	3		350	32	8840	-45	3		345	24
18	4080	-19	6	54	321	08	5412	-27	8	44	316	10	6984	-38	4	35	303	12	8905	-51	0		302	21
19	4070	-19	3	53	308	05	5402	-28	4	29	300	06	6963	-40	0	49	287	04	8880	-47	4		291	09
20	4026	-20	8	52	003	08	5349	-30	1	37	353	12	6898	-41	9		350	14	8812	-46	4		350	11
21	4043	-19	1	28	348	16	5376	-28	5	37	340	16	6940	-38	8	44	337	13	8854	-51	6		334	14
22	4035	-20	9	75			5357	-30	0	70			6909	-40	9				8819	-48	9			
23	4047	-21	6	57	338	05	5367	-30	2	32	345	08	6918	-41	7		353	09	8819	-50	5		330	05
24	4070	-20	9	74	326	06	5392	-30	4	73	333	10	6940	-41	9		336	11	8839	-50	3		336	12
25	4103	-17	3	78	311	18	5444	-27	2	71	298	19	7011	-39	8	63	311	20	8919	-51	9		314	23
26	4004	-20	7	36	300	17	5334	-27	7	A19	299	25	6903	-37	6	A22	295	32	8841	-43	7		303	24
27	3982	-22	0	79	322	18	5302	-31	1	74	332	17	6850	-42	0		332	27	8787	-41	5		323	24
28	3992	-21	9	39	347	09	5308	-30	9	38	348	12	6851	-42	7		340	12	8778	-42	2		353	17
29	4042	-22	2	32	306	06	5359	-31	3	30	319	08	6906	-41	7		309	08	8821	-43	9		315	10
30	4058	-22	3	64	358	02	5370	-32	0	48	008	06	6909	-43	7		014	08	8849	-40	0		360	11
MN	4083	-18	8	51	•		5418	-27	5	47	• 309	08	6988	-38	4	49	• 307	10	8917	-48	2		• 303	11

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11547	-44	8		121	04	13484	-43	2		091	04	16221	-43	6		084	06	18626	-42	4		134	05
02	11558	-45	8		059	01	13481	-44	1		062	03	16209	-42	8		067	04	18611	-43	3		124	04
03	11558	-45	8		333	04	13482	-43	6		027	04	16208	-43	8		340	04	18615	-42	6		046	02
04	11571	-45	0		340	07	13496	-44	3		352	06	16221	-43	3		344	04	18627	-42	4		013	03
05	11596	-44	8		328	09	13518	-45	3		335	08	16239	-43	2		357	04	18658	-43	7		048	07
06	11648	-45	4		324	12	13574	-43	6		329	07	16304	-43	0		336	03	18703	-42	9		020	03
07	11684	-47	4		297	07	13602	-44	6		297	05	16316	-44	8		336	04	18710	-44	1		097	04
08	11737	-44	6		248	08	13664	-43	8		252	06	16387	-42	8		228	01	18802	-42	6		281	01
09	11748	-47	6		240	08	13661	-45	3		216	08	16371	-45	3		263	04	18763	-43	8		280	02
10	11723	-42	1		248	10	13668	-42	5		246	07	16396	-44	9		249	05	18792	-43	5		178	01
11	11726	-44	6		264	11	13656	-44	2		258	05	16380	-44	1		282	03	18779	-42	6		076	02
12	11721	-45	8		228	09	13647	-44	0		235	04	16362	-44	2		209	01	18758	-43	7		000	00
13	11722	-44	0		211	06	13657	-43	1		231	02	16383	-42	7		240	02	18792	-42	7		139	01
14	11700	-39	0		260	05	13660	-42	8		279	05	16399	-41	6		275	03	18809	-42	1		260	02
15	11673	-40	9		296	09	13620	-41	6		280	07	16357	-43	0		293	04	18762	-42	8		320	04
16	11600	-40	4		302	12	13553	-42	5		327	08	16298	-41	8		327	06	18711	-41	9		095	07
17	11595	-39	9		337	14	13554	-41	2		332	09	16313	-41	1		007	07	18749	-40	2		021	04
18	11619	-40	4		328	08	13577	-41	3		344	06	16332	-41	2		013	04	18751	-41	0		033	03
19	11614	-40	5		299	06	13571	-40	9		320	07	16321	-41	2		337	03	18744	-41	5		012	03
20	11560	-39	4		330	07	13523	-40	1		314	06	16278	-40	6		353	03	18704	-41	6		005	04
21	11570	-40	7		321	10	13524	-41	6		328	08	16278	-41	0		326	04	18703	-41	8		359	04
22	11559	-40	0				13516	-40	8				16276	-39	9				18713	-40	4			
23	11548	-39	8		305	04	13511	-41	1		312	05	16266	-40	5		292	04	18702	-40	0		318	01
24	11562	-40	6		310	06	13522	-41	4		303	04	16280	-40	3		336	04	18714	-40	9		311	02
25	11631	-41	1		309	11	13592	-40	9		307	08	16348	-41	1		309	08	18779	-40	7		326	02
26	11612	-38	7		313	11	13583	-40	2		309	08	16352	-38	9		320	05	18789	-40	8		337	04
27	11564	-39	5		342	06	13533	-39	5		350	04	16299	-41	1		360	04	18739	-40	2		002	03
28	11547	-39	8		354	09	13509	-40	8		347	06	16269	-40	6		010	03	18704	-39	6		074	01
29	11601	-37	8		321	05	13571	-39	9		339	03	16333	-40	4		319	01	18774	-39	3		139	02
30	11638	-37	9		350	08	13613	-40	3		315	05	16374	-40	1		327	04	18814	-39	5		089	01
MN	11624	-42	1		• 304	06	13571	-42	9		• 309	04	16312	-42	1		• 327	03	18729	-41	8		•	

A — *Statistical Value for Relative Humidity*

• — *Vector Mean Wind*

– — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

ISACHSEN, N.W.T.
JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74074	78°47'N	103°32'W	30 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20852	-42	2	110	06	24312	-41	7	100	08										
02	20960	-39	9	139	04	24448	-38	4	103	03										
03	20948	-42	0	092	03	24416	-40	8	126	04	27183	-39	5	080	02					
04	20914	-42	1	107	03	24380	-40	8	066	02	27149	-39	3	065	05					
05	20978	-42	1	063	01	24458	-40	1	110	03	27239	-37	7							
06	20930	-42	1	055	03	24393	-41	0	065	02	27166	-36	8							
07	21002	-42	8	319	04	24468	-40	8	132	03	27236	-39	6	114	07					
08																				
09	21114			243	03															
10	21175	-39	7	309	03	24683	-37	4	246	06	27496	-35	0	203	08					
11	21068	-43	0	265	04	24535	-41	8	072	03	27290	-40	1	146	03					
12	21102	-41	8	235	02	24573	-40	2	078	04	27349	-38	8	073	04					
13	21061	-41	4	340	01	24539	-40	4	102	02	27312	-38	4	150	05					
14	21044	-42	0	301	02	24519	-41	1	119	02	27283	-39	9	201	04					
15	21078	-41	7	020	02	24547	-41	2	051	02	27318	-38	2							
16	21081	-41	0	358	05	24559	-40	9	015	04	27342	-37	1	064	06					
17																				
18	21123	-37	8	025	06	24660	-36	3	042	03	27493	-33	7	068	06					
19	21019	-41	4	027	05	24501	-39	9	041	04	27287	-37	5							
20	21003	-41	8	360	05	24470	-40	1	033	04	27261	-36	5	066	05					
21	21073	-38	3	036	04	24596														
22	21041	-40	4	066	03	24535	-38	8	093	03	27345	-35	2	061	06					
23	21029	-40	2	184	01	24515	-38	2	059	02	27322	-35	3	118	04					
24	21024	-40	3	155	03	24525	-37	8	144	02	27335	-35	5							
25	21065	-40	5	310	02	24558	-38	7	000	00	27369	-34	6	037	04					
26	21054	-40	9	209	02	24540	-39	5	098	04	27341	-36	1	121	04					
27	21116	-39	9	043	02	24616	-38	8	104	06	27414	-36	2	076	03					
28	21089	-38	8	039	03	24596	-37	8	086	04	27411	-34	9	094	05					
29	21064	-40	4	122	03	24566	-37	8	129	02										
30	21113	-39	0			24613														
MN	21040	-40	9	*	35	01	24523	-39	6	*	83	02	27316	-37	1	*				

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA			FREEZING LEVELS Lowest				FREEZING LEVELS Highest				TROPOPAUSE (1)						TROPOPAUSE (2)						MAX. WIND LEVEL				
	$h_0 c_1 h c_2 c_3$	ww	cppp	Code	Alt. gpkm.	Pres mb.		Alt. gpkm.	Pres mb.			Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	20846	02	6 09	0								1	09 20	284	-53	8	314	0						9	09 15	287	157	23
02	16401	02	1 02	0								1	09 63	269	-53	3	320	0						9	08 97	298	155	15
03	75500	10	2 05	0								1	09 48	276	-53	2	318	0						1	30 60	012	088	09
04	863--	10	2 07	0								2	08 78	307	-53	1	308	0						9	09 50	275	329	10
05	864--	56	6 01	0								1	09 71	266	-54	6	319	0						9	08 57	318	319	13
06	864--	10	0 02	0								1	09 49	276	-55	7	317	0						9	09 32	283	320	28
07	863--	10	3 03	3	0 66	944		0 98	905			1	09 81	267	-54	5	319	0						9	08 11	345	312	25
08	872--	02	8 01	0								1	10 47	244	-57	3	323	0						8	10 19	259	263	25
09	872--	66	1 01	3	1 15	879		2 23	770			1	10 32	250	-53	6	326	0						9	10 20	255	255	24
10	9-0--	50	1 03	1	0 17	993		0 17	993			1	08 30	334	-43	0	315	0						9	07 53	373	192	34
11	61400	01	2 04	1	0 11	007		0 11	007			2	08 78	312	-47	8	314	0						9	08 51	325	247	29
12	36204	10	7 04	1	0 25	988		0 25	988			1	10 12	255	-51	6	327	0						9	09 45	282	228	25
13	852--	02	7 03	2	0 18	992		1 24	868			2	09 63	274	-52	7	319	0						9	08 74	314	222	21
14	862--	10	3 01	2	0 12	000		0 96	900			1	09 26	288	-51	2	317	0						9	01 45	847	232	09
15	66400	01	2 07	1	0 11	004		0 11	004			1	08 78	308	-50	2	312	0						9	08 81	306	313	17
16	76300	01	0 01	1	0 08	011		0 08	011			1	08 62	314	-51	2	308	0						9	08 62	314	317	35
17	75400	85	1 06	1	0 04	009		0 04	009			1	08 22	330	-47	2	310	0						8	07 80	351	317	33
18	37400	10	1 06	1	0 04	011		0 04	011			1	08 99	298	-50	3	315	0						9	07 80	354	331	28
19	15400	01	4 00	1	0 23	988		0 23	988			2	08 58	516	-49	5	312	0						9	06 86	407	298	19
20	34500	01	7 05	0								1	08 40	520	-49	9	309	0						9	22 88	038	020	11
21	854--	02	1 04	0								1	09 03	294	-50	0	317	0						9	08 70	308	358	27
22	65600	02	8 03	1	0 06	008		0 06	008			1	08 73	306	-50	1	313	0						9	08 83	302	323	12
23	6612-	85	1 01	1	0 23	982		0 23	982			1	08 52	314	-50	4	311	0						9	11 76	194	298	06
24	35400	01	4 00	1	0 44	960		0 44	960			1	08 36	323	-52	0	306	0						9	08 30	326	326	12
25	25431	02	1 05	1	0 23	988		0 23	988			1	08 89	301	-54	1	309	0						9	06 45	454	325	17
26	873--	83	8 12	2	0 24	981		0 57	943			1	08 22	332	-49	1	307	0						9	06 36	436	287	33
27	872--	10	1 03	1	0 08	998		0 08	998			1	07 04	391	-43	0	302	0						9	09 50	271	329	16
28	872--	71	3 03	1	0 11	992		0 11	992			1	06 31	430	-41	5	295	0						9	06 58	414	001	19
29	854--	85	1 10	1	0 10	001		0 10	001			2	07 64	357	-45	7	305	0						9	08 00	339	331	19
30	25401	02	4 00	1	0 05	011		0 05	011			1	07 69	357	-47	5	303	0						8	07 90	346	300	11
MEAN													08 83	306	-50	5	313											

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20900																			
02	20880	-42	8	101	04															
03	20885	-42	1	041	03	24347	-40	9												
04	20901	-41	8	098	04	24362	-42	0	088	03										
05	20913	-42	4	076	04	24381														
06	20974	-42	3	010	02	24439	-40	2	091	05										
07	20974	-41	7	102	03	24444	-41	6	101	05										
08	21075	-42	2	142	02	24561	-39	1	083	02										
09	21018	-44	0	341	04	24464	-41	8	103	05										
10	21060	-41	2	327	02	24917	-42	4	064	05	27271	-40	4	111	06					
11	21058	-42	3	098	03	24522	-40	9	112	02										
12	21032	-42	8	000	00	24494	-41	4	090	05										
13	21066	-41	4																	
14	21090	-40	9	063	03	24570	-40	1	066	04	27345	-38	1							
15	21044	-40	4	011	02	24518	-41	4	035	04	27286	-38	5	038	06					
16	20995	-40	9	009	04	24470	-41	0	068	05	27240	-38	9							
17	21042	-39	7	035	04	24552	-37	8	043	06										
18	21035	-41	7	036	05	24523	-38	9	052	06										
19	21034	-40	4	032	04	24522														
20	20991	-41	4	043	06	24472	-39	2	052	07										
21	20995	-41	7	012	01	24470	-38	9	053	06	27262	-37	2	071	05					
22	21012	-39	3			24510														
23	20997	-40	0	000	00	24490	-38	9	345	04	27288	-37	5	336	03					
24	21007	-40	5	000	00	24503	-38	0	130	08	27311	-35	5	052	02					
25	21077	-40	4	049	04	24563	-39	0	022	04										
26	21086	-39	6	020	05															
27	21034	-40	0	359	02															
28	21008	-40	3	087	03	24501	-39	6	121	06										
29	21074	-39	3	103	05															
30	21119	-38	7	339	02	24619														
MN	21013	-41	1	*	44	02	24492	-40	2	*			27286	-38	0	*				

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA			FREEZING LEVELS Lowest				FREEZING LEVELS Highest				TROPOPAUSE (1)						TROPOPAUSE (2)						MAX. WIND LEVEL				
	$h_0 c_1 h c_2 c_3$	ww	cppp	Code	Alt. gpkm.	Pres mb.		Alt. gpkm.	Pres mb.			Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	35401	02	7 08	0								1	09 28	282	-54	8	314	0						8	08 65	311	160	16
02	36135	71	2 03	0								2	09 09	291	-53	2	313	0						9	08 80	305	141	08
03	864--	02	2 08	0								1	09 29	283	-52	7	317	0						9	07 50	370	291	13
04	863--	02	2 05	0								1	09 26	285	-56	4	310	0						9	09 20	287	008	14
05	863--	22	0 02	0								1	09 09	293	-50	7	317	0						9	08 30	330	356	23
06	861--	44	1 02	0								1	09 69	267	-54	5	318	0						9	09 18	291	317	24
07	862--	10	7 03	3	0 80	927		1 20	881			1	10 16	253	-56	9	320	0						9	09 78	268	286	26
08	854--	02	7 10	0								1	10 00	260	-56	4	318	0						9	01 35	857	188	24
09	862--	71	7 08	1	0 05	009		0 05	009			1	10 33	248	-56	5	322	0						9	09 70	279	209	31
10	76100	02	2 15	0								1	09 10	296	-48	8	318	0						9	06 19	455	278	19
11	16200	01	4 00	0								1	09 83	266	-52	8	322	0						9	07 52	376	269	25
12	76200	02	7 08	2	0 13	000		1 10	887			1	10 19	252	-52	9	327	0						9	06 20	454	225	17
13	861--	42	4 00	2	0 06	009		1 79	812			2	09 73	270	-53	6	319	0						8	01 82	809	212	10
14	862--	71	2 02	1	0 03	012		0 03	012			1	08 99	299	-49	2	316	0						9	12 00	192	271	06
15	862--	02	1 04	0								1	09 50	276	-48	9	324	0						9	08 92	302	300	33
16	871--	71	7 26	0								2	07 40	371	-42	4	307	0						9	07 30	376	270	32
17	854--	02	1 10	0								1	08 06	338	-46	9	308	0						9	07 30	379	348	34
18	36201	02	4 00	0								1	08 99	296	-51	4	314	0						9	08 40	324	302	25
19	15400	02	7 06	1	0 12	000		0 12	000			1	08 11	337	-48	0	307	0						9	08 50	328	295	09
20	76400	02	8 02	0								1	08 09	335	-48	2	308	0						9	07 00	395	354	16
21	75400	02	4 00	0								1	08 91	297	-51	9	313	0						9	04 20	588	347	17
22	862--	51	7 07	0								1	08 43	318	-50	8	308	0						0				
23	4541-	02	1 02	1	0 24	982		0 24	982			1	08 52	314	-51	0	309	0						9	06 48	427	348	09
24	15501	02	2 07	1	0 20	990		0 20	990			1	08 27	328	-51	2	306	0						9	07 50	368	343	17
25	75400	02	8 03	1	0 54	949		0 54	949			1	08 70	310	-52	3	308	0						9	07 50	372	313	25
26	862--	71	7 04	1	0 03	005		0 03	005			2	08 13	334	-46	2	311	0						9	08 03	339	299	42
27	4712-	70	7 08	0								1	07 71	352	-44	4	309	0						9	07 18	382	332	27
28	56100	02	1 06	0								1	07 41	368	-46	8	302	0						9	08 20	327	350	21
29	854--	02	7 04	0								2	07 67	356	-47	5	303	0						9	07 93	343	304	19
30	75430	02	2 10	0								1	07 19	385	-44	5	301	0						9	08 90	341	008	12
MEAN													08 84	305	-50	7	313											

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.

JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1015	-34	4	41	000	00	0127	-28	8	41	177	01	0500	-26	0	65	133	02	0889	-25	5	74	071	02
02	1020	-37	4		000	00	0158	-34	0		-		0520	-27	7	72	-		0916	-25	1	79	-	
03	1024	-38	7		000	00	0185	-31	4		359	01	0560	-29	9	63	047	04	0958	-28	0	66	096	06
04	1024	-33	2	81	340	02	0187	-30	0	66	360	03	0550	-29	9	72	022	07	0939	-28	4	75	045	08
05	1023	-38	4		000	00	0182	-31	8	43	280	05	0550	-28	3	58	304	05	0936	-27	0	66	914	07
06	1024	-35	3	92	160	04	0186	-33	9	61	183	06	0560	-28	0	67	198	06	0941	-26	8	68	197	05
07	1021	-37	7		000	00	0166	-32	9		182	03	0540	-27	7	50	176	05	0923	-26	8	56	185	06
08	1025	-38	4		000	00	0195	-27	4	47	315	01	0560	-27	0	63	036	02	0955	-26	3	66	189	01
09	1032	-38	3		000	00	0241	-31	3	A20	355	02	0610	-29	7	46	249	03	0992	-29	2	58	328	05
10	1031	-40	3		000	00	0233	-36	3	35	276	03	0590	-32	8	54	287	05	0974	-32	3	61	904	09
11	1026	-41	7		150	02	0195	-36	6		-		0570	-31	2	62	-		0940	-29	1	67	-	
12	1020	-33	1	54	000	00	0157	-32	6	58	169	03	0520	-31	1	69	164	08	0904	-28	3	73	156	08
13	1028	-36	7	45	330	02	0212	-31	8	49	343	08	0580	-28	9	60	343	09	0965	-27	4	67	355	07
14	1029	-38	8		350	11	0219	-34	9	90	350	12	0590	-30	7	55	350	22	0968	-29	6	55	352	34
15	1018	-36	9	44	330	18	0145	-36	9	69	338	20	0520	-27	7	67	353	21	0899	-28	3	67	355	25
16	1016	-37	7		310	16	0132	-35	7		316	17	0490	-31	1	60	330	22	0879	-30	6	58	340	24
17	1025	-35	4	48	310	13	0191	-34	0	97	327	16	0570	-28	1	63	349	16	0945	-28	9	65	348	21
18	1032	-33	7	62	340	10	0247	-28	6	48	309	12	0620	-27	5	54	324	13	1006	-26	4	58	340	14
19	1023	-34	2	51	030	07	0182	-33	7	96	043	07	0550	-30	3	63	032	06	0930	-29	5	64	029	09
20	1031	-42	3		000	00	0227	-38	2		357	02	0590	-32	7	50	030	06	0969	-31	2	58	015	04
21	1041	-38	8		330	04	0297	-34	8	55	057	10	0670	-32	9	59	076	10	1038	-33	0	58	084	11
22	1052	-41	3		335	05	0376	-28	6	60	344	09	0760	-26	1	60	011	11	1137	-26	8	52	360	11
23	1040	-30	0	68	290	13	0303	-25	9	70	291	13	0680	-26	6	71	302	15	1067	-23	2	76	302	18
24	1023	-28	7	69	320	13	0183	-28	4	71	320	12	0550	-27	9	76	323	11	0940	-27	6	80	323	14
25	1028	-33	0	55	330	07	0217	-28	4	57	354	13	0600	-18	4	64	003	19	1000	-15	6	28	002	21
26	1018	-27	9	76	325	03	0151	-26	8	69	320	04	0520	-19	3	67	322	07	0932	-18	2	56	320	09
27	1009	-26	6	67	325	08	0086	-25	9	66	331	10	0470	-24	6	68	002	12	0854	-22	4	74	347	11
28	1027	-24	1	71	205	07	0212	-25	0	70	236	11	0590	-20	9	60	266	16	0988	-20	7	48	273	17
29	1011	-30	8	59	025	07	0097	-31	7	61	358	09	0480	-32	4	70	318	15	0844	-28	2	69	322	18
30	1015	-37	2		300	04	0119	-37	0		306	06	0470	-32	3	60	318	12	0862	-31	7	74	330	15
31	1010	-39	7		335	11	0101	-38	5		345	12	0460	-31	8	69	016	14	0843	-32	6	73	032	15
MN	1025	-35	5	61	*		191	-32	0	56	*		561	A28	3	62	*		946	-27	2	64	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1303	-26	2	77	038	02	1742	-27	0	79	119	02	2210	-27	9	82	159	01	2700	-29	5	88	000	00
02	1330	-25	4	76	-		1771	-25	6	70	-		2240	-27	9	65	-		2730	-30	2	60	-	
03	1349	-28	4	67	108	07	1783	-29	4	68	107	08	2250	-29	1	59	110	10	2736	-30	4	41	113	10
04	1350	-26	9	77	098	12	1788	-27	4	76	057	15	2250	-30	0	76	060	17	2736	-32	8	75	059	19
05	1348	-27	3	71	307	09	1785	-27	9	75	313	12	2250	-30	7	75	310	13	2732	-33	7	75	308	12
06	1353	-26	8	67	198	10	1791	-28	0	66	187	09	2250	-30	9	65	191	08	2738	-34	1	63	195	08
07	1336	-27	0	56	177	07	1773	-28	2	50	172	09	2240	-30	9	46	172	10	2720	-33	7	43	177	10
08	1368	-27	0	72	210	05	1805	-29	0	68	205	07	2260	-31	4	63	200	09	2750	-34	1	57	200	10
09	1400	-29	4	62	311	05	1833	-30	4	55	293	05	2300	-32	1	49	283	06	2774	-34	1	42	267	06
10	1377	-31	8	67	296	07	1807	-31	8	65	299	06	2270	-32	9	53	311	05	2746	-34	5	39	318	05
11	1349	-29	1	70	219	05	1782	-30	1	71	213	06	2240	-29	2	69	248	05	2752	-31	2	44	262	07
12	1315	-28	6	75	139	04	1749	-30	5	75	135	05	2200	-32	1	74	230	01	2691	-34	7	74	147	01
13	1375	-29	2	70	347	07	1808	-30	8	73	352	09	2260	-32	2	73	006	08	2748	-35	3	70	360	08
14	1377	-28	4	55	354	21	1812	-29	0	43	351	16	2280	-30	0	A20	348	14	2762	-31	8	A20	346	10
15	1308	-28	5	60	354	29	1744	-28	5	52	355	27	2200	-29	9	42	352	24	2694	-32	1	35	348	23
16	1286	-30	1	55	336	24	1717	-31	3	44	336	20	2180	-32	9	A20	338	20	2656	-35	3	A21	340	18
17	1353	-29	5	61	346	25	1786	-30	0	55	345	21	2240	-32	2	48	343	16	2728	-34	7	41	337	18
18	1419	-26	5	43	331	15	1857	-27	7	42	330	14	2320	-29	5	50	325	14	2812	-31	3	58	321	16
19	1338	-29	6	64	021	11	1771	-30	0	64	014	11	2240	-32	1	63	014	10	2713	-34	2	61	009	10
20	1375	-31	0	58	022	04	1805	-32	3	50	014	04	2270	-33	6	41	360	05	2742	-35	4	40	359	05
21	1439	-34	5	57	078	12	1863	-34	4	58	062	11	2320	-34	6	57	068	11	2795	-35	4	55	062	11
22	1549	-27	8	43	355	11	1986	-27	1	34	352	13	2450	-28	2	A19	350	12	2943	-30	6	A20	357	11
23	1487	-21	5	76	304	14	1935	-22	4	77	320	10	2400	-24	9	79	326	12	2907	-25	0	80	324	13
24	1350	-28	4	81	319	17	1785	-29	7	82	315	16	2250	-31	9	83	311	15	2728	-34	3	84	308	16
25	1430	-16	7	33	003	17	1886	-18	0	A17	360	19	2350	-19	8	31	355	22	2876	-22	7	38	352	21
26	1359	-18	4	40	318	15	1811	-20	0	65	316	14	2280	-21	9	77	309	13	2794	-24	1	78	314	13
27	1275	-21	7	79	349	10	1723	-21	7	82	352	11	2200	-22	6	81	355	15	2700	-25	8	74	352	12
28	1411	-20	4	36	280	21	1862	-19	7	40	286	24	2340	-21	7	60	292	20	2846	-21	9	83	302	20
29	1258	-24	1	55	317	18	1702	-22	9	36	313	19	2190	-24	4	31	313	25	2672	-27	8	39	309	25
30	1266	-31	5	78	335	16	1697	-31	2	79	334	15	2170	-32	8	79	328	15	2637	-34	7	79	326	16
31	1245	-34	4	75	043	17	1669	-34	4	75	043	21	2120	-35	0	75	047	23	2600	-36	3	74	051	22
MN	1357	-27	3	63	* 344	08	1794	-27	9	61	*		2259	-29	5	58	*		2746	-31	7	56	339	08

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1018	-34	3	72	000	00	0146	-30	3	70	000	00	0525	-25	1	74	039	04	0910	-24	7	79	051	04
02	1022	-38	4		000	00	0175	-31	1	48	000	00	0540	-28	9	63	000	00	0930				000	00
03	1024	-35	2	29	030	03	0185	-35	4	59	060	03	0550	-31	6	73	116	04	0930	-29	4	77	094	08
04	1022	-37	7		330	04	0173	-36	0	56	345	05	0530	-29	0	66	003	06	0925	-28	2	69	352	09
05	1024	-36	2	35	000	00	0184	-31	6	61	000	00	0555	-28	1	69	207	09	0938	-27	4	67	213	09
06	1022	-36	2	59	000	00	0173	-33	8	59	196	02	0540	-28	1	60	194	05	0924	-27	8	58	185	07
07	1022	-38	0		000	00	0171	-28	9	52	000	00	0540	-27	9	57	194	03	0930	-26	4	60	183	05
08	1029	-36	1	59	000	00	0219	-29	5	59	000	00	0590	-27	9	64	351	04	0976	-27	5	62	319	04
09	1033	-37	5		000	00	0243	-34	3		000	00	0615	-30	9	69	308	06	0990	-29	5	76	303	06
10	1031	-41	4		000	00	0228	-37	5	38	000	00	0590	-33	3	55	293	03	0968	-31	7	67	277	06
11	1019	-32	1	40	180	08	0154	-33	1	56	184	09	0525	-29	3	79	196	12	0904	-26	6	85	216	11
12	1025	-36	9	45	000	00	0195	-30	6	55	000	00	0570	-28	6	68	098	03	0947	-29	2	72	102	02
13	1031	-40	8		340	13	0232	-33	0	71	347	14	0590	-31	4	75	355	22	0979	-29	7	79	356	22
14	1020	-37	1	44	310	21	0159	-37	6	42	323	23	0530	-27	3	49	353	28	0910	-28	0	55	014	26
15	1015	-35	5		310	21	0121	-36	7		312	21	0480	-31	2	68	336	23	0863	-29	8	67	347	22
16	1016	-36	8	58	310	17	0128	-37	1	64	316	17	0495	-28	1	70	340	21	0873	-29	2	74	356	19
17	1031	-36	7	58	310	16	0232	-31	6	62	313	18	0610	-28	0	68	325	21	0987	-28	2	70	336	20
18	1021	-30	0	68	130	04	0169	-30	9	57	143	04	0530	-26	9	61	186	03	0926	-27	4	67	220	01
19	1029	-38	4		000	00	0220	-36	4	42	075	03	0580	-31	0	51	046	04	0964	-29	1	58	010	06
20	1032	-42	5		000	00	0233	-37	3	40	000	00	0595	-35	3	54	050	02	0967	-34	3	63	034	02
21	1049	-41	6		340	08	0351	-29	8	73	012	10	0720	-28	2	74	031	14	1107	-27	8	68	033	13
22	1050	-36	3	47	350	05	0365	-27	2	62	325	07	0720	-25	5	67	305	09	1127	-26	0	66	306	10
23	1030	-26	3	34	280	15	0240	-19	3	80	286	18	0630	-20	3	81	300	16	1020	-21	5	80	295	17
24	1020	-36	9	58	330	02	0158	-36	7	36	338	06	0540	-28	2	55	002	16	0913	-23	5	59	010	19
25	1027	-29	9	68	000	00	0209	-22	4	81	000	00	0600	-17	2	56	910	11	0997	-15	7	47	315	11
26	1007	-27	2	45	000	00	0069	-25	9	47	000	00	0455	-18	3	58	294	06	0850	-19	2	61	269	08
27	1027	-32	6	55	330	12	0210	-26	5	55	347	13	0580	-25	9	59	358	16	0975	-24	6	52	350	19
28	1001	-19	1	67	250	14	0030	-19	2	67	255	14	0415	-21	2	72	280	16	0808	-23	3	77	289	13
29	1018	-36	2	59	280	06	0141	-36	3	58	290	07	0495	-32	3	63	317	11	0886	-27	5	68	329	14
30	1009	-40	4		340	07	0078	-41	0		339	08	0435	-36	9	52	330	11	0805	-34	2	57	346	12
31	1015	-33	6	43	330	09	0124	-33	1	53	335	10	0490	-29	6	68	353	11	0875	-26	9	68	347	15
MN	1024	-35	4	53	*		184	-31	9	57	*		554	-28	1	64	*		939	-27	1	67	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1326	-24	8	83	091	05	1768	-25	7	86	133	04	2240	-27	5	87	125	05	2728	-29	8	84	132	05
02	1343				105	06	1783	-26	5	57	101	06	2240	-28	8	62	098	06	2739	-31	2	67	100	06
03	1339	-29	2	79	086	09	1772	-30	6	80	078	10	2245	-31	9	81	072	13	2718	-32	3	80	070	13
04	1336	-27	5	73	347	11	1773	-28	8	70	346	12	2230	-30	5	67	351	12	2722	-32	7	64	347	15
05	1350	-26	9	66	210	09	1788	-27	8	66	215	09	2250	-30	1	60	227	10	2738	-33	2	54	240	10
06	1335	-27	7	56	-		1772	-29	2	52	-		2230	-32	0	47	-		2715	-34	7	42	-	
07	1342	-26	8	58	185	06	1780	-28	5	54	182	09	2250	-31	2	51	181	05	2726	-34	0	47	-	
08	1387	-27	6	55	286	04	1823	-29	5	50	261	06	2290	-31	9	46	251	08	2765	-34	4	42	244	10
09	1398	-30	3	73	302	07	1829	-31	5	71	297	06	2285	-32	3	68	289	05	2770	-33	8	65	276	05
10	1373	-31	0	67	291	06	1804	-31	1	60	289	05	2270	-32	8	52	294	06	2744	-34	7	44	287	06
11	1315	-28	4	86	230	08	1748	-30	2	86	231	09	2210	-30	9	84	209	07	2694	-34	0	83	211	03
12	1355	-30	1	74	082	03	1786	-31	8	74	061	02	2250	-33	4	75	035	02	2723	-35	2	75	030	03
13	1388	-29	5	79	002	16	1821	-30	6	76	004	16	2290	-31	7	74	356	17	2765	-33	3	64	349	16
14	1319	-29	4	57	011	23	1752	-29	0	54	360	22	2220	-28	7	51	359	20	2709	-28	3	40	352	19
15	1270	-29	9	63	346	24	1702	-31	0	55	343	24	2170	-32	4	48	341	28	2643	-34	6	42	340	24
16	1280	-29	7	77	353	24	1714	-28	6	76	349	23	2190	-31	5	75	355	21	2658	-34	7	74	359	21
17	1397	-28	7	69	347	23	1831	-29	6	66	347	24	2295	-30	3	63	342	25	2780	-32	4	52	342	21
18	1336	-29	5	69	235	02	1768	-30	7	71	248	03	2235	-31	0	72	282	03	2715	-31	3	74	294	06
19	1372	-29	6	49	013	04	1805	-30	3	37	352	05	2270	-31	0	A20	353	06	2752	-31	7	A20	354	07
20	1368	-33	5	71	349	01	1793	-35	5	74	317	02	2250	-36	9	72	320	04	2716	-38	0	66	343	05
21	1519	-26	3	55	032	13	1957	-28	4	46	041	10	2425	-30	7	A20	048	07	2905	-33	3	A21	051	08
22	1540	-26	5	65	315	09	1980	-25	2	70	326	11	2450	-25	7	73	335	12	2948	-27	9	76	327	12
23	1441	-22	2	75	295	23	1889	-20	7	68	295	28	2355	-20	7	62	297	26	2875	-23	7	62	298	14
24	1394	-20	8	45	015	18	1784	-20	1	46	020	26	2270	-20	7	33	023	32	2771	-22	2	A18	027	32
25	1428	-16	9	39	316	12	1881	-19	7	41	312	13	2360	-22	6	43	317	14	2861	-25	3	53	314	18
26	1273	-20	2	63	277	07	1723	-20	2	70	290	08	2210	-21	9	73	309	07	2705	-24	5	78	309	09
27	1394	-22	8	37	359	20	1838	-24	3	36	360	15	2320	-25	8	35	355	21	2806	-27	4	54	359	28
28	1226	-20	1	83	285	17	1684	-15	2	87	286	17	2180	-13	8	88	293	21	2694	-16	8	84	295	22
29	1298	-27	0	65	330	17	1736	-27	9	55	323	20	2200	-28	9	47	322	21	2689	-31	5	49	319	23
30	1206	-33	5	64	338	12	1631	-35	1	60	337	12	2080	-36	9	56	330	15	2555	-38	3	50	329	20
31	1289	-24	4	72	356	17	1729	-27	3	74	023	17	2195	-29	2	76	023	17	2685	-29	2	78	022	14
MN	1351	-27	0	66	* 343	08	1789	-27	8	63	*		2257	-29	2	60	*		2742	-31	1	58	342	10

A — Statistical Value for Relative Humidity

** — Vector Mean Wind*

– — Entered under Wind Direction indicates a Stratum of Missing Wind Data

MOULD BAY, N.W.T.
JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3785	-35	73	000	00	5033	-43	8	187	02	6499	-54	7	227	08	8292	-64	8	206	04
02	3814	-36	48	-		5054	-45	7	-		6508	-55	5	119	11	8298	-63	7	098	12
03	3816	-37	42	101	08	5050	-46	2	113	08	6510	-54	2	108	07	8298	-65	4	133	05
04	3808	-40	77	064	20	5032	-47	6	060	19	6479	-56	2	060	18	8270	-62	3	029	09
05	3797	-40	8	301	10	5015	-48	6	299	11	6455	-57	0	307	08	8237	-64	9	305	09
06	3800	-41	3	200	07	5015	-49	6	295	05	6447	-58	5	263	08	8224	-64	9	275	09
07	3786	-40	2	185	08	5013	-46	7	240	06	6463	-56	8	253	09	8236	-66	9	257	09
08	3815	-39	9	200	10	5044	-46	1	227	06	6492	-57	6	220	06	8260	-66	1	252	07
09	3844	-38	8 A22	238	08	5074	-46	0	209	07	6520	-57	7	212	08	8297	-65	7	212	08
10	3813	-39	2 A22	319	06	5046	-45	1	310	04	6505	-55	3	325	06	8298	-63	0	289	07
11	3812	-36	7 45	278	07	5054	-44	6	286	13	6512	-55	6	288	18	8291	-66	9	283	12
12	3754	-40	6	249	02	4978	-47	6	197	10	6425	-56	1	184	11	8223	-60	6	196	08
13	3813	-39	3 58	262	01	5040	-47	7	173	06	6490	-55	1	175	11	8314	-57	9	202	04
14	3855	-32	4 A20	310	03	5128	-38	4 A22	184	07	6632	-49	0	158	15	8460	-61	3	141	11
15	3774	-35	2 A21	340	27	5030	-41	4	323	21	6510	-52	5	316	20	8344	-59	0	261	02
16	3717	-40	6	332	21	4943	-45	4	328	16	6412	-54	2	331	06	8297	-61	1	331	12
17	3794	-38	8 32	341	22	5026	-45	7	346	20	6506	-50	0	340	18	8335	-60	0	342	20
18	3913	-29	8 72	317	26	5196	-36	4 68	323	36	6714	-45	9	319	46	8588	-55	0	325	79
19	3784	-36	4 52	005	12	5028	-43	0	357	17	6527	-46	4	333	38	8407	-53	4	326	55
20	3802	-41	0	012	05	5025	-47	3	020	08	6481	-52	6	337	11	8327	-55	8	318	21
21	3855	-41	3	064	10	5074	-48	7	077	09	6512	-54	9	053	15	8339	-57	1	030	25
22	4026	-36	0 A21	010	17	5275	-43	4	023	21	6748	-51	5	024	37	8568	-63	1	026	32
23	4014	-31	9 75	333	12	5275	-42	0	352	13	6745	-54	0	348	05	8554	-62	4	352	08
24	3801	-38	2 84	322	17	5037	-43	3	316	21	6522	-48	1	334	19	8390	-53	2	344	22
25	3989	-30	7 45	341	23	5260	-39	4 56	327	19	6751	-50	4	330	22	8581	-60	8	337	32
26	3901	-31	4 84	315	18	5180	-37	3 50	326	21	6681	-50	1	332	28	8509	-62	7	332	40
27	3800	-33	4 57	343	13	5053	-44	1	316	12	6517	-52	4	349	22	8349	-58	4	355	23
28	3975	-24	8 89	322	24	5286	-32	2 81	327	35	6833	-41	6	335	39	8736	-53	2	334	61
29	3762	-34	8 A21	310	31	5012	-40	4	313	36	6513	-47	5	314	49	8381	-54	2	312	51
30	3704	-38	5 80	325	20	4943	-44	0	325	20	6420	-48	6	324	33	8297	-52	9	324	30
31	3660	-41	5	054	24	4883	-46	1	061	23	6350	-51	4	058	24	8213	-51	7	043	21
MN	3825	-36	9 52	*		5068	-44	0 55	*337	09	6538	-52	6	*335	11	8360	-60	3	*332	16

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10775	-63	7	061	03	12532	-66	4	051	03	14958	-70	7	018	03	17048	-76	1	062	04
02	10793	-62	7	076	04	12562	-64	8	054	04	15005	-70	3	337	04	17100	-74	8	011	03
03	10786	-61	8	020	05	12560	-64	7	063	02	15005	-70	2	009	06	17098	-75	4	005	05
04	10788	-60	1	341	04	12574	-63	3	326	08	15030	-69	5	313	04	17129	-74	9	300	08
05	10738	-61	1	278	10	12517	-63	3	262	10	14969	-69	9	266	13	17084	-74	8	265	14
06	10710	-63	2	260	10	12471	-65	9	254	09	14900	-71	3	261	13	16982	-76	0	270	13
07	10716	-62	3	275	10	12487	-64	6	283	12	14927	-71	0	288	13	17015	-75	0		
08	10728	-65	4	265	05	12467	-68	1	270	06	14880	-71	8	270	10	16965	-75	4	280	12
09	10761	-65	8	208	03	12503	-67	9	243	04	14907	-73	7	290	05	16978	-76	0	298	06
10	10780	-64	0	285	07	12591	-66	9	297	09	14957	-71	3	309	11	17040	-76	3	303	13
11	10755	-64	3	273	11	12502	-67	2	273	12	14924	-71	3	276	13	17005	-76	4	282	13
12	10750	-61	9	274	05	12515	-65	7	281	08	14951	-70	7	289	13	17042	-75	3	297	14
13	10859	-60	4	293	06	12632	-65	0	313	07	15065	-71	2	311	10	17149	-77	3	305	16
14	10957	-64	6	349	04	12708	-67	5	354	08	15105	-74	1	326	11	17166	-77	2	332	15
15	10847	-63	2	347	08	12597	-67	0	334	19	15022	-72	9							
16	10766	-62	0	330	21	12530	-66	4	332	19	14941	-73	1	339	16	17004	-78	0	329	24
17	10835	-63	1	343	28	12600	-64	4	338	33	15032	-73	4	343	30	17096	-75	9	347	37
18	11083	-67	6			12805	-70	2			15194	-73	3			17272	-76	1		
19	10971	-60	7	321	58	12740	-65	9	323	44	15159	-73	0	329	40	17217	-78	7	328	37
20	10884	-58	8	325	26	12669	-63	8	327	24	15115	-70	8	326	28	17197	-76	7	328	32
21	10877	-61	3	017	34	12640	-66	7	003	33	15068	-70	7	002	24	17150	-76	7	353	29
22	11005	-68	4	014	31	12734	-68	9	006	24	15130	-73	8	359	22	17190	-78	0	350	26
23	11044	-63	5	337	13	12796	-67	0	339	14	15214	-71	9	339	19	17304	-74	1	348	18
24	10965	-59	0	351	21	12757	-62	6	346	22	15216	-68	9	355	23	17334	-72	1	356	40
25	11067	-63	9	332	24	12824	-65	8	343	29	15267	-69	0	343	34	17383	-72	2	345	28
26	10992	-63	5	329	30	12751	-65	7	330	29	15200	-67	9	330	37	17340	-68	7	332	35
27	10896	-60	2	347	25	12676	-63	8	348	26	15146	-64	8	348	32	17313	-66	1	340	29
28	11253	-69	3	338	31	12950	-70	4	334	47	15351	-70	6	341	28	17478	-68	2	339	24
29	10955	-58	3	316	36	12752	-62	1	320	24	15228	-66	7	315	34	17385	-66	2	322	37
30	10907	-53	9	326	27	12743	-58	1	330	21	15266	-61	0	329	31	17483	-60	4	333	23
31	10825	-54	1	020	21	12652	-57	0	005	17	15212	-58	4							
MN	10873	-62	3	*336	15	12638	-65	4	*332	15	15076	-70	2	*326	17	17170	-74	1	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3815	-35	4 77	102	04	5066	-43	0	116	04	6534	-54	1	100	03	8392	-64	6	104	04
02	3817	-37	6 68	126	07	5054	-45	7	131	08	6506	-55	9	169	09	8295	-64	7	167	08
03	3792	-38	5 71	046	14	5025	-46	2	054	14	6477	-55	6	053	14	8267	-63	2	057	11
04	3790	-40	3	345	14	5010	-48	9	338	11	6446	-57	5	336	10	8229	-63	0	328	10
05	3802	-41	1	270	10	5019	-49	5	262	08	6452	-58	2	261	08	8227	-65	0	263	10
06	3777	-40	9	-		4998	-47	8	-		6440	-57	0	263	07	8212	-66	6	279	08
07	3790	-40	3	-		5019	-46	5	-		6467	-56	7	237	08	8247	-66	4	253	08
08	3829	-40	1	222	08	5052	-47	7	206	06	6494	-57	0	205	06	8267	-66	7	197	07
09	3839	-38	8 56	257	05	5071	-46	6	228	07	6519	-56	3	223	07	8309	-64	1	254	04
10	3811	-39	0 A22	302	09	5042	-47	3	263	06	6484	-56	7	293	08	8274	-63	4	311	14
11	3760	-39	4	207	11	4995	-45	9	200	14	6445	-56	6	202	14	8235	-64	9	207	11
12	3785	-40	8	193	01	5004	-48	9	177	05	6442	-57	3	179	08	8245	-60	1	211	03
13	3838	-37	6 43	354	03	5078	-43	8	157	05	6555	-50	8	155	15	8389	-58	3	160	17
14	3811	-30	7 38	352	23	5082	-39	2 A22	341	12	6585	-47	5	198	05	8443	-60	7	156	09
15	3709	-40	1	341	22	4935	-46	0	339	18	6396	-53	0	335	09	8230	-58	6	345	01
16	3720	-39	7	353	21	4962	-41	7	002	12	6442	-51	8	352	13	8266	-61	5	351	18
17	3856	-37	3 A22	344	26	5100	-42	7	345	34	6586	-50	0	346	43	8433	-58	1	342	50
18	3805	-32	3 76	300	14	5073	-39	1	306	25	6587	-43	9	319	56	8471	-55	2	315	75
19	3832	-36	3 40	327	09	5083	-41	0	320	14	6581	-45	8	319	39	8458	-56	4	314	66
20	3766	-44	0	344	08	4975	-49	7	353	11	6415	-55	0	349	15	8244	-57	5	356	21
21	3974	-39	4 A22	050	10	5201	-47	6	059	07	6645	-56	0	033	20	8448	-62	1	024	25
22	4045	-32	8 75	338	12	5303	-42	4	351	14	6775	-53	3	335	15	8576	-65	9	332	12
23	3982	-32	6 70	299	16	5248	-38	8 73	296	26	6740	-50	7	299	24	8556	-65	2	291	22
24	3889	-29	1 A20	030	35	5171	-37	4 A22	028	41	6676	-48	3	035	45	8515	-60	5	034	47
25	3972	-29	5 75	320	18	5250	-38	6 76	313	26	6744	-50	3	315	30	8571	-61	0	316	27
26	3818	-30	9 77	309	17	5086	-40	5	309	22	6575	-50	3	304	24	8402	-59	2	297	29
27	3908	-30	7 32	347	25	5190	-36	3 A21	354	34	6699	-48	2	349	43	8542	-60	9	353	50
28	3836	-23	6 77	302	27	5147	-31	6 70	305	33	6684	-43	5	302	36	8556	-56	9	291	24
29	3768	-36	3 47	317	35	5025	-40	6	320	39	6525	-46	8	320	58	8398	-54	7	318	50
30	3613	-41	1	337	19	4835	-47	1	331	20	6305	-49	7	338	21	8190	-48	7	345	20
31	3777	-34	3 76	024	18	5035	-41	7	034	13	6508	-53	6	027	16	8345	-56	2	026	13
MN	3823	-36	5 54	*		5069	-43	5 47	*331	11	6540	-52	5	*334	13	8360	-61	0	*326	13

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10818	-62	6	038	03	12584	-65	6	071	04	15012	-71	7	061	04	17088	-77	2	358	01
02	10793	-61	0	074	02	12565	-64	7	072	03	15013	-69	7	005	04	17111	-75	4	025	06
03	10774	-61	6	046	04	12551	-64	0	100	05	15001	-69	8	358	06	17100	-74	9	327	04
04	10741	-60	5	278	04	12524	-63	3	275	09	14973	-70	0	280	10	17073	-74	8	280	08
05	10721	-61	2	278	12	12498	-63	9	279	10	14941	-71	2	272	13	17020	-76	2	265	13
06	10678	-64	5	277	10	12427	-66	5	290	10	14856	-71	9	282	10	16933	-75	9	280	13
07	10736	-62	3	268	09	12507	-64	3	274	10	14954	-70	4	273	10	17048	-75	0	278	16
08	10726	-65	6	216	04	12470	-67	5	268	04	14881	-72	7	296	06					
09	10782	-64	9	262	04	12526	-67	4	289	05	14946	-71	5	313	08	17025	-76	8	311	10
10	10760	-64	0	304	12	12510	-67	3	295	14	14922	-72	4	290	13	16995	-76	2	296	14
11	10729	-62	4	249	10	12492	-65	9	268	09	14921	-71	4	275	12	17002	-76	3	299	13
12	10783	-60	1	290	07	12559	-64	8	295	11	15000	-70	8	304	12	17083	-77	2	300	13
13	10916	-62	6	312	02	12677	-66	2	333	07	15094	-72	9	318	12					
14																				
15	10752	-61	2	336	31															
16	10786	-62	3	348	18	12536														
17	10957	-63	7	344	39	12703	-67	7	344	39	15117	-72	0	341	47					
18	10994	-64	0			12745	-67	7			15144	-74	9			17187	-79	2		
19	10983	-62	1	314	44	12747	-67	0	319	37	15161	-72	9	329	31	17251	-75	8	331	18
20	10808	-59	8	346	25	12591	-63	4	338	25	15032	-71	3	336	29	17110	-77	2	341	33
21	10940	-65	1	014	23	12677	-69	1	006	22	15066	-74	9	360	31	17121	-77	7	360	19
22	11017	-67	1	347	16	12753	-69	6	348	17	15144	-74	1	351	19					
23	11023	-61	4	303	17	12777	-67	6	331	06	15200	-70	6	343	16	17902	-73	2	357	16
24	11020	-62	0	013	31	12792	-64	2	002	30	15240	-70	0	358	43	17948	-71	5	346	30
25	11067	-63	0	324	34	12829	-64	7	326	34	15293	-67	3	337	36	17419	-70	2	337	35
26	10934	-61	6	309	24	12703	-64	8	320	33	15161	-67	1	326	28	17307	-68	1		
27	11031	-64	0	351	47	12788	-64	9	340	37	15246	-66	0	347	33	17395	-69	9	348	26
28	11077	-64	5	307	29	12837	-64	5	320	25	15298									
29	10972	-58	0			12773	-60	8			15274									
30	10830	-52	7	345	23	12671	-56	7	348	20	15224	-59	5							
31	10919	-56	0	018	16	12747	-57	0	014	19	15307	-57	0							
MN	10869	-62	1	*328	15	12640	-63	0	*329	15	15086	-70	2	*331	16	17146	-74	9	*	

A — *Statistical Value for Relative Humidity*

* — *Vector Mean Wind*

\- — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.
JANUARY 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	18972	-79 6		344	02															
02	19035	-78 5																		
03	19022	-80 4		354	05															
04	19059	-78 9		294	06	21947	-80 7		300	10	24225	-81 4								
05	18999	-78 4		273	12	21882	-81 0		283	17	24160	-81 4		277	20					
06	18911	-78 9		271	18	21780	-82 8		282	17	24031	-83 0		285	17					
07																				
08	18895	-79 0		289	16	21772	-81 0		292	24	24050	-81 0		283	22					
09	18910	-78 1		298	13	21802														
10	18963	-79 0		305	14	21848	-81 2		300	23	24121	-82 0		297	21					
11	18935	-78 1		296	18	21814	-84 0		293	22	24040	-83 0		292	28					
12	18971	-79 2		299	18	21837														
13	19066	-79 8		308	15	21933	-81 9		300	24										
14	19081																			
15																				
16	18908	-80 4		341	19	21773	-83 2													
17	19035	-77 9		343	32	21924	-81 6		348	37	24207	-79 9								
18	19189	-80 8																		
19	19138	-79 8		331	34	22016	-81 5													
20	19114	-80 3		329	28															
21	19090																			
22	19103	-78 6		359	25	22008	-78 9		360	21										
23	19253	-76 1		345	15	22227	-74 4		358	15										
24																				
25	19358	-70 4		352	30	22458	-62 1		351	32										
26	19362	-68 6		339	26	22492	-56 4		330	48	25200	-29 7		328	26					
27	19351	-63 9		349	28	22586	-45 2		348	22	25447	-19 0		005	12					
28	19517	-64 5		339	23	22744	-46 4		324	20	25590	-16 0		244	09					
29	19421	-64 9		321	25	22721	-41 2		296	15	25666	-17 3		267	06					
30	19603	-56 8		341	26	23000	-34 9		229	09	25960	-21 1		217	09					
31																				
MN	19121	-75 6		*326	18	22128	-69 9		*		24725	-56 2		*					*	

SPECIAL AEROLOGICAL DATA 00 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	10840	02	2 06	0					1	08 14	307	-64 8	292	2	16 64	075	-75 5	414	9	06 90	375	292	09
02	00900	02	2 07	0					1	07 84	323	-63 8	289	0					8	06 83	380	128	12
03	20770	02	4 00	0					1	08 06	311	-65 8	289	0					9	02 33	741	110	11
04	10720	02	8 01	0					1	07 64	332	-63 0	288	0					9	04 39	550	067	21
05	00900	02	2 02	0					1	08 08	308	-65 1	291	0					9	25 84	015	279	25
06	20770	02	3 02	0					1	07 90	316	-65 0	289	0					1	25 60	015	280	28
07	15500	02	8 01	0					2	07 78	323	-66 1	286	0					8	16 00	083	282	15
08	00908	02	2 08	0					1	07 68	329	-66 5	284	0					9	21 93	029	295	24
09	00900	02	1 09	0					2	08 02	313	-65 7	289	0					1	21 44	032	302	15
10	00900	02	4 00	0					1	08 73	278	-65 4	299	0					9	25 80	015	298	27
11	10720	02	7 20	0					1	08 43	293	-67 4	292	0					9	25 69	021	286	29
12	00900	01	2 14	0					1	07 24	351	-61 3	286	0					1	21 10	034	296	24
13	00900	02	2 03	0					2	06 49	400	-55 1	283	2	17 15	070	-77 3	419	9	21 82	031	300	25
14	00900	38	8 01	0					2	07 93	326	-60 5	293	2	14 24	116	-72 9	370	8	00 91	908	352	34
15	9-0--	39	0 00	0					2	08 80	279	-62 1	304	2	11 75	172	-66 0	343	7	01 59	817	355	29
16	00900	38	5 02	0					1	08 24	300	-61 1	299	2	17 88	060	-80 1	430	9	11 83	168	339	26
17	20740	38	2 25	0					1	10 05	226	-64 1	320	2	15 85	087	-75 9	396	9	17 43	066	347	38
18	00908	03	8 07	0					2	10 07	236	-66 0	313	0					5	09 43	262	331	87
19	00900	02	2 29	0					1	04 86	513	-43 7	278	2	16 99	073	-78 5	411	9	10 32	222	329	68
20	10740	01	4 00	0					2	06 48	400	-52 6	287	0					9	17 50	067	327	34
21	00900	02	3 35	0					1	06 17	422	-55 4	279	2	12 55	152	-66 5	354	8	11 10	193	020	38
22	00900	02	2 08	0					1	09 76	246	-69 9	304	0					1	23 35	024	007	50
23	45600	02	7 29	0					1	08 46	305	-62 4	296	1	10 13	232	-65 4	316	9	15 30	098	339	19
24	855--	02	7 26	0					2	07 50	345	-52 8	299	2	09 13	267	-55 8	317	1	17 35	070	356	40
25	35500	38	2 18	0					1	09 51	257	-65 1	306	0					9	15 70	093	346	35
26	855--	02	7 19	0					2	08 47	301	-62 7	297	0					9	22 38	030	330	49
27	10740	38	2 48	0					2	08 23	305	-58 4	301	0					9	14 78	106	347	35
28	856--	02	8 34	0					1	12 10	173	-74 1	329	0					9	08 93	291	334	63
29	00900	38	2 27	0					2	07 88	324	-53 5	304	2	13 16	140	-63 6	368	9	08 87	277	311	55
30	20750	02	8 10	0					2	05 73	444	-47 7	284	2	13 59	131	-61 0	379	9	09 29	257	327	37
31	55500	10	1 06	0					1	07 21	350	-53 1	297	2	11 10	191	-56 1	348	7	06 39	397	058	24
MEAN										08 05	321	-61 3	295		13 86	136	-68 8	374					

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19001	-80 8																		
02	19036	-80 7		009	06	21900														
03	19030	-79 6		268	03															
04	19007	-79 1		275	10															
05	18947	-79 2		278	16	21825	-81 8		278	14	24094	-82 9		282	18					
06	18861	-79 2		294	17	21729	-83 0		304	13										
07	18985	-78 3		288	15	21872	-80 9		277	22	24145	-81 8								
08																				
09	18946	-79 5		303	13	21819	-81 3													
10	18924	-78 9		296	18	21804	-82 6		303	19										
11	18925	-79 5		295	16															
12	18988	-80 7		301	16	21851	-81 7		303	19	24116	-82 0		298	22					
13																				
14																				
15																				
16																				
17																				
18	19077	-82 1				21911	-83 8				24156	-83 3								
19	19166																			
20	19013	-81 2		331	10	21864	-82 5		334	16	24124	-80 9		334	15					
21	19031	-81 1		357	20	21910	-79 0		357	23	24224	-76 7		357	19					
22																				
23	19264	-73 7		348	15	22274	-71 3		341	14	24740	-61 0								
24	19339	-70 9		353	31	22392	-64 1		356	31	24915	-60 5		012	23					
25	19426	-68 8		337	24	22563	-56 6		341	25	25223	-41 8								
26																				
27	19413	-66 0		349	24	22647	-46 7		351	19	25476	-15 6		351	12					
28																				
29																				
30																				
31																				
MN	19073	-77 7		*		22026	-75 0		*		24521	-66 7		*					*	

SPECIAL AEROLOGICAL DATA 12 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	1 05	0					1	08 70	282	-65 6	298	0					8	02 50	724	126	05
02	00900	02	3 03	0					1	08 28	301	-64 7	293	0					9	07 47	344	172	13
03	00900	02	0 01	0					2	07 26	354	-61 5	285	0					9	07 01	368	059	15
04	00900	02	2 10	0					1	07 52	336	-63 8	286	0					9	02 82	690	346	15
05	40710	02	3 01	0					2	07 28	350	-63 2	283	0					1	25 78	015	275	26
06	00900	02	8 01	0					1	08 47	287	-67 2	294	0					9	19 56	044	287	19
07	00900	02	1 02	0					1	08 04	310	-66 9	288	0					1	23 95	021	283	24
08	00900	02	2 11	0					2	07 82	322	-66 3	286	0					8	03 00	677	234	10
09	00900	02	0 02	0					1	08 76	279	-65 1	299	0					1	21 77	030	313	14
10	00900	02	8 04	0					2	07 74	326	-63 0	289	0					9	19 71	044	296	22
11	8071-	38	7 14	0					1	08 22	301	-65 0	293	0					1	19 53	045	300	16
12	00900	02	2 16	0					2	06 88	372	-59 3	284	2	17 84	061	-80 0	429	1	24 50	019	301	24
13	00900	38	0 00	0					2	07 59	341	-57 0	294	0					8	00 60	950	356	22
14	9-0--	39	7 21	0					0					0					5	00 49	956	348	28
15	00900	39	3 01	0					1	09 15	258	-61 3	312	0					1	10 77	199	336	31
16	00900	38	2 12	0					2	08 19	304	-61 4	298	0					6	09 22	257	346	24
17	00900	38	3 13	0					2	08 55	294	-58 7	304	2	11 47	184	-65 5	337	8	08 08	317	341	31
18	25500	02	7 35	0					2	10 79	207	-63 8	328	0					5	09 31	262	317	91
19	00900	02	3 13	0					2	09 53	253	-61 1	314	1	15 16	100	-72 9	386	8	08 53	297	314	68
20	00900	02	2 10	0					2	05 97	429	-54 4	279	2	18 27	057	-80 6	436	9	17 16	069	341	33
21	00900	38	2 19	0					2	08 38	304	-62 0	297	0					9	15 50	093	359	33
22	00900	02	8 17	0					1	09 04	277	-69 1	294	0					8	15 08	101	350	19
23	9-0--	39	7 30	0					1	08 86	285	-67 8	294	2	11 86	174	-66 5	340	9	04 75	537	292	33
24	00900	02	2 13	0					1	10 07	233	-64 5	316	0					9	07 38	360	033	58
25	55500	02	7 17	0					1	09 73	248	-64 4	311	0					9	10 30	227	322	45
26	00900	02	7 34	0					2	07 66	338	-59 2	292	0					8	09 58	249	307	34
27	00900	36	2 32	0					1	09 21	269	-65 5	302	0					9	09 06	276	352	58
28	9-0--	39	7 39	0					1	11 37	191	-65 5	333	0					7	06 40	416	302	38
29	25500	02	8 04	0					2	08 23	307	-54 5	306	0					5	07 87	325	317	76
30	00900	02	5 13	0					2	04 75	506	-47 0	275	0					7	05 68	441	336	24
31	65500	03	2 09	0					2	06 80	383	-54 7	287	0					7	13 91	125	010	30
MEAN										08 29	308	-62 1	297		14 92	115	-73 1	386					

A Statistical Value for Relative Humidity
* Vector Mean Wind
\- Entered under Wind Direction Indicates a Stratum of Missing Wind Data

MOULD BAY, N.W.T.
FEBRUARY 1963.

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1019	-30	9	66	360	04	0153	-31	4	62	019	05	0510	-32	4	59	040	09	0896	-32	4	66	039	13
02	1027	-35	1	50	330	02	0206	-33	1	55	318	03	0570	-29	3	64	360	04	0955	-26	6	71	015	09
03	1029	-39	2		140	03	0219	-33	0	48	-		0580	-27	4	59	-		0977	-26	7	61	-	
04	1018	-39	6		000	00	0143	-30	6	59	355	02	0510	-27	5	59	058	08	0909	-27	8	62	078	03
05	0994	-29	8	68	307	18	-022						0350	-30	1	72	319	16	0735	-20	7	78	349	12
06	1009	-31	4	73	185	16	0084	-32	2	74	191	15	0450	-29	1	73	214	15	0835	-27	5	75	217	17
07	1029	-33	8	62	180	01	0222	-30	7	46	164	05	0590	-26	6	51	160	12	0982	-24	5	59	161	12
08	1022	-22	8	60	120	13	0182	-20	9	80	135	14	0570	-21	0	80	159	15	0960	-20	9	81	155	15
09	1016	-30	6	67	240	06	0134	-30	6	64	250	06	0500	-30	3	65	271	09	0885	-25	7	69	283	10
10	1022	-24	8	70	060	05	0181	-23	7	68	096	02	0560	-21	2	63	166	07	0961	-14	5	60	147	08
11	1021	-30	2	61	330	13	0167	-23	6	72	346	13	0545	-24	6	75	003	12	0937	-22	0	77	007	13
12	1040	-38	0		000	00	0294	-29	2	45	325	03	0670	-26	5	49	321	05	1054	-25	3	46	323	08
13	1035	-34	9	50	020	04	0258	-32	5	60	299	08	0635	-24	9	75	303	13	1022	-24	1	80	308	13
14	1035	-37	0		000	00	0260	-30	2	45	344	05	0540	-26	4	52	349	06	1021	-25	1	55	351	06
15	1026	-29	9	35	000	00	0202	-28	5	48	250	06	0575	-26	0	73	264	11	0964	-25	9	85	277	11
16	1024	-38	5		330	07	0181	-36	4	46	350	08	0540	-30	3	60	020	11	0929	-28	2	65	021	11
17	1019	-33	8	53	140	03	0153	-30	9	56	204	05	0530	-22	7	67	255	08	0922	-23	3	73	273	07
18	1023	-36	9	30	000	00	0181	-28	4	44	017	03	0560	-24	7	61	025	03	0948	-23	7	69	014	06
19	1029	-34	4	41	330	01	0222	-28	2	57	326	05	0610	-22	7	70	328	09	0995	-18	8	50	348	07
20	1037	-36	2	35	000	00	0279	-25	9	60	334	05	0660	-20	2	65	327	04	1058	-19	0	46	298	07
21	1043	-35	1	36	000	00	0324	-20	9	49	148	06	0720	-17	2	43	128	03	1112	-17	6	31	041	01
22	1039	-31	3	44	000	00	0298	-19	0	36	170	04	0680	-17	2	31	168	04	1087	-17	8	29	148	03
23	1029	-29	9	55	000	00	0230	-20	9	56	159	04	0615	-17	7	40	154	08	1018	-16	9	A17	154	09
24	1013	-26	8	67	210	01	0112	-26	8	63	-		0490	-20	9	61	-		0885	-16	9	46	-	
25	1008	-32	4	81	340	07	0079	-31	3	85	346	08	0495	-28	3	82	002	11	0837	-25	0	84	011	12
26	1021	-29	7	28	340	08	0166	-23	3	62	332	10	0550	-20	3	75	338	14	0945	-21	3	79	347	13
27	1020	-25	8	77	340	05	0161	-26	3	65	339	07	0540	-19	5	68	344	09	0940	-22	7	80	358	10
28	1020	-31	8	97	000	00	0165	-30	0	43	027	02	0530	-25	6	57	013	06	0932	-22	8	56	003	08
MN	1024	-32	5	55	*		187	-28	0	56	*		558	-24	7	62	*		954	-23	0	62	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1302	-28	5	73	032	22	1741	-25	8	78	036	24	2220	-25	5	80	047	19	2709	-27	8	80	044	15
02	1367	-27	5	72	013	10	1804	-28	7	72	010	08	2260	-30	0	71	010	06	2754	-32	1	72	010	06
03	1390	-26	8	59	171	05	1827	-27	8	55	171	06	2290	-29	6	53	166	04	2780	-32	2	52	159	05
04	1320	-27	9	63	075	04	1757	-28	1	57	078	04	2230	-29	7	47	070	04	2708	-31	3	56	079	04
05	1162	-17	7	83	006	10	1615	-20	8	83	029	09	2100	-21	7	89	073	09	2599	-22	6	83	099	13
06	1246	-28	3	75	219	18	1681	-29	0	75	217	15	2140	-30	4	75	210	10	2630	-32	3	76	190	08
07	1397	-25	9	50	166	07	1836	-27	4	46	164	07	2310	-27	9	42	164	11	2796	-27	7	97	164	12
08	1384	-18	7	82	173	12	1838	-18	4	83	165	11	2310	-20	5	85	164	13	2825	-22	9	84	188	15
09	1310	-15	0	60	278	13	1771	-14	5	58	274	14	2260	-18	1	30	272	16	2769	-19	2	A17	266	24
10	1396	-13	4	62	153	09	1857	-13	5	75	183	12	2350	-11	3	87	-		2878	-13	8	88	-	
11	1360	-19	0	77	001	13	1812	-19	4	73	337	09	2305	-19	8	68	309	11	2803	-20	0	61	283	19
12	1470	-24	3	42	323	09	1914	-24	0	55	324	09	2390	-25	4	30	322	09	2882	-27	8	36	320	11
13	1438	-24	8	81	306	12	1879	-26	1	81	309	11	2340	-28	8	78	308	11	2835	-31	2	69	309	15
14	1437	-24	7	58	346	09	1880	-25	4	58	349	09	2340	-28	2	56	348	11	2897	-30	7	52	350	11
15	1379	-23	5	86	289	10	1821	-25	0	88	306	09	2290	-29	1	90	301	09	2780	-29	8	84	306	10
16	1340	-28	3	72	024	09	1773	-30	4	78	007	13	2240	-29	4	67	005	14	2724	-30	9	50	360	11
17	1339	-24	7	77	272	07	1781	-25	5	77	297	08	2250	-26	1	71	307	09	2747	-26	1	58	320	14
18	1365	-24	4	70	008	07	1807	-25	7	68	007	08	2280	-26	1	48	356	08	2771	-28	0	A19	003	11
19	1421	-18	8	27	344	09	1872	-20	6	27	343	11	2345	-23	3	31	343	12	2850	-26	0	36	343	12
20	1484	-18	8	31	292	11	1935	-20	8	34	291	13	2410	-23	0	30	288	12	2912	-26	0	32	289	13
21	1540	-17	9	33	006	03	1992	-20	4	36	353	05	2480	-23	0	40	340	06	2970	-25	8	44	334	06
22	1514	-18	8	26	141	04	1965	-20	7	A17	125	05	2430	-22	8	A18	119	05	2944	-25	0	A18	107	02
23	1447	-17	8	A17	153	09	1899	-19	8	34	151	08	2375	-22	1	42	162	08	2880	-24	6	25	163	09
24	1314	-16	5	36	-		1768	-19	1	68	-		2250	-21	9	78	-		2750	-24	2	82	-	
25	1253	-23	9	85	014	13	1697	-23	5	86	006	14	2180	-25	4	86	360	14	2665	-28	9	84	001	14
26	1366	-20	6	81	357	10	1815	-20	8	80	342	10	2300	-21	8	78	339	11	2799	-22	7	49	342	12
27	1362	-19	4	79	320	08	1812	-21	8	76	308	08	2285	-24	0	71	326	10	2785	-26	3	60	324	12
28	1354	-21	2	32	359	17	1803	-20	8	A17	358	07	2275	-22	3	A18	354	10	2784	-23	9	A18	348	14
MN	1373	-22	0	60	*		1820	-23	0	61	*		2294	-24	5	59	*		2792	-26	4	54	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1025	-33	4	54	000	00	0193	-30	7	47	335	02	0560	-31	0	56	021	03	0944	-27	2	65	030	08
02	1027	-37	6		000	00	0206	-32	6		000	00	0570	-27	9	70	296	01	0961	-27	7	75	031	01
03	1027	-38	0		140	04	0206	-33	2	50	-		0580	-27	1	62	-		0963	-25	3	62	-	
04	1011	-36	6	45	310	05	0095	-33	9	49	315	05	0465	-26	8	66	347	10	0854	-25	8	74	001	08
05	0987	-24	4	66	240	14	-072						0300	-26	0	67	248	15	0690	-26	9	70	262	14
06	1021	-34	6	91	180	05	0164	-35	9	49	186	09	0540	-28	2	69	196	15	0917	-27	7	67	200	13
07	1028	-33	2	45	000	00	0215	-25	1	56	-		0590	-24	8	61	-		0982	-24	5	66	-	
08	1011	-21	4	78	160	12	0103	-22	0	78	178	12	0480	-24	5	77	207	12	0872	-25	0	77	215	12
09	1024	-31	1	99	000	00	0188	-27	6	61	000	00	0580	-23	9	60	071	02	0963	-17	0	50	070	03
10	1016	-22	1	66	340	02	0134	-22	3	67	341	02	0515	-23	5	71	048	02	0906	-22	8	74	260	01
11	1034	-36	5	45	000	00	0253	-30	5	51	008	08	0620	-24	9	50	008	10	1017	-24	0	42	004	11
12	1037	-31	8	66	200	01	0279	-31	3	66	250	08	0650	-26	6	60	288	16	1038	-25	6	55	283	23
13	1034	-37	1	57	350	05	0255	-31	1	44	333	08	0630	-26	7	62	346	09	1013	-25	3	68	337	10
14	1034	-40	6		000	00	0251	-30	2		315	04	0640	-25	7	52	310	07	1015	-24	7	47	315	06
15	1018	-30	8	60	340	03	0148	-31	8	58	328	04	0510	-30	8	60	335	05	0900	-23	9	70	336	07
16	1026	-40	0		360	05	0192	-36	0	50	357	06	0560	-26	8	64	348	10	0991	-24	3	71	355	12
17	1019	-37	1	57	000	00	0149	-33	0	61	060	02	0520	-24	0	68	039	05	0912	-23	9	65	027	04
18	1026	-37	2	44	000	00	0203	-29	7	46	015	01	0580	-24	7	60	011	04	0969	-23	4	65	009	05
19	1033	-35	5	48	000	00	0247	-27	2	52	335	04	0640	-18	5	67	339	07	1034	-16	6	37	343	08
20	1041	-35	9	59	000	00	0313	-21	9	63	357	02	0700	-19	0	56	005	04	1096	-18	3	39	348	05
21	1043	-34	4	51	000	00	0322	-22	1	55	183	06	0710	-18	4	43	142	05	1107	-17	4	26	113	04
22	1035	-31	2	44	000	00	0270	-20	7	49	127	02	0650	-18	7	40	110	04	1055	-17	8	29	102	05
23	1021	-32	0	49	000	00	0171	-22	4	69	-		0560	-16	9	49	-		0959	-16	1	33	-	
24	1006	-23	7	75	000	00	0063	-23	8	74	-		0440	-24	8	68	-		0833	-21	8	74	-	
25	1016	-35	6	48	330	04	0131	-32	9	56	344	06	0510	-18	6	53	010	10	0908	-18	6	47	012	10
26	1020	-27	7	60	330	05	0163	-24	5	64	329	07	0540	-18	8	74	331	13	0945	-19	1	79	335	13
27	1020	-32	1	49	300	02	0161	-23	9	64	336	05	0540	-22	4	75	001	09	0933	-22	8	80	345	11
28	1019	-35	4	37	000	00	0150	-28	9	41	000	00	0530	-24	3	43	055	03	0918	-21	6	40	017	04
MN	1024	-33	1	54	*		184	-28	3	57	*		561	-24	1	61	*		952	-22	7	59	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1355	-27	7	68	024	09	1792	-28	5	72	020	08	2260	-29	9	73	021	12	2743	-31	3	75	025	12
02	1372	-28	3	78	000	00	1807	-29	4	79	000	00	2265	-30	6	80	059	01	2755	-32	8	78	040	02
03	1378	-25	4	57	-		1818	-26	8	50	125	11	2290	-29	5	45	117	07	2770	-32	2	38	120	04
04	1267	-26	0	74	019	06	1706	-27	9	75	058	04	2180	-27	6	74	099	05	2666	-28	0	71	129	08
05	1108	-21	9	75	268	19	1556	-20	9	77	265	21	2030	-20	3	78	250	14	2542	-23	4	73	191	05
06	1930	-26	1	63	200	10	1769	-28	0	58	194	10	2240	-28	5	48	188	10	2726	-29	4	41	205	12
07	1399	-24	2	70	157	09	1842	-24	5	71	170	08	2320	-24	7	72	190	07	2815	-24	0	39	218	05
08	1288	-22	4	77	209	14	1739	-15	2	82	209	18	2240	-12	9	87	208	27	2756	-14	6	87	207	30
09	1396	-13	2	40	327	02	1857	-14	7	A16	307	04	2355	-15	5	A16	251	07	2865	-16	9	A17	246	12
10	1333	-15	1	81	238	05	1800	-08	4	91	243	08	2300	-11	7	86	248	10	2824	-13	8	57	240	14
11	1434	-24	3	35	355	12	1876	-24	7	28	350	14	2340	-25	6	A19	343	14	2844	-28	0	A19	339	14
12	1455	-23	2	34	289	20	1900	-23	5	27	289	15	2370	-26	0	97	288	17	2867	-28	5	48	289	18
13	1427	-26	1	63	339	10	1866	-27	4	54	340	11	2325	-29	1	54	337	15	2819	-30	6	52	337	14
14	1430	-25	2	55	308	07	1871	-25	9	60	320	06	2330	-27	7	53	321	07	2830	-29	6	49	310	07
15	1315	-24	0	75	340	06	1761	-23	4	52	331	07	2240	-26	0	40	337	07	2728	-28	7	51	337	06
16	1368	-24	8	63	358	14	1809	-26	3	48	352	12	2270	-28	0	33	351	16	2768	-29	5	A20	355	17
17	1329	-23	9	61	035	05	1772	-25	1	58	021	09	2230	-27	3	57	012	11	2733	-29	6	54	009	13
18	1388	-21	7	32	008	07	1836	-22	0	A18	015	10	2310	-23	9	28	021	08	2810	-26	4	39	010	09
19	1462	-18	2	A17	338	09	1914	-20	4	A17	340	11	2395	-22	9	A18	347	11	2893	-25	7	A19	353	09
20	1523	-18	7	33	320	07	1974	-20	8	40	322	10	2450	-23	1	45	321	10	2952	-25	9	42	319	10
21	1535	-18	1	30	079	04	1987	-20	6	42	065	05	2460	-23	2	38	048	05	2964	-25	9	29	037	05
22	1482	-18	7	30	116	05	1934	-20	3	35	125	06	2400	-22	4	32	129	06	2914	-24	7	28	132	05
23	1389	-17	1	A17	-		1842	-19	0	A17	-		2315	-21	0	A18	-		2828	-23	8	A18	-	
24	1256	-19	0	79	-		1707	-21	7	79	-		2190	-25	8	82	-		2676	-25	4	80	-	
25	1330	-20	3	44	011	09	1778	-22	2	40	013	10	2260	-24	8	38	014	11	2749	-27	4	37	020	11
26	1368	-22	3	83	332	13	1815	-23	1	83	332	10	2280	-25	5	84	331	10	2787	-24	9	78	318	13
27	1351	-24	1	81	345	09	1798	-22	3	77	345	14	2275	-23	9	56	340	16	2774	-24	7	31	336	18
28	1340	-21	5	32	005	05	1788	-20	5	A17	347	05	2265	-21	5	A18	338	08	2772	-23	0	A18	333	11
MN	1972	-22	2	55	*		1818	-22	6	52	*		2292	-24	2	50	*		2792	-26	0	46	*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.
FEBRUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3808	-33	78	090	18	5064	-42		091	13	6535	-53		093	20	8351	-61		034	19
02	3829	-37	76	008	08	5065	-45		002	11	6522	-54		018	09	8327	-60		014	13
03	3855	-36	38	050	04	5097	-44		030	09	6560	-53		023	11	8385	-58		031	13
04	3790	-35	60	098	07	5045	-37	62	142	15	6553	-49		143	20	8390	-60		148	20
05	3718	-28	77	123	22	5001	-36	73	114	20	6524	-45		101	24	8385	-57		107	28
06	3715	-34	73	170	04	4964	-43		159	03	6437	-52		122	04	8265	-57		187	08
07	3890	-34	66	170	15	5143	-42		182	15	6620	-53		179	14	8452	-57		186	18
08	3952	-23	78			5260	-32	74			6795	-44				8660	-58			
09	3916	-21	A18	255	28	5238	-29	A20			6806	-38	A22			8717	-52			
10	4035	-20	81	-		5360	-28	75	241	25	6928	-38	69	257	41	8845	-53		263	46
11	3944	-22	A18	267	17	5264	-30	A20	254	19	6813	-42		242	25	8710	-48		257	28
12	3978	-33	47	314	12	5234	-42		308	13	6710	-51		303	16	8570	-50		284	17
13	3918	-35	33	310	22	5169	-42		311	23	6646	-51		304	21	8526	-47		296	19
14	3922	-35	40	346	11	5174	-42		340	11	6654	-51		339	12	8494	-53		329	12
15	3870	-34	48	337	12	5128	-41		326	13	6615	-50		326	14	8484	-49		332	13
16	3807	-35	34	017	12	5051	-44		002	07	6512	-51		005	12	8389	-48		352	10
17	3849	-32	A20	324	22	5118	-39	A22	333	30	6611	-49		337	27	8470	-53		342	22
18	3860	-34	A21	006	12	5116	-42		001	15	6596	-50		005	16	8435	-54		354	14
19	3952	-32	46	326	11	5213	-41		328	11	6694	-50		333	12	8531	-55		319	10
20	4011	-33	46	290	12	5268	-41		304	12	6745	-52		305	13	8570	-56		306	16
21	4075	-31	A20	332	04	5343	-40	A22	325	02	6839	-48		351	05	8692	-58		328	10
22	4049	-31	A20	092	03	5320	-38	A22	026	04	6828	-46		352	07	8664	-60		334	12
23	3990	-31	A20	181	06	5267	-36	A21	209	05	6775	-48		235	08	8621	-57		254	11
24	3872	-27	A19	222	12	5155	-37	A22	237	17	6658	-48		245	18	8524	-53		257	15
25	3752	-34	79	358	14	5012	-40		002	10	6498	-49		023	11	8379	-49		347	16
26	3915	-29	A20	329	13	5191	-37	50	326	15	6695	-48		317	20	8553	-57		327	20
27	3888	-31	38	329	12	5160	-39	A22	334	19	6657	-49		326	26	8503	-58		325	35
28	3901	-28	A19	341	18	5187	-36	A21	341	20	6707	-46		342	15	8561	-59		338	14
MN	3895	-31	44	*		5165	-39	38	*315	06	6662	-49	46	*321	08	8516	-55		*312	09

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10882	-59		029	15	12690	-58		012	17	15239	-56		020	11	17534	-48		038	05
02	10848	-60		025	13	12639	-60		029	13	15180	-56		036	08	17474	-47		057	08
03	10923	-59		037	08	12724	-60		055	05	15253	-58		029	05	17526	-52		053	09
04	10925	-59		138	16	12718	-60		143	16	15245	-58		110	06	17509	-52		080	05
05	10948	-57		124	24	12761	-58		127	19	15319	-56		132	10	17588	-54		124	07
06	10856	-54		173	13	12697	-55		171	12	15278	-56		172	11					
07	11028	-55		195	17	12859	-56		207	13	15440	-54		225	10	17754	-49		300	09
08	11235	-54				13086	-52													
09	11386	-46				13292	-47				15981	-47				18324	-49			
10	11475	-48		257	24	13373	-46		280	13	16055	-46		288	09	18405	-48			
11	11405	-43		247	18	13333	-44		256	17	16036	-45		258	10	18397	-48			
12	11290	-42		274	16	13231	-42		280	16	15955	-44		290	08	18326	-47		272	07
13	11262	-40		295	13	13209	-43		297	15	15949	-42		277	15	18338	-46		291	10
14	11166	-44		314	14	13104	-42		311	09	15811	-46		302	15	18178	-47		288	11
15	11178	-42		312	12	13125	-43		310	12	15828	-47		308	10	18175	-49		309	07
16	11082	-44		340	09	13022	-42		318	10	15732	-46		317	09	18077	-51		295	07
17	11132	-45		328	14	13048	-45		323	08	15762	-45		303	07	18114	-51		283	05
18	11086	-46		329	09	12992	-47		315	10	15660	-48		283	08	17997	-50		311	07
19	11161																			
20	11184	-50		300	15	13071	-48		291	19	15723	-51		292	16	18043	-52		293	16
21	11273	-52		307	12	13146	-50		307	16	15793	-50		295	14	18107	-52		302	15
22	11235	-50		312	10	13112	-49		305	14	15753	-51		295	16	18060	-53		294	14
23	11242	-49		298	12	13125	-49		292	20	15777	-52		290	22	18081	-52		288	17
24	11153	-48		285	17	13042	-49		290	20	15686	-52		288	24	17990	-52		287	27
25	11049	-49		323	17	12925	-49		312	20	15567	-50		308	24	17891	-52		313	22
26	11126	-54		313	21	12981	-51		317	22	15634	-48		310	18	17960	-50		308	20
27	11069	-54		319	22	12923	-52		321	25	15544	-52		329	16	17848	-53		320	21
28	11120	-53		340	18	12981	-52		336	18	15608	-52		335	18	17903	-55		334	20
MN	11133	-50		*		13008	-50		*305	09	15646	-50		*303	09	17984	-50		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3826	-36	70	030	11	5072	-44		025	17	6535	-54		032	12	8340	-61		030	14
02	3827	-38	71	026	07	5067	-44		028	10	6526	-55		027	12	8330	-60		018	16
03	3842	-38	32	086	05	5077	-44		087	05	6552	-50		103	07	8399	-56		121	10
04	3766	-31	65	135	11	5043	-37	33	135	21	6550	-47		146	35	8406	-58		145	37
05	3653	-30	62	200	06	4921	-41		168	05	6402	-51		176	07	8249	-54		148	13
06	3814	-35	40	213	16	5062	-43		210	16	6535	-52		196	15	8364	-57		184	21
07	3923	-32	A20	-		5180	-43		-		6654	-51		217	15	8486	-57		223	20
08	3904	-23	80	216	37	5214	-31	64	225	34	6777	-37		236	68	8707	-51		251	57
09	4015	-21	74	262	20	5337	-28	58	267	32	6894	-41		257	29	8784	-54			
10	3987	-18	A17	240	18	5325	-27	A19	245	17	6887	-40		245	18	8795	-52		231	28
11	3943	-31	A20	323	15	5215	-38	A22	298	16	6723	-46		276	24	8615	-45		271	21
12	3958	-34	72	287	20	5211	-42		283	22	6688	-51		283	27	8560	-48		293	20
13	3907	-35	A21	333	16	5155	-43		334	15	6630	-50		341	17	8496	-50		322	18
14	3918	-35	40	322	06	5167	-42		322	08	6646	-51		320	07	8499	-52		323	12
15	3818	-35	68	008	06	5064	-44		292	05	6535	-50		297	05	8420	-46		319	09
16	3855	-35	35	356	21	5102	-43		355	29	6577	-50		351	32	8494	-52		350	33
17	3823	-34	31	003	16	5080	-40		360	21	6570	-49		356	22	8430	-53		343	18
18	3911	-32	49	001	09	5174	-40		006	10	6664	-50		360	13	8505	-56		337	08
19	3991	-33	40	348	11	5244	-42		333	11	6722	-51		335	16	8558	-57		318	14
20	4054	-32	33	322	11	5320	-40		333	10	6807	-50		353	10	8660	-56		338	12
21	4066	-32	A20	022	03	5330	-40		347	03	6851	-48		350	11	8681	-59		335	16
22	4022	-31	A20	152	04	5295	-37	A22	153	04	6810	-47		251	03	8657	-60		212	04
23	3938	-30	A20	-		5223	-36		-		6734	-46		248	09	8591	-55		249	14
24	3785			-		5058			-		6560	-47		-		8431	-51		-	
25	3851	-32	32	025	14	5124	-36	A21	026	21	6642	-45		017	30	8508	-57		003	26
26	3892	-31	A20	315	15	5168	-38	A22	312	16	6667	-49		313	24	8512	-57		316	27
27	3885	-29	20	338	25	5166	-36	A21	331	20	6684	-46		325	18	8535	-59		325	19
28	3891	-28	A19	332	14	5178	-35	A21	337	11	6695	-46		331	11	8553	-58		350	04
MN	3895	-32	40	*		5163	-39	31	*315	07	6661	-48	49	*297	08	8518	-55		*299	07

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10863	-59		028	12	12658	-60		022	17	15210	-56		030	09	17820	-46		085	05
02	10859	-60		023	12	12654	-60		032	11	15188	-59		028	10	17659	-50		047	11
03	10952	-59		136	09	12751	-59		127	08	15294	-58		095	07	17557	-54		048	07
04	10935	-60		145	23	12728	-60		134	17	15247	-60		138	17	17510	-53		094	10
05	10854	-54		145	16	12693	-55		146	17	15266	-55								
06	10942	-54		188	17	12771	-57		192	18	15351	-56		189	12	17663	-54		044	04
07	11072	-55		230	19	12905	-55		244	19	15503	-52		285	14	17843	-44		311	18
08	11366	-48		249	31	13254														
09	11438	-45				13348	-46				16037	-47				18388	-48			
10	11475	-45		245	16	13394	-45		255	16	16096	-46		259	07	18453	-47		264	07
11	11346	-41		263	19	13298	-42		265	13	16021	-45		261	10	18394	-46		267	09
12	11288	-41		291	18	13236	-42		279	09	15979	-44		271	15	18365	-46		279	06
13	11210	-42		301	14	13148	-43		304	14	15860	-46		299	12	18230	-46		286	11
14	11190	-42		328	14	13125	-44		320	13	15838	-46		310	09	18192	-50		303	11
15	11141	-42		315	12	13083	-43		320	11	15803	-45		314	08	18160	-50		293	08
16	11112	-44		332	14	13048	-43		318	09	15758	-46		295	06	18108	-48		325	06
17	11091	-46		332	12	13008	-45		334	09	15701	-47		327	11	18047	-50		297	07
18	11140	-48		308	10	13037	-48		302	10	15700	-50		304	07	18032	-49		304	07
19	11183	-49		296	12	13073	-47		298	14	15736	-50		291	12	18066	-51		278	06
20	11255	-51		307	16	13132	-49		293	17	15785	-50		296	16	18108	-51		292	12
21	11266	-51		300	11	13137	-50		309	14	15775	-51		297	14	18089	-53		298	13
22	11243	-50		303	10	13126	-49		298	16	15773	-51		297	16	18081	-53		305	14
23	11211	-49		283	14	13096	-49		294	20	15737	-53		292	20	18040	-52		292	20
24	11087	-49		302	14	12969	-50		295	25	15609	-51		294	27	17916	-53		293	20
25	11088	-53		329	19	12950	-51		320	19	15588	-50		314	22	17911	-52		317	20
26	11088	-55		316	25	12933	-52		317	18	15543	-53		314	31	17860	-50		313	21
27	11082	-54		327	17	12931	-52		328	19	15554	-52		330	16	17853	-53		317	15
28	11130	-52		342	13	13001	-50		343	12	15640	-51		337	17	17944	-53		338	19
MN	11140	-50		*		13017	-50		*305	08	15652	-51		*301	10	17992	-50		*	

A — *Statistical Value for Relative Humidity*

* — *Vector Mean Wind*

\- — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.
FEBRUARY 1963
STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19804	-36	0	094	03	23492	-30	1	140	14	26347	-29	4	129	05					
02	19776	-34	0	083	10	23380	-32	4	061	10										
03	19766	-37	9	021	18	23305	-36	9	050	18										
04	19723	-43	3	032	16	23212	-40	8	027	21										
05	19774																			
06																				
07	20008	-40	6	321	19	23486	-43	0	332	18	26217	-43	4							
08																				
09	20536	-47	8			23888	-49	2			26550	-50	5							
10	20617	-49	5			23957	-49	2			26598	-52	0			31080	-52	4		
11																				
12	20547	-49	4	269	06	23878	-50	6	290	06	26512	-52	3	290	02	30960	-55	4		
13	20569	-47	3	282	06	23920	-50	7	276	02	26548	-52	2	220	07	31006	-55	5		
14	20386	-48	9	258	10	23710	-52	8	275	07										
15	20368	-50	4	311	11	23689														
16	20257	-53	1	292	07	23552	-54	2	319	04										
17	20303	-52	7	295	13															
18	20172	-54	1	302	04	23437	-56	0	291	07	26003	-58	5							
19																				
20	20222	-53	0	293	10	23481	-57	8	281	08	26033	-58	7	288	08					
21	20271	-54	4	296	14	23522	-56	8	300	14	26092	-57	8	307	11					
22	20220	-55	1	305	13	23471	-55	1	305	13	26049	-57	0	308	15					
23	20234	-55	3	277	17	23490														
24	20146	-54	6	292	28	23399	-57	8	287	34										
25	20073	-53	2	310	21															
26	20135	-54	3	303	17	23378	-58	2	299	20										
27	20014	-53	6	322	22	23255	-59	9	313	16	25794	-60	5							
28	20046	-56	8	333	20	23248	-61	4	334	22	25775	-60	6	326	20	30050	-64	5		
MN	20165	-49	4	*	11	23529	-50	2	*		26210	-52	7	*		30774	-57	0	*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	Surface Synoptic Data $P_0 C_L t_0 C_M C_H$	ww	cppp	Freezing Levels Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Code	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	6071-	44	3 13	0						1	08 24	305	-61	2 298	1	23 45	030	-30	1 661	9	07 59	339	036	26
02	75500	03	8 04	0						2	07 47	344	-60	1 289	7	22 91	032	-32	0 644	9	10 87	199	025	13
03	00900	46	2 07	0						2	07 24	360	-98	8 290	0					1	25 26	028	046	23
04	15500	02	7 20	0						2	08 11	314	-60	0 297	0					1	25 44	022	028	27
05	9-0---	71	6 61	0						1	08 74	283	-58	4 308	0					8	08 50	295	108	29
06	9-0---	39	2 46	0						1	07 98	313	-58	1 300	0					8	01 35	837	219	18
07	60870	02	8 02	0						2	06 98	378	-55	1 288	0					9	24 14	027	331	22
08	855---	38	6 25	0						1	08 83	292	-59	4 304	0					2	00 69	932	154	15
09	00900	01	2 20	0						1	08 57	306	-53	5 308	0					1	04 44	558	260	33
10	855---	02	5 12	0						1	09 20	284	-55	8 312	0					8	08 50	316	258	31
11	45500	10	2 28	0						1	08 36	318	-50	8 309	1	14 81	120	-47	9 413	8	08 30	320	233	32
12	00900	02	1 05	0						1	07 44	356	-54	2 294	0					9	09 98	242	284	20
13	5554-	10	0 00	0						2	06 65	400	-51	9 288	0					9	05 59	469	310	28
14	00900	02	8 01	0						1	07 73	338	-56	6 295	0					9	10 65	216	321	16
15	75500	42	7 29	0						1	07 54	346	-52	5 299	1	12 60	162	-44	2 385	9	07 47	351	333	15
16	15500	10	0 18	0						1	05 98	434	-51	9 281	0					9	02 04	770	003	14
17	8074-	10	7 29	0						1	08 23	311	-55	2 304	1	18 18	069	-52	0 474	9	06 93	382	336	32
18	00900	02	2 12	0						1	07 52	347	-56	4 294	0					9	07 57	345	354	17
19	10850	02	2 10	0						1	07 97	328	-56	9 297	0					5	06 93	386	333	13
20	10770	02	2 14	0						1	07 97	330	-58	0 295	0					9	09 60	255	302	18
21	00900	02	3 04	0						1	08 78	296	-58	5 306	0					9	14 20	128	303	18
22	00900	02	7 09	0						1	08 98	285	-62	6 301	0					1	27 71	019	308	20
23	00905	02	7 15	0						1	08 24	318	-58	8 297	0					9	15 60	105	289	22
24	864---	03	7 20	0						1	07 49	352	-53	0 296	2	22 07	037	-56	9 554	9	23 20	031	286	34
25	00900	44	0 18	0						2	06 50	405	-49	6 291	1	11 55	185	-51	5 359	1	21 46	040	310	29
26	10740	02	7 01	0						1	09 32	265	-60	5 311	1	16 93	082	-52	1 452	9	12 82	194	317	23
27	855---	03	4 00	0						1	08 43	304	-58	8 301	1	20 80	044	-56	2 529	1	25 58	021	312	64
28	00900	02	4 00	0						1	09 06	276	-61	8 305	0					9	28 59	019	321	24
MEAN											07 98	328	-56	7 298		18 14	085	-46	9 497					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19819	-30	0	140	12															
02	19729	-37	1	048	12	23272	-37	6	047	19										
03	19771	-43	2	023	13	23283	-38	3	032	18	26068	-37	9	038	23	30831	-40	1	052	28
04	19713																			
05																				
06	19893																			
07	20119																			
08																				
09	20604	-49	8			23953	-50	6			26609	-51	5							
10	20665	-49	8	259	11	23999	-51	0	305	03	26634	-51	8	164	04					
11	20615																			
12	20597	-48	0	277	10	23943	-51	5	130	02	26568	-52	1	088	02					
13	20444	-49	5	275	09	23773														
14	20397	-49	3	287	09	23728	-51	8	262	06	26343	-54	2	285	08					
15	20342	-52	4																	
16	20291																			
17	20228	-52	8	329	06	23525	-53	8	313	07										
18	20221	-53	0	303	06															
19																				
20	20282	-54	4	298	12	23537	-56	7	300	11										
21	20248	-55	2	300	10															
22	20240	-55	3	290	18	23473														
23	20205	-54	0	287	21															
24	20073	-55	5	298	32															
25	20084	-52	0	321	17	23342	-56	6												
26	20033	-55	7	312	24	23259	-60	4	314	22	25770	-62	4							
27	20007	-55	4	327	30	23225	-61	0	323	15	25729	-63	6	326	21	29970	-64	0		
28	20095	-55	4	341	17	23306														
MN	20189	-50	4	*		23544	-51	8	*		26246	-53	4	*		30401	-52	1	*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	Surface Synoptic Data $P_0 C_L t_0 C_M C_H$	ww	cppp	Freezing Levels Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Code	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	20810	02	2 13	0						1	07 89	322	-61	7 292	0					9	05 20	490	025	18
02	00900	02	3 04	0						2	07 16	364	-59	2 286	0					9	22 62	035	047	20
03	00900	02	7 19	0						1	09 44	254	-59	1 317	1	29 01	013	-40	1 805	9	28 36	014	033	33
04	60750	05	7 23	0						1	09 20	264	-62	7 308	0					8	09 27	262	197	45
05	9-0---	38	2 46	0						1	07 96	334	-55	5 298	0					7	01 55	800	264	22
06	00908	02	2 31	0						2	07 43	348	-57	0 292	1	15 15	103	-97	8 412	8	08 42	297	185	22
07	00900	02	7 09	0						2	07 47	352	-56	6 292	0					8	12 24	167	236	20
08	9-0---	71	7 29	0						1	08 77	299	-51	2 314	0					6	06 70	404	235	68
09	75500	02	2 06	0						1	08 98	291	-54	8 311	0					4	05 30	502	267	32
10	864---	02	6 05	0						1	08 71	304	-53	0 309	1	15 88	103	-48	2 430	9	08 95	295	227	29
11	00900	02	2 03	0						2	07 49	357	-50	3 299	1	13 81	139	-44	0 403	8	07 01	384	276	24
12	55500	03	7 14	0						2	06 69	400	-51	4 288	1	15 58	106	-44	5 434	9	06 58	408	283	28
13	00900	02	4 00	0						1	07 94	326	-53	8 303	0					9	09 81	493	338	20
14	00900	02	8 11	0						1	07 91	328	-55	0 300	0					9	13 76	137	316	15
15	75500	02	6 03	0						1	06 06	430	-50	8 283	2	16 90	085	-48	0 455	8	12 22	170	307	14
16	55500	10	3 02	0						1	07 72	335	-54	1 299	2	19 88	098	-47	2 438	8	08 30	306	350	35
17	00900	02	2 12	0						1	08 22	310	-54	6 306	0					9	06 37	413	355	24
18	00900	02	3 03	0						1	08 02	324	-57	8 298	0					9	06 69	401	001	13
19	00900	02	2 14	0						2	07 43	359	-55	6 292	0					8	07 07	380	335	20
20	00900	02	2 08	0						1	09 08	280	-58	5 309	0					9	11 74	186	314	18
21	00900	02	7 06	0						2	08 71	298	-59	3 302	0					9	08 30	319	342	20
22	00900	02	7 11	0						1	09 02	282	-63	6 301	0					9	19 90	053	289	19
23	00900	02	7 21	0						2	07 79	340	-54	3 298	0					9	21 16	043	287	23
24	874---	71	7 12	0						1	07 84	326	-53	1 301	2	19 47	055	-55	5 498	9	15 20	107	292	33
25	00900	02	3 14	0						1	09 38	261	-58	8 315	0					9	06 64	400	017	30
26	69600	02	0 02	0						1	08 93	280	-58	1 309	2	20 29	048	-56	5 515	9	15 51	104	317	32
27	00900	02	4 00	0						1	09 23	268	-61	4 308	0					9	19 24	056	332	35
28	00900	02	7 05	0						1	08 96	282	-59	6 307	0					9	18 74	062	341	21
MEAN											08 18	319	-56	5 301		18 00	083	-49	1 488					

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction Indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.
MARCH 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1016	-35	60	000	00	0194	-30	49	040	01	0510	-25	50	027	03	0897	-24	48	016	03
02	1011	-36	58			0095	-32	49			0478	-25	61			0860	-22	73		
03	1004	-33	43	120	01	0046	-33	44	132	01	0430	-25	62	230	02	0806	-24	69	165	02
04	1001	-35	26	000	00	0029	-35	26	000	00	0395	-33	39	295	02	0770	-30	94	308	03
05	1008	-42		045	01	0072	-40		039	02	0440	-36	44	023	09	0803	-33	55	028	11
06	1013	-39		330	05	0106	-38	34	330	06	0470	-31	61	333	09	0849	-31	67	343	11
07	1019	-41		000	00	0151	-36	34	290	01	0520	-28	58	295	03	0903	-28	60	298	04
08	1011	-35	59	000	00	0097	-34	58	-		0470	-29	59	-		0849	-27	58	-	
09	1009	-36	59	180	06	0081	-35	52	188	07	0430	-32	42	227	10	0821	-32	52	241	12
10	1007	-46		310	01	0063	-46		311	02	0410	-40		315	08	0780	-37		313	11
11	1017	-43		000	00	0131	-41		296	02	0495	-35	42	300	06	0862	-34	57	307	07
12	1029	-41		000	00	0219	-36		307	05	0580	-31	47	307	06	0963	-29	64	321	06
13	1029	-38		000	00	0223	-29	51	335	03	0595	-28	55	345	05	0979	-27	57	356	05
14	1029	-38		000	00	0217	-33	35	294	05	0580	-28	61	295	07	0971	-27	69	298	05
15	1015	-29	62	235	11	0128	-29	68	240	18	0490	-25	72	252	27	0886	-26	74	263	22
16	1011	-31	60	170	07	0095	-31	65	175	08	0460	-28	76	220	17	0850	-26	77	228	21
17	1003	-32	75	180	13	0042	-32	73	181	14	0400	-32	95	188	16	0790	-27	75	198	12
18	0993	-32	52	170	03	-033					0330	-32	41	149	07	0712	-34	52	147	11
19	1007	-32	47	040	09	0069	-32	47	040	09	0440	-33	55	045	05	0809	-32	63	055	05
20	1023	-31	42	010	01	0180	-31	45	030	04	0535	-30	50	058	07	0929	-29	56	052	08
21	1032	-33	45	000	00	0241	-31	50	053	03	0605	-29	58	058	06	0991	-29	58	061	07
22	1027	-34	39	000	00	0210	-29	55	011	01	0570	-28	61	012	02	0964	-29	61	011	03
23	1024	-34	39	340	04	0186	-32	47	354	06	0560	-29	57	008	08	0937	-29	57	007	08
24	1017	-34	61	330	10	0137	-29	58	331	10	0500	-26	58	338	12	0897	-25	61	347	13
25	1013	-36	59	330	07	0112	-32	59	341	08	0495	-23	64	003	10	0877	-23	74	018	09
26	1014	-36	35	350	05	0117	-33	39	-		0490	-23	56	-		0883	-23	80	-	
27	1002	-31	59	020	06	0033	-31	59	020	07	0395	-35	61	022	09	0769	-36	84	028	09
28	1011	-32	38	280	01	0099	-32	37	250	02	0470	-32	35	148	03	0845	-29	41	115	10
29	1021	-34	41	000	00	0164	-32	43	314	03	0530	-32	45	305	05	0909	-31	40	280	05
30	1011	-31	59	180	05	0097	-32	58	196	06	0470	-33	61	274	10	0838	-32	69	284	10
31	1011	-31	42	000	00	0098	-31	45	297	01	0470	-29	61	299	04	0853	-24	57	322	03
MN	1014	-35	49	*		117	-33	49	*		484	-30	55	*		866	-29	60	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1515	-22	55	010	06	1761	-22	41	003	08	2265	-22	53	360	09	2740	-24	62	006	11
02	1283	-18	56			1735	-20	39			2210	-22	33			2715	-24	30		
03	1222	-24	75	184	03	1664	-24	79	193	03	2140	-25	80	166	04	2630	-28	81	168	06
04	1178	-29	71	324	05	1611	-30	66	340	05	2070	-30	70	348	06	2560	-31	91	003	07
05	1206	-32	60	024	11	1635	-32	58	025	09	2095	-33	57	021	10	2571	-35	55	006	09
06	1255	-30	77	345	13	1686	-31	78	348	14	2150	-33	74	352	14	2623	-35	72	352	13
07	1312	-29	58	310	04	1745	-30	56	325	05	2200	-29	62	325	06	2696	-31	51	325	07
08	1260	-27	67	-		1697	-28	76	-		2160	-28	95	-		2652	-30	1A20	-	
09	1224	-31	62	247	14	1654	-31	68	250	17	2115	-32	65	248	20	2594	-34	54	250	22
10	1175	-36		304	11	1595	-37	5	300	12	2040	-38	8	292	13	2511	-40	1	293	15
11	1263	-33	64	303	08	1689	-34	63	303	09	2150	-35	59	303	10	2620	-36	43	298	11
12	1371	-29	67	334	07	1803	-30	64	342	08	2265	-32	61	339	10	2745	-34	58	345	09
13	1390	-28	57	355	05	1825	-29	58	354	05	2290	-31	60	358	05	2771	-33	62	005	09
14	1381	-28	71	299	07	1815	-29	74	301	08	2275	-31	75	303	06	2761	-33	70	307	08
15	1298	-27	76	274	18	1735	-27	75	279	19	2200	-29	75	285	16	2686	-32	76	293	13
16	1263	-26	77	230	19	1701	-27	77	225	12	2170	-29	77	228	09	2654	-31	76	212	12
17	1200	-28	74	208	09	1633	-30	76	211	10	2095	-31	77	210	12	2578	-32	76	217	14
18	1110	-35	60	144	12	1534	-34	63	144	11	1985	-34	62	139	13	2468	-35	57	142	16
19	1215	-30	68	056	07	1647	-31	70	059	10	2110	-32	73	058	13	2589	-34	71	058	14
20	1337	-29	88	045	10	1770	-30	56	053	12	2230	-31	52	049	12	2716	-33	48	040	12
21	1398	-30	57	066	06	1829	-31	56	055	06	2290	-33	54	033	06	2765	-36	52	033	10
22	1371	-30	69	061	10	1801	-32	61	014	04	2260	-33	61	021	07	2738	-35	61	025	10
23	1345	-29	58	005	09	1778	-30	53	005	07	2230	-32	47	357	07	2719	-34	42	005	10
24	1312	-25	64	350	12	1752	-27	68	001	07	2220	-29	73	360	08	2706	-31	72	357	12
25	1294	-24	75	011	10	1737	-25	69	358	11	2210	-25	33	353	12	2705	-27	2A19	357	12
26	1300	-24	46	-		1742	-24	51	-		2210	-26	59	-		2709	-27	4A 31	-	
27	1172	-28	73	016	10	1619	-18	77	012	10	2110	-17	65	010	09	2619	-18	7 40	022	10
28	1252	-30	77	045	10	1684	-29	95	110	08	2150	-27	95	088	06	2639	-28	2 94	064	08
29	1315	-29	83	280	06	1749	-28	8A19	284	05	2220	-29	0A19	286	05	2702	-30	5A20	311	04
30	1242	-30	73	295	08	1676	-27	1 80	316	10	2150	-24	78	321	14	2646	-23	9 69	326	13
31	1273	-21	95	006	02	1721	-21	8 25	010	05	2195	-23	0 27	020	06	2699	-26	3 30	034	06
MN	1275	-28	62	323	04	1710	-28	61	*		2175	-29	59	*		2662	-31	94	343	05

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1012	-38	7		000	00	0105	-30	6		355	01	0480	-25	4	64	358	04	0869	-23	0	68	349	07
02	1008	-36	1	47	000	00	0073	-33	7	51	000	00	0450	-23	2	69	000	00	0840	-21	6	79	000	00
03	1000	-35	4	60	000	00	0020	-35	4	60	000	00	0390	-30	1	52	247	02	0768	-29	2	62	309	01
04	1005	-43	5		000	00	0054	-41	7		000	00	0400	-36	6		093	05	0783	-33	4	55	084	04
05	1009	-38	9		340	04	0080	-38	4		337	06	0450	-33	1	49	323	10	0820	-31	0	61	333	10
06	1017	-40	6		350	04	0136	-37	7		344	05	0500	-29	3	56	325	09	0884	-29	1	67	333	12
07	1016	-38	7		000	00	0193	-33	6		210	02	0500	-27	6	46	218	06	0890	-26	5	48	250	05
08	1013	-39	7		000	00	0107	-38	4		280	01	0470	-34	2	46	277	08	0844	-31	3	38	268	11
09	1003	-37	2	44	000	00	0039	-36	9	43	000	00	0400	-34	0	42	240	03	0777	-33	0	59	234	05
10	1010	-46	5		000	00	0087	-45	2		000	00	0450	-39	2		284	08	0808	-35	9	43	295	10
11	1024	-46	3		000	00	0183	-39	3	35	272	01	0545	-33	8	52	277	05	0920	-33	0	62	282	06
12	1030	-41	5		000	00	0224	-34	8	39	321	03	0590	-29	0	60	392	05	0975	-27	9	68	340	04
13	1029	-38	8		330	04	0217	-32	7	49	322	05	0610	-28	8	63	328	06	0969	-28	8	69	330	06
14	1023	-33	5	54	240	04	0181	-31	0	58	-		0590	-28	7	61	-		0935	-28	4	61	-	
15	1012	-32	2	65	180	10	0106	-33	0	65	189	10	0460	-27	3	65	208	10	0864	-24	6	65	236	10
16	1008	-31	7	73	180	08	0077	-32	1	73	184	08	0440	-33	7	74	217	11	0820	-29	9	74	233	12
17	0992	-28	4	64	155	16	-041						0330	-30	4	52	160	21	0710	-31	2	62		
18	0999	-36	9	33	340	01	0014						0380	-34	8	46	270	01	0751	-32	9	60	095	01
19	1015	-36	8	58	030	09	0126	-32	6	64	053	09	0490	-32	7	65	079	09	0870	-29	7	67	063	07
20	1029	-33	5	45	360	01	0223	-30	3	48	021	04	0590	-30	8	63	067	08	0974	-28	8	62	057	08
21	1030	-39	8		000	00	0228	-29	1	56	134	02	0600	-28	3	63	114	05	0984	-29	6	69	099	04
22	1024	-36	1	47	340	05	0187	-31	8	53	358	06	0560	-29	0	63	023	08	0940	-28	5	72	030	07
23	1023	-39	5		340	05	0179	-34	4	44	344	07	0550	-29	4	58	343	11	0928	-28	7	62	357	12
24	1013	-36	4	33	350	04	0110	-37	0	36	345	04	0485	-26	8	58	335	11	0868	-24	2	72	347	10
25	1015	-39	6		340	10	0124	-38	8	83	347	10	0490	-24	4	72	002	12	0885	-23	8	78	017	13
26	1009	-38	4		360	05	0079	-37	7		003	06	0450	-24	7	52	017	13	0837	-23	0	86	023	15
27	1014	-32	7	47	025	06	0120	-33	1	50	040	06	0480	-34	8	59	062	04	0856	-36	7	61	060	05
28	1019	-37	2	30	000	00	0150	-34	6	39	354	01	0510	-32	2	46	010	02	0893	-33	7	57	068	04
29	1018	-35	5	37	000	00	0145	-34	1	40	276	02	0500	-33	8	48	276	07	0886	-31	6	49	281	12
30	1009	-35	1	61	000	00	0082	-33	9	59	312	01	0450	-32	5	62	320	05	0825	-31	8	68	347	09
31	1010	-34	1	53	000	00	0088	-32	9	53	257	01	0460	-31	8	58	258	08	0839	-25	5	69	267	08
MN	1014	-37	4	50	*		117	-35	0	52	*		484	-30	7	57	*		865	-29	2	62	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1291	-19	9	35	350	07	1741	-21	2	33	349	09	2230	-23	2	35	347	10	2719	-25	3	30	347	11
02	1263	-20	4	49	308	02	1712	-21	7	26	303	03	2190	-24	4	31	303	02	2685	-27	3	36	251	01
03	1177	-28	8	71	352	01	1611	-29	7	75	074	01	2070	-30	7	78	076	01	2559	-32	4	77	051	09
04	1187	-30	6	64	077	04	1620	-29	3	67	067	05	2090	-30	7	69	049	06	2568	-32	3	66	028	06
05	1225	-31	2	68	337	09	1655	-32	7	73	333	10	2110	-34	9	75	335	10	2587	-36	8	77	342	11
06	1292	-30	3	74	341	13	1723	-31	1	79	341	12	2190	-32	3	79	340	17	2664	-34	0	77	342	11
07	1302	-26	9	60	225	06	1742	-25	0	45	225	07	2215	-27	0	47	226	07	2704	-29	2	51	231	08
08	1251	-29	6	68	265	09	1685	-29	2	58	271	09	2140	-30	1	63	274	12	2635	-32	1	66	271	15
09	1180	-32	6	60	242	08	1607	-33	8	54	246	11	2060	-35	0	48	248	14	2538	-36	3	42	249	20
10	1206	-34	5	56	300	11	1631	-34	5	61	302	11	2080	-35	3	60	300	13	2561	-36	4	58	296	19
11	1323	-31	8	61	280	06	1752	-32	6	52	281	05	2210	-33	8	42	288	06	2687	-35	4	36	309	07
12	1386	-28	2	71	347	05	1821	-29	2	73	355	06	2280	-31	5	72	354	06	2765	-33	9	72	355	07
13	1378	-29	0	73	332	05	1811	-30	0	74	331	06	2275	-31	1	75	324	06	2756	-33	7	74	328	06
14	1345	-28	1	61	-		1782	-27	9	61	-		2240	-30	4	59	-		2731	-33	1	56	-	
15	1278	-26	0	70	243	09	1717	-27	4	75	244	08	2190	-28	3	75	242	09	2673	-31	4	75	242	09
16	1228	-28	7	79	246	09	1662	-30	1	71	244	08	2130	-31	7	62	240	09	2605	-34	2	56	234	11
17	1118	-29	2	69			1551	-29	6	70			2010	-29	7	71			2501	-32	4	71		
18	1152	-34	3	65	084	08	1576	-34	9	67	090	11	2040	-34	7	67	086	10	2508	-35	3	65	081	09
19	1278	-29	9	68	059	11	1710	-30	7	68	059	12	2180	-32	0	67	058	13	2652	-33	7	64	056	12
20	1382	-29	7	58	043	09	1815	-30	7	54	043	09	2270	-32	4	52	033	10	2756	-34	7	52	026	13
21	1391	-30	7	65	095	04	1821	-32	6	62	059	04	2280	-34	6	61	049	05	2755	-35	6	60	029	06
22	1349	-29	6	70	030	06	1782	-31	0	68	022	06	2240	-33	0	65	018	07	2721	-35	3	61	012	10
23	1337	-28	9	66	003	08	1770	-30	0	70	004	09	2235	-31	2	74	355	11	2717	-32	4	79	001	11
24	1285	-24	2	74	351	10	1728	-25	4	71	356	08	2200	-27	3	64	353	09	2689	-29	4	57	007	11
25	1301	-25	4	80	023	12	1742	-25	5	68	013	12	2225	-25	4	42	002	14	2711	-25	9	A19	359	14
26	1256	-22	7	45	024	14	1700	-23	6	30	020	14	2170	-25	8	40	019	12	2667	-26	9	39	018	10
27	1258	-29	7	70	077	05	1698	-23	0	79	076	06	2190	-19	5		058	07	2683	-20	2		043	07
28	1297	-29	7	32	118	05	1730	-29	2	A20	135	06	2204	-29	4	A20	132	06	2683	-29	5	A20	109	07
29	1292	-31	1	44	289	12	1724	-30	0	52	306	08	2190	-28	6	51	319	08	2681	-28	0	38	329	10
30	1232	-28	0	75	002	07	1672	-25	3	71	010	09	2130	-27	2	45	018	10	2634	-29	0	37	016	11
31	1260	-20	1	80	284	08	1711	-20	0	82	307	10	2190	-22	0	71	312	10	2694	-23	6	A18	312	08
MN	1274	-28	4	64	344	03	1710	-28	6	62	*		2176	-29	8	59	*		2661	-31	5	94	342	05

A — *Statistical Value for Relative Humidity*

* — *Vector Mean Wind*

\- — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.
MARCH 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3852	-29	62	002	11	5194	-37	50	342	08	6646	-47	6	342	13	8500	-57	6	334	08
02	3822	-31	66			5091	-38	72			6591	-49	4			8432	-56	5		
03	3724	-32	80	154	05	4983	-41	4	140	08	6471	-49	5	146	09	8333	-52	6	198	01
04	3639	-36	67	012	07	4888	-43	2	007	10	6373	-48	0	353	13	8256	-48	3	338	09
05	3632	-40	8	006	10	4858	-46	0	356	10	6335	-48	8	351	05	8221	-48	2	309	06
06	3688	-39	77	355	17	4919	-46	5	352	22	6385	-50	4	350	15	8269	-48	3	332	10
07	3779	-36	39	330	11	5027	-42	9	326	13	6506	-51	0	325	15	8356	-53	9	318	10
08	3740	-34	A21	-		5000	-41	3	-		6484	-51	1	-		8347	-50	6	-	
09	3662	-38	34	257	31	4899	-45	0	270	30	6378	-48	6	-		8269	-48	4	-	
10	3558	-41	0	283	24	4803	-40	2	279	26	6313	-44	2	269	25	8241	-44	3	269	19
11	3685	-39	36	292	19	4915	-46	2	288	22	6373	-52	5	288	25	8237	-49	3	275	13
12	3808	-40	4	352	09	5033	-47	3	351	12	6483	-55	5	344	10	8318	-53	5	320	11
13	3839	-39	65	008	08	5066	-47	2	016	08	6511	-56	6	008	08	8314	-59	0	002	07
14	3830	-39	63	307	07	5060	-46	9	313	07	6511	-55	4	301	07	8318	-59	9	298	04
15	3756	-38	73	290	21	4988	-47	0	308	14	6427	-59	0	281	09	8220	-58	8	291	06
16	3730	-37	75	220	15	4968	-45	6	229	14	6424	-55	6	230	09	8231	-60	1	250	10
17	3654	-38	71	238	12	4884	-47	5	240	14	6325	-57	2	247	13	8139	-56	6	252	12
18	3529	-41	2	142	13	4751	-46	4	141	16	6217	-51	5	143	16	8070	-51	7	195	07
19	3652	-40	7	061	17	4870	-49	0	057	18	6317	-54	5	049	14	8150	-55	9	015	12
20	3790	-38	37	026	17	5023	-46	8	026	20	6468	-56	1	025	20	8281	-57	5	008	17
21	3827	-40	5	028	13	5057	-45	5	020	15	6517	-54	0	027	18	8336	-58	7	005	15
22	3802	-39	7	015	11	5035	-45	0	007	15	6502	-53	0	004	14	8332	-56	8	353	15
23	3789	-38	A22	007	10	5025	-45	0	358	17	6491	-52	2	345	22	8335	-54	1	328	18
24	3790	-35	37	009	08	5039	-43	3	004	05	6510	-53	1	010	07	8344	-54	1	332	09
25	3805	-32	A20	014	12	5069	-40	A22	025	05	6560	-49	8	043	09	8412	-55	6	103	10
26	3820	-28	A19	-		5107	-36	A21	008	07	6620	-45	3	005	07	8485	-58	4	004	09
27	3754	-25	50	023	13	5054	-34	56	041	14	6581	-45	7	041	14	8439	-57	4	043	13
28	3747	-28	90	035	16	5031	-36	A21	020	18	6545	-45	2	021	21	8413	-56	1	356	12
29	3789	-35	A21	358	07	5061	-42	5	020	12	6515	-52	5	026	17	8355	-53	4	023	15
30	3785	-31	60	325	16	5025	-39	50	334	14	6515	-50	2	327	21	8365	-53	9	338	19
31	3797	-33	38	052	06	5051	-41	9	094	06	6535	-50	0	116	09	8377	-54	8	044	05
MN	3743	-36	49	*		4990	-43	42	345	07	6465	-51	4	*	08	8313	-54	9	337	07

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11084	-51	2	340	09	12955	-51	3	350	12	15586	-52	2	341	13	17884	-54	3	343	15
02	11060	-48	1			12948					15591					17904	-52	4		
03	10994	-46	9	318	06	12898	-47	4	323	11	15565	-50	2	341	14	17882	-52	5	356	15
04	10955	-45	9	313	10	12870	-46	1	311	10	15549	-49	1	318	10	17879	-51	6	322	11
05	10923	-45	8	295	07	12831	-47	6	302	07	15502	-48	6	303	08	17832	-51	8	327	07
06	10958	-46	1	322	10	12871	-46	9	317	10	15542	-49	9	311	10	17863	-52	5	322	08
07	11002	-48	0	293	06	12897	-49	0	297	09	15539	-52	3	293	07	17840	-53	7	328	05
08	11023	-46	7	172	04	12931	-47	3	330	13	15597	-50	1	239	05	17915	-52	6	279	04
09	10946	-47	1	-		12852	-46	1	279	13	15522	-49	6	288	05	17837	-51	7	011	03
10	10954	-45	4	271	17	12863	-48	3	272	09	15545	-50	7	278	08	17871	-50	9	306	07
11	10912	-47	2	271	09	12813	-47	8	282	11	15476	-49	0	296	07	17804	-50	3	338	05
12	10970	-48	2	297	05	12868	-47	7	283	07	15539	-48	9	300	08	17874	-51	0	310	05
13	10930	-49	5	280	06	12816	-49	1	277	06	15479	-48	8	280	07					
14	10909	-50	8	285	07	12784	-50	5	268	06	15435	-49	6	250	11	17777	-47	5	249	14
15	10802	-55	4	291	07	12642	-55	0	268	06	15223	-56	8							
16	10807	-54	5	267	07	12640	-56	8	322	05										
17	10735	-54	5	258	08	12570	-56	0												
18	10691	-53	9	000	00	12527	-56	2	276	07	15083	-59	8	272	10	17309	-59	7	282	10
19	10752	-55	0	323	07	12579	-57	8	312	11	15115	-59	9	288	16	17337	-60	8	282	18
20	10863	-54	9	342	12	12695	-56	9	342	13	15246	-59	9	305	14	17462	-61	6	282	14
21	10921			326	10	12754			333	13	15311	-59	8	309	17	17535	-60	8	307	17
22	10948	-52	0	323	10	12810	-52	5	311	15	15419	-55	4	301	13	17678	-57	6	305	17
23	10976	-49	7	312	13	12850	-52	1	282	07	15476	-53	8	297	11	17762	-55	1	293	12
24	10985	-48	8	306	07	12869	-51	0	317	12	15500	-52	5	300	09	17799	-54	0	293	10
25	11041	-49	9	343	08	12925	-49	7	329	09	15570	-51	4	339	11					
26	11067	-52	7	346	11	12931	-51	6	333	09	15553	-53	1							
27	11030	-52	6	030	08	12894	-51	2	014	07	15519	-53	7	009	09	17803	-55	4	002	05
28	11040	-51	3	016	07	12912	-52	0	014	08	15534	-53	7	007	07	17810	-56	8	331	06
29	11004	-49	0	006	09	12883	-52	6	357	08	15493	-54	2	333	07	17773	-55	8	338	06
30	11010	-50	0	344	11	12886	-50	9	360	04	15513	-52	4	335	12					
31	11013	-50	1	335	11	12886	-50	6	347	07	15517	-53	2	321	10	17804	-54	5	241	11
MN	10945	-50	0	*	07	12821	-51	0	*	08	15467	-52	8	*	09	17760	-54	4	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3826	-31	A20	335	13	5100	-38	A22	339	13	6600	-48	8	335	13	8439	-59	2	327	10
02	3783	-32	68	291	05	5043	-41	1	287	05	6530	-50	4	275	08	8368	-55	9	292	06
03	3637	-36	54	097	08	4889	-42	2	105	08	6382	-48	0	077	12	8265	-48	9	014	03
04	3645	-37	45	353	08	4881	-44	6	314	09	6357	-49	5	315	16	8233	-49	6	311	11
05	3649	-41	3	353	14	4867	-46	5	344	18	6335	-49	7	337	15	8226	-48	0	324	11
06	3734	-38	70	340	12	4966	-46	1	349	14	6425	-52	7	345	19	8281	-51	8	330	14
07	3794	-33	90	228	07	5096	-40	9	243	11	6540	-51	1	236	10	8389	-53	8	239	09
08	3711	-37	49	274	16	4954	-43	9	271	19	6423	-52	9	271	26	8287	-50	0	268	17
09	3600	-39	0	A22	251	29	4845	-41	7	256	40	6341	-46	9	-		8243	-46	9	-
10	3623	-39	3		297	30	4896	-44	9	290	30	6327	-50	1	285	27	8213	-46	4	278	19
11	3747	-41	3		315	11	4966	-48	1	307	12	6416	-52	8	299	18	8272	-51	2	288	13
12	3832	-39	3	70	009	08	5058	-47	3	011	08	6507	-55	5	027	09	8311	-58	7	007	08
13	3823	-39	6	72	328	07	5052	-45	8	343	05	6502	-55	8	357	07	8305	-60	2	341	08
14	3801	-38	7	57	-		5032	-46	8	-		6483	-55	0	314	09	8274	-61	9	315	06
15	3747	-38	6	73	258	09	4979	-45	4	276	08	6431	-56	3	312	05	8229	-61	8	325	08
16	3668	-40	7		227	14	4890	-47	3	226	13	6339	-55	3	229	16	8157	-58	4	241	09
17	3573	-38	7	68			4804	-46	3			6256	-55	4			8090	-55	2		
18	3568	-41	4		087	12	4786	-48	4	084	13	6235	-53	1	072	11	8081	-53	0	049	08
19	3722	-38	9	56	050	16	4947	-48	5	050	22	6386	-56	2	043	20	8207	-57	0	022	13
20	3820	-39	9	50	020	17	5044	-48	0	010	17	6485	-55	7	011	16	8303	-56	5	005	17
21	3816	-39	6	59	028	09	5049	-45	4	019	10	6510	-53	5	012	12	8330	-58	9	009	09
22	3783	-40	1		017	12	5015	-44	7	005	18	6485	-52	1	355	19	8324	-54	4	335	14
23	3791	-38	4	58	004	12	5023	-46	3	351	12	6481	-53	4	339	16	8314	-55	9	327	14
24	3773	-35	9	46	014	08	5023	-42	7	029	02	6495	-53	3	053	05	8319	-56	0	003	05
25	3821	-30	5	A20	005	13	5095	-38	3	41	008	10	6602	-46	9	029	09	8473	-57	9	026	09
26	3780	-26	4	A19	028	07	5073	-35	0	43	044	06	6594	-46	9	087	05	8450	-58	0	042	09
27	3812	-26	7	48	036	10	5106	-35	1	47	036	14	6618	-47	7	041	16	8470	-56	5	042	13
28	3773	-33	8	A21	057	09	5031	-41	7		046	10	6512	-51	9	041	13	8372	-51	2	028	12
29	3779	-32	4	70	344	13	5041	-41	0		358	16	6529	-51	6	358	19	8355	-56	2	354	18
30	3724	-35	7	A21	001	12	4971	-42	5		351	14	6457	-49	4	354	17	8333	-50	2	002	11
31	3802	-32	1	A20	332	06	5062	-41	7		322	06	6545	-50	8	279	04	8388	-54	6	329	10
MN	3741	-36	6	48	*		4984	-43	8	38	336	08	6456	-51	9	*	08	8300	-54	7	*	08

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11040	-50	4	337	10	12921	-50	5	343	08	15550	-53	5	346	13	17848	-53	9	353	16
02	11000	-48	6	328	05	12890	-49	3	327	09	15533	-52	2	347	12	17840	-52	9	349	17
03	10958	-44	9	304	07	12876	-46	3	324	10	15540	-49	9	325	11	17866	-51	8	339	15
04	10913	-46	0	295	10	12819	-47	9	290	06	15486	-49	4	298	07	17808	-52	6	317	08
05	10918	-45	6	310	12	12825	-48	1	305	09	15487	-49	7	312	09	17814	-53	0	306	04
06	10944	-47	7	313	07	12843	-47	7	318	10	15497	-51	0	315	12	17793	-53	6	315	11
07	11043	-47	7	263	06	12949	-46	9	270	04	15612	-51	0	296	04	17916	-53	6	298	03
08	10961	-46	0	281	09	12865	-47	3	280	04	15533	-48	9	282	08	17854	-53	2	289	05
09	10936	-46	9	-		12837	-46	8	291	08	15514	-50	2	300	07	17826	-53	5	298	08
10	10910	-48	7	260	09	12809	-48	5	279	09	15466	-48	7	295	05	17786	-52	5	317	05
11	10930	-48	2	288	08	12825	-48	3	290	08	15489	-49	5	296	07	17809	-52	7	324	07
12	10925	-49	7	315	05	12810	-49	8	287	05	15462	-48	8	298	07	17799	-50	1	316	09
13	10905	-52	2	288	05	12781	-50	3	293	06	15432	-49	4	268	08	17772	-49	5	277	10
14	10846	-53	1	293	06	12700	-53	2	263	08	15310									
15	10790	-55	9	304	07	12621	-56	6	292	06										
16	10737	-55	1	266	06	12560	-57	9	302	08	15108									
17	10703	-54	0			12535														
18	10682	-55	3	337	07	12511	-57	0	314	09	15051	-61	1	284	13	17265	-61	4	283	15
19	10790	-56	4	320	09	12612	-58	0	317	14	15130	-61	2	298	14	17363	-61	4	282	14
20	10890	-55	2	348	12	12715	-57	7	333	16	15254	-61	1	314	13	17456	-63	2	302	15
21	10915	-54	2	328	11	12757	-55	1	321	14	15337	-57	9	310	15	17568	-61	3	311	19
22	10952	-50	9	321	13	12823	-52	6	312	12	15432	-54	4	299	13					
23	10927	-51	2	313	10	12795	-52	4	315	09	15404	-54	7	300	10	17677	-56	7	283	12
24	10962	-50	4	321	09	12813	-51	8	326	07										
25	11056	-52	4	351	12	12920	-52	3	335	10	15540	-53	0	329	14					
26	11059	-51	4	001	09	12920	-52	6	360	05	15539	-54	0	358	05	17814	-56	9	322	04
27	11073	-52	4	024	08	12927	-53	6	028	08	15530	-54	3	351	07	17794	-58	5	345	04
28	11090	-48	6	019	10	12906	-51	5	010	09	15526	-53	8	006	06	17807	-55	9	358	07
29	10984	-50	2	347	11	12854	-52	0	360	06	15467	-54	1	334	05	17748	-56	3	339	09
30	10993	-49	5	347	07	12868	-51	7	339	06	15490	-53	9	336	08	17786	-54	5	351	09
31	11015	-50	6	338	12	12885	-50	4	333	10	15524	-52	1	338	12	17823	-54	2	343	11
MN	10928	-50	6	*	07	12799	-51	5	*	08	15438	-53	0	*	08	17743	-55	1	*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.
MARCH 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	30 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	20 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	10 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20032	-56 2		346	17															
02	20065	-55 8				23296														
03	20048	-54 3		355	18	23300	-57 7		008	14										
04	20043																			
05	20000	-55 0		312	07	23242	-58 2		331	05	25779	-60 7		012	04					
06	20026	-54 9		330	06	23272	-57 9		129	03										
07	19988	-56 4		326	03	23211	-59 1		003	03										
08	20080	-53 9		263	04	23326														
09	20003	-54 2		268	07															
10	20041	-54 5		306	08	23297	-56 8		325	08	25847	-61 5		336	12					
11																				
12	20061	-50 8		328	10	23344														
13																				
14	19992	-49 5		257	14	23314	-52 9		260	18										
15																				
16																				
17																				
18	19417	-59 0		277	13	22636														
19	19434	-60 8		276	16	22629	-59 0		259	21	25177	-58 4								
20	19550	-61 9		273	12															
21	19625	-61 7		297	18	22787	-61 2		293	15	25312	-60 0								
22	19800	-59 0		308	25	22980	-61 6		305	25										
23	19900	-56 0		288	17	23116														
24	19951	-55 7		293	11	23179	-58 7		285	13	25709	-61 6		279	10					
25																				
26																				
27	19937	-57 8		315	10	23142	-60 8		339	07										
28	19939	-57 9		352	07	23144	-59 1		357	08										
29	19910	-57 0		342	05															
30																				
31	19952	-56 7		332	12	23172	-59 7		336	15	25711	-59 3		331	14					
MN	19904	-56 3		306	10	23133	-58 7				25589	-60 3								

SPECIAL AEROLOGICAL DATA 00 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Pres mb.	Highest Alt. gpkm.	Pres mb.	Code	Tropopause (1) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Tropopause (2) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Max. Wind Level Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	7 11	0					1	09 08	273	-59 6	309	0					9	19 68	053	344	19
02	10744	01	4 00	0					1	07 79	332	-57 3	296	0					0				
03	30814	71	7 10	0					1	07 07	366	-52 8	294	0					9	20 00	051	354	18
04	10776	71	2 06	0					1	07 52	335	-51 2	304	0					8	05 87	432	003	14
05	00901	02	2 07	0					1	05 80	433	-48 2	286	1	17 20	077	-52 0	459	9	00 98	878	030	12
06	00904	10	2 18	0					2	05 30	472	-48 8	278	0					9	04 85	505	352	22
07	00900	02	0 04	0					2	07 16	361	-53 7	293	0					9	06 81	381	324	16
08	00900	01	7 06	0					1	07 17	360	-53 5	294	0					9	12 94	149	337	14
09	20749	02	7 12	0					1	06 71	380	-49 2	295	0					9	03 21	640	255	32
10	00900	10	2 20	0					2	06 31	400	-44 2	298	1	17 00	080	-52 0	455	9	05 13	475	274	29
11	00900	02	2 21	0					2	06 37	400	-52 5	287	0					8	06 22	408	288	25
12	00908	02	2 09	0					2	06 48	400	-55 5	283	0					9	07 30	351	345	16
13	00900	02	8 02	0					1	07 65	334	-60 2	291	0					8	05 93	438	006	10
14	00900	10	7 03	0					1	07 96	317	-61 4	294	0					1	24 82	024	262	22
15	862--	44	7 17	0					1	07 81	320	-62 1	292	0					7	00 36	968	250	28
16	864--	44	5 02	0					1	07 21	352	-60 5	287	0					7	01 02	879	229	22
17	9-0--	47	7 18	0					2	06 33	400	-57 2	281	0					6	00 44	946	190	16
18	10770	01	2 24	0					1	07 73	315	-55 1	303	0					1	21 70	035	268	20
19	00900	02	2 18	0					2	06 32	400	-54 5	284	0					9	23 56	026	253	22
20	00900	02	2 16	0					1	07 07	364	-59 0	286	0					9	05 30	479	029	24
21	00900	02	3 03	0					1	07 98	318	-59 9	295	0					9	08 00	316	024	19
22	00900	02	7 11	0					1	07 98	316	-58 0	299	0					9	23 00	030	306	26
23	00900	02	4 00	0					1	07 49	343	-55 9	295	0					9	06 30	411	346	22
24	20810	01	7 21	0					1	07 54	339	-57 9	293	0					9	23 47	029	283	14
25	00900	44	8 02	0					2	07 09	369	-55 5	292	0					8	07 90	325	108	14
26	00900	10	7 08	0					1	08 81	284	-59 9	306	1	15 04	108	-54 0	414	7	10 63	213	353	12
27	65500	10	4 00	0					1	08 90	278	-58 4	309	0					9	07 65	340	038	16
28	00900	02	2 23	0					1	08 28	306	-56 7	304	0					9	07 60	340	028	33
29	00900	02	8 03	0					1	07 41	347	-56 7	293	2	12 66	155	-52 5	376	9	07 27	355	021	18
30	25550	01	7 14	0					1	07 82	326	-56 7	298	0					8	07 50	343	334	23
31	00901	02	2 06	0					1	07 70	333	-57 1	296	0					9	23 05	031	335	15
MEAN										07 35	351	-55 7	294		15 48	105	-52 6	426					

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	30 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	20 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	10 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20000	-55 9		351	18	23219	-60 7		356	14	25733	-62 1		349	13					
02	19998	-55 6		011	17	23218														
03	20035	-54 7		358	14	23270	-59 1													
04	19968	-55 5		345	06															
05	19972	-56 3		320	08	23197	-58 0		006	05										
06	19937	-56 9		305	09	23153	-60 7		101	04	25666	-62 6								
07	20070																			
08	20005	-56 0		290	06	23231	-58 9													
09	19982	-55 1		321	04															
10	19948	-54 9		352	05	23184														
11	19974	-54 8		328	10															
12	19998	-50 0		320	08	23287	-57 7		332	09										
13	19973	-50 4		278	11															
14																				
15																				
16																				
17																				
18	19351																			
19	19438	-63 6		268	15	22591	-61 7		257	17	25104	-62 1		249	17					
20	19520	-64 1		297	16	22664														
21	19649	-63 0		312	25	22798	-63 0		312	23										
22																				
23	19803	-58 9		286	10	22991	-60 8		283	11	25495	-65 3		284	09					
24																				
25																				
26	19939	-58 8		323	06	23114														
27	19904	-59 9		344	08	23079	-61 5													
28	19940	-57 9		358	06	23139	-60 4		351	12	25661	-61 8								
29	19881	-57 5		336	06	23058														
30	19931	-56 8		323	10	23134														
31	19973	-56 1		341	13	23200	-58 3		344	13										
MN	19883	-56 9		323	09	23085	-60 1				25532	-62 7								

SPECIAL AEROLOGICAL DATA 12 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Code	Freezing Levels Lowest Alt. gpkm.	Pres mb.	Highest Alt. gpkm.	Pres mb.	Code	Tropopause (1) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Tropopause (2) Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Max. Wind Level Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	7 08	0					1	08 36	302	-59 6	301	0					9	19 12	057	355	19
02	00904	02	8 12	0					1	07 81	326	-57 9	296	0					9	21 45	040	393	23
03	30832	71	7 05	0					1	07 30	348	-51 0	300	0					9	18 28	066	345	16
04	00900	02	3 04	0					1	07 33	345	-51 9	300	0					9	05 88	431	317	18
05	60870	02	1 06	0					1	05 78	436	-50 0	283	1	19 59	053	-56 5	501	9	05 31	467	337	19
06	10770	02	2 12	0					2	06 43	400	-52 7	287	2	14 43	118	-51 0	409	9	06 64	386	339	20
07	60750	02	7 16	0					1	07 74	332	-55 7	298	0					8	07 28	357	238	12
08	10770	02	0 01	0					1	06 42	400	-52 9	286	0					9	06 48	396	270	27
09	00900	02	7 09	0					2	06 34	400	-46 9	294	0					9	04 91	495	257	42
10	00900	10	3 08	0					1	06 92	365	-51 4	296	1	10 91	200	-48 7	356	9	03 82	581	293	35
11	00900	02	1 16	0					1	06 93	370	-54 0	292	1	19 23	056	-55 2	496	9	06 12	418	300	18
12	00901	02	0 00	0					2	07 49	342	-60 6	289	0					9	07 50	341	021	11
13	10840	02	3 02	0					2	07 54	340	-60 7	289	0					9	17 50	073	274	11
14	30850	02	7 21	0					1	07 88	320	-63 6	291	0					7	13 30	136	260	09
15	9-0--	71	8 10	0					1	07 80	321	-62 3	292	0					7	04 45	541	267	11
16	35600	38	0 00	0					2	07 19	350	-57 9	291	0					7	06 03	420	227	16
17	9-0--	38	7 26	0					1	06 84	365	-57 7	287	0					2	00 38	943	161	22
18	10830	02	1 17	0					2	06 24	400	-53 1	286	0					8	16 34	081	281	15
19	10840	02	2 18	0					1	06 95	367	-58 4	286	0					9	04 89	505	049	22
20	00900	02	1 09	0					1	07 19	358	-59 0	287	0					9	05 50	465	010	19
21	00900	02	8 04	0					1	08 00	317	-60 2	295	0					9	21 24	039	303	28
22	00900	02	8 05	0					1	07 54	340	-56 5	295	0					8	06 17	421	353	22
23	20850	03	8 13	0					2	06 84	379	-55 1	288	0					9	07 19	358	335	19
24	20770	10	7 08	0					1	07 39	347	-58 5	291	0					7	11 98	171	319	12
25	60770	46	3 02	0					1	08 83	283	-60 4	305	0					8	03 03	670	001	15
26	15500	10	8 17	0					1	08 52	296	-58 1	305	0					9	00 70	918	022	15
27	855--	10	1 11	0					2	08 10	318	-56 5	301	0					9	06 66	398	041	17
28	00900	02	2 17	0					1	07 14	362	-53 6	294	1	12 03	172	-51 7	366	9	07 12	362	037	15
29	20840	02	5 13	0					1	07 60	339	-58 0	293	0					9	07 28	356	357	24
30	25600	02	0 01	0					1	07 25	354	-51 1	299	0					9	05 97	431	350	19
31	855--	10	7 13	0					2	07 34	352	-55 5	293	0					9	18 74	061	343	16
MEAN										07 32	351	-56 2	293		15 24	120	-52 6	426					

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1006	-26	61	280	04	0060	-27	61	280	04	0430	-30	65	290	07	0817	-20	72	297	07
02	1007	-30	53	300	07	0067	-31	57	305	08	0435	-29	67	294	09	0816	-28	72	335	11
03	1009	-31	42	000	00	0082	-31	44	315	01	0450	-29	55	314	06	0826	-27	64	332	08
04	1002	-33	45	330	02	0033	-33	45	329	03	0395	-33	51	320	05	0776	-30	63	316	08
05	1006	-37	44	330	09	0064	-37	47	334	09	0430	-37	59	358	12	0791	-36	62	005	13
06	1009	-31	44	170	03	0086	-31	47	186	04	0450	-34	58	237	08	0824	-35	61	249	10
07	1004	-25	61	190	11	0046	-25	61	191	11	0430	-28	58	205	16	0808	-22	67	235	17
08	1018	-25	63	280	01	0150	-24	65	216	02	0530	-19	71	178	04	0933	-14	81	225	09
09	1016	-11	82	180	09	0141	-12	75	-		0540	-10	76	-		0955	-06	65	-	
10	1011	-12	56	170	15	0106	-12	91	-		0500	-10	39	-		0916	-06	30	-	
11	1015	-12	83	170	05	0130	-12	81	-		0530	-11	82	-		0940	-06	55	-	
12	1017	-13		190	09	0149			193	07	0550	-11	78	203	06	0960	-06	75	234	11
13	1023	-15	69	060	02	0191			063	04	0580	-08	73	100	09	1004	-09	66	146	11
14	1014	-11	50	000	00	0127	-11	57	155	01	0520	-11	78	149	07	0935	-11	74	152	15
15	1022	-14	67	190	03	0188	-13	72	225	05	0590	-10	76	256	07	0996	-11	72	261	06
16	1030	-18	65	000	00	0245	-12	68	000	00	0640	-07	73	000	00	1063	-07	63	336	01
17	1026	-19	70	170	03	0215	-10	77	163	06	0610	-10	86	160	10	1031	-05	46	157	11
18	1021	-14	61	000	00	0181	-11	50	-		0590	-09	50	-		0999	-07	40	-	
19	1028	-11	80	170	05	0291	-10	71	180	11	0630	-04	36	200	15	1055	-05	27	207	10
20	1025	-12	85	180	04	0211	-11	81	211	04	0620	-11	86	241	08	1019	-10	92	237	12
21	1019	-13	76	250	04	0160	-14	74	253	05	0540	-14	73	263	06	0957	-15	75	246	04
22	1020	-19	60	310	03	0164	-21	67	313	04	0560	-19	75	316	04	0947	-16	74	298	04
23	1019	-20	66	040	02	0160	-22	68	053	04	0540	-18	68	079	09	0941	-19	61	079	07
24	1015	-18	65	070	11	0127	-18	75	078	10	0520	-15	66	109	07	0923	-15	62	138	06
25	1015	-17	76	050	09	0132	-19	69	053	08	0520	-15	69	079	08	0925	-13	48	112	08
26	1020	-15	58	000	00	0168	-16	56	332	02	0560	-13	37	350	05	0966	-14	28	326	03
27	1023	-17	72	340	07	0192	-18	64	340	06	0570	-14	45	340	07	0985	-14	51	347	08
28	1027	-14	69	340	08	0222	-16	78	341	07	0620	-10	70	349	08	1030	-07	35	342	11
29	1034	-14	69	060	02	0275	-14	58	098	03	0660	-13	43	056	04	1077	-12	35	052	07
30	1033	-13	68	020	01	0266	-16	52	058	01	0670	-13	44	090	02	1068	-11	50	063	04
MN	1018	-19	64	*		152	-19	63	*		540	-16	64	*		943	-15	59	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1240	-19	82	317	11	1690	-20	84	320	13	2170	-22	88	308	13	2669	-24	81	327	10
02	1229	-25	75	333	15	1669	-26	79	332	17	2140	-24	78	318	20	2639	-26	76	326	22
03	1239	-27	71	333	11	1677	-26	73	338	15	2150	-28	73	338	15	2635	-29	74	335	19
04	1182	-30	70	310	12	1613	-32	76	310	14	2080	-29	57	313	18	2565	-28	36	312	25
05	1187	-37	63	360	15	1605	-38	64	356	17	2060	-38	64	350	20	2522	-39	60	346	21
06	1221	-37	65	261	09	1642	-37	65	285	08	2090	-37	67	296	11	2563	-37	68	306	15
07	1227	-23	72	267	15	1669	-26	76	290	09	2140	-27	80	267	17	2630	-27	80	268	22
08	1367	-12	87	266	10	1830	-13	89	265	14	2325	-15	86	270	15	2838	-18	82	276	12
09	1401	-06	96	-		1874	-08	32	-		2370	-11	41	213	18	2897	-13	25	216	17
10	1364	-06	20	-		1839	-06	A15	-		2335	-09	A15	-		2872	-11	A16	-	
11	1387	-05	A15	-		1864	-06	A15	-		2360	-08	A15	-		2898	-10	52	-	
12	1405	-09	83	257	18	1880	-06	32	279	15	2380	-09	30	244	12	2912	-12	28	238	14
13	1445	-07	44	136	11	1918	-08	31	148	08	2420	-11	28	146	11	2940	-14	25	156	11
14	1372	-12	70	158	15	1895	-12	65	148	17	2330	-15	67	139	17	2843	-18	70	135	18
15	1433	-13	69	267	03	1895	-11	71	264	05	2400	-11	65	254	08	2918	-12	16	245	11
16	1510	-05	28	341	03	1987	-06	A15	337	05	2490	-09	A15	320	04	3019	-12	A16	298	04
17	1481	-04	A14	151	10	1958	-06	A15	152	10	2450	-09	A15	153	12	2990	-12	A16	192	11
18	1445	-07	30	-		1917	-08	A15	-		2430	-10	A15	-		2945	-14	A16	-	
19	1503	-05	A15	202	11	1978	-07	A15	211	15	2480	-10	A15	216	14	3004	-13	A16	219	18
20	1458	-11	93	224	10	1926	-12	71	222	08	2430	-13	55	223	08	2939	-17	32	229	10
21	1387	-16	78	249	07	1843	-17	76	253	07	2320	-19	77	251	05	2835	-22	79	257	09
22	1377	-16	69	322	05	1834	-17	63	347	02	2310	-20	57	308	04	2824	-21	29	291	06
23	1366	-20	49	055	06	1815	-21	38	035	07	2295	-22	A18	014	07	2796	-23	A18	013	12
24	1352	-17	56	128	09	1808	-16	38	136	07	2300	-18	27	151	05	2806	-19	A17	136	08
25	1358	-14	39	078	08	1816	-17	41	068	09	2320	-18	27	074	10	2813	-20	4	33	078
26	1399	-14	31	333	04	1859	-15	51	346	04	2340	-17	58	347	07	2859	-20	61	344	05
27	1419	-13	72	338	17	1879	-15	72	342	10	2360	-17	71	347	17	2878	-19	71	350	14
28	1475	-07	29	342	11	1945	-10	45	346	12	2440	-14	60	358	12	2957	-18	60	346	12
29	1514	-12	30	019	06	1978	-12	25	003	08	2460	-15	A16	356	08	2986	-18	A17	352	09
30	1507	-10	49	060	05	1974	-12	32	054	08	2480	-14	32	035	08	2987	-17	32	036	08
MN	1375	-15	54	300	03	1834	-15	49	*		2322	-17	47	*		2839	-19	44	300	05

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1006	-32	47	333	06	0062	-32	48	328	06	0430	-30	58	325	07	0812	-24	67	329	07
02	1009	-36	59	000	00	0081	-39	64	356	01	0460	-31	68	356	06	0829	-27	6	356	06
03	1003	-29	43	000	00	0043	-29	43	284	01	0400	-31	54	284	03	0789	-29	64	286	05
04	1004	-39	6	020	06	0047	-38	4	027	07	0410	-34	56	051	10	0781	-36	54	052	10
05	1009	-39	9	360	05	0083	-37	8	354	06	0440	-36	1	341	11	0815	-36	0	345	12
06	1005	-30	37	180	13	0058	-31	2	184	14	0420	-31	44	200	15	0805	-29	4	229	13
07	1010	-29	62	360	05	0087	-28	61	329	04	0460	-25	62	266	05	0850	-23	68	263	09
08	1019	-16	62	180	03	0161	-15	68	182	06	0560	-08	84	193	10	0974	-07	87	215	08
09	1013	-15	66	180	08	0119	-15	67	-		0510	-14	70	-		0926	-04	A15	-	
10	1011	-15	73	190	05	0102	-15	73	-		0500	-15	75	-		0903	-09	81	-	
11	1015	-11	88	170	06	0132	-11	87	-		0530	-11	82	-		0944	-04	49	-	
12	1026	-19	74	000	00	0212	-14	78	030	02	0610	-11	70	019	04	1019	-11	49	003	03
13	1018	-19	77	000	00	0150	-16	68	140	02	0540	-07	63	142	06	0970	-05	56	142	09
14	1015	-19	71	100	01	0133	-15	76	162	03	0520	-13	82	230	07	0933	-16	86	216	08
15	1027	-21	78	000	00	0222	-12	88	282	02	0630	-11	81	295	03	1029	-10	80	263	05
16	1030	-20	82	000	00	0242	-15	83	158	03	0630	-10	79	135	08	1052	-07	60	123	07
17	1022	-19	87	190	01	0185	-12	73	177	05	0570	-09	65	150	08	0999	-08	52	151	12
18	1025	-16	74	200	02	0205	-13	71	196	03	0600	-08	63	-		1022	-05	33	-	
19	1027	-18	78	180	09	0220	-14	75	200	09	0625	-07	65	230	10	1037	-07	38	231	10
20	1022	-13	86	280	02	0188	-11	63	265	04	0580	-11	78	246	07	0994	-12	72	243	07
21	1020	-20	69	310	03	0158	-21	73	319	04	0540	-19	77	338	05	0939	-18	83	308	05
22	1019	-26	52	000	00	0158	-24	58	027	01	0530	-19	76	029	03	0938	-18	98	004	02
23	1017	-22	73	070	13	0142	-21	72	077	12	0530	-17	69	106	12	0930	-17	65	118	09
24	1013	-20	64	040	07	0116	-20	63	049	06	0500	-13	49	071	03	0909	-14	40	084	05
25	1018	-19	71	000	00	0151	-17	70	086	02	0530	-14	59	076	06	0950	-13	A16	052	05
26	1021	-20	66	350	03	0174	-19	67	332	05	0560	-13	75	316	07	0970	-13	62	314	07
27	1026	-19	64	310	02	0210	-18	72	310	04	0600	-12	58	318	10	1015	-09	78	340	08
28	1032	-17	64	050	03	0253	-18	77	009	06	0640	-12	58	004	09	1054	-10	28	355	10
29	1035	-21	68	260	03	0272	-16	58	175	03	0660	-19	41	112	04	1073	-12	35	064	02
30	1031	-19	53	000	00	0248	-13	50	000	00	0640	-10	53	080	03	1060	-08	92	063	04
MN	1018	-22	66	*		154	-20	67	*		539	-17	66	*		944	-15	87	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1230	-23	77	333	08	1676	-22	79	343	09	2160	-23	75	337	12	2654	-25	72	330	14
02	1242	-25	3	356	05	1683	-25	3	352	06	2170	-26	9	353	08	2645	-29	A20	350	11
03	1200	-27	71	304	06	1638	-26	77	308	10	2110	-24	76	315	17	2609	-27	77	319	21
04	1177	-36	49	045	09	1597	-37	43	029	09	2050	-37	36	356	07	2518	-40	1	324	08
05	1212	-36	3	345	11	1632	-38	0	343	11	2080	-39	8	342	13	2545	-41	4	336	15
06	1214	-29	65	253	11	1647	-30	70	262	14	2100	-31	75	268	16	2596	-31	79	292	16
07	1270	-21	76	273	15	1720	-19	81	277	21	2200	-19	83	279	26	2731	-20	89	279	31
08	1417	-09	84	237	11	1883	-12	81	224	14	2380	-14	73	218	14	2896	-15	36	222	16
09	1374	-06	A15	-		1847	-07	A15	-		2340	-08	A15	-		2883	-10	A15	-	
10	1348	-06	46	-		1822	-06	A15	-		2320	-09	A15	-		2854	-12	A16	-	
11	1395	-04	25	-		1872	-05	9	25	-	2365	-07	4	26	-	2910	-09	4	32	-
12	1458	-10	7	A15	317	04	1925	-10	5	A15	252	06	2420	-11	4	A16	228	09	2948	-14	0	36	298	10
13	1417	-06	9	55	140	11	1890	-08	6	57	144	13	2375	-11	4	63	146	16	2914	-12	4	48	132	17
14	1365	-13	5	83	198	07	1827	-14	4	73	219	09	2310	-15	5	62	228	14	2835	-16	6	37	234	17
15	1470	-09	3	58	276	08	1941	-08	2	27	296	09	2440	-09	9	A15	300	12	2970	-12	3	A16	304	12
16	1498	-06	1	27	139	07	1973	-06	5	A15	126	07	2480	-09	5	A15	126	07	3003	-12	7	A16	132	09
17	1442	-08	1	35	161	14	1914	-08	5	A15	160	14	2425	-10	9	A15	165	14	2940	-14	0	A16	171	19
18	1469	-07	1	28	197	10	1941	-09	3	A15	195	13	2430	-12	0	A16	198	17	2963	-14	2	A16	195	19
19	1482	-07	0	24	225	12	1955	-08	0	A15	217	12	2450	-11	1	A16	216	12	2979	-14	4	A16	216	14
20	1432	-10	6	65	240	08	1899	-11	6	72	232	09	2390	-14	2	78	235	10	2912	-15	7	76	232	11
21	1366	-17	2	85	293	07	1821	-18	6	84	290	07	2310	-20	2	82	297	07	2809	-22	7	78	304	07
22	1364	-19	0	83	317	02	1815	-21	0	86	280	04	2290	-23	3	85	268	06	2792	-26	1	74	262	08
23	1387	-17	3	49	110	11	1813	-16	6	31	102	08	2300	-17	7	A17	074	02	2815	-18	0	A17	129	02
24	1341	-15	8	30	095	07	1797	-18	2	33	110	06	2280	-20	0	27	101	06	2787	-20	1	A17	098	08
25	1383	-15	0	A16	087	06	1842	-15	6	A16	054	07	2330	-16	9	34	090	08	2842	-20	0	43	051	08
26	1403	-14	5	67	317	07	1863	-16	0	69	316	08	2350	-18	5	60	329	06	2856	-21	0	66	344	06
27	1434	-12	5	76	356	09	1916	-13	3	81	358	12	2400	-14	9	78	007	13	2926	-17	1	71	005	12
28	1493	-11	0	61	346	11	1960	-10	8	33	344	12	2450	-13	6	A16	346	12	2974	-16	6	A17	342	14
29	1510	-12	4	34	036	03	1974	-12	7	34	035	05	2470	-14	5	27	030	06	2985	-17	8	30	348	05
30	1502	-10	0	41	046	05	1968	-12	5	34	031	06	2460	-15	0	30	020	04	2977	-17	1	A17	029	05
MN	1376	-15	0	52	271	02	1835	-15	7	46	*		2321	-17	4	44	*		2885	-19	5	40	285	09

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.
APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Stc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3780	-30	9	65	325	09	5046	-40	8		336	09	6532	-49	9		327	18	8382	-54	6		327	17
02	3741	-32	4	73	333	23	5004	-40	5		341	24	6498	-48	4		342	22	8374	-51	5		356	20
03	3724	-34	3	76	345	27	4978	-42	0		347	35	6462	-48	6		347	40	8351	-47	2		354	29
04	3662	-32	0	30	309	30	4934	-38	0	A22	309	38	6446	-45	4		308	36	8338	-50	2		310	33
05	3572	-42	7		342	25	4795	-45	7		342	33	6274	-46	7		336	30	8210	-42	0		320	19
06	3626	-37	0	67	316	27	4874	-42	6		324	33	6358	-48	2		326	33	8272	-43	8		323	19
07	3735	-30	7	77	282	24	5012	-37	7	50	290	36	6522	-46	5		307	34	8423	-46	5		303	30
08	3978	-23	1	73	277	18	5305	-29	2	58	293	37	6866	-39	7	48	288	36	8776	-53	2		288	36
09	4055	-20	2	64	211	19	5378	-30	4	74	217	17	6926	-41	5		223	27	8815	-54	9		225	38
10	4040	-18	0	A17	-		5381	-26	3	A19	-		6954	-38	5	A22	-		8863	-54	2		-	
11	4073	-17	0	43	-		5408	-27	9	60	212	15	6970	-39	4	60	229	21	8872	-55	4		245	26
12	4072	-17	9	27	227	19	5424	-23	7	31	212	28	7019	-34	5	34	226	38	8973	-49	3		238	34
13	4098	-20	1	A17	177	10	5435	-26	8	A19	192	11	7013	-36	9	A21			8945	-50	7			
14	3975	-26	7	76	135	23	5273	-33	6	A21	135	35	6820	-39	8	A22	140	53	8765	-45	1		140	30
15	4080	-19	9	36	238	12	5405	-30	3	34	236	14	6948	-43	2		228	10	8835	-52	9		200	23
16	4176	-21	8	A18	291	05	5496	-30	8	31	285	10	7040	-42	6		271	10	8922	-56	3		266	10
17	4149	-20	9	A18	166	11	5468	-31	4	A20	181	19	7008	-43	5		-		8898	-54	6		-	
18	4099	-21	5	A18	-		5419	-31	0	A20	-		6972	-40	0	30	-		8878	-54	4		-	
19	4163	-20	7	A17	220	23	5483	-31	0	A20	221	23	7033	-40	0	A22	224	24	8938	-54	3		239	36
20	4082	-23	5	64	221	15	5390	-32	8	59	226	15	6929	-43	2		225	16	8816	-55	1		236	14
21	3953	-29	7	72	228	16	5234	-37	7	38	214	17	6742	-47	0		219	21	8619	-51	9		226	19
22	3943	-29	2	30	280	09	5222	-38	1	31	272	12	6727	-47	4		269	19	8587	-53	0		282	19
23	3922	-26	1	A19	343	13	5221	-34	3	A21	337	20	6743	-46	0		306	26	8612	-53	6		300	28
24	3942	-24	5	A18	206	06	5251	-31	4	58	239	08	6806	-40	0	60	276	14	8707	-54	3		253	18
25	3938	-28	1	55	072	09	5231	-34	6	56	348	02	6757	-45	0		333	03	8626	-55	9		297	04
26	3980	-27	1	32	343	06	5273	-37	3	47	329	07	6783	-46	1		316	08	8653	-56	0		315	08
27	4006	-27	4	67	358	15	5294	-36	6	62	002	17	6803	-47	7		007	24	8666	-52	3		009	14
28	4099	-23	7	A18	345	15	5406	-34	0	A21	347	16	6935	-45	5		342	17	8798	-57	8		341	18
29	4117	-26	4	A19	357	09	5409	-35	4	A21	350	10	6928	-46	3		335	14	8788	-57	3		335	17
30	4127	-24	7	33	017	08	5435	-31	4	30	010	10	6980	-42	2		011	11	8861	-56	5		358	13
MN	3964	-25	9	43	*		5263	-34	1	37	* 299	09	6793	-43	7	35	* 289	12	8685	-52	5		* 283	13

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Stc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11017	-49	3		332	12	12900	-50	3		344	10	15540	-52	0		339	11	17841	-54	0		345	15
02	11032	-50	7		347	15	12910	-50	9		359	18	15533	-53	2		344	14	17832	-54	4		342	05
03	11045	-46	5		332	14	12945	-48	6		348	13	15587	-52	4		349	15	17892	-54	0		344	14
04	11037	-44	7		322	18	12949	-47	4		327	24	15607	-50	7		010	07	17905	-54	8		334	21
05	10951	-43	8		314	12																		
06	11000	-44	4		336	12	12921	-45	8		334	10	15602	-49	0		356	09	17928	-52	1		354	13
07	11130	-45	1		312	17	13041	-47	5		319	13	15708											
08	11363	-52	0		285	30	13239	-50	1		289	16	15877	-53	5		304	13	18163	-55	0		337	12
09	11375	-53	5		241	20	13225	-52	5		259	13	15850	-51	2		315	05	18149	-55	1		350	06
10	11454	-51	8		215	14	13333	-50	8		242	08	15984	-50	0		349	03						
11	11495	-46	6		261	15	13395	-49	5		273	13	16017	-51	9		021	03	18318	-53	2		057	04
12	11574	-51	6		197	22	13450	-51	7		192	18	16063	-51	0		164	11	18378	-51	1		109	07
13	11500	-61	2				13330	-54	0				15949	-51	4				18267	-51	6			
14	11460	-47	7		181	11	13359	-49	2		185	12	16025	-47	8		243	03	18358	-51	5		105	10
15	11455	-50	7		207	15	13321	-50	8		174	10	15964	-51	8		189	05	18274	-51	2		122	09
16	11491	-53	9		244	08	13348	-51	9		204	09	15971	-53	1		170	04	18276	-54	0		098	06
17	11476	-54	1		255	09	13333	-52	0		244	08	15965	-52	0		173	02	18267	-53	7		119	06
18	11415	-57	3		232	11	13253	-54	7		232	07	15857	-53	8		174	02	18142	-55	2		125	06
19	11481	-57	7		227	18	13330	-53	6		010	18	15923	-54	2		247	09	18206	-55	0		030	08
20	11404	-52	0		239	17	13279	-50	8		225	07	15911	-53	8		239	10	18190	-54	5		000	00
21	11270	-49	9		236	11	13150	-50	8		256	11	15778	-51	5		257	08	18083	-52	7		278	04
22	11242	-48	4		281	15	13139	-48	4		281	10	15787	-52	2		289	14	18099	-52	8		308	08
23	11259	-48	6		295	19	13148	-49	3		284	15	15800	-50	4		273	10	18122	-52	1		280	07
24	11318	-48	8		276	14	13207	-49	0		282	12	15861	-50	6		287	09	18188	-51	3		292	06
25	11276	-47	4		293	11	13176	-48	3		280	12	15827	-51	6		307	12	18148	-52	5		310	07
26	11287	-47	7		297	09	13186	-48	5		292	10	15841	-50	7		300	10	18159	-51	2		296	07
27	11332	-47	5		338	09	13227	-48	8		328	08	15881	-50	0		315	07	18208	-51	7		304	06
28	11380	-50	5		334	14	13255	-50	0		329	10	15903	-50	9		326	09	18227	-50	5		324	06
29	11392	-51	8		335	16	13262	-51	3		338	13	15899	-51	1		322	07	18220	-52	3		278	04
30	11444	-52	5		339	12	13303	-51	9		331	09	15942	-50	8		321	06	18264	-51	9		331	05
MN	11312	-50	3		* 277	10	13204	-50	3		* 294	07	15843	-51	5		* 305	05	18152	-52	9		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Stc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3758	-32	0	71	327	14	5024	-40	1		333	17	6515	-50	1		325	17	8362	-53	2		339	22
02	3733	-35	0	A21	341	18	4986	-41	7		347	23	6470	-50	1		350	26	8337	-48	7		341	18
03	3710	-31	9	A20	325	27	4980	-38	6	A22	326	34	6490	-45	9		327	50	8379	-49	4		332	35
04	3569	-40	2		303	16	4808	-41	8		296	22	6310	-43	9		298	24	8248	-41	7		312	17
05	3592	-42	7		331	22	4811	-46	5		331	27	6291	-45	5		332	23	8225	-42	0		329	15
06	3677	-35	8	70	296	20	4932	-40	3		306	29	6434	-45	2		312	37	8336	-45	7		311	25
07	3840	-25	5	78	290	33	5148	-31	8	73	298	46	6691	-41	6		302	58	8583	-54	0		307	54
08	4055	-20	2	26	228	25	5385	-29	5	A20	234	31	6937	-41	2		244	33	8833	-54	9		247	35
09	4054	-17	0	45	197	13	5394	-27	7	66	182	11	6957	-39	3	75	203	25	8867	-53	7		205	33
10	4022	-18	1	A17	-		5359	-27	6	63	-		6927	-38	4	68	203	12	8845	-52	8		202	15
11	4088	-15	8	39	-		5430	-25	0	70	-		7013	-37	1	71	225	14	8943	-51	5		245	17
12	4098	-21	6	50	235	17	5435	-25	9	57	220	19	7017	-36	0	47	221	25	8958	-50	0		229	29
13	4076	-19	5	37	122	20	5408	-28	3	A19	118	17	6973	-39	6	A22	123	15	8880	-52	4		113	11
14	3983	-22	4	A18	238	21	5301	-30	4	A20	238	26	6864	-38	0	A22	232	25	8792	-50	6		230	31
15	4126	-21	3	A18	284	13	5445	-31	2	A20	275	18	6986	-43	4		282	15	8859	-56	3		281	20
16	4160	-21	4	A18	156	02	5475	-32	3	A20	155	02	7011	-43	0		209	04	8889	-56	9		177	04
17	4094	-21	4	A18	-		5414	-31	2	A20	-		6960	-41	0		-		8859	-54	6		-	
18	4116	-21	4	A18	201	21	5436	-31	3	A20	207	29	6984	-40	7		209	24	8879	-54	8		221	25
19	4130	-21	9	A18	217	14	5449	-30	5	A20	215	17	7002	-40	4		210	21	8907				206	25
20	4057	-24	2	49	228	12	5361	-33	2	56	217	14	6893	-43	7		220	19	8778	-55	5		212	22
21	3929	-27	9	A19	273	09	5220	-35	4	A21	275	11	6737	-46	7		262	14	8597	-54	0		249	15
22	3893	-32	5	52	261	14	5157	-40	1		269	19	6655	-47	7		270	18	8548	-48	0		285	19
23	3950	-25	4	A19			5251	-33	3	A21			6790	-40	7				8687	-55	0			
24	3913	-26	9	55	132	03	5219	-32	3	62	236	05	6757	-43	2		246	05	8638	-55	3		239	07
25	3968	-27	3	34	038	08	5258	-36	3	A21	035	08	6765	-47	4		039	09	8625	-54	5		029	07
26	3980	-29	2	A20	338	08	5286				-		6753	-48	6		-		8617	-54	5		-	
27	4065	-25	0	30	009	16	5369	-34	5	A21	012	17	6885	-46	2		016	18	8735	-59	5		017	19
28	4117	-23	8	A18	334	16	5421	-34	1	A21	328	19	6941	-47	1		329	20	8789	-59	8		338	17
29	4120	-26	2	31	327	05	5415	-33	5	30	338	08	6945	-44	9		355	11	8816	-57	3		008	12
30	4117	-24	2	A18	024	06	5430	-31	0	A20	353	07	6976	-42	0		353	04	8860	-57	1		105	01
MN	3966	-25	9	33	*		5266	-33	6	34	* 286	11	6798	-43	3	51	* 280	12	8689	-52	9		* 269	12

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Stc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11014	-48	9		350	12	12902	-49	9		349	12	15542	-52	1		355	13	17835	-55	3		358	12
02	11007	-48	0		341	13	12890	-51	5		352	19	15515	-53	3		353	18	17800	-55	6		360	14
03	11061	-46	7		334	19	12959	-48	7		348	15	15610	-52	2		337	15	17899	-55	1		341	13
04	10990	-43	9		319	15	12904	-47	7		328	17	15560	-51	7		333	14	17860	-54	6		337	16
05	10965	-43	7		335	10	12888	-46	0		347	10												
06	11054	-43	9		316	19	12976																	
07	11234																							
08	11403	-52	6		254	22	13270	-50	9		267	10	15912	-51	4		262	14	18222	-53	3		331	06
09	11457	-50	7		220	20	13323	-50	1		224	12	15974	-50	2		315	04	18293	-52	3		022	03
10	11458	-50	8		218	14	13357	-49	0		258	07	15998	-49	3		285	03	18320	-52	1		071	03
11	11561	-48	2		237	11	13445	-50	3		266	02	16055	-53	5		209	02	18362	-52	4		098	03
12	11527	-55	4		216	21	13377	-51	7		189	16	16004	-51	7		150	08	18326	-51	9		158	07
13	11498	-52	2		148	12	13378	-49	4		173	09	16038	-49	0		176	09	18375	-50	5		157	12
14	11428	-49	8		195	14	13311	-48	4		189	11	15952	-52	2		113	05	18269	-51	3		101	09
15	11448	-52	8		221	11	13308	-52	2		188	06	15926	-53	0		144	04	18228	-52	8		115	10
16	11444	-54	8		229	06	13294	-53	0		223	06	15917	-53	4		183	03	18202	-54	3		091	07
17	11405	-55	0		252	12	13254	-54	7		231	07	15865	-53	2		106	04	18196	-53	9		107	08
18	11449	-54	2		232	17	13303	-52	7		265	08	15907	-53	9		353	04	18202	-53	1		126	06
19	11463	-54	0		226	16	13322	-52	3		238	14	15938	-56	4		254	07	18201	-53	1		062	02
20	11394	-50	5		227	14	13275	-50	2		227	14	15914	-51	8		231	12	18221	-53	0		224	09
21	11252	-48	2		268	11	13144	-49	8		265	11	15784	-51	8		299	07	18099	-51	9		284	05
22	11228	-47	9		289	16	13121	-48	9		292	10	15770	-50	2		307	10	18086	-52	7		321	07
23	11280	-50	6				13154	-51	0				15795	-51	0				18114	-51	6			
24	11274	-48	3		279	09	13166	-49	0		284	10	15812	-51	0		301	11	18140	-50	5		281	05
25	11262	-48	5		306	08	13154	-48	5		295	11	15804	-51	0		292	10	18125	-51	9		287	05
26	11273	-48	2		-		13165	-48	9		-		15818	-51	7		-		18196	-50	8		313	04
27	11336	-49	4		340	08	13213	-50	6		317	07	15860	-50	6		332	08	18177	-51	7		312	04
28	11367	-51	7		334	13	13241	-50	9		329	13	15875	-51	9		332	08	18202	-51	4		317	06
29	11397	-53	8		345	09	13249	-52	0		340	10	15880	-50	2		350	06	18197	-52	1		337	04
30	11422	-54	0		332	11	13280	-51	9		333	09	15914	-51	8		339	08	18236	-50	9		341	06
MN	11312	-50	2		* 269	08	13194	-50	4		* 286	06	15849	-51	8		* 310	04	18159	-52	7		*	

A — *Statistical Value for Relative Humidity*

* — *Vector Mean Wind*

\- — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USW8 type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	19993	-55	9	328	11	23226	-58	9	335	16	25756	-59	8	333	16					
02	19966	-57	5	356	23	23181	-58	9	339	15	25714	-60	9	355	25					
03	20031	-57	0	344	10	23250	-59	0	326	13										
04	20049	-56	5	346	16	23279	-57	3	345	38										
05																				
06	20100	-54	0	360	12	23354														
07																				
08	20307	-56	1	360	13	23537	-58	2	339	21										
09	20286	-57	0	020	12	23507	-58	2	023	18	26057	-58	9	035	18					
10																				
11	20485	-53	4	046	08	23761	-56	0	056	15	26323	-58	7	046	19					
12	20564	-52	0	094	10	23867	-53	4	073	17	26439	-58	3	059	25					
13	20446	-52	7																	
14	20538	-52	7	104	09	23798	-57	5	076	16	26347	-58	6	059	20					
15	20448	-54	0	089	10	23679	-59	4	071	17										
16	20433	-56	1	070	10	23654	-55	0	085	15	26243	-55	0	096	09					
17	20414	-56	5	080	13	23680	-54	1	097	10	26287	-53	2	084	11					
18	20285	-56	4	-		23542	-55	2	073	10	26132	-55	0	083	08					
19	20355	-55	3	200	14	23613	-55	4	060	09	26203	-54	5	073	11	30670	-51	5		
20	20340	-55	8	239	05	23610	-54	3	096	04	26209	-54	0	102	05					
21	20246	-53	9	237	04	23523	-54	1	265	02	26125	-54	0	000	00	30592	-49	5		
22	20268	-53	3	280	02	23552	-54	2	306	05	26150	-53	5	005	04					
23	20290	-54	4	321	07	23568	-54	7	060	04	26180	-53	0	042	06	30645	-52	2	045	03
24	20363	-53	8			23649	-53	4												
25	20323	-53	0	315	06	23620	-53	5	353	05	26237	-52	4	308	03					
26	20396	-53	4	311	06	23636	-52	5	294	03	26259	-51	8	021	02					
27	20387	-52	2	304	08	23698	-52	0	330	03	26340	-48	7	195	05					
28	20419	-51	3	313	08	23731	-52	5	337	06	26371	-50	7	321	04					
29	20400	-52	9	304	02	23710	-51	6	295	03	26345	-51	2	002	04					
30	20450	-52	5	333	08	23771	-50	8	356	04	26426	-48	7	318	03					
MN	20316	-54	4	*	2	23577	-55	2	*	17	26207	-54	5	*		30636	-51	1	*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA			FREEZING LEVELS				TROPOPAUSE (1)					TROPOPAUSE (2)					MAX. WIND LEVEL				
				Lowest		Highest														Velocity	
	$P_0C_1H\,E_0C_0$	ww	cppp	Code	Alt. gpkm.	Pres mb.	Alt. gpkm.	Pres mb.	Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Code	Alt. gpkm.	Pres mb.	deg.	mps.
01	25570	01	7 06	0					2	07	27	357	-54 0 294	0					9	06	85	381	326	27
02	69500	10	8 03	0					2	06	87	377	-50 0 295	2	18	91	063	-56 5 477	9	24	94	023	343	35
03	00901	02	7 05	0					1	07	09	364	-50 9 298	2	18	95	063	-56 0 478	9	07	42	345	343	43
04	00901	02	2 01	0					2	07	60	335	-50 5 305	0					9	05	88	436	308	42
05	00900	10	2 10	0					1	05	79	430	-48 0 286	0					6	04	30	538	341	35
06	00907	76	8 06	0					2	05	70	442	-47 1 286	0					9	05	16	478	322	37
07	855--	38	3 07	0					1	07	07	368	-49 2 298	0					7	06	99	378	303	39
08	70750	78	1 14	0					1	10	21	259	-57 2 525	0					9	07	87	344	288	49
09	855---	10	7 14	0					1	10	25	259	-61 3 319	0					8	09	20	282	291	41
10	00901	38	8 17	0					1	09	33	279	-56 8 312	0					8	09	30	280	298	29
11	855---	02	0 03	0					1	09	01	294	-56 5 308	2	14	42	128	-53 1 396	9	10	51	232	240	39
12	855---	02	2 17	0					1	10	20	248	-57 6 321	1	14	53	127	-55 2 393	9	07	10	395	226	41
13	10741	02	8 06	0					1	10	94	219	-61 4 327	0					3	06	96	439	174	14
14	75500	02	7 08	0					1	09	15	282	-46 2 326	1	16	65	091	-50 0 449	9	06	60	413	140	56
15	00900	02	1 13	0					2	08	99	293	-53 2 313	0					9	08	96	294	202	24
16	15101	02	1 04	0					2	09	62	268	-60 6 309	0					9	23	10	033	074	19
17	855---	01	7 09	0					2	09	21	285	-56 5 310	0					1	05	66	486	180	19
18	00901	02	1 05	0					1	10	92	239	-62 9 317	0					9	10	49	294	212	17
19	00906	02	0 03	0					1	10	14	248	-60 9 316	0					9	09	21	286	240	42
20	854---	71	7 05	0					2	08	89	297	-55 5 308	1	16	31	094	-55 2 428	9	06	63	418	223	18
21	15504	71	7 06	0					2	07	86	336	-51 6 303	0					9	07	65	349	225	22
22	75400	01	0 03	0					1	08	05	326	-54 9 301	0					9	07	87	336	283	26
23	00900	02	8 01	0					1	07	85	337	-53 8 299	0					9	09	13	277	303	30
24	00906	02	8 07	0					1	09	39	268	-57 7 314	0					8	09	20	278	249	20
25	00901	02	2 05	0					1	08	49	307	-56 8 304	0					9	03	10	674	070	14
26	00900	02	0 00	0					1	08	55	305	-56 6 304	0					9	13	84	136	296	12
27	00908	02	2 07	0					1	07	90	339	-54 8 298	0					9	06	66	408	389	24
28	854---	02	3 11	0					1	09	18	282	-59 7 307	0					9	06	35	437	342	20
29	00900	02	7 02	0					1	08	90	294	-57 9 306	0					9	10	08	245	337	19
30	00900	02	7 07	0					2	09	00	293	-57 4 307	0					9	10	30	259	350	15
MEAN									08	63	306	-55	2 307		16	90	094	-54 3 436						

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	19973	-56	9	336	15	23185	-59	9	338	20										
02	19935	-57	5	360	14	23138	-60	2	348	21										
03	20043	-56	5	344	15	23260														
04	20002	-57	1	334	17	23224	-58	4	003	18										
05																				
06																				
07																				
08	20376	-55	9	007	13	23604	-58	1	016	18	26162	-58	6							
09	20470	-53	6	032	08	23718	-58	2	037	19	26262	-58	8	027	21					
10	20494	-53	2	060	08															
11	20536																			
12	20506	-51	9	106	08	23802	-56	8	071	15	26363	-58	2	061	27					
13	20561	-52	3	076	06	23838	-56	4	085	16	26398	-59	0	065	20					
14	20434	-54	3	088	09	23686	-58	2	079	14	26221	-59	9	065	22	30610	-54	0		
15	20393	-56	2	087	09	23604	-60	5	068	15	26142	-57	9	073	15					
16	20352	-57	2	080	13	23571	-57	4	082	14	26143	-55	9	075	13					
17	20301	-56	5	094	13	23555	-56	0	062	11	26138	-55	1	086	14					
18	20361	-55	1	108	05	23629	-54	3	076	09	26228	-53	7	101	10					
19	20347	-56	5	191	04	23606	-55	6	072	05	26187	-55	4	090	09					
20	20387	-53	2	041	06	23683	-52	8	087	03	26304	-52	9	084	09					
21	20274	-53	3	271	03	23554	-53	8	003	05	26164	-53	1	088	03					
22	20258	-53	6	332	04	23542	-53	9	000	00	26152	-53	1	094	10					
23	20291	-53	0			23578	-53	6			26190	-53	3			30676	-49	5		
24	20319	-52	0	341	05	23610	-52	0	026	08	26222	-54	6	049	05					
25	20295	-53	9	308	04	23578	-53	0	020	03	26197	-52	6	032	02					
26	20314	-53	7	312	04	23607	-52	7	345	04	26228	-52	2	002	04					
27	20360	-52	3	348	04	23654	-53	0	338	05	26271	-52	7	007	07					
28	20379	-53	3	312	06	23677	-52	1	349	03	26310	-50	9	333	06					
29	20373	-52	9	345	04	23673	-52	4	008	04	26298	-50	0	356	03					
30	20424	-51	2	351	08	23752	-50	2	358	03	26401	-48	6	037	05					
MN	20324	-54	4	*	20	23573	-55	4	*	36	26237	-54	5	*		30643	-51	8	*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA			FREEZING LEVELS				TROPOPAUSE (1)					TROPOPAUSE (2)					MAX. WIND LEVEL				
				Lowest		Highest														Velocity	
	$P_0C_1H\,E_0C_0$	ww	cppp	Code	Alt. gpkm.	Pres mb.	Alt. gpkm.	Pres mb.	Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Code	Alt. gpkm.	Pres mb.	deg.	mps.
01	855---	10	3 07	0					1	07	42	346	-56 2 294	0					9	08	50	293	343	22
02	00900	02	2 06	0					2	07	27	354	-53 5 296	0					9	06	48	399	349	26
03	855---	10	7 15	0					1	07	51	342	-50 8 303	0					9	06	34	408	326	51
04	00900	01	2 08	0					2	02	43	710	-40 0 268	2	14	20	123	-50 1 406	9	05	93	424	294	25
05	10770	10	2 07	0					1	05	28	466	-47 4 281	0					7	05	16	474	334	31
06	9-0---	47	8 14	0					2	06	78	380	-48 8 296	0					6	06	00	426	307	40
07	70750	78	1 14	0					1	08	70	294	-54 4 310	0					5	07	81	358	304	68
08	864---	71	7 06	0					1	10	13	244	-59 6 320	0					9	09	90	278	253	41
09	25340	01	4 00	0					1	10	26	241	-59 1 321	0					9	09	22	284	209	37
10	69500	02	5 01	0					2	08	76	304	-52 6 310	1	14	29	130	-53 5 393	9	07	74	355	209	21
11	6555-	02	7 09	0					2	09	07	294	-52 6 314	1	13	04	159	-52 6 373	8	08	20	335	230	18
12	00901	02	2 07	0					1	10	40	238	-59 8 321	0					9	08	60	312	230	30
13	00900	02	8 15	0					2	08	48	318	-51 7 313	0					9	29	71	022	082	24
14	75500	02	2 15	0					1	09	67	262	-53 4 322	0					9	08	70	304	294	31
15	00900	10	2 13	0					1	09	53	288	-59 0 312	2	20	12	052	-56 0 505	9	08	21	392	288	20
16	9-0---	49	7 04	0					1	09	63	266	-62 1 308	0					9	27	40	016	096	17
17	50750	03	7 11	0					1	10	27	240	-62 7 317	0					9	28	27	014	072	21
18	60850	02	2 17	0					1	10	09	248	-59 9 318	0					9	08	00	344	215	53
19	00900	01	8 04	0					1	10	21	243	-61 5 317	1	16	18	096	-57 2 422	9	08	56	317	204	27
20	25550	02	7 05	0					1	09	18	282	-58 0 309	0					9	09	30	276	209	25
21	854---	02	2 06	0					2	07	68	346	-54 5 296	0					9	07	87	336	298	17
22	10751	02	7 01	0					2	06	66	400	-47 7 293	0					9	07	69	345	279	22
23	00900	02	7 12	0					2	08	86	291	-56 4 309	0					2	00	02	017	070	13
24	50820	02	3 02	0					1	08	86	290	-55 9 310	0					9	13	87	139	282	12
25	00900	02	2 05	0					2	07	77	341	-54 3 298	0					9	14	28	127	301	11
26	45330	02	2 07	0					1	08	57	302	-55 0 307	0					9	04	26	576	328	09
27	15540	03	2 02	0					1	08	74	300	-59 5 302	1	12	84	159	-52 2 374	9	08	10	332	017	24
28	75500	02	2 07	0					2	08	79	300	-59 8 302	0					9	08	15	333	334	25
29	00900	02	8 01	0					1	09	06	288	-59 0 306	0					9	09	30	278	010	14
30	00900	02	7 10	0					1	09	59	266	-60 7 310	0					9	11	51	197	332	11
MEAN									08	52	315	-55	5 306		15	11	120	-53 6 412						

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.
MAY 1963

STATION INSTRUMENTATION
USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1028	-11	52	000	00	0231	-13			00	0630	-08	54	038	01	1046	-07	30	078	02
02	1026	-11	69	000	00	0215	-07	48	270	04	0630	-07	35	279	08	1036	-07	28	292	09
03	1022	-06	33	290	05	0188	-09	33	291	07	0580	-06	A15	293	14	1007	-07	A15	295	13
04	1022	-11	65	340	07	0190	-12	71	340	07	0590	-11	74	350	08	0999	-07	61	350	10
05	1023	-09	83	350	04	0193	-11	83	348	05	0590	-10	80	347	07	1009	-04	63	349	08
06	1019	-08	75	180	03	0168	-09	78	195	03	0570	-11	84	219	02	0984	-07	78	254	02
07	1013	-09	64	160	04	0115	-10	67	158	05	0500	-13	75	157	07	0923	-07	68	164	06
08	1008	-09	67	000	00	0080	-10	60	134	02	0480	-08	42	155	11	0898	-06	26	176	11
09	1005	-06	70	130	05	0057	-06	70	131	05	0460	-08	73	151	09	0875	-09	76	146	11
10	1003	-08	67	000	00	0045	-08	68	000	00	0440	-10	73	325	02	0857	-10	77	254	03
11	1005	-11	71	280	08	0056	-12	72	280	08	0440	-13	75	283	03	0859	-12	80	260	04
12	1006	-14	60	310	08	0065	-15	62	310	08	0450	-18	77	320	08	0856	-15	79	326	08
13	1010	-14	71	330	03	0092	-15	70	323	03	0490	-14	64	276	05	0889	-13	93	274	05
14	1014	-13	60	000	00	0127	-15	64	304	01	0510	-19	78	311	03	0919	-12	80	294	05
15	1016	-14	67	040	03	0136	-15	70	038	04	0520	-15	78	032	04	0936	-09	50	350	03
16	1017	-12	65	330	05	0146	-13	68	336	05	0540	-17	77	348	06	0940	-10	70	330	08
17	1020	-12	68	190	02	0172	-14	71	210	03	0570	-07	60	252	06	0984	-06	58	285	04
18	1012	-04	75	000	00	0111	-05	76	293	01	0520	-05	83	322	05	0937	-04	76	337	07
19	1028	-07	76	320	10	0233	-09	78	313	09	0630	-08	80	299	05	1050	-08	81	325	05
20	1026	-02	86	220	11	0226	-01	60	236	11	0640	001	88	65	10	1073	-00	71	270	09
21	1020	-03	74	150	03	0174	-04	76	-		0580	-02	88	68	-	1007	-02	59	-	
22	1007	-00	83	270	11	0074	-00	7	271	11	0485	-03	6	282	13	0907	-06	87	284	14
23	1005	-03	77	300	07	0062	-04	70	312	07	0460	-06	79	322	07	0885	-06	78	342	07
24	1020	-11	75	340	12	0169	-13	76	344	13	0550	-16	79	356	13	0963	-13	75	354	12
25	1019	-12	76	360	11	0162	-13	76	356	11	0540	-17	77	359	09	0952	-21	70	004	11
26	1017	-11	77	330	04	0149	-12	70	332	04	0535	-15	76	350	09	0943	-14	80	358	09
27	1019	-11	73	320	08	0164	-13	65	325	08	0545	-14	74	339	09	0963	-14	76	342	11
28	1016	-11	67	360	07	0143	-12	70	359	08	0530	-16	77	008	07	0936	-18	84	027	09
29	1019	-09	79	270	02	0161	-10	79	274	04	0550	-13	79	288	04	0961	-17	80	304	04
30	1009	-04	85	250	02	0093	-05	85	258	03	0490	-08	86	283	04	0912	-06	89	341	05
31	1006	-04	77	170	07	0070	-05	78	-		0475	-08	84	-		0891	-08	88	-	
MN	1015	-09	70	*		138	-10	70	*		533	-10	70	*		948	-09	66	*	

CONSTANT PRESSURE DATA — 00 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1489	-10	29	017	02	1954	-13	41	020	02	2440	-14	A16	035	02	2964	-16	A17	032	07
02	1479	-09	27	299	08	1947	-11	25	301	08	2440	-14	25	313	10	2958	-18	28	318	12
03	1451	-08	A15	295	11	1920	-10	A15	304	14	2425	-12	A16	316	15	2939	-15	A16	325	13
04	1445	-05	34	353	10	1923	-05	A15	347	12	2430	-06	A15	348	12	2965	-09	A15	342	16
05	1460	-04	35	013	12	1936	-07	64	350	13	2420	-10	71	342	21	2965	-12	50	339	20
06	1428	-09	49	258	04	1899	-09	68	236	04	2390	-11	71	240	04	2920	-16	70	262	04
07	1368	-07	28	164	06	1837	-11	67	171	07	2330	-11	A16	177	09	2855	-14	A16	179	05
08	1343	-07	32	170	13	1814	-10	68	-		2310	-14	68	-		2827	-18	65	-	
09	1315	-11	79	140	13	1780	-12	82	140	12	2270	-15	80	159	10	2786	-18	78	168	10
10	1299	-09	80	206	02	1766	-12	82	181	02	2260	-14	84	169	03	2776	-18	77	175	04
11	1296	-12	83	267	04	1798	-15	82	274	05	2250	-16	53	287	07	2760	-19	88	288	09
12	1288	-15	77	331	08	1746	-16	68	322	09	2240	-17	52	337	07	2744	-20	60	342	08
13	1323	-14	94	276	05	1783	-19	56	280	04	2280	-16	61	268	05	2785	-19	84	260	05
14	1356	-11	65	306	06	1820	-13	55	314	06	2300	-15	47	312	08	2827	-18	78	312	09
15	1378	-09	0	32	301	05	1846	-11	0	40	292	04	2335	-13	1	33	300	05	2863	-15
16	1382	-08	6	35	312	11	1853	-08	2	29	311	08	2360	-10	4	26	324	09	2881	-13
17	1431	-06	1	25	308	05	1905	-07	0	A15	315	10	2410	-09	4	30	323	12	2936	-11
18	1385	-06	2	78	311	07	1859	-07	8	79	286	05	2360	-10	6	80	290	06	2886	-14
19	1491	-10	6	73	340	08	1960	-10	0	38	337	10	2460	-12	2	44	327	10	2980	-13
20	1528	-03	2	76	276	10	2006	-06	0	82	267	09	2520	-09	0	79	273	12	3040	-12
21	1459	-03	1	24	-		1940	-04	3	31	220	09	2440	-07	0	30	249	08	2982	-08
22	1353	-09	2	85	293	12	1821	-11	0	83	289	17	2320	-13	6	81	278	23	2838	-15
23	1330	-08	6	76	348	06	1799	-11	2	75	012	07	2290	-14	3	76	015	09	2810	-18
24	1398	-13	7	65	353	16	1858	-15	4	50	353	18	2340	-17	5	48	350	18	2857	-20
25	1383	-14	2	68	359	17	1844	-14	6	59	356	17	2315	-15	9	51	356	19	2851	-19
26	1379	-12	8	47	352	10	1842	-13	2	33	349	12	2330	-14	5	28	350	11	2853	-17
27	1396	-14	8	53	344	14	1856	-15	4	39	343	15	2350	-17	4	56	342	15	2856	-19
28	1366	-16	0	79	030	09	1823	-17	2	65	022	13	2300	-18	4	49	022	15	2818	-20
29	1394	-12	7	83	317	04	1860	-10	1	39	331	05	2360	-12	3	A16	352	06	2880	-13
30	1358	-07	1	90	002	06	1829	-09	8	89	348	06	2320	-11	7	80	355	10	2850	-15
31	1333	-09	7	90	-		1801	-11	1	90	152	04	2290	-13	5	89	178	03	2816	-16
MN	1390	-09	8	57	325	05	1858	-11	2	55	*		2351	-13	4	51	*		2879	-16

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1026	-18	56	000	00	0214	-10	66	261	01	0610	-07	46	293	03	1033	-07	35	254	04
02	1025	-14	69	000	00	0208	-08	91	000	00	0605	-06	32	311	07	1030	-07	27	312	08
03	1019	-13	67	320	06	0162	-12	74	320	07	0570	-07	22	326	09	0982	-05	A15	312	07
04	1023	-09	64	310	07	0196	-09	67	321	07	0595	-10	72	348	08	1006	-07	70	335	10
05	1022	-11	69	200	03	0184	-13	76	222	03	0585	-07	89	287	04	0997	-07	49	305	05
06	1016	-09	92	160	02	0144	-09	91	176	04	0530	-12	90	188	05	0954	-07	87	186	04
07	1010	-14	71	000	00	0094	-14	73	000	00	0490	-12	80	126	02	0902	-06	69	167	06
08	1006	-10	62	000	00	0066	-09	59	155	01	0470	-06	46	148	06	0887	-06	38	134	10
09	1003	-14	70	000	00	0045	-13	71	000	00	0435	-09	70	000	00	0856	-10	54	000	00
10	1004	-11	76	310	03	0049	-11	77	309	03	0430	-10	83	307	06	0859	-11	87	330	05
11	1006	-13	76	270	06	0067	-14	76	271	06	0460	-17	81	257	07	0859	-16	86	241	05
12	1009	-15	62	300	03	0084	-16	70	302	03	0460	-15	81	314	06	0880	-14	82	314	08
13	1012	-15	74	280	02	0112	-16	76	-		0500	-17	78	-		0906	-13	85	-	
14	1015	-15	73	050	02	0134	-16	75	025	02	0520	-19	81	314	04	0927	-11	60	295	05
15	1016	-14	75	020	05	0188	-15	78	012	05	0530	-18	86	344	06	0937	-09	64	323	06
16	1020	-14	61	360	02	0166	-15	66	008	03	0550	-14	77	021	05	0968	-08	58	025	06
17	1015	-10	76	180	09	0134	-10	71	188	11	0540	001	64	203	14	0970	-01	60	217	11
18	1019	-04	79	330	06	0169	-05	81	335	07	0570	-08	88	351	09	0990	-07	88	343	10
19	1029	-09	78	230	04	0240	-10	85	250	06	0645	-03	42	279	08	1067	-02	64	306	12
20	1026	-08	71	170	05	0215	-06	84	190	06	0620	-01	25	207	08	1050	-02	83	226	10
21	1011	-04	92	180	09	0107	-03	92	192	09	0520	-01	92	220	09	0947	001	93	248	11
22	1004	-02	90	290	14	0049	-02	91	292	14	0440	-05	93	309	14	0876	-06	92	318	07
23	1014	-08	83	010	11	0126	-08	83	013	14	0520	-11	84	012	13	0934	-13	83	019	13
24	1016	-10	86	285	10	0145	-11	85	296	10	0540	-14	83	308	11	0945	-14	83	316	13
25	1020	-12	68	340	06	0166	-14	71	337	07	0550	-17	78	340	07	0956	-18	85	348	08
26	1018	-12	63	330	05	0152	-14	67	335	05	0530	-17	72	355	08	0946	-14	77	360	09
27	1017	-12	63	020	06	0149	-13	67	014	07	0530	-16	75	360	07	0940	-20	84	348	09
28	1018	-12	68	025	04	0156	-13	70	016	03	0540	-16	76	005	04	0950	-17	82	011	07
29	1015	-09	74	250	08	0132	-10	76	255	09	0525	-13	82	272	09	0938	-10	86	280	07
30	1005	-02	90	180	05	0062	-03	92	195	05	0470	-05	91	280	04	0890	-07	91	287	03
31	1010	-07	83	090	10	0096	-07	83	100	10	0490	-08	85	144	10	0913	-10	87	141	09
MN	1015	-11	74	*		134	-11	76	*		528	-10	73	*		945	-09	69	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1477	-09	35	260	04	1945	-12	27	281	04	2430	-14	A16	298	04	2958	-17	A17	324	05
02	1473	-09	28	318	06	1941	-11	28	320	08	2430	-12	A16	324	10	2960	-15	45	337	10
03	1428	-07	A15	320	13	1900	-09	34	328	15	2400	-13	0	68	339	14	2920	-13	29	351	14
04	1452	-06	70	341	12	1924	-07	35	343	12	2430	-08	0	25	346	14	2962	-09	49	350	15
05	1443	-07	25	309	05	1915	-08	39	338	05	2420	-10	7	56	014	07	2956	-15	66	005	04
06	1399	-08	82	196	04	1868	-11	46	207	05	2350	-12	7	40	226	05	2887	-15	45	217	04
07	1348	-08	76	184	09	1816	-11	86	177	06	2310	-13	0	71	168	07	2853	-14	9	45	168	08
08	1332	-08	67	122	12	1800	-11	9	67	113	10	2305	-15	5	75	124	10	2811	-17	0	60	136	09
09	1298	-09	78	000	00	1766	-11	3	82	220	02	2250	-15	0	83	198	09	2776	-18	9	84	186	05
10	1297	-12	4	89	314	04	1760	-13	9	90	253	02	2250	-16	8	85	277	04	2763	-19	7	79	265	05
11	1292	-12	9	86	254	05	1754	-14	6	77	254	08	2240	-16	2	68	257	07	2758	-18	8	50	252	08
12	1313	-15	0	82	305	06	1774	-14	4	78	290	05	2265	-16	7	72	289	09	2776	-20	2	70	286	06
13	1340	-13	9	79	-		1801	-14	8	74	291	08	2290	-16	1	61	291	08	2805	-18	8	42	297	07
14	1368	-09	7	38	500	05	1836	-11	7	40	309	04	2330	-14	3	28	308	05	2848	-16	9	A17	309	05
15	1380	-08	1	28	326	07	1850	-09	9	34	321	08	2340	-12	2	A16	320	06	2870	-15	0	A16	320	07
16	1413	-07	3	37	353	06	1886	-08	0	26	333	07	2390	-10	5	A15	357	07	2914	-12	7	A16	356	07
17	1424	-04	3	83	221	09	1900	-06	7	88	224	14	2400	-09	1	89	222	15	2932	-12	7	89	230	12
18	1435	-08	0	57	335	11	1907	-09	5	63	339	09	2400	-11	9	67	346	07	2929	-15	3	69	347	06
19	1520	-04	5	82	316	11	1996	-07	1	88	331	10	2490	-10	4	83	357	13	3023	-14	0	73	327	18
20	1502	-04	1	22	232	10	1980	-05	7	62	292	09	2480	-07	2	58	241	08	3020	-08	9	53	247	06
21	1406	-00	8	90	263	12	1889	-03	7	84	253	14	2390	-06	8	79	255	16	2932	-10	0	73	255	19
22	1321	-08	7	90	296	08	1788	-12	3	87	278	07	2290	-15	3	85	281	09	2798	-17	2	72	307	06
23	1372	-10	9	65	024	17	1840	-10	7	47	024	17	2340	-12	1	92	023	19	2860	-14	3	A16	020	16
24	1378	-14	4	86	322	17	1837	-16	1	84	326	19	2310	-19	3	76	329	16	2830	-22	6	72	323	23
25	1391	-12	5	78	351	11	1853	-13	9	55	348	12	2330	-15	4	50	350	12	2861	-17	4	47	348	15
26	1380	-14	4	80	359	09	1839	-16	3	80	360	09	2330	-18	9	79	357	10	2836	-20	3	79	338	09
27	1370	-15	0	79	347	14	1829	-15	9	68	349	15	2320	-17	5	42	354	15	2828	-19	9	35	359	17
28	1382	-15	3	69	031	09	1840	-16	2	52	040	09	2320	-17	1	35	042	12	2842	-17	8	32	046	14
29	1380	-08	3	91	322	06	1852	-08	3	92	346	07	2340	-11	2	91	352	08	2877	-14	2	90	013	10
30	1334	-09	7	92	259	04	1801	-12	1	92	276	02	2300	-12	9	87	317	05	2817	-16	3	79	322	07
31	1393	-11	4	88	140	07	1820	-12	2	88	158	07	2325	-15	4	87	160	08	2828	-18	7	87	165	08
MN	1387	-09	6	66	324	05	1855	-11	3	64	*		2348	-13	5	59	*		2871	-16	1	55	330	05

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.

MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	4108	-22	7 A18	339	05	5421	-31	4 A20	311	04	6963	-42	2	320	07	8846	-56	1	282	04
02	4097	-24	6 70	326	11	5401	-33	7 67	320	15	6931	-44	5	318	22	8803	-55	9	316	24
03	4086	-22	9 A18	315	19	5400	-31	2 A20	335	18	6948	-41	2	341	19	8844	-54	1	345	24
04	4140	-16	8 A17	348	18	5486	-25	1 58	002	17	7068	-37	4 30	019	22	8990	-52	7	021	29
05	4135	-17	0 A17	340	19	5481	-25	6 28	342	13	7059	-37	0 A22	330	19	8985	-51	6	330	98
06	4070	-21	9 38	288	06	5390	-30	5 A20	276	10	6940	-40	5	283	20	8840	-54	1	290	26
07	4001	-23	0 48	177	06	5313	-31	5 35	195	07	6854	-42	0	214	09	8736	-55	3	202	17
08	3964	-25	3 48	-		5267	-33	6 55	-		6801	-43	8	-		8678	-56	4	-	
09	3919	-25	9 73	150	08	5211	-36	5 67	150	12	6725	-44	9	182	10	8634	-47	3	-	
10	3908	-26	2 70	225	10	5203	-35	4 50	230	10	6726	-43	4	198	17	8652	-45	8	197	13
11	3892	-26	8 52	290	08	5182	-36	0 52	290	13	6699	-45	4	288	09	8614	-43	8	284	08
12	3868	-28	0 41	329	16	5155	-36	5 30	327	15	6677	-42	6	324	21	8612	-42	7	279	17
13	3913	-27	2 43	278	05	5203	-35	9 42	283	10	6729	-43	7	288	12	8638	-46	1	285	08
14	3962	-25	4 A19	314	11	5267	-32	0 A20	295	17	6810	-42	5	300	18	8718	-48	8	293	15
15	4011	-22	9 27	289	09	5323	-32	3 35	280	08	6857	-44	9	261	06	8735	-50	3	285	06
16	4041	-19	7 A17	327	10	5372	-28	1 A19	333	14	6933	-40	7	327	16	8834	-53	6	340	14
17	4099	-19	1 72	320	16	5433	-27	9 62	315	19	7000	-39	0 48	305	21	8909	-53	8	303	24
18	4035	-23	4 68	272	08	5344	-31	9 55	258	06	6886	-42	3	267	06	8808	-44	0	288	08
19	4143	-17	4 A17	335	22	5486	-25	1 33	338	31	7072	-34	7 49	330	45	9033	-47	2	337	48
20	4206	-15	9 25	288	15	5562	-23	7 56	288	23	7160	-34	5 A21	297	18	9100	-50	3	302	24
21	4167	-14	2 A16	267	05	5527	-23	4 A18	280	09	7119	-35	4 A21	256	10	9056	-51	4	263	10
22	3982	-23	1 53	274	24	5297	-31	1 A20	288	24	6845	-42	1	281	52	8781	-43	3	282	22
23	3952	-23	9 50	358	08	5258	-33	1 35	015	06	6796	-42	3	332	04	8728	-42	5	013	04
24	3985	-27	0 A19	350	24	5283	-31	8 A20	348	42	6840	-39	4 A22	356	54	8761	-48	9	352	51
25	3987	-24	3 36	005	25	5299	-31	1 35	007	31	6846	-41	9	002	32	8756	-46	9	359	36
26	3996	-21	9 30	357	13	5317	-29	8 59	349	17	6870	-40	7	343	19	8770	-54	0	348	22
27	3993	-24	1 36	350	17	5301	-32	9 A20	348	25	6833	-44	5	359	30	8740	-46	1	013	28
28	3940	-28	1 49	024	15	5220	-37	2 37	031	17	6735	-42	9	024	31	8690	-38	9	022	23
29	4040	-20	2 28	021	10	5369	-29	9 39	020	13	6937	-38	8 63	019	20	8853	-48	6	022	17
30	3994	-23	9 28	353	13	5298	-33	0 34	003	15	6835	-43	0	356	25	8750	-45	0	349	11
31	3956	-24	9 66	314	02	5256	-34	3 68	298	04	6778	-44	9	314	07	8702	-42	4	038	04
MN	4019	-22	8 39	*		5333	-31	3 39	* 330	12	6880	-41	4 35	* 328	14	8793	-49	0	* 330	15

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11418	-56	5	329	13	13266	-53	1	337	10	15891	-52	1	333	09	18207	-51	4	332	07
02	11413	-51	1	329	14	13283	-51	6	338	12	15920	-50	8	341	12	18250	-50	2	338	07
03	11406	-54	8	356	20	13250	-53	6	009	16	15866	-52	3	004	10	18181	-51	7	028	06
04	11525	-59	5	012	23	13363	-53	1	346	10	15981	-52	5	006	06	18297	-50	8	008	09
05	11538	-58	4	327	09	13377	-52	6	330	13	16015	-51	0	295	05	18336	-49	4	315	06
06	11427	-52	8	307	10	13295	-50	0	311	07	15953	-49	4	338	04	18290	-49	5	356	02
07	11369	-47	6	250	02	13266	-48	3	352	03	15930	-49	1	312	04	18269	-49	3	001	05
08	11322	-47	5	-		13220	-48	3	-		15884	-49	5	158	03	18222	-49	1	342	03
09	11333	-46	6	-		13244	-46	7	-		15924	-48	2	-		18272	-48	7	-	
10	11383	-42	7	244	09	13317	-45	0	274	08	16012	-47	2	284	06	18368	-47	2	288	03
11	11358	-41	1	268	08	13306	-43	0	283	10	16011	-46	8	260	05	18374	-47	1	282	05
12	11355	-42	8	260	08	13288	-44	3	270	17	15999	-46	0	244	06	18359	-47	8	281	06
13	11361	-42	7	271	08	13290	-45	0	250	07	16000	-45	0	237	05	18365	-47	6	229	09
14	11414	-45	6	272	10	13331	-45	8	272	10	16032	-45	0	246	03	18403	-46	9	202	06
15	11415	-45	6	290	08	13326	-46	9	282	10	16020	-45	5	274	06	18390	-46	8	248	03
16	11490	-45	9	322	10	13405	-44	8	313	08	16108	-45	8	300	07	18492	-46	0	308	03
17	11515	-48	6	300	13	13412	-47	9	305	08	16108	-46	2	307	09	18483	-45	7	309	01
18	11541	-42	0	309	16	13478	-44	5	318	14	16177	-47	3	323	14	18549	-44	2	319	09
19	11660	-49	0	333	32	13557	-47	9	333	20	16212	-49	7	335	15	18550	-48	8	325	18
20	11724	-47	0	286	21	13623	-49	0	298	14	16283	-49	2	287	11	18640	-46	4	103	02
21	11662	-50	3	286	13	13557	-47	8	297	10	16222	-49	0	303	10	18580	-46	0	283	05
22	11523	-42	4	280	22	13460	-43	8	302	05	16170	-46	0	310	18	18550	-44	5	302	12
23	11485	-41	0	318	10	13433	-42	2	318	11	16177	-42	0	319	11	18585	-43	2	348	07
24	11451	-45	0	337	13	13380	-43	9	340	24	16100	-44	6	343	10	18487	-43	9	341	10
25	11479	-43	1	357	26	13417	-44	1	358	21	16154	-43	7	349	11	18550	-43	8	360	06
26	11457	-43	1	354	15	13399	-43	1	356	13	16120	-43	8	360	10	18518	-44	0	035	10
27	11468	-42	4	360	18	13407	-43	5	003	18	16137	-42	9	028	09	18530	-45	1	028	10
28	11474	-40	0	022	19	13426	-42	1	022	14	16162	-43	5	038	11	18557	-44	3	042	14
29	11558	-42	2	037	20	13506	-42	0	044	17	16234	-43	9	046	10	18623	-45	1	064	11
30	11493	-40	4	011	09	13453	-41	3	023	10	16183	-43	6	030	08	18586	-43	8	067	05
31	11471	-39	0	048	05	13436	-40	2	055	04	16184	-42	3	082	04	18596	-41	7	081	05
MN	11467	-46	3	* 329	11	13380	-46	3	* 331	09	16070	-46	9	* 329	06	18434	-46	8	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	4100	-24	0 A18	320	07	5405	-31	3 A20	316	11	6945	-44	0	313	16	8822	-56	1	307	16
02	4113	-21	2 37	355	08	5428	-31	6 37	008	08	6966	-43	5	026	10	8849	-56	0	020	13
03	4077	-20	7 A17	003	14	5404	-29	3 A20	025	18	6954	-42	7	017	15	8840	-53	4	040	92
04	4135	-17	0 38	342	18	5479	-24	9 A18	336	28	7061	-37	6 A22	342	25	8985	-52	5	333	90
05	4094	-19	2 A17	319	10	5425	-27	5 A19	302	12	6990	-39	6 A22	288	20	8895	-54	3	292	27
06	4037	-22	5 A18	242	07	5353	-31	3 A20	242	07	6898	-41	9	243	17	8790	-54	2	245	21
07	3982	-23	3 54	179	07	5290	-33	0 63	165	06	6822	-45	0	153	11	8697	-54	7	185	08
08	3952	-24	6 65	141	13	5255	-33	6 73	135	15	6791	-44	1	160	17	8665	-53	9	159	17
09	3905	-26	2 69	184	09	5200	-34	6 66	185	13	6737	-42	9	-		8649	-47	8	-	
10	3891	-27	5 49	278	05	5179	-36	8 33	285	06	6690	-45	5	257	08	8610	-44	1	237	06
11	3890	-26	7 33	261	10	5180	-36	9 A21	272	15	6708	-42	7	287	28	8625	-46	3	286	19
12	3900	-28	1 64	292	07	5183	-36	9 60	293	13	6703	-43	0	282	21	8621	-45	5	286	15
13	3937	-25	9 36	286	07	5234	-35	4 40	287	08	6768	-42	9	294	19	8685	-46	1	287	12
14	3991	-22	9 A18	314	08	5309	-30	9 A20	309	12	6851	-43	5	311	15	8739	-51	0	287	09
15	4021	-21	4 A18	325	09	5341	-30	5 A20	329	12	6888	-42	4	333	16	8786	-51	7	328	17
16	4077	-18	7 A17	294	19	5413	-27	7 A19	351	14	6979	-39	2 A22	345	21	8887	-53	9	338	24
17	4096	-19	1 82	245	14	5428	-28	6 73	240	10	6990	-39	5 65	246	12	8893	-55	1	240	13
18	4075	-23	7 67	320	07	5388	-31	1 32	328	15	6939	-39	5 A22	332	27	8873	-43	1	332	27
19	4180	-17	9 39	314	17	5528	-24	0 A18	313	23	7125	-34	5 A21	296	39	9082	-47	8	293	35
20	4204	-13	8 25	276	08	5566	-22	9 44	278	08	7162	-35	8 54	271	09	9103	-50	5	299	19
21	4113	-15	0 80	244	19	5469	-23	5 82	239	22	7058	-35	4 57	246	23	8998	-51	3	237	15
22	3939	-24	0 54	302	11	5248	-32	2 65	300	19	6788	-43	4	297	23	8728	-41	6	302	18
23	4017	-20	0 A17	026	14	5348	-28	4 A19	028	10	6912	-39	3 A22	039	10	8826	-52	7	055	09
24	3951	-27	8 76	318	28	5239	-35	8 68	324	41	6776	-41	7	331	52	8708	-45	4	335	52
25	4007	-22	7 A18	349	16	5325	-31	0 A20	351	16	6874	-41	3	347	33	8768	-52	4	350	41
26	3964	-26	8 78	345	13	5257	-35	4 72	317	10	6784	-42	5	323	09	8723	-43	3	343	21
27	3958	-26	0 A19	357	19	5256	-34	8 A21	358	23	6775	-44	8	358	24	8718	-40	7	360	29
28	3988	-22	5 27	043	16	5304	-31	0 A20	049	21	6854	-41	5	050	29	8770	-44	5	055	32
29	4034	-19	6 82	353	12	5365	-28	6 56	012	14	6927	-39	2 64	016	14	8840	-50	4	011	29
30	3959	-24	2 65	341	08	5261	-34	4 60	336	12	6793	-43	9	337	17	8704	-44	6	347	11
31	3964	-24	9 82	157	07	5264	-34	6 76	186	03	6784	-46	3	274	06	8704	-43	7	108	04
MN	4018	-22	5 44	*		5333	-31	2 41	* 324	09	6880	-41	6 37	* 319	13	8793	-49	3	* 329	14

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11395	-53	1	317	12	13248	-52	9	329	10	15868	-51	9	349	09	18188	-51	8	354	05
02	11432	-52	6	004	16	13294	-51	7	003	14	15930	-50	8	007	09	18255	-50	4	016	06
03	11435	-52	1	012	17	13294	-52	7	011	12	15918	-51	2	014	11	18230	-50	8	013	03
04	11520	-62	3	335	24	13357	-53	0	349	16	15978	-52	4	022	09	18291	-51	1	351	11
05	11440	-55	4	310	12	13290	-51	8	320	09	15928	-51	0	355	05	18241	-52	1	040	06
06	11399	-49	6	288	05	13282	-49	4	322	03	15947	-48	6	003	04	18289	-49	7	003	04
07	11347	-47	4	220	02	13246	-48	0	011	02	15915	-48	6	026	02	18250	-50	0	037	03
08	11333	-46	3	203	04	13240	-47	5	199	02	15910	-49	2	000	00	18250	-48	0	064	03
09	11352	-44	8	235	07	13273	-46	4	260	05	15955	-47	3	272	03	18316	-47	0	197	01
10	11352	-42	3	251	08	13292	-44	4	299	09	15986									
11	11350	-43	1	293	11	13288	-42	8	276	11	16000	-46	1	296	06	18360	-48	5	309	05
12	11357	-42	1	271	09	13293	-45	0	264	09	16005	-44	7	240	07	18381	-45	5	208	04
13	11397	-44	7	274	08	13319	-44	7	266	07	16032	-45	0	252	05	18398	-46	7	223	07
14	11416	-45	7	294	08	13328	-46	8	280	08	16019	-46	9	268	04	18386	-47	2	221	02
15	11445	-46	0	320	09	13358	-46	4	313	07	16047	-46	7	273	04	18418	-47	0	310	01
16	11517	-47	9	327	12	13422	-46	0	319	10	16119	-45	5	333	06	18496	-45	9	330	05
17	11530	-46	5	286	11	13436	-46	5	291	10	16140	-46	0	307	07	18511	-46	0	319	07
18	11610	-42	8	327	23	13542	-46	0	339	12	16243	-47	5	342	18	18604	-46	6	350	06
19	11702	-49	2	304	21	13588	-49	8	321	15	16227	-50	8	009	02	18562	-48	3	307	04
20	11706	-50	3	299	15	13596	-48	4	276	14										
21	11618	-47	0	295	11	13528	-46	2	263	14	16216	-47	5	298	09	18585	-46	3	003	07
22	11490	-41	2	307	15	13437	-41	9	308	09	16178	-43	0	303	12					
23	11491	-44	0	347	09	13424	-44	2	345	11	16157	-43	3	346	13	18560	-43	3	310	04
24	11437	-43	4	332	21	13373	-43	0	352	14	16102	-44	9	359	10	18488	-43	6	012	17
25	11456	-44	8	352	15	13381	-44	4	360	07	16099	-45	6	360	15	18486	-43	7	018	06
26	11470	-41	5	005	20	13413	-43	7	354	14	16149	-42	2	355	08	18554	-44	0	360	11
27	11484	-40	6	017	20	13435	-43	0	014	23	16174	-43	4	075	09	18577	-43	1	033	17
28	11510	-41	2	041	23	13459	-42	4	042	14	16196	-43	1	052	11	18595	-45	1	057	09
29	11539	-42	0	026	16	13483	-42	5	023	13	16209	-44	8	040	10	18595	-44	7	048	06
30	11452	-41	0	027	07	13406	-42	4	035	05	16132	-44	1	056	06	18525	-44	1	072	06
31	11463	-39	6	080	06	13429	-39	9	072	05	16178	-42	4	069	05	18583	-43	3	085	06
MN	11466	-46	1	* 332	10	13379	-46	3	* 331	08	16065	-46	7	* 330	05	18428	-46	9	*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.
MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20388	-52	9	339	07	23705	-50	0	342	05	26357	-49	8	025	06					
02	20447	-50	5	354	07	23774	-49	7	001	06	26442	-48	0	011	06					
03	20357	-52	4	002	10	23667	-51	1	360	07	26314	-49	9	025	04					
04	20488	-50	6	008	04	23838	-49	0	048	03	26502	-46	9	029	08					
05	20537	-49	0	005	17	23900	-48	6	020	05	26585	-45	5	110	04					
06	20498	-48	1	008	02	23873	-47	1	030	03	26566	-45	1	000	00					
07	20475	-48	8	360	06	23845	-47	5												
08	20432	-48	6	091	02	23804	-47	0	160	03	26497	-45	0	153	05					
09	20488	-47	2	-		23876	-47	0	169	05	26581	-44	6	149	04					
10	20599	-46	5	161	03	24003	-44	2	177	04	26726	-42	1	174	08					
11	20601	-47	0	252	05	24007	-44	6	193	05	26737	-42	0	187	08	31496	-35	8		
12	20581	-47	2	220	03	23985	-44	7	172	09	26717	-41	5	168	08					
13	20587	-47	6	257	05	23983	-45	0	189	06	26711	-42	4	175	08					
14	20640	-46	6	000	00	24058	-43	2	154	05	26805	-40	6	166	07					
15	20635	-44	9	209	03	24070	-42	0	156	07										
16	20740	-44	8	252	03															
17	20727	-44	6	243	04	24162	-42	4	290	01										
18	20788	-46	0	333	06	24204	-43	1	038	05	26939	-42	7							
19	20775	-48	0	235	12	24164	-45	2	069	03	26876	-44	5	080	08					
20	20882	-45	0	000	00	24292	-43	9	080	05										
21	20817	-45	0	300	05	24224	-45	3	054	05										
22	20794	-44	7	310	13	24217	-43	7	332	06										
23	20840	-43	2	341	08	24280	-43	1	008	06	27020	-40	8	007	06	31780	-37	5		
24	20752	-44	6	158	07	24174	-43	4	358	06										
25	20814	-43	6	005	13	24248														
26	20785	-43	0	018	09	24221	-44	6	049	07										
27	20777	-43	9	056	07	24199	-45	1	048	10										
28	20813	-44	3	095	07	24240	-44	0	051	04										
29	20871	-45	1	062	08	24301	-43	3	050	07	27049	-40	1	075	11					
30	20853	-43	1	078	06	24295	-42	6	093	06	27067	-37	5	100	11					
31	20867	-43	1	089	07	24323	-41	1	108	09	27104	-38	1	086	11					
MN	20666	-46	4	*	359	24064	-45	2	*	73	26716	-43	5	*		31638	-36	7	*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA $N_h C_L h C_M C_H$	SURFACE ww	SURFACE p_{PPP}	FREEZING LEVELS Lowest Code	FREEZING LEVELS Lowest Alt. gpkm.	FREEZING LEVELS Lowest Pres mb.	FREEZING LEVELS Highest Alt. gpkm.	FREEZING LEVELS Highest Pres mb.	TROPOPAUSE (1) Code	TROPOPAUSE (1) Alt. gpkm.	TROPOPAUSE (1) Pres mb.	TROPOPAUSE (1) Temp. °C	TROPOPAUSE (1) θ °A	TROPOPAUSE (2) Code	TROPOPAUSE (2) Alt. gpkm.	TROPOPAUSE (2) Pres mb.	TROPOPAUSE (2) Temp. °C	TROPOPAUSE (2) θ °A	MAX. WIND LEVEL Code	MAX. WIND LEVEL Alt. gpkm.	MAX. WIND LEVEL Pres mb.	MAX. WIND LEVEL Velocity deg.	MAX. WIND LEVEL Velocity mps.
01	00900	02	6 07	0					1	09 54	267	-58	5 313	0					9	10 80	221	319	13
02	00904	03	7 03	0					2	08 70	304	-55	7 306	0					9	09 07	286	318	25
03	00906	03	7 14	0					1	10 32	237	-61	4 319	0					9	09 24	282	344	26
04	59500	01	2 11	0					1	10 80	224	-63	9 321	0					9	10 05	255	020	35
05	855--	71	3 01	0					1	10 67	230	-62	7 320	0					9	09 28	287	323	43
06	862--	10	7 06	0					1	09 67	263	-57	8 316	0					9	08 35	325	289	26
07	75500	70	7 05	0					1	09 02	287	-56	7 309	0					9	08 78	298	202	17
08	00904	02	7 06	0					1	08 62	302	-56	6 305	0					9	01 38	847	169	13
09	70870	02	7 02	0					1	07 70	345	-47	5 306	0					9	07 84	398	199	16
10	855--	02	3 04	0					2	06 73	400	-43	4 298	0					9	07 07	360	198	22
11	35540	71	2 04	0					2	07 02	381	-47	0 298	0					9	05 15	502	290	13
12	864--	10	2 09	0					1	07 42	358	-44	2 307	0					9	06 92	387	310	27
13	65500	02	2 04	0					2	07 50	356	-46	5 305	0					9	29 47	013	171	14
14	855--	02	2 02	0					2	07 74	348	-47	8 305	0					9	06 30	431	298	26
15	855--	02	3 02	0					1	08 00	336	-52	0 302	0					9	23 22	034	124	12
16	864--	22	2 05	0					1	09 13	286	-54	3 313	0					9	06 55	424	325	16
17	65500	02	8 02	0					1	09 88	258	-59	2 315	0					9	07 20	389	306	27
18	853--	02	2 07	0					1	07 78	348	-46	8 307	0					9	12 80	166	313	17
19	45600	02	2 21	0					1	10 68	232	-56	6 328	0					9	07 88	356	334	66
20	75600	02	3 02	3	0 37	985	0 97	911	1	10 14	255	-55	9 321	0					9	10 10	257	294	37
21	25601	02	7 18	0					1	09 88	263	-56	4 318	0					9	16 90	090	329	16
22	862--	10	8 09	0					2	07 07	386	-43	5 302	0					9	06 74	407	280	53
23	854--	02	2 09	0					1	07 50	360	-45	3 305	0					9	13 82	142	321	13
24	55500	38	2 11	0					1	08 82	296	-49	0 317	2	20 75	050	-44	6 538	9	07 69	393	354	67
25	855--	38	2 12	0					1	07 79	347	-48	8 304	0					9	09 52	267	360	47
26	864--	02	4 00	0					1	08 72	302	-54	1 309	0					9	08 50	312	350	24
27	10740	02	3 04	0					1	07 75	349	-48	8 303	0					9	07 90	340	004	35
28	864--	71	2 01	0					1	06 30	426	-43	9 293	0					9	07 12	377	026	34
29	855--	71	7 04	0					1	08 56	313	-49	3 312	0					9	07 18	390	018	21
30	856--	02	7 08	0					1	07 48	364	-47	4 302	0					9	06 61	413	357	25
31	862--	71	2 09	0					1	07 17	376	-46	3 300	0					1	27 53	019	091	12
MEAN										08 52	316	-51	8 309		20 75	050	-44	6 538					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20371	-51	8	002	06	23688	-51	0	348	05	26334	-50	0							
02	20447	-50	9	015	06	23786	-50	5	036	10	26449	-47	1	043	06					
03	20417	-50	6	022	05	23753	-49	5	049	02	26409	-48	9	046	03	31060	-37	9		
04	20477	-51	0	045	05	23823	-48	0	062	03	26504	-46	9	035	10					
05	20431	-51	3	001	06	23780	-48	7	015	03	26452	-47	8							
06	20490	-49	9	033	02	23850	-47	4	070	03	26543	-45	7	050	07					
07	20446	-48	9	084	04	23815	-47	0	059	04										
08	20467	-47	5	102	03	23831	-47	3	104	07	26534	-43	7	171	05					
09	20545	-47	0	157	02	23943	-44	9	129	06										
10																				
11	20579	-48	0	271	01	23970	-45	0	171	06	26692	-43	1	140	07					
12	20610	-46	7	247	03	24012	-44	9	163	04	26747	-40	5	150	09					
13	20627	-47	0	247	03	24028	-43	8	177	04	26776	-40	0	159	09					
14	20615	-45	4	102	02	24026	-43	6	139	05	26770	-41	9	152	09					
15	20654	-45	5	329	02	24083	-42	1	144	03	26894	-41	7	138	10					
16	20740	-44	7	358	03	24180	-42	0	139	05	26922	-44	5	051	07					
17	20756	-44	9	353	03	24182	-43	5	352	02										
18	20848	-46	3	358	05	24251	-45	2	011	05	26982	-43	0	046	14					
19	20780	-47	1	040	02	24169	-46	4	093	02	26872	-44	3							
20																				
21	20826	-44	9	355	06	24240	-44	2	013	03	26969	-42	6							
22																				
23	20825	-43	9	350	10	24255	-43	7	022	07	26987	-42	8	057	10					
24	20754	-43	3	035	05	24189	-44	2	002	15										
25	20751	-43	1	015	09	24186	-43	5	056	08	26920	-43	6	027	08					
26	20814	-44	2	008	12	24243	-44	1	025	06										
27	20830	-43	5	067	13	24267	-44	3	050	11										
28	20847	-45	5	053	06	24282	-43	4	068	09	27023	-40	8	076	12					
29	20848	-44	6	087	06	24270	-44	3	040	11	27016	-39	4	085	10					
30	20781	-44	6	081	05	24206	-44	2	082	10										
31	20856	-42	2	096	08	24312	-41	9	104	14	27074	-39	4	086	12					
MN	20658	-46	6	*	28	24058	-45	3	*	61	26753	-43	7	*		31060	-37	9	*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA $N_h C_L h C_M C_H$	SURFACE ww	SURFACE p_{PPP}	FREEZING LEVELS Lowest Code	FREEZING LEVELS Lowest Alt. gpkm.	FREEZING LEVELS Lowest Pres mb.	FREEZING LEVELS Highest Alt. gpkm.	FREEZING LEVELS Highest Pres mb.	TROPOPAUSE (1) Code	TROPOPAUSE (1) Alt. gpkm.	TROPOPAUSE (1) Pres mb.	TROPOPAUSE (1) Temp. °C	TROPOPAUSE (1) θ °A	TROPOPAUSE (2) Code	TROPOPAUSE (2) Alt. gpkm.	TROPOPAUSE (2) Pres mb.	TROPOPAUSE (2) Temp. °C	TROPOPAUSE (2) θ °A	MAX. WIND LEVEL Code	MAX. WIND LEVEL Alt. gpkm.	MAX. WIND LEVEL Pres mb.	MAX. WIND LEVEL Velocity deg.	MAX. WIND LEVEL Velocity mps.
01	00904	02	3 11	0					1	09 77	257	-58	6 316	0					9	09 16	284	310	19
02	10940	02	3 01	0					1	09 17	285	-58	1 308	0					9	11 43	200	004	16
03	50880	02	3 02	0					1	09 59	266	-56	1 316	0					9	10 10	246	032	36
04	854--	71	5 00	0					1	10 94	220	-64	8 321	0					9	07 94	351	333	31
05	864--	71	7 05	0					2	10 23	244	-61	6 317	0					9	09 00	296	290	28
06	862--	71	7 07	0					1	09 28	277	-56	6 312	0					9	08 83	298	245	21
07	70780	02	7 06	0					1	08 59	305	-55	0 306	0					9	06 99	391	149	14
08	1552-	03	6 02	0					1	08 15	325	-54	8 301	0					9	08 00	333	163	30
09	00904	02	6 01	0					2	07 49	357	-46	4 304	0					9	06 21	432	190	19
10	855--	71	3 01	0					2	06 69	400	-45	5 296	0					7	13 90	137	269	12
11	855--	71	1 03	0					1	07 83	338	-46	5 309	0					9	07 44	359	288	31
12	854--	10	8 03	0					2	07 60	350	-46	5 306	0					9	07 49	357	285	24
13	854--	71	1 04	0					1	07 89	337	-47	0 309	0					9	06 78	400	293	19
14	854--	02	0 01	0					1	08 36	318	-52	0 307	0					9	06 69	410	311	17
15	864--	71	2 01	0					1	08 52	312	-51	9 309	0					9	07 59	360	332	22
16	854--	71	1 05	0					1	09 55	270	-56	8 315	0					9	08 30	328	330	26
17	855--	02	7 23	3	0 49	958	0 79	921	1	09 27	283	-56	2 312	0					9	02 09	781	223	15
18	854--	02	2 27	0					1	07 84	350	-46	1 307	1	13 43	152	-46	1 388	9	10 32	262	326	32
19	854--	02	8 06	0					2	10 34	247	-55	4 325	0					9	10 22	251	301	42
20	75400	03	8 05	0					1	10 70	234	-57	5 327	0					7	10 43	244	271	28
21	9-0--	49	7 16	3	0 78	919	1 29	862	1	10 30	244	-55	9 325	0					9	09 50	277	255	36
22	855--	71	3 02	0					2	06 79	400	-43	4 298	0					8	09 42	271	302	34
23	855--	71	2 22	0					1	09 20	282	-55	3 313	0					9	02 52	731	021	20
24	874--	71	7 34	0					2	08 23	322	-45	5 315	0					9	07 75	348	327	59
25	874--	71	8 04	0					1	08 66	305	-53	0 309	0					9	08 78	299	348	41
26	00901	71	4 00	0					2	06 78	400	-42	5 300	0					9	09 97	269	347	24
27	855--	71	7 05	0					2	06 44	420	-44	8 293	0					9	07 20	375	339	38
28	865--	71	2 08	0					2	07 47	366	-47	0 302	0					9	09 21	281	051	34
29	855--	71	7 16	0					1	09 34	277	-51	5 320	0					9	08 75	303	011	30
30	864--	78	7 06	0					1	07 67	351	-48	7 303	0					9	05 70	469	330	20
31	35681	71	1 09	0					2	06 78	400	-46	3 295	0					1	27 74	018	111	19
MEAN										08 56	314	-51	8 310		13 43	152	-46	1 388					

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.

JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1012	-06	6 81	090	06	0115	-07	2 82	088	05	0510	-09	1 82	070	04	0930	-11	1 80	031	03
02	1015	-05	2 80	040	06	0133	-06	6 80	042	06	0530	-07	7 63	030	05	0949	-10	3 42	025	04
03	1018	-05	2 74	090	02	0160	-06	7 76	055	01	0560	-07	4 63	040	01	0980	-06	4 42	043	03
04	1021	-05	3 81	120	02	0183	-08	4 79	151	02	0600	-04	1 40	209	02	1012	-03	2 A14	263	01
05	1020	-03	3 77	130	02	0175	-04	8 69	132	02	0580	-02	4 44	133	03	1009	-01	8 22	144	03
06	1019	-01	9 70	150	02	0170	-03	9 64	148	04	0580	000	2 45	147	11	1012	001	3 26	145	12
07	1014	000	2 86	100	05	0128	000	0 80	120	09	0525	-00	9 55	156	15	0970	001	9 35	164	14
08	1008	000	1 97	170	07	0087	-00	2 96	-		0500	-02	1 95	-		0927	-01	8 96	-	
09	1009	001	1 94	020	06	0092	000	9 94	026	04	0500	-00	8 93	045	04	0933	-02	7 91	076	04
10	1013	-00	7 85	300	05	0124	-01	6 85	296	07	0545	-04	9 86	291	09	0955	-05	1 87	279	10
11	1017	-00	7 85	070	05	0155	-01	8 85	039	03	0565	-03	8 81	123	04	0991	000	4 70	101	05
12	1008	000	6 91	070	08	0084	000	2 91	075	08	0500	-02	2 89	094	07	0924	-01	9 91	086	06
13	1010	001	3 82	340	01	0103	-00	2 82	339	01	0510	-03	0 86	327	02	0941	000	9 78	251	02
14	1014	001	1 83	010	05	0129	000	0 84	005	05	0540	-04	0 86	351	06	0969	-00	2 83	337	03
15	1020	000	3 77	330	04	0174	-01	4 79	309	03	0590	-02	0 75	293	02	1014	-00	8 59	302	02
16	1020	000	4 70	190	04	0178	000	8 65	207	05	0595	001	6 51	247	06	1027	002	0 24	254	08
17	1016	001	6 76	330	04	0148	000	3 77	343	04	0569	000	2 65	351	04	0991	000	3 45	330	06
18	1014	002	2 81	000	00	0135	001	4 82	211	02	0540	-01	7 85	201	05	0977	-01	4 64	195	02
19	1010	001	5 94	060	07	0097	000	5 92	064	07	0510	000	8 90	090	06	0941	-00	3 92	138	06
20	1011	002	2 71	030	09	0105	001	4 71	032	10	0500	-03	2 56	042	10	0944	-02	0 44	040	07
21	1015	002	0 66	250	03	0140	000	4 67	265	05	0550	-01	8 75	298	06	0978	-03	8 82	310	05
22	1013	003	3 77	270	07	0125	002	5 77	273	08	0540	-00	5 77	292	09	0968	-04	0 76	291	09
23	1011	002	3 76	000	00	0108	001	6 78	280	01	0520	-02	0 86	294	03	0948	-02	9 85	313	03
24	1009	002	8 87	000	00	0095	002	3 86	205	02	0500	000	0 79	212	05	0939	-02	5 78	204	04
25	1012	004	4 65	180	04	0119	003	8 65	-		0530	001	2 66	-		0967	-00	9 56	-	
26	1012	005	8 73	210	01	0115	005	0 52	223	01	0525	002	0 67	195	02	0966	000	4 50	180	02
27	1012	002	7 72	030	06	0116	001	8 73	026	07	0525	-01	9 78	016	07	0954	-05	7 84	360	07
28	1010	001	7 81	310	07	0098	001	0 83	314	08	0500	-02	9 90	336	09	0937	-03	1 91	345	06
29	1012	003	3 66	180	03	0114	002	3 68	202	04	0525	-01	5 79	284	06	0954	-02	2 57	327	05
30	1015	004	4 71	340	05	0138	003	1 73	324	05	0550	-01	4 78	293	04	0983	-01	3 65	307	06
MN	1014	00	5 79	*		128	-00	5 78	*		537	-02	2 74	*		966	-02	3 63	*	

CONSTANT PRESSURE DATA — 00 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1367	-11	8 81	066	03	1833	-11	2 74	082	04	2330	-13	9 64	091	05	2846	-16	7 92	101	05
02	1389	-10	8 59	044	05	1855	-12	2 54	097	04	2350	-13	5 69	054	08	2870	-15	5 69	062	05
03	1427	-05	6 38	356	02	1903	-07	0 61	336	04	2400	-10	3 60	010	04	2932	-13	3 55	016	05
04	1465	-03	5 A14	343	01	1944	-05	1 31	351	01	2450	-08	3 29	298	02	2981	-11	5 38	337	05
05	1465	-00	7 25	177	01	1949	-02	7 25	064	03	2460	-06	8 45	041	04	2990	-11	2 66	003	08
06	1471	000	1 20	146	08	1957	-01	3 A14	149	05	2460	-04	0 A14	151	04	3009	-07	2 A15	138	06
07	1430	001	0 20	159	12	1917	-01	4 A14	157	14	2435	-03	9 A14	158	13	2970	-05	4 A15	167	12
08	1384	001	2 95	-		1872	-00	4 94	-		2380	-02	1 93	-		2934	-03	8 92	-	
09	1390	000	2 93	155	02	1880	001	4 93	185	05	2400	-00	4 93	190	08	2947	-03	6 91	190	07
10	1405	-04	5 77	267	12	1884	-04	4 62	277	09	2400	-06	2 51	284	10	2930	-08	8 32	300	06
11	1450	000	4 54	093	07	1935	-02	3 35	089	06	2440	-05	2 37	100	07	2983	-07	4 24	136	04
12	1379	-02	9 92	085	07	1859	-04	8 91	071	05	2350	-06	8 90	065	03	2902	-08	8 89	351	04
13	1398	-01	0 72	217	01	1882	-02	3 66	218	01	2400	-02	9 25	022	01	2938	-05	8 23	215	01
14	1426	-00	8 48	329	03	1910	-01	8 26	319	04	2425	-04	6 25	320	05	2961	-08	0 25	315	05
15	1470	-01	3 32	304	02	1952	-04	3 36	299	04	2465	-06	3 31	316	08	2995	-08	6 A15	294	15
16	1486	-00	3 26	253	09	1968	-03	2 47	275	08	2470	-05	7 41	279	09	3012	-08	5 A15	287	10
17	1448	-00	4 26	318	07	1932	-02	8 A14	319	07	2440	-05	4 A15	311	11	2980	-07	7 28	310	12
18	1435	-00	9 37	282	01	1918	-03	8 30	271	03	2430	-06	7 30	294	04	2965	-09	2 38	280	06
19	1397	-01	4 94	166	06	1880	-03	8 94	161	06	2390	-06	9 93	178	05	2923	-10	1 91	189	08
20	1397	-05	1 48	038	07	1873	-06	7 42	032	10	2360	-06	7 57	021	06	2912	-11	3 65	334	04
21	1426	-07	2 86	332	07	1901	-04	7 39	002	08	2410	-06	2 A15	359	10	2944	-08	4 A15	003	09
22	1419	-05	9 68	286	09	1895	-06	5 60	289	09	2400	-08	6 36	288	09	2929	-11	5 31	289	08
23	1399	-05	3 78	347	05	1876	-05	6 63	341	07	2390	-08	2 60	332	08	2912	-11	6 62	326	11
24	1391	-03	5 58	208	04	1871	-05	0 48	212	02	2380	-08	7 52	230	02	2908	-11	6 32	276	04
25	1424	-00	5 40	-		1908	-02	7 33	194	03	2420	-04	9 25	240	01	2957	-07	8 A15	306	03
26	1427	001	3 33	285	01	1914	-01	1 26	296	02	2425	-03	8 A14	319	02	2968	-07	0 A15	315	03
27	1401	-05	9 78	342	10	1876	-06	3 61	335	11	2380	-08	3 57	336	13	2913	-10	0 A15	331	11
28	1389	-04	0 91	345	07	1868	-05	5 90	352	08	2375	-07	7 86	353	11	2907	-10	8 79	350	15
29	1397	-02	6 72	327	04	1875	-06	1 74	309	07	2390	-08	0 68	326	08	2911	-10	8 73	330	09
30	1437	-04	0 74	308	08	1914	-06	4 58	300	09	2420	-09	1 68	310	12	2948	-12	0 63	311	12
MN	1420	-02	8 58	*		1900	-04	3 52	*		2408	-06	7 48	*		2943	-09	5 45	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1013	-07	1 75	065	06	0117	-07	1 73	071	07	0515	-08	6 82	088	08	0934	-11	0 78	083	08
02	1017	-07	8 71	060	03	0147	-09	0 73	063	04	0540	-10	4 75	066	05	0961	-08	5 45	047	05
03	1020	-10	1 71	000	00	0175	-09	2 74	000	00	0580	-04	5 41	000	00	1002	-04	1 A14	000	00
04	1022	-09	4 76	000	00	0186	-07	0 67	163	01	0595	-04	1 40	128	03	1017	-02	8 A14	122	02
05	1020	-06	2 77	140	04	0172	-06	7 78	144	04	0580	-00	9 48	132	05	1010	-01	3 23	115	05
06	1018	-05	7 73	140	03	0156	-05	4 80	152	06	0575	000	0 31	161	11	1002	002	3 A14	151	09
07	1010	-00	7 97	150	09	0096	-01	2 96	-		0500	-03	7 92	-		0931	-02	5 92	-	
08	1008	-00	1 93	190	03	0086	-00	6 93	197	04	0495	-02	6 97	216	04	0923	-03	3 97	270	02
09	1009	-01	6 93	350	05	0091	-01	8 93	350	05	0500	-03	1 92	329	03	0927	-03	2 92	275	02
10	1019	-02	6 83	000	00	0170	-03	7 85	268	02	0580	-04	2 83	281	05	1003	-00	8 66	318	08
11	1012	000	1 88	060	06	0118	000	3 89	076	06	0530	-01	7 90	128	05	0957	-04	6 91	132	06
12	1009	-00	4 82	000	00	0089	-00	9 83	276	01	0490	-03	1 89	258	04	0928	-00	7 86	253	04
13	1011	-01	4 88	360	05	0108	-01	5 88	007	05	0525	-01	3 87	014	03	0950	001	2 82	008	01
14	1017	-02	6 84	330	02	0153	-03	8 86	337	03	0550	-03	8 81	344	04	0986	-01	5 68	303	03
15	1021	-04	2 81	030	02	0183	-03	8 83	320	03	0590	-02	0 75	292	04	1021	-01	2 39	299	08
16	1018	000	1 91	260	05	0161	-00	5 90	268	05	0580	-00	3 85	286	07	1003	000	1 80	290	11
17	1015	-00	6 79	070	03	0139	-01	8 82	072	04	0550	-01	4 64	102	03	0980	-00	1 42	185	01
18	1012	001	7 81	050	04	0117	001	3 82	062	05	0520	-00	2 83	109	06	0958	-03	0 78	131	05
19	1007	000	8 89	050	11	0079	000	3 90	051	11	0490	-00	6 92	072	11	0923	000	7 94	071	10
20	1015	-01	7 81	010	05	0137	-02	6 82	019	05	0540	-05	6 85	022	06	0968	-03	8 61	005	10
21	1015	-01	7 91	320	04	0136	-03	1 89	-		0540	-02	0 80	-		0974	000	0 69	-	
22	1011	000	0 80	250	05	0107	-00	2 79	261	07	0510	-01	2 77	282	10	0947	-02	3 76	270	05
23	1011	000	6 86	190	01	0107	-00	1 86	-		0510	-02	6 86	-		0944	-03	0 74	-	
24	1010	002	4 79	170	03	0104	001	9 77	180	04	0515	001	9 75	198	07	0951	-02	2 83	190	07
25	1013	002	8 82	170	02	0126	002	5 78	171	04	0540	001	3 65	152	08	0973	-00	2 51	165	06
26	1010	003	8 83	320	06	0103	003	8 75	321	07	0505	002	1 65	330	07	0953	-00	9 78	322	06
27	1012	000	2 80	320	05	0117	-00	4 79	329	05	0520	-02	8 74	346	05	0951	-05	4 69	337	04
28	1011	000	8 79	340	03	0104	-00	2 80	350	03	0510	-03	9 82	022	04	0936	-04	0 82	345	06
29	1014	000	2 74	340	03	0128	-00	4 76	328	04	0530	-02	0 71	288	07	0966	-02	1 49	287	07
30	1017	002	3 81	330	02	0158	000	8 82	324	02	0560	-03	4 83	293	03	0994	-05	1 82	298	03
MN	1014	-01	6 82	*		129	-02	0 82	*		536	-02	4 76	*		966	-02	4 66	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1371	-12	7 76	076	09	1834	-12	9 76	091	09	2320	-15	1 78	083	10	2843	-15	5 78	109	08
02	1403	-09	5 47	030	05	1872	-10	8 63	040	04	2350	-12	4 72	058	05	2892	-14	5 -	061	05
03	1451	-05	3 A15	321	02	1926	-06	6 A15	339	04	2430	-09	0 29	018	04	2958	-12	0 39	024	05
04	1469	-02	8 A14	074	02	1948	-05	1 A15	013	02	2450	-07	6 A15	354	04	2986	-10	9 A15	353	05
05	1465	-01	8 34	100	05	1947	-03	8 47	069	04	2460	-07	6 58	050	04	2990	-08	0 23	060	06
06	1462	000	7 A14	150	09	1948	-01	2 A14	167	08	2470	-03	3 A14	162	10	3003	-07	2 A15	145	08
07	1386	-00	4 94	-		1874	001	4 96	-		2390	-00	3 96	-		2943	-02	8 94	-	
08	1376	-02	0 99	215	08	1858	-01	9 97	210	08	2370	-04	9 71	220	06	2909	-05	2 36	213	07
09	1380	-02	6 94	210	03	1862	-03	4 94	204	06	2375	-04	9 93	227	06	2913	-07	6 90	204	08
10	1460	000	1 35	317	07	1944	-02	6 44	226	09	2450	-05	5 43	322	06	2991	-07	9 30	313	07
11	1410	-02	2 75	101	09	1894	-01	3 42	091	11	2400	-03	6 27	086	13	2944	-06	4 27	077	10
12	1384	-01	2 77	257	05	1867	-01	8 67	249	04	2390	-01	8 38	280	03	2927	-04	7 37	280	04
13	1408	-00	4 73	348	01	1892	-02	7 62	320	01	2400	-04	0 27	330	02	2945	-06	3 A15	335	03
14	1440	-02	4 45	304	05	1921	-03	8 27	305	05	2430	-06	9 36	295	06	2963	-09	4 24	294	07
15	1478	-01	8 48	300	09	1958	-05	3 64	309	10	2470	-07	2 39	312	12	2999	-09	4 A15	304	11
16	1461	000	3 53	293	12	1946	-02	4 67	294	14	2460	-05	7 61	293	13	2993	-09	0 53	302	14
17	1436	-01	6 34	330	02	1918	-03	9 31	299	05	2410	-06	8 27	307	06	2960	-10	0 35	312	09
18	1411	-02	0 43	135	04	1890	-05	4 42	153	04	2400	-07	2 72	176	05	2930	-09	5 82	232	11
19	1380	-01	6 93	062	07	1862	-04	6 92	064	08	2360	-07	7 91	068	09	2900	-10	8 86	062	09
20	1419	-04	8 59	354	10	1895	-06	7 52	355	09	2395	-09	2 48	360	09	2927	-13	0 60	007	09
21	1430	-02	1 69	-		1910	-05	9 75	-		2420	-08	0 52	-		2948	-09	9 46	-	
22	1399	-04	7 80	290	04	1875	-07	4 86	292	08	2375	-11	1 84	292	10	2900	-15	1 82	293	06
23	1397	-03	6 60	-		1876	-04	9 51	-		2380	-07	8 54	-		2914	-10	9 57	340	04
24	1406	-01	3 52	181	04	1878	-03	7 49	189	03	2380	-06	7 33	248	02	2920	-09	7 30	289	02
25	1430	000	7 32	143	04	1915	-02	4 31	140	01	2420	-04	6 A15	276	01	2965	-07	4 A15	313	01
26	1407	-01	1 42	307	07	1890	-01	7 22	311	07	2400	-04	7 A15	309	10	2940	-08	0 A15	304	11
27	1397	-07	2 56	333	04	1871	-06	6 35	355	04	2370	-07	1 26	329	07	2910	-09	4 29	319	07
28	1388	-03	1 82	349	08	1868	-04	9 70	354	09	2380	-08	5 69	352	11	2904	-12	4 75	-	
29	1420	-03	4 34	285	06	1899	-05	6 25	283	06	2400	-08	2 25	288	07	2935	-10	9 24	303	09
30	1442	-06	3 58	346	03	1915	-07	6 67	336	05	2410	-08	6 37	325	09	2950	-10	8 35	329	10
MN	1419	-02	9 56	*		1898	-04	5 54	*		2404	-06	9 48	*		2940	-09	5 44	*	

A Statistical Value for Relative Humidity

** Vector Mean Wind*

– Entered under Wind Direction indicates a Stratum of Missing Wind Data

MOULD BAY, N.W.T.
JUNE 1963

STATION-INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3989	-23	3	28	148 04	5298	-33	1	30	112 03	6831	-43	0		089 02	8736	-46	8		139 09
02	4016	-22	5	70	051 04	5327	-32	6	70	105 07	6877	-41	1		114 19	8786	-47	2		112 16
03	4090	-18	2	56	317 09	5430	-26	5	56	320 04	7007	-38	1	33	312 02	8933	-51	2		104 05
04	4147	-19	4	48	339 09	5477	-28	7	A19	329 11	7037	-40	2		322 09	8945	-51	8		189 10
05	4162	-17	4	49	351 08	5503	-26	7	A19	347 08	7076	-38	1	A22	359 18	9003	-50	8		346 21
06	4193	-15	2	A16	145 06	5548	-23	2	A18	254 04	7144	-34	6	23	257 10	9094	-49	1		262 15
07	4162	-12	6	69	186 07	5540	-20	3	69	-	7152	-32	4	62	-	9110	-48	3		214 15
08	4131	-13	6	57	-	5503	-21	4	A18	209 18	7115	-31	6	A20	212 22	9084	-47	4		199 24
09	4150	-10	8	85	170 07	5525	-20	6	73	167 04	7144	-31	4	53	184 12	9117	-46	5		-
10	4108	-16	0	60	311 12	5460	-24	9	65	296 09	7042	-37	3	57	330 10	8984	-44	1		298 11
11	4167	-14	6	54	242 05	5526	-23	1	A18	278 07	7120	-35	5	A21	253 18	9085	-46	9		245 25
12	4093	-12	6	80	285 05	5460	-21	9	35	261 04	7063	-34	0	A21	152 02	9023	-45	4		201 08
13	4126	-15	1	40	195 04	5478	-23	9	41	188 06	7070	-35	6	A21	205 08	9007	-50	0		183 15
14	4141	-16	3	A17	296 09	5487	-26	1	A18	281 10	7067	-36	5	A21	271 11	9003	-49	3		274 11
15	4177	-16	9	A16	304 13	5533	-23	2	55	303 14	7134	-33	5	53	310 21	9095	-46	3		306 30
16	4194	-15	0	38	288 12	5549	-23	9	A18	294 14	7142	-34	8	A21	300 28	9094	-48	3		302 33
17	4161	-15	2	28	303 15	5517	-23	7	A18	300 15	7115	-34	7	A21	297 20	9064	-49	4		299 31
18	4141	-16	1	A17	279 09	5491	-24	3	59	293 12	7082	-36	1	63	277 15	9012	-50	6		281 15
19	4092	-18	9	63	206 10	5422	-29	2	38	216 17	6982	-39	6	32	226 25	8908	-48	5		236 22
20	4078	-18	9	52	016 08	5412	-27	6	A19	015 09	6982	-39	2	A22	322 05	8904	-47	9		295 05
21	4122	-17	1	A17	004 14	5464	-26	3	94	356 15	7038	-38	5	A22	003 16	8960	-51	0		334 11
22	4092	-19	6	38	290 15	5422	-29	3	48	282 13	6975	-41	6		281 17	8869	-55	0		274 14
23	4075	-19	6	42	335 05	5404	-29	0	32	335 17	6964	-40	0	A22	337 21	8889	-50	0		326 24
24	4072	-18	8	30	295 07	5407	-27	7	A19	313 12	6974	-39	5	34	320 10	8878	-54	2		329 12
25	4139	-15	1	27	317 04	5491	-25	3	35	319 07	7070	-38	0	33	318 10	8992	-52	0		312 15
26	4155	-14	7	A16	316 05	5509	-24	5	A18	301 07	7095	-35	5	38	309 13	9041	-49	6		307 18
27	4089	-16	0	A16	321 14	5439	-24	8	A18	311 18	7020	-37	9	A22	314 27	8942	-49	4		293 33
28	4086	-16	6	32	333 15	5440	-24	3	59	328 20	7032	-34	8	54	326 22	8977	-50	6		322 30
29	4084	-16	5	73	328 09	5436	-24	4	A18	313 15	7024	-35	4	48	303 21	8970	-49	8		299 28
30	4115	-17	5	29	305 15	5458	-25	9	38	311 15	7036	-37	6	32	306 21	8960	-49	9		315 20
MN	4118	-16	5	42	*	5465	-25	5	37	* 299 07	7047	-36	9	34	* 294 10	8982	-49	2		* 286 12

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3991	-23	7	76	104 08	5302	-31	6	75	110 10	6849	-42	2		124 10	8758	-48	7		129 13
02	4044	-21	4		017 05	5371	-28	7		042 05	6931	-40	2		082 07	8840	-50	5		092 11
03	4124	-18	3	45	338 10	5462	-27	9	A19	328 13	7028	-39	1	A22	352 03	8950	-51	3		144 04
04	4153	-18	8	A17	343 08	5482	-29	9	A20	337 14	7032	-41	6		332 12	8938	-50	7		338 09
05	4168	-16	6	A17	026 05	5514	-25	7	A19	352 09	7101	-35	1	A21	350 08	9046	-50	0		324 12
06	4192	-13	0	A16	265 04	5557	-22	1	36	262 05	7161	-33	2	30	266 13	9117	-48	6		261 23
07	4150	-09	6	88	-	5534	-19	0	80	-	7155	-31	5	72	-	9128	-47	0		-
08	4109	-10	8	A15	214 12	5487	-20	7	41	213 14	7097	-33	6	42	215 20	9045	-50	6		219 18
09	4094	-16	0	80	175 05	5442	-25	9	67	088 08	7015	-39	0	68	058 09	8959	-44	2		132 09
10	4172	-16	5	45	229 07	5524	-24	8	A18	262 16	7106	-37	0	A22	291 16	9039	-49	0		225 12
11	4135	-13	0	24	090 10	5498	-23	3	A18	072 08	7100	-33	7	A21	105 04	9059	-48	0		180 04
12	4123	-12	9	26	206 08	5482	-23	9	A18	200 09	7072	-35	0	A21	200 15	9016	-50	0		197 16
13	4131	-15	6	55	220 01	5481	-24	7	60	238 05	7074	-35	6	36	193 08	9019	-49	3		194 12
14	4133	-18	6	A17	287 09	5473	-26	1	A19	311 11	7050	-37	7	A22	321 19	8979	-48	2		327 29
15	4176	-15	4	A16	302 13	5535	-22	7	51	297 18	7135	-35	2	A21	294 26	9085	-48	3		302 32
16	4172	-15	7	31	306 17	5524	-24	2	32	307 16	7116	-34	5	35	295 26	9066	-49	1		292 36
17	4132	-17	4	42	310 08	5477	-25	2	28	310 17	7064	-36	0	A21	314 17	8995	-51	9		309 19
18	4106	-16	8	85	240 08	5449	-26	8	80	227 07	7019	-39	2	75	217 10	8938	-50	8		210 11
19	4069	-18	8	83	048 03	5402	-27	3	A19	243 05	6974	-36	5	46	225 15	8901	-52	3		235 15
20	4087	-17	4	A17	011 15	5429	-27	1	A19	001 17	6995	-40	0	A22	006 19	8907	-52	1		005 26
21	4120	-18	4	59	-	5458	-27	5	40	325 18	7026	-39	4	49	321 13	8941	-52	2		325 14
22	4051	-22	4	73	290 08	5381	-28	2	40	316 13	6943	-39	9	34	301 14	8858	-47	8		299 12
23	4084	-18	0	35	290 07	5417	-28	2	44	295 09	6980	-39	5	61	315 14	8891	-53	0		320 12
24	4095	-16	6	27	312 07	5440	-26	3	58	323 10	7013	-38	5	42	324 10	8926	-53	3		315 11
25	4152	-14	5	A16	316 02	5505	-24	7	A18	314 05	7092	-35	9	A21	338 07	9028	-50	6		336 16
26	4122	-15	1	A16	302 12	5473	-24	0	A18	304 11	7069	-35	0	A21	300 11	9008	-49	8		302 10
27	4090	-14	8	36	335 15	5448	-22	8	34	335 17	7045	-35	1	42	327 08	8988	-49	7		331 06
28	4082	-15	9	34		5432	-24	2	50		7030	-36	0	53		8983	-48	8		
29	4104	-17	4	35	287 13	5447	-26	0	39	296 16	7030	-35	9	30	300 18	8962	-50	2		294 24
30	4121	-16	5	A17	330 15	5471	-25	3	A19	332 15	7053	-36	8	A21	329 20	8983	-51	6		332 24
MN	4116	-16	5	39	*	5463	-25	5	37	* 311 08	7045	-36	9	36	* 299 08	8978	-49	9		* 298 09

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11467	-40	9		197 06	13427	-40	8		120 04	16177	-42	8		100 04	18578	-43	0		113 07
02	11495	-43	2		130 07	13435	-42	8		107 03	16163	-44	3		090 03	18555	-43	3		104 03
03	11611	-43	7		331 01	13544	-44	0		300 02	16271	-43	7		053 01	18672	-42	9		132 04
04	11619	-44	7		300 08	13550	-44	6		299 06	16265	-44	3		306 03	18662	-43	1		000 00
05	11670	-45	5		309 09	13590	-45	9		301 05	16301	-44	7		306 05	18698	-43	9		317 01
06	11722	-47	7		281 11	13635	-46	3		276 05	16340	-44	7		285 06	18739	-44	0		239 02
07	11723	-49	1		246 12	13626	-46	8		252 06	16321	-45	7		257 05	18703	-44	9		270 02
08	11734	-46	5		224 06	13651	-43	8		205 08	16364	-44	3		216 06	18759	-44	0		173 05
09	11763	-46	8		-	13686	-44	0		-	16400	-44	9		-	18788	-44	4		-
10	11733	-41	3		234 11	13681	-42	5		227 11	16417									
11	11753	-43	4		234 10	13691	-43	4		219 06	16416	-43	9		224 07	18815	-43	4		219 02
12	11717	-43	5		203 09	13657	-43	0		213 06	16389	-43	0		184 04	18787	-43	8		147 03
13	11676	-43	0		218 06	13610	-44	4		231 04	16323	-44	3		208 05	18710	-44	1		170 03
14	11729	-40	1		255 08	13678	-43	6		247 07	16406	-43	4		257 03	18806	-43	2		102 03
15	11753	-44	3		306 17	13691	-42	7		282 16	16413	-44	0		287 09	18814	-43	9		273 06
16	11739	-45	9		300 08	13670	-43	6		292 20	16384	-44	0		313 06	18784	-43	6		000 00
17	11718	-43	4		303 12	13655	-43	6		302 02	16381	-43	1		313 03	18789	-42	9		010 05
18	11687	-42	1		294 10	13635	-42	8		306 08	16365	-42	4		321 04	18777	-42	3		350 04
19	11632	-41	7		252 05	13577	-42	9		267 04	16308	-42	5		239 03	18709	-43	4		023 05
20	11633	-39	5		311 07	13592	-41	6		277 03	16335	-42	1		274 04	18748	-42	7		333 03
21	11629	-42	5		312 07	13576	-42	1		318 07	16316	-42	0		305 04	18733	-41	9		327 02
22	11562	-42	8		295 07	13502	-43	1		300 06	16234	-42	4		309 05	18646	-42	8		155 07
23	11589	-42	2		269 07	13541	-41	0		279 06	16295	-41	2		293 02	18723	-41	6		099 06
24	11544	-43	8		301 08	13480	-43	1		296 06	16220	-41	8		295 04	18636	-41	7		125 03
25	11652	-44	4		290 10	13585	-43	1		286 08	16328	-41	7		270 04	18747	-41	5		300 02
26	11701	-44	2		291 10	13637	-43	1		281 09	16374	-42	4		298 04	18788	-42	3		211 04
27	11652	-41	7		307 16	13596	-42	9		282 12	16333	-42	3		310 05	18744	-41	7		067 06
28	11653	-43	4		306 09	13592	-42	5		302 07	16337	-42	0		264 02	18754	-40	8		210 03
29	11643	-43	4		310 11	13578	-43	3		292 05	16313	-41	7		307 03	18737	-41	3		313 03
30	11696	-40	9		300 12	13649	-42	0		294 09	16400	-40	5		295 06	18825	-41	3		020 04
MN	11663	-43	5		* 279 07	13601	-43	3		* 275 06	16330	-43	1		* 279 03	18732	-42	9		*

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11473	-42	3		131 08	13420	-42	4		124 06	16154	-43	3		102 06	18549	-45	6		116 04
02	11537	-43	6		096 02	13474	-43	3		071 03	16202									
03	11622	-44	5		293 02	13551	-44	2		301 04	16273	-43	7		330 02	18671	-44	0		020 01
04	11621	-44	7		314 08	13544	-44	9		305 04	16253	-45	2		330 01	18642	-44	7		000 00
05	11667	-47	3		302 10	13574	-46	3		305 06	16278	-45	0		268 02	18667	-44	0		000 00
06	11748	-46	4		264 09	13664	-45	3		269 06	16376	-45	1		274 04	18772	-43	8		100 04
07	11755	-48	7		212 15	13665	-46	3		205 08	16361	-45	7		223 03	18744	-45	1		000 00
08	11681	-45	8		219 06	13600	-43	9		223 06	16315	-44	8		250 05	18707	-43	9		217 04
09	11692	-43	4		188 11	13630	-42	8		189 07	16352	-45	2		204 04	18738	-44	3		190 02
10	11746	-42	3		223 12	13688	-42	9		218 06	16418	-43	3		239 07	18815	-43	9		179 01
11	11724	-44	3		212 08	13654	-44	3		201 05	16373	-44	3		188 03	18767	-44	0		170 02
12	11691	-43	5		213 07	13630	-43	9		290 02	16344	-44	3		176 03	18735	-44	5		175 05
13	11710	-41	3		242 05	13656	-43	4		258 04	16381	-42	5		199 05	18779	-43	0		187 02
14	11693	-41	2		295 13	13641	-43	7		305 07	16362	-44	1		150 03	18755	-43	5		185 05
15	11740	-44	9		293 12	13673	-43	2		283 10	16395	-43	9		293 05	18798	-42	4		321 05
16	11720	-44	8		314 11	13658	-44	0		309 11	16381	-43	6		299 12	18784	-42	7		328 12
17	11653	-43	7		297 06	13585	-44	8		305 08	16298	-42	9		320 05	18697	-44	1		347 05
18	11638	-41	4		280 06	13586	-43	0		316 04	16316	-43	0		351 03	18726	-42	0		008 02
19	11600	-41	5		287 03	13555	-41	7		300 02	16287	-42	2		330 02	18697	-42	9		312 02
20	11610	-41	6		304 06	13558	-42	0		301 04	16296	-42	1		328 05	18707	-42	7		355 03
21	11612	-42	6		307 06	13555	-43	3		310 05	16291	-41	9		342 04	18709	-41	3		040 03
22	11591	-41	0		288 11	13540	-41	6		314 02	16283	-41	6		330 03	18708	-40	9		000 00
23	11560	-43	0		305 06	13503	-42	0		285 06	16246	-41	6		290 03	18672	-41	4		330 05
24	11600	-43	7		294 10	13542	-42	2		293 06	16286	-42	1		276 03	18706	-40	9		139 02
25	11665	-45	1		299 09	13595	-43	9		273 06	16325	-43	2		307 07	18724	-43	1		243 02
26	11677	-43	2		300 14	13616	-42	0		298 11	16358	-41	8		332 05	18775	-41	9		322 04
27	11644	-44	3		338 07	13578	-43	5		315 05	16306	-43	1		317 02	18714	-42	1		009 02
28	11634	-44	9			13568	-43	7			16294	-42	3			18719	-41	0		
29	11670	-42	1		304 14	13614	-43	3		309 08	16354	-41	7		320 05	18775	-41	1		308 03
30	11669	-42	5		312 12	13611	-43	1		302 09	16340	-42	8		311 07	18757	-41	2		331 07
MN	11655	-43	7		* 278 06	13591	-43	5		* 280 04	16317	-43	3		* 291 03	18724	-43	0		*

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

MOULD BAY, N.W.T.
JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74072	76°14'N	119°20'W	20 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20850	-42	2	107	08	24311	-40	4	110	08	27090	-38	7	111	07					
02	20819	-44	5	160	04	24259	-42	0	087	05										
03	20947	-41	7	109	04	24416	-40	6	133	02	27194	-39	8	122	05					
04	20926	-43	2	058	02	24384	-41	6	070	04	27152	-38	4	090	05					
05	20960	-43	2	000	00	24418	-39	9	161	01										
06	21000	-42	9	245	03	24462	-41	5	070	05										
07	20957	-43	6	000	00	24410	-42	2	133	04										
08	21021	-43	8	150	04	24474	-42	8	074	03										
09	21045	-43	6	-		24492	-42	9	008	01										
10																				
11	21088	-41	8	091	03	24550	-41	3	080	07										
12	21054	-42	6	143	02	24526	-40	0	099	06	27315	-36	9	118	06					
13	20980	-42	5	172	04	24428	-43	0	146	05	27193	-39	4	119	06					
14	21085	-40	8	219	03	24555	-41	4	108	04										
15	21091	-41	3	110	08	24558	-42	5	194	07	27310	-40	4	081	10	32085	-35	3	080	01
16	21054	-42	1	062	08	24524	-41	8	024	04	27275	-39	7	073	04	32071	-35	5	000	00
17																				
18	21058	-41	7	016	03	24534	-41	0	083	04	27307	-37	8	083	07					
19	20982	-41	8	350	01	24456	-40	8	022	02										
20	21028	-42	1	015	03	24508	-39	0	055	04	27302	-36	7	100	04					
21	21014	-40	5	109	02	24490	-40	0	034	06	27275	-37	4	042	07					
22	20920	-41	9	067	03	24388	-40	2	090	02	27171	-35	6	087	08					
23	21007	-41	1	318	05	24490	-39	2	127	04										
24	20913	-43	2	165	05															
25	21031	-41	4	256	02	24500	-40	4	135	03	27290	-36	6	165	03					
26	21071	-41	3	110	02	24540	-39	8	075	04	27333	-36	3	071	06					
27	21025	-41	8	127	08	24489	-40	2	072	05	27280	-36	7	122	06					
28	21042	-40	9	330	05															
29	21022	-41	0	117	02	24503	-40	5	109	09	27297	-36	0	069	02					
30	21113	-40	7	000	00	24604	-38	2	294	03	27413	-35	2							
MN	21004	-42	1	*111	02	24472	-40	9	* 93	03	27262	-37	6	*		32078	-35	4	*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA			FREEZING LEVELS Lowest				FREEZING LEVELS Highest				TROPOPAUSE (1)					TROPOPAUSE (2)					MAX. WIND LEVEL				
	$P_0 C_l h C_M C_H$	ww	oppp	Code	Alt. gpkm.	Pres mb.		Alt. gpkm.	Pres mb.		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	75600	01	203	0							2	07	42	366	-47	4	301	0					9	28	23	017	116	13
02	55601	02	203	0							1	08	21	327	-49	7	308	0					9	07	31	374	113	23
03	26501	02	106	0							1	09	21	287	-53	0	314	0					1	28	92	016	117	11
04	65200	02	000	0							1	09	09	294	-52	3	314	0					9	05	20	320	330	12
05	10850	02	705	0							2	08	86	307	-50	4	312	0					9	08	03	348	354	27
06	00901	02	503	3	0	54	956	1	54	843	1	10	18	253	-55	3	323	0					9	08	33	337	272	16
07	50897	02	714	2	0	13	000	1	64	828	1	10	28	250	-57	7	321	0					9	10	48	243	220	23
08	872--	60	000	2	0	04	006	1	76	810	1	10	20	252	-55	6	322	0					9	08	50	326	205	33
09	872--	60	801	2	0	31	973	2	33	757	1	10	22	254	-54	0	324	0					9	07	41	385	180	14
10	65550	02	221	0							1	08	36	329	-46	0	312	0					7	06	44	436	319	13
11	25400	02	810	3	0	87	915	1	53	841	1	09	83	267	-52	8	321	0					9	09	19	295	244	27
12	852--	02	714	1	0	13	995	0	13	995	1	10	11	253	-49	9	331	0					9	09	92	261	185	19
13	75200	02	203	2	0	09	001	1	04	889	1	09	41	282	-52	5	317	0					9	09	41	282	187	17
14	75400	02	209	2	0	13	000	0	80	920	1	09	29	287	-50	3	318	1	13	89	145	-44	2	397	9	09	92	260	269	19
15	25501	02	108	1	0	04	018	0	04	018	1	10	47	244	-54	6	328	0							9	09	37	288	307	33
16	30930	02	706	1	1	43	856	1	43	856	1	09	95	262	-54	7	320	0							9	10	32	247	292	47
17	35500	01	706	2	0	19	996	1	36	860	2	09	73	270	-54	5	318	0							8	08	58	322	303	34
18	854--	02	702	2	0	32	978	1	30	865	1	09	89	262	-55	0	320	0							9	09	94	259	284	17
19	854--	21	806	2	0	14	994	0	80	915	2	08	77	307	-48	7	315	0							9	07	52	370	294	31
20	25540	01	213	1	0	24	982	0	24	982	2	08	14	337	-47	3	308	0							9	00	28	978	037	12
21	855--	02	705	1	0	17	996	0	17	996	1	09	70	267	-55	2	318	0							9	07	95	350	358	18
22	11448	02	604	1	0	46	959	0	46	959	1	08	87	300	-55	0	308	0							9	08	40	322	269	18
23	854--	20	007	1	0	29	979	0	29	979	1	09	20	286	-51	9	317	0							9	08	37	326	326	30
24	15400	02	701	1	0	50	950	0	50	950	1	09	35	279	-56	6	312	0							9	09	26	283	326	19
25	00901	02	206	2	0	72	928	1	33	860	1	09	29	286	-54	3	313	0							9	10	17	250	313	18
26	11408	02	602	1	1	71	821	1	71	821	1	09	79	267	-55	2	318	0							9	09	54	277	315	21
27	844--	03	105	1	0	32	976	0	32	976	2	08	31	330	-48	1	309	0							9	07	20	390	310	39
28	855--	02	400	1	0	22	987	0	22	987	1	09	52	275	-53	5	317	0							9	09	17	292	328	39
29	75500	02	303	1	0	38	969	0	38	969	1	09	94	274	-54	3	317	0							9	09	90	259	306	33
30	22531	02	305	1	0	43	966	0	43	966	1	08	80	306	-51	4	311	0							9	06	90	407	306	22
MEAN											1	09	33	285	-52	6	316		13	89	145	-44	2	397						

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20810	-43	0	116	08	24258	-41	9	086	12	27015	-40	2	102	08					
02																				
03	20938	-42	1	129	01	24394	-40	9	000	00	27154	-40	0	089	06					
04	20898	-43	6	309	05															
05	20926	-44	2	014	02	24379	-41	8	067	03	27140	-37	9	081	08					
06	21036	-42	8	050	04	24498	-41	6	097	04	27264	-39	2	124	06					
07	20997	-43	5	141	05	24437	-42	9	149	06	27178	-42	0							
08	20973	-42	9	052	16	24423	-42	8	123	05	27174	-40	1	115	04	31990	-32	5		
09	21001	-43	4	162	03	24441	-42	3	078	06										
10	21082	-42	8	063	04	24540	-41	7	225	06	27298	-39	6	113	05					
11	21031	-43	0	071	03	24487	-41	5	090	08	27245	-39	3	119	03					
12	21000	-42	2	129	06	24449	-42	0	038	12	27206	-40	4	100	08					
13	21054	-41	8	160	02	24518	-41	2	091	07	27283	-39	8	094	08					
14	21027	-42	1	083	03	24484	-41	8	102	06	27249	-39	2	086	05	32081	-31	2	066	10
15	21079	-41	2	126	06	24551	-41	2	116	02	27312	-39	2	014	06					
16	21062	-41	6	297	12	24536	-41	1	301	16	27301	-39	0	307	12					
17	20969	-42	1	068	06	24423	-42	0	050	07	27186	-39	1	050	06					
18	20999	-42	5	031	04	24461	-41	2	061	06	27229	-39	4	067	07					
19	20964	-43	0	043	03	24450														
20	20981	-42	0	063	03	24452	-39	6	040	05	27244	-36	5	061	08					
21	20998	-41	0	060	03	24465	-41	3	085	06	27247	-36	7	065	06					
22	20997	-42	3	160	03	24460	-39	8	097	05	27254	-36	1	112	11					
23	20950	-42	2	322	07	24421	-40	9	048	02	27196	-36	9	128	06					
24	20994	-40	3	056	02	24478	-39	1	104	04	27291	-34	9	110	06					
25	20995	-42	3	001	01	24450	-42	8	118	01	27227	-37	2	087	02					
26	21054	-42	0	257	03	24520	-40	3	094	09	27305	-36	8	073	07					
27	20984	-43	2	063	06	24442	-41	2	092	04	27204	-38	1	138	07	32005	-33	9	050	10
28	21004	-40	8			24484	-40	5			27269	-37	0							
29	21059	-41	4	025	02	24535	-40	6	116	05	27315	-38	7	121	06					
30	21042	-41	8	260	03	24506	-40	5	087	03	27284	-38	1							
MN	20997	-42	3	* 57	02	24462	-41	3	* 81	04	27233	-38	5	*		32025	-32	5	*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA			FREEZING LEVELS Lowest				FREEZING LEVELS Highest				TROPOPAUSE (1)					TROPOPAUSE (2)					MAX. WIND LEVEL				
	$P_0 C_l h C_M C_H$	ww	oppp	Code	Alt. gpkm.	Pres mb.		Alt. gpkm.	Pres mb.		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	25549	02	303	0							2	07	96	339	-48	3	307	0					9	07	84	345	122	21
02	15506	01	201	0							1	08	54	314	-51	4	309	0					7	08	50	316	089	12
03	9-0--	49	206	0							1	09	27	286	-53	3	315	0					9	04	89	341	324	16
04	00900	02	201	0							1	08	86	304	-50	9	313	0					9	05	28	314	335	14
05	00900	02	802	0							1	10	22	250	-58	0	320	0					9	08	64	319	329	13
06	00901	02	705	3	0	41	969	1	63	832	1	10	29	250	-57	0	322	0					9	09	24	295	255	26
07	864--	10	708	3	1	48	841	2	33	755	2	10	22	253	-55	6	322	0					9	09	54	282	228	37
08	862--	10	302	0							1	09	89	262	-56	9	317	0					9	07	45	380	217	22
09	871--	71	205	0							2	07	70	361	-42	4	308	0					9	07	61	368	064	13
10	854--	02	207	3	1	14	885	1	51	845	1	09	19	294	-49	3	318	0					9	07	75	365	239	22
11	75200	02	709	1	0	27	982	0	27	982	2	09	49	281	-51	2	319	0					9	26	55	022	116	18
12	65200	02	206	0							2	09	29	288	-51	9	316	0					9	10	18	251	196	21
13	50930	10	303	3	0	74	924	1	33	858	1	09	61	274	-53	4	318	0					9	08	67	316	192	15
14	75400	02	209	0							1	09	06	296	-48	5	318	0					9	08	90	303	329	30
15	00906	03	104	3	1	11	890	1	25	876	2	09	66	273	-52	4	320	0					9	08	68	319	302	35
16	75300	02	703	2	0	06	014	1	54	841	1	10	15	253	-54	9	323	0					9	06	72	422	299	39
17	10930	02	801	3	0	69	934	0	97	901	1	09	82	264	-54	9	320	0					9	08	00	348	309	22
18	855--	02	709	1	0	49	955	0	49	955	1	08	81	305	-50	8	312	0					9	08	44	324	210	15
19	854--	02	500	2	0	10	998	1	14	875	1	09	02	295	-53	3	312	0					9	07	19	389	223	17
20	855--	02	204	0							1	08	99	297	-52	6	312	0					9	09	30	283	360	27
21	55430	01	803	3	0	77	924	1	06	890	1	09	34	282	-55	0	314	0					9	05	50	497	328	18
22	65530	02	601	1	0	02	011	0	02	011	2	08	18	333	-48	9	307	0					9	04	40	572	310	16
23	855--	02	703	1	0	10	001	0	10	001	1	09	49	273	-54	3	318	0					9	06	90	405	316	16
24	25550	02	206	1	0	71	927	0	71	927	1	08	89	301	-53	4	310	0					9	10	60	233	313	15
25	00908	02	807	2	0	93	905	1	53	839	1	09	89	262	-57	4	317	0					9	09	80	265	334	20
26	25530	02	703	1	0	82	913	0	82	913	1	09	78	266	-53	2	321	0					9	11	62	201	301	14
27	11500	01	704	1	0	05	009	0	05	009	2	09	57	274	-54	0	318	0					9	04	70	552	342	18
28	75500	02	202	1	0	09	002	0	09	002	1	10	28	246	-55	4	325	0					1	02	80	710	353	12
29	15539	02	203	1	0	06	009	0	06	009	1	09	02	298	-50	4	315	0					9	09	47	277	296	27
30	75500	02	208	1	0	23	990	0	23	990	1	09	53	275	-54	2	317	0					9	07	93	351	330	24
MEAN											1	09	33	285	-52	8	316										

A Statistical Value for Relative Humidity

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.
JANUARY 1963
STATION INSTRUMENTATION
USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1013	-30 0	75	100	02	0158	-26 1	72	110	02	0530	-25 2	76	140	05	0926	-21 8	64	139	04
02	1022	-31 0	66	120	06	0222	-29 6	68	143	08	0590	-26 9	71	176	10	0980	-26 9	66	183	09
03	1018	-25 6	73	090	10	0194	-26 3	72	-		0560	-28 0	70	-		0950	-29 9	67	-	
04	1006	-27 8	71	040	05	0110	-25 1	61	041	04	0480	-26 6	62	069	02	0871	-29 6	68	087	05
05	1016	-33 8	62	220	05	0174	-33 6	69	239	05	0530	-33 0	68	250	09	0916	-32 4	73	250	17
06	1016	-30 7	74	080	13	0180	-30 2	74	-		0540	-29 0	75	-		0933	-27 8	74	-	
07	1005	-27 8	74	050	19	0096	-26 7	74	051	18	0470	-22 8	73	057	10	0866	-25 9	74	085	05
08	1004	-25 6	78	040	19	0094	-25 0	78	042	18	0480	-18 7	73	068	12	0874	-21 0	75	090	09
09	1002	-23 9	79	035	20	0079	-23 8	75	036	19	0470	-11 8	71	039	13	0876	-13 9	75	061	04
10	1003	-30 6	74	330	13	0083	-30 8	75	076	13	0460	-21 4	79	010	12	0856	-16 4	80	026	05
11	1015	-33 5	72	360	07	0167	-32 7	65	-		0530	-29 2	65	-		0920	-26 2	72	-	
12	1017	-38 3		325	04	0179	-33 3	64	344	05	0530	-27 4	59	009	06	0932	-27 8	52	007	04
13	0998	-30 6	74	355	17	0053					0420	-23 0	78	034	16	0823	-16 8	76	035	13
14																				
15	0991	-27 8	76	045	13	-004					0375	-23 6	80	085	08	0761	-26 4	80	128	06
16	0986	-35 4	71	340	18	-036					0330	-35 5	62	346	18	0706	-26 0	62	340	15
17	0996	-37 8		000	00	0036					0400	-34 5	63	-		0771	-33 4	68	-	
18	1011	-35 8	71	300	02	0141	-35 3	67	332	02	0500	-35 7	63	032	04	0879	-36 3	64	020	03
19	1015	-34 1	72	140	08	0170	-32 8	68	145	08	0530	-32 1	65	170	09	0912	-34 5	63	175	07
20	1022	-36 3	59	000	00	0218	-35 7	61	080	02	0580	-32 5	64	086	05	0959	-33 3	63	093	04
21	1018	-29 6	62	030	13	0194	-25 2	69	157	13	0560	-23 8	71	101	13	0962	-26 0	71	110	16
22	1020	-28 5	70	030	22	0209	-16 0	69	024	17	0600	-12 5	72	019	09	1012	-15 0	72	050	07
23	1017	-34 3	72	330	09	0183	-31 9	75	345	14	0560	-20 3	53	015	19	0957	-21 7	28	019	17
24	1003	-31 7	73	340	11	0082	-31 3	73	342	12	0450	-25 5	73	-		0844	-23 2	75	-	
25	1000	-33 9	72	020	13	0061					0430	-22 4	66	048	08	0824	-22 8	69	059	08
26	0998	-35 1	71	360	16	0051					0420	-27 0	67	-		0809	-22 8	66	-	
27	0992	-33 4	72	320	06	0009					0375	-23 9	92	032	08	0771	-22 6	47	037	07
28	1009	-36 1	70	010	08	0123	-34 5	69	014	08	0495	-25 3	69	010	07	0886	-23 7	51	018	09
29	1000	-29 2	74	140	14	0064	-25 2	74	140	14	0435	-28 0	77	186	14	0823	-26 5	77	208	19
30	1001	-33 3	72	110	07	0073	-33 2	72	111	07	0420	-33 5	71	155	09	0815	-30 5	73	166	09
31	0992	-35 9	72	000	00	0009					0370	-26 5	71	000	00	0761	-27 1	73	070	02
MN	1007	-31 7	71	*		112	-29 2	69	*		481	-26 2	68	*		872	-25 6	67	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1348	-20 8	95	180	04	1795	-23 7	A18	248	04	2260	-26 4	A19	255	05	2759	-29 1	99	245	06
02	1394	-25 7	61	189	09	1835	-25 5	56	171	10	2300	-27 2	52	161	10	2795	-30 4	51	152	09
03	1357	-30 0	68	-		1789	-30 2	69	135	12	2240	-32 0	72	141	14	2732	-33 8	72	125	13
04	1278	-31 3	69	076	05	1707	-33 2	70	059	03	2170	-35 2	70	065	04	2697	-37 3	71	060	02
05	1318	-32 2	76	256	13	1748	-31 2	76	285	08	2200	-32 8	74	294	08	2688	-34 7	72	304	09
06	1343	-28 6	75	-		1777	-29 7	75	111	05	2230	-31 8	74	106	04	2720	-34 2	73	113	04
07	1278	-29 1	74	084	08	1713	-29 0	76	075	11	2180	-29 1	75	086	10	2666	-31 1	73	082	07
08	1293	-23 6	78	088	11	1737	-23 5	80	079	11	2210	-25 0	80	096	07	2705	-27 3	80	108	12
09	1307	-17 3	77	071	10	1761	-18 4	78	065	10	2240	-21 7	81	051	12	2746	-23 0	78	070	08
10	1284	-18 0	86	017	05	1737	-19 6	90	024	05	2210	-21 9	87	075	04	2717	-25 6	85	105	09
11	1336	-24 0	77	-		1779	-24 8	79	023	04	2260	-26 3	79	359	02	2744	-28 1	79	190	01
12	1344	-26 9	39	310	02	1782	-27 9	29	236	01	2240	-27 8	28	242	01	2740	-29 5	28	198	03
13	1250	-19 2	78	040	11	1699	-22 0	81	046	10	2180	-22 9	80	037	14	2680	-21 8	78	061	12
14																				
15	1174	-26 1	78	109	09	1613	-26 2	75	129	11	2085	-27 6	73	138	10	2572	-29 8	70	125	10
16	1120	-26 4	62	344	10	1559	-26 8	61	360	08	2030	-27 9	61	019	06	2516	-30 4	62	005	07
17	1180	-26 7	74	-		1618	-26 6	73	-		2090	-28 2	75	-		2578	-30 4	79	-	
18	1270	-35 3	66	005	01	1697	-33 1	71	109	01	2150	-33 9	72	194	03	2632	-35 2	72	217	07
19	1310	-37 0	59	161	08	1729	-36 8	55	143	07	2190	-37 3	56	128	08	2694	-35 7	56	123	08
20	1961	-33 3	62	104	04	1789	-33 0	60	125	05	2230	-33 7	59	154	05	2725	-35 4	60	138	05
21	1377	-25 2	69	090	11	1818	-26 6	73	099	12	2280	-29 1	73	110	15	2774	-29 7	72	135	18
22	1442	-18 3	70	055	09	1893	-21 0	67	050	12	2370	-23 7	63	028	11	2868	-27 5	62	016	12
23	1379	-19 4	26			1830	-20 6	A17			2300	-22 5	A18			2810	-24 7	A18		
24	1266	-19 4	76	-		1718	-19 3	76	-		2200	-22 1	72	340	10	2700	-25 0	68	341	14
25	1245	-21 0	66	038	14	1698	-18 4	47	031	18	2180	-22 0	42	038	20	2683	-22 7	A18	035	17
26	1227	-25 9	63	005	13	1670	-24 5	67	006	15	2150	-25 0	72	007	16	2638	-27 6	67	005	16
27	1191	-21 6	39	009	12	1698	-22 9	40	007	13	2120	-25 4	39	012	14	2606	-27 4	37	013	15
28	1304	-23 3	55	022	08	1747	-25 7	60	016	09	2220	-26 7	68	019	15	2711	-27 1	33	017	19
29	1238	-25 5	77	210	19	1677	-27 4	78	221	17	2140	-28 5	78	226	18	2635	-28 2	77	228	18
30	1220	-31 7	75	183	08	1649	-32 0	75	184	10	2120	-33 1	79	176	09	2589	-32 9	76	184	09
31	1172	-28 7	76	084	03	1607	-27 8	73	128	04	2070	-29 2	50	160	05	2560	-32 1	A20	165	06
MN	1287	-25 7	66	*	65 03	1727	-26 2	65	*		2195	-27 9	64	*		2686	-29 6	61	*	72 03

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1018	-32 3	79	140	03	0192	-31 0	70	155	04	0570	-24 8	71	188	04	0955	-22 2	70	175	04
02	1023	-31 0	74			0225	-31 5	72			0590	-28 9	69			0978	-29 4	69		
03	1012	-26 7	77	050	08	0148	-25 0	73	060	09	0520	-26 7	72	104	10	0910	-28 9	73	106	08
04	1006	-30 4	74	270	03	0106	-30 2	74	271	03	0470	-28 0	75	303	08	0862	-28 3	76	315	09
05	1020	-34 9	71	130	05	0204	-33 1	71	146	06	0565	-30 3	72	173	05	0951	-30 6	73	184	03
06	1010	-33 1	72	060	15	0134	-29 1	70	064	14	0505	-25 9	66	098	08	0896	-28 3	65	086	09
07	1004	-30 9	74	060	18	0095	-28 7	73	060	18	0465	-22 7	64	099	07	0865	-25 0	63	088	05
08	1004	-22 7	80	050	18	0094	-21 8	79	051	17	0460	-16 4	77	056	08	0885	-18 6	78	088	07
09																				
10	1011	-30 6	74	020	07	0144	-31 1	69	024	05	0500	-30 0	68	035	02	0896	-25 2	72	035	02
11	1017	-38 8		350	07	0176	-39 1		351	07	0530	-28 1	68	349	08	0929	-26 2	64	355	06
12	1010	-37 2	57	320	10	0135	-36 9	65	330	11	0500	-22 9	68	001	12	0895	-23 8	45	017	08
13																				
14	0993	-28 8	69			0016					0380	-31 4	63			0760	-34 6	55		
15	0985	-30 6	74	020	17	-043					0330	-24 2	77	018	18	0722	-25 9	77	006	13
16	0990	-38 2		310	09	-004					0350	-38 6		340	10	0723	-30 8	54	333	08
17	1003	-34 0	72	350	05	0085	-34 1	70	354	05	0440	-34 2	46	022	06	0828	-33 8	55	028	07
18	1015	-34 9	71	090	05	0166	-33 7	49	108	05	0520	-36 0	55	162	06	0902	-34 1	60	176	10
19	1021	-36 7	70	110	01	0210	-32 6	48	110	02	0580	-33 7	54	087	04	0949	-34 9	60	084	05
20	1022	-35 2	71	050	01	0215	-29 0	53	-		0580	-31 8	57	-		0962	-30 6	55	-	
21	1017	-25 4	72	030	25	0191	-16 6		-		0590	-09 2		-		1001	-11 7		-	
22	1020	-32 9	73	010	16	0203	-30 5	73	015	16	0590	-20 3	71	031	14	0980	-18 4	74	042	10
23	1010	-32 3	73	330	14	0134	-32 2	72	334	14	0510	-24 3	74	360	17	0900	-19 9	75	359	12
24	0997	-35 6	60	320	11	0044					0405	-28 8	73	354	13	0796	-21 5	76	007	12
25	1006	-29 1	63	090	02	0104	-29 2	66	090	04	0475	-24 1	72	080	13	0870	-22 5	68	064	18
26	0993	-31 0	74			0014					0390	-21 9	70			0775	-21 8	67		
27	0999	-31 6	66	330	03	0055					0430	-23 0	43	030	09	0823	-22 6	45	039	09
28	1009	-31 6	73	000	00	0130	-31 7	69	075	02	0495	-24 4	67	293	07	0892	-24 5	68	299	09
29	1001	-28 7	75	150	13	0073	-28 7	75	150	13	0445	-30 7	74	175	11	0821	-29 4	74	193	10
30	0994	-29 8	61	090	07	0021					0390	-30 2	72	-		0770	-30 1	74	-	
31	1004	-31 7	73	120	08	0094	-31 4	73	125	08	0450	-29 3	70	170	06	0847	-28 6	71	166	05
MN	1007	-31 9	71	*		116	-30 3	68	*		484	-26 9	67	*		874	-26 3	66	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1377	-21 5	41	144	04	1823	-23 8	47	194	03	2290	-26 5	43	103	02	2786	-29 8	42	074	03
02	1390	-25 3	68			1832	-24 9	67			2300	-27 4	65			2795	-28 8	61		
03	1319	-29 1	71	104	06	1752	-30 8	72	102	07	2210	-32 4	73	105	10	2695	-33 0	71	110	09
04	1269	-31 4	77	324	09	1696	-34 1	78	319	06	2150	-35 3	77	320	07	2626	-37 2	77	335	07
05	1358	-30 6	74	154	03	1791	-30 0	68	159	02	2245	-32 1	63	196	02	2794	-34 2	57	245	03
06	1305	-28 5	65	075	12	1740	-28 7	65	073	10	2210	-30 6	63	083	10	2687	-32 7	62	091	10
07	1278	-27 3	62	061	07	1714	-29 1	62	073	12	2190	-25 9	61	074	09	2678	-29 0	59	058	05
08	1307	-19 8	79	099	10	1759	-19 9	78	111	10	2230	-22 8	77	112	10	2737	-26 0	75	139	09
09																				
10	1315	-22 0	76	043	04	1763	-22 0	81	041	03	2230	-24 7	82	067	03	2734	-28 0	81	074	03
11	1341	-27 1	55	338	05	1780	-26 3	41	317	05	2250	-29 4	63	271	04	2736	-30 3	54	257	04
12	1311	-24 6	28	027	07	1755	-25 2	28	039	07	2230	-26 0	37	073	05	2722	-28 2	37	139	05
13																				
14	1159	-32 7	55			1597	-26 2	58			2070	-27 3	62			2597	-29 1	66		
15	1135	-27 2	75	352	07	1572	-28 0	72	005	08	2040	-27 1	70	002	05	2593	-29 6	69	351	06
16	1132	-28 7	61	315	05	1569	-25 8	60	182	03	2040	-27 0	45	117	03	2591	-29 2	45	101	02
17	1226	-29 4	62	046	06	1660	-30 1	63	030	04	2115	-31 3	65	007	05	2606	-32 6	68	007	04
18	1302	-34 5	61	176	08	1726	-34 8	69	157	06	2190	-34 1	65	130	05	2660	-35 6	66	090	05
19	1347	-36 2	65	097	06	1770	-34 0	62	113	06	2225	-34 7	63	118	05	2702	-35 5	63	137	06
20	1370	-30 0	55	-		1803	-30 3	49	-		2270	-32 7	44	-		2743	-35 8	44	-	
21	1495	-15 4		-		1890	-19 5		093	19	2360	-23 8		093	14	2865	-28 2		090	18
22	1405	-20 1	72	045	09	1853	-22 0	69	026	11	2320	-22 8	63	034	09	2830	-25 8	60	044	06
23	1323	-20 2	76	360	12	1774	-20 2	75	017	11	2250	-19 3	69	024	18	2762	-22 6	66	029	12
24	1222	-16 3	76	036	11	1676	-19 3	74	042	09	2155	-22 5	71	050	12	2656	-24 7	67	043	12
25	1287	-24 7	72	048	16	1728	-25 5	74	030	18	2205	-23 4	65	030	18	2701	-25 7	52	036	18
26	1196	-22 3	56			1640	-24 2	50			2110	-26 9	55			2605	-28 7	65		
27	1241	-23 4	45	031	12	1685	-24 3	44	026	19	2155	-25 2	44	027	21	2653	-27 8	44	027	21
28	1308	-24 7	69	303	10	1750	-26 0	71	310	07	2220	-26 0	72	317	08	2717	-25 3	72	306	10
29	1229	-29 3	74	212	06	1662	-29 8	74	252	04	2130	-30 7	73	272	03	2610	-30 7	73	270	04
30	1178	-29 2	75	-		1611	-30 3	74	-		2080	-31 5	73	-		2556	-32 7	72	-	
31	1257	-28 0	70	160	07	1693	-28 0	69	161	08	2150	-30 1	69	158	09	2642	-32 4	69	164	11
MN	1287	-26 2	65	*	42 04	1726	-26 6	64	*		2194	-27 9	63	*		2685	-30 0	62	*	55 04

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.
JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3843	-36	4	46	245	06	5085	-44	5		222	06	6545	-55	6	213	03	8334	-64	4		145	05
02	3874	-37	9	49	143	06	5107	-46	7		166	06	6552	-57	5	174	04	8333	-65	2		231	04
03	3806	-37	5	65	134	13	5043	-45	4		232	16	6505	-53	3	128	18	8319	-62	6		184	05
04	3700	-39	6	65	000	00	4937	-44	4		180	02	6405	-52	9	165	03	8238	-57	2		195	08
05	3750	-41	1		302	10	4968	-48	7		300	12	6411	-55	7	280	11	8220	-59	1		262	16
06	3786	-39	6	70	134	05	5016	-46	0		200	06	6468	-56	2	193	06	8261	-62	6		224	08
07	3743	-38	2	70	095	09	4976	-45	7		108	08	6439	-54	8	111	07	8227	-62	5		180	05
08	3806	-32	1	77	131	08	5070	-40	5		145	10	6561	-49	5	171	20	8386	-63	8		194	27
09	3856	-31	7	60	066	04	5118	-40	8		278	04	6606	-50	8	204	07	8425	-62	8		198	22
10	3817	-33	8	79	091	04	5069	-43	3		104	04	6535	-54	6	027	09	8339	-63	8		002	10
11	3832	-36	0	75	296	03	5074	-44	4		349	05	6536	-54	3	352	04	8337	-62	9		251	02
12	3829	-36	0	50	192	06	5070	-43	9		202	12	6536	-53	5	202	15	8350	-59	8		210	27
13	3806	-26	7	76	137	13	5101	-34	6	70	141	18	6631	-44	9	163	35	8491	-59	8		165	40
14																							
15	3658	-34	9	64	118	08	4912	-42	3		089	10	6390	-51	7	079	09	8216	-58	8		074	10
16	3604	-36	0	59	344	04	4845	-44	5		030	03	6310	-52	6	030	04	8137	-60	3		045	06
17	3659	-36	2	81	-		4905	-42	5		-		6382	-52	8	-		8193	-62	6		-	
18	3699	-37	0	73	323	05	4940	-43	1		358	12	6422	-50	7	004	14	8256	-58	8		010	20
19	3718	-39	4	46	098	08	4948	-46	2		058	07	6404	-54	7	050	08	8227	-58	8		030	12
20	3787	-40	4		164	05	5007	-48	6		162	05	6445	-57	3	172	06	8232	-62	3		050	04
21	3856	-37	9	65	162	20	5088	-47	0		154	21	6527	-57	7	140	07	8306	-65	3		129	15
22	3958	-36	2	55	026	13	5203	-43	6		065	13	6661	-56	7	066	13	8436	-66	0		102	09
23	3916	-31	8	A20			5183	-38	8	A22			6692	-47	1			8534	-60	7			
24	3809	-30	4	57	260	03	5084	-38	2	42	119	11	6580	-51	0	311	05	8413	-58	7		219	15
25	3796	-30	0	A20	035	23	5078	-37	2	A22	022	19	6585	-47	8	024	22	8437	-58	9		277	11
26	3732	-34	0	59	004	15	4989	-41	8		015	15	6467	-52	4	012	12	8286	-60	7		006	11
27	3702	-33	8	31	017	11	4954	-42	7		009	10	6431	-51	8	008	12	8253	-60	6		350	11
28	3813	-31	4	A20	016	15	5080	-40	3		028	10	6568	-50	3	020	26	8414	-57	9		017	23
29	3743	-29	5	75	267	13	5023	-37	1	71	264	17	6541	-45	7	283	19	8403	-58	9		278	15
30	3663	-38	2	71			4903	-43	5				6383	-50	1			8238	-54	8			
31	3640	-36	1	A21	163	09	4888	-42	9		155	14	6368	-50	4	158	13	8201	-58	4		145	13
MN	3773	-35	3	56	*		5022	-43	0	45	*118	02	6496	-52	5		*101	02	8315	-61	0		*180	03

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3864	-37	6	47	067	07	5098	-46	3		064	04	6546	-56	8	098	02	8326	-64	9		127	01
02	3881	-36	7	54			5118	-44	6				6590	-53	0			8388	-65	5			
03	3763	-39	7	67	090	08	4995	-44	8		119	06	6462	-52	5	115	07	8292	-57	8		174	08
04	3683	-40	1		334	05	4913	-45	0		303	06	6378	-53	6	268	09	8211	-56	0		279	09
05	3802	-39	4	37	232	02	5030	-46	8		222	04	6481	-55	1	242	10	8281	-62	5		293	16
06	3760	-38	2	56	098	06	4993	-46	1		109	08	6444	-55	8	162	12	8243	-62	0		185	09
07	3761	-37	7	54	072	06	5003	-43	9		163	05	6469	-53	9	155	06	8275	-62	1		201	10
08	3840	-31	6	71	168	15	5108	-39	7	66	153	12	6598	-50	4	143	18	8420	-64	0		164	22
09																							
10	3824	-35	4	79	261	02	5067	-45	3		262	05	6523	-54	8	352	04	8312	-64	1		344	02
11	3819	-36	3	57	248	05	5061	-44	7		237	06	6522	-53	8	230	08	8325	-62	1		201	10
12	3818	-34	0	A21	149	05	5075	-39	7	A22	185	18	6574	-48	7	181	33	8421	-59	2		180	39
13																							
14	3663	-28	2	70			4951	-37	0	60			6453	-49	8			8300	-57	8			
15	3619	-36	1	67	354	04	4862	-44	4		015	05	6325	-54	0	005	08	8150	-59	3		076	03
16	3618	-35	6	48	057	02	4865	-43	8		050	03	6331	-52	7	087	04	8154	-61	9		057	06
17	3680	-38	2	67	360	05	4916	-45	2		009	09	6378	-53	6	003	08	8199	-59	2		015	11
18	3725	-39	0		083	04	4958	-45	3		053	07	6423	-52	5	019	15	8252	-58	4		019	19
19	3764	-39	9	65	130	06	4989	-47	7		145	05	6431	-57	0	115	05	8247	-59	1		029	07
20	3799	-42	4		-		5011	-50	2		-		6441	-58	0	151	11	8226	-62	9		123	09
21	3948	-38	1		087	22	5176	-48	5		093	13	6609	-57	8	-		8382	-68	6		043	04
22	3933	-32	7	52	020	06	5187	-43	1		035	03	6660	-53	0	172	07	8482	-61	0		214	13
23	3877	-30	0	59	020	13	5150	-39	0	50	046	09	6645	-48	6	310	04	8505	-57	2		232	23
24	3769	-29	3	52	059	08	5046	-38	4	35	036	10	6545	-49	1	070	07	8394	-57	5		190	11
25	3807	-30	9	A20	027	23	5076	-39	6	A22	020	20	6566	-50	5	025	18	8393	-60	2		020	22
26	3698	-33	5	58			4957	-41	8				6434	-52	3			8260	-61	1			
27	3743	-35	5	45	027	25	4994	-41	8		015	11	6473	-52	2	015	15	8300	-59	2		032	12
28	3829	-28	7	67	321	12	5112	-36	2	62	338	16	6627	-47	2	342	23	8481	-60	1		343	21
29	3694	-36	1	68	239	07	4942	-42	4		233	11	6430	-48	5	230	15	8290	-54	1		230	14
30	3852	-36	8	70	180	13	4879	-42	3		153	15	6364	-49	9	167	17	8213	-56	4		168	17
31	3717	-37	6	69	155	14	4956	-44	4		145	14	6424	-52	8	147	18	8234	-61	1			
MN	3770	-35	7	57	*		5017	-43	4	45	*89	02	6488	-52	7		*158	02	8309	-60	5		*197	03

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10831	-61	6			12610	-62	9			15061	-70	2			17157	-75	0		
02	10820	-62	4	230	08	12587	-65	1	209	06	15018	-70	8	:228	08	17114	-74	2	242	09
03	10829	-61	2	217	10	12594	-66	0	250	08	15028	-70	5	225	08	17125	-74	5	245	06
04	10801	-59	7	212	07	12584	-63	6	210	09	15042	-69	0	226	08					
05	10755	-59	7	265	14	12542	-63	2	263	17	15000	-69	4	276	09	17101	-74	9	295	11
06	10772	-61	0	242	10	12544	-64	9	264	10	14987	-70	2	284	10	17080	-75	9		
07	10752	-62	1	264	05	12495	-65	7	248	08	14932									
08	10827	-66	9	216	12	12562	-68	0	200	06	14977	-71	9	236	11					
09	10865	-69	0	175	12	12590	-69	2	183	07	14982	-74	0	209	05					
10	10808	-63	2	149	07	12563	-66	7	203	04	14988	-71	0	227	07					
11	10845	-62	8	221	08	12608					15040	-71	6							
12	10868	-62	7	197	23	12630	-66	2	202	16	15050	-71	1	225	11	17134	-75	8	249	13
13	10957	-66	8	168	24	12684	-69	2			15084									
14																				
15	10747	-60	7	079	09	12518	-65	0	100	08	14959	-70	4	088	06	17050	-75	2	120	06
16	10650	-62	3	051	08	12419	-65	0	052	11	14859	-70	6	045	10	16944	-76	2	055	10
17	10680	-64	1	-		12429	-67	0	035	15	14894	-71	2	033	16	16934	-76	3	032	16
18	10772	-63	7	010	20	12538	-64	8	017	19	14983	-71	1	018	24	17061	-76	2	027	22
19	10761	-61	0	016	15	12534	-64	6	016	16	14980	-70	1	018	14	17075	-75	3	018	17
20	10746	-61	8	015	10	12510	-65	0	006	13	14956	-70	3	005	15	17046	-75	9	010	12
21	10767	-65	4	106	16	12513	-66	7	046	05	14938	-71	4	031	08					
22	10898	-66	0			12643														
23	11024	-67	0			12750	-69	2			15156	-71	8			17245	-74	4		
24	10923	-63	6	219	07	12681	-65	7	141	02	15124	-69	0	084	02	17242	-71	0	123	04
25	10930	-65	3	355	10	12686	-64	8	001	07	15136	-69	0	012	10	17253	-70	8	001	11
26	10806	-60	2	004	13	12591	-62	8	360	13	15081	-63	8	014	14	17252	-65	7	023	09
27	10776	-60	8	002	09	12557	-61	5	039	08	15044	-64	8	016	08	17224	-63	9	044	06
28	10938	-61	7			12711	-63	2			15184	-65	0			17354	-65	0		
29	10928	-59	2	331	15	12725	-61	6	337	14	15221	-64	8	354	12	17403	-63	1	294	08
30	10826	-55	8			12649	-57	5			15189	-59	0			17432	-55	8		
31	10779	-55	8	150	12	12606	-57	0	136	14	15187	-54	4	143	13	17491	-51	2	169	18
MN	10822	-62	5		*219	02	12588	-64	7		*347	02	15036	-68	8		*355	03	17177	-70	8			

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10821	-62	1																	
02	10864	-62	8																	
03	10840	-59	9	197	10	12623	-63	6	216	12	15082	-68	7	205	06	17195	-73	2	239	08
04	10778	-58	0	266	12	12579	-61	7	258	08	15055	-67	7	286	09	17174	-73	1	320	11
05	10793	-61	1	257	11	12568	-63	8	263	13	15014	-70	7	267	14	17098	-75	7	283	13
06	10757	-61	8	235	06	12528	-64	2	265	07	14978	-70	4	274	11	17065	-75	4	275	12
07	10781	-63	0	218	07	12539	-66	1	250	08	14973	-70	6	291	07	17064	-75	4	291	11
08	10862	-68	7	166	19	12583														
09																				
10	10794	-63	9	220	07	12550	-65	7	203	08	14981									
11	10836	-62	2	207	14	12600	-65	8	211	13	15028	-71	3	213	11	17113	-75	7	240	11
12	10916	-64	9	182	28	12659	-67	8	172	16										
13																				
14	10858																			
15	10668	-62	2	046	09	12430	-65	9	083	06	14866	-69	4	070	05	16953	-75	6	054	10
16	10654	-63	1	092	09	12417	-66	1	037	12	14849	-70	7	025	12	16942	-74	8		
17	10714	-62	3	020	17	12480	-64	7	023	20	14915	-70	8	020	21	17000	-75	0	031	21
18	10782	-62	1	004	18	12553	-64	3	014	21	14995	-70	5	017	18	17086	-75	6	004	21
19	10786	-60	8	007	16	12564	-64	7	013	16	15003	-70	1	008	20	17096	-75	3	008	15
20	10726	-63	2	019	04	12487	-65	6	023	08	14922	-70	7	031	10	17013	-75	6	024	07
21	10812	-67	7	085	17	12546														
22	10958	-66	4	140	04	12694	-68	5	099	05	15100	-72	6	120	07	17179	-75	2	068	04
23	11007	-65	0	239	13	12752	-67	0	231	05	15188	-70	6	164	02					
24	10915	-63	1	107	06	12682	-63	1	055	07	15147	-68	2	098	06	17274	-70	7	057	04
25	10913	-61	7	044	11	12687	-63	6	360	27	15151	-65	9	348	11	17305	-67	7	012	13
26	10781	-62	9			12558	-61	1			15042	-66	1			17210	-64	5		
27	10857	-60	3	035	10	12624	-62	7	036	12	15112	-64	0	033	09	17297	-63	5	040	08
28	10973	-63	6	357	22	12740	-63	8	004	20	15217	-65	2	360	10	17399	-64	3	360	02
29	10883	-59	2	340	06	12707	-58	7	324	04	15232	-61	9	302	05	17451	-59	2	250	04
30	10799	-55	3	117	09	12629	-57	3	144	09	15185	-57	4	141	08	17463	-52	1	158	13
31	10782	-56	9			12600	-58	5			15175	-54	2			17504	-47	5		
MN	10824	-62	2		*18	00	12592	-63	9		*353	04	15053	-67	6		*3	05	17185	-69	8			

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.
JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19088	-79	2			21970														
02	19058	-77	6	225	07	21943														
03																				
04																				
05	19033	-78	8	277	08	21908														
06																				
07																				
08																				
09																				
10																				
11																				
12	19062	-80	6																	
13																				
14																				
15	18982	-76	5	095	07	21858														
16	18870																			
17																				
18	18983	-79	3	022	17	21884	-79	8	015	13	24194	-79	0	011	09					
19	19002	-79	1	004	11	21897	-78	6	344	13										
20	18972	-77	9	353	10	21889	-80	0	012	08										
21																				
22																				
23	19200	-73	8			22215	-69	5			24704	-56	6							
24	19244	-68	3	011	01	22372	-57	0	197	12										
25	19257	-68	3	047	10	22422	-52	1	271	06	25149	-31	3							
26	19315	-61	8	005	09	22588	-45	8	209	13										
27	19304	-59	1	138	01	22638	-39	0	217	18										
28	19449	-56	3			22878	-27	3			25900	-16	2							
29	19524	-52	7	247	15	22994	-25	8	235	30	25988	-20	7	238	26					
30	19622	-43	0			23252	-26	8			26186	-27	3							
31	19765	-31	8	182	37	23447	-27	6	205	18	26361	-29	4	206	20					
MN	19207	-67	3	*		22385	-50	8	*		25497	-37	2	*					*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	Surface Synoptic Data ww	Surface Synoptic Data $p_0 p_0 p_0$	Freezing Levels Lowest Code	Freezing Levels Lowest Alt. gpkm.	Freezing Levels Lowest Pres mb.	Freezing Levels Highest Alt. gpkm.	Freezing Levels Highest Pres mb.	Tropopause (1) Code	Tropopause (1) Alt. gpkm.	Tropopause (1) Pres mb.	Tropopause (1) Temp. °C	Tropopause (1) σ °A	Tropopause (2) Code	Tropopause (2) Alt. gpkm.	Tropopause (2) Pres mb.	Tropopause (2) Temp. °C	Tropopause (2) σ °A	Max. Wind Level Code	Max. Wind Level Alt. gpkm.	Max. Wind Level Pres mb.	Max. Wind Level Velocity deg.	Max. Wind Level Velocity mps.
01	00900	76	2 04	0					1	08 33	300	-64	4 294	2	18 94	055	-78	3 446	9	03 43	695	249	07
02	00900	76	0 01	0					1	08 10	311	-69	6 290	2	19 96	128	-68	5 368	9	01 97	785	167	10
03	865—	71	7 20	0					1	08 30	301	-62	6 297	2	11 79	173	-64	4 345	8	09 39	252	146	22
04	86400	71	7 09	0					2	07 12	358	-55	7 292	0					8	09 24	255	192	10
05	00900	76	1 16	0					1	07 21	352	-59	3 288	0					9	01 08	879	251	20
06	60810	38	6 12	0					1	07 97	315	-62	8 293	0					8	00 06	016	088	13
07	00900	38	8 05	0					1	07 48	359	-62	7 287	0					7	00 06	005	050	19
08	9–0—	38	5 00	0					1	09 49	250	-69	8 302	0					8	08 70	285	192	34
09	50840	38	8 15	0					1	09 75	241	-69	8 306	0					8	08 98	292	196	23
10	8082–	39	2 38	0					2	08 45	295	-64	4 296	0					8	07 56	340	012	14
11	60810	76	1 09	0					1	08 50	295	-63	5 298	0					6	09 92	232	228	11
12	00900	02	5 05	0					1	07 79	328	-60	6 295	0					8	08 57	290	209	28
13	9–0—	38	8 33	0					1	10 39	220	-68	9 315	0					6	07 26	969	194	56
14																							
15	00900	37	6 18	0					2	07 07	360	-56	8 290	1	13 69	124	-68	7 371	9	00 06	991	045	13
16	9–0—	39	3 11	0					2	08 28	293	-60	9 302	0					8	00 06	986	340	18
17	00900	02	1 27	0					2	07 89	314	-62	2 293	7	15 93	083	-74	6 404	8	16 69	074	027	18
18	86500	76	1 10	0					2	07 60	333	-57	5 295	2	15 88	094	-72	9 393	9	09 52	244	011	28
19	00900	76	0 05	0					2	08 20	303	-58	7 302	0					9	15 89	086	009	18
20	00900	76	8 03	0					1	07 69	327	-63	0 289	0					9	13 78	122	020	16
21	00900	38	1 03	0					1	09 16	260	-68	4 301	0					8	04 42	952	147	24
22	00900	38	8 06	0					2	08 52	305	-66	0 291	0					5	00 06	020	030	22
23	00900	76	8 08	0					1	09 01	277	-63	4 303	2	11 08	198	-67	9 327	2	00 39	972	013	19
24	00900	37	8 18	0					2	09 04	271	-61	3 308	0					1	24 39	022	211	24
25	00900	37	5 15	0					1	10 22	224	-65	7 318	0					9	04 23	565	034	25
26	20840	36	6 26	0					1	08 77	277	-61	9 305	0					1	23 96	025	244	22
27	00900	02	3 08	0					1	08 17	304	-60	6 299	0					1	24 52	023	240	33
28	00900	02	2 20	0					1	09 98	233	-62	2 320	0					5	07 19	364	017	40
29	9–0—	71	6 14	0					1	09 29	260	-61	8 311	0					9	23 69	027	228	33
30	40810	01	8 04	0					2	07 56	334	-54	6 299	0					1	03 57	608	190	12
31	00900	02	2 24	0					1	07 64	328	-58	5 295	1	22 15	096	-28	8 632	9	22 33	035	201	46
MEAN										08 43	297	-62	5 299		15 25	111	-65	4 411					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01																				
02																				
03	19143	-77	9	244	08															
04	19120	-77	1	329	12	22026	-81	9	287	10										
05	19022	-80	0	255	15	21878														
06	18996	-78	9	291	11	21868														
07	18991																			
08																				
09																				
10																				
11	19039	-79	7	265	10															
12																				
13																				
14																				
15																				
16	18877	-78	7			21769	-80	2												
17	18934	-79	0	038	13															
18	19016	-78	8	019	14	21912	-78	0	004	13										
19	19033	-77	7	019	12	21951	-78	0	360	05										
20	18941	-78	6	029	05	21851	-78	0												
21																				
22	19124	-75	2	149	07	22119	-72	4	202	11	24569	-60	1							
23																				
24	19283	-67	0	066	06	22436	-53	7	178	10	25196	-28	0	201	41					
25	19338	-62	6	215	05	22561	-49	5	154	17	25350	-29	9	237	33					
26	19279	-62	0			22582	-41	2			25511	-15	3							
27	19379	-59	8	036	01	22732	-36	5	217	15	25718	-12	1	226	38					
28	19500	-54	5	240	11	22950	-26	6	236	30	25973	-15	6	233	40					
29	19605	-50	0	221	13	23138	-24	2	225	44	26100	-25	0	232	36					
30	19699	-37	2	193	32	23346	-28	3	217	39	26258	-29	0							
31	19829	-29	2			23478	-29	4			26358	-32	0							
MN	19207	-67	6	*		22412	-54	1	*		25666	-26	8	*					*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	Surface Synoptic Data ww	Surface Synoptic Data $p_0 p_0 p_0$	Freezing Levels Lowest Code	Freezing Levels Lowest Alt. gpkm.	Freezing Levels Lowest Pres mb.	Freezing Levels Highest Alt. gpkm.	Freezing Levels Highest Pres mb.	Tropopause (1) Code	Tropopause (1) Alt. gpkm.	Tropopause (1) Pres mb.	Tropopause (1) Temp. °C	Tropopause (1) σ °A	Tropopause (2) Code	Tropopause (2) Alt. gpkm.	Tropopause (2) Pres mb.	Tropopause (2) Temp. °C	Tropopause (2) σ °A	Max. Wind Level Code	Max. Wind Level Alt. gpkm.	Max. Wind Level Pres mb.	Max. Wind Level Velocity deg.	Max. Wind Level Velocity mps.
01	00900	02	1 14	0					2	07 76	329	-64	9 286	0					6	03 76	608	062	07
02	00900	38	3 06	0					2	08 15	312	-65	5 289	0					0				
03	00900	76	7 11	0					2	07 66	332	-57	4 296	0					9	18 49	056	268	17
04	00900	76	2 17	0					1	07 50	336	-56	8 296	0					9	16 69	076	303	19
05	00900	76	1 02	0					1	08 34	287	-63	2 300	0					1	20 48	099	269	18
06	00901	38	7 22	0					1	07 84	319	-62	3 293	2	15 85	086	-73	3 403	9	00 06	010	060	15
07	00900	38	8 01	0					1	07 94	316	-62	2 293	0					8	00 06	004	060	18
08	9–0—	39	1 06	0					1	10 04	229	-69	8 310	0					6	08 48	297	165	22
09																							
10	865—	76	2 16	0					1	08 71	281	-65	1 299	0					7	11 87	168	215	09
11	00900	76	1 05	0					1	08 22	305	-62	1 296	0					9	17 67	062	245	15
12	00900	76	8 25	0					1	09 29	261	-64	2 307	0					7	08 96	275	181	46
13																							
14	00900	38	1 27	0					1	08 30	300	-57	8 304	0					0				
15	10830	38	5 05	0					1	09 11	256	-62	2 312	7	16 03	082	-74	7 405	8	00 41	940	017	18
16	00900	02	2 13	0					2	08 37	290	-62	2 300	2	12 35	152	-66	0 355	8	12 82	141	044	16
17	8082–	76	2 21	0					1	07 14	355	-57	9 290	2	15 56	090	-73	6 397	9	17 19	068	032	23
18	00900	76	0 02	0					1	09 39	250	-61	0 319	0					9	12 90	142	016	25
19	00900	76	2 10	0					1	06 43	400	-57	0 281	2	16 53	077	-74	8 418	9	14 98	100	008	20
20	00900	02	8 08	0					2	07 16	357	-61	6 284	0					9	15 66	088	015	11
21	855—	38	8 06	0					1	08 90	279	-72	4 291	0					6	05 86	449	093	33
22	00900	38	5 04	0					1	09 60	250	-66	1 308	0					9	23 45	024	286	17
23	00900	38	6 17	0					2	09 62	251	-63	4 311	6	15 96	094	-72	9 394	8	09 56	259	221	26
24	00900	38	3 05	0					2	09 62	249	-61	9 316	0					9	23 22	020	199	43
25	00900	76	0 15	0					2	08 51	294	-60	8 302	1	17 75	065	-69	4 445	1	29 11	012	226	54
26	76200	76	8 01	0					1	08 35	296	-61	5 300	2	10 09	223	-62	9 328	0				
27	00900	76	3 27	0					1	08 80	276	-60	6 307	0					1	26 52	018	232	41
28	855—	71	6 18	0					2	08 75	287	-62	4 302	0					1	26 76	018	230	43
29	56200	71	1 05	0					2	07 30	350	-59	4 297	0					9	22 91	091	224	45
30	20810	76	8 25	0					2	07 69	329	-59	5 299	0					9	23 76	028	197	42
31	00900	76	5 27	0					1	08 08	308	-62	4 295	0					4	06 96	368	149	23
MEAN										08 37	299	-61	8 299		14 97	109	-70	9 392					

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.

FEBRUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1013	-31	4	115	08	0155	-31	1	118	08	0520	-29	8	146	08	0905	-27	3	171	07
02	1016	-27	8	080	08	0178	-24	7	083	06	0550	-25	9	100	03	0942	-26	3	108	06
03	1025	-27	3	115	07	0240	-26	5	127	08	0615	-25	6	142	06	1005	-27	0	137	07
04	1003	-16	3	100	18	0086	-16	4	100	18	0465	-14	5	135	16	0882	-15	3	196	15
05	0984	-10	5			-061					0330	-12	7			0745	-15	7		
06	1020	-33	3	190	13	0201	-33	6	208	11	0570	-28	3	231	10	0954	-25	6	235	11
07	1026	-25	2	090	05	0249	-20	9	081	05	0630	-21	3	060	02	1028	-19	4	104	03
08	1025	-21	9	000	00	0245	-20	6	275	02	0630	-16	2	239	03	1038	-12	8	222	06
09	1018	-21	3	160	10	0192	-21	6	180	14	0570	-15	2	219	21	0986	-13	6		
10	1020	-18	2	070	04	0209	-18	3	111	03	0600	-16	8	185	01	1001	-12	7	145	02
11	1005	-15	4	220	08	0101	-15	6	221	09	0480	-17	2	231	11	0893	-16	2	229	12
12	1012	-31	2	74		0150	-32	2	73		0520	-19	3	62		0920	-20	1	46	
13	1015	-34	2	72		0169	-35	3	77		0530	-32	6	76		0912	-29	8	74	
14	1011	-38	8		010	0139	-39	3	70	009	0500	-30	1	66	015	0882	-30	3	69	025
15	1006	-35	9	70	020	0106	-33	5	52	020	0480	-25	8	36	014	0864	-27	1	40	021
16	1005	-36	1	59	330	0085	-36	0	53	931	0460	-28	2	52	349	0835	-27	8	53	337
17	1004	-38	3		040	0092	-37	4		-	0470	-28	9	47	-	0842	-27	8	56	-
18	1003	-35	0	71	340	0082	-35	2	68	-	0460	-21	2	55	-	0844	-22	4	45	-
19	1004	-30	7	81	010	0089	-28	3	79	010	0480	-16	6	65	046	0877	-17	4	61	058
20	1017	-30	7	74	320	0183	-29	2	51	940	0570	-18	8	36	028	0963	-16	6	26	026
21	1024	-34	8	71		0231	-27	6	65		0600	-22	0	59		1003	-21	2	41	
22	1019	-26	8	77		0199	-28	0	72		0580	-18	8	64		0981	-14	8	42	
23	1015	-26	1	73	330	0172	-20	7	62	003	0550	-15	7	37	065	0965	-16	4	A17	064
24	1008	-21	1	72	320	0121	-20	0	61	325	0500	-12	6	A16	027	0920	-19	4	A16	035
25	0995	-29	4	75	125	0029					0405	-19	5	64	260	0805	-17	2	43	296
26	0992	-31	1	59	030	0009					0385	-18	6	68	011	0785	-21	2	65	021
27	0998	-32	8	73	340	0051					0420	-20	6	78	002	0803	-25	3	81	357
28	1000	-35	2	61	350	0066	-35	2	61	350	0430	-27	6	71	034	0818	-26	7	71	028
MN	1010	-28	5	74	*	135	-27	8	68	*	511	-21	8	62	*	907	-21	0	58	*

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1315	-29	1	66	168	07	1748	-30	9	64	159	06	2200	-32	8	62	149	09	2688	-34	7	60	160	09
02	1355	-26	3	79	133	10	1794	-26	7	78	140	11	2270	-28	0	71	131	14	2752	-31	3	67	119	09
03	1414	-27	8	78	134	10	1850	-28	6	75	142	09	2310	-30	0	69	152	09	2800	-32	3	60	163	09
04	1311	-17	4	81	145	15	1765	-17	6	82	178	12	2250	-18	7	83	160	20	2758	-21	0	82	155	41
05	1173	-16	8	82			1628	-18	8	80			2110	-18	6	76			2621	-22	3	70		
06	1368	-26	0	48	232	12	1807	-26	9	39	224	14	2275	-28	1	A19	222	13	2764	-29	9	A20	220	15
07	1451	-20	7	A18	178	04	1899	-21	2	A18	192	09	2370	-19	7	39	202	15	2887	-21	5	26	202	18
08	1472	-14	7	62	210	08	1930	-17	5	64	183	07	2410	-19	6	59	205	05	2923	-19	1	34	256	06
09	1422	-12	4	68			1890	-08	7	82			2390	-09	5	84			2919	-12	6	85		
10	1439	-11	8	90	206	01	1906	-09	9	45	274	03	2400	-10	1	A15	305	04	2934	-11	9	A16	320	06
11	1325	-13	2	86	227	18	1793	-08	3	88	226	22	2290	-08	3	91	290	21	2829	-09	8	90	242	19
12	1341	-22	8	32			1785	-24	4	A18			2260	-25	6	A19			2752	-28	3	A19		
13	1322	-26	8	73			1759	-28	8	71			2220	-31	0	68			2706	-33	2	65		
14	1287	-32	4	70	017	14	1717	-31	4	67	012	18	2180	-32	6	65	011	22	2657	-34	7	61	013	20
15	1275	-28	3	44	027	20	1709	-29	8	48	024	24	2180	-29	7	55	020	22	2659	-31	7	55	020	26
16	1246	-27	3	54	345	06	1683	-28	2	56	002	07	2150	-29	8	58	020	06	2635	-31	7	61	025	05
17	1252	-29	0	61	-		1686	-30	2	66	-		2150	-31	7	72	-		2630	-33	8	65	-	
18	1263	-23	8	29	-		1711	-21	4	30	-		2195	-22	8	50	132	05	2688	-25	8	61	142	09
19	1303	-19	5	56	042	12	1754	-19	7	52	036	13	2240	-18	5	52	065	09	2747	-22	9	55	079	04
20	1392	-17	3	29	024	15	1845	-19	6	28	025	15	2320	-22	0	26	024	13	2827	-24	7	A18	025	15
21	1424	-23	0	27			1869	-22	8	27			2340	-22	4	27			2846	-25	8	28		
22	1413	-16	3	31			1868	-19	0	30			2350	-21	9	29			2850	-25	0	27		
23	1395	-17	6	A17	061	12	1848	-17	5	A17	064	14	2330	-20	3	A17	063	15	2836	-23	5	A18	056	10
24	1353	-15	9	A17	032	11	1808	-19	0	41	028	09	2280	-21	1	38	012	10	2794	-23	4	34	007	09
25	1232	-18	3	37	325	05	1685	-19	5	A17	314	05	2165	-22	3	A18	317	04	2665	-25	6	A19	311	05
26	1207	-20	3	59	021	11	1655	-21	3	52	015	15	2130	-22	5	46	018	14	2634	-25	3	42	017	16
27	1221	-23	0	81	008	12	1666	-23	9	78	010	17	2130	-26	0	76	015	19	2633	-27	5	78	001	22
28	1234	-24	1	67	027	11	1676	-24	4	64	028	10	2150	-26	7	57	026	10	2640	-28	9	64	050	11
MN	1329	-21	5	55	* 40	04	1776	-22	0	53	*		2252	-23	2	51	*		2753	-25	6	49	* 56	02

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1015	-28	9	69	090	07	0171	-24	4	54	099	06	0540	-25	9	52	112	06	0936	-25	3	54	113	06
02	1019	-28	3	70	140	02	0201	-27	0	65	138	04	0580	-26	1	60	136	06	0969	-27	2	62	120	05
03	1011	-21	7	74			0144	-21	6	75			0520	-19	6	76			0926	-20	4	76		
04	0990	-08	3	89			-015						0390	-07	9	88			0802	-07	6	87		
05	1006	-27	2	77	180	12	0107	-27	5	75	184	13	0475	-29	4	61	198	16	0865	-23	3	66	195	20
06	1027	-31	9	79	000	00	0251	-26	1	46	-		0625	-24	3	50	-		1019	-23	2	45	-	
07	1024	-21	7	81	145	01	0237	-21	2	72	121	03	0620	-18	2	70	157	06	1024	-15	7	77	180	11
08	1022	-27	2	77	130	03	0225	-20	6	78	159	04	0610	-12	4	82	182	08	1025	-11	2	82	184	12
09	1016	-19	1	83			0184	-20	3	81			0560	-20	3	81			0968	-14	7	87		
10	1014	-14	4	83			0170	-19	6	80			0565	-10	5	70			0980	-08	4	78		
11	1003	-20	9	82	360	14	0089	-20	5	81	360	14	0470	-18	0	76	012	14	0874	-17	7	81	007	12
12	1018	-31	6	73			0190	-29	2	72			0560	-24	1	70			0955	-23	8	71		
13	1013	-36	4	70	315	13	0153	-37	2	68	322	14	0500	-29	4	66	347	19	0896	-27	8	68	356	14
14	1009	-37	5		350	14	0125	-37	7		356	14	0485	-29	7	69	020	17	0873	-29	1	67	028	19
15	1005	-36	7	70	340	08	0098	-36	5	69	343	08	0460	-27	2	65	007	07	0849	-27	4	61	018	09
16	1002	-38	3		030	08	0079	-37	7		030	08	0435	-32	5	67	026	04	0829	-28	0	71	040	03
17	1003	-39	9		290	04	0081	-39	3		-		0440	-27	2	61	-		0832	-28	4	72	-	
18	1004	-29	7	75	050	09	0091	-29	6	65	051	09	0470	-18	5	A17	057	09	0871	-17	4	A17	058	08
19	1010	-31	7	73	310	03	0136	-31	6	72	328	06	0510	-19	8	59	030	18	0908	-15	7	A17	036	16
20	1021	-32	5	73	360	10	0214	-25	9	76	-		0590	-20	8	77	-		0994	-19	7	75	-	
21	1020	-28	9	70	030	19	0209	-20	0	59	032	22	0600	-16	7	45	036	23	1000	-16	5	55	031	16
22	1016	-27	3	66	320	06	0180	-25	8	57	354	09	0570	-16	9	40	064	14	0968	-17	9	51	073	10
23	1013	-24	2	62	000	00	0160	-20	8	50	050	02	0540	-16	6	27	052	06	0952	-16	3	A17	051	08
24	1001	-28	9	69	340	05	0073	-27	7	68	340	05	0460	-14	7	43	316	07	0866	-15	3	30	308	08
25	0991	-29	9	68	340	06	0001						0390	-18	1	45	015	08	0779	-17	2	36	024	08
26	0996	-33	3	72	350	09	0037						0410	-28	9	42	360	15	0793	-20	3	64	001	13
27	0999	-33	0	64	320	10	0059						0425	-31	5	56	352	15	0811	-23	0	68	004	05
28	1002	-35	6	60	030	04	0076	-34	8	56	-		0450	-27	9	50	-		0832	-26	6	53	-	
MN	1010	-28	7	73	*		193	-27	3	68	*		509	-21	9	59	*		907	-20	2	58	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1349	-26	7	56	130	06	1787	-26	7	58	136	07	2250	-28	3	58	120	05	2744	-30	7	58	126	05
02	1374	-28	4	63	115	08	1809	-29	6	65	118	10	2270	-31	0	67	116	12	2756	-32	9	65	112	10
03	1347	-23	8	76			1788	-27	0	76			2260	-26	1	76			2755	-25	3	76		
04	1247	-08	2	87			1716	-11	3	85			2220	-14	6	81			2727	-18	2	78		
05	1286	-20	8	67	190	15	1735	-21	4	62	180	15	2220	-24	2	60	177	19	2710	-25	8	59	180	27
06	1438	-22	6	26	-		1682	-24	3	A18	203	04	2368	-24	9	A18	197	06	2854	-23	5	A18	194	08
07	1457	-14	0	84	184	18	1915	-17	2	82	179	17	2400	-20	7	80	173	15	2902	-24	3	77	178	12
08	1463	-12	1	29	186	13	1928	-11	1	28	209	11	2430	-11	2	30	216	12	2952	-12	8	40	228	13
09	1403	-11	8	90			1870	-10	5	91			2380	-10	8	91			2893	-13	4	89		
10	1423	-09	4	91			1894	-09	4	90			2400	-08	6	88			2927	-11	3	64		
11	1303	-16	8	86	348	08	1757	-19	3	88	330	10	2250	-15	0	65	322	15	2765	-15	7	29	300	11
12	1372	-23	9	72			1815	-25	3	71			2290	-26	9	70			2778	-28	5	69		
13	1305	-29	6	68	334	13	1737	-31	6	66	350	14	2190	-32	5	64	342	17	2678	-32	8	59	345	24
14	1280	-30	4	63	025	22	1714	-28	8	59	025	18	2185	-30	8	58			2661	-32	8	56		
15	1260	-27	6	56	021	12	1696	-28	9	50	017	14	2155	-30	3	43	014	13	2645	-31	8	37	005	13
16	1233	-27	6	75	044	05	1668	-29	0	78	025	07	2130	-30	4	82	025	07	2614	-33	9	83	028	08
17	1241	-28	8	74	-		1677	-28	7	59	051	08	2140	-31	1	39	052	07	2625	-32	4	A20	033	05
18	1297	-20	1	A17	049	09	1749	-19	0	46	050	11	2230	-20	6	54	057	07	2735	-24	3	55	077	08
19	1338	-17	4	A17	036	12	1791	-20	1	A17	036	10	2260	-22	0	A18	039	12	2774	-22	9	A18	030	12
20	1418	-19	9	74	-		1868	-21	5	71	003	17	2340	-24	4	70	002	18	2843	-25	6	69	358	18
21	1450	-16	0	25	039	18	1886	-18	0	A17	047	22	2960	-20	8	A18	047	21	2873	-24	0	A18	047	21
22	1394	-20	1	30	066	09	1842	-22	4	28	050	15	2320	-22	8	28	050	22	2820	-24	6	A18	050	27
23	1381	-17	7	A17	053	10	1834	-19	3	A17	053	13	2310	-21	0	A18	049	13	2820	-22	8	A18	041	14
24	1296	-17	5	27	301	07	1748	-20	1	28	295	08	2230	-23	6	38	298	10	2725	-25	9	55	305	10
25	1206	-18	7	33	035	09	1658	-20	2	29	025	12	2130	-22	7	29	022	13	2637	-25	8	51	019	13
26	1218	-19	7	66	011	13	1668	-20	3	67	016	17	2150	-21	5	59	002	17	2650	-24	8	55	353	19
27	1229	-23	9	69	007	15	1672	-29	7	72	356	11	2150	-26	0	74	340	11	2637	-28	0	76	350	15
28	1247	-24	8	53	-		1689	-25	0	42	-		2175	-25	2	31	034	09	2657	-27	0	A19	044	10
MN	1330	-20	7	57	*		1778	-21	8	56	*		2257	-23	1	53	*		2756	-25	0	49	26	06

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.
FEBRUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3758	-38	1	47	197	11	4995	-45	2		191	14	6457	-53	9		186	13	8268	-60	6		134	10
02	3824	-40	0	60	114	13	5048	-46	9		058	11	6511	-54	1		070	08	8328	-59	4		088	06
03	3876	-37	2	40			5122	-42	6				6607	-49	5				8455	-58	9			
04	3894	-29	7	75			5208	-30	7	67			6756	-42	6				8632	-57	9			
05	3747	-26	5	62			5044	-34	7	54			6579	-41	7				8507	-47	0			
06	3851	-35	1	A21	216	19	5111	-39	8	A22	212	30	6612	-47	5				8492	-51	1			
07	4009	-27	6	67	198	23	5307	-33	8	71	193	32	6837	-44	3		190	41	8708	-57	7			
08	4060	-24	5	A18	263	11	5364	-32	8	A20	300	18	6903	-42	6		319	29	8787	-54	8		267	14
09	4078	-19	6	82			5412	-27	1	74			6984	-38	3	70			8902	-52	4			
10	4092	-22	1	64	304	09	5420	-27	7	33	282	11	6974	-42	4		299	18	8864	-53	3		312	26
11	4002	-17	0	82	240	20	5342	-26	8	73	245	16	6921	-38	2	66	249	23	8836	-51	9			
12	3845	-33	4	A20			5120	-35	6	A21			6647	-43	8				8564	-45	6			
13	3777	-38	9	59			5018	-42	2				6513	-44	2				8437	-42	9			
14	3722	-40	0	51	015	20	4951	-46	0		025	24	6429	-48	0		018	17	8344	-43	5		357	13
15	3739	-36	1	A21	023	21	4987	-42	7		019	19	6469	-48	6		030	18	8374	-46	2		068	02
16	3717	-36	4	65	010	09	4965	-42	8		012	12	6448	-48	8		020	13	8356	-44	9		052	05
17	3700	-38	6	49	016	07	4937	-44	4		028	09	6421	-46	3		058	04	8343	-44	2		098	03
18	3790	-31	8	66	152	08	5064	-37	5	65	182	17	6577	-46	1		177	14	8448	-53	8		145	11
19	3863	-28	6	57	088	03	5145	-37	8	55	067	05	6643	-50	6		079	05	8491	-54	2		085	08
20	3935	-30	8	A20	009	08	5208	-39	2	A22	252	06	6701	-49	6		258	08	8549	-54	0		255	07
21	3948	-32	8	30			5210	-40	4				6702	-49	0				8574	-54	6			
22	3952	-33	2	A20			5207	-42	9				6677	-51	6				8594	-56	2			
23	3948	-30	3	A20	031	09	5219	-39	9	A22	046	08	6705	-50	8		048	16	8944	-58	5		039	13
24	3908	-29	9	A20	334	10	5184	-38	2	A22	326	12	6687	-48	5		338	16	8930	-57	0		337	15
25	3769	-29	7	66	289	10	5041	-40	1		303	12	6523	-51	6		309	13	8368	-57	1		315	14
26	3740	-31	6	33	017	19	5008	-40	0	A22	025	23	6513	-47	5				8356	-59	6			
27	3728	-33	7	72	003	21	4984	-41	9		015	10	6464	-51	2		006	12	8304	-55	6		006	16
28	3732	-34	1	64	016	10	4988	-42	1		020	18	6464	-50	8		024	17	8315	-54	5		014	15
MN	3857	-31	5	48	*		5129	-38	6	43	*	347	02	6633	-47	2	68	*		8508	-53	1		*	

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10797	-58	2			12612	-58	2			15203	-52	0			17546	-43	6		
02	10875	-57	4	150	11	12701	-55	9	164	14	15274	-54	3	160	20	17594	-45	1	168	19
03	10989	-60	5			12776	-61	7			15294	-60	6			17595	-54	9		
04	11137	-61	5																	
05	11126	-56	9			12932	-57	3			15488	-59	2			17736	-55	4		
06	11117	-54	9			12935	-59	4			15453	-60	3			17699	-56	8		
07	11222	-62	5			12997	-62	5			15511	-62	5			17748	-56	4		
08	11350	-59	3	244	17	13148	-60	1	262	13	15685	-57	5	305	11	17976	-50	0	358	17
09	11454	-57	3			13287	-55	2			15899	-52	8			18225	-49	6		
10	11491	-50	4	327	19	13380	-50	0	340	18	16048	-49	3	343	16	18585	-48	8	010	10
11	11482	-47	6			13388	-46	2			16069	-47	4			18414	-49	8		
12	11307	-41	3			13264	-42	0			15971	-47	0							
13	11198	-39	2			13156	-40	4			15909	-44	7			18280	-46	8		
14	11109	-41	6	009	08	13064	-43	7	281	05	15787	-44	6	317	06	18161	-46	8	267	07
15	11106	-40	7	353	04	13060	-42	5	005	09	15781	-45	3	009	08	18157	-46	8	316	05
16	11092	-41	0	343	03	13047	-42	2	005	05	15763	-46	6	005	05	18119	-48	8	005	06
17	11069	-43	7	133	02	13007	-43	6	045	03	15716	-46	7	015	05	18068	-49	4	001	04
18	11088	-47	3	127	06	13001	-44	8	100	03	15686	-48	5	035	03	18021	-50	8	018	06
19	11116	-48	7	313	03	13012	-48	1	028	03	15672	-49	9	030	03					
20	11176	-48	3	288	07	13065	-49	0	326	09	15728	-50	0	340	05					
21	11198	-49	4			13074	-50	0			15731	-48	0			18057	-54	5		
22	11161	-47	7			13038	-50	4			15746									
23	11147	-50	3	004	14	13037	-48	1	001	19	15693	-49	4	334	15	18021	-54	5	344	16
24	11129	-52	0	323	16	13010	-49	9	325	23	15650	-52	0	325	23	17960	-52	1	303	19
25	10974	-51	2	324	15	12840	-52	0	318	24	15460	-53	4	324	25	17775	-51	5	325	28
26	10943	-50	0			12820	-48	2			15470	-48	5			17809	-50	5		
27	10913	-51	9	358	21	12783	-49	4	352	19	15431	-49	2	350	18	17750	-52	5	334	13
28	10927	-53	4	019	16	12786	-51	6	008	17	15431	-51	0	002	12	17746	-53	7	359	17
MN	11132	-50	9	*		13008	-50	5	*		15650	-51	2	*		17947	-50	8	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3822	-37	9	59	142	08	5054	-47	4		125	09	6499	-56	1		150	11	8290	-62	4		131	09
02	3827	-39	0	63	122	08	5059	-46	0		148	09	6512	-53	2		141	11	8328	-60	5		150	09
03	3867	-28	7	75			5159	-31	5	73			6708	-41	8				8603	-55	0			
04	3861	-25	3	72			5171	-31	2	70			6733	-37	8	61			8649	-54	1			
05	3819	-29	9	40			5093	-38	8				6614	-41	9				8526	-51	0			
06	3974	-26	6	51	201	15	5276	-33	0	68	191	28	6816	-41	3		198	46	8706	-56	7			
07	4019	-27	7	75	201	21	5310	-34	9	73	187	39	6837	-43	7		197	28	8711	-56	5			
08	4109	-21	0	72	236	19	5433	-29	2	75	244	12	6983	-42	7		274	12	8871	-56	0		323	34
09	4051	-20	2	82			5380	-28	6	75			6940	-40	8				8831	-56	7			
10	4095	-18	0	76			5435	-26	2	74			7013	-37	6	71			8932	-52	5			
11	3920	-20	0	31	295	13	5247	-29	5	54	291	13	6797	-42	6		245	24	8708	-47	9		259	24
12	3872	-33	8	66			5124	-43	0				6602	-50	1				8507	-44	2			
13	3752	-38	7	58	349	21	4985	-46	0		341	13	6456	-46	5		339	12	8376	-41	4			
14	3734	-37	6	49			4976	-43	1				6452	-49	3				8353	-46	1			
15	3726	-35	8	A21	023	17	4979	-41	0		023	12	6471	-49	0		017	12	8365	-47	1		017	05
16	3683	-38	1	77	026	11	4921	-44	1		024	15	6398	-47	9		023	11	8313	-44	2		043	06
17	3700	-37	7	A22	130	04	4948	-41	3		178	15	6452	-45	9		190	29	8342	-49	8		171	11
18	3846	-29	3	60	110	06	5126	-37	5	62	139	07	6630	-48	1		149	08	8480	-53	2		156	10
19	3889	-30	3	36	058	08	5162	-38	7	51	081	05	6658	-50	2		140	04	8512	-52	8		043	02
20	3945	-31	7	61	341	12	5207	-41	3		332	16	6695	-48	5		314	13	8562	-51	9		310	12
21	3981	-31	3	A20			5249	-40	0	A22			6739	-50	3				8580	-58	0			
22	3927	-31	2	A20	090	28	5198	-39	2	A22			6687	-50	3				8530	-54	7			
23	3936	-30	0	A20	022	07	5211	-38	4	A22	026	12	6715	-47	5		011	14	8557	-61	9		010	11
24	3830	-31	1	A20	316	13	5105	-38	7	A22	319	15	6598	-50	6		321	19	8440	-57	3		320	20
25	3738	-32	6	36	005	11	5000	-40	8		008	10	6488	-49	5		356	10	8332	-55	2		356	12
26	3755	-32	0	47	356	19	5019	-40	5		360	21	6511	-48	9		010	22	8360	-56	0		005	23
27	3730	-34	8	69	344	14	4982	-42	2		338	10	6461	-51	8		350	09	8308	-55	8		001	14
28	3796	-32	6	A20	047	09	5017	-41	1		038	12	6499	-51	4		051	22	8334	-56	1		036	22
MN	3863	-30	8	50	*		5137	-38	3	55	*			6642	-47	0	66	*		8515	-53	4		*	

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10823	-58	6		131	11	12639	-56	9		151	12	15217	-54	0		160	18	17566	-41	6		165	17
02	10870	-58	4		146	13	12680	-57	7		145	06	15236	-57	0		149	14	17520	-53	9		140	20
03	11115	-65	0				12876	-64	6															
04	11169	-61	4				12951	-61	0				15457	-62	3									
05	11114	-57	4				12922	-58	7				15481	-58	5				17731	-52	4			
06	11213	-61	9				12997	-61	2				15497	-63	5				17726	-57	6			
07	11263	-60	9				13051	-61	2				15573	-59	5				17829	-54	2			
08	11420	-58	1	297	18	13230	-57	4	324	18	15807	-53	8	354	20	18135	-48	1	014	26
09	11493	-51	1			13306	-49	8			15952	-51	0			18274	-50	9		
10	11528	-51	8			13414	-48	2			16072	-50	3			18401	-50	4		
11	11402	-45	0	283	14	13393	-45	1	293	15	16032	-47	1			18985	-48	7		
12	11260	-42	3			13215	-39	9			15953	-46	5							
13	11142	-41	1			13092	-42	4			15843	-46	1			18225	-46	5		
14	11100	-40	8			13056	-42	9			15772	-46	7			18138	-48	7		
15	11094	-40	9	005	05	13046	-42	3	342	04	15762	-47	4	358	05	18123	-47	3	318	06
16	11052	-42	1	061	01	13002	-42	6	026	04	15716	-46	7	022	04	18069	-48	8	011	05
17	11026	-45	5	130	02	12948	-45	3	067	01	15633	-48	3	025	03	17969	-50	9	016	03
18	11109	-48	9	123	05	13016	-46	2	090	04	15684									
19	11149	-48	4	176	02	13038	-49	1	315	03	15690	-49	7	001	05	18017	-51	5	350	05
20	11207	-48	6	328	08	13095	-48	2	311	11	15755	-50	6	303	07	18071	-51	7	336	09
21	11183	-52	7			13063	-48	6			15724	-50	3			18047	-53	2		
22	11159	-48	6			13043	-50	2			15702	-48	3			18014	-53	0		
23	11143	-50	9	333	15	13016	-48	9	-		15665	-51	8	-		17971	-54	1	-	
24	11044	-51	4	314	18	12911	-51	9	313	20	15546	-51	4	309	32					
25	10959	-51	6	358	15	12829	-49	8	337	18	15499	-50	9	340	22	17827	-50	2	344	31
26	10951	-53	0	357	21	12825	-50	5	002	24	15461	-51	9	350	22	17786	-50	7		
27	10910	-52	8	357	15	12765	-53	6	349	16	15402	-49	8	348	25	17727	-51	7	357	14
28	10957	-54	1	032	13	12781	-53	1	019	13	15411	-51	7	014	23	17722	-52	5	007	17
MN	11135	-51	5	*		13005	-51	0	*		15650	-51	7	*		17968	-50	8	*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.

FEBRUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19906	-29	1			23535	-31	7			26381	-36	0							
02	19909	-31	9			23488	-37	6			26332	-33	3							
03	19741	-43	2			23306	-38	1			26067	-43	9							
04																				
05	19922	-52	3			23353														
06	19867	-51	1			23320	-36	8												
07	19893																			
08	20203	-46	8	008	18	23594	-45	3	020	21	26319	-44	8	019	17					
09	20494	-49	1			23775	-49	7			26438	-49	5							
10	20591	-50	9	025	12	23957	-49	5	010	13										
11	20612	-50	5			23935	-51	5			26562	-52	2							
12																				
13	20496	-49	2			23822	-53	0			26429	-53	3							
14	20373	-50	6	311	05															
15	20374	-49	0	287	07	23701	-51	5	348	04	26320	-54	5	337	03					
16	20318	-50	7	343	05	23640	-52	4	292	07										
17	20261	-52	0	005	05	23560	-53	9	354	05										
18	20203	-53	1	344	04	23488	-56	4	028	05	26071	-55	7	028	06					
19																				
20																				
21	20230	-53	3			23484	-58	7			26045	-59	4							
22																				
23	20183	-55	0	342	40	23436	-56	5	338	21	25994	-58	8	344	23					
24	20123	-55	5	306	16	23350														
25	19941	-53	0	320	31	23199	-56	1	335	39										
26	19997	-51	3			23283	-55	7												
27	19919	-52	9	337	17	23166	-59	9	342	18	25690	-63	7	328	11					
28	19891	-54	7	354	16															
MN	20147	-49	3	*		23519	-49	7	*		26220	-50	4	*					*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	Surface Synoptic Data ww	Surface Synoptic Data $p_0 p_0 p_0$	Freezing Levels Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Tropopause (1) Alt. gpkm.	Tropopause (1) Pres mb.	Tropopause (1) Temp. °C	Tropopause (1) σ °A	Tropopause (2) Code	Tropopause (2) Alt. gpkm.	Tropopause (2) Pres mb.	Tropopause (2) Temp. °C	Tropopause (2) σ °A	Max. Wind Level Code	Max. Wind Level Alt. gpkm.	Max. Wind Level Pres mb.	Max. Wind Level Velocity deg.	Max. Wind Level Velocity mps.
01	30830	36	2 16	0					1	08 58	285	-62	3 302	1	20 66	045	-31	4 585	5	05 78	444	189	17
02	30810	02	1 04	0					1	07 77	328	-59	8 294	1	23 24	091	-38	3 639	1	18 99	057	195	31
03	00900	76	3 12	0					2	08 20	312	-58	8 299	2	23 31	030	-38	1 640	2	01 42	830	134	10
04	9-0--	71	8 12	0					7	09 92	259	-44	3 307	0					1	02 78	899	156	42
05	26100	39	2 26	0					1	11 68	183	-60	1 346	1	14 93	116	-59	9 395	0				
06	00900	02	2 38	0					2	07 42	353	-50	8 300	0					1	06 16	427	205	38
07	50870	01	3 01	0					2	09 79	252	-62	5 313	0					1	07 41	368	189	42
08	00900	02	0 01	0					2	10 41	232	-59	0 325	0					9	07 59	365	318	31
09	865--	76	7 10	0					1	10 20	244	-62	6 316	0					1	00 63	943	219	21
10	865--	71	0 02	0					1	09 21	284	-54	8 313	0					9	08 98	295	314	26
11	864--	71	6 18	0					1	09 37	276	-54	2 317	0					4	07 46	370	295	30
12	00900	39	1 33	0					1	07 49	352	-47	8 303	1	14 32	128	-47	8 405	0				
13	00900	36	5 07	0					1	06 18	421	-46	8 290	1	16 70	089	-47	6 450	0				
14	00900	37	8 05	0					1	05 24	478	-47	5 279	1	11 53	188	-42	5 372	9	04 23	596	015	30
15	00900	38	8 09	0					1	06 60	392	-49	4 293	2	12 30	168	-42	3 384	9	02 78	688	021	26
16	60810	02	6 04	0					1	06 27	411	-49	1 289	0					9	05 56	457	018	15
17	00900	22	0 00	0					2	05 22	480	-45	7 281	0					9	04 59	526	030	09
18	00900	22	3 03	0					2	07 83	330	-39	8 302	0					9	05 19	492	184	17
19	00901	44	0 06	0					1	07 67	341	-36	5 299	0					8	00 06	004	010	15
20	10870	37	1 24	0					1	07 80	336	-55	9 296	0					8	00 86	914	029	23
21	00900	44	0 05	0					1	08 73	295	-55	6 309	1	18 06	070	-54	5 467	0				
22	00900	10	0 05	0					1	08 61	297	-56	5 307	1	12 12	173	-52	1 365	0				
23	00900	02	0 01	0					1	08 42	305	-58	9 301	2	18 02	070	-54	5 467	9	20 36	049	295	48
24	00901	02	6 13	0					2	07 75	340	-56	9 294	0					9	19 39	056	317	28
25	60817	02	8 18	0					1	08 39	299	-57	4 305	2	20 91	043	-56	6 532	9	23 51	029	295	40
26	00900	76	3 11	0					2	08 40	298	-59	8 302	0					1	05 66	455	024	24
27	00900	10	1 08	0					1	07 44	344	-56	1 294	1	16 56	084	-53	5 445	9	02 66	697	360	22
28	00900	02	1 04	0					1	07 91	320	-55	2 302	1	18 40	063	-56	8 477	9	05 01	498	020	19
MEAN										08 15	323	-55	6 303		17 19	093	-48	3 473					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19916	-31	9	165	31	23534														
02	19744																			
03																				
04																				
05	19924	-49	5			23414	-49	1			26186	-42	2							
06	19867	-51	8			23302	-39	0												
07	20023	-45	5			23442	-43	9			26162	-44	9							
08	20363	-46	0	031	27	23743	-48	8	024	21	26406	-48	2	005	19					
09	20469	-50	2			23778	-52	9			26405	-53	0							
10	20611																			
11	20586	-51	1			23908	-51	3			26535	-55	7							
12																				
13	20440	-48	8			23757	-52	9			26367	-54	0							
14	20350	-49	5			23667	-52	9			26280	-53	7							
15	20329	-48	4	306	05	23652	-53	1	345	04	26262	-54	7	082	02					
16	20262	-52	0	002	05	23568	-54	2	325	04	26167	-55	0	356	02					
17	20144	-54	3	002	04	23424	-54	8	009	05										
18																				
19	20190	-54	1	026	06	23439	-57	4	360	04										
20	20249	-52	6	340	09	23510	-57	1	347	07										
21	20209																			
22	20180	-52	4			23408	-60	9			25949	-58	0							
23	20191	-56	1	-		23361	-56	6	-		25903	-61	7	924	28					
24																				
25	20020	-52	8	340	27	23302	-56	6	340	23	25851	-61	7	341	20					
26	19950	-54	7			23194	-59	8			25710	-61	8							
27	19880	-54	3	341	19	23139	-59	1	333	14	25651	-62	2							
28	19877	-56	2	035	07	23100	-59	3	047	08	25621	-62	3	019	10					
MN	20161	-50	6	*		23482	-53	4	*		26097	-55	1	*					*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	Surface Synoptic Data ww	Surface Synoptic Data $p_0 p_0 p_0$	Freezing Levels Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Tropopause (1) Alt. gpkm.	Tropopause (1) Pres mb.	Tropopause (1) Temp. °C	Tropopause (1) σ °A	Tropopause (2) Code	Tropopause (2) Alt. gpkm.	Tropopause (2) Pres mb.	Tropopause (2) Temp. °C	Tropopause (2) σ °A	Max. Wind Level Code	Max. Wind Level Alt. gpkm.	Max. Wind Level Pres mb.	Max. Wind Level Velocity deg.	Max. Wind Level Velocity mps.
01	00900	76	3 05	0					2	07 58	336	-62	0 288	0					9	21 16	042	168	37
02	00900	76	1 11	0					2	07 54	340	-59	4 292	0					1	18 91	057	197	21
03	9-0--	71	7 42	0					1	09 71	251	-63	2 312	0					0				
04	9-0--	71	7 35	0					1	09 93	244	-64	5 313	0					0				
05	00900	02	2 45	0					1	09 59	254	-56	1 321	1	16 29	088	-61	2 429	2	02 98	675	180	29
06	8082-	02	0 08	0					1	09 73	254	-65	5 307	0					4	06 58	414	197	47
07	8082-	71	0 01	0					2	08 47	312	-56	4 303	0					4	06 16	442	182	42
08	60840	76	6 14	0					1	09 32	279	-59	3 308	0					9	09 09	290	325	36
09	865--	71	1 07	0					1	09 29	279	-58	6 309	0					0				
10	865--	38	7 32	0					1					0					0				
11	857--	71	2 10	0					2	07 32	369	-46	5 302	0					7	09 66	260	278	29
12	00900	59	0 01	0					1	06 60	400	-50	1 290	1	11 39	197	-43	0 366	0				
13	00900	10	5 04	0					1	06 01	428	-49	8 285	1	15 72	102	-46	2 496	4	02 69	699	347	25
14	00900	38	6 03	0					1	06 39	404	-51	1 287	1	13 28	145	-44	1 398	2	01 13	866	026	29
15	00900	76	7 03	0					2	06 38	406	-49	0 290	0					9	03 73	600	022	17
16	00900	76	1 06	0					1	06 10	419	-48	2 288	0					9	05 26	475	021	16
17	00900	10	5 01	0					1	07 66	333	-50	3 306	0					9	06 93	395	190	29
18	00900	44	3 27	0					1	07 71	338	-56	3 296	0					7	09 16	270	156	16
19	00900	10	3 13	0					1	07 77	357	-54	8 298	0					9	00 65	932	031	19
20	00900	10	0 09	0					1	07 28	365	-52	4 294	0					9	03 20	644	360	20
21	00900	39	6 16	0					2	08 23	317	-57	4 300	1	16 13	094	-52	6 439	2	00 44	970	036	27
22	00900	02	1 17	0					2	07 79	336	-56	3 296	2	16 25	092	-52	2 437	2	02 66	715	091	29
23	00900	02	8 10	0					1	08 72	292	-63	3 298	1	20 80	045	-59	3 518	9	25 71	021	326	29
24	00900	02	6 15	0					2	08 06	318	-57	3 300	0					8	15 88	095	313	35
25	00900	02	5 02	0					1	07 61	336	-56	5 296	1	15 97	102	-50	5 427	9	18 16	067	344	38
26	00900	10	1 08	0					2	07 29	355	-54	5 294	1	19 22	056	-55	4 495	1	19 89	094	347	26
27	00900	02	1 07	0					1	08 20	305	-56	1 305	1	19 19	056	-56	9 492	9	19 40	100	348	29
28	00900	02	0 02	0					1	07 43	346	-57	7 292	0					9	07 08	365	058	26
MEAN										07 92	332	-56	0 299		16 56	098	-52	1 443					

A — *Statistical Value for Relative Humidity*

* — *Vector Mean Wind*

\- — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.

MARCH 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1001	-37	4	360	05	0068	-37	2	360	05	0430	-28	9	020	07	0819	-27	3	012	09
02	0998	-37	4	000	00	0050					0410	-38	3	286	06	0781	-31	3	297	12
03	1000	-35	1	170	04	0064	-35	1	170	04	0420	-36	9	230	08	0796	-32	9	250	10
04	1000	-34	3	160	06	0065	-34	2	160	06	0430	-31	2	212	07	0813	-27	7	247	05
05	1001	-36	9	330	02	0069	-36	7	330	02	0430	-32	2	285	06	0813	-29	0	273	08
06	1000	-41	5	350	05	0062					0420	-35	0	330	06	0795	-31	2	328	08
07	1000	-38	4	330	05	0065	-38	4	330	05	0425	-28	1	006	09	0814	-22	8	010	09
08	1003	-34	4	320	03	0082	-34	5	320	04	0440	-32	4	020	11	0825	-29	7	020	11
09	1006	-35	6	320	02	0104	-35	4	300	02	0470	-34	7	198	03	0843	-30	9	154	07
10	1003	-35	8	320	02	0087	-35	5	320	02	0490	-27	5	206	13	0840	-24	2	216	12
11	1009	-34	4	310	03	0124	-32	5	290	03	0490	-30	0	259	03	0875	-27	8	256	07
12	1017	-35	5	050	06	0180	-32	3	040	05	0540	-30	4	356	01	0929	-29	5	358	01
13	1015	-38	4	320	06	0151	-35	8	330	07	0500	-28	8	092	07	0901	-29	2	042	08
14	1008	-37	2	000	00	0119	-36	6	000	00	0490	-32	1	066	04	0861	-29	8	092	04
15	1005	-31	2	330	11	0097	-31	5	332	11	0455	-27	2	360	16	0855	-26	1	005	15
16	1014	-35	6	120	05	0159	-34	1	140	05	0520	-36	2	286	07	0906	-30	0	284	03
17	1014	-37	2	130	06	0158	-35	9	140	06	0515	-30	7	192	07	0903	-30	5	215	06
18	1006	-34	6	120	17	0109	-33	7	128	17	0465	-29	9	178	16	0860	-27	5	198	15
19	1009	-30	8	130	23	0126	-31	4	130	23	0480	-30	9	154	25	0874	-28	2	176	16
20	1014	-27	4	120	17	0165	-28	3	132	18	0530	-31	2	186	15	0915	-32	4	150	15
21	1019	-35	0	330	04	0198	-32	1	350	07	0560	-32	8	058	06	0940	-33	5	030	09
22	1015	-33	9	000	00	0170	-33	5	000	00	0550	-33	8	070	04	0908	-34	8	030	06
23	1000	-31	1	290	15	0064	-31	1	290	13	0430	-32	7	315	14	0811	-27	9	315	15
24	0991	-31	1	310	08	-001					0360	-32	9	334	09	0742	-30	0	331	08
25	0993	-33	9	000	00	0012					0370	-33	7	A21	066	03	0750	-32	7	A20	065	06
26	0999	-33	3	020	08	0055					0420	-31	2	049	024	09	0801	-32	2	049	032	10
27	0993	-34	1	000	00	0012					0370	-31	2	346	046	03	0756	-30	6	346	072	04
28	1002	-30	1	070	13	0077	-29	8	060	13	0440	-28	1	065	115	17	0831	-30	5	063	130	15
29	1003	-28	9	010	10	0086	-29	2	010	10	0460	-25	2	066	054	09	0847	-25	8	065	047	06
30	0998	-32	7	330	10	0053					0410	-32	8	345	18	0799	-26	7	359	348	14
31	0992	-25	0	070	07	0009					0395	-24	7	110	06	0773	-27	6	080	09
MN	1004	-34	1	68	*	92	-33	7	67	*	453	-31	2	60	*	838	-29	3	62	*

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1232	-26	1	66	004	09	1675	-24	7	58	007	07	2130	-25	8	47	011	07	2642	-28	2	46	013	07
02	1189	-28	7	75	300	16	1625	-28	7	71	304	16	2080	-28	8	65	319	15	2581	-29	2	57	325	15
03	1202	-29	3	68	260	11	1635	-29	5	69	266	11	2110	-27	0	49	286	11	2597	-27	6	A19	305	15
04	1224	-26	7	77	246	05	1664	-26	5	75	259	06	2130	-27	2	68	229	08	2625	-29	6	63	220	10
05	1222	-28	9	50	234	05	1657	-29	5	48	210	06	2120	-30	7	46	201	07	2605	-32	7	44	194	09
06	1201	-30	2	61	329	04	1634	-29	2	58	321	02	2100	-29	4	50	178	03	2586	-30	9	37	178	06
07	1233	-22	9	58	018	10	1678	-22	8	62	020	09	2170	-23	0	71	045	05	2656	-24	2	77	054	07
08	1236	-27	2	65	165	07	1675	-25	8	69	161	05	2150	-26	5	72	352	03	2640	-27	2	76	324	02
09	1252	-28	2	70	160	08	1688	-27	7	72	169	09	2165	-27	1	74	178	07	2648	-28	7	74	188	06
10	1258	-25	0	67	227	14	1704	-22	5	68	225	15	2190	-23	4	72	222	16	2679	-25	3	78	232	14
11	1287	-26	0	38	232	13	1728	-25	6	28	218	09	2200	-26	7	55	226	13	2691	-28	6	64	233	15
12	1337	-29	8	62	000	00	1769	-30	1	66	182	04	2230	-30	7	71	148	04	2715	-32	8	74	165	04
13	1309	-29	8	45	042	07	1743	-28	8	60	053	05	2210	-30	8	68	058	05	2691	-33	2	75	062	04
14	1268	-30	2	65	052	05	1700	-31	2	66	056	08	2170	-33	0	60	055	09	2638	-35	1	51	066	11
15	1265	-27	6	81	357	14	1700	-29	2	81	357	14	2170	-29	5	80	002	12	2651	-32	4	78	005	11
16	1313	-29	7	82	272	03	1746	-30	3	83	266	03	2200	-31	6	81	268	03	2691	-33	5	79	255	05
17	1309	-29	4	78	228	05	1742	-30	6	78	204	04	2200	-32	7	79	205	04	2682	-35	6	80	209	04
18	1269	-29	5	76	208	12	1702	-30	6	79	210	13	2170	-31	7	73	204	13	2646	-33	5	71	212	09
19	1285	-28	2	75	184	15	1719	-30	2	75	183	19	2180	-31	4	74	174	17	2664	-32	6	74	177	16
20	1316	-32	3	77	144	16	1744	-33	3	76	148	16	2210	-34	3	76	149	16	2678	-34	6	76	147	20
21	1341	-34	3	63	135	09	1766	-35	0	66	132	10	2230	-35	9	69	133	10	2692	-37	7	70	130	11
22	1306	-35	0	67	091	08	1730	-35	2	68	104	08	2190	-36	6	68	112	08	2655	-38	1	68	115	11
23	1221	-29	2	72	323	18	1694	-30	7	72	344	15	2120	-32	2	72	350	13	2596	-33	7	71	352	16
24	1152	-27	4	69	359	08	1589	-28	8	72	001	10	2050	-30	5	74	355	11	2539	-30	9	72	352	09
25	1153	-32	2	A20	044	08	1580	-34	0	A21	031	09	2040	-32	6	A20	035	11	2520	-33	2	A20	022	16
26	1204	-33	2	48	046	10	1631	-32	5	44	040	11	2100	-32	8	96	033	12	2571	-33	7	A21	040	11
27	1161	-32	4	41	075	07	1587	-34	9	48	066	09	2050	-34	2	47	057	11	2522	-32	8	49	057	14
28	1236	-31	7	62	112	11	1664	-34	0	61	096	11	2120	-32	7	98	105	10	2600	-35	3	59	188	13
29	1259	-28	6	68	030	07	1693	-29	4	67	042	06	2160	-32	9	67	067	04	2633	-35	7	67	066	06
30	1213	-28	7	52	004	09	1653	-26	8	48	029	06	2120	-29	8	46	023	05	2606	-30	5	49	060	09
31	1183	-28	0	44	071	21	1619	-27	2	A19	050	24	2095	-26	7	A19	034	18	2579	-28	9	38	035	23
MN	1246	-29	1	63	26	01	1680	-29	5	62	*		2148	-30	3	61	*		2630	-31	7	60	66	02

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	0997	-38	4	310	07	0042					0410	-32	3	60	-	0783	-27	8	63	-
02	1002	-40	7	090	01	0074	-40	6	090	01	0450	-38	0	55	256	04	0806	-31	9	64	286	05
03	0999	-34	4	170	06	0058					0420	-33	0	72	208	09	0801	-28	9	78	256	09
04	1000	-37	3	125	03	0064	-37	3	125	03	0420	-31	1	72	249	03	0810	-28	6	73	268	03
05	1000	-39	2	350	02	0064	-39	2	350	02	0425	-35	6	61	292	05	0799	-32	1	70	268	04
06	0999	-41	7	315	09	0058					0420	-28	9	66	354	11	0801	-27	9	71	019	08
07	1000	-37	2	000	00	0064	-37	2	000	00	0435	-30	6	60	085	03	0813	-25	4	72	010	04
08	1003	-32	2	140	02	0087	-32	3	140	02	0440	-38	3	66	144	04	0829	-31	7	68	159	04
09	1006	-38	8	300	02	0103	-37	7	298	02	0470	-33	7	59	250	01	0845	-27	8	62	212	02
10	1002	-29	9	210	15	0080	-30	0	210	13	0440	-27	8	69	226	10	0838	-25	0	78	235	15
11	1014	-31	8	000	00	0162	-31	8	-		0510	-31	6	63	-		0909	-29	3	67	-	
12	1017	-38	9	260	08	0181	-36	7	311	08	0540	-30	2	62	038	09	0928	-30	4	52	040	10
13	1009	-34	9	040	06	0130	-35	3	040	06	0490	-33	2	73	042	06	0875	-27	5	72	026	10
14	1005	-35	9	320	08	0097	-36	3	320	08	0470	-27	4	64	008	12	0849	-27	5	68	016	13
15	1010	-34	4	260	03	0157	-33	6	-		0500	-30	2	60	-		0885	-30	0	63	-	
16	1016	-36	5	120	06	0174	-36	0	-		0530	-30	8	71	-		0919	-30	1	74	-	
17	1009	-37	7	130	03	0124	-36	2	135	03	0490	-31	8	63	200	06	0867	-30	2	66	216	10
18	1006	-33	9	120	23	0109	-34	2	-		0475	-28	8	72	-		0881	-26	6	76	-	
19	1011	-28	8	120	17	0142	-29	5	125	18	0500	-29	9	73	195	20	0893	-29	4	72	169	19
20	1017	-28	7	120	08	0183	-29	5	124	09	0550	-31	8	72	133	12	0928	-33	2	69	137	13
21	1018	-34	1	070	02	0192	-32	5	090	03	0560	-33	0	43	127	05	0933	-33	8	48	127	06
22	1007	-33	4	310	04	0115	-32	6	310	04	0470	-29	2	50	356	11	0866	-30	2	60	005	10
23	0995	-31	9	300	08	0028					0380	-34	4	62	328	14	0763	-33	8	52	333	17
24	0989	-35	2	000	00	-014					0350	-33	8	54	332	05	0723	-34	6	62	331	05
25	1000	-37	7	360	03	0061					0430	-33	0	47	063	05	0798	-33	2	46	074	07
26	0994	-37	8	310	03	0022					0380	-31	8	65	340	05	0762	-31	5	66	352	05
27	0998	-34	9	080	15	0049					0400	-33	4	52	106	16	0787	-36	5	50	110	14
28	1004	-31	0	040	17	0093	-30	7	041	16	0450	-26	6	66	058	11	0850	-28	1	64	065	07
29	1000	-33	4	340	12	0060					0435	-23	4	64	359	14	0822	-25	7	69	354	13
30	0992	-34	8	315	15	0012					0380	-31	0	50	347	21	0757	-22	9	50	353	18
31	0996	-28	4	045	06	0037					0410	-26	6	54	040	07	0795	-29	7	59	010	09
MN	1004	-35	0	70	*	90	-34	5	68	*	452	-31	2	62	*		835	-29	7	65	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1195	-26	7	65	-	1634	-26	7	58	-	2100	-27	8	50	-	2594	-28	9	41	-
02	1214	-27	3	68	289	06	1652	-26	4	64	324	06	2120	-28	7	61	314	08	2668	-31	1	38	319	12
03	1213	-25	5	85	282	08	1654	-25	6	81	287	08	2110	-26	4	67	274	10	2617	-28	7	52	274	10
04	1221	-27	2	79	263	04	1658	-28	2	66	241	05	2110	-29	6	57	212	04	2610	-31	6	60	195	07
05	1204	-30	1	71	251	04	1636	-31	2	68	196	05	2085	-32	2	64	185	07	2579	-33	4	60	191	08
06	1212	-27	4	69	024	07	1651	-26	4	49	045	05	2110	-27	8	52	118	06	2611	-29	1	A19	110	06
07	1229	-24	3	75	008	04	1671	-25	4	80	346	04	2150	-22	1	83	355	06	2646	-24	8	81	357	07
08	1236	-28	7	71	164	08	1672	-28	0	72	166	10	2140	-27	2	74	166	07	2632	-28	6	74	151	02
09	1258	-25	2	61	310	03	1701	-23	7	41	309	04	2180	-24	7	29	294	05	2671	-27	4	A19	292	07
10	1255	-24	3	79	235	19	1697	-24	5	79	232	24	2170	-24	8	79	229	27	2668	-25	4	79	232	24
11	1319	-27	8	69	-		1756	-27	4	71	250	09	2220	-29	0	72	225	10	2710	-30	5	73	216	11
12	1333	-32	3	42	038	09	1765	-29	4	48	032	04	2220	-31	5	54	059	01	2709	-33	7	59	126	01
13	1285	-27	0	74	032	10	1722	-28	5	74	036	07	2180	-31	0	73	037	10	2669	-33	6	72	057	11
14	1260	-28	3	71	019	11	1695	-29	2	74	029	10	2160	-30	3	78	022	13	2648	-32	0	80	032	11
15	1293	-29	7	66	-		1726	-29	6	68	-		2200	-31	9	69	322	05	2669	-34	3	69	327	04
16	1325	-30	8	76	228	04	1755	-31	7	77	225	04	2220	-32	7	79	222	03	2695	-34	9	78	210	02
17	1274	-29	9	73	217	11	1707	-30	2	76	223	07	2180	-32	4	74	225	04	2648	-34	7	73	225	04
18	1273	-27	8	76	188	16	1708	-29	5	75	186	15	2180	-31	2	74	188	12	2654	-33	0	72	195	17
19	1300	-31	0	72	163	18	1730	-32	5	71	161	17	2200	-34	0	71	163	17	2666	-34	5	70	166	21
20	1330	-33	3	69	139	14	1756	-34	0	68	137	18	2210	-34	7	67	138	12	2686	-36	7	66	142	11
21	1333	-35	1	51	119	07	1757	-35	6	54	116	11	2205	-36	7	55	124	09	2681	-38	3	56	131	10
22	1270	-32	6	65	010	11	1696	-34	6	69	020	11	2170	-36	3	72	034	10	2624	-36	9	73	034	11
23	1170	-27	2	55	337	18	1612	-24	6	42	340	17	2090	-29	2	33	343	21	2580	-28	2	47	350	21
24	1127	-28	7	71	303	04	1564	-28	0	74	334	07	2020	-29	5	75	345	10	2518	-30	7	78	345	13
25	1199	-34	1	46	062	08	1624	-34	3	42	050	10	2080	-34	4	37	041	12	2557	-34	6	39	037	13
26	1166	-32	1	62	012	04	1594	-32	7	56	053	05	2050	-32	3	48	060	07	2536	-32	8	42	051	09
27	1182	-38	3	51	105	12	1599	-38	2	51	104	11	2045	-36	2	50	107	09	2525	-38	4	48	101	10
28	1259	-29	6	63	040	06	1691	-31	3	61	038	11	2150	-32	1	59	043	14	2639	-33	7	59	050	13
29	1296	-26	8	68	356	12	1672	-29	6	67	022	08	2135	-32	4	65	035	06	2615	-35	5	63	039	06
30	1176	-22	9	45	357	17	1619	-23	6	58	014	17	2090	-24	3	74	022	18	2594	-24	7	76	032	14
31	1202	-31	2	66	012	11	1635	-29	3	67	012	12	2090	-31	6	69	004	14	2577	-35	7	69	355	16
MN	1244	-29	1	66	6	02	1678	-29	4	65	*		2141	-30	3	63	*		2627	-32	1	61	36	02

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.
MARCH 1963

STATION INSTRUMENTATION
USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3754	-34	0	38	005	08	4989	-42	3		004	08	6467	-50	1		012	11	8321	-53	7		007	14
02	3671	-34	6	32	323	15	4925	-41	8		332	20	6412	-48	6		335	19	8292	-50	7		014	12
03	3693	-33	9	A21	305	13	4951	-41	0		305	15	6441	-49	3		293	11	8296	-54	4		295	09
04	3714	-34	7	55	216	10	4969	-41	7		217	09	6450	-51	4		205	15	8302	-53	5		198	12
05	3680	-37	2	38	184	14	4925	-43	3		188	17	6402	-50	0		183	24	8278	-49	8		186	12
06	3672	-34	6	A21	181	11	4924	-42	6		180	19	6404	-49	6		172	28	8275	-51	2		171	14
07	3767	-30	1	79	122	10	5041	-39	1	68	134	07	6531	-51	0		116	08	8375	-54	2		140	09
08	3741	-32	1	75	256	04	5002	-41	4		255	06	6482	-51	5		210	05	8340	-53	5		020	04
09	3741	-35	4	74	205	07	4998	-42	0		231	06	6474	-51	5		239	07	8328	-52	6		216	07
10	3786	-30	8	79	236	16	5057	-39	9		248	13	6553	-48	5		231	14	8400	-56	9		212	16
11	3787	-33	7	43	225	24	5047	-40	8		222	18	6527	-52	2		220	20	8370	-54	8		228	19
12	3788	-37	6	78	314	03	5027	-45	1		-		6484	-54	5		-		8319	-54	1		-	
13	3761	-38	8	71	134	05	4992	-46	6		132	07	6442	-55	4		139	07	8270	-54	7		129	05
14	3701	-40	0	32	087	21	4933	-45	2		096	20	6403	-51	0		106	18	8266	-52	3		087	05
15	3724	-39	0	76	023	07	4953	-47	0		010	13	6398	-57	0		014	12	8218	-57	5		026	05
16	3761	-39	1	76	228	02	4990	-47	5		290	04	6433	-57	0		019	04	8234	-60	5		200	07
17	3744	-40	6		233	02	4964	-48	1		228	02	6406	-57	2		231	04	8207	-58	7		218	05
18	3716	-40	4		212	04	4939	-47	3		241	05	6383	-56	1		293	07	8182	-60	2		260	07
19	3740	-37	4	70	172	14	4974	-46	3		170	17	6425	-55	8		187	22	8233	-56	8		200	25
20	3745	-39	2		156	16	4973	-47	0		164	15	6432	-52	7		185	19	8282	-53	3		175	18
21	3744	-42	9		137	14	4961	-47	6		145	16	6417	-53	2		152	10	8269	-51	7		156	11
22	3707	-42	4		120	14	4922	-48	6		128	13	6375	-52	2		136	12	8244	-49	5		171	04
23	3668	-37	5		020	12	4898	-47	0		025	15	6351	-53	2		052	10	8219	-48	1		012	10
24	3619	-36	3	57	360	15	4868	-42	8		351	17	6341	-51	5		355	18	8219	-48	6		353	17
25	3594	-37	1	A22	022	19	4841	-42	1		018	21	6395	-46	8		022	28	8241	-47	9			
26	3644	-36	7	A22	044	19	4897	-40	5		052	25	6399	-47	5		050	39	8277	-50	2			
27	3604	-35	2	A21	058	19	4855	-41	7		060	24	6342	-48	5		062	48	8223	-48	6			
28	3660	-40	8		110	17	4885	-46	0		105	21	6353	-51	3		094	20	8221	-49	0		075	08
29	3695	-40	5		045	10	4920	-47	2		038	13	6376	-53	3		043	18	8251	-48	3		054	09
30	3687	-36	9	50	088	10	4926	-45	4		115	15	6387	-52	8		111	16	8267	-47	4		099	08
31	3672	-32	7	50			4937	-39	7	52			6431	-49	7				8280	-51	7			
MN	3708	-36	8	51	*		4951	-44	0	60	* 97	03	6421	-51	9		* 102	04	8274	-52	7		* 198	03

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10941	-52	2		022	13	12794	-54	3		025	09	15397	-53	9		019	15	17701	-51	9		004	18
02	10925	-51	2		011	09	12787	-53	3		012	07	15387	-54	2		042	08	17680	-53	3		042	01
03	10918	-51	7		257	05	12788	-50	8		222	04	15436	-50	8		153	09	17748	-53	2		133	11
04	10959	-48	4		209	06	12855	-46	9		172	04	15532	-48	8		140	06	17868	-50	5		100	03
05	10949	-48	8		243	02	12841	-47	7		266	03	15505	-50	0		000	00	17829	-51	8		066	05
06	10950	-47	4		194	09	12851	-48	8		088	02	15510	-49	0		164	03	17839	-51	7		163	02
07	11029	-47	2		121	06	12926	-48	7		162	08	15583	-50	8		135	07	17888	-54	6			
08	11008	-45	8		123	03	12918	-46	2		120	05	15593	-49	8		101	07	17918	-53	2		116	10
09	10979	-49	0		210	04	12870	-48	9		300	04	15520	-51	3		023	09	17852	-51	3		047	08
10	11018	-51	4		292	16																		
11	11004	-48	6				12891	-49	6										17849	-54	3			
12	10962	-49	0		-		12848	-50	6		203	07	15491	-52	2		209	04	17792	-52	8		132	01
13	10915	-48	7		123	03	12807	-49	0		180	02	15450	-51	9		305	02	17761	-52	3		035	03
14	10918	-48	8		080	07	12812	-48	6		139	04	15471	-49	9		278	04	17811	-50	4		317	09
15	10842	-50	0		300	03	12720	-50	6		293	05	15359	-50	9		218	10	17689	-50	5		251	09
16	10824	-53	0		227	08	12676	-53	7		208	17	15277	-54	6		205	14	17562	-54	1		210	19
17	10785	-55	0		215	07	12621	-56	0		212	08	15187	-57	3		223	09	17442	-57	2		-	
18	10754	-54	7		227	10	12589	-56	6		247	09	15145	-58	6		243	11	17383	-59	2		248	15
19	10817	-52	0		236	13	12660	-56	9		250	14	15227	-58	3		259	15	17470	-58	7		247	18
20	10903	-51	2		210	15	12756	-54	8		243	14	15328	-58	3		241	16	17569	-58	5		257	24
21	10907	-52	3		198	06	12759	-54	7		195	09	15334	-58	0		262	17	17572	-59	7		226	17
22	10901	-50	2		251	06	12774	-51	6		260	10	15384	-55	4		272	11	17640	-59	0		-	
23	10895	-47	0		312	06	12793	-49	0		303	08	15439	-51	8		303	09	17739	-54	4		302	12
24	10896	-46	9		334	06	12801	-48	2		344	11	15464	-49	8		310	09	17788	-52	4		292	08
25	10931	-47	1				12829	-48	4				15482	-51	2				17789	-53	6			
26	10951	-48	1				12842	-49	3				15490	-50	7				17804	-52	4			
27	10898	-48	2				12787	-49	6				15436	-51	3				17740	-53	7			
28	10904	-47	8		025	12	12803	-48	7		037	05	15453	-52	4		096	08	17749	-54	0		021	03
29	10946	-46	2		080	03	12861	-46	5		125	04	15522	-50	8		056	02	17824	-53	6		228	01
30	10958	-48	1		100	04	12859	-48	8		065	03	15505	-52	3		077	02	17798	-54	7		949	01
31	10951	-45	7				12842	-49	2				15483	-52	3				17776	-54	9			
MN	10921	-49	4		* 233	02	12799	-50	5		* 235	03	15431	-52	6		* 237	03	17729	-54	1		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3689	-32	9	40	340	17	4951	-40	7		346	19	6443	-48	9		352	23	8298	-53	7		013	13
02	3692	-34	2	35	334	20	4954	-39	0	A22	337	22	6460	-47	3		344	18	8336	-52	5		351	07
03	3709	-33	8	72	281	12	4964	-42	0		279	10	6446	-50	6		249	11	8296	-54	0		240	08
04	3692	-36	0	54	178	09	4937	-43	7		192	14	6407	-52	0		190	20	8267	-51	2		197	13
05	3655	-36	6	A22	177	08	4900	-43	3		175	13	6381	-49	5		170	19	8264	-49	1		181	15
06	3704	-34	7	A21	149	14	4962	-40	5		160	17	6456	-49	9		152	31	8305	-53	2		145	16
07	3753	-31	2	76	342	05	5017	-41	2		346	03	6501	-50	7		338	06	8351	-55	1		084	04
08	3722	-34	2	69	193	05	4977	-42	2		202	09	6455	-48	6		212	02	8318	-53	4		245	02
09	3764	-34	4	A21	282	10	5017	-42	1		291	11	6499	-50	7		296	14	8355	-52	3		230	13
10	3774	-30	5	76	232	30	5048	-38	6	70			6548	-48	8				8388	-55	5			
11	3793	-35	9	75	219	13	5038	-44	2		225	13	6499	-54	5		214	13	8325	-55	0		215	12
12	3778	-38	9		201	05	5010	-46	0		199	13	6466	-54	7		197	11	8298	-55	0		195	07
13	3737	-39	5	71	030	11	4963	-47	9		030	13	6413	-54	5		046	11	8258	-52	7		-	
14	3718	-38	9	76	050	13	4948	-46	6		058	14	6398	-56	0		070	13	8223	-55	5		076	05
15	3735	-39	8	70	018	03	4959	-48	2		341	04	6395	-58	8		-		8191	-58	1		-	
16	3758	-40	4		217	02	4978	-48	6		218	03	6417	-57	5		216	03	8213	-60	2		214	03
17	3712	-40	2		246	02	4933	-48	6		267	03	6371	-56	7		263	03	8171	-59	5		261	04
18	3732	-37	7	68	180	12	4965	-46	3		217	10	6417	-55	4		225	13	8216	-61	7		239	11
19	3734	-39	0		154	16	4960	-48	1		161	22	6410	-55	0		169	12	8238	-55	2		183	12
20	3743	-41	3		146	21	4962	-48	2		148	17	6414	-53	5		156	22	8263	-52	5		180	07
21	3731	-42	7		141	14	4948	-47	8		145	14	6402	-52	4		155	12	8270	-50	0		181	08
22	3680	-42	0		080	14	4896	-49	0		090	14	6346	-52	3		090	08	8224	-48	4		085	03
23	3670	-35	2	69	356	24	4917	-44	2		011	17	6379	-54	0		004	25	8235	-51	2		353	11
24	3604	-35	0	A21	360	18	4853	-43	7		360	29	6331	-51	0		358	22	8210	-48	0		357	15
25	3627	-38	0	A22	036	17	4869	-43	0		036	22	6355	-48	1		036	30	8246	-48	2		030	16
26	3614	-35	5	33	056	15	4868	-40	8		044	26	6365	-48	4		045	28	8244	-49	5		054	20
27	3583	-39	0	40	085	15	4823	-43	5		073	14	6303	-50	0		054	25	8206	-46	3		056	18
28	3703	-38	5	59	061	16	4933	-47	6		070	17	6377	-54	3		065	16	8245	-49	7		076	12
29	3678	-40	1		052	10	4904	-47	1		047	08	6361	-48	9		052	12	8249	-46	4		064	09
30	3701	-31	9	70	057	13	4967	-39	6	69	093	16	6456	-48	8		095	16	8305	-56	3		102	14
31	3645	-36	3	68	002	27	4897	-40	9		008	44	6381	-51	0				8256	-49	4			
MN	3704	-36	9	53	*		4946	-44	3	54	* 44	04	6415	-52	0		* 69	04	8267	-52	9		* 113	02

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10924	-52	0		024	14	12784	-53	4		014	09	15385	-52	9		021	09	17687	-51	0		003	16
02	10967	-51	0		358	05	12838	-51	2		048	04	15467	-51	8		157	09	17780	-52	6		155	08
03	10937	-49	3		222	04	12824	-48	0		161	05	15495	-49	0		154	10	17824	-52	2		146	08
04	10931	-48	7		216	05	12820	-48	8		136	07	15481	-50	0		099	03	17817	-51	3		096	07
05	10942	-47	1		178	05	12837	-48	3		201	03	15503	-49	9		055	02	17818	-53	2		150	04
06	10958	-49	0		126	05	12846	-48	6		198	07	15500	-51	3		134	06	17809	-53	6		161	12
07	10994	-47	7		096	05	12891	-48	6		117	07	15547	-50	5		126	06	17861	-53	3		139	07
08	10975	-47	4		073	01	12872	-48	3		062	03	15538	-49	9		070	06	17856	-53	3		074	10
09	10994	-51	1		222	09	12870	-51	4		225	05	15499	-53	0		024	07	17806	-52	5		047	06
10	11009	-51	0				12882	-52	1				15514	-52	1				17806	-55	2			
11	10967	-49	1		210	09	12851	-50	2		187	06	15487	-52	5		202	06	17781	-54	8		223	03
12	10939	-48	9		179	04	12825	-49	9		206	03	15468	-51	8		189	02	17770	-54	0		090	02
13	10913	-48	6		-		12803	-49	2		072	02	15459	-50	0		298	02	17785	-51	8		028	06
14	10852	-49	6		335	01	12735	-50	4		204	04	15378	-51	6		241	03	17703	-51	0		281	06
15	10786	-53	2		-		12645	-52	4		199	05	15258	-53	9		218	09	17555	-52	0		226	16
16	10786	-54	7		212	06	12623	-56	0		200	09	15191	-58	0		195	12	17444	-56	9		206	15
17	10749	-55	2		233	07	12584	-55	9		227	08	15149	-58	2		227	09	17387	-59	4		223	11
18	10788	-55	6		244	09	12618	-56	5		246	10	15177	-58	2		260	15	17417	-59	1		244	12
19	10844	-53	1				12695	-54	9				15259											
20	10885	-52	8		208	14	12735	-54	1		235	10	15306	-58	3		243	16	17535	-61	5		235	20
21	10914	-51	8		233	05	12771	-53	8		244	11	15358	-56	9		258	15	17608	-58	8		259	21
22	10897	-48	8		295	05	12784	-50	0		282	07	15414	-59	4		293	14	17702	-55	1		295	13
23	10903	-48	0		349	09	12800	-48	1		292	07	15452											
24	10898	-46	9		335	08	12798	-48	2		357	08	15456	-50	5		305	09	17764	-54	1		294	09
25	10919	-48	8		032	14	12812	-49	0		022	11	15462	-52	0		337	05	17766	-54	0		350	06
26	10916	-48	1		063	24	12807	-49	3		339	08	15447	-51	3		051	05	17749	-53	5		038	11
27	10903	-45	3		050	14	12804	-48	9		062	12	15438											
28	10921	-47	3		053	09	12821	-48	5		056	04	15472	-52	6		061	03	17763	-55	3		061	03
29	10948	-47	2		057	05	12849	-47	9		115	03	15504	-51	5		070	03	17802	-54	1		000	00
30	10956	-49	5		114	08	12842	-49	7		053	07	15478	-53	3				17769	-54	9			
31	10958	-48	2				12853	-49	2				15499	-51	1				17795	-54	8			
MN	10912	-49	8		* 73	01	12791	-50	7		* 228	01	15421	-52	7		* 243	02	17720	-54	4		*	

A — *Statistical Value for Relative Humidity*
* — *Vector Mean Wind*
– — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.
MARCH 1963

STATION INSTRUMENTATION
USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19870	-54 7		006	14	23102	-59 4		015	08										
02	19852	-52 4		020	07	23113	-58 6		060	07										
03	19906	-55 4				23137	-59 3				25655	-63 0								
04	20052	-53 5		104	10	23290	-59 2		115	05	25810	-63 2								
05	20002	-53 8		113	05	23254	-58 5		091	07										
06	20010	-54 2		126	05	23252	-59 7		091	10										
07	20041	-56 0				23237	-61 0				25751	-62 8								
08	20076	-54 8		107	07	23302	-60 7													
09	20028	-53 1		080	05	23269	-59 2		071	04	25787	-63 0								
10																				
11	19995	-55 7				23226	-59 3				25749	-61 8								
12	19951	-55 6		007	06	23179	-58 6		005	08	25714	-61 2		020	11					
13	19930	-54 0		023	14	23184	-59 0		019	22										
14	20011	-49 8		325	06	23324	-52 1		008	11	25914	-60 2		350	10					
15	19883	-50 4		249	13	23183	-55 2		277	13										
16	19724	-53 6		210	26	22994	-55 2		241	25	25560	-60 3		236	17					
17	19572	-56 8		-		22820	-55 2		242	20										
18	19489	-59 4		250	15	22714	-57 0		253	21										
19	19586	-57 0		259	29	22824	-57 1		250	36	25377	-56 7		259	30					
20	19687	-58 0		245	22															
21	19674	-60 2		232	14	22857	-60 0		238	27	25397	-58 8		251	37					
22	19747	-59 7		-		22935	-60 7		287	14	25452	-61 8		275	12	29764	-58 8			
23	19884	-56 8		272	13	23094	-60 0		277	13	25615	-62 0		290	13					
24	19946	-56 1		269	11	23176	-59 5		286	11	25695	-62 0		278	16					
25	19944	-55 6				23174	-59 0				25701	-61 9								
26	19969	-55 0				23187	-59 9				25708	-62 1								
27	19897	-55 9				23104	-61 4				25619	-61 7								
28	19889	-56 8		326	04	23100	-60 5		000	00	25623	-60 9		072	01					
29	19982	-55 0		010	02	23213	-59 2		210	02	25756	-59 5		046	02					
30	19945	-56 1		332	03	23172	-58 9		009	05										
31	19933	-55 9				23151	-59 1				25687	-60 3								
MN	19883	-55 4		*262	04	23123	-58 7		*270	06	25662	-61 2		*		29764	-58 8		*	

SPECIAL AEROLOGICAL DATA 00 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	oppp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	20870	02	7 07	0					1	07 50	342	-54 8	297	0					9	16 53	084	012	18
02	00900	02	4 00	0					1	07 37	346	-51 0	301	0					9	05 36	468	337	23
03	20870	76	8 07	0					1	07 60	334	-55 1	298	0					8	15 90	093	138	15
04	10940	76	3 10	0					1	07 19	357	-54 1	294	0					9	06 50	396	205	15
05	10830	10	8 03	0					1	06 17	414	-50 4	286	0					9	06 00	425	182	24
06	00900	10	0 02	0					1	07 23	352	-51 8	298	0					9	06 24	410	174	29
07	20871	76	1 06	0					1	07 48	345	-56 2	294	2	21 45	040	-60 5	533	8	07 73	331	139	11
08	20831	76	1 03	0					2	07 47	344	-54 0	297	2	18 60	063	-54 5	482	9	18 28	066	124	14
09	00908	76	1 06	0					1	07 20	358	-54 0	294	1	18 43	064	-53 7	481	9	21 87	038	065	12
10	30850	36	7 12	0					1	08 05	317	-58 3	298	0					6	09 36	258	209	21
11	00901	02	1 14	0					2	07 12	365	-55 4	290	0					1	09 66	246	207	32
12	00901	02	2 06	0					9					0					9	25 34	021	026	12
13	00901	10	7 10	0					1	07 18	358	-57 5	289	0					9	23 14	030	019	22
14	00900	02	1 04	0					2	06 83	375	-52 3	292	7	25 91	020	-60 2	651	1	27 43	016	347	25
15	856--	71	3 18	0					1	06 88	370	-58 9	285	0					9	00 66	924	360	20
16	00901	02	2 09	0					2	07 38	344	-60 4	288	0					9	24 62	029	242	31
17	00900	02	7 07	0					1	07 29	346	-61 1	287	0					1	23 96	025	217	36
18	20854	37	5 00	0					1	07 62	328	-62 2	290	0					9	23 32	027	249	22
19	9-0--	39	1 06	0					2	06 98	368	-59 3	285	0					9	22 76	030	248	36
20	9-0--	71	3 10	0					2	06 43	400	-52 7	287	0					9	05 90	434	164	36
21	00901	76	5 01	0					2	06 42	400	-53 2	286	0					9	25 25	020	251	38
22	00900	76	7 13	0					2	05 86	433	-51 7	281	0					9	28 01	015	260	21
23	8071-	71	6 15	0					2	05 84	433	-52 2	281	0					9	01 26	845	323	19
24	10830	76	3 02	0					1	06 50	390	-52 1	290	0					9	07 74	323	354	20
25	00900	02	1 16	0					2	06 34	400	-46 8	294	0					4	07 29	346	022	38
26	00900	02	8 08	0					1	07 56	335	-52 3	302	0					1	06 53	392	050	40
27	00901	76	1 02	0					1	07 73	324	-51 6	306	0					1	06 63	383	058	53
28	00900	38	3 09	0					1	06 66	382	-52 8	291	1	14 60	114	-52 8	410	9	05 87	431	096	25
29	80810	02	8 10	0					1	06 63	385	-53 8	288	1	22 07	036	-59 3	553	9	06 08	418	047	20
30	00901	76	8 06	0					1	06 39	400	-52 8	286	2	15 70	097	-53 1	428	9	00 46	945	346	18
31	60940	10	1 26	0					1	07 83	321	-55 8	301	1	11 90	173	-50 4	368	2	02 93	665	042	33
MEAN										07 02	366	-54 5	292		18 58	076	-55 6	488					

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19871	-53 3		019	09	23113	-59 2		035	06	25633	-60 9								
02	19954	-52 9		095	06	23220	-58 8		114	07	25747	-62 6								
03	19993	-53 8		146	09	23219	-60 8													
04	19987	-54 3		088	05	23221	-60 2		118	07	25729	-63 6		110	08					
05	19977	-55 1		091	05	23215	-59 1		113	08	25730	-63 5		118	06					
06	19957	-56 2		106	05	23165	-59 7		094	14										
07	20018	-56 5		140	06	23226	-60 4		140	13	25754	-63 6		159	10					
08	20025	-54 6		092	06	23259														
09	19972	-55 2		062	03	23186	-60 7				25689	-64 1								
10	19949	-56 2				23173	-59 9													
11	19923	-56 9		145	02	23132	-60 5		040	04										
12	19920	-56 1		030	06	23141	-59 9		033	13	25655	-63 0		010	13					
13	19970	-51 7		011	11															
14	19890	-51 8		311	06	23191	-55 0		282	13	25743	-61 0		325	12					
15	19726	-52 7		234	14	22985	-57 8		245	18	25523	-61 3		241	20					
16	19567	-57 0		207	17	22814	-57 0		215	24	25366	-59 6		237	23					
17	19490	-59 7		235	14	22700	-58 5		230	23										
18	19536	-57 8		258	19	22763	-56 6		245	23										
19																				
20																				
21	19709	-60 0		254	14	22900	-60 0		266	20	25431	-59 2		258	16					
22	19831	-58 5		295	15	23028	-60 1		305	14										
23																				
24	19912	-56 7		298	08	23137	-59 1		271	13	25655	-63 2		260	07					
25	19923	-54 9		335	08	23147	-60 3		312	05	25655	-63 3		302	06					
26	19906	-55 9		337	12	23117	-60 4		040	03	25632	-61 7		360	08					
27																				
28	19906	-56 2		020	03	23111	-60 0		331	02	25635	-61 8		177	02					
29	19947	-56 0		322	02	23166	-60 1		311	04	25683	-61 1		002	03					
30	19915	-56 4				23130	-59 8				25651	-62 0								
31	19946	-55 0				23169	-59 0				25706	-60 1								
MN	19879	-55 6		*278	02	23101	-59 3		*244	05	25644	-62 0		*					*	

SPECIAL AEROLOGICAL DATA 12 GMT.

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	oppp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	5 01	0					1	07 59	335	-55 6	297	0					9	07 07	364	356	39
02	00900	76	2 05	0					1	07 63	335	-52 6	302	2	22 60	033	-58 2	569	9	04 48	536	335	25
03	856--	76	1 02	0					2	07 10	363	-54 0	293	0					9	04 54	532	277	13
04	00900	02	6 03	0					2	06 41	400	-52 0	287	0					9	06 76	379	192	21
05	00900	76	8 01	0					2	06 38	400	-49 5	291	0					9	07 16	354	174	21
06	00900	76	1 01	0					1	07 52	339	-55 9	296	0					9	06 79	380	152	36
07	00901	76	1 06	0					2	07 28	354	-54 2	295	2	20 29	048	-57 8	512	9	23 58	028	142	13
08	80810	76	3 08	0					1	07 76	328	-54 3	301	0					1	22 80	032	112	11
09	00900	02	8 02	0					1	07 21	358	-54 2	293	0					9	06 29	413	305	16
10	9-0--	76	3 01	0					1	07 90	324	-57 0	298	1	14 13	124	-53 2	399	1	03 88	592	231	30
11	70710	71	1 10	0					1	07 61	335	-58 5	293	0					9	06 76	384	214	14
12	00902	10	7 09	0					1	06 97	370	-56 6	288	0					9	21 22	041	021	16
13	60870	10	8 01	0					2	06 41	400	-54 5	284	0					9	04 56	532	028	13
14	80710	76	6 05	0					2	06 40	400	-56 0	282	0					1	26 89	017	322	16
15	00900	76	1 13	0					2	06 61	386	-60 3	279	0					9	26 41	017	259	23
16	00900	76	3 01	0					1	07 76	323	-62 1	292	0					9	23 85	025	222	28
17	20840	76	8 16	0					2	07 12	356	-60 0	287	0					1	23 33	027	231	28
18	30870	38	3 02	0					1	07 73	324	-62 3	291	0					9	21 90	034	247	25
19	9-0--	71	1 02	0					1	07 64	330	-57 9	296	0					1	10 76	203	175	30
20	56500	76	2 04	0					2	06 41	400	-53 5	285	1	13 27	138	-57 2	380	8	07 49	338	154	27
21	50810	76	8 04	0					2	05 80	439	-51 6	280	0					9	20 80	042	242	27
22	60820	76	7 19	0					2	05 84	433	-52 3	281	0					9	05 57	450	089	16
23	8072-	71	8 17	0					2	06 04	422	-53 6	281	0					7	06 56	390	007	25
24	00901	76	6 02	0					2	06 33	400	-51 0	288	2	17 00	079	-53 8	453	9	04 80	504	359	26
25	00900	02	0 07	0					2	05 93	426	-47 5	288	0					9	06 40	397	034	31
26	00900	22	6 07	0					1	06 95	366	-51 3	296	0					9	07 01	362	045	34
27	00900	36	2 19	0					2	06 30	400	-50 0	290	0					7	06 59	384	067	26
28	8082-	37	6 06	0					2	06 03	422	-54 3	280	0					9	00 06	004	040	17
29	10811	76	8 07	0					2	05 44	461	-50 8	278	1	17 00	079	-54 7	451	9	00 39	956	360	15
30	86400	10	6 25	0					1	07 71	330	-56 8	297	0					7	00 44	943	347	21
31	866--	71	5 00	0					1	06 81	374	-52 8	292	1	11 36	188	-49 8	360	1	05 25	475	008	56
MEAN										06 86	375	-54 6	290		16 52	098	-55 0	446					

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	0997	-31	7	66	155	04	0039					0410	-31	0	65	192	05	0786	-30	3	67	197	05
02	1002	-33	5	72	115	06	0076	-33	4	71	115	06	0430	-33	3	59	154	09	0817	-32	6	57	165	07
03	1002	-32	2	65	165	03	0079	-32	3	65	165	03	0440	-34	1	65	176	08	0817	-36	0	65	187	08
04	0996	-33	8	62	160	06	0035						0400	-33	9	65	194	06	0772	-34	2	70	214	05
05	0995	-32	2	73	125	06	0028						0400	-33	9	64	177	08	0767	-34	0	66	197	09
06	0999	-36	7	70	255	07	0057						0405	-36	7	63	270	08	0784	-36	0	64	259	10
07	1020	-34	6	61	140	07	0203	-35	3	57	153	07	0565	-32	9	50	200	08	0943	-31	9	40	221	05
08	1020	-22	1	81	150	13	0210	-23	0	81	173	12	0590	-21	5	81	229	16	0989	-16	8	84	249	21
09	1029	-18	3	78	140	13	0278	-16	0	82	200	12	0659	-09	5	84	227	11	1087	-11	1	78	232	11
10	1028	-18	3	78	140	05	0273	-16	2	75	177	06	0675	-13	5	68	212	08	1074	-12	6	55	212	10
11	1020	-13	3	84	080	10	0215	-10	3	57	102	09	0610	-10	4	46	163	09	1026	-10	5	34	167	10
12	1020	-14	4	79	290	03	0210	-12	9	59	233	04	0610	-09	1	57	168	06	1026	-06	0	55	154	05
13	1017	-09	6	70	000	00	0195	-07	8	56	000	00	0600	-05	3	51	077	04	1022	-04	2	41	089	03
14	1012	-08	2	75	120	18	0159	-08	5	69	122	18	0560	-05	7	48	139	17	0987	-01	8	32	157	11
15	1016	-12	2	75	000	00	0186	-10	1	66	000	00	0600	-05	8	49	182	02	1010	-05	8	32	199	02
16	1019	-15	1	72	360	10	0206	-15	4	75	004	10	0620	-08	8	82	007	07	1025	-08	3	81	009	06
17	1017	-14	9	74	020	15	0189	-11	6	75	025	14	0590	-06	8	73	043	11	1010	-08	4	63	047	12
18	1018	-14	4	73	000	00	0201	-12	2	65	000	00	0600	-07	2	47	070	06	1019	-07	5	31	058	08
19	1026	-09	7	70	040	02	0260	-06	6	45	037	02	0670	-03	8	27	026	04	1093	-03	7	22	012	04
20	1023	-12	2	64	270	02	0241	-09	5	51	272	05	0650	-02	5	23	278	09	1069	-03	7	A14	280	09
21	1016	-19	3	78	120	01	0186	-14	1	76	170	02	0580	-12	7	67	266	06	0991	-09	0	59	275	09
22	1007	-13	8	76	190	01	0120	-14	1	76	200	01	0505	-14	0	81	258	03	0921	-11	9	88	277	04
23	1007	-17	3	75	020	09	0117	-17	4	75	026	07	0500	-17	7	77	042	04	0907	-15	7	89	032	05
24	1009	-16	2	76	030	10	0130	-16	0	78	036	10	0510	-17	1	84	078	05	0920	-18	1	84	040	03
25	1010	-17	9	74	000	00	0140	-17	9	71	123	01	0530	-14	9	63	132	04	0935	-14	1	55	142	02
26	1010	-14	5	75	000	00	0142	-14	8	72	000	00	0520	-15	5	58	070	04	0939	-14	0	48	059	04
27	1010	-17	2	70	220	04	0139	-17	9	69	224	04	0520	-17	5	69	312	05	0928	-16	8	75	310	09
28	1012	-21	7	67	330	07	0149	-22	0	68	333	07	0530	-23	2	70	007	07	0925	-18	8	70	023	05
29	1016	-20	1	70	010	12	0183	-20	5	70	018	12	0570	-18	2	69	029	12	0967	-18	2	68	032	10
30	1017	-17	9	74	360	09	0186	-16	7	67	011	12	0580	-17	0	55	037	16	0978	-19	0	48	037	18
MN	1013	-19	6	73	*		161	-16	6	68	*		548	-17	1	62	*		951	-16	4	58	*	

CONSTANT PRESSURE DATA — 00 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1191	-31	7	70	218	03	1620	-31	3	72	268	02	2080	-31	4	71	330	03	2566	-32	8	69	341	10
02	1219	-33	2	53	170	04	1647	-33	0	49	258	01	2100	-35	0	46	285	04	2578	-37	0	43	302	07
03	1213	-36	7	66	218	07	1634	-36	4	68	268	07	2080	-36	6	70	287	09	2557	-38	6	72	283	10
04	1173	-33	8	73	223	05	1599	-33	7	75	225	04	2050	-35	6	75	232	06	2527	-37	5	75	257	08
05	1169	-32	2	68	207	09	1597	-32	8	73	228	11	2060	-32	5	73	246	13	2537	-33	2	73	244	19
06	1181	-35	3	65	254	07	1605	-35	6	60	248	07	2045	-36	9	50	220	09	2528	-38	7	43	210	14
07	1347	-31	9	35	228	10	1775	-32	0	43	240	13	2230	-31	4	58	248	15	2719	-32	9	63	261	14
08	1420	-14	7	87	257	24	1878	-16	6	85	263	17	2350	-18	7	83	269	21	2874	-20	8	81	269	23
09	1528	-09	9	71	234	11	1995	-11	5	64	237	09	2495	-14	5	66	248	09	3014	-12	6	49	254	07
10	1511	-12	0	38	219	10	1975	-13	7	38	226	06	2475	-14	0	24	217	03	2988	-16	0	46	219	02
11	1468	-08	6	25	163	09	1939	-09	4	26	159	07	2440	-11	5	41	138	07	2962	-13	1	44	144	11
12	1475	-04	4	32	122	05	1952	-06	5	29	104	05	2450	-08	8	26	113	06	2985	-11	6	A16	122	05
13	1470	-04	5	A15	095	04	1946	-05	8	A15	140	04	2460	-08	2	A15	128	07	2981	-10	7	A16	147	08
14	1439	-04	2	29	152	07	1917	-04	5	A15	142	08	2430	-06	9	A15	159	09	2958	-09	5	A15	148	08
15	1457	-06	9	26	160	03	1931	-06	3	A15	121	02	2440	-08	4	A15	131	02	2966	-10	6	A16	104	04
16	1466	-07	3	73	014	07	1940	-08	4	65	018	05	2450	-11	7	59	022	03	2967	-12	6	53	022	07
17	1454	-07	8	45	038	15	1925	-09	8	29	032	14	2420	-12	2	A16	034	17	2945	-14	4	A16	033	21
18	1465	-07	0	23	051	09	1938	-08	2	24	043	09	2450	-10	6	24	039	09	2965	-13	5	25	039	11
19	1545	-05	1	23	010	04	2019	-07	7	A15	010	06	2510	-10	8	A16	050	08	3044	-14	0	A16	349	09
20	1519	-04	9	A15	293	09	1995	-07	2	A15	290	13	2480	-10	3	A15	288	13	3022	-13	9	A16	281	14
21	1435	-07	6	68	277	10	1905	-10	3	68	278	09	2400	-13	2	68	275	10	2921	-16	3	69	274	13
22	1358	-12	1	89	288	06	1822	-13	8	87	285	07	2305	-16	2	83	288	07	2827	-18	8	79	292	07
23	1338	-16	7	84	012	06	1793	-18	3	85	021	05	2280	-20	2	86	002	03	2781	-22	5	80	271	01
24	1349	-16	3	80	052	07	1805	-17	0	70	041	08	2290	-19	7	65	022	06	2796	-22	7	60	001	06
25	1368	-15	2	44	148	01	1825	-17	0	30			2300	-18	6	A17			2820	-20	3	A17		
26	1372	-14	9	38	016	04	1831	-16	0	31	349	04	2310	-18	2	46	342	05	2828	-20	4	61	343	05
27	1356	-16	0	75	318	10	1813	-16	8	45	316	12	2300	-18	7	27	314	12	2806	-21	6	27	309	14
28	1351	-18	7	66	020	06	1803	-19	3	53	023	09	2290	-20	1	41	019	12	2790	-23	0	32	022	11
29	1392	-19	9	67	044	11	1841	-21	8	66	041	10	2320	-23	2	63	033	16	2818	-24	7	60	030	16
30	1406	-17	6	37	029	16	1862	-17	5	25	028	13	2350	-20	0	A17	040	13	2852	-23	4	26	038	19
MN	1381	-16	2	53	299	01	1838	-17	3	48	*		2321	-19	1	46	*		2831	-21	3	45	308	04

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	0996	-36	7	70	120	03	0039					0390	-34	2	79	139	05	0778	-32	4	75	137	03
02	1003	-33	7	72	120	09	0086	-33	7	72	120	09	0440	-34	6	73	170	10	0823	-35	4	74	193	09
03	1000	-37	3	57	130	05	0061						0420	-35	9	65	220	04	0793	-34	4	74	253	07
04	0996	-35	3	71	150	06	0036						0400	-36	0	75	181	07	0769	-35	0	76	213	08
05	0992	-30	7	74	110	13	0004						0370	-32	5	75	134	14	0746	-31	5	75	152	10
06	1015	-38	3		180	04	0164	-38	4		188	05	0520	-39	0	64	248	07	0889	-37	2	64	252	08
07	1020	-30	5	74	140	13	0206	-31	2	74	166	14	0570	-28	4	69	206	19	0961	-24	3	67	220	21
08	1028	-21	3	81	180	10	0265	-22	6	78	195	08	0650	-18	8	82	223	09	1053	-11	9	91	242	12
09	1030	-20	0	82	140	09	0285	-14	3	76	163	09	0680	-13	6	67	241	10	1089	-11	2	52	249	11
10	1024	-18	8	78	150	06	0241	-12	6	73	166	07	0630	-12	0	62	188	09	1047	-12	0	47	187	11
11	1021	-18	0	74	200	04	0217	-12	0	61	174	06	0610	-07	9	50	136	07	1034	-08	2	50	135	05
12	1019	-18	6	76	095	03	0206	-11	2	67	100	03	0610	-06	2	52	109	04	1029	-04	6	33	133	04
13	1015	-19	4	74	140	03	0179	-09	2	74	137	03	0590	-03	1	46	136	05	1009	-03	4	28	136	06
14	1014	-13	1	76	110	08	0170	-11	6	75	119	07	0575	-06	5	52	150	05	0995	-03	4	33	161	02
15	1018	-18	3	70	000	00	0200	-13	0	70	000	00	0600	-06	7	56	039	04	1019	-08	0	80	015	06
16	1019	-18	4	70	310	05	0205	-15	6	73	353	06	0600	-09	1	77	029	08	1014	-09	3	68	022	11
17	1016	-16	0	76	055	06	0189	-10	6	69	053	06	0590	-06	4	53	034	04	1011	-07	7	41	046	08
18	1022	-17	9	71	000	00	0228	-11	7	64	000	00	0620	-05	8	32	067	06	1050	-04	2	A14	047	07
19	1026	-13	3	73	320	02	0264	-07	1	41	316	03	0660	-04	5	A15	310	05	1092	-04	9	A15	299	08
20	1019	-19	3	74	140	02	0205	-15	8	75	212	05	0600	-07	3	62	304	09	1021	-07	2	50	308	10
21	1011	-15	1	72	140	05	0147	-15	8	76	-		0520	-12	5	83	-		0950	-10	6	70	-	
22	1007	-16	7	76	010	03	0120	-16	3	72	012	03	0520	-16	5	73	016	04	0914	-14	9	80	014	03
23	1006	-19	3	74	030	09	0110	-19	0	76	035	09	0490	-17	8	80	058	08	0898	-19	2	83	057	08
24	1010	-21	1	75	000	00	0135	-17	8	71	000	00	0520	-17	3	70	031	02	0927	-14	5	67	067	03
25	1010	-18	2	76	100	05	0140	-16	3	75	105	05	0530	-15	3	70	111	05	0936	-14	0	55	067	02
26	1010	-17	9	76	120	06	0142	-16	4	70	091	06	0520	-16	6	58	014	04	0935	-16	4	62	017	06
27	1011	-23	9	71	360	01	0146	-23	4	70	359	02	0520	-24	3	74	348	06	0919	-20	1	68	345	06
28	1012	-25	1	74	050	05	0149	-24	2	73	051	07	0520	-20	5	67	052	12	0927	-21	0	69	050	12
29	1017	-23	2	72	010	13	0187	-20	3	82	-		0570	-17	2	79	-		0974	-18	9	80	-	
30	1012	-18	9	67	020	14	0150	-17	8	57	024	15	0530	-14	0	44	038	17	0946	-16	9	40	043	18
MN	1013	-22	5	73	*		163	-17	6	71	*		546	-17	4	69	*		952	-16	4	59	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1180	-33	1	73	137	04	1607	-33	7	71	081	04	2060	-34	4	69	035	04	2539	-36	3	58	325	05
02	1221	-35	4	74	198	08	1644	-34	7	74	203	05	2100	-34	1	74	204	07	2577	-35	3	74	206	08
03	1195	-32	2	73	270	09	1623	-33	0	66	271	11	2080	-35	6	66	271	11	2551	-38	5	67	261	12
04	1169	-33	0	76	211	05	1595	-34	6	75	209	03	2040	-36	2	74	232	04	2522	-38	0	73	264	06
05	1151	-31	6	75	190	07	1579	-33	4	75	185	13	2030	-32	8	73	188	15	2517	-34	6	72	192	15
06	1286	-35	4	65	253	08	1708	-37	0	61	260	08	2160	-38	6	56	260	09	2625	-40	5		255	11
07	1378	-22	5	67	236	20	1823	-23	4	70			2290	-24	4	73			2795	-25	3	74		
08	1490	-13	3	88	263	09	1950	-15	3	87	268	08	2440	-15	6	81	271	08	2957	-17	0	75	282	09
09	1526	-12	5	36	249	13	1989	-13	0	A16	242	12	2490	-12	5	A16	261	06	3005	-15	2	58	276	02
10	1485	-11	1	28	187	10	1950	-13	0	26	177	07	2440	-13	5	28	178	08	2964	-14	7	51	176	07
11	1478	-07	0	45	136	06	1953	-06	8	44	136	05	2450	-09	2	43	133	06	2986	-12	3	35	128	07
12	1478	-05	9	43	148	03	1952	-08	4	51	148	03	2460	-08	6	A15	137	04	2985	-11	2	A16	129	05
13	1461	-04	1	25	134	06	1938	-05	8	24	131	07	2450	-07	8	A15	136	08	2976	-09	6	A15	148	08
14	1447	-04	0	27	148	01	1925	-05	5	24	167	03	2430	-07	2	A15	187	04	2965	-09	8	A15	183	04
15	1461	-10	4	81	004	04	1930	-08	8	23	359	02	2430	-10	9	A16	071	03	2956	-12	0	A16	082	05
16	1456	-09	0	52	016	09	1925	-10	1	40	015	12	2420	-11	2	27	016	15	2947	-14	1	A16	018	17
17	1456	-07	4	27	039	13	1928	-09	1	36	032	13	2420	-11	4	41	028	14	2952	-13	8	30	031	15
18	1498	-05	6	A15	038	07	1973	-07	3	A15	039	07	2480	-10	1	A15	017	08	3001	-14	0	A16	010	08
19	1540	-05	8	A15	303	10	2015	-08	0	A15	319	10	2530	-10	3	A15	326	12	3044	-12	8	A16	323	11
20	1466	-07	8	38	307	10	1939	-08	4	26	304	10	2450	-11	6	42	295	12	2962	-15	0	65	292	13
21	1390	-10	9	43	-		1856	-12	8	38	-		2320	-15	4	63	-		2866	-18	3	78	247	12
22	1347	-14	6	85	360	02	1805	-16	3	85	346	03	2300	-18	3	89	303	03	2803	-20	8	84	277	05
23	1324	-18	8	84	053	09	1777	-18	5	83	054	10	2260	-21	0	80	054	08	2761	-25	0	81	054	05
24	1359	-15	7	50	064	03	1817	-16	9	33	036	03	2300	-18	3	A17	002	04	2814	-20	0	A17	355	06
25	1368	-15	1	40	055	02	1826	-16	4	26	047	03	2310	-19	4	38			2819	-21	2	58		
26	1364	-17	2	69	004	07	1820	-17	7	49	342	06	2310	-19	1	26	348	07	2812	-21	8	34	347	09
27	1342	-20	4	57	352	06	1791	-21	2	50	355	07	2270	-23	0	60	351	09	2769	-25	5	61	355	10
28	1349	-21	0	70	045	11	1799	-20	4	67	047	10	2280	-22	7	58	047	08	2778	-25	1	48	049	13
29	1401	-18	6	77	-		1852	-20	6	75	-		2330	-22	8	73	046	15	2831	-25	0	71	040	15
30	1374	-18	6	38	050	21	1825	-20	6	35	048	15	2300	-22	0	31	041	22	2807	-23	3	27	047	24
MN	1381	-16	6	55	321	01	1837	-17	7	49	*		2321	-19	3	46	*		2830	-21	5	48	360	02

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USW8 type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3643	-36	3	66	342	19	4893	-42	6		341	29	6371	-50	9		342	33	8259	-47	1		345	11
02	3636	-40	5		316	15	4866	-45	1		311	18	6341	-48	5		305	19	8243	-44	1		322	10
03	3610	-40	8		266	10	4844	-43	6		270	16	6336	-45	1		262	13	8267	-42	0		273	05
04	3580	-41	6		271	09	4808	-44	5		280	12	6308	-42	9		295	11	8259	-41	6		290	08
05	3614	-36	2	71	249	27	4869	-40	5		247	29	6367	-47	4				8283	-43	1			
06	3578	-40	3		211	17	4818	-42	3		203	22	6314	-46	6		267	24	8257	-40	9		217	09
07	3795	-34	8	71	251	17	5048	-42	4		260	19	6531	-49	3		276	18	8423	-46	8		260	20
08	4004	-24	6	78			5310	-33	0	73			6846	-43	8				8733	-54	0			
09	4179	-17	9	42	266	07	5517	-27	6	38	287	06	7079	-40	7		302	06	8986	-53	5		323	12
10	4142	-19	7	34	185	03	5471	-29	2	47	099	04	7025	-41	3		095	07	8925	-53	8		056	10
11	4123	-19	6	30	137	12	5451	-29	4	A19	022	04	7001	-42	3		130	15	8899	-52	1		124	25
12	4149	-19	2	A17	127	07	5483	-27	3	A19	096	13	7053	-39	3	A22	076	17	8967	-51	3		054	21
13	4150	-17	6	A17	149	11	5489	-27	3	A19	156	15	7057	-38	4	A22	150	27	8973	-51	9		149	27
14	4135	-16	2	A17	178	05	5481	-25	7	32	158	13	7062	-36	7	35	153	18	8990	-51	3		159	17
15	4138	-17	8	29	127	04	5473	-26	9	A19	111	08	7049	-37	1	A22	118	14	8977	-51	6		118	19
16	4135	-19	1	47	032	09	5466	-28	6	40	040	11	7027	-40	0	32	062	09	8935	-53	9		088	01
17	4102	-19	9	A17	011	10	5427	-30	4	A20	019	36	6970	-43	4				8858	-55	0			
18	4118	-22	3	28	025	10	5428	-33	0	33	007	10	6955	-44	8		002	18	8829	-55	8		360	20
19	4200	-19	8	A17	350	11	5524	-30	3	A20	355	11	7075	-40	4		340	16	8975	-54	7		346	16
20	4172	-23	0	A18	294	11	5480	-32	6	A20	301	14	7024	-41	0		288	12	8923	-54	1		265	09
21	4065	-23	4	66	276	10	5375	-32	4	54	278	14	6913	-42	9		282	22	8800	-55	2		288	26
22	3961	-25	7	70	283	11	5254	-36	2	58	280	14	6766	-47	1		274	14	8636	-51	9		273	21
23	3901	-28	2	A19	303	04	5182	-38	3	38	291	09	6680	-49	0		275	15	8557	-49	2		289	13
24	3912	-29	0	50	012	12	5200	-35	8	42	006	17	6722	-44	1		-		8608	-53	0		-	
25	3947	-26	7	62			5243	-34	4	65			6771	-44	9				8645	-56	1			
26	3956	-27	2	47	328	07	5245	-35	7	37	348	09	6763	-46	5		349	09	8630	-56	6		333	07
27	3924	-29	0	48	302	20	5202	-38	8	60	312	15	6700	-49	8		308	17	8573	-48	9		314	20
28	3902	-30	2	31	032	17	5174	-39	4	38	031	17	6669	-49	1		022	17	8551	-49	0		018	16
29	3926	-30	8	53	025	16	5196	-39	7	47	023	19	6688	-50	0		027	20	8568	-47	7		014	16
30	3964	-30	3	52	030	21	5241	-38	2	43	032	26	6746	-47	7				8630	-49	3			
MN	3955	-26	9	42	*		5249	-35	0	38	*329	06	6774	-44	9	27	*314	05	8672	-50	5		*333	04

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10952	-46	6		315	05	12851	-48	2		325	03	15505	-51	7		356	04	17809	-53	5		000	00
02	10960	-45	7				12866																	
03	10992	-45	2		273	07	12898	-48	8		000	00	15542	-51	7		359	04	17836	-55	4		070	03
04	10987	-44	8		328	04	12900	-48	8		336	08	15553	-49	4		358	05	17859	-55	5		018	03
05	11021	-43	4				12946	-46	7				15622	-49	7				17938	-52	5			
06	11007	-43	5		222	02	12920	-46	8		236	05	15584	-50	5		000	00	17897	-53	4		211	03
07	11126	-45	8		247	12	13034	-48	0		257	05	15683	-51	7		118	04	17983	-53	4		158	03
08	11352	-51	4				13220	-51	4				15834	-54	3				18115	-56	5			
09	11536	-56	1		313	09	13381	-52	2		302	08												
10	11478	-56	0		032	01	13330	-52	7		020	01	15948	-53	8		047	04	18229	-56	0		069	09
11	11502	-51	1		339	03	13371	-51	9		034	06	16006	-51	8		008	05	18297	-55	6			
12	11564	-54	2		047	15	13427	-53	2		065	12	16046	-53	7		092	05	18342	-54	3		102	09
13	11547	-53	0				13405	-52	6				16023	-52	8				18319	-53	8			
14	11555	-56	5		157	17	13402	-52	1		000	00	16021	-53	4		113	07	18312	-54	5		126	12
15	11550	-55	0		124	08	13408	-55	0		145	07	16011	-54	9		131	09	18290	-54	8		097	12
16	11526	-49	9		102	07	13398	-52	4		133	05	15993	-55	9		103	08	18268	-57	5		112	08
17	11465	-48	8				13346	-51	6				15950	-54	4				18236	-55	5			
18	11431	-52	7		327	11	13303	-51	3		262	04	15906	-54	9		201	03	18185	-55	3		148	07
19	11527	-56	8		308	14	13370	-53	9		326	11	15979	-53	4		297	05	18268	-55	2		098	02
20	11483	-53	4		300	12	13343	-52	6		316	11	15953	-53	7		328	07	18246	-54	7		000	00
21	11381	-52	1		289	35	13256	-50	5				15884	-54	6				18162	-55	0			
22	11299	-47	7		272	14	13191	-50	0		281	12	15836	-51	2		280	12	18144	-53	4		275	02
23	11239	-46	9		304	12	13141	-48	4		315	10	15793	-51	9		318	08	18107	-52	2		305	04
24	11253	-48	9		336	17	13137	-50	3		348	19	15782	-51	2		317	07	18093	-53	0		342	03
25	11268	-48	6				13158	-49	2				15807	-51	0				18121	-52	9			
26	11275	-47	7		332	12	13176	-48	0		318	14	15839	-49	8		338	12	18165	-51	7		328	09
27	11266	-46	1		318	16	13175	-47	2		320	12	15840	-50	1		334	08	18166	-51	2		327	08
28	11242	-45	8		358	13	13153	-46	8		357	14	15821	-48	7		005	08	18156	-51	2		328	04
29	11267	-45	8		010	11	13172	-46	2		018	10	15846	-49	0				18190	-49	8			
30	11315	-46	5				13219	-48	9				15882	-48	0									
MN	11312	-49	5		*315	06	13197	-50	2		*337	05	15839	-52	0		*359	03	18138	-54	0		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3600	-39	2		344	15	4836	-44	1		332	16	6314	-49	1		331	15	8221	-45	7		333	10
02	3639	-41	1		248	13	4866	-45	5		268	17	6341	-48	5		285	15	8256	-44	1		288	07
03	3599	-42	8		262	10	4820	-45	2		255	13	6310	-44	1		281	11	8254	-41	1		288	05
04	3578	-39	5	56	296	14	4824	-41	0		301	26	6328	-44	4		296	25	8256	-42	9		272	08
05	3585	-38	6	69	192	26	4824	-43	8		204	28	6310	-46	2				8238	-42	8			
06	3665	-43	6		254	15	4890	-43	9		253	17	6387	-44	3		247	15	8327	-41	7		245	11
07	3905	-30	8	71			5173	-39	9				6667	-48	7				8549	-48	9			
08	4102	-21	2	60	304	11	5425	-29	9	45	335	13	6976	-41	6		337	16	8868	-54	9		329	20
09	4161	-18	6	33	181	02	5496	-28	1	A19	236	01	7056	-40	6		050	01	8961	-53	1		008	08
10	4121	-20	0	37	168	09	5449	-29	5	38	146	10	7001	-41	3		115	14	8903	-53	7		106	14
11	4149	-19	2	25	111	11	5483	-27	7	A19	087	10	7046	-40	2		074	13	8956	-51	0		054	13
12	4156	-17	0	A17	127	08	5501	-26	2	A19	121	10	7073	-39	0	A22	106	12	9003	-50	9		088	28
13	4151	-16	8	A17	154	12	5495	-26	2	A19	156	16	7071	-37	7	32	154	22	8994	-52	2		156	32
14	4140	-16	5	27	166	05	5485	-25	8	38	172	04	7069	-36	4	A21	142	09	8999	-51	7		156	15
15	4118	-20	2	31	078	06	5442	-29	0	A19	104	07	7004	-39	0	A22	122	05	8917	-53	1		151	11
16	4105	-20	4	A17	019	17	5427	-30	9	A20	016	19	6970	-42	5		007	17	8860	-55	2		343	09
17	4109	-20	8	26	024	17	5428	-31	6	A20	020	17	6968	-43	6		015	20	8854	-55	6		004	22
18	4151	-22	8	A18	356	09	5463	-32	6	34	359	13	7004	-42	3		006	13	8899	-54	3		008	21
19	4203	-20	8	A18	323	10	5524	-30	8	A20	312	14	7074	-41	5		319	14	8981	-54	0		333	16
20	4113	-22	0	74	294	13	5430	-31	6	69	292	19	6970	-43	4		291	16	8849	-56	9		283	21
21	4002	-25	5	78	251	13	5303	-33	8	78	247	18	6836	-44	7		252	21	8705	-55	7		244	27
22	3927	-27	8	80	278	05	5215	-36	8	74	274	07	6724	-47	5		282	07	8591	-52	0		273	12
23	3868	-30	3	62	054	07	5140	-39	9		020	02	6629	-48	3		011	04	8538	-46	1		352	13
24	3943	-26	2	44	345	10	5239	-34	9	51	332	16	6773	-42	4		326	20	8656	-55	8		324	29
25	3946	-27	1	70			5234	-36	3	76			6748	-46	3				8614	-55	1			
26	3929	-28	8	40	335	10	5210	-37	7		328	12	6719	-46	7		317	15	8584	-54	7		311	11
27	3874	-32	2	48	359	11	5196	-40	6		-		6637	-46	1		-		8542	-47	5		354	11
28	3886	-31	0	31	044	16	5156	-39	2	A22	047	18	6656	-48	1		041	23	8556	-47	9		023	10
29	3936	-32	0	64	028	24	5200	-40	4				6696	-48	1				8586	-47	4			
30	3922	-29	7	A20			5202	-37	5	A22			6713	-44	3				8617	-50	9			
MN	3953	-27	4	44	*		5244	-35	3	37	*302	04	6769	-43	9	24	*326	05	8671	-50	6		*333	04

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	10923	-47	8		022	05	12822	-47	6		052	03	15471	-51	8		353	02	17771	-54	5		340	02
02	10970	-45	3		268	03	12872	-48	6		316	05	15511	-52	7		079	03	17794	-56	0		023	02
03	10990	-44	3		306	04	12904	-48	0		077	06	15560	-52	8		032	03	17859	-54	7		042	04
04	10985	-45	6		278	06	12893	-48	2		327	04	15545	-51	4		332	04	17848	-54	5		015	03
05	10961	-45	8				12878	-47	2				15532	-51	1				17841	-53	9			
06	11060	-45	2		222	10	12972	-48	0		239	03	15628	-50	8		189	06	17928	-54	6		143	03
07	11226	-48	4				13119	-49	3				15753											
08	11422	-54	3		303	10	13268	-54	0		318	07	15859	-55	8		350	09	18122	-57	1		006	06
09	11519	-56	7		003	04	13369	-52	5		317	03	15988											
10	11472	-55	1		031	03	13330	-52	8		092	01	15951	-52	2		032	09	18237	-55	4		075	10
11	11560	-50	8		056	11	13430	-51	5		017	13	16057	-52	5		071	08	18359	-53	3		095	10
12	11580	-55	0		091	16	13443	-52	7		108	10	16066	-51	7		102	04	18377	-53	4		127	02
13	11557	-53	9		154	16	13411	-52	5		153	11	16029	-52	7				18323	-54	0			
14	11566	-56	4		159	11	13410	-49	7		157	09	16024	-52	8				18314	-55	1			
15	11505	-51	4		115	07	13363	-53	8		132	06	15956	-53	7		110	09	18229	-57	8		063	16
16	11470	-50	6		048	04	13346	-52	9				15936	-55	0				18214	-56	2			
17	11459	-50	3		340	03	13346	-51	8		284	05	15952	-53	0		054	06	18241	-55	3		118	05
18	11469	-53	0		324	11	13327	-52	7		333	09	15931	-54	3		140	02	18214	-55	4		150	05
19	11525	-57	6		323	13	13371	-53	6		326	10	15976	-54	0		008	04	18259	-55	2		083	01
20	11439	-50	9		297	15	13318	-49	8		294	10	15940	-55	8		306	04	18227	-55	0		342	01
21	11318	-50	9				13196	-50	6				15826	-53	2				18110	-54	6			
22	11256	-47	8		290	11	13150	-48	8		287	09	15797	-51	7		302	07	18117	-51	5		296	05
23	11233	-46	8		335	12	13129	-48	6		331	06	15777	-51	1		335	06	18093	-52	1		348	02
24	11265	-50	3		331	16	13148	-49	9				15791	-51	4				18103	-52	6			
25	11261	-47	8				13159	-48	4				15816	-50	4				18135	-52	2			
26	11235	-46	8		324	10	13135	-47	8		331	10	15797	-50	4		331	09	18117	-52	0		331	07
27	11241	-46	2		337	10	13153	-46	4		338	09	15826	-49	4		350	07	18156	-51	6		331	04
28	11254	-46	8		002	11	13163	-45	8		012	18	15842	-49	4		280	04	18174	-50	2		342	07
29	11279	-45	7				13182	-46	6				15861	-48	4				18202	-49	9			
30	11291	-46	3				13191	-49	0				15855	-49	0				18187	-50	5			
MN	11310	-49	8		*337	04	13193	-50	0		*347	03	15828	-52	1		*		18127	-53	9		*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	19960	-56	8	357	05	23183	-58	5	316	04	25725	-60	0	343	09					
02																				
03	19974	-56	3	355	03	23187	-59	8	000	00	25711	-61	8	360	06					
04	20008	-56	6	034	03	23230	-59	0	036	04										
05	20105	-54	0			23365	-57	0			25917	-59	5							
06	20057	-55	2	002	07	23287	-57	5	010	04	25840	-58	9	098	07					
07	20125	-56	9	074	05	23348	-58	5	047	06	25889	-60	1	056	07					
08	20241	-57	7			23449	-60	6			25987	-60	7							
09																				
10	20360	-57	9	076	11	23577	-59	7	065	14	26112	-59	0	061	14					
11	20437	-55	2			23667	-58	7			26190	-61	5							
12	20490	-55	1	102	11	23714	-60	6	084	17	26224	-61	8	080	22					
13	20475	-54	9			23691	-61	7			26205	-60	1			30554	-54	8		
14	20463	-55	5	083	18	23668	-61	6	073	22	26208	-57	0	097	15					
15	20430	-57	2	092	13	23651	-58	7	098	14	26220	-54	2	104	12					
16	20392	-57	6	115	10	23633	-55	3	089	07	26203	-56	3	109	11					
17	20374	-55	0			23623	-55	7			26213	-54	4							
18	20331	-55	6	084	04	23584	-55	8	118	06	26167	-55	2	093	08					
19	20408	-56	3	110	05	23656	-56	2	113	05	26242	-53	3							
20	20388	-55	7	063	02	23652	-54	9	157	03										
21	20316	-54	6			23591	-54	3			26190	-54	3							
22	20315	-53	0	218	04	23603														
23	20280	-52	9	274	02	23576	-52	9	000	00										
24	20262	-52	6	341	02	23558	-52	7	133	06	26185	-51	3	069	04					
25	20291	-53	0			23591	-52	1			26223	-51	2							
26	20340	-52	8	000	00	23654	-51	0	000	00										
27	20346	-51	4	338	09	23662	-51	6	118	03	26315	-48	3	260	02					
28	20334	-52	7	312	05	23646	-50	0	173	05	26289	-48	4	262	06					
29	20378	-49	8			23716	-50	2			26370	-48	4							
30																				
MN	20292	-54	9	*		23547	-56	3	*		26119	-56	2	*		30554	-54	8	*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA			FREEZING LEVELS Lowest				FREEZING LEVELS Highest				TROPOPAUSE (1)						TROPOPAUSE (2)						MAX. WIND LEVEL					
	$P_0C_1h_1C_2h_2$	ww	cppp	Code	Alt. gpkm.	Pres mb.		Alt. gpkm.	Pres mb.			Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.	
01	00908	76	080	0								2	06	37	400	-50	9	289	0						9	06	50	392	341	35
02	00900	76	211	0								1	05	68	443	-48	8	283	0						5	06	74	376	306	22
03	10870	76	000	0								1	05	78	435	-46	1	288	0						9	04	62	516	261	17
04	00901	02	709	0								2	04	25	544	-44	1	272	1	10	14	226	-44	8	348	9	05	74	436	290	13
05	00901	76	608	0								2	06	37	400	-47	4	293	2	12	96	159	-46	5	384	5	04	94	496	248	30
06	00900	76	245	0								1	03	22	692	-41	6	264	1	12	02	171	-47	1	375	9	07	03	361	162	33
07	20940	76	103	0								2	06	53	400	-49	3	291	1	17	29	078	-55	0	452	9	08	10	315	257	25
08	9-0--	38	210	0								1	09	02	286	-55	6	312	0							2	01	91	862	256	27
09	10841	76	501	0								1	10	71	228	-61	4	323	0							7	00	06	029	140	13
10	00900	02	810	0								1	10	20	245	-61	2	317	0							1	27	01	017	060	16
11	00900	76	000	0								1	10	24	243	-57	5	325	6	25	33	023	-62	7	619	8	08	81	304	126	27
12	00900	02	000	0								1	10	50	236	-57	0	326	2	21	91	040	-57	8	540	1	29	20	012	075	32
13	00900	02	606	0								1	10	62	232	-59	3	324	0							5	11	15	213	145	45
14	00901	37	708	0								1	10	80	225	-60	7	325	1	23	46	031	-62	0	569	9	10	49	237	167	32
15	00900	02	105	0								1	10	83	223	-60	3	326	1	13	54	147	-55	5	377	9	09	06	295	118	19
16	00901	76	103	0								1	09	95	255	-58	1	317	0							9	04	87	542	029	14
17	00900	76	608	0								2	09	21	284	-57	0	310	0							1	06	05	458	022	38
18	00900	02	211	0								1	09	04	290	-56	7	308	2	14	39	128	-54	5	593	9	09	18	284	359	21
19	00901	02	308	0								1	10	50	236	-60	8	321	0							9	08	18	339	336	18
20	10970	02	710	0								1	10	33	240	-61	8	316	0							9	06	05	461	291	18
21	66500	71	709	0								1	09	60	264	-58	9	313	0							1	12	06	180	284	38
22	17940	76	000	0								1	07	99	332	-59	8	301	0							9	08	84	291	271	29
23	27441	76	601	0								1	07	20	370	-51	8	294	0							9	07	86	333	283	17
24	15500	96	000	0								1	08	31	314	-53	3	307	0							9	12	49	166	349	22
25	00907	02	000	0								1	08	89	289	-56	7	308	0							2	00	64	936	134	04
26	00900	02	801	0								1	08	61	301	-56	8	305	0							9	13	22	148	316	14
27	10871	03	802	0								1	07	70	343	-52	6	300	0							9	08	28	313	317	23
28	00900	01	802	0								2	06	67	400	-49	1	291	0							9	06	94	384	021	21
29	00900	36	105	0								1	07	61	347	-52	1	299	1	19	08	061	-55	2	488	7	05	83	455	027	21
30	00901	01	801	0								1	07	62	350	-51	9	300	6	14	92	116	-51	3	412	3	04	77	534	032	39
	MEAN												08	35	326	-54	4	305		16	78	107	-55	7	451						

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	19914	-57	0	354	04	23121	-60	2	353	04	25641	-61	4	338	05					
02	19923	-58	4	348	02	23116	-60	5	053	08	25638	-61	1	003	08					
03	20004	-58	0	343	03	23220	-60	7	039	06	25737	-61	3	036	05					
04	19993	-56	4	036	06	23215	-59	4	050	05	25738	-61	6	038	07					
05	19986	-56	9			23216	-58	8			25751	-60	6							
06	20083	-55	5	066	03	23316	-57	5	069	05	25861	-60	4	070	05					
07																				
08	20250	-57	8	044	05	23452	-60	1	037	09	25975	-60	9	052	12	30298	-59	3	057	10
09																				
10	20377	-57	1	082	13	23591	-59	3	071	15										
11	20518																			
12	20532	-54	4	099	11	23770	-59	0	089	21	26288	-62	9	070	17					
13	20481	-55	2			23696	-60	5												
14	20451	-56	3			23652	-61	3	-		26207	-55	6							
15	20357	-57	5	100	13	23557														
16	20342	-58	4			23584	-56	4			26152	-57	3							
17	20386	-55	4	149	09	23646	-54	2	081	09	26238	-56	4	113	11					
18	20351	-56	2	110	05	23601	-54	8	138	07	26193	-55	8	172	10					
19	20399	-57	1	107	02	23661	-54	8	084	04	26258	-54	2	094	08					
20	20377	-54	8	002	02	23648	-54	4	112	03	26246	-54	3							
21	20267	-53	4			23541	-54	7			26137	-53	8							
22	20295	-53	1	270	02	23585	-53	1	000	00										
23	20269	-53	1	340	02	23561	-52	3	088	04	26183	-52	5	090	04					
24	20273	-52	5			23566	-52	8			26191	-51	0							
25	20308	-53	0			23609	-51	8			26248	-50	4							
26	20292	-53	0	331	06	23590	-51	4	058	01	26228	-50	9	062	02					
27	20334	-52	2	323	04	23646	-52	3	348	03	26290	-49	4	000	00					
28	20366	-50	5	318	05	23682	-51	4	092	06	26335	-48	2							
29	20394	-49	6			23724	-51	5			26376	-48	3							
30	20384	-50	3			23724	-49	6			26385	-48	8							
MN	20282	-54	9	*		23529	-55	9	*		26100	-55	5	*		30298	-59	3	*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction Indicates a Stratum of Missing Wind Data*

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA			FREEZING LEVELS Lowest				FREEZING LEVELS Highest				TROPOPAUSE (1)						TROPOPAUSE (2)						MAX. WIND LEVEL					
	$P_0C_1h_1C_2h_2$	ww	cppp	Code	Alt. gpkm.	Pres mb.		Alt. gpkm.	Pres mb.			Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.	
01	00900	76	107	0								1	06	01	419	-49	2	287	2	10	00	230	-46	3	345	9	05	66	443	337	19
02	66600	71	801	0								2	05	42	460	-47	6	282	1	12	11	168	-48	8	373	9	05	76	437	266	29
03	00901	76	609	0								2	04	18	550	-45	0	271	2	15	52	101	-52	8	424	9	03	00	658	294	13
04	00901	76	105	0								1	03	09	645	-40	0	264	0							9	05	21	472	299	27
05	865--	71	714	0								1	05	96	462	-46	9	283	0							5	04	20	548	189	36
06	26510	76	231	0								2	03	17	647	-43	6	260	0							9	05	06	487	255	17
07	70710	76	804	0								2	06	67	400	-48	7	292	0							2	01	14	877	229	21
08	8072-	71	315	0								2	09	61	266	-60	3	311	0							9	07	34	978	326	24
09	50870	76	304	0								1	10	21	247	-60	3	317	0							7	09	85	261	017	14
10	00900	02	816	0								1	10	29	242	-60	4	319	0							1	25	25	023	071	21
11	00900	02	805	0								1	10	40	240	-58	7	323	0							8	11	04	217	014	20
12	00900	02	601	0								1	10	77	227	-59	4	327	0							9	09	14	293	088	29
13	00901	02	804	0								1	10	34	242	-60	5	319	0							7	09	29	286	156	32
14	00900	10	103	0								1	10	16	250	-59	5	318	2	14	66	124	-54	4	397	7	08	34	332	163	18
15	60870	03	107	0								1	09	92	256	-59	4	315	0							9	19	09	062	138	24
16	17200	76	500	0								1	08	94	296	-55	9	308	0							6	04	98	532	014	22
17	00900	02	000	0								1	09	48	272	-56	9	314	1	14	18	132	-55	0	389	9	08	50	316	001	24
18	00900	02	210	0								2	09	68	265	-59	4	312	0							9	08	96	297	008	22
19	00901	03	803	0								2	10	58	241	-62	1	317	0							9	09	91	258	329	18
20	20877	01	709	0								1	09	02	292	-57	7	307	1	13	92	137	-52	2	390	9	08	73	305	285	21
21	45507	02	711	0								1	08	44	311	-56	0	304	0							1	08	94	288	244	27
22	26410	71	400	0								2	07	71	343	-53	5	298	0							1	09	08	279	280	13
23	57402	71	302	0								1	06	29	421	-48	8	287	0							9	09	51	259	342	15
24	00908	02	303	0								2	08	53	306	-55	6	306	0							6	09	61	258	326	31
25	20816	01	101	0								1	08	50	306	-55	6	306	0							2	00	06	010	100	05
26	00900	10	303	0								1	08	22	318	-55	3	303	0							9	07	51	358	321	19
27	10730	76	104	0								2	06	84	388	-46	8	297	0							9	07	80	339	353	11
28	10840	76	210	0								1	06	94	383	-48	8	295	0							9	06	14	432	045	29
29	00900	76	900	0								1	07	18	371	-49	5	297	1	12	20	174	-49	5	369	1	05	11	507	025	28
30	00900	97	707	0								1	08	81	291	-52	0	319	0							2	02	61	720	045	26
	MEAN												08	02	345	-53	8	302		13	23	152	-51	5	384						

RESOLUTE, N.W.T.

MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1011	-14	75	270	04	0147	-15	72	310	05	0530	-11	46	053	09	0950	-12	33	067	07
02	1010	-12	76	340	09	0143	-12	55	331	11	0540	-08	A14	353	18	0955	-09	37	352	18
03	1009	-11	72	025	06	0134	-12	69	022	07	0520	-10	55	016	11	0941	-13	55	013	14
04	1007	-13	72	315	03	0113	-14	69	319	04	0500	-13	75	330	04	0915	-13	79	337	02
05	1007	-12	78	055	09	0119	-12	78	062	09	0510	-14	79	089	10	0916	-16	78	072	08
06	1012	-12	75	010	09	0154	-12	83	010	10	0530	-12	80	008	10	0956	-15	78	006	10
07	1010	-11	71	320	02	0142	-11	63	330	02	0530	-10	35	024	02	0951	-12	41	068	03
08	1010	-12	69	290	02	0137	-11	63	290	02	0530	-09	35	290	01	0950	-10	34	292	01
09	1008	-10	69	290	01	0128	-09	59	287	01	0520	-08	28	276	02	0944	-09	37	241	01
10	1003	-09	79	130	07	0083	-09	79	132	07	0470	-10	66	180	08	0896	-07	43	210	07
11	0997	-09	81	000	00	0041					0430	-11	76	-		0869	-08	99	83	-
12	0999	-09	76	330	07	0056					0450	-12	88	334	06	0864	-09	88	338	04
13	1000	-13	76	300	03	0064	-13	76	300	03	0460	-16	74	322	07	0857	-16	78	330	06
14	1005	-12	75	330	07	0101	-12	74	331	07	0500	-11	70	358	06	0907	-12	64	025	02
15	1007	-14	72	320	07	0119	-15		321	07	0505	-19		331	09	0915	-11		327	08
16	1007	-13	76	300	04	0114	-14	76	302	04	0500	-18	78	330	06	0907	-11	77	249	02
17	1010	-13	76	360	05	0139	-14	75	357	05	0530	-18	70	020	05	0935	-12	70	094	04
18	1013	-12	78	230	02	0160	-13	79	233	03	0540	-16	82	241	04	0955	-12	81	238	03
19	1017	-12	81	000	00	0192	-13	78	000	00	0585	-17	73	013	03	0982	-20	67	355	03
20	1019	-08	74	300	06	0207	-09	76	311	08	0600	-12	81	334	12	1017	-09	85	345	13
21	1019	-03	82	315	03	0210	-04	80	323	03	0620	-07	80	345	06	1036	-02	88	343	14
22	1001	-05	83	250	04	0070	-06	83	250	04	0460	-07	84	270	07	0894	-04	79	284	09
23	0990	-04	82	010	06	-015					0380	-07	80	355	06	0806	-08	80	354	08
24	0998	-05	82	030	08	0044					0440	-08	74	041	08	0862	-11	64	029	05
25	0999	-10	76	360	07	0052					0440	-13	72	008	05	0855	-13	77	110	02
26	1001	-08	76	020	10	0073	-08	76	020	10	0460	-10	77	023	08	0884	-12	78	020	04
27	1004	-10	77	350	09	0092	-11	77	350	09	0480	-13	80	341	08	0892	-16	83	338	05
28	1006	-10	71	010	02	0110	-10	63	009	02	0500	-13	61	355	02	0910	-17	72	279	01
29	1012	-10	79	290	02	0153	-11	74	295	02	0540	-15	77	301	03	0949	-18	85	294	03
30	1012	-11	68	170	04	0159	-12	70	172	04	0540	-15	75	180	04	0954	-18	81	174	03
31	1008	-06	78	070	09	0130	-07	78	074	09	0510	-10	78	108	11	0942	-12	84	108	14
MN	1007	-10	76	*		115	-11	73	*		505	-12	68	*		921	-12	69	*	

CONSTANT PRESSURE DATA — 00 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1384	-14	A16	060	09	1846	-15	A17	052	12	2320	-17	A17	050	19	2867	-18	A17	062	29
02	1397	-09	27	352	14	1865	-12	26	350	13	2350	-15	27	352	14	2873	-18	28	347	19
03	1374	-15	53	007	13	1833	-19	51	016	15	2320	-18	53	022	11	2828	-21	55	008	12
04	1351	-13	77	053	09	1814	-13	66	356	08	2310	-14	65	356	12	2827	-15	77	360	17
05	1345	-17	77	053	09	1797	-20	76	049	12	2270	-20	72	040	14	2781	-23	66	032	14
06	1384	-18	76	77	009	10	1836	-19	79	014	10	2310	-19	69	018	11	2824	-22	66	017	13
07	1386	-13	43	074	03	1847	-15	30	024	05	2330	-16	A17	016	07	2851	-18	A17	003	08
08	1388	-11	91	193	01	1853	-11	24	-		2350	-13	28	-		2870	-15	93	-	
09	1386	-09	A15	175	03	1857	-08	A15	170	06	2360	-10	29	191	06	2885	-12	83	207	08
10	1343	-07	35	299	05	1815	-09	62	257	05	2310	-11	75	223	06	2837	-15	59	228	07
11	1292	-09	86	-		1760	-11	87	-		2260	-14	87	-		2771	-18	84	-	
12	1304	-11	84	323	04	1769	-13	80	305	03	2265	-14	76	000	00	2777	-18	70	141	02
13	1289	-15	76	360	05	1746	-16	77	036	07	2235	-18	74	036	07	2740	-21	67	031	08
14	1341	-15	72	029	03	1798	-13	77	010	07	2295	-15	48	012	10	2807	-17	42	010	09
15	1353	-11		329	06	1817	-13		337	07	2310	-14		343	07	2827	-17		336	07
16	1344	-12	69	233	01	1807	-12	62	298	03	2310	-14	47	314	07	2816	-17	25	318	08
17	1370	-13	63	088	07	1832	-14	55	069	06	2320	-15	46	058	07	2897	-18	97	046	07
18	1393	-11	73	238	06	1859	-11	52	297	05	2960	-12	31	326	05	2877	-14	27	338	06
19	1414	-11	63	345	04	1881	-10	47	348	06	2990	-10	A15	345	09	2906	-13	A16	356	08
20	1459	-10	82	352	12	1926	-11	44	001	13	2440	-11	55	353	16	2946	-14	62	351	16
21	1488	-05	61	342	18	1963	-07	83	346	17	2460	-10	80	342	18	2992	-12	66	341	17
22	1346	-03	61	290	09	1825	-05	28	290	10	2320	-06	32	304	12	2866	-10	67	297	11
23	1249	-09	81	352	08	1718	-10	78	358	08	2220	-12	75	337	10	2737	-15	70	333	10
24	1299	-13	67	022	05	1761	-12	48	013	05	2260	-13	29	348	04	2775	-15	26	348	04
25	1288	-15	77	145	02	1743	-19	77	137	03	2220	-18	78	062	05	2734	-21	76	044	03
26	1317	-15	82	010	05	1772	-19	86	358	04	2260	-18	77	009	05	2764	-21	68	002	04
27	1320	-19	86	348	05	1778	-15	68	341	07	2270	-17	57	332	06	2778	-19	61	322	06
28	1335	-19	83	210	02	1793	-15	84	200	02	2280	-17	77	174	04	2792	-19	69	173	04
29	1378	-14	81	292	02	1839	-14	71	313	02	2330	-15	62	328	01	2844	-18	52	349	02
30	1379	-15	80	190	03	1837	-15	58	214	02	2320	-17	54	182	03	2839	-18	93	171	02
31	1376	-15	85	117	12	1838	-14	62	129	09	2330	-15	44	136	08	2844	-17	62	127	11
MN	1357	-12	66	2	03	1820	-13	59	*		2312	-15	53	*		2829	-17	50	4	06

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1011	-18	76	360	10	0144	-13	70	359	10	0530	-07	52	352	07	0963	-07	41	027	10
02	1009	-18	78	310	06	0127	-18	76	326	07	0510	-13	59	017	12	0927	-11	61	026	09
03	1007	-14	78	320	04	0119	-13	78	318	04	0505	-12	81	304	05	0922	-14	86	320	05
04	1004	-14	76	030	09	0097	-14	76	029	09	0470	-13	78	028	09	0896	-14	79	019	09
05	1011	-16	71	030	08	0148	-13	67	027	09	0520	-14	65	009	09	0946	-17	64	014	08
06	1012	-18	75	360	09	0153	-16	72	360	09	0540	-12	57	009	05	0955	-13	41	025	06
07	1010	-16	71	000	00	0136	-15	64	000	00	0520	-10	33	000	00	0944	-11	30	000	00
08	1009	-14	72	000	00	0132	-12	59	000	00	0520	-08	31	329	01	0943	-10	27		
09	1006	-16	67	120	02	0112	-14	69	131	03	0500	-10	65	218	03	0922	-10	57	227	04
10	1000	-12	78	130	04	0061					0445	-12	88	183	07	0868	-07	92	218	10
11	0997	-11	79	000	00	0042					0430	-11	76	353	05	0850	-09	84	012	08
12	1000	-18	78	290	03	0060					0440	-15	76	294	06	0853	-14	91	286	05
13	1002	-17	76	300	03	0077	-17	75	305	03	0480	-16	78	349	07	0874	-13	81	352	07
14	1007	-19	74	330	03	0118	-19	72	333	05	0500	-13	78	342	07	0917	-11	77	337	08
15	1006	-20	73	290	02	0110	-19	76	304	03	0490	-20	88	333	06	0897	-14	82	315	09
16	1008	-14	78	360	03	0121	-15	78	354	03	0500	-18	81	313	04	0906	-21	88	308	03
17	1012	-15	75	320	05	0153	-16	76	324	06	0530	-17	80	327	06	0948	-12	74	321	04
18	1013	-13	76	160	04	0162	-14	77	165	04	0550	-17	83	174	05	0951	-20	89	173	04
19	1017	-12	79	340	05	0196	-13	80	340	06	0580	-16	82	341	08	0988	-16	84	350	07
20	1019	-07	79	310	04	0213	-08	82	318	06	0610	-07	90	326	08	1032	-07	93	337	11
21	1011	-04	88	250	02	0153	-04	85	254	04	0570	-04	68	257	10	0987	-01	97	266	11
22	0992	-04	81	000	00	-003					0400	-05	74	304	08	0821	-07	81	307	09
23	0994	-06	83	050	07	0020					0410	-07	70	088	08	0839	-09	82	074	08
24	0996	-11	76	360	10	0036					0420	-11	80	339	05	0842	-13	84	314	02
25	1000	-13	73	360	06	0067	-13	73	360	06	0465	-10	74	040	02	0875	-12	74	081	02
26	1002	-12	76	300	05	0079	-12	76	303	05	0475	-15	80	330	09	0875	-18	85	932	13
27	1004	-12	75	300	02	0097	-12	75	303	03	0480	-15	77	318	04	0891	-19	80	918	04
28	1010	-11	74	010	03	0136	-12	74	358	03	0510	-15	77	320	02	0932	-18	68	190	01
29	1012	-11	76	240	02	0158	-12	78	247	02	0540	-15	83	267	04	0953	-18	89	276	04
30	1012	-11	74	150	04	0156	-12	74	152	04	0550	-15	77	159	07	0949	-19	81	193	09
31	1005	-06	78	050	05	0099	-06	78	051	05	0490	-08	79	065	13	0917	-11	81	080	17
MN	1006	-13	76	*		112	-13	74	*		499	-12	74	*		916	-13	79	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1405	-10	96	028	13	1872	-11	A16	032	14	2370	-14	A16	040	14	2884	-17	33	036	14
02	1363	-14	34	029	08	1822	-15	27	013	13	2300	-17	A17	012	11	2820	-20	27	002	15
03	1355	-15	87	319	06	1812	-17	88	313	08	2300	-18	86	321	08	2807	-19	80	349	09
04	1327	-16	85	019	10	1783	-17	88	014	12	2270	-18	89	014	14	2776	-21	97	019	17
05	1372	-19	62	024	08	1822	-21	57	029	11	2300	-21	46	024	15	2807	-22	86	022	16
06	1390	-14	30	023	06	1850	-15	27	022	09	2350	-17	26	024	11	2850	-19	A17	022	11
07	1381	-12	88	25	000	00	1844	-14	A16	311	04	2330	-14	A16	326	08	2853	-16	A17	351	10
08	1384	-10	A16				1852	-10	A15			2360	-12	A16			2873	-13	A16		
09	1364	-08	88	40	219	05	1836	-09	0	34	209	07	2330	-11	4	99	199	08	2860	-13	4	42	196	10
10	1314	-07	6	92	209	06	1785	-10	2	90	195	04	2270	-13	7	89	195	07	2799	-17	3	88	195	09
11	1292	-09	6	88	027	05	1759	-12	6	88	000	00	2250	-14	8	85	163	01	2767	-18	3	80	177	03
12	1285	-15	4	84	246	03	1743	-16	0	86	193	03	2230	-17	7	74	189	06	2741	-19	6	61	184	08
13	1308	-14	1	83	356	07	1767	-15	4	82	004	07	2260	-16	3	78	006	09	2770	-18	6	68	017	08
14	1354	-13	2	76	327	06	1816	-14	0	71	334	07	2300	-15	9	65	003	08	2821	-18	9	60	007	08
15	1332	-13	0	67	316	08	1795	-12	6	54	329	08	2300	-13	8	49	338	09	2807	-16	4	56	345	09
16	1333	-15	7	83	209	01	1791	-16	0	78	258	01	2270	-17	7	70	305	04	2789	-20	4	69	310	06
17	1385	-11	7	63	330	05	1850	-12	7	52	337	07	2340	-14	0	39	342	07	2863	-15	6	26	354	08
18	1387	-11	4	77	166	01	1852	-12	5	52	339	02	2350	-13	7	35	353	04	2867	-14	8	27	007	05
19	1423	-11	6	76	002	10	1888	-11	9	49	002	11	2380	-12	3	25	357	12	2908	-13	2	25	003	13
20	1476	-08	1	84	342	14	1948	-09	3	56	347	17	2450	-11	2	28	344	20	2972	-14	4	26	348	20
21	1440	-03	8	75	284	11	1918	-06	1	78	298	10	2420	-08	8	68	304	14	2952	-11	6	62	303	14
22	1266	-08	6	91	307	08	1798	-09	2	88	301	07	2240	-12	6	84	301	07	2757	-16	2	80	294	08
23	1279	-12	1	85	063	07	1743	-12	4	80	053	10	2250	-15	6	59	046	08	2753	-17	2	40	051	09
24	1275	-16	2	87	192	01	1791	-17	3	86	032	02	2230	-17	2	74	357	05	2729	-19	6	55	357	04
25	1308	-16	4	68	010	02	1761	-20	2	70	068	04	2250	-20	0	76	054	06	2747	-21	4	70	052	05
26	1302	-16	6	84	338	08	1758	-16	9	77	348	04	2250	-18	7	64	352	07	2752	-21	0	48	354	05
27	1315	-16	6	78	309	04	1772	-16	7	83	290	04	2260	-18	1	80	264	02	2768	-20	3	75	257	02
28	1358	-15	1	69	148	02	1817	-15	4	68	140	03	2300	-17	1	53	122	03	2818	-19	0	35	126	04
29	1380	-15	1	85	283	04	1839	-15	0	78	280	03	2320	-16	8	61	283	01	2842	-18	8	43	360	01
30	1374	-16	0	78	141	07	1831	-16	6	64	126	05	2330	-17	8	37	137	06	2830	-19	8	35	136	06
31	1355	-12	3	82	100	15	1823	-10	0	85	099	14	2320	-12	0	86	102	15	2845	-14	9	83	103	14
MN	1351	-13	0	71	356	03	1813	-13	9	64	*		2306	-15	5	56	*		2820	-17	8	50	12	05

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.
MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3982	-25	0 A18	064	24	5284	-33	2 A20	055	18	6818	-43	0			8702	-54	9		
02	4006	-25	7 31	337	15	5305	-34	8 51	339	15	6834	-44	0	332	24	8724	-53	0	300	12
03	3959	-25	6 60	006	15	5265	-32	4 60	014	18	6805	-43	1	007	32	8686	-56	8		
04	3974	-23	1 61	354	18	5285	-31	5 65	360	29	6829	-42	3			8719	-54	1		
05	3892	-30	8 54	034	17	5166	-36	5 31	012	26	6694	-43	0	009	41	8623	-45	0		
06	3942	-27	9 58	008	21	5232	-35	8 49	009	31	6750	-45	4			8651	-47	5		
07	3984	-25	9 A19	360	11	5282	-34	3 A21	357	20	6809	-44	6	356	21	8702	-50	6	349	12
08	4020	-22	6 A18	-		5332	-32	4 A20	-		6872	-42	2	317	05	8763	-54	2	305	04
09	4048	-19	2 A17	222	09	5379	-28	8 A19	212	11	6937	-41	5	217	14	8830	-53	9	181	05
10	3987	-21	0 28	209	13	5319	-27	7 30	220	09	6883	-40	0 39	240	08	8787	-52	8	210	09
11	3906	-25	7 78	198	04	5205	-33	6 60	181	06	6745	-41	7	174	08	8649	-49	2	169	07
12	3911	-25	8 56	163	02	5206	-35	8 43	131	05	6726	-44	3	114	02	8640	-45	1	310	04
13	3864	-27	5 58	052	11	5156	-34	5 37	053	16	6686	-42	8	058	16	8614	-43	0	324	08
14	3948	-24	0 37	020	12	5255	-33	0 48	009	10	6787	-44	5	018	11	8676	-48	2	018	11
15	3968	-23	7	346	07	5278	-32	1	002	07	6818	-42	9	012	12	8711	-51	2	013	12
16	3956	-24	2 27	318	12	5264	-32	6 30	323	17	6800	-43	6	324	17	8693	-49	2	339	13
17	3975	-24	6 27	047	12	5278	-33	2 30	079	17	6813	-42	8	035	23	8714	-49	0	032	20
18	4030	-21	8 40	353	10	5350	-30	4 A20	004	11	6902	-40	9	009	16	8810	-52	8	014	19
19	4065	-19	6 A17	352	07	5394	-29	2 A19	353	12	6950	-41	0	359	11	8850	-54	6	005	15
20	4103	-20	4 38	356	14	5431	-28	9 28	352	24	6993	-39	5 51	352	30	8917	-48	8		
21	4153	-19	2 47	343	17	5494	-25	5 62	351	23	7078	-37	1 49			9004	-51	8		
22	4037	-16	4 A17	289	13	5385	-24	7 66	264	14	6978	-35	1 73	294	16	8911	-51	8	284	20
23	3885	-23	1 70	346	07	5198	-30	5 35	078	09	6755	-39	5 31	079	18	8684	-46	0	064	12
24	3925	-20	8 A18	345	05	5255	-28	4 38	327	08	6818	-39	3 49	297	10	8732	-52	6	322	13
25	3859	-27	5 72	062	03	5148	-36	2 68	093	01	6663	-45	7	209	07	8581	-43	8	266	06
26	3890	-26	5 48	347	05	5188	-34	3 A21	360	07	6715	-44	2	282	04	8625	-45	7	357	06
27	3915	-24	8 62	308	06	5218	-33	4 54	302	07	6749	-44	2	279	07	8650	-45	9	282	06
28	3925	-25	4 51	158	08	5226	-33	4 43	162	10	6759	-43	8	153	17	8659	-46	6	129	12
29	3982	-23	8 A18	079	03	5292	-32	0 A20	104	05	6829	-43	7	102	08	8729	-48	2	088	11
30	3974	-24	5 37	138	03	5279	-33	2 A20	087	05	6811	-44	0	071	09	8718	-47	2	073	10
31	3982	-24	4 36	128	10	5291	-31	3 47	156	16	6836	-42	6	180	24	8733	-48	2	167	19
MN	3969	-23	9 41	*		5279	-32	1 39	*	08	6821	-42	3 49	357	07	8725	-49	7	351	04

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11331	-51	4			13216	-50	1			15868	-49	8			18204	-50	2		
02	11348	-49	9	344	15	13293	-48	8	334	13	15897	-48	8	133	06	18236	-49	0	332	05
03	11316	-48	9			13211	-48	4			15882	-48	7			18215	-50	2		
04	11348	-48	3			13238	-49	3			15893	-50	3			18225	-49	7		
05	11324	-45	8			13235	-46	7			15917	-47	8			18266	-48	9		
06	11333	-47	6			13235	-47	6			15900	-49	1			18236	-49	9		
07	11369	-47	0	162	03	13270	-48	0	025	03	15933	-49	7	147	02	18279	-49	0	160	04
08	11401	-48	1	202	05	13299	-48	3	173	06	15975	-48	2	169	05	18323	-48	0	146	05
09	11456	-48	4	234	05	13355	-47	7	207	06	16038	-47	4	196	06	18395	-46	9	182	07
10	11438	-46	5	235	06	13348	-46	4	252	05	16042	-46	5	225	05	18410	-46	6	200	05
11	11357	-44	5	262	05	13278	-45	7	286	07	15970	-47	2	269	02	18393	-46	8	218	05
12	11370	-43	1	292	07	13303	-44	9	307	09	16005	-45	9	292	05	18381	-45	3	242	02
13	11363	-41	6	302	09	13307	-43	6	303	09	16027	-46	7	312	07	18394	-47	5	317	02
14	11388	-43	3	342	10	13325	-44	1	330	10	16040	-45	3	299	05	18411	-46	5	299	04
15	11395	-44	2	350	10	13326	-44	0	358	06	16047	-44	5	339	04	18427	-44	3	331	01
16	11399	-43	9	008	02	13328	-44	5	345	07	16045	-45	2	360	05	18421	-44	9	078	01
17	11412	-44	0	346	08	13342	-44	2	021	12	16058	-44	6	265	05					
18	11473			357	10	13397	-44	6	356	09	16114	-44	3	359	08	18506	-44	3	020	07
19	11528	-44	6	006	16	13451	-44	5	090	10	16167	-44	6	022	11	18552	-45	5	094	06
20	11608	-43	7			13534	-45	8			16231	-46	0			18612	-47	7		
21	11616	-48	0			13525	-45	8			16229	-46	1			18595	-45	8		
22	11551	-44	1	305	12	13476	-45	3	333	14	16177	-45	3			18570	-43	9		
23	11424	-41	1	330	09	13375	-43	1	326	09	16110	-43	2	354	10	18510	-43	8	002	09
24	11392	-43	3	340	10	13331	-42	5	349	08	16061	-43	5	005	07	18499	-43	8	359	08
25	11335	-39	8	028	05	13295	-41	2	017	07	16036	-42	8	014	06	18441	-43	0	026	07
26	11362	-40	6	020	06	13317	-41	9	038	05	16061	-41	6	043	06	18471	-43	1	061	08
27	11393	-40	9	047	04	13352	-40	4	034	06	16120	-40	2	059	07	18540	-43	0	062	08
28	11411	-40	1	116	05	13372	-40	5	082	10	16132	-41	0	070	08	18550	-42	9	100	13
29	11449	-41	4	062	08	13396	-41	3	080	10	16145	-43	5	098	11	18542	-43	8	075	10
30	11453	-40	1	070	05	13418	-40	1	063	07	16178	-41	5	073	07	18591	-43	0	078	06
31	11456	-41	9	144	06	13405	-42	0	124	08	16147	-42	5	096	07	18555	-42	8		
MN	11413	-44	5	*	04	13398	-44	9	*	04	16046	-45	5	*	03	18422	-46	0		

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	4019	-25	5 54	037	21	5319	-33	5 53	032	19	6852	-43	4	045	24	8731	-56	1	038	41
02	3950	-26	4 42	012	13	5243	-36	0 48	007	15	6758	-45	1	013	20	8638	-53	7	010	25
03	3943	-24	0 63	012	11	5249	-33	1 40	019	11	6781	-44	8	038	19	8661	-53	0	028	24
04	3894	-29	1 58	020	19	5183	-33	9 A21	019	43	6716	-42	2			8635	-47	9		
05	3925	-28	6 A19	026	22	5217	-34	6 A21	020	41	6743	-44	6			8647	-48	4		
06	3980	-26	2 A19	022	15	5277	-34	4 A21	016	27	6807	-43	8	013	31	8710	-48	7		
07	4001	-22	2 30	330	08	5313	-32	2 A20	330	09	6849	-44	1	318	07	8736	-53	8	301	07
08	4026	-21	3 A18			5346	-30	5 A20			6896	-41	7			8782	-57	0		
09	4019	-19	9 26	208	11	5347	-29	0 A19	209	16	6903	-41	3	206	08	8799	-53	9	219	06
10	3940	-23	4 83	195	07	5254	-30	7 77	172	12	6805	-41	1	161	13	8703	-52	9	168	11
11	3903	-25	0 67	164	03	5204	-33	5 49	171	06	6739	-42	4	133	13	8648	-46	3	150	06
12	3868	-26	8 30	180	11	5159	-35	9 A21	146	14	6690	-42	5	141	19	8619	-44	3	266	04
13	3903	-25	7 34	012	11	5200	-35	0 43	039	10	6722	-43	9	040	13	8640	-45	0	006	10
14	3955	-24	9 53	004	06	5258	-33	8 51	026	06	6785	-44	8	057	09	8668	-49	9	027	10
15	3951	-23	1 A18	357	08	5261	-32	4 A20	001	11	6796	-43	9	002	12	8680	-51	7	002	12
16	3911	-29	0 54	300	13	5199	-34	5 A21	320	13	6736	-40	8	340	13	8677	-44	8	003	12
17	4011	-22	4 A18	359	10	5327	-31	7 51	002	13	6871	-42	4	012	15	8763	-52	9	359	25
18	4021	-20	5 A18	030	05	5343	-30	8 A20	034	06	6889	-41	9	027	10	8784	-54	5	028	16
19	4065	-20	9 27	355	17	5388	-30	0 28	360	16	6940	-40	9	352	18	8859	-48	0	357	43
20	4127	-20	2 A17	353	19	5457	-28	4 31	351	27	7027	-37	5 51			8954	-51	6		
21	4124	-16	4 66	326	15	5474	-25	1 73	329	17	7057	-36	4 68	329	23	8991	-51	2	337	29
22	3900	-23	5 57	281	06	5210	-32	4 35	262	13	6753	-41	1	281	17	8692	-43	1	295	10
23	3900	-21	4 A18	047	09	5229	-27	2 A19	062	11	6801	-38	4 A22	067	25	8714	-53	3	063	21
24	3861	-25	9 67	291	05	5159	-33	8 71	262	08	6691	-43	7	246	21	8593	-48	3	255	17
25	3871	-27	3 65	049	07	5161	-36	1 62	046	08	6677	-45	8	102	02	8585	-45	3	056	06
26	3879	-26	4 A19	347	09	5176	-34	3 A21	348	11	6700	-45	4	003	12	8599	-47	6	349	05
27	3895	-26	8 61	222	08	5190	-34	5 48	214	08	6714	-45	3	207	12	8620	-44	3	168	06
28	3954	-24	5 39	127	06	5259	-32	9 A20	113	10	6796	-43	2	116	14	8687	-48	0	100	14
29	3981	-23	2 A18	080	03	5291	-32	3 A20	097	09	6830	-43	0	089	13	8723	-50	0	079	12
30	3963	-24	9 28	146	07	5267	-33	7 45	140	07	6796	-44	9	137	08	8689	-47	6	130	07
31	3996	-21	5 75	135	19	5321	-28	8 69	132	27	6882	-40	0 64	131	20	8799	-51	0	-	
MN	3959	-24	1 41	*		5267	-32	4 37	*	08	6807	-42	6 51	28	06	8710	-49	8	14	09

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11315	-50	1			13190	-51	1			15840	-49	1			18171	-51	0		
02	11287	-48	0	337	09	13183	-48	0			15851	-49	6			18184	-50	6		
03	11310	-47	9	013	14	13204	-48	8	010	05	15864	-48	8	020	06	18196	-50	1	022	03
04	11316	-46	4			13219	-48	2			15882	-50	1			18218	-48	9		
05	11327	-47	9			13231	-48	0			15906	-48	0			18249	-48	7		
06	11387	-46	5			13290	-48	0			15956	-48	6			18304	-48	8		
07	11390	-47	2	128	10	13292	-48	0	135	06	15954	-48	9	142	06	18302	-48	6	128	07
08	11392	-48	4			13284	-48	4			15952	-48	5			18300	-47	8		
09	11431	-48	2	240	08	13333	-46	9	208	04	16018	-47	1	196	05	18384	-47	1	229	02
10	11380	-45	5	248	06	13291	-47	1	262	04	15973	-46	5	328	06	18338	-47	0	195	06
11	11381	-42	1	264	08	13319	-44	2	307	09	16023	-46	0	278	03	18402	-45	2	238	04
12	11354	-42	3	298	06	13292	-43	6	298	09	15997	-47	3	315	06	18361	-47	3	283	04
13	11379	-41	8	328	08	13323	-43	0	309	09	16048	-44	5	282	05	18425	-45	1	338	04
14	11339	-45	0	343	09	13280	-46	2	333	08	15987	-46	8	316	04	18393	-46	7	006	01
15	11367	-44	8	358	09	13287	-44	8	354	06	16001	-45	2	357	02	18376	-45	8	000	00
16	11400	-44	0	360	07	13327	-44	8	016	06	16041	-44	9	022	04	18420	-45	0	042	04
17	11437	-45	5	007	11	13356	-45	4	002	05	16064	-45	2	009	10	18446	-45	3	015	05
18	11454	-44	4	007	09	13384	-44	4	003	09	16097	-45	1	012	09	18479	-45	4	031	06
19	11549	-45	0			13473	-44	6			16179	-46	4			18548	-45	8		
20	11597	-45	7			13519	-45	8			16201	-48	0			18569	-45	7		
21	11613	-48	0	340	16	13519	-46	8	343	16	16210	-45	9	330	08	18582	-45	8	020	06
22	11441	-41	5	333	11	13385	-43	2	334	11	16103	-45	5	341	11	18492	-44	0	349	10
23	11395	-42	5	003	10	13337	-43	0	023	13	16067	-44	0	343	09	18467	-43	2	006	10
24	11315	-42	1	360	08	13261	-41	7	309	05	16005	-43	8	009	08	18400	-43	0	015	07
25	11332	-41	0	022	07	13284	-41	8	019	08	16027	-42	8	052	07	18430	-43	4	037	08
26	11313	-42	3	024	05	13258	-42	6	033	06	15996	-42	9	062	08	18399	-44	5	064	07
27	11377	-39	7	068	09	13342	-40	3	072	08	16102	-41	2	071	09	18520	-42	1	068	08
28	11418	-40	6	087	12	13377	-40	9	078	12	16130	-42	3	077	11	18532	-43	7	073	12
29	11441	-41	6	066	07	13396	-40	1	069	11	16144	-42	9	067	07	18545	-42	4	070	08
30	11420	-41	0	108	05	13379	-40	8	088	05	16129	-42	8	091	05	18535	-43	0	082	07
31	11481	-43	6	-		13422	-43	0	-		16150	-43	8	103	12	18548	-43	7	095	15
MN	11399	-44	5	*	05	13324	-44	9	*	04	16029	-45	9	*	04	18402	-46	0		

A — *Statistical Value for Relative Humidity*

* — *Vector Mean Wind*

\- — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.

MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20413	-49 2				23757	-49 2				26427	-47 1								
02	20446	-48 8				23808	-47 8				26495	-46 0								
03	20416	-49 3				23776	-48 3				26465	-45 3								
04	20430	-49 1				23791	-47 6				26480	-46 0								
05	20481	-48 0				23864	-46 0													
06	20443	-48 1				23815	-47 3				26516	-44 4								
07	20490	-48 5		187	02	23862	-46 2		142	07										
08	20548	-47 0		160	06	23958	-42 0		154	08										
09	20628	-46 2		153	06	24038	-43 5		172	04	26785	-40 3								
10	20655	-45 3		178	05	24061	-44 1		174	09	26800	-40 8		153	07					
11	20566	-46 3		186	04	23973	-43 7		149	07	26719	-40 4		185	06					
12	20634	-43 8				24078	-43 0				26821	-41 2								
13	20638	-45 2		227	03	24072	-43 2		177	05	26802	-43 4		179	04					
14	20657	-44 2		280	01	24090	-43 7		169	04	26818	-43 3		096	03					
15	20678	-44 0		331	01	24124	-43 2		000	00	26847	-44 0		051	05					
16	20682	-43 0		039	02	24119	-45 8		052	07	26830	-44 2		042	06					
17																				
18	20760	-44 8		020	04	24170	-44 8		034	06	26870	-45 8		050	14	31525	-43 5		038	08
19	20793	-46 1		051	04	24199	-44 0		050	07										
20	20857	-44 6				24271	-44 0													
21	20841	-45 0				24265	-43 4													
22	20828	-44 1				24257	-43 4													
23	20775	-43 2		015	08															
24	20730	-42 6		063	03	24187	-40 2		007	04	26995	-32 2		042	10					
25	20708	-43 2		050	08	24173	-39 7		057	10	26963	-36 9		066	09					
26	20744	-42 6		063	05	24197	-42 0		070	05										
27	20817	-40 2		082	10	24370	-33 4		080	09	27239	-29 8		091	10					
28	20814	-43 4		069	10	24267	-39 1		054	11	27103	-30 7		093	13					
29	20802	-44 0		080	10	24233	-43 0		087	07	26988	-38 8		090	13					
30	20858	-42 9		083	06	24315	-41 5		122	11	27079	-37 9		090	10					
31	20824	-42 7				24291	-40 4				27066	-38 7								
MN	20665	-45 2		*		24082	-43 6		*		26815	-40 8		*		31525	-43 5		*	

00 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	1 16	0					1	08 57	307	-55 1	307	0					1	06 16	440	082	38
02	00902	03	2 11	0					1	09 53	264	-55 8	318	0					8	07 86	343	332	27
03	00901	02	3 01	0					1	08 62	303	-57 0	304	0					1	06 90	394	007	33
04	00908	76	6 01	0					1	09 21	278	-55 3	314	0					1	05 60	477	002	33
05	47300	36	1 04	0					2	06 69	400	-43 0	299	0					1	06 73	398	009	41
06	00900	02	3 05	0					2	07 48	359	-48 1	302	1	12 78	161	-49 0	378	1	05 85	457	009	38
07	00900	02	8 02	0					1	08 19	325	-51 3	306	0					9	06 66	408	355	23
08	00900	02	1 02	0					1	09 04	287	-55 3	311	0					1	26 16	022	193	10
09	00900	02	8 01	0					1	09 00	292	-54 8	311	0					9	06 92	402	218	14
10	10841	02	8 10	0					1	09 20	281	-54 4	315	0					9	03 66	627	211	13
11	65407	71	8 03	0					1	08 10	327	-50 4	307	0					9	08 01	331	164	11
12	872--	71	3 05	0					1	07 80	341	-47 1	308	0					8	13 25	151	307	09
13	20870	76	1 03	0					1	07 58	350	-46 5	306	0					9	05 01	510	053	16
14	25700	01	2 09	0					1	07 78	344	-51 7	301	0					9	04 16	583	020	13
15	57540	03	8 01	0					1	08 42	314	-52 3	308	0					9	07 07	386	015	13
16	86400	71	0 01	0					1	07 73	347	-50 5	302	0					9	05 78	463	320	22
17	25500	01	2 09	0					1	08 14	328	-50 5	307	0					8	06 41	424	039	27
18	864--	71	6 01	0					1	09 12	286	-54 7	313	0					9	09 04	289	014	20
19	865--	71	1 06	0					1	08 95	295	-55 5	309	0					9	11 02	215	004	18
20	864--	71	3 03	0					1	09 01	297	-49 0	318	1	12 94	164	-46 0	381	4	07 26	383	350	31
21	863--	02	7 03	0					1	09 77	266	-57 7	315	0					3	06 41	439	351	32
22	862--	71	8 31	0					1	09 18	288	-54 1	313	0					7	08 64	313	284	22
23	55401	03	2 04	0					1	08 27	319	-47 6	313	0					9	07 15	378	067	20
24	27200	01	1 03	0					1	09 40	270	-57 4	314	0					9	09 55	264	322	14
25	00907	76	2 10	0					1	06 57	406	-46 0	294	0					9	24 13	030	057	10
26	75500	71	3 04	0					1	07 85	337	-48 5	307	0					9	00 06	001	020	10
27	864--	71	1 10	0					1	07 56	354	-50 0	301	0					9	19 93	057	070	11
28	865--	71	2 07	0					2	07 62	351	-49 4	302	0					9	07 50	358	150	19
29	865--	02	0 03	0					1	08 01	335	-51 7	303	0					1	27 60	018	080	16
30	864--	71	1 02	0					1	08 05	333	-48 8	307	0					9	26 57	022	073	16
31	865--	71	2 16	0					1	08 30	322	-52 8	305	0					8	07 50	363	167	25
MEAN										08 35	320	-51 7	308		12 86	163	-47 5	380					

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20354																			
02	20393	-49 2				23756	-48 0				26436	-46 2								
03	20399	-49 0		072	08	23766	-47 2		090	04	26459	-45 8		132	08					
04	20427	-48 8				23795	-47 3													
05	20456	-48 8				23832	-46 3													
06	20517	-48 0				23898	-46 7				26604	-45 2								
07	20510	-48 6		118	03	23901	-45 2				26613	-43 8								
08	20523	-48 2				23911	-46 0													
09	20616	-45 8																		
10	20567	-46 3		184	06	23977	-44 3		152	05	26704	-42 8		180	10					
11	20655	-44 3		163	04	24092	-42 7		168	05	26838	-41 0		148	06					
12	20595	-45 6		177	02	24019	-43 7		191	06	26751	-42 8		172	08					
13																				
14	20589	-45 2		203	01	24017	-44 0		133	04	26794	-44 7		085	08					
15	20627	-44 0		145	03															
16	20676	-44 9		060	03	24092	-45 8		048	08	26801	-44 5		065	11					
17	20691	-45 5		100	03	24095	-45 9		040	06	26818	-41 0		051	11					
18	20723	-45 6		067	06	24128	-45 5		047	09	26842	-43 5		031	10					
19	20794	-45 8				24191	-45 3				26910	-43 4								
20	20805	-45 7				24212	-45 6				26937	-41 2								
21	20827	-45 0		346	07	24249	-43 9		034	06	26981	-42 3		064	07					
22	20752	-42 9		357	07	24184	-43 0		049	07										
23	20732	-43 8		020	09	24168	-42 8		038	11										
24	20670	-43 4		043	06	24096	-44 3		051	08	26814	-44 3		072	13					
25	20695	-43 6		080	08	24128	-43 9		048	07	26855	-42 5		094	07					
26	20654	-44 3		078	10	24082	-43 7		090	10										
27	20793	-42 9		076	09	24235	-42 7		078	08										
28	20793	-42 7		078	10	24232	-42 0		072	09	26998	-39 7								
29	20817	-43 1		078	07	24259	-42 6		087	10	27035	-37 8		090	11					
30	20805	-43 0		091	08	24252	-42 1		110	13	27013	-38 6		093	14					
31	20814	-43 1		109	18	24264	-41 9		314	08	27023	-40 0		100	08					
MN	20642	-45 4		* 84	05	24068	-44 5		*		26808	-42 6		*					*	

12 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data $N_hC_LhC_MC_H$	ww	appp	Freezing Levels Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00901	02	6 04	0					1	09 67	258	-59 9	314	0					1	08 74	299	037	42
02	26400	02	5 04	0					1	08 62	301	-53 7	310	0					6	08 74	296	008	28
03	85600	71	8 08	0					2	07 72	346	-51 2	301	0					9	08 38	313	029	25
04	37502	23	3 05	0					2	08 47	308	-47 8	316	0					3	05 15	502	019	44
05	00900	02	8 02	0					2	07 76	344	-48 1	305	0					3	05 16	505	020	41
06	00900	02	8 02	0					2	07 68	351	-48 1	303	0					4	06 94	393	008	37
07	00900	02	0 00	0					1	08 81	298	-53 9	310	0					9	11 31	203	141	10
08	00900	02	8 04	0					2	08 86	297	-57 7	305	0					2	00 39	968	338	02
09	00900	02	6 05	0					1	09 24	280	-55 7	313	0					8	05 65	479	209	18
10	5741-	71	8 07	0					1	08 76	298	-53 1	312	0					9	05 48	483	161	14
11	56470	71	3 01	0					1	07 88	338	-48 8	307	0					9	06 56	412	140	14
12	27370	71	4 00	0					1	07 81	338	-45 3	311	0					9	06 60	405	141	19
13	864--	71	3 03	0					1	07 84	339	-46 9	308	0					8	06 79	395	040	13
14	15502	76	0 02	0					1	08 22	322	-51 8	307	0					9	07 89	339	061	13
15	864--	02	8 05	0					2	08 06	330	-52 3	303	0					9	07 92	338	006	16
16	86400	71	3 05	0					1	08 72	298	-44 8	323	0					9	27 58	018	071	15
17	86400	02	1 04	0					1	08 59	308	-53 8	307	0					9	08 43	315	359	26
18	864--	71	3 07	0					1	09 04	288	-56 1	310	0					9	08 49	313	025	21
19	864--	71	3 07	0					1	08 18	333	-49 0	307	0					1	09 19	285	360	44
20	1752-	02	1 01	0					1	09 47	277	-55 3	314	0					1	06 17	452	350	30
21	16479	01	7 25	0					1	09 89	260	-55 9	319	0					9	09 12	294	336	29
22	861--	71	7 10	0					1	07 88	339	-44 1	312	0					9	06 71	402	281	18
23	855--	02	2 14	0					1	08 79	296	-54 1	310	0					9	08 04	333	058	26
24	855--	36	6 02	0					1	08 12	322	-50 6	308	0					9	07 75	341	252	33
25	40870	22	2 03	0					1	07 78	338	-48 1	307	0					1	29 26	014	068	14
26	865--	71	8 03	0					1	07 82	337	-50 5	304	0					9	07 26	368	358	14
27	865--	71	0 00	0					1	07 53	353	-49 3	302	0					9	07 46	357	197	15
28	866--	71	2 10	0					1	08 17	325	-52 2	305	0					9	06 85	398	116	14
29	865--	71	8 02	0					1	08 10	330	-51 6	304	0					9	07 21	378	082	14
30	864--	71	6 02	0					1	08 15	326	-52 0	305	0					1	27 56	018	101	14
31	9-0--	71	8 09	0					1	09 07	287	-52 6	316	0					9	06 26	437	138	27
MEAN										08 41	315	-51 4	309										

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.
JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE Altitude (Pres. on Sfc.) gpm.	SURFACE Temp. °C	SURFACE R.H. %	SURFACE Wind deg.	SURFACE Wind mps.	1000 MBS Altitude gpm.	1000 MBS Temp. °C	1000 MBS R.H. %	1000 MBS Wind deg.	1000 MBS Wind mps.	950 MBS Altitude gpm.	950 MBS Temp. °C	950 MBS R.H. %	950 MBS Wind deg.	950 MBS Wind mps.	900 MBS Altitude gpm.	900 MBS Temp. °C	900 MBS R.H. %	900 MBS Wind deg.	900 MBS Wind mps.
01	1002	-09	88	090	19	0079	-04	88	-		0480	-06	83	-		0902	-08	76	-	
02	100A	-02	84	010	04	0092	-03	80	010	04	0480	-03	47	002	07	0924	-05	38	357	06
03	1007	-04	78	350	05	0122	-04	78	347	05	0520	-06	68	346	05	0949	-04	48	024	04
04	1012	-04	79	350	07	0157	-04	80	348	07	0560	-08	84	338	08	0982	-04	63	336	06
05	1013	-02	82	320	05	0163	-03	82	321	06	0560	-06	84	332	09	0987	-08	87	339	08
06	1013	-03	80	360	06	0166	-04	78	003	07	0560	-07	71	012	08	0992	-02	54	007	09
07	1017	-02	79	045	02	0198	-04	76	073	01	0600	000	53	093	02	1038	-01	49	052	03
08	1020	000	78	140	10	0222	-00	68	149	11	0640	-00	43	168	10	1065	000	25	183	10
09	1017	000	77	140	16	0203	-00	75	156	16	0620	-00	75	199	20	1048	002	88	210	18
10	1019	000	88	180	09	0217	-01	88	188	12	0630	-04	88	208	21	1053	-01	77	75	
11	1018	000	86	200	10	0210	-01	87	211	10	0610	-03	91	228	08	1045	-05	91	238	08
12	1012	001	78	130	07	0163	000	79	139	07	0580	000	88	189	07	1007	-01	82	227	07
13	1012	001	76	130	04	0161	001	0	167	150	04	0580	002	2	A14	209	06	1010	002	4
14	1009	002	87	320	02	0134	002	8	55	317	02	0540	002	0	35	291	04	0983	000	5
15	1009	001	76	270	03	0134	001	7	74	289	03	0540	002	0	46	322	05	0983	001	2
16	1011	001	79	360	09	0152	000	4	79	359	09	0570	-02	2	77	348	09	0989	-04	2
17	1007	000	80	280	09	0116	-00	2	81	286	09	0530	-02	4	88	306	09	0954	-03	5
18	1008	000	78	310	05	0124	000	2	78	313	06	0520	-02	7	81	318	07	0959	-05	7
19	1010	-00	73	260	05	0142	-01	2	74	269	04	0550	-04	6	81	308	03	0975	-03	6
20	0999	000	81	090	13	0053						0460	000	6	55	118	10	0899	-00	2
21	1002	000	73	010	06	0080	000	4	73	010	06	0480	-02	1	66	348	06	0917	-04	1
22	1004	001	76	350	06	0092	001	1	76	350	06	0490	-02	7	80	353	05	0929	-03	7
23	1005	000	75	340	05	0103	000	0	75	327	05	0500	-03	4	80	332	05	0935	-06	4
24	1004	001	89	300	02	0092	001	0	88	303	02	0500	-02	0	88	029	03	0929	-04	9
25	1008	004	69	010	07	0125	003	5	70	009	07	0530	-00	2	69	004	08	0969	-01	4
26	1008	001	71	290	05	0130	000	9	74	292	06	0530	001	7	81	320	05	0977	000	6
27	1000	-00	93	280	06	0064	-00	3	93	280	06	0470	-01	6	95	314	09	0904	-02	7
28	1001	001	83	270	09	0068	001	0	83	270	09	0490	-02	2	74	297	08	0901	-06	0
29	1004	000	84	270	05	0098	000	9	83	273	05	0490	-01	6	76	317	05	0939	-05	2
30	1011	001	78	270	03	0151	000	9	79	272	04	0560	-02	3	81	274	05	0988	-05	9
MN	1009	-00	79	•		134	-00	78	•		539	-02	71	•		971	-03	65	•	

Day	850 MBS Altitude (Pres. on Sfc.) gpm.	850 MBS Temp. °C	850 MBS R.H. %	850 MBS Wind deg.	850 MBS Wind mps.	800 MBS Altitude gpm.	800 MBS Temp. °C	800 MBS R.H. %	800 MBS Wind deg.	800 MBS Wind mps.	750 MBS Altitude gpm.	750 MBS Temp. °C	750 MBS R.H. %	750 MBS Wind deg.	750 MBS Wind mps.	700 MBS Altitude gpm.	700 MBS Temp. °C	700 MBS R.H. %	700 MBS Wind deg.	700 MBS Wind mps.
01	1344	-09	76	-		1814	-09	82	040	02	2310	-11	83	100	14	2839	-13	80	105	13
02	1372	-05	41	056	04	1847	-08	54	112	06	2340	-10	66	141	11	2874	-12	67	149	14
03	1399	-04	36	060	04	1876	-07	63	093	04	2370	-09	68	044	06	2906	-12	60	051	07
04	1431	-05	38	341	05	1907	-07	42	360	03	2410	-08	33	005	06	2943	-10	A15	009	05
05	1430	-08	41	339	05	1902	-08	51	343	07	2400	-10	38	339	08	2928	-12	46	338	08
06	1444	-03	34	003	09	1921	-07	37	004	12	2420	-09	37	004	12	2952	-12	37	356	13
07	1492	-03	30	024	06	1973	-04	30	016	08	2490	-06	32	021	10	3015	-09	39	013	12
08	1523	-00	30	188	07	2007	-02	57	197	07	2520	-05	41	185	05	3055	-08	55	208	06
09	1510	000	88	207	16	1996	-02	87	207	14	2510	-06	77	195	15	3044	-08	46	194	14
10	1510	-00	49			1994	-02	22			2500	-05	57			3045	-06	41		
11	1497	-00	A14	242	11	1981	-01	A14	250	10	2500	-03	A14	251	10	3037	-04	A15	249	14
12	1460	-04	86	230	07	1942	-02	87	250	10	2450	-04	23	259	11	2997	-03	22	248	14
13	1471	001	A14	198	04	1958	-01	A14	202	05	2480	-03	A14	175	06	3011	-06	A15	178	07
14	1439	-02	43	265	04	1920	-04	30	278	04	2430	-07	48	241	03	2961	-10	38	223	08
15	1441	-01	66	320	04	1923	-04	39	326	05	2420	-07	50	325	08	2969	-10	59	344	07
16	1441	-03	42	340	13	1923	-04	39	341	11	2420	-07	50	340	10	2965	-10	51	330	12
17	1407	-02	40	307	11	1887	-05	97	315	10	2400	-08	36	319	13	2924	-11	33	310	15
18	1404	-08	88	335	07	1873	-10	73	339	12	2380	-11	54	353	14	2898	-12	56	334	15
19	1427	-04	36	321	06	1904	-06	31	319	06	2400	-08	26	340	08	2940	-11	38	319	08
20	1353	-03	57	097	06	1852	-04	57	101	07	2340	-06	70	110	06	2873	-09	73	128	04
21	1365	-06	43	004	04	1838	-08	50	355	05	2340	-10	43	345	05	2864	-13	33	339	06
22	1378	-06	59	251	01	1851	-08	46	308	02	2360	-10	39	334	06	2877	-13	37	342	07
23	1383	-04	39	328	05	1859	-07	58	337	06	2360	-09	67	338	06	2891	-12	66	315	08
24	1377	-05	46	015	02	1851	-08	56	025	03	2340	-11	68	028	03	2874	-14	73	069	03
25	1422	-03	49	012	05	1901	-05	55	003	05	2400	-09	40	360	07	2933	-12	46	010	07
26	1433	-02	48	288	06	1914	-04	37	305	09	2410	-06	31	307	09	2957	-08	27	312	09
27	1396	-05	94	292	13	1831	-06	91	285	17	2320	-09	64	283	17	2868	-11	46	280	19
28	1346	-08	66	301	08	1818	-09	66	293	08	2310	-12	70	294	10	2839	-15	75	304	14
29	1382	-07	78	336	07	1852	-09	69	320	05	2340	-12	61	326	05	2871	-14	49	327	07
30	1434	-07	68	247	05	1908	-07	48	255	05	2420	-10	51	271	06	2936	-14	74	277	10
MN	1422	-04	51	306	03	1900	-06	49	•		2403	-08	47	•		2936	-10	46	302	04

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE Altitude (Pres. on Sfc.) gpm.	SURFACE Temp. °C	SURFACE R.H. %	SURFACE Wind deg.	SURFACE Wind mps.	1000 MBS Altitude gpm.	1000 MBS Temp. °C	1000 MBS R.H. %	1000 MBS Wind deg.	1000 MBS Wind mps.	950 MBS Altitude gpm.	950 MBS Temp. °C	950 MBS R.H. %	950 MBS Wind deg.	950 MBS Wind mps.	900 MBS Altitude gpm.	900 MBS Temp. °C	900 MBS R.H. %	900 MBS Wind deg.	900 MBS Wind mps.
01	1002	-04	83	070	03	0080	-04	82	071	03	0490	-05	69	076	04	0906	-07	52	100	06
02	1006	-06	79	360	09	0107	-06	75	359	09	0510	-04	47	350	05	0935	-05	48	006	06
03	1010	-06	81	315	08	0143	-07	82	324	07	0560	-07	87	022	03	0965	-04	70	082	02
04	1019	-03	81	330	06	0169	-03	82	340	07	0570	-06	88	355	09	0991	-07	83	353	10
05	1012	-06	79	340	08	0159	-06	80	341	08	0560	-08	82	343	07	0983	-04	79	353	07
06	1015	-07	83	315	03	0177	-06	84	326	04	0590	-02	46	349	08	1012	-01	59	345	08
07	1019	-05	80	140	07	0211	-04	84	147	07	0620	000	26	164	05	1051	-01	45	180	04
08	1019	-02	77	125	10	0215	-02	73	151	11	0620	-01	48	181	13	1058	-00	25	198	16
09	1017	000	88	170	05	0202	-00	88	179	09	0610	-03	89	206	19	1041	001	5	94	224
10	1020	-01	90	215	10	0224	-02	85	221	10	0630	-03	74	234	12	1057	-04	0	75	242
11	1015	-02	85	160	09	0183	-02	84	170	10	0590	-05	85	189	11	1012	-04	9	55	200
12	1013	000	81	140	05	0170	000	75	159	07	0580	001	62	210	08	1017	000	4	26	223
13	1010	000	75	130	05	0146	000	73	168	04	0560	002	60	231	03	0995	001	6	46	248
14	1008	001	70	000	00	0126	002	64	000	00	0530	003	25	293	04	0978	001	3	40	289
15	1010	000	94	350	10	0144	-00	93	349	10	0550	-03	89	344	06	0982	-01	3	86	347
16	1010	-01	76	340	09	0146	-01	77	344	09	0560	-04	84	354	08	0979	-01	0	55	354
17	1006	-00	90	310	04	0108	-00	84	319	05	0510	-03	84	338	07	0940	-06	4	85	337
18	1009	-01	76	310	04	0134	-01	77	313	04	0530	-04	81	324	05	0963	-06	1	69	335
19	1007	-01	76	130	02	0119	-02	77	130	02	0520	-03	77	137	02	0954	-01	7	44	138
20	0999	-01	80	020	02	0059					0460	-03	73	050	04	0892	-04	4	53	053
21	1003	-00	70	360	03	0088	-00	71	360	03	0490	-02	4	73	030	0923	-03	7	66	043
22	1004	-02	73	340	04	0097	-02	74	345	04	0500	-05	7	83	356	0926	-05	6	75	355
23	1005	-00	82	290	03	0103	-00	82	291	03	0500	-02	7	83	338	0939	-04	8	83	018
24	1005	001	71	045	09	0101	000	78	040	08	0500	-01	4	67	349	0941	-03	8	65	341
25	1010	000	73	315	04	0142	000	75	316	05	0560	-00	9	83	336	0987	-00	3	50	325
26	1004	-01	89	270	05	0097	-02	90	270	05	0500	-01	3	87	277	0938	-00	2	65	285
27	0999	-00	83	310	16	0054					0460	-03	3	84	326	0888	-06	7	85	332
28	1000	-00	82	280	06	0064	-00	82	280	06	0470	-03	3	86	302	0897	-06	2	89	304
29	1009	-01	78	270	02	0138	-01	81	270	02	0550	-02	7	86	287	0971	-05	9	86	282
30	1012	000	80	140	04	0158	-00	80	-		0560	-02	1	79	-	0995	-04	0	79	281
MN	1009	-01	80	•		135	-02	79	•		541	-03	74	•		970	-03	64	•	

Day	850 MBS Altitude (Pres. on Sfc.) gpm.	850 MBS Temp. °C	850 MBS R.H. %	850 MBS Wind deg.	850 MBS Wind mps.	800 MBS Altitude gpm.	800 MBS Temp. °C	800 MBS R.H. %	800 MBS Wind deg.	800 MBS Wind mps.	750 MBS Altitude gpm.	750 MBS Temp. °C	750 MBS R.H. %	750 MBS Wind deg.	750 MBS Wind mps.	700 MBS Altitude gpm.	700 MBS Temp. °C	700 MBS R.H. %	700 MBS Wind deg.	700 MBS Wind mps.
01	1351	-06	27	111	10	1824	-09	41	116	09	2310	-11	64	116	13	2847	-13	72	123	10
02	1389	-05	0	25	009	1858	-07	A15	023	04	2350	-10	2	A15	064	2886	-12	8	28	103
03	1417	-05	0	66	101	1892	-09	0	74	072	2380	-12	2	80	062	2916	-13	0	54	071
04	1436	-07	6	65	948	1908	-09	5	43	351	2410	-09	6	30	339	2938	-10	9	A16	354
05	1432	-06	3	70	013	1905	-08	9	66	006	2410	-09	3	44	003	2937	-10	7	26	004
06	1465	-03	8	54	945	1949	-05	7	46	344	2450	-07	8	43	344	2981	-10	7	64	344
07	1505	-01	8	33	115	1988	-03	2	30	101	2500	-06	0	45	019	3033	-09	0	41	008
08	1512	-01	0	A14	192	1995	-02	2	A14	194	2510	-03	6	A14	208	3048	-05	9	A15	218
09	1504	002	2	96		1992	-00	5	96		2510	-01	8	94		3054	-05	2	93	
10	1508	-05	5	47	234	1986	-03	3	68	242	2500	-05	8	69	246	3032	-08	3	35	250
11	1465	-01	2	27	204	1949	-02	7	A14	208	2470	-03	0	A14	212	3002	-05	0	A15	221
12	1475	-00	3	A14	208	1960	-01	1	A14	213	2480	-02	4	A14	208	3018	-04	1	A14	190
13	1452	-01	8	46	253	1933	-03	5	27	178	2430	-06	0	A15	187	2977	-08	5	A14	188
14	1435	-01	4	52	308	1917	-04	3	47	311	2420	-07	4	42	302	2957	-09	6	45	279
15	1435	-02	1	55	347	1917	-02	8	25	347	2430	-05	6	28	344	2961	-09	3	27	343
16	1436	-00	7	33	358	1919	-03	0	46	355	2430	-06	2	54	347	2962	-10	0	62	328
17	1387	-06	8	73	323	1860	-08	4	55	316	2360	-11	8	55	310	2883	-14	8	58	310
18	1410	-07	3	52	337	1882	-08	8	35	332	2380	-09	6	25	328	2911	-12	1	A16	358
19	1408	-02	9	37	240	1889	-04	3	34	293	2390	-06	9	32	308	2929	-10	3	47	297
20	1341	-05	8	45	030	1817	-07	1	34	018	2300	-09	2	27	026	2850	-11	9	58	015
21	1373	-05	9	58	121	1847	-08	2	49	018	2350	-10	7	58	353	2874	-12	9	29	349
22	1373	-06	8	36	335	1848	-07	5	32	333	2350	-09	9	38	338	2878	-12	1	28	342
23	1387	-07	0	84	357	1861	-07	8	83	310	2360	-10	8	79	229	2888	-14	0	75	228
24	1390	-06	2	58	040	1863	-08	2	48	049	2360	-10	1	38	044	2892	-13	0	37	058
25	1443	-02	8	46	299	1922	-05	8	54	303	2420	-08	0	43	319	2959	-10	1	31	331
26	1394	-01	9	40	285	1876	-04	0	38	284	2380	-06	5	41	295	2919	-09	3	38	300
27	1331	-10	1	86	348	1800	-09	0	61	342	2300	-11	6	51	346	2829	-14	3	48	339
28	1342	-09	2	93	298	1810	-11	0	94	308	2300	-14	0	82	317	2823	-17	3	68	328
29	1416	-09	3	87	300	1884	-11	1	75	294	2370	-12	5	58	304	2903	-14	3	45	311
30	1444	-06	5	79	280	1916	-10	2	83	290	2410	-12	9	84	280	2933	-16	5	81	284
MN	1422	-04	5	53	312	1899	-06	3	49	•	2401	-08	4	46	•	2934	-11	0	42	309

A *Statistical Value for Relative Humidity*

• *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.

JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3997	-20 3	73	113	16	5331	-26 6	60	129	19	6907	-36 6	32	132	21	8843	-49 8		128	21
02	4036	-18 7	69	133	14	5378	-24 7	68	130	12	6962	-36 8	50	152	10	8892	-50 6		153	20
03	4070	-17 0	60	116	07	5420	-24 7	A18	133	11	7004	-36 8	A22	136	15	8932	-51 2		120	13
04	4116	-16 7	A17	332	05	5463	-25 0	A18	300	07	7049	-37 9	A22	288	08	8962	-53 0		289	11
05	4090	-19 3	31	349	09	5428	-26 2	A19	342	10	7002	-38 3	A22	353	12	8915	-51 3		003	15
06	4118	-18 2	A17	002	14	5456	-26 7	A19	001	16	7032	-37 2	A22	358	17	8969	-49 4		348	25
07	4188	-17 1	33	003	15	5536	-25 3	29	355	17	7122	-35 5	31	342	26	9068	-49 5		338	35
08	4235	-16 6	65	255	08	5606	-20 3	70	309	13	7223	-32 0	63	305	16	9193	-46 6		313	20
09	4237	-11 8	65	172	12	5611	-20 6	67	252	11	7234	-30 5	61	278	15	9216	-45 9		272	17
10	4239	-10 9	55			5619	-19 1	51			7247	-30 6	48			9225	-46 2			
11	4235	-11 8	A16	254	14	5609	-20 3	37	256	20	7226	-32 0	65	-		9200	-46 6		-	
12	4195	-12 1	24	248	14	5566	-20 0	A17	223	11	7178	-32 8	33	230	17	9136	-48 2		217	17
13	4204	-11 6	42	173	10	5575	-21 6	60	176	13	7179	-33 6	59	160	15	9129	-49 3		164	15
14	4141	-14 6	37	224	10	5494	-24 3	29	198	12	7084	-35 3	32	208	24	9029	-48 8		192	19
15	4138	-17 4	50	306	08	5480	-26 1	32	283	08	7060	-36 9	31	247	07	9007	-44 7		247	16
16	4138	-17 0	54	337	15	5484	-25 1	A18	335	15	7068	-36 4	A21	301	20	9017	-47 6		280	18
17	4090	-18 8	A17	308	20	5423	-28 1	A19	302	29	6990	-38 9	A22			8929	-46 1			
18	4056	-20 8	33	328	24	5378	-29 8	A20	332	23	6936	-40 0	A22			8863	-47 2			
19	4109	-17 7	44	323	14	5454	-26 0	42	317	19	7028	-38 5	47	314	22	8957	-50 1		297	14
20	4049	-16 4	72	114	04	5399	-24 0	65	093	02	6992	-35 4	57	200	02	8934	-50 8		312	02
21	4022	-19 8	26	324	08	5352	-29 1	A19	317	11	6907	-41 1		299	16	8832	-45 0		295	15
22	4035	-20 7	35	331	09	5365	-27 7	A19	325	16	6930	-39 5	A22	320	19	8850	-47 8		307	13
23	4053	-19 6	69	307	06	5379	-29 8	68	286	08	6930	-41 5		274	09	8836	-47 6		275	12
24	4028	-21 2	40	100	03	5350	-30 2	64	118	02	6899	-41 9				8811	-46 9			
25	4091	-20 3	49	352	10	5415	-29 7	44	356	11	6967	-41 4		342	08	8872	-47 4		338	12
26	4136	-16 0	52	306	10	5485	-25 4	39	314	14	7063	-38 0	31	320	16	8986	-51 1		325	20
27	4033	-17 7	31	282	25	5377	-25 3	69			6965	-35 9	61			8903	-49 8			
28	3992	-21 5	69	318	14	5313	-29 3	43	301	24	6875	-38 3	48	305	32	8806	-48 3			
29	4022	-21 3	39	320	09	5342	-30 6	34	318	13	6891	-42 2		320	16	8822	-42 7		328	21
30	4093	-19 4	42	276	13	5427	-27 8	36	283	20	6995	-38 2	40	277	26	8920	-47 5			
MN	4106	-17 4	44	*		5451	-25 6	40	*307	07	7031	-37 0	39	*293	09	8968	-48 2		*296	07

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	4007	-19 1	73	118	10	5347	-25 4	73	119	15	6938	-36 4	61	134	21	8876	-49 7		132	23
02	4045	-20 2	75	117	11	5383	-26 9	63	131	13	6957	-37 8	61	132	18	8887	-50 8		133	15
03	4082	-16 6	A17	084	05	5430	-25 2	A18	089	05	7010	-37 8	A22	098	07	8927	-53 1		106	06
04	4107	-18 3	A17	335	02	5442	-27 5	47	332	07	7012	-38 7	35	317	12	8928	-53 1		308	14
05	4107	-17 2	32	353	13	5451	-26 4	42	338	14	7029	-37 2	30	333	17	8959	-50 6		335	14
06	4151	-18 1	50	352	22	5489	-27 0	33	356	28	7063	-36 7	A22			9006	-48 6			
07	4212	-15 7	30	323	05	5564	-24 2	32	325	13	7159	-33 7	66	331	24	9111	-49 7		332	29
08	4240	-14 0	58	232	12	5609	-20 5	70	254	10	7225	-31 4	65	257	13	9196	-47 0		281	25
09	4255	-10 3	84			5642	-17 1	75			7278	-28 7	70			9261	-46 7			
10	4219	-12 1	A16	258	16	5589	-21 4	A18	261	20	7197	-33 2	A20	262	25	9195	-48 0			
11	4201	-10 1	A15	230	16	5581	-19 8	47	230	14	7201	-30 6	35	238	07	9178	-45 1		236	12
12	4218	-11 6	A16	193	08	5588	-20 9	26	200	11	7206	-32 0	29	199	07	9179	-47 0		201	18
13	4159	-14 9	A16	182	08	5512	-25 3	A18	188	17	7094	-36 8	41	188	27	9027	-46 2		184	25
14	4134	-15 9	45	248	10	5478	-26 4	46	245	12	7052	-37 8	34	226	27	8993	-45 0		228	19
15	4132	-17 4	A17	340	07	5476	-25 7	A19	353	10	7054	-37 2	A22	359	15	8994	-45 1		313	04
16	4143	-14 8	A16	315	09	5496	-25 3	A18	299	14	7072	-37 5	44	317	14	8998	-51 1		334	18
17	4040	-19 2	28	309	30	5376	-27 1	30			6947	-39 0	31			8879	-45 7			
18	4074	-18 7	32	338	16	5412	-26 5	31	332	24	6990	-38 0	37	333	27	8917	-50 9			
19	4106	-16 0	35	306	10	5456	-24 8	65	293	15	7049	-34 9	51	301	21	8993	-50 2		298	27
20	4015	-18 8	53	342	06	5347	-28 0	66	312	09	6915	-38 0	31	286	18	8841	-49 2		276	20
21	4034	-19 6	27	339	09	5364	-29 0	A19	328	08	6924	-38 9	A22	329	12	8849	-47 8		330	13
22	4041	-19 4	27	334	10	5371	-29 0	40	336	12	6930	-40 0	38	331	14	8845	-49 8		302	17
23	4040	-22 1	71	228	05	5359	-30 4	67	255	08	6910	-41 0		251	07	8822	-46 8		277	06
24	4048	-21 0	51	027	05	5370	-30 1	38	025	05	6920	-41 5		012	07	8827	-47 2		338	06
25	4130	-18 1	47	332	10	5468	-27 3	39	343	12	7036	-39 3	45	340	17	8942	-51 3		332	21
26	4096	-16 5	40	299	20	5439	-25 6	53	298	20	7022	-36 7	61	307	32	8954	-51 2			
27	3979	-21 0	32	319	15	5299	-31 2	30	323	20	6849	-40 0	A22	311	19	8804	-40 9		300	22
28	3964	-23 9	52	323	15	5269	-33 3	37	308	20	6802	-41 9		321	22	8757	-39 5		312	21
29	4058	-20 3	A17	311	11	5386	-29 7	A20	320	16	6946	-37 3	A22	317	38	8875	-47 1			
30	4081	-21 9	50	287	14	5401	-30 4	50	284	17	6951	-41 7		278	22	8869	-44 2		284	26
MN	4104	-17 4	38	*		5446	-26 2	41	*305	08	7025	-37 1	39	*305	11	8961	-48 0		*287	10

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11539	-41 8		230	06	13479	-44 2		323	03	16218	-41 8								
02	11572	-44 1		134	02	13504	-44 8		000	00	16234	-43 1		040	03	18640	-42 7		104	04
03	11601	-43 4		332	01	13536	-42 8		305	04	16274	-42 3		303	02	18689	-41 3		129	02
04	11596	-44 8		336	08	13520	-43 4		325	08	16247	-42 6		322	05	18654	-43 1		350	04
05	11598	-43 9		335	12	13533	-43 4		335	09	16260	-43 2		348	07	18662	-43 4		360	06
06	11651	-44 8		340	20	13577	-45 3		348	18	16300	-43 3		329	04	18702	-42 6		193	05
07	11719	-46 2		333	16	13635	-45 3		342	17	16349	-44 1		351	08	18744	-43 3		121	03
08	11801	-50 0		318	14	13698	-47 3		316	09	16390	-44 8		329	06	18779	-43 1		020	03
09	11824	-51 0		285	14	13719	-47 1		285	04	16418	-45 4		307	04	18802	-44 4		347	01
10	11856	-49 9				13753	-46 9				16444	-46 0				18823	-45 0			
11	11825	-49 7		-		13728	-47 6		-		16415	-45 8		-		18796	-44 7		-	
12	11763	-47 2		236	09	13666	-47 3		000	00	16366	-45 8		013	01	18751	-44 0		052	06
13	11769	-46 0		178	10	13685	-46 0		158	03	16393	-45 5		126	02	18781	-43 8		179	02
14	11736	-43 1		217	09	13676	-43 1		338	04	16400	-43 3		000	00	18802	-43 2		016	04
15	11738	-41 6		277	09	13681	-43 8		330	03	16400	-43 9		012	03	18804	-42 3		010	05
16	11700	-44 0		304	10	13635	-43 2		324	05	16361	-43 0		347	06	18795	-43 3		031	06
17	11651	-40 9				13605	-42 6				16344	-42 7				18791	-42 8			
18	11603	-40 9				13558	-41 2				16303	-41 7				18716	-42 1			
19	11653	-42 1		316	12	13599	-42 3		331	10	16348	-41 6				18768	-41 7			
20	11655	-40 5		291	10	13613	-41 5		306	14	16354	-42 4		318	06	18765	-42 3		339	05
21	11584	-40 9		284	11	13596	-42 0		288	10	16268	-42 7		313	08	18670	-43 0		346	03
22	11583	-40 7		298	10	13538	-41 7		293	08	16282	-42 2		278	03	18697	-41 9		196	03
23	11585	-39 6		285	09	13546	-41 7		274	07	16288	-41 3		282	05	18718	-40 5		283	05
24	11563	-39 4				13523	-41 4				16271	-41 2				18701	-41 2			
25	11617	-40 1		310	09	13574	-41 5		289	12	16327	-41 2		262	04	18744	-41 8		322	06
26	11693	-41 6		296	18	13645	-42 0		300	13	16391	-42 2		300	08	18809	-41 8		301	03
27	11609	-42 0				13566	-40 3				16312	-41 6				18729	-41 9			
28	11548	-40 6				13505	-42 5				16264	-41 0				18681	-41 4			
29	11589	-39 4		314	14	13556	-40 0		277	04	16321	-40 3		297	04	18754	-40 8		247	02
30	11671	-39 2				13696	-40 5				16394	-40 5				18826	-41 1			
MN	11663	-43 3		*297	08	13601	-43 4		*316	07	16331	-42 9		*324	04	18742	-42 6		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11551	-45 1		135	02	13484	-44 3		082	05	16209	-42 5		089	03	18619	-42 5		069	05
02	11558	-44 0		200	01	13489	-44 0		012	02	16212	-43 9		000	00	18617	-42 0		104	02
03	11561	-44 5		329	05	13483	-45 4		320	05	16203	-44 6		358	03	18601	-42 7		150	02
04	11574	-45 7		350	08	13500	-44 1		350	08	16222	-43 7		021	06	18623	-42 6		007	05
05	11622	-44 4		342	12	13550	-44 3		342	13	16268	-44 2		345	06	18663	-42 6		060	05
06	11684	-43 9				13617	-43 8				16341	-44 8				18761	-42 8			
07	11727	-48 2		326	15	13691	-46 2		317	12	16338	-45 0		042	05	18721	-44 5		055	03
08	11808	-49 7		278	13	13712	-46 8		328	09	16409	-45 5		326	07	18797	-43 5		087	04
09	11864	-52 0				13752	-47 9				16436	-46 6				18808	-45 5			
10	11798	-46 3				13705	-45 5													
11	11800	-51 6		273	11	13697	-46 3		242	06	16393	-46 3		052	04	18778	-44 7		103	02
12	11792	-48 4		193	08	13700	-46 2		192	01	16403	-45 4		135	04	18790	-43 8		069	07
13	11736	-42 9		188	08	13675	-44 4		270	02	16396	-43 7		130	02	18797	-43 0		060	04
14	11719	-41 8		313	08	13660	-43 5		318	03	16385	-43 5		340	02	18788	-42 9		053	02
15	11710	-44 2		288	06	13648	-44 7		304	04	16358	-44 8		340	04	18749	-43 1		032	04
16	11677	-42 7		325	11	13616	-42 8		350	06	16348	-43 1		353	05	18751	-42 8		357	07
17	11627	-40 0				13587	-42 1				16335	-42 1				18752	-41 6			
18	11621	-41 9				13571	-41 7				16317	-42 1				18731	-42 0			
19	11660	-42 0		321	10	13609	-41 8		316	07	16366	-41 4		360	06	18784	-41 8		350	04
20	11576	-40 7		294	11	13530	-42 1		309	08	16263	-43 0		317	06	18670	-43 1		010	03
21	11578	-41 4		302	11	13532	-43 1		295	08	16267	-42 4		314	05	18684	-42 8		350	02
22	11570	-40 6		300	09	13530	-41 7		292	06	16274	-41 0		286	06	18696	-42 1		303	04
23	11573	-39 8		267	05	13528	-42 2		270	06	16277	-41 2		291	04	18693	-42 1		240	03
24	11571	-40 0		300	05	13533	-41 0		288	04	16290	-41 2		311	03	18713	-41 4		307	04
25	11658					13606	-42 2				16351	-41 7				18768	-41 8			
26	11652	-41 3				13607	-41 0				16357	-43 1				18779	-40 8			
27	11573	-39 8				13591	-41 8				16288	-40 2				18710	-41 2			
28	11542	-38 8		293	12	13509	-40 3		328	06	16271	-40 9		272	03	18697	-40 9		124	03
29	11624	-40 7				13579	-41 2				16339	-40 5				18772	-40 5			
30	11627	-40 5				13584	-41 2				16341	-41 0				18770	-40 7			
MN	11654	-43 5		*302	06	13592	-43 4		*320	05	16319	-43 1		*345	03	18726	-42 5		*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

RESOLUTE, N.W.T.
JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
72924	74°43'N	94°59'W	64 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Stc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01																				
02	20914	-42	3	126	04	24380	-40	0	104	05	27162	-38	8	093	06					
03	20981	-39	7	123	01	24467	-39	3	123	03	27259	-36	9	110	08					
04	20925	-41	8	115	01	24399	-41	8	145	02	27167	-38	1	065	06					
05	20940	-41	8	357	03	24401	-41	2	106	04	27176	-37	8	089	06					
06	20980	-41	8	038	04	24447	-40	5	052	11										
07	21018	-42	8	029	04	24475	-40	2	081	08	27248	-40	5	033	05					
08	21044	-43	0	021	02	24489	-42	7	082	06										
09	21060	-43	5	065	02	24509	-41	8	068	06	27274	-38	9	091	09					
10	21077	-44	6																	
11	21053	-43	8	048	02	24496	-40	5	070	12	27299	-34	2	101	07					
12	21019	-42	2	112	03	24491	-37	6	072	08	27354	-29	3	110	09					
13	21047	-41	3	035	07	24556	-35	4	093	07	27440	-26	2	093	07					
14	21070	-42	8	000	00	24543	-38	4	090	05	27375	-31	0	099	06					
15	21082	-41	7	040	03	24553	-40	8	068	05										
16	21030	-42	X	051	05	24494	-40	3	043	06	27261	-40	1	068	07					
17	21031	-40	7			24512	-40	3			27288	-37	1							
18	21001	-40	8			24476	-39	8			27245	-37	6							
19	21051	-41	6			24523	-39	8			27311	-37	2							
20	21042	-41	8	024	07	24517	-40	1	060	05	27308	-35	7	083	08					
21	20943	-41	8	010	05	24418	-40	1	058	06	27200	-36	8	081	05					
22	20978	-41	6	072	02	24454	-39	0	065	03	27253	-35	9	089	06					
23	21011	-40	5	273	02	24480	-40	7	124	02	27262	-36	7	130	04					
24	20980	-42	1																	
25	21031	-41	3	289	02	24512	-39	5	085	03	27305	-36	0	109	03					
26	21092	-40	8	042	04															
27	21007	-41	4			24485	-39	9			27268	-37	7							
28	20967	-41	8			24451	-39	2			27241	-37	5							
29	21044	-40	6	117	02	24534	-39	1	114	03										
30	21126	-39	7			24631	-37	8			27441	-35	7							
MN	21019	-41	8	*	41	02	24488	-39	8	*	76	05	27279	-36	2	*				

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA $P_0 c_1 h c_2 c_3 c_4$	ww	cppp	FREEZING LEVELS Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Code	Highest Alt. gpkm.	Highest Pres mb.	TROPOPAUSE (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	TROPOPAUSE (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	MAX. WIND LEVEL Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	864--	38	6 03	0						1	09	02	291	-51 0	317	0							7	05	78	470	122	25
02	16556	01	3 06	0						2	09	16	288	-52 4	316	1	13	29	155	-45 8	388	9	09	90	256	143	26
03	30931	01	2 09	0						1	09	46	276	-54 5	316	0						9	06	69	418	144	16
04	863--	02	1 05	0						1	09	71	267	-56 8	316	0						9	09	07	294	287	11
05	863--	71	6 05	0						2	08	51	320	-51 0	308	0						9	07	65	364	350	17
06	76300	03	2 07	0						1	09	30	285	-51 5	318	0						9	11	10	217	348	27
07	26300	01	3 05	3	0	43	970	0	61	949	1	10	01	259	-54 0	323	0					9	09	25	292	336	35
08	00907	02	8 02	2	0	16	009	1	28	877	1	10	74	236	-58 3	324	0					9	10	19	257	316	23
09	7657-	02	1 02	2	0	06	017	1	63	837	1	10	92	230	-59 6	325	0					9	00	60	952	197	21
10	76300	02	5 00	2	0	09	016	1	60	862	1	10	62	243	-57 1	324	0					1	00	78	932	211	22
11	863--	02	8 09	1	0	08	016	0	08	016	1	10	93	229	-56 5	330	0					9	06	31	484	295	28
12	75500	02	3 02	2	0	26	988	0	84	921	1	10	27	252	-55 6	323	0					9	10	60	239	225	24
13	00904	03	6 02	2	0	30	983	1	74	822	1	10	19	255	-54 7	323	0					9	08	47	332	146	16
14	00901	02	5 03	1	1	02	895	1	02	895	1	09	03	300	-48 8	317	0					9	08	34	333	194	26
15	10970	02	0 03	1	1	20	875	1	20	875	1	08	94	322	-45 0	316	0					9	09	11	298	247	16
16	25300	02	1 01	1	0	21	992	0	21	992	1	09	27	290	-48 8	320	0					9	08	59	321	278	23
17	66100	22	7 09	1	0	08	005	0	08	005	2	08	10	340	-45 7	310	2	12	68	172	-42 6	382	1	05	74	478	300	39
18	75400	85	1 05	1	0	15	997	0	15	997	1	08	64	310	-48 3	314	0					1	06	46	428	332	31
19	65401	03	0 02	0							1	09	19	290	-51 6	316	0					7	07	15	394	313	29
20	76500	02	6 22	1	0	88	903	0	88	903	1	09	13	291	-52 5	314	0					9	12	71	171	310	17
21	21400	01	3 03	1	0	14	992	0	14	992	1	07	80	350	-46 5	306	0					9	07	71	355	291	19
22	65400	03	3 06	1	0	20	985	0	20	985	1	08	23	330	-48 4	308	0					9	06	96	398	320	19
23	864--	02	3 02	1	0	10	000	0	10	000	1	08	00	342	-49 4	304	0					9	06	53	424	282	12
24	76200	51	7 04	1	0	23	983	0	23	983	1	08	26	326	-48 3	309	0					1	06	50	423	093	06
25	17400	01	1 10	1	0	47	958	0	47	958	1	07	91	348	-49 2	303	0					9	08	62	311	339	13
26	26300	02	7 08	1	1	04	891	1	04	891	1	09	26	287	-52 8	315	0					9	10	51	258	311	23
27	9-0--	47	6 10	0							1	09	37	279	-52 6	318	1	14	38	133	-43 8	408	1	04	52	561	282	29
28	75401	03	0 01	1	0	22	983	0	22	983	1	08	71	305	-49 2	315	0					1	07	23	380	308	35
29	65300	01	2 14	1	0	16	990	0	16	990	1	07	59	362	-45 7	304	0					9	08	31	324	326	29
30	1545-	02	3 06	1	0	27	986	0	27	986	1	08	37	327	-48 9	309	0					4	07	86	352	279	38
MEAN											1	09	14	294	-51 5	315		13	45	153	-44 1	393						

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Stc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	20893	-42	5	122	05	24353	-40	2	115	08	27131	-38	8	082	10					
02	20898	-42	1	099	05	24355	-41	5	102	07	27118	-39	2	075	08					
03	20877	-42	1	121	03	24337	-41	6	074	04	27090	-40	7	087	08					
04	20901	-41	6	020	04	24378	-39	4	098	03	27178	-35	1	079	09					
05	20938	-42	2	354	06	24404	-40	3	053	05	27188	-37	3	062	08	32037	-31	4	052	09
06	21011	-42	8			24475	-41	4			27231	-39	9							
07	20985	-43	1	117	08	24429	-43	0	094	04	27183	-39	2	090	07					
08	21062	-43	3			24504	-42	6			27260	-39	2							
09	21057	-45	2			24468	-44	9												
10																				
11	21033	-43	2	091	03	24481	-42	5	087	12	27247	-38	9	083	08					
12	21058	-42	8	118	04	24508	-42	3	079	07										
13	21070	-42	3	090	05	24535	-40	8	060	09										
14	21061	-42	3	055	04	24524	-40	8	059	05	27294	-39	0	088	04					
15	21025	-42	3	046	05	24476	-41	9	070	06	27234	-40	3	085	08					
16	21027	-41	8	065	06	24491	-41	1	082	06	27261	-38	9	064	08					
17	21039	-40	9			24519	-40	0												
18	21010	-41	9			24483														
19	21065	-41	8	066	05	24541	-38	7	062	06										
20	20941	-43	1	038	04	24398	-40	4	056	06	27182	-37	2	091	07					
21	20950	-42	8	022	04	24416	-38	8	060	03	27247	-32	1							
22	20978	-40	9	005	02	24465	-38	0	110	04	27304	-30	2	093	06					
23	20974	-41	4	241	02	24451	-39	9	140	02	27270	-32	0	095	07					
24	20998	-40	7	076	04	24488	-37	3	130	03	27340	-29	7	100	05					
25	21047	-42	2			24519	-40	5			27309	-36	3							
26	21068	-41	2			24542	-39	7			27332	-36	9							
27	20988	-41	6			24469	-41	0			27259	-35	6							
28	20983	-40	6	081	08	24462	-40	0	067	07	27254	-35	9	118	07					
29	21062	-41	2			24546	-38	9			27344	-36	8			32202	-30	6		
30	21054	-41	7			24542	-38	4			27347	-35	6							
MN	21002	-42	1	*		24468	-40	6	*		27244	-36	7	*		32120	-31	0	*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA $P_0 c_1 h c_2 c_3 c_4$	ww	cppp	FREEZING LEVELS Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Code	Highest Alt. gpkm.	Highest Pres mb.	TROPOPAUSE (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	TROPOPAUSE (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	MAX. WIND LEVEL Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	40847	02	1 04	0						1	09	12	288	-51 4	317	0						9	08	37	324	139	34
02	854--	02	1 03	0						1	09	15	288	-52 6	315	0						9	08	13	337	130	20
03	862--	02	2 09	0						1	09	45	276	-56 4	313	0						1	28	66	016	086	09
04	854--	02	1 03	0						1	09	38	280	-56 5	312	0						9	10	07	252	335	15
05	25200	01	3 02	0						1	09	70	267	-55 0	318	0						9	05	99	466	334	18
06	26170	03	2 07	0						1	09	57	275	-52 0	320	0						3	04	97	536	354	30
07	00901	02	3 04	3	0	47	968	0	69	942	1	10	17	255	-57 2	319	0					9	09	62	277	334	35
08	60921	02	6 02	0							1	10	96	228	-58 0	328	0					8	08	87	314	283	28
09	864--	66	3 11	2	0	08	015	1	90	809	1	11	20	222	-60 0	328	0					1	01	06	898	226	24
10	861--	02	8 02	0							1	10	05	261	-54 6	321	0					4	07	76	368	269	30
11	863--	85	8 06	0							1	10	93	228	-57 5	328	0					9	10	39	249	236	23
12	16500	03	0 00	1	1	36	862	1	36	862	1	10	85	232	-57 5	327	0					9	09	34	293	203	19
13	20971	01	6 04	1	1	22	878	1	22	875	2	08	08	347	-46 0	308	0					9	06	90	411	184	27
14	00908	01	6 02	1	1	20	875	1	20	875	2	08	13	341	-44 5	312	0					9	07	64	368	228	30
15	862--	20	3 06	1	0	08	008	0	08	008	1	08	26	334	-45 2	312	1	13	92	144	-45 6	396	9	06	81	414	359	17
16	26402	01	6 06	0							1	09	35	284	-53 8	315	0						9	08	80	308	352	18
17	56270	26	2 05	0							1	08	58	314	-46 6	316	0						1	05	28	506	307	35
18	864--	85	3 03	0							2	08	86	309	-50 8	313	0						1	07	91	949	334	34
19	864--	85	8 14	0							1	09	79	264	-56 5	317	0						9	09	42	280	284	30
20	20921	03	1 09	0							1	08	61	310	-50 3	312	0						9	08	56	312	275	23
21	00900	02	6 01	0							1	08	75	305	-48 3	316	0						9	08	38	323	360	16
22	854--	02	4 00	0							2	08	42	320	-49 6	310	0						9	06	14	448	330	18
23	860--	71	7 04	0							2	07	98	342	-48 4	306	0						1	30	80	012	107	12
24	19700	02	2 09	1	0	26	980	0	26	980	2	07	89	346	-48 5	305	0						9	00	06	009	045	09
25	00901	02	0 00	2	0	23	988	0	92	908	1	08	83	305	-52 4	310	0						5	07	39	384	342	22
26	86200	56	6 12	3	0	55	944	0	90	905	1	09	29	285	-53 8	314	0						1	07	46	375	317	36
27	55470	01	5 01	0							1	07	37	371	-42 0	307	0						5	06	39	427	292	29
28	861--	71	1 04	0							1	06	80	400	-41 9	301	0						9	06	33	428	318	27
29	76100	51	2 10	0							1	08	68	308	-48 4	314	0						4	07	09	392	315	40
30	9-0--	71	4 00	1	0	10	008	0	10	008	2	07	69	359	-47 0	303	0						5	08	30	327	284	34
MEAN											1	09	06	298	-51 4	315		13	92	144	-45 6	396						

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.

JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No. 74051 | LATITUDE 71°57'N | LONGITUDE 124°44'W | ELEVATION 84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1001	-26 6	77	112	05	0091	-26 9	76	112	05	0460	-24 9	75	086	02	0858	-24 6	78	084	04
02	1004	-28 9	75	000	00	0114	-28 2	70	000	00	0485	-29 0	66	211	05	0869	-26 2	69	135	05
03	1009	-32 1	73	135	05	0147	-31 0	73	153	04	0510	-28 2	73	100	02	0903	-27 1	76	048	04
04	1011	-36 4	70	045	03	0160	-33 4	58	028	03	0515	-31 1	60	010	04	0908	-29 2	68	040	03
05	1014	-34 4	72	112	03	0182	-32 6	68	110	04	0550	-29 8	62	105	05	0931	-28 8	59	099	04
06	1012	-32 6	64	135	02	0172	-31 1	61	160	02	0530	-27 8	56	221	02	0929	-26 6	61	198	02
07	1010	-34 7	61	135	03	0155	-32 7	61	143	03	0520	-27 0	63	140	03	0912	-26 9	71	128	03
08	1012	-36 4	70	045	05	0167	-30 9	64	054	05	0540	-26 0	67	090	04	0930	-25 9	63	108	04
09	1024	-36 8	70	022	06	0253	-27 7	52	349	04	0620	-26 1	53	302	04	1014	-26 7	56	290	03
10	1026	-36 6	45	158	06	0261	-36 4	51	189	07	0625	-27 2	54	244	07	1015	-28 4	52	270	07
11	1017	-33 6	72	135	08	0200	-31 8	70	147	10	0575	-23 8	63	190	18	0967	-23 1	64	216	13
12	1013	-34 9	51	292	07	0171	-34 8	54	292	08	0525	-33 7	65	292	10	0911	-30 2	75	289	11
13	1020	-39 1		360	03	0219	-37 9		354	05	0585	-29 2	61	350	07	0970	-25 8	71	348	08
14	1024	-40 2		360	08	0248	-31 3	66	003	14	0610	-28 9	64	011	12	1001	-28 2	58	006	13
15	1018	-36 7	95	338	10	0208	-33 0	79	349	14	0580	-27 6	74	358	15	0966	-27 3	73	359	15
16	1016	-37 5		022	03	0195	-31 8	67	004	04	0560	-28 9	68	350	07	0948	-27 9	69	342	07
17	1023	-36 1	82	350	10	0241	-30 5	68	345	17	0610	-25 7	63	357	19	1004	-26 1	57	360	17
18	1029	-35 1	71	135	04	0288	-26 7	62	200	03	0660	-25 0	56	237	03	1054	-25 6	47	246	04
19	1003	-24 9	78	360	04	0104	-24 5	77	006	04	0480	-23 7	74	096	07	0874	-23 3	79	031	07
20	1013	-26 4	57	090	05	0178	-25 6	57	081	04	0560	-22 7	53	102	01	0950	-23 4	48	088	02
21	1025	-41 4		045	08	0241	-34 1	49	042	11	0600	-31 2	54	051	09	0985	-32 1	60	044	06
22	1043	-39 1		338	06	0379	-28 8	71	016	15	0745	-25 9	66	034	10	1141	-23 9	47	027	10
23	1035	-30 2	75	135	05	0336	-21 6	54	114	03	0710	-21 9	37	031	02	1112	-21 0	28	017	02
24	1022	-26 6	67	180	07	0245	-20 8	69	220	08	0640	-16 1	50	267	11	1056	-16 7	42	291	10
25	1024	-32 4	81	338	07	0254	-25 8	68	340	13	0695	-15 8	63	004	14	1042	-13 9	A16	017	15
26	1009	-25 6	83	112	10	0148	-22 1	76	137	10	0545	-11 2	37	187	09	0951	-10 8	29	198	05
27	1000	-25 1	83			0084	-25 1	83			0465	-18 4	78			0867	-17 1	79		
28	1026	-28 3	76	158	03	0269	-19 8	53	229	02	0645	-17 3	33	250	01	1058	-16 4	25	274	02
29	1009	-17 0	85	338	07	0152	-17 4	84	335	08	0530	-16 2	78	328	12	0944	-15 1	79	333	14
30	1006	-27 3	71	045	06	0129	-25 6	66	042	06	0500	-20 1	41	031	06	0907	-21 0	36	002	05
31	1002	-36 7	70			0099	-36 7	71			0490	-35 5	74			0832	-34 7	72		
MN	1016	-32 6	72	*		196	-28 9	66	*		567	-25 0	61	*		961	-24 3	58	*	

CONSTANT PRESSURE DATA — 00 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1272	-26 9	81	102	06	1711	-27 0	80	099	07	2180	-28 5	81	083	09	2676	-29 4	81	089	08
02	1279	-28 4	70	120	04	1716	-27 9	69	104	03	2195	-30 4	69	099	05	2665	-32 9	70	085	08
03	1315	-26 1	79	057	05	1754	-27 3	79	070	05	2229	-28 7	80	082	05	2709	-31 3	77	092	04
04	1316	-29 3	71	035	03	1750	-29 1	68	018	03	2219	-30 5	68	002	04	2700	-32 2	62	085	05
05	1341	-27 6	55	101	07	1778	-27 9	52	096	09	2245	-28 8	49	094	10	2731	-31 7	43	101	10
06	1342	-27 2	69	154	03	1779	-28 3	59	131	04	2245	-29 8	51	121	06	2731	-32 2	44	108	05
07	1329	-28 1	74	137	03	1759	-28 9	62	143	06	2220	-29 9	51	151	05	2709	-32 0	44	160	05
08	1343	-26 8	86	112	05	1781	-28 3	49	118	05	2245	-30 4	44	123	05	2730	-32 7	37	132	05
09	1426	-27 2	58	228	03	1861	-29 3	55	226	03	2315	-31 4	52	233	03	2804	-33 9	46	231	04
10	1424	-29 1	55	279	07	1858	-29 8	58	292	09	2320	-31 2	60	294	09	2804	-33 6	62	294	10
11	1385	-23 3	61	214	06	1828	-24 5	54	214	06	2310	-25 1	51	241	07	2798	-26 7	48	249	09
12	1318	-30 0	79	290	11	1750	-31 1	79	296	11	2210	-32 5	80	296	11	2691	-34 6	77	291	11
13	1384	-26 3	73	341	08	1822	-28 2	65	340	08	2285	-30 4	55	339	07	2770	-32 8	44	333	09
14	1412	-28 0	50	359	14	1848	-28 9	38	358	13	2310	-30 7	A20	333	14	2798	-32 2	A20	334	15
15	1378	-26 7	71	354	19	1816	-27 3	69	354	20	2300	-25 6	66	352	23	2781	-27 6	66	345	21
16	1358	-28 3	65	331	08	1794	-29 1	47	329	09	2260	-30 4	A20	325	13	2745	-30 7	A20	326	18
17	1416	-27 4	51	002	17	1852	-28 8	46	003	19	2305	-30 2	40	001	19	2802	-31 9	34	356	21
18	1472	-23 4	A18	253	06	1916	-22 9	A18	283	08	2400	-20 7	A18	312	10	2903	-19 8	A17	328	12
19	1296	-18 1	81	344	16	1753	-13 1	30	330	29	2250	-14 8	A16	328	33	2767	-13 2	A16	327	34
20	1366	-24 9	49	081	03	1809	-24 3	57	067	03	2285	-24 2	65	351	04	2783	-24 1	78	312	10
21	1388	-32 9	64	035	09	1816	-32 9	64	024	08	2280	-34 5	60	008	07	2749	-36 6	59	006	09
22	1559	-23 6	42	038	09	2001	-25 8	49	052	07	2470	-25 8	46	034	05	2967	-28 6	37	000	00
23	1534	-20 8	A18	014	05	1983	-21 1	A18	356	04	2450	-22 2	34	348	05	2963	-24 9	35	347	07
24	1465	-19 3	34	303	10	1914	-22 4	36	297	13	2400	-22 4	75	296	18	2892	-25 3	77	298	19
25	1475	-15 4	39	024	15	1953	-16 8	29	012	21	2410	-18 0	A17			2934	-17 8	A17		
26	1389	-12 6	A16	205	06	1850	-14 8	A16	219	06	2340	-16 1	46	248	06	2854	-18 7	71	285	07
27	1295	-17 6	79			1750	-17 6	76			2235	-20 6	75			2737	-24 4	74		
28	1490	-14 7	A16	303	04	1949	-16 6	A17	317	07	2440	-19 3	A17	329	10	2941	-22 2	96	335	14
29	1377	-14 3	84	332	20	1838	-14 3	85	328	26	2325	-15 9	84			2845	-18 0	78		
30	1328	-20 3	30	344	09	1779	-20 8	33	328	12	2295	-21 8	50	323	18	2763	-22 1	69	329	22
31	1229	-36 9	71			1650	-36 7	70			2100	-36 9	69			2575	-36 9	68		
MN	1377	-24 6	57	349	04	1819	-25 2	53	*		2291	-26 4	51	*		2784	-28 1	52	333	07

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1003	-28 7	82	135	04	0105	-28 7	82	122	04	0465	-28 0	82	076	02	0865	-25 6	80	076	04
02	1007	-32 7	64	090	06	0132	-29 9	55	085	05	0495	-27 2	58	068	04	0891	-26 3	65	071	05
03	1010	-33 5	72	135	05	0151	-31 5	57	151	04	0510	-30 5	63	162	03	0901	-27 1	68	079	02
04	1014	-35 4	60	090	04	0179	-33 4	58	088	04	0540	-29 8	55	080	03	0929	-29 6	59	064	06
05	1012	-33 6	62	112	03	0169	-32 2	59	116	04	0530	-27 1	59	114	05	0926	-26 2	56	114	06
06	1011	-33 2	63	135	02	0162	-31 8	62	138	02	0520	-28 1	69	163	03	0918	-26 7	74	180	03
07	1008	-32 9	64	090	04	0139	-31 3	62	091	04	0500	-25 2	55	101	03	0901	-25 1	49	118	06
08	1019	-35 0	50	068	05	0216	-24 6	42	086	04	0595	-24 7	47	091	03	0983	-25 8	50	089	03
09	1028	-37 4	57	270	04	0277	-35 3	60	280	06	0640	-31 5	64	293	07	1023	-29 6	66	283	06
10	1023	-36 6	70	180	07	0240	-31 9	69	206	07	0620	-24 9	76	252	07	1003	-27 1	79	264	08
11	1008	-27 5	71	158	08	0144	-27 9	72	165	08	0505	-29 5	75	211	07	0902	-25 9	78	246	07
12	1019	-37 9		315	05	0211	-36 2	37	318	08	0575	-30 6	51	332	10	0955	-26 4	63	349	10
13	1023	-41 4		360	06	0241	-30 0	72	005	08	0610	-26 5	70	020	03	1001	-27 7	69	013	03
14	1023	-38 6		315	09	0239	-31 7	76	328	16	0605	-29 6	77	340	20	0990	-28 8	77	344	19
15	1017	-35 2	71	315	07	0201	-31 8	67	324	09	0575	-27 7	61	341	11	0958	-27 1	51	340	10
16	1017	-39 4		360	05	0203	-31 2	72	002	08	0560	-29 8	73	003	13	0955	-30 0	70	351	12
17	1030	-39 0		002	04	0291	-27 2	48	001	09	0660	-25 8	51	351	13	1053	-26 2	46	355	14
18	1004	-24 7	78	158	18	0110	-24 8	78	163	18	0490	-21 0	77	183	19	0882	-18 6	80	197	18
19	1015	-25 1	78	112	08	0192	-23 4	63	119	08	0570	-21 5	52	118	05	0967	-23 0	48	090	04
20	1018	-35 6	60	022	06	0209	-31 0	55	029	09	0575	-27 6	54	038	09	0964	-28 3	54	028	08
21	1037	-41 7		022	08	0336	-32 8	60	032	13	0700	-29 6	58	046	12	1086	-30 7	55	055	10
22	1042	-36 6	70	045	04	0374	-22 8	59	032	06	0740	-23 9	47	027	05	1146	-22 8	38	360	05
23	1030	-30 0	75	135	07	0300	-20 7	39	-		0685	-20 3	40	-		1082	-18 5	-		
24	1015	-32 4	73			0189	-28 8	79			0555	-26 1	77			0951	-25 5	77		
25	1021	-30 2	75	202	01	0233	-22 0	68	170	02	0620	-13 0	42	069	02	1031	-12 1	33	011	02
26	0998	-21 8	81	180	06	0069					0495	-18 8	83	212	09	0859	-09 5	89	240	11
27	1021	-30 3	74	338	09	0235	-29 1	80	348	13	0615	-20 1	77	002	15	1012	-18 9	69	005	17
28	1005	-16 4	76	202	12	0122	-16 7	76	214	12	0505	-18 4	80	260	13	0918	-06 2	74	280	17
29	1012	-22 0	73	330	05	0172	-21 9	69	346	06	0550	-18 8	47	336	08	0955	-18 1	59	332	10
30	1005	-32 0	73	338	05	0116	-30 9	72	339	07	0485	-27 8	73	341	13	0874	-25 7	75	343	13
31	1009	-38 0		360	09	0147	-36 6		-		0500	-29 8	69	-		0891	-30 1	71	013	09
MN	1016	-32 7	70	*		197	-28 9	64	*		566	-25 6	63	*		960	-24 1	63	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1279	-26 3	81	091	06	1717	-28 6	81	087	08	2190	-29 7	81	079	08	2669	-31 4	78	075	07
02	1304	-26 2	71	086	07	1742	-27 7	73	096	09	2210	-29 2	76	093	11	2695	-31 9	76	096	11
03	1313	-27 0	72	096	02	1751	-27 5	75	041	03	2210	-29 0	77	046	04	2704	-31 5	78	059	05
04	1337	-29 0	62	057	06	1772	-29 1	60	061	05	2235	-30 6	58	059	06	2721	-32 3	55	056	06
05	1340	-25 9	52	119	07	1780	-26 6	48	121	09	2245	-29 1	45	121	10	2734	-31 8	42	117	09
06	1350	-27 4	70	180	03	1767	-28 2	66	160	04	2295	-29 9	58	142	04	2718	-31 9	48	129	04
07	1319	-26 5	45	121	06	1793	-28 1	41	121	06	2210	-29 7	96	123	06	2704	-31 9	32	134	06
08	1396	-26 9	53	094	04	1833	-28 7	54	102	04	2295	-31 2	51	100	04	2779	-33 9	46	098	03
09	1430	-30 5	66	282	06	1861	-31 5	67	275	05	2310	-32 9	67	276	07	2802	-33 7	67	262	07
10	1415	-26 7	80	286	07	1854	-26 1	80	301	08	2315	-28 5	70	302	09	2811	-31 0	58	310	11
11	1320	-23 9	78	269	06	1762	-25 6	79	292	07	2295	-27 1	79	302	07	2724	-28 1	78	296	08
12	1367	-26 8	69	349	11	1803	-29 1	73	348	15	2270	-31 2	67	348	11	2748	-33 2	56	350	09
13	1412	-27 7	65	011	10	1849	-27 9	61	007	10	2310	-31 0	60	358	08	2796	-34 1	58	352	08
14	1401	-27 0	59	347	20	1840	-26 1	43			2310	-26 3	34			2802	-28 7	33		
15	1370	-27 8	55	337	11	1806	-28 9	62	330	16	2275	-30 2	66	327	17	2756	-32 0	68	322	18
16	1360	-30 3	67	346	12	1791	-31 0	63	347	15	2250	-31 5	61	349	16	2794	-32 6	53	342	18
17	1346	-27 1	41	356	15	1902	-28 7	30	359	15	2375	-28 7	A19	002	15	2857	-29 9	A19	353	17
18	1311	-14 9	82	245	10	1775	-11 8	85	298	12	2270	-09 9	88	313	20	2798	-14 0	80	317	27
19	1384	-24 3	43	076	04	1829	-22 3	39	027	03	2310	-21 4	A18	005	07	2812	-22 0	A18	011	11
20	1373	-29 4	55	024	12	1806	-29 7	34	020	13	2260	-30 8	52	016	13	2799	-32 7	47	017	14
21	1492	-31 1	51	051	12	1925	-29 9	49	052	12	2390	-31 3	47	046	13	2872	-33 4	41	047	17
22	1564	-25 3	A18	350	06	2008	-23 7	A18	341	08	2480	-25 0	A18	340	08	2977	-27 6	A19	350	08
23	1508	-19 2				1960	-20 6		-		2438	-22 4		-		2940	-24 8		-	
24	1365	-24 5	76			1810	-22 3	69			2290	-21 9	58			2791	-23 8	45		
25	1468	-12 2	27	332	02	1932	-13 7	28	271	03	2420	-16 6	28	300	05	2937	-17 6	A17	324	10
26	1302	-09 4	92	254	12	1769	-12 9	90	271	12	2260	-15 1	55	290	12	2778	-16 9	62	288	16
27	1436	-19 6	59	002	20	1888	-20 7	45	358	20	2370	-22 3	28	358	20	2869	-23 0	30	355	25
28	1365	-06 7	87	294	21	1838	-09 5	69	303	24	2330	-10 1	25	307	26	2866	-11 5	25	308	26
29	1382	-17 8	55	329	13	1835	-18 4	76	324	16	2315	-19 3	35	322	21	2890	-18 9	78	324	27
30	1287	-27 8	77	339	15	1721	-29 3	79	341	17	2190	-29 6	79	344	20	2673	-32 1	65	339	21
31	1296	-31 7	71	021	18	1726	-31 7	71	030	25	2200	-32 9	69	032	22	2665	-34 1	66	026	25
MN	1377	-24 4	62	355	06	1820	-25 0	61	*		2290	-26 3	95	*		2784	-28 1	51	331	09

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.

JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3755	-36	0 76	090	06	4999	-44	0	104	09	6469	-51	9	107	11	8279	-62	0	108	06
02	3740	-38	2 70	099	08	4975	-45	7	091	08	6439	-54	7	068	07	8249	-59	1	059	04
03	3788	-37	3 71	085	04	5028	-44	7	090	05	6491	-53	8	090	07	8303	-59	9	070	04
04	3775	-38	0 66	354	05	5012	-45	3	021	06	6471	-54	6	354	05	8287	-58	6	330	05
05	3806	-38	2 31	087	08	5037	-46	9	078	06	6497	-54	1	359	04	8309	-58	7	282	11
06	3806	-37	8 A22	082	04	5046	-45	0	041	04	6510	-53	2	007	05	8325	-60	7	309	09
07	3788	-36	4 A21	169	05	5036	-42	7	228	03	6508	-53	1	269	07	8315	-60	0	272	15
08	3803	-38	5 32	143	05	5042	-43	6	148	03	6511	-53	7	229	03	8315	-62	9	268	08
09	3869	-39	7 35	246	03	5100	-45	2	249	02	6551	-56	5	294	03	8335	-63	1	326	04
10	3873	-39	1 66	292	08	5105	-45	5	280	08	6567	-53	2	262	09	8397	-58	0	313	20
11	3901	-31	9 65	264	10	5165	-41	0	271	12	6649	-51	2	284	16	8464	-62	6	290	31
12	3755	-40	1	293	08	4981	-47	0	290	12	6443	-52	0	298	15	8293	-54	8	305	22
13	3843	-38	3 A22	324	11	5082	-43	2	324	24	6564	-49	7	320	33	8431	-54	1		
14	3877	-35	6 A21	354	23	5135	-40	2			6631	-47	6			8488	-55	9		
15	3885	-30	1 63	333	21	5161	-38	1	60		6661	-49	2			8493	-61	6		
16	3834	-34	0 A21	327	24	5105	-36	7	A22		6621	-45	6			8485	-58	2		
17	3882	-36	4 A21	351	24	5132	-41	9			6626	-46	9			8503	-55	3		
18	4035	-25	4 44	327	20	5342	-30	6	65	327	34	6904	-37	8	68			8835	-51	3
19	3933	-18	0 A17			5283	-23	8	54			6875	-35	1	59			8829	-47	8
20	3899	-27	4 76	309	15	5198	-33	0	74	305	28	6732	-43	9		301	29	8610	-56	3
21	3808	-40	4	338	12	5035	-46	3		342	17	6505	-50	3		351	23	8376	-51	9	350	29
22	4049	-37	9 A22	125	06	5282	-46	4		035	04	6736	-53	8		028	20	8556	-59	8	027	32
23	4067	-31	7 74	009	10	5338	-39	8	55	010	12	6822	-52	2		358	16	8634	-60	6	332	19
24	3993	-33	1 78	902	20	5250	-42	6		302	19	6730	-50	2		321	28	8572	-58	0		
25	4071	-24	8 A18			5371	-34	9	A21			6886	-47	3				8743	-58	2
26	3990	-26	0 64	318	10	5286	-34	9	64	338	17	6811	-44	6		334	28	8684	-55	9	332	41
27	3845	-30	9 68			5115	-40	4				6611	-47	9				8491	-53	4
28	4071	-22	3 A18	001	26	5390	-30	2	A20	356	35	6954	-37	5	35			8890	-50	8
29	3979	-25	6 69			5294	-31	2	56			6841	-41	8				8733	-54	7
30	3884	-27	6 78	317	99	5182	-34	0	75			6720	-42	9				8602	-55	4
31	3635	-39	3 69			4869	-45	1				6359	-46	4				8249	-49	8
MN	3879	-33	4 48	*		5141	-40	3	51	332	09	6635	-48	8	54	*		8486	-57	1	*	

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10803	-60	3	013	05	12589	-62	3	330	06	15056	-68	6	308	05					
02	10791	-60	0	038	05	12574	-63	1	008	02	15041	-67	9	283	05					
03	10846	-58	8	320	04	12642	-61	9	308	03	15120	-67	3	321	04	17247	-71	2		
04	10835	-57	9	298	07	12636	-61	0	294	08	15131	-65	2	294	07	17262	-71	8	284	14
05	10857	-58	3	276	17	12655	-61	2	269	21	15133	-67	5	283	21					
06	10854	-59	4	282	15	12648	-61	9	269	17	15118	-67	6	276	27	17251	-70	9	277	20
07	10855	-58	9	280	24	12654	-60	3	282	29	15138	-67	0	289	33	17270	-71	1	290	26
08	10838	-60	4	275	14	12623	-62	4	282	17	15102	-66	7	281	20					
09	10837	-63	1	320	09	12593	-66	0	309	19	15098									
10	10928	-61	6	316	20	12699	-63	7	318	23	15161	-68	8	314	20					
11	10956	-62	4	294	29	12724	-65	0	307	25	15188	-68	4	301	26	17311	-71	5		
12	10877	-57	3	302	26	12678	-62	2	307	27	15157	-67	1			17282	-71	9		
13	11003	-58	9			12797	-62	7			15268	-68	0			17380	-73	2		
14	11023	-61	7			12798	-63	6			15247	-71	2			17339	-74	7		
15	10986	-63	0			12747	-66	6			15171	-70	1							
16	10984	-63	9			12736	-66	1			15166	-73	2							
17	11048	-61	0			12822	-64	7			15258	-70	6							
18	11544	-71	3			13045	-71	0			15426	-75	0							
19	11375	-69	3			13091	-68	2			15510	-72	6							
20	11159	-59	0			12985	-62	5			15417	-69	1			17523	-73	6		
21	10982	-56	1			12786	-61	9			15257	-69	1			17371	-73	3		
22	11066	-65	0	002	31	12824	-66	6	003	96	15248	-71	4			17334	-75	9		
23	11155	-62	0	340	22	12929	-69	2	342	22	15382	-70	3	339	27	17495	-72	6	346	19
24	11104	-61	2			12886	-69	7			15366	-66	8							
25	11259	-62	1			13035	-69	7			15518	-67	3							
26	11221	-61	1	333	46	13000	-64	1			15461	-67	7			17617	-66	2		
27	11084	-56	4			12887	-60	1			15386	-65	1							
28	11421	-67	2			13114	-72	1			15509									
29	11291	-59	7			13076	-62	8			15564	-64	1			17735	-68	0		
30	11168	-58	1			12987	-57	8			15524	-62	1			17730	-60	9		
31	10888	-53	3			12730	-56	6			15306									
MN	11027	-60	9	*		12805	-63	5	*		15270	-68	4	*		17410	-71	1	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3746	-37	6 68	067	08	4986	-43	5	042	15	6457	-53	4	044	14	8271	-60	0	048	11
02	3770	-38	1 76	107	08	5004	-46	1	109	05	6460	-54	3	146	09	8282	-58	6	099	05
03	3781	-37	6 69	042	05	5018	-45	2	057	05	6482	-54	0	054	06	8299	-60	2	044	03
04	3796	-38	1 44	068	07	5031	-45	6	046	07	6491	-53	6	016	05	8310	-59	6	311	07
05	3808	-38	4 34	110	07	5046	-45	0	074	04	6507	-54	1	282	04	8325	-59	7	271	07
06	3796	-36	6 A22	118	02	5042	-42	7	347	04	6516	-52	5	307	06	8333	-62	1	287	13
07	3782	-36	7 A22	150	06	5029	-42	6	189	04	6502	-53	0	219	04	8314	-60	6	259	11
08	3848	-38	9 34	119	02	5083	-44	4	168	02	6563	-55	0	277	03	8338	-63	7	293	03
09	3870	-39	1 68	274	06	5100	-46	5	252	07	6595	-54	3	330	10	8363	-61	9	333	11
10	3898	-34	2 A21	328	17	5156	-41	1	326	26	6637	-51	8	329	32	8453	-63	4		
11	3815	-35	2 76	250	11	5061	-44	4	239	15	6524	-53	5	253	19	8340	-60	7	281	19
12	3819	-38	1 A22	336	13	5050	-47	2	330	17	6513	-50	5	316	26	8385	-52	7		
13	3866	-38	1 A22	339	13	5106	-43	6	337	22	6588	-48	3	330	28	8449	-55	2		
14	3892	-34	8 A21			5153	-40	2			6646	-48	7			8501	-57	0		
15	3831	-37	0 57	321	24	5078	-42	2	327	34	6570	-47	6			8432	-56	9		
16	3812	-37	0 A22	339	27	5062	-41	4			6554	-48	3			8413	-56	3		
17	3949	-33	7 A21	356	23	5212	-39	2	A22	348	35	6722	-45	5		8592	-56	8		
18	3966	-16	1 54	324	38	5323	-22	9	51			6921	-34	6	64	8868	-50	3		
19	3948	-22	3 28	329	28	5279	-27	2	63	320	41	6849	-38	5	60	8772	-52	7		
20	3834	-34	4 31	018	25	5088	-42	3				6572	-48	7		8448	-51	4		
21	3943	-38	4 A22	048	16	5177	-45	3		033	24	6637	-53	3		8469	-57	5	017	32
22	4072	-33	6 38	027	11	5332	-40	7		028	15	6823	-49	6		8664	-60	7	346	18
23	4048	-31	5 68	348	11	5317	-38	7	42	006	17	6817	-49	0		8656	-60	9	009	30
24	3902	-31	3 A20			5170	-39	9	A22			6680	-46	9		8548	-54	8		
25	4072	-25	3 47	326	10	5375	-32	8	A20	318	16	6903	-45	9		8784	-56	4	324	36
26	3921	-23	8 78	290	18	5234	-30	6	76	303	31	6783	-41	3		8674	-56	3		
27	3994	-26	1 A19			5291	-35	2	A21			6808	-47	0		8666	-58	8		
28	4038	-17	6 A17	314	34	5376	-27	9	A19			6935	-40	8		8838	-55	0		
29	3969	-22	4 41			5293	-28	8	43			6854	-40	8		8748	-56	0		
30	3752	-36	2 52	334	27	5008	-40	2				6506	-47	1		8388	-51	9		
31	3736	-38	0 60	-		4976	-43	5		-		6463	-49	5		8318	-54	0	-	
MN	3880	-33	1 41	*		5144	-39	9	38	342	12	6639	-48	8	62	*		8492	-57	5	*	

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10801	-60	2	021	04	12586	-63	2	019	04	15050	-68	6	317	06	17162	-73	0	916	07
02	10827	-59	1	343	04	12619	-62	3	318	03	15091									
03	10839	-59	1	310	05	12629	-62	3	289	05	15108	-66	8	338	05	17239	-71	5	299	06
04	10864	-57	8	285	11	12665	-60	7	293	11	15161	-65	9	283	14					
05	10871	-58	6	269	17	12673	-61	9	273	19	15162	-67	0	274	22					
06	10858	-60	0	280	20	12637	-63	5	288	24	15116									
07	10856	-58	6	275	20	12657	-60	9	272	25	15142	-67	1	271	29	17281	-71	2	283	35
08	10848	-61	2	296	10	12623	-64	0	292	12	15088	-67	0	290	15	17220	-72	0	298	21
09	10853	-63	7	326	13	12614	-65	9	319	18	15050	-70	1	321	19	17154	-73	3	313	20
10	10941	-62	2			12708	-64	7			15166	-68	4							
11	10876	-59	9	284	25	12662	-62	4	298	23	15134	-68	7	301	24					
12	10978	-57	1			12780	-61	1			15266	-67	9							
13	11004	-59	6			12793	-62	9			15252	-69	2							
14	11022	-63	0			12789	-65	2			15236	-71	0							
15	10955	-62	7			12715	-66	9			15144	-70	6			17250	-76	3		
16	10959	-60	8			12738	-64	0			15177	-71	7							
17	11130	-61	2			12897	-66	2			15317	-72	1							
18	11385	-70	8			13078	-70	0			15471	-73	0							
19	11277	-66	0			13028	-67	2			15442	-72	3							
20	11062	-55	3			12879	-60	4			15372	-65	8			17499	-73	0		
21	11019	-60	2			12791	-65	3			15230	-70	2							
22	11138	-64	2	345	26	12895	-66	1	347	28	15321	-71	4	339	30	17413	-75	4		
23	11153	-61	7	339	22	12920	-64	2	327	18	15386	-67	0	346	23					
24	11122	-58	3			12929	-61	1			15414	-67	2			17546	-70	2		
25	11304	-62	7			13079	-63	6			15551	-66	4							
26	11177	-63	8			12939	-65	5			15391	-67	1							
27	11165	-62	9			12933	-63	8			15401									
28	11325	-66	3			13080	-64	3			15540	-68	1							
29	11255	-62	7			13032	-61	9			15531	-64	9			17690	-67	3		
30	11003	-53	5			12833	-57	3			15382	-60	9			17601	-61	1		
31	10911	-54	7	-		12734	-58	2	-		15279	-59	0	-		17541	-55	9	-	
MN	11025	-60	9	*		12804	-63	4	*		15270	-68	1	*		17381	-70	0	*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.
JANUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01																				
02																				
03																				
04	19226	-75	3	295	19															
05																				
06	19217	-75	3																	
07	19248																			
08																				
09																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20	19461																			
21	19311																			
22	19269																			
23	19449																			
24																				
25																				
26	19647	-66	8																	
27																				
28																				
29																				
30																				
31																				
MN	19354	-72	5	*					*					*					*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA				FREEZING LEVELS Lowest		FREEZING LEVELS Highest		TROPOPAUSE (1)						TROPOPAUSE (2)						MAX. WIND LEVEL				
	$P_0 c_1 c_2 c_3 c_4$	ww	appp	Code	Alt. gpkm.	Pres mb.	Alt. gpkm.	Pres mb.	Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	20840	02	1 04	0					2	07 77	329	-62	1 291		0						8	07 17	959	105	12
02	25500	02	1 08	0					2	06 97	368	-57	4 287		0						8	05 45	464	062	10
03	16400	02	1 03	0					2	07 57	337	-60	0 291		0						8	06 48	401	090	07
04	15500	02	1 03	0					1	07 09	363	-58	2 287		7	18 48	057	-74	3 451		9	17 23	070	283	14
05	00901	02	7 07	0					1	07 53	340	-59	9 291		0						8	16 07	086	268	24
06	00901	02	0 00	0					2	08 53	290	-61	0 302		7	17 98	062	-73	6 442		1	19 10	051	276	37
07	15600	02	8 03	0					1	07 76	327	-61	6 291		2	13 99	121	-64	9 381		8	16 24	083	285	44
08	00901	02	2 14	0					1	08 18	306	-63	3 294		0						8	15 70	091	278	24
09	16201	02	3 16	0					1	07 69	332	-63	9 287		0						7	12 70	147	306	13
10	00901	02	7 11	0					1	09 15	264	-61	0 310		0						8	12 89	146	318	24
11	10931	36	7 17	0					2	08 31	307	-62	2 296		2	14 40	114	-67	3 383		8	10 23	224	292	36
12	26301	01	2 24	0					2	06 50	396	-52	7 288		2	15 66	092	-68	8 404		7	10 10	225	293	31
13	16201	02	6 03	0					2	09 11	269	-56	4 314		7	16 38	083	-71	5 410		4	07 09	369	319	39
14	00901	10	8 03	0					2	09 48	255	-60	3 314		2	15 12	102	-71	0 388		2	03 99	590	353	25
15	00901	37	3 03	0					1	09 10	271	-64	5 303		7	13 52	132	-69	5 363		2	02 26	754	353	24
16	10841	02	8 09	0					2	09 42	257	-63	9 309		7	14 98	103	-73	0 383		1	04 70	590	328	42
17	00901	36	3 22	0					2	09 39	261	-58	5 315		7	13 72	129	-67	7 366		2	03 60	624	353	24
18	00901	02	8 23	0					1	11 61	191	-73	5 321		0						1	06 57	419	339	45
19	864—	02	2 30	0					1	11 72	189	-72	1 323		6	15 86	094	-74	2 391		1	02 88	691	327	35
20	63601	03	6 05	0					1	09 46	262	-59	6 313		6	17 27	073	-76	1 420		4	06 99	986	301	35
21	20841	02	2 17	0					2	06 77	385	-51	0 292		2	15 50	096	-70	0 396		1	10 16	227	351	33
22	00901	10	1 10	0					2	07 96	350	-58	7 294		7	16 86	076	-75	6 413		7	14 09	122	344	38
23	15601	02	7 14	0					1	08 10	327	-61	3 291		1	15 62	096	-71	0 395		8	16 04	090	341	28
24	20911	36	7 22	0					2	08 79	289	-58	8 306		1	12 85	151	-65	8 359		1	07 28	968	325	41
25	00901	10	1 06	0					2	09 28	274	-61	5 306		7	15 62	098	-67	7 399		1	02 18	774	012	23
26	70830	36	7 26	0					1	10 79	214	-61	7 328		2	12 68	158	-63	5 355		1	11 22	200	333	46
27	66400	71	2 81	0					2	08 59	305	-53	3 309		2	11 80	179	-59	7 349		0				
28	10941	02	7 06	0					1	12 75	160	-74	7 335		0						1	05 78	473	355	98
29	65400	01	2 25	0					1	09 52	264	-57	6 315		0						1	02 12	771	326	29
30	45601	02	8 02	0					1	09 29	268	-57	7 314		2	14 82	112	-61	5 396		2	04 20	573	319	42
31	26400	36	3 05	0					1	05 27	470	-46	0 282		2	12 98	158	-56	2 368		0				
MEAN										08 69	297	-60	5 303			15 02	109	-68	5 391						

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	19120	-75	8	292	10	22043														
02																				
03	19203	-76	0																	
04																				
05																				
06																				
07	19272																			
08	19177																			
09	19108																			
10																				
11																				
12																				
13																				
14																				
15	19145																			
16																				
17																				
18																				
19																				
20	19450																			
21																				
22																				
23																				
24	19552																			
25																				
26																				
27																				
28																				
29	19727																			
30	19725	-54	5			23177	-28	4			26138	-24	0							
31	19732	-44	7	-		23306	-25	6	-		26232	-28	1	034	19					
MN	19383	-62	7	*		22842	-27	0	*		26185	-26	1	*					*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA				FREEZING LEVELS Lowest		FREEZING LEVELS Highest		TROPOPAUSE (1)						TROPOPAUSE (2)						MAX. WIND LEVEL				
	$P_0 c_1 c_2 c_3 c_4$	ww	appp	Code	Alt. gpkm.	Pres mb.	Alt. gpkm.	Pres mb.	Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00900	02	5 01	0					1	07 95	319	-60	7 296		0						9	07 02	366	045	20
02	15500	02	2 06	0					2	07 82	322	-58	5 297		0						7	02 33	737	095	11
03	00901	02	8 03	0					1	07 97	316	-60	3 296		0						1	19 00	052	288	10
04	00901	02	0 04	0					2	07 83	324	-59	5 298		0						8	15 48	095	284	15
05	00901	02	8 04	0					2	07 20	359	-57	7 289		0						1	15 55	094	275	24
06	00900	02	6 04	0					2	08 16	308	-61	9 296		0						7	13 16	197	283	27
07	00901	02	9 01	0					2	07 64	334	-60	9 291		6	17 28	070	-71	2 491		1	17 98	062	279	36
08	00901	02	9 17	0					2	07 95	320	-63	2 291		0						1	17 79	063	298	22
09	00901	02	0 05	0					1	08 82	278	-64	0 301		0						8	16 32	081	313	25
10	10931	36	8 09	0					2	08 57	294	-64	2 296		0						4	06 90	384	323	36
11	80816	71	8 08	0					1	08 28	309	-60	8 299		7	15 19	100	-68	7 395		8	11 28	187	281	29
12	16301	02	1 17	0					2	06 07	429	-50	0 284		2	14 99	112	-67	0 385		1	08 03	917	320	40
13	16301	02	1 11	0					1	09 67	248	-59	0 319		0						4	07 22	963	330	30
14	00901	37	8 22	0					1	09 92	258	-62	4 317		2	12 48	158	-65	2 352		2	00 42	976	339	22
15	20840	02	8 03	0					2	09 16	266	-60	7 310		2	13 28	137	-68	1 362		1	05 90	442	325	42
16	10841	02	1 15	0					2	08 62	290	-57	5 308		7	16 26	083	-75	2 403		1	04 18	569	335	29
17	00901	02	1 14	0					1	09 13	274	-58	9 310		7	15 15	103	-72	1 384		1	09 35	490	348	37
18	894—	71	7 69	0					2	12 10	177	-75	4 324		0						1	05 30	901	322	94
19	16401	02	2 14	0					1	11 00	209	-68	2 320		0						1	06 18	440	321	47
20	15508	02	1 19	0					2	06 79	387	-49	8 293		2	13 25	141	-61	7 370		2	04 54	541	017	29
21	10841	36	1 29	0					2	07 42	353	-55	6 293		7	15 80	091	-72	8 397		5	08 68	290	019	36
22	00901	02	7 08	0					1	09 88	249	-67	6 307		7	16 93	076	-74	6 414		8	13 45	137	333	34
23	15501	02	7 15	0					2	09 30	269	-63	6 305		1	14 56	115	-67	2 382		8	08 19	922	012	33
24	10910	38	0 02	0					2	08 57	298	-55	0 309		2	16 92	086	-69	3 410		0				
25	50910	02	8 24	0					2	09 29	276	-60	2 308		0						5	09 04	287	323	40
26	864—	71	7 50	0					2	09 83	249	-64	2 311		0						1	06 41	422	309	45
27	16440	38	2 30	0					1	09 83	249	-64	4 311		0						1	03 33	658	335	28
28	864—	36	5 50	0					1	10 61	224	-69	0 318		0						1	04 59	556	314	36
29	1542-	02	7 10	0					1	09 88	250	-65	5 309		0						1	03 62	629	321	39
30	20740	02	8 03	0					1	08 83	278	-54	0 316		1	11 72	178	-57	2 393		1	03 75	600	334	27
31	10740	36	0 12	0					2	07 19	357	-53	7 294		0						1	27 05	018	034	35
MEAN										08 75	292	-60	8 303			14 82	112	-68	5 388						

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.

FEBRUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No. 74051 | LATITUDE 71°57'N | LONGITUDE 124°44'W | ELEVATION 84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1011	-35	6	71	360	06	0157	-34	3	71	357	06	0515	-29	3	70	354	05	0907	-27	4	67	353	06
02	1019	-38	8		045	06	0216	-30	7	65	046	06	0585	-29	7	66	041	05	0968	-28	8	68	019	06
03	1020	-33	9	72	135	06	0225	-28	8	73	230	04	0595	-27	6	76	311	05	0985	-28	3	78	324	07
04	1009	-35	0	71	135	03	0147	-31	8	71	153	02	0515	-28	0	73	100	02	0904	-29	2	77	030	03
05	0996	-39	6	60	135	03	0098						0425	-29	9	65	192	03	0804	-30	1	71	195	02
06	1003	-35	9	70	158	08	0107	-36	0	69	166	10	0475	-32	1	70	195	15	0850	-29	1	74	209	14
07	1008	-30	5	74	112	10	0144	-29	7	74	119	12	0515	-22	2	72	143	14	0914	-21	7	67	145	12
08	1006	-21	7	81	158	06	0128	-21	9	81	161	07	0505	-22	7	78	176	11	0902	-21	9	81	180	12
09	1008	-22	8	69	045	06	0144	-23	2	69	045	05	0520	-22	5	69	057	04	0920	-17	2	79	091	06
10	1006	-17	7	74	158	01	0131	-17	7	75	159	02	0515	-17	5	79	172	04	0924	-09	9	87	189	07
11	1015	-24	0	75	338	07	0193	-24	9	74	339	07	0565	-21	8	75	346	07	0968	-21	6	81	004	07
12	1029	-28	3	70	112	04	0292	-20	6	61	099	04	0660	-18	7	54	089	05	1076	-19	1	34	085	06
13	1028	-26	0	54	000	00	0286	-24	0	58	000	00	0660	-21	1	63	000	00	1063	-21	0	60	000	00
14	1023	-26	8	67	270	03	0252	-21	9	59	189	02	0625	-20	8	62	096	03	1030	-21	4	46	106	04
15	1023	-29	9	75	045	04	0244	-25	1	74	341	03	0615	-23	0	76	322	04	1017	-22	4	78	327	06
16	1015	-33	8	62	338	11	0187	-33	6	62	343	13	0560	-27	6	69	355	15	0945	-25	8	71	002	14
17	1020	-34	7	71	180	03	0221	-28	0	72	232	06	0590	-23	8	68	277	09	0991	-22	3	57	299	10
18	1010	-31	7	73	090	07	0151	-28	0	67	093	07	0520	-21	3	65	091	08	0927	-17	4	52	078	08
19	1018	-25	3	64	068	06	0215	-20	7	52	071	06	0600	-20	3	53	062	05	0995	-20	9	54	048	05
20	1025	-25	6	64	112	04	0264	-19	0	46	121	05	0640	-17	1	A17	117	06	1054	-16	6	A17	119	07
21	1027	-22	3	63	112	06	0281	-17	0	44	140	11	0665	-13	2	A16	153	15	1081	-13	0	A16	146	17
22	1022	-22	2	73	112	12	0243	-20	2	66	130	16	0620	-17	6	48	156	20	1031	-17	0	A17	159	17
23	1012	-20	7	73	135	10	0175	-19	4	70	143	11	0550	-16	9	60	162	15	0965	-14	4	40	166	18
24	1001	-18	0	82	202	03	0095	-18	1	82	202	03	0480	-20	2	74	202	06	0877	-17	8	80	205	09
25	1007	-29	3	75	315	08	0136	-27	9	74	318	09	0510	-21	3	76	324	14	0908	-20	7	78	326	17
26	1012	-33	6	81	045	08	0171	-25	8	70	050	07	0560	-17	4	49	085	03	0963	-17	1	57	107	02
27	1009	-21	1	72	112	07	0153	-19	6	65	120	06	0530	-14	8	39	137	05	0947	-15	3	37	124	07
28	1005	-19	9	82	112	06	0119	-18	3	73	122	07	0505	-13	2	50	126	07	0917	-14	9	41	123	06
MN	1014	-27	9	71	*		183	-24	6	67	*		558	-21	8	62	*		958	-20	8	59	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1317	-28	9	64	355	09	1751	-28	9	68	013	12	2210	-30	9	69	023	15	2699	-33	1	71	022	14
02	1378	-28	1	69	024	07	1813	-29	1	67	033	06	2275	-31	3	68	034	06	2760	-32	0	59	031	08
03	1393	-28	3	77	352	06	1828	-29	0	76	337	05	2290	-30	3	74	338	04	2778	-31	8	73	994	04
04	1912	-30	2	80	050	02	1746	-29	2	78	081	03	2210	-30	8	70	087	05	2694	-32	4	62	088	05
05	1210	-31	9	78	287	01	1643	-29	8	78	312	05	2106	-31	A	71	312	04	2588	-33	4	64	328	04
06	1259	-28	1	75	215	10	1696	-27	6	75	212	07	2160	-28	6	73	208	06	2655	-29	4	58	222	08
07	1336	-21	9	62	142	10	1785	-20	2	51	158	08	2270	-18	1	34	214	05	2780	-20	9		210	07
08	1330	-13	1	86	184	12	1796	-10	5	90	192	15	2300	-10	9	92	205	13	2822	-12	2	89	213	18
09	1554	-10	2	82	315	02	1827	-06	5	89	243	05	2350	-06	9	84	275	10	2867	-08	3	73	260	11
10	1376	-02	4	91	200	09	1858	-03	1	85	217	10	2378	-06	0	85	209	10	2905	-07	3	68	198	12
11	1392	-15	5	81	349	09	1856	-11	8	86	302	07	2350	-14	1	86	295	07	2869	-16	7	86	281	05
12	1500	-19	9	A17	065	05	1950	-20	9	A18	059	03	2420	-22	1	A18	062	03	2931	-24	4	A18	031	03
13	1485	-20	8	50	250	03	1934	-21	0	A18	311	04	2410	-22	2	A18	311	05	2915	-24	4	34	315	06
14	1451	-20	9	A18	129	02	1900	-21	3	A18	152	01	2380	-22	4	29	234	02	2879	-25	0	54	241	05
15	1436	-23	4	78	350	07	1879	-25	3	77	336	07	2340	-27	2	76	335	08	2840	-30	4	74	341	08
16	1357	-27	1	72	002	17	1795	-24	8	62	357	18	2265	-26	6	51	354	17	2758	-30	1	61	348	15
17	1412	-21	5	44	306	12	1859	-22	2	42	315	13	2325	-23	8	55	318	15	2835	-25	7	59	326	17
18	1356	-17	7	35	049	08	1809	-19	1	A17	027	09	2300	-21	1	A18	014	10	2794	-23	6	A18	009	19
19	1417	-19	8	29	058	06	1868	-20	5	A18	059	06	2345	-21	9	A18	058	09	2850	-24	8	A18	054	11
20	1483	-17	7	A17	109	07	1936	-19	1	A17	110	10	2410	-21	1	A18	105	08	2921	-23	3	A18	106	07
21	1514	-14	9	A16	136	18	1972	-17	0	A17	139	16	2455	-20	0	A17	141	14	2961	-23	2	A18	138	14
22	1459	-18	0	A17	149	13	1912	-19	6	A17	138	13	2400	-20	0	A17	142	11	2900	-22	4	A18	159	12
23	1397	-15	0	41	171	15	1855	-16	2	61	182	10	2345	-18	9	72	173	05	2848	-22	7	76	169	08
24	1312	-12	2	85	217	08	1776	-12	9	87	222	11	2270	-14	8	86	224	14	2786	-16	6	86	237	16
25	1330	-21	0	75	326	18	1778	-22	0	65	327	18	2250	-22	5	52	324	22	2757	-25	4	44	321	27
26	1391	-17	8	48	095	02	1844	-19	3	39	088	03	2320	-19	9	30	090	03	2834	-20	8	A18	342	04
27	1978	-16	0	34	128	06	1835	-17	3	30	134	03	2320	-15	7	A17	328	02	2839	-17	9	30	328	05
28	1349	-14	6	A16	119	06	1809	-14	1	A16	121	05	2305	-15	4	A16	118	03	2817	-18	3	A17	113	03
MN	1362	-19	9	55	* 124	01	1832	-19	9	52	*		2312	-21	2	50	*		2817	-23	4	50	* 309	02

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1012	-39	4		045	06	0167	-34	5		052	06	0525	-33	8	56	066	06	0909	-29	8	62	069	06
02	1021	-35	1	50	338	02	0231	-32	5	52	333	04	0600	-28	0	58	334	06	0986	-26	9	64	337	07
03	1016	-34	7	61	135	05	0198	-27	9	62	220	04	0560	-27	9	71	322	03	0955	-28	6	76	020	02
04	1004	-35	1	71	135	03	0110	-34	0	70	139	03	0475	-29	1	68	155	02	0862	-29	7	73	122	02
05	0995	-38	4		158	07	0047						0405	-34	0	68	192	09	0788	-28	1	68	213	07
06	1010	-34	9	71	135	03	0154	-32	3	65	145	05	0510	-28	6	61	176	10	0909	-26	1	54	176	09
07	1006	-23	4	83	135	09	0126	-23	6	83	141	10	0490	-24	0	85	161	12	0899	-18	0	88	166	14
08	1007	-24	3	62	292	03	0135	-24	5	61	283	04	0510	-24	9	60	295	06	0905	-18	0	65	230	07
09	1008	-19	7	76	090	06	0145	-19	3	76	102	06	0535	-17	6	75	120	05	0940	-08	9	82	107	05
10	1008	-18	5	81	338	06	0142	-18	9	80	334	07	0515	-18	2	76	316	07	0928	-17	3	77	299	06
11	1023	-30	7	74	360	09	0244	-25	7	79	013	14	0620	-19	8	76	026	12	1022	-20	1	73	027	07
12	1030	-28	0	82	135	03	0299	-24	7	80	162	04	0680	-20	7	75	176	03	1077	-18	8	66	177	02
13	1025	-28	5	70	045	02	0263	-23	8	67	053	03	0640	-21	1	64	085	03	1039	-19	8	63	148	02
14	1023	-26	1	54	090	03	0247	-20	8	56	078	03	0620	-21	2	62	068	04	1025	-21	7	68	040	03
15	1015	-27	2	71	248	05	0191	-27	7	69	255	07	0555	-23	8	73	277	12	0960	-19	7	79	278	15
16	1021	-38	8		360	06	0225	-32	8	76	002	10	0600	-25	2	71	006	12	0990	-24	5	62	006	12
17	1012	-33	9	72	135	07	0166	-29	9	71	190	07	0545	-22	5	64	295	12	0938	-20	2	53	294	17
18	1014	-26	5	67	090	02	0185	-21	3	57	086	03	0560	-21	0	51	078	05	0963	-21	0	34	069	07
19	1022	-29	7	69	135	07	0242	-20	2	65	129	05	0625	-17	5	34	109	04	1029	-16	8	A17	104	06
20	1027	-26	3	58	135	02	0277	-17	9	45	146	06	0660	-15	0	25	145	10	1074	-14	3	A16	137	13
21	1025	-23	4	64	112	12	0264	-18	2	57	138	15	0650	-14	1	37	152	18	1060	-14	0	30	148	14
22	1017	-22	6	69	112	13	0208	-19	9	65	129	15	0600	-17	1	57	157	17	1000	-15	2	A16	161	13
23	1005	-21	7	67	135	06	0123	-21	0	67	141	07	0500	-18	9	75	168	12	0910	-15	6	79	181	12
24	1002	-24	2	75	315	12	0100	-23	7	75	317	13	0480	-21	2	78	334	15	0878	-21	2	80	339	15
25	1010	-33	3	81	360	05	0158	-28	4	79	357	07	0530	-20	6	74	359	08	0937	-21	2	73	006	08
26	1011	-25	1	83	135	04	0166	-22	0	82	129	04	0550	-15	8	78	123	04	0960	-15	3	69	134	03
27	1006	-20	5	79	112	07	0131	-19	0	72	120	07	0510	-14	8	48	144	07	0929	-15	2	38	129	06
28	1004	-20	1	73	112	08	0111	-20	0	72	119	08	0495	-15	0	62	136	06	0904	-15	1	49	124	06
MN	1014	-28	2	71	*		181	-24	6	69	*		555	-21	8	64	*		956	-20	0	60	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1318	-28	7	67	079	07	1754	-27	8	73	081	10	2225	-27	4	64	070	12	2713	-29	4	38	058	13
02	1397	-27	9	65	340	07	1833	-28	9	66	344	07	2300	-30	3	66	349	08	2782	-32	1	66	354	08
03	1364	-29	7	79	011	03	1797	-29	8	76	042	03	2265	-31	4	74	044	03	2745	-32	4	70	041	03
04	1269	-29	7	76	111	02	1704	-29	1	72	080	01	2170	-30	1	66	046	02	2653	-32	0	55	020	01
05	1198	-28	8	69	218	06	1632	-29	3	70	216	06	2090	-30	5	62	228	05	2581	-32	4	56	239	05
06	1324	-24	6	43	174	08	1765	-26	1	38	172	09	2240	-27	8	32	174	10	2726	-28	7	29	174	10
07	1328	-15	2	90	169	15	1787	-16	0	89	177	19	2265	-17	0	88	186	23	2787	-20	1	88	197	21
08	1344	-07	3	76	221	13	1820	-06	1	82	212	19	2320	-09	2	86	228	22	2854	-12	5	90	228	26
09	1386	-03	8	90	146	07	1867	-03	5	83	213	06	2375	-07	3	82	232	08	2912	-06	9	71	218	11
10	1364	-07	7	91	299	07	1840	-07	0	89	296	07	2340	-09	0	85	288	08	2874	-11	1	81	268	09
11	1444	-20	5	70	023	10	1894	-19	7	41	017	11	2370	-20	4	29	003	07	2882	-21	9	A18	335	06
12	1500	-21	0	28	188	02	1948	-21	9	A18	220	02	2425	-22	7	A18	262	03	2926	-25	4	A18	266	04
13	1463	-18	9	A17	280	01	1914	-19	7	A17	297	04	2395	-21	1	A18	294	05	2897	-23	9	43	298	06
14	1445	-22	7	74	027	03	1889	-24	0	75	028	03	2360	-25	3	37	024	02	2858	-27	4	54	292	02
15	1381	-22	5	81	275	17	1825	-24	8	79	278	14	2295	-27	0	77	284	14	2786	-31	0	76	283	15
16	1407	-23	7	54	008	16	1880	-24	9	46	009	21	2315	-26	5	39	009	24	2815	-28	1	A19	-	
17	1362	-19	7	44	300	15	1813	-19	0	56	317	14	2300	-20	2	43	321	13	2801	-23	2	42	328	13
18	1386	-21	4	34	051	06	1833	-22	8	40	040	08	2305	-23	8	30	036	10	2806	-26	0	A19	029	15
19	1458	-17	4	A17	095	07	1911	-19	4	41	097	08	2390	-21	0	50	094	08	2896	-23	9	47	091	06
20	1507	-15	3	A16	139	15	1964	-17	8	A17	139	16	2440	-20	2	A17	139	14	2953	-22	9	A18	132	11
21	1492	-16	1	34	132	11	1947	-17	9	33	129	13	2430	-19	1	A17	134	11	2939	-21	9	A18	138	09
22	1432	-16	1	A17	157	11	1889	-17	0	A17	160	11	2370	-18	4	A17	172	10	2884	-21	2	A18	166	07
23	1346	-12	9	79	192	08	1806	-16	7	81	196	07	2300	-15	2	62	219	07	2811	-19	8	62	251	07
24	1304	-17	7	82	333	18	1757	-20	3	77	329	19	2235	-23	4	73	326	20	2756	-22	6	56	326	21
25	1359	-20	3	72	002	10	1810	-20	4	65	357	13	2280	-22	8	50	354	13	2789	-25	9	33	352	16
26	1390	-17	1	52	121	03	1844	-19	0	35	123	02	2320	-19	6	A17	341	02	2836	-19	7	A17	338	05
27	1360	-16	4	34	132	05	1817	-15	0	A16	160	03	2310	-15	9	A17	296	01	2823	-18	0	A17	320	02
28	1335	-14	6	26	128	03	1796	-14	0	A16	187	01	2290	-16	9	A17	184	01	2798	-20	1	27	142	02
MN	1981	-19	2	56	* 164	01	1832	-19	9	54	*		2311	-21	4	48	*		2817	-23	6	45	* 281	02

A — *Statistical Value for Relative Humidity*

* — *Vector Mean Wind*

– — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.

FEBRUARY 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3782	-35	3 71	024	18	5031	-43	1	030	22	6502	-52	8	028	17	8327	-58	0	020	18
02	3840	-37	2 44	024	12	5081	-44	2	023	15	6549	-52	9	028	23	8361	-60	6	029	17
03	3855	-37	2 68	018	08	5099	-42	9	018	13	6571	-52	7	025	17	8394	-58	7	017	21
04	3768	-38	1 42	054	04	5006	-44	3	033	07	6478	-51	4	087	08	8325	-56	8	081	07
05	3659	-38	6 69	341	04	4896	-42	9	066	06	6384	-48	6	099	12	8248	-53	8	114	09
06	3742	-35	3 52	250	11	4988	-43	3	240	16	6461	-52	2	233	12	8294	-56	4	207	11
07	3898	-30	5	204	11	5163	-41	3	200	13	6658	-48	9	230	23	8503	-55	9	233	25
08	3987	-18	8 80	231	21	5320	-28	6 60	232	27	6882	-38	1 47			8799	-53	0		
09	4044	-16	9 77	257	18	5403	-23	7 30	260	27	6993	-36	4 A21	262	35	8914	-53	6		
10	4090	-14	6 78	202	21	5453	-20	9 79	218	26	7062	-33	3 73	231	27	9015	-46	7	-	
11	4018	-21	5 84	255	09	5340	-30	6 71	245	07	6886	-42	2	224	10	8808	-45	2	233	20
12	4043	-29	6 31	310	06	5324	-37	0 53	290	07	6831	-47	8	279	07	8721	-46	0	276	16
13	4026	-30	9 A20	347	06	5292	-41	0	341	10	6775	-49	9	297	15	8655	-47	4	289	24
14	3989	-31	5 29	264	04	5254	-40	5	275	08	6741	-49	6	290	13	8623	-48	7	289	23
15	3928	-34	5 65	337	09	5184	-40	4	001	14	6680	-47	6	345	14	8568	-49	1	315	15
16	3838	-37	6 61	355	18	5078	-44	0	001	19	6556	-48	5	353	20	8464	-44	1	354	23
17	3943	-31	0 65	340	11	5211	-39	7	351	16	6711	-47	5	345	21	8561	-57	1	333	20
18	3906	-30	1 A20	358	15	5182	-37	9 A22	355	13	6686	-47	9	344	17	8557	-53	5	329	18
19	3961	-30	3 A20	043	11	5237	-38	3 A22	028	14	6738	-48	4	018	15	8605	-53	1	345	13
20	4033	-30	6 A20	068	03	5308	-37	6 A22	357	06	6812	-46	9	336	13	8681	-54	3	332	22
21	4073	-30	1 A20	132	10	5353	-36	4 A21	031	09	6893	-41	9	358	15	8784	-55	4	320	19
22	4017	-29	6 A20	185	10	5303	-34	9 A21	208	03	6827	-45	1	234	07	8690	-58	9	252	13
23	3967	-26	9 43	234	06	5258	-35	0 A21	209	08	6788	-43	6	283	09	8673	-52	9	291	11
24	3927	-24	7 80	249	18	5225	-36	1 75	241	22	6747	-44	8	252	23	8635	-50	9	264	25
25	3861	-32	0 A20			5133	-35	9 A21			6664	-42	8			8567	-49	9		
26	3967	-24	2 33	324	08	5271	-33	9 36	314	11	6799	-44	6	312	19	8688	-53	7	319	39
27	3980	-23	2 A18	320	11	5298	-30	4 48	318	18	6849	-40	9	316	21	8750	-54	0	312	21
28	3953	-24	0 67	330	03	5262	-32	7 76	328	06	6792	-45	6	323	05	8645	-61	4	303	06
MN	3932	-29	5 48	*		5213	-37	1 42	*312	06	6726	-46	2 47	*311	09	8602	-53	2	*313	12

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10890	-57	2	013	23	12710	-58	5	357	26	15258									
02	10888	-60	1	027	21	12687	-59	1	021	21	15239	-57	1	022	17	17536	-48	5	026	21
03	10950	-58	2	023	12	12756	-58	7	012	10	15300	-57	4	022	12	17579	-52	9	036	15
04	10899	-55	9	074	08	12727	-57	1	073	05	15296	-56	6	045	05	17570	-53	1	038	09
05	10852	-53	9	129	06	12690	-55	4	127	04	15268	-55	7	140	03	17562	-53	4	065	06
06	10887	-53	9	232	14	12727	-56	0	210	14	15310	-55	1	078	03	17614	-51	0	174	05
07	11102	-53	2	240	23	12950	-54	8	250	20	15558	-52	5	276	15	17899	-45	6		
08	11388	-54	2			13238	-52	9			15881	-49	5			18232	-46	9		
09	11540	-47	3			13433	-49	3			16093	-49	3			18433	-49	9		
10	11630	-51	8	-		13505	-49	4	-		16177	-49	5	-		18519	-48	9	-	
11	11522	-44	1	236	19	13463	-42	9	232	16	16151	-48	3	231	09	18506	-48	5	217	05
12	11441	-43	9	267	16	13377	-43	8	267	13	16087	-46	5	267	07	18452	-46	6	273	05
13	11364	-44	5	296	21	13291	-44	5	290	18	16001	-45	1	293	10	18364	-47	9	296	09
14	11317	-45	6	299	20	13251	-44	2	308	14	15956	-46	8	305	11	18318	-49	0	299	07
15	11269	-42	9	311	15	13198	-44	3	305	11	15898	-48	0	312	10	18246	-48	8	305	09
16	11201	-41	3	324	15	13140	-44	8	309	10	15848	-47	0	320	15	18207	-50	0	307	08
17	11200	-46	6	333	17	13116	-44	1	318	14	15816	-46	8	313	12	18164	-49	9	311	09
18	11221	-45	5	331	14	13138	-45	1	331	09	15828	-48	3	338	12	18170	-50	9	313	08
19	11255	-47	9	321	13	13151	-48	5	316	12	15817	-50	0	318	09	18148	-50	2	322	08
20	11301	-49	6	320	14	13189	-48	9	304	11	15844	-50	4	311	11	18157	-53	1	321	08
21	11366	-48	9	305	10	13253	-48	9	311	09	15915	-49	6	304	10	18242	-53	0	306	08
22	11291	-48	5	282	07	13190	-48	5	309	10	15863	-51	8	313	10	18145	-54	5	293	10
23	11316	-46	9	299	12	13217	-48	3	280	11	15863	-51	8	303	11	18168	-53	0	296	12
24	11294	-49	3	285	21	13194	-47	0	284	20	15861	-50	1	288	19	18170	-54	3	303	15
25	11244	-46	0			13153	-46	9			15827	-49	3			18154	-53	1		
26	11273	-53	3	322	30	13144	-51	6	309	22	15786	-50	7	310	23	18111	-51	9	309	21
27	11288	-56	6	315	21	13132	-52	3	313	22	15769	-51	3	312	25	18088	-52	0	314	19
28	11217																			
MN	11229	-49	9	*309	11	13112	-49	8	*302	10	15759	-50	6	*309	09	18106	-50	7		

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3800	-35	4 31	044	16	5049	-43	0	039	20	6523	-52	4	041	24	8341	-59	3	027	23
02	3860	-37	3 64	008	09	5099	-45	1	351	12	6558	-54	8	002	20	8380	-58	2	006	17
03	3819	-38	2 60	053	05	5060	-44	5	026	11	6526	-53	0	034	12	8354	-56	9	038	10
04	3729	-37	4 42	037	04	4971	-43	9	058	05	6450	-49	4	081	08	8304	-55	5	111	08
05	3653	-38	6 54	268	05	4889	-44	0	137	01	6373	-49	3	125	05	8227	-55	1	192	03
06	3819	-34	1 46	204	09	5075	-41	7	213	13	6554	-52	0	216	10	8390	-55	1	220	15
07	3921	-24	8 80	226	22	5229	-32	4 77	241	30	6771	-42	0	249	43	8653	-57	4		
08	4030	-15	8 88			5382	-23	3 83			6985	-32	8 74			8945	-48	5		
09	4092	-16	4 69	225	13	5443	-23	9 39	247	28	7032	-37	0 64	252	34	8952	-53	4	-	
10	4047	-16	1 66	272	14	5399	-24	9 57	252	18	6977	-38	4 61	245	19	8888	-53	5	249	15
11	4010	-26	8 42	332	06	5310	-34	0 62	288	06	6834	-45	8	255	05	8737	-45	1	260	19
12	4030	-31	6 A20	296	09	5299	-38	4 34	303	12	6799	-48	9	288	09	8678	-47	8	282	22
13	4006	-31	3 60	300	13	5273	-40	6	302	20	6767	-48	0	302	21	8643	-51	0	296	23
14	3958	-32	6 49	283	06	5216	-42	1	278	06	6701	-49	5	294	10	8580	-48	8	301	14
15	3869	-35	1 A21	267	16	5120	-43	4	271	17	6600	-47	9	287	15	8504	-45	7	303	16
16	3912	-32	9 A20	-		5174	-40	7	-		6666	-48	8	-		8531	-53	4	-	
17	3912	-30	6 37	336	13	5182	-40	2	338	15	6673	-48	8	331	22	8542	-52	1	932	20
18	3911	-30	4 A20	027	13	5183	-39	1 A22	022	14	6683	-48	2	010	14	8553	-51	6	001	14
19	4006	-30	7 39	045	05	5280	-38	5 A22	003	09	6783	-47	9	331	13	8646	-53	9	929	23
20	4068	-29	7 A20	084	04	5347	-37	6 A22	015	06	6861	-44	0	340	22	8758	-54	5	337	30
21	4057	-29	3 A19	137	09	5341	-33	5 A21	040	02	6888	-41	9	050	03	8767	-57	6	279	12
22	4007	-26	7 A19	161	11	5306	-32	8 35	242	04	6835	-46	0	238	08	8695	-58	6	249	11
23	3950	-23	9 A18	285	06	5256	-33	5 A21	274	09	6784	-45	3	256	08	8662	-52	2	265	12
24	3871	-23	7 A18			5182	-32	0 A20			6732	-40	0 A22			8640	-52	5		
25	3907	-25	2 A18	350	28	5218	-31	8 A20			6758	-43	1			8640	-56	0		
26	3968	-24	3 A18	327	10	5279	-31	1 A20	330	16	6835	-40	5	326	28	8735	-54	9	326	34
27	3965	-23	1 53	314	09	5279	-32	0 71	313	14	6816	-44	1	306	14	8684	-57	9	279	12
28	3925	-26	0 70	299	04	5224	-34	4 71	302	11	6745	-46	3	309	09	8592	-60	9	309	09
MN	3932	-28	9 41	*		5217	-36	5 41	*297	07	6732	-45	9 55	*302	09	8608	-53	8	*308	11

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	10887	-58	1	019	20	12698	-57	8	013	22	15262	-55	2	020	19	17554	-50	5	027	17
02	10931	-58	8	008	14	12731	-59	3	012	13	15277	-58	1	023	14	17555	-50	1	039	16
03	10920	-56	8	052	07	12740	-57	6	043	06	15293	-57	9	038	08	17566	-53	9	030	11
04	10900	-55	0	121	06	12730	-56	9	115	04	15302	-54	6	057	04	17597	-51	6	042	07
05	10827	-54	2	189	06	12662	-56	0	185	07	15251	-55	0	180	04	17549	-51	4	129	03
06	10990	-55	2	226	19	12823	-55	1	232	17	15426	-55	1	297	07	17740	-49	4	326	06
07	11213	-55	0			13053	-54	4			15664	-51	4							
08	11530	-55	4			13392	-51	5			16030	-51	5			18363	-48	3		
09	11557	-48	8	-		13448	-47	0	-		16112	-49	4	-		18456	-48	8	-	
10	11569	-45	1	244	24	13493	-46	0	242	18	16168	-48	0	295	06	18517	-47	9	220	07
11	11473	-43	8	264	14	13402	-44	4	253	15	16112	-46	6	247	07	18473	-47	6	263	05
12	11389	-43	0	285	19	13325	-44	0	283	14	16040	-47	1	298	08	18400	-47	9	276	09
13	11336	-44	1	297	19	13265	-44	0	298	14	15973	-46	2	298	15	18328	-49	0	298	10
14	11282	-44	5	309	18	13209	-45	3	307	15	15908	-46	5	314	11	18257	-49	1	308	09
15	11225	-42	8	311	19	13160	-43	9	310	12	15865	-47	9	324	12	18210	-49	6	308	07
16	11200	-44	9	-		13121	-44	5	-		15825	-46	0	-		18177	-50	6	-	
17	11194	-46	9	331	19	13106	-46	4	332	11	15807	-47	1	323	12	18148	-50	2	321	07
18	11218	-46	6	335	13	13124	-47	6	318	09	15795	-49	4	326	08	18126	-51	1	331	05
19	11280	-49	4	323	14	13170	-49	1	332	14	15830	-50	9	312	08	18152	-51	6	309	08
20	11354	-49	9	318	11	13240	-48	7	310	10	15895	-49	6	311	11	18217	-52	4	290	06
21	11350	-50	0	300	09	13244	-48	3	315	09	15907	-50	6	299	10	18213	-53	3	298	09
22	11327	-47	8	295	08	13229	-47	7	299	11	15885	-51	1	294	10	18188	-53	8	288	10
23	11307	-48	4	287	14	13200	-48	7	289	16	15856	-52	2	288	14	18163	-53	4	294	13
24	11263	-49	2			13158	-47	3			15817	-50	2			18132	-53	6		
25	11245	-50	7			13127	-49	7			15788	-49	9			18121	-51	9		
26	11286	-55	0	311	18	13142	-51	4	311	19	15788	-50	2	310	20	18117	-52	0	297	13
27	11222	-54	2	311	17	13075	-53	4	310	19	15697	-51	9	316	20	18007	-53	8	313	20
28	11170	-50	9	318	11	13043	-50	6	321	13	15684	-52	1	318	19	17991	-53	0	330	17
MN	11230	-50	2	*303	10	13111	-49	9	*301	10	15759	-50	8	*319	09	18086	-51	0		

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.
FEBRUARY 1963
STATION INSTRUMENTATION
USWB type radiosonde, Metox RDF tracking equipment

INDEX No. 74051 | LATITUDE 71°57'N | LONGITUDE 124°44'W | ELEVATION 84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01																				
02	19799	-39	8	035	20	23402	-32	7	060	19	26250	-31	0	051	32					
03	19794	-41	5	016	28	23310	-38	7	028	23	26607	-51	9							
04	19783	-44	3	017	16	23276	-39	8	037	27	26049	-40	3	035	20					
05	19776	-46	8	029	17	23269	-37	1	032	25										
06	19824	-45	4	018	11	23345	-32	0	046	20	26190	-36	8	030	21					
07																				
08	20463	-47	1			23831	-49	8			26481	-49	8							
09	20629	-50	2			23967	-50	4			26607	-51	9							
10	20722	-48	9	—		24096	-52	1	003	05	26689	-50	1	000	00					
11	20718	-50	0	221	02	24048	-50	8	102	03	26685	-52	0	034	07					
12	20672	-49	1	249	06	24006	-50	4	196	02	26639	-52	6	910	02					
13	20575	-49	6	296	06	23899	-52	3	296	04	26522	-52	4	263	01	30967	-56	8		
14	20531	-49	0	276	11	23851	-52	8	303	02	26457	-54	1	214	02					
15	20441	-52	2	312	09	23756	-53	7	319	09										
16	20399																			
17	20352	-51	7	318	09	23662	-53	1	326	07	26272	-54	5	320	07					
18	20359	-51	0	327	07	23665	-53	4	320	06	26266	-54	9	307	06	30666	-56	0		
19	20328	-53	1	319	09	23618	-54	9	349	07	26216	-56	6							
20	20329	-52	2	316	09	23609	-55	0	321	07	26194	-57	1	321	07					
21	20408	-54	1	307	05	23670	-55	1	321	08	26270	-55	1	344	06					
22	20308																			
23																				
24	20339	-52	9	304	10	23617	-54	3	297	18	26200	-58	3	283	12	30531	-62	9		
25	20397	-51	3			23629	-55	2												
26	20294	-53	3	316	24	23554	-57	6	316	14	26101	-59	7	316	15					
27	20270	-53	3	314	20	23544	-56	9	314	20	26088	-60	2	309	22					
28																				
MN	20310	-49	1	*		23663	-49	5	*		26343	-51	5	*		30721	-57	9	*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	ww	appp	Freezing Levels Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	10721	02	8 02	0					2	07	49	343	-57 5 293	0					7	13	87	129	008	30
02	10741	02	3 15	0					2	08	02	316	-60 5 295	6	27	40	017	-36 2 758	9	27	13	010	049	35
03	10731	02	8 02	0					2	07	69	335	-58 2 294	0					9	20	40	046	022	34
04	10940	02	8 15	0					2	08	37	298	-56 9 306	0					9	22	40	034	040	35
05	10941	02	7 19	0					1	07	79	321	-54 3 303	0					9	22	28	035	025	31
06	20940	36	2 22	0					1	07	69	330	-57 4 297	0					9	23	64	029	054	25
07	20856	37	8 10	0					2	07	75	336	-56 1 296	0					8	07	65	349	235	29
08	864—	37	5 05	0					1	09	51	267	-57 3 315	0					3	05	44	492	231	30
09	75500	02	2 06	0					2	09	24	284	-56 4 311	0					1	08	17	337	259	37
10	863—	71	8 11	0					1	10	77	228	-57 2 329	0					9	07	61	369	228	29
11	863—	71	2 15	0					1	07	78	349	-46 1 307	1	14	82	122	-48 2 410	9	09	93	259	235	21
12	60840	02	3 08	0					2	07	25	375	-51 4 294	0					9	09	35	279	266	21
13	10730	02	6 09	0					1	07	34	366	-51 6 298	0					9	09	32	271	287	26
14	20870	02	8 04	0					2	06	47	417	-49 5 287	0					9	08	74	295	291	24
15	10830	02	8 06	0					1	07	50	353	-50 4 300	0					9	10	40	227	310	19
16	25600	37	3 11	0					2	05	73	453	-47 7 283	6	18	40	068	-50 7 479	8	09	18	268	343	30
17	20830	02	8 15	0					1	08	19	318	-57 6 299	0					9	07	09	378	343	26
18	15600	02	2 03	0					2	08	41	306	-53 4 308	0					9	07	01	380	339	20
19	00901	02	1 15	0					2	07	28	368	-51 1 296	0					9	07	88	336	349	19
20	10930	02	0 03	0					1	08	81	293	-54 7 310	0					9	08	00	334	333	26
21	00901	02	4 00	0					1	09	58	263	-61 5 310	7	26	60	019	-56 6 671	9	08	20	329	325	20
22	10941	37	7 07	0					2	08	77	296	-59 5 303	2	15	09	112	-51 8 413	8	00	75	935	160	20
23	70850	36	7 16	0					2	07	81	342	-51 2 302	0					8	00	76	929	165	19
24	854—	71	7 02	0					2	07	51	356	-49 9 300	0					9	08	82	291	263	26
25	00900	02	2 09	0					1	08	18	318	-50 5 309	1	18	93	068	-53 8 479	1	02	81	696	321	28
26	10740	02	8 03	0					1	09	68	257	-57 3 318	0					9	10	32	232	317	39
27	10941	02	7 10	0					1	10	18	238	-64 0 315	0					9	09	69	258	312	31
28	20876	02	6 08	0					2	08	72	296	-62 0 299	0					1	10	78	214	289	15
MEAN										08	20	322	-55 0 303		20	11	068	-49 6 534					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	50 MBS Temp. °C	50 MBS R.H. %	50 MBS Wind deg.	50 MBS Wind mps.	30 MBS Altitude gpm.	30 MBS Temp. °C	30 MBS R.H. %	30 MBS Wind deg.	30 MBS Wind mps.	20 MBS Altitude gpm.	20 MBS Temp. °C	20 MBS R.H. %	20 MBS Wind deg.	20 MBS Wind mps.	10 MBS Altitude gpm.	10 MBS Temp. °C	10 MBS R.H. %	10 MBS Wind deg.	10 MBS Wind mps.
01	19792	-41	1	031	16	23410	-30	6	061	17	26307	-30	5	072	18					
02	19805	-35	5	021	21	23346	-38	3	043	26	26150	-36	2	035	48					
03	19776	-44	9	029	20	23296	-37	7	032	22	26060	-41	1	028	24					
04	19801	-43	5	021	22	23297	-37	4	034	28										
05	19760	-45	8	057	07	23256	-36	0	045	18	26081	-33	6	050	16					
06	19986	-40	0	349	15	23512	-40	0	340	20										
07																				
08	20566	-51	2			23892	-50	0												
09	20657	-50	3	258	15	23989	-51	0	040	06	26623	-51	9							
10	20726	-50	5	319	03	24060	-50	9	070	04	26696	-51	4	051	03					
11	20693	-48	9	224	03	24022	-51	4	143	04										
12	20609	-49	5	262	03															
13	20533	-49	8	298	04	23853	-52	2	298	04	26462	-54	7	299	01					
14	20456	-49	6	303	11															
15	20403	-51	9	317	10	23723	-52	1	326	10										
16	20357	-50	8	—		23664	-54	2	212	04	26265	-55	5	351	07					
17	20332	-52	3	329	08	23633	-53	9	353	08	26228	-57	0	359	06					
18	20300	-53	4	329	04															
19	20320	-52	9	302	06	23597	-54	6												
20	20384	-54	7	313	04	23649	-56	0	329	07										
21	20370	-54	4	322	09															
22	20343																			
23	20325	-54	4	293	13	23580	-55	1	296	15										
24	20293	-54	8			23565	-55	0			26145	-57	4							
25	20285	-54	3			23545	-56	5												
26	20285	-53	1	318	20	23554	-57	2												
27	20161																			
28	20140	-57	6	333	19	23359	-60	7	324	17	25865	-62	9	328	15					
MN	20276	-49	8	*	346	08	23610	-49	1	*		26262	-48	4	*					*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	Surface Synoptic Data $N_h C_L h C_M C_H$	ww	appp	Freezing Levels Lowest Code	Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Tropopause (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Tropopause (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A	Max. Wind Level Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	00901	02	2 22	0					1	07	77	327	-60 9 292	0					9	28	50	019	086	35
02	35601	03	0 00	0					2	07	10	368	-56 6 288	0					1	26	21	020	036	49
03	00901	76	8 16	0					2	07	65	334	-57 9 294	1	24	55	029	-41 8 664	1	28	44	014	044	41
04	00900	02	7 11	0					1	08	29	301	-55 6 307	0					9	22	86	032	027	29
05	00901	02	2 18	0					2	07	39	341	-54 1 298	0					9	21	78	037	042	19
06	00900	02	0 05	0					1	07	49	346	-56 9 293	6	24	00	028	-42 6 640	9	20	39	047	352	25
07	855—	71	2 06	0					1	09	11	278	-61 3 305	0					1	07	51	388	241	48
08	865—	02	1 06	0					1	10	25	245	-59 5 319	0					1	03	93	608	234	27
09	854—	02	7 08	0					1	09	50	274	-58 5 311	0					9	08	59	317	257	41
10	864—	36	2 18	0					1	08	80	304	-53 8 308	1	14	16	197	-48 6 396	9	11	18	212	242	25
11	85500	37	2 19	0					1	07	43	346	-48 9 299	0					9	09	07	289	263	21
12	20940	02	7 06	0					1	07	31	368	-52 8 293	1	16	45	094	-48 2 442	9	10	72	221	285	29
13	00900	02	7 06	0					2	07	98	332	-52 0 303	0					9	10	90	239	294	26
14	20940	02	7 04	0					2	06	98	384	-50 2 293	0					9	11	11	205	308	19
15	25501	71	7 24	0					1	06	28	420	-48 3 288	0					8	08	00	323	982	21
16	15600	02	2 11	0					2	07	17	370	-51 1 295	1	14	91	115	-47 7 418	9	02	67	715	009	25
17	10930	02	7 21	0					1	07	83	334	-52 5 302	6	26	29	020	-57 0 660	9	07	40	359	332	24
18	15600	02	2 10	0					2	07	64	345	-52 5 299	0					9	09	93	242	328	17
19	00901	36	2 11	0					2	08	03	329	-53 4 302	0					9	08	58	303	328	24
20	00900	02	1 04	0					2	09	19	280	-57 5 310	0					9	08	62	306	336	31
21	00900	37	7 06	0					2	09	29	275	-59 8 308	0					9	00	67	948	193	18
22	10940	38	7 15	0					2	08	64	301	-58 5 303	0					8	00	46	987	184	19
23	25470	02	7 06	0					1	08	24	320	-52 6 306	0					9	13	40	146	290	17
24	25500	37	2 22	0					2	09	09	279	-55 3 314	0					1	03	12	669	325	24
25	00900	10	1 07	0					1	08	66	299	-56 1 307	0					1	05	20	901	341	36
26	00900	02	8 07	0					2	09	78	254	-61 5 313	6	22	95	093	-57 4 571	9	09	71	256	326	36
27	00901	02	7 09	0					1	09	82	250	-64 0 311	0					8	14	01	129	324	22
28	00901	02	7 05	0					2	08	74	292	-61 8 301	2	23	79	028	-62 0 987	9	17	11	080	323	22
MEAN										08	27	318	-59 9 302		20	87	060	-50 7 547					

A *Statistical Value for Relative Humidity*
* *Vector Mean Wind*
\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

73700—12½

SACHS HARBOUR, N.W.T.

MARCH 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1003	-20	82	090	03	0105	-20	81	099	03	0490	-18	72	134	02	0892	-15	55	139	02
02	1000	-19	83	112	03	0081					0460	-18	76	192	05	0867	-17	82	202	05
03	1004	-26	73	248	06	0111	-26	72	252	07	0490	-24	65	277	14	0878	-23	52	283	18
04	1001	-33	63	270	05	0094	-33	64	271	06	0445	-35	66	286	10	0830	-32	72	294	12
05	1001	-33	90	135	03	0092	-32	88	142	03	0459	-32	66	272	06	0838	-30	69	270	06
06	1011	-36	98	315	02	0159	-35	56	314	03	0510	-30	54	317	04	0907	-26	56	340	03
07	1008	-28	69			0142	-28	67			0510	-25	57			0908	-24	49		
08	1006	-31	73	315	06	0127	-30	70	320	06	0500	-25	61	329	07	0891	-23	44	319	08
09	0997	-23	79	135	09	0060					0445	-19	71	170	11	0845	-14	78	208	08
10	1000	-34	72	022	11	0084	-34	72	022	11	0450	-26	63	005	13	0842	-24	50	324	07
11	1007	-34	71	022	08	0136	-34	69	026	08	0495	-28	46	034	06	0888	-28	41	018	04
12	1024	-34	61	360	02	0247	-34	58	321	04	0610	-31	64	305	04	0991	-30	69	310	04
13	1022	-35	60	045	03	0237	-34	62	358	03	0600	-30	65	339	03	0985	-28	69	351	03
14	1024	-34	72	022	02	0251	-32	71	322	03	0615	-28	69	301	04	1004	-28	73	304	04
15	1011	-31	66	135	07	0163	-30	67	141	08	0535	-27	64	199	14	0921	-24	52	210	10
16	1005	-29	69	158	09	0120	-29	69	162	10	0485	-27	68	207	12	0879	-24	52	228	10
17	0996	-29	75	180	09	0057					0430	-27	73	210	13	0816	-23	65	231	12
18	0989	-35	48	270	09	0003					0355	-37	54	277	10	0733	-35	66	286	14
19	1002	-34	41	315	04	0095	-34	42	315	04	0455	-32	48	320	06	0834	-33	53	326	07
20	1013	-37	9	360	07	0171	-33	6	354	06	0540	-28	58	349	06	0924	-27	53	356	09
21	1021	-32	55	135	06	0232	-30	55	143	05	0600	-27	50	169	02	0991	-26	49	233	01
22	1010	-28	53	112	07	0158	-28	57	116	07	0525	-23	52	144	05	0926	-24	47	136	06
23	1009	-27	76	135	08	0150	-27	65	132	08	0515	-23	41	117	07	0918	-23	50	110	06
24	1006	-25	69	135	04	0124	-25	67	140	04	0495	-25	63	161	06	0892	-22	67	158	05
25	1004	-23	68	060	02	0111	-23	68	056	02	0490	-20	72	062	03	0889	-20	76	054	03
26	1006	-30	67	045	06	0129	-27	61	036	06	0500	-23	60	009	04	0899	-21	94	001	04
27	0992	-31	73	022	11	0027					0410	-18	32	057	11	0805	-19	81	051	04
28	0999	-27	76	022	01	0078					0450	-29	45	310	06	0829	-32	86	306	08
29	1008	-34	62	360	05	0142	-32	60	004	04	0500	-31	54	024	01	0890	-29	52	030	06
30	1010	-28	70	135	08	0157	-28	69	162	09	0515	-30	65	256	11	0907	-30	70	269	12
31	1007	-27	76	292	08	0134	-28	70	295	09	0500	-30	66	312	12	0891	-29	74	319	16
MN	1006	-30	68	*		128	-30	66	*		496	-27	61	*		887	-25	58	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1324	-14	34	170	02	1784	-14	25	228	02	2280	-16	56	302	03	2788	-18	60	339	06
02	1298	-15	84	206	06	1756	-16	85	252	06	2245	-15	65	284	12	2760	-19	52	266	11
03	1296	-24	48	288	19	1737	-26	53	-		2210	-28	52	-		2696	-29	57	-	
04	1294	-31	73	294	13	1665	-31	6	294	293	15	2125	-32	8	39	299	14	2605	-34	0	A21	300	13
05	1243	-31	69	268	07	1671	-34	3	70	266	09	2120	-36	6	71	270	10	2598	-37	2	72	271	10
06	1318	-29	58	348	05	1751	-30	2	57	340	06	2210	-30	7	54	329	09	2699	-31	1	49	326	10
07	1326	-23	41			1772	-22	1	33			2250	-22	9	52			2751	-24	5	A18		
08	1310	-22	38	307	12	1757	-22	2	33	304	12	2235	-23	5	28	296	14	2732	-25	8	33	294	17
09	1276	-17	83	228	07	1728	-20	8	89	236	10	2220	-17	9	82	246	13	2723	-20	3	83	270	18
10	1259	-23	38	303	10	1705	-21	3	28	294	17	2190	-22	3	46	283	20	2687	-22	8	65	286	24
11	1299	-27	35	351	05	1738	-26	5	30	315	06	2210	-28	0	40	305	05	2698	-27	8	54	299	11
12	1398	-30	73	310	03	1829	-31	0	75	311	02	2285	-32	1	76	325	02	2771	-33	2	77	328	02
13	1394	-28	70	007	03	1828	-30	1	67	016	03	2290	-31	4	64	028	04	2772	-33	9	57	028	03
14	1415	-28	76	307	04	1850	-29	3	74	309	03	2305	-31	2	72	308	03	2796	-33	6	69	313	04
15	1357	-24	9	42	236	06	1778	-26	4	36	231	05	2250	-28	1	32	242	04	2735	-30	5	91	249	05
16	1296	-24	3	36	238	09	1738	-25	6	34	237	08	2210	-27	6	35	299	08	2699	-30	2	44	245	07
17	1234	-23	5	67	242	12	1678	-22	7	73	249	11	2150	-25	2	73	254	11	2647	-27	8	72	260	12
18	1132	-35	3	70	297	16	1553	-37	4	73	294	15	2010	-35	3	62	290	20	2482	-34	3	36	288	25
19	1295	-33	5	59	323	12	1663	-31	8	67	327	17	2125	-31	3	61	330	23	2609	-31	9	49	322	25
20	1337	-26	3	47	356	11	1776	-27	1	41	349	12	2245	-28	6	37	352	15	2732	-30	6	33	351	15
21	1403	-27	0	47	316	01	1841	-27	8	44	321	03	2310	-28	6	41	318	07	2798	-29	9	37	320	09
22	1941	-25	0	54	127	05	1782	-25	8	61	146	04	2250	-27	0	70	230	01	2744	-29	5	74	302	01
23	1335	-25	0	28	109	04	1777	-25	0	28	071	03	2250	-26	0	A19	980	05	2743	-27	3	A19	341	04
24	1311	-22	9	65	170	04	1756	-24	0	65	228	03	2230	-26	0	66	285	05	2722	-27	8	69	269	07
25	1312	-21	6	79	011	03	1758	-22	9	80	333	02	2235	-24	4	80	328	03	2731	-26	6	79	316	04
26	1321	-20	7	A18	357	05	1769	-21	4	A18	354	06	2250	-21	9	A18	351	06	2751	-23	2	A18	338	06
27	1227	-22	9	48	038	07	1672	-23	4	58	034	06	2145	-23	4	50	343	05	2649	-23	4	A18	340	07
28	1232	-29	7	63	317	11	1669	-25	9	70	315	14	2160	-21	9	71	319	13	2651	-20	3	74	318	12
29	1301	-27	3	39	027	04	1738	-27	5	A19	030	04	2210	-27	7	A19	040	05	2699	-28	3	A19	025	06
30	1317	-25	7	76	274	12	1761	-24	0	80	276	14	2245	-20	8	77	296	15	2746	-21	3	45	316	14
31	1312	-20	0	81	322	19	1763	-20	0	81	323	19	2248	-21	1	79	323	19	2747	-24	1	77	322	19
MN	1302	-25	56	*	304	05	1743	-25	55	*			2216	-26	54	*			2708	-27	51	*	309	09

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1000	-19	63	112	03	0082					0465	-18	60	138	03	0871	-14	45	154	03
02	1001	-22	81	292	10	0091	-22	81	293	10	0475	-20	77	298	10	0870	-19	76	294	10
03	1000	-27	54	270	05	0084	-27	54	270	05	0450	-28	67	281	09	0845	-28	72	273	13
04	1003	-35	60	180	02	0102	-35	62	180	02	0460	-31	69	296	07	0846	-29	69	310	10
05	1007	-37	8	315	05	0131	-37	1	315	06	0490	-33	70	329	10	0872	-30	69	324	09
06	1012	-39	6	045	05	0165	-34	0	-		0540	-27	62	-		0922	-26	58	-	
07	1004	-25	73	160	08	0113	-25	73	150	08	0490	-23	95	180	12	0883	-21	64	190	12
08	1006	-32	73	135	03	0126	-30	68	137	09	0495	-24	49	197	02	0896	-22	49	259	04
09	0990	-23	87	045	03	0009					0390	-20	75	298	03	0790	-14	77	282	05
10	1001	-33	62	045	11	0091	-33	61	045	11	0450	-26	44	062	06	0847	-25	47	030	02
11	1018	-39	9	360	04	0209	-34	61	357	05	0575	-30	65	355	05	0957	-30	66	353	06
12	1024	-36	70	022	02	0246	-34	67	333	03	0600	-31	62	337	04	0991	-30	67	354	03
13	1022	-36	58	045	05	0234	-32	62	005	04	0600	-29	68	340	03	0986	-27	73	344	03
14	1020	-36	82	135	04	0220	-33	79	185	05	0580	-29	72	233	05	0973	-28	68	239	06
15	1007	-33	72	135	08	0136	-32	72	144	08	0500	-27	72	191	09	0893	-26	63	215	06
16	1003	-31	66	180	06	0105	-31	66	180	06	0460	-29	68	215	08	0856	-28	74	240	08
17	0983	-29	70	248	08	-037					0325	-26	78	254	09	0723	-28	78	253	13
18	0994	-37	70	292	08	0041					0390	-35	62	310	14	0773	-34	67	317	17
19	1008	-38	5	315	05	0141	-36	7	315	05	0505	-30	56	324	09	0889	-28	62	330	11
20	1019	-37	8	068	06	0219	-31	1	67	-	0590	-30	0	63	-	0971	-26	77	93	-
21	1015	-31	7	135	06	0191	-28	7	40	143	09	0555	-25	0	34	151	11	0955	-24	6	31	146	08
22	1008	-31	6	58	090	09	0143	-29	7	59	093	08	0515	-23	9	55	120	05	0910	-23	3	47	097	04
23	1010	-30	1	61	112	04	0155	-27	8	58	120	04	0525	-23	0	35	148	04	0926	-23	2	A18	144	03
24	1003	-28	2	76	112	06	0103	-27	5	74	118	06	0475	-22	6	71	152	04	0875	-20	4	76	207	03
25	1008	-29	9	75	020	09	0143	-28	1	77	018	09	0505	-22	9	75	005	08	0912	-22	2	76	005	08
26	0995	-27	7	76	112	06	0047					0415	-22	2	41	098	05	0817	-20	8	A18	091	04
27	0996	-29	7	61	360	05	0052					0420	-31	1	64	334	09	0801	-28	3	71	330	11
28	1003	-29	7	75	090	04	0105	-29	7	71	-		0460	-31	1	51	-	0852	-32	9	96	-	
29	1013	-36	8		360	01	0171	-34	4		354	02	0530	-30	7	41	343	04	0917	-29	4	44	332	05
30	1008	-29	5	62	270	06	0137	-29	2	58	273	06	0495	-30	4	60	290	08	0889	-27	6	67	311	10
31	1007	-31	4	81	090	02	0134	-30	9	78	150	02	0505	-29	4	72	309	05	0899	-20	8	76	318	08
MN	1006	-31	8	70	*		125	-31	1	66	*		491	-27	1	61	*		884	-25	7	61	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	1305	-14	29	182	02	1766	-15	44	240	02	2295	-18	79	289	05	2767	-18	73	304	07
02	1293	-20	64	296	11	1742	-21	50	292	12	2215	-22	36	273	11	2722	-24	48	258	13
03	1252	-29	78	270	13	1683	-31	80	267	14	2145	-33	79	268	15	2621	-34	65	272	18
04	1257	-27	57	309	10	1695	-27	39	300	10	2160	-29	A19	289	13	2648	-31	A20	278	13
05	1277	-30	70	329	10	1709	-30	66	331	10	2175	-31	59	325	11	2654	-32	52	320	12
06	1335	-26	53	-		1773	-26	48	-		2245	-27	42	308	08	2734	-28	39	321	09
07	1305	-19	72	216	09	1757	-18	81	250	09	2250	-20	86	259	10	2746	-23	84	266	16
08	1317	-21	54	270	06	1765	-22	47	277	07	2240	-23	36	279	09	2742	-25	30	274	11
09	1221	-15	85	262	07	1684	-19	55	262	13	2180	-15	84	271	17	2691	-18	83	276	19
10	1262	-25	57	304	02	1703	-24	65	290	05	2185	-24	71	274	11	2677	-23	76	265	19
11	1364	-29	63	341	06	1799	-28	59	324	05	2260	-29	58	320	06	2751	-30	57	303	06
12	1398	-30	70	009	03	1830	-31	73	015	04	2280	-32	71	038	05	2771	-34	66	050	06
13	1397	-27	74	350	04	1833	-29	70	353	03	2295	-31	70	360	03	2780	-33	67	352	03
14	1984	-27	64	249	06	1819	-29	60	267	04	2275	-30	96	275	04	2766	-33	91	289	04
15	1906	-26	65	218	05	1744	-27	38	210	05	2210	-28	58	214	05	2700	-31	A20	228	05
16	1268	-24	0	262	08	1712	-24	75	277	07	2190	-26	69	286	07	2675	-29	65	292	08
17	1133	-27	9	80	250	18	1570	-27	50	251	19	2030	-28	A19	250	22	2526	-30	A20	248	26
18	1173	-34	5	72	916	19	1599	-33	6	74	919	22	2050	-32	4	70	320	24	2539	-34	4	61		
19	1299	-28	9	62	334	17	1732	-29	2	68	342	17	2200	-29	9	67	344	17	2682	-32	3	61	345	18
20	1384	-26	7	47	-		1822	-27	4	42	382	11	2290	-28	2	37	347	10	2780	-29	9	94	348	14
21	1371	-25	6	30	144	06	1811	-26	1	38	201	02	2280	-27	5	45	276	02	2771	-29	7	31	279	04
22	1328	-24	1	43	093	04	1770	-25	3	41	064	03	2245	-26	7	38	009	02	2733	-29	0	36	335	04
23	1344	-23	2	A18	133	03	1788	-23	9	A18	118	01	2260	-25	1	A18	357	01	2758	-26	4	A19	296	01
24	1298	-21	5	72	257	04	1744	-23	6	65	269	05	2220	-23	7	31	271	06	2717	-26	8	38	273	06
25	1392	-21	9	48	004	08	1779	-23	2	37	002	08	2260	-25	3	55	012	08	2749	-27	8	49	022	08
26	1240	-20	1	A17	059	02	1691	-20	2	A17	016	02	2175	-21	4	A18	357	03	2675	-29	0	A18	319	03
27	1211	-28	4	80	327	14	1652	-21	3	85	325	17	2145	-19	1	88	335	15	2643	-19	9	61	331	11
28	1255	-31	5	62	-		1687	-29	8	69	-		2160	-25	4	78	-		2654	-21	6	77	-	
29	1328	-25	7	30	316	06	1769	-25	0	A18	307	05	2240	-24	9	A18	309	05	2739	-25	9	A19	325	06
30	1307	-21	1	74	323	14	1759	-18	6	79	330	15	2250	-20	8	79	331	13	2746	-24	2	80	324	14
31	1323	-19	4	78	323	09	1774	-20	0	78	321	08	2255	-21	3	77	320	09	2757	-24	0	69	326	08
MN	1299	-25	59	*	302	05	1741	-25	57	*			2214	-26	55	*			2707	-27	51	*	297	08

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.

MARCH 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No. 74051 | LATITUDE 71°57'N | LONGITUDE 124°44'W | ELEVATION 84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3919	-26 6	74	328	08	5208	-36 6	66	340	11	6720	-46 9		334	14	8569	-60 0		324	11
02	3885	-28 9	77	279	15	5163	-37 2	64	288	15	6670	-48 1		294	17	8520	-57 9		286	17
03	3787	-33 1	36	-		5046	-42 0		-		6523	-52 6		-		8375	-51 9		-	
04	3677	-37 9	A22	301	12	4916	-43 8		297	15	6414	-45 0		296	31	8326	-46 6		-	
05	3653	-41 2		264	13	4885	-42 9		273	17	6388	-43 5		277	19	8322	-43 8		286	17
06	3784	-34 8	99	322	15	5042	-41 3		310	20	6527	-49 5		306	25	8398	-51 1		310	25
07	3860	-30 6	A20			5134	-39 6	57			6624	-50 6				8466	-53 5			
08	3835	-32 4	93	291	21	5100	-39 9	A22	292	26	6597	-48 9		-		8466	-53 1		-	
09	3848	-26 3	86	286	23	5142	-36 1	71	286	25	6649	-49 1		288	29	8495	-56 3		292	33
10	3809	-28 2	70	278	29	5093	-37 1	63	278	27	6601	-47 6		276	27	8452	-55 6		277	29
11	3798	-32 1	A20	287	20	5067	-39 3	A22	283	27	6567	-47 2		278	30	8427	-54 4		-	
12	3846	-37 2	76	297	04	5089	-43 9		280	07	6558	-53 1		263	07	8389	-54 3		275	06
13	3839	-39 6	38	032	05	5068	-46 6		058	05	6524	-53 9		356	05	8354	-55 0		322	09
14	3864	-39 3	63	322	05	5093	-47 0		299	04	6544	-55 0		310	06	8365	-55 9		305	10
15	3816	-36 8	31	279	07	5057	-44 3		303	05	6519	-54 5		299	06	8353	-58 0		309	10
16	3782	-36 4	62	256	07	5024	-44 6		262	08	6491	-53 4		271	07	8314	-57 5		301	11
17	3741	-34 0	69	272	13	4995	-42 2		289	15	6472	-52 1		314	25	8297	-60 4		323	26
18	3553	-37 5	A22			4795	-43 2				6278	-48 3				8164	-49 1			
19	3684	-38 2	39	327	29	4921	-44 8				6395	-50 9				8262	-51 4			
20	3815	-36 6	31	349	21	5056	-44 8		356	23	6519	-52 0		347	27	8362	-55 9		-	
21	3886	-34 8	36	322	13	5143	-40 9		319	19	6639	-48 7		307	24	8477	-60 4		295	29
22	3830	-35 8	76	309	03	5079	-41 6		326	12	6569	-49 1		327	14	8425	-53 9		320	22
23	3846	-31 1	A20	328	08	5121	-37 6	A22	315	14	6629	-48 1		310	19	8480	-57 5		303	15
24	3819	-35 8	82	281	18	5073	-42 7		282	20	6557	-49 3		302	33	8407	-56 2		296	24
25	3833	-31 5	78	298	08	5102	-40 0	72	291	10	6597	-48 0		296	18	8462	-52 9		301	16
26	3870	-28 5	A19	335	05	5156	-36 2	A21	297	06	6678	-44 0		278	07	8567	-51 9		317	20
27	3771	-27 8	A19	351	05	5057	-36 2	A21	042	04	6573	-44 6		021	05	8455	-54 0		353	08
28	3785	-25 2	76	923	10	5089	-33 5	71	333	10	6617	-44 9		334	14	8493	-54 3		345	11
29	3801	-31 8	A20	007	08	5071	-38 7	A22	353	10	6575	-47 2		308	19	8447	-51 3		308	14
30	3866	-29 2	53	325	15	5142	-39 0	48	318	16	6633	-50 8		317	19	8480	-52 9		327	17
31	3856	-31 2	73	323	15	5125	-39 6	67	328	16	6620	-49 4		320	14	8481	-52 8		328	22
MN	3809	-33 2	49	*		5066	-40 7	47	*303	13	6557	-49 2		*303	16	8414	-54 2		*309	17

CONSTANT PRESSURE DATA — 00 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11162	-50 3		317	10	13041	-48 9		328	11	15691	-51 8		325	15	18002	-53 0		329	20
02	11121	-50 6		320	09	13009	-48 6		329	09	15661	-51 1		337	17	17971	-53 2		330	19
03	11055	-47 2		282	09	12958	-47 2		326	07	15632	-49 4		314	17	17951	-52 6		322	09
04	11012	-47 4		-		12909	-49 0		-		15564	-49 9		-		17884	-52 1		316	14
05	11043	-44 6		290	21	12962	-46 3		283	14	15642	-48 8		295	18	17979	-49 9		297	12
06	11081	-45 6		306	20	12985	-47 6		310	18	15648	-50 4		310	11	17964	-52 0		315	16
07	11110	-48 9				13006	-48 5				15658	-51 4				17966	-52 7			
08	11118	-48 1		-		13016	-47 7		-		15680	-50 1		-		18007	-51 1		309	14
09	11115	-49 4				13005	-48 5				15661									
10	11073	-48 9		282	20	12969	-48 0		291	19	15622	-49 6		302	15					
11	11066	-48 7		-		12963	-47 2		-		15640	-48 0		304	13	17976	-50 4		316	15
12	11041	-48 3		295	10	12940	-47 3		294	10	15618	-48 0		304	11	17959	-50 2		325	12
13	11000	-48 3		303	12	12898	-48 0		309	12	15575	-48 1		295	11	17932	-49 1		311	13
14	10981	-49 8		300	13	12869	-48 8		294	12	15540	-49 1		280	14	17903	-47 3		287	17
15	10940	-51 7		312	15	12808	-51 0		293	14	15436	-51 3		290	22	17769	-48 8		290	30
16	10915	-53 6		300	14	12763	-54 8		302	17	15341	-56 3		291	19					
17	10880	-53 8		300	21	12730	-54 2		290	17	15315	-55 6		290	27	17579	-58 2		287	28
18	10821	-51 2				12677	-54 4				15267	-55 4				17547	-55 3			
19	10902	-51 2				12768	-53 0				15360	-55 9				17627	-56 7			
20	10970	-52 6		332	25	12823	-53 7		319	17	15409	-57 1		288	16	17652	-60 1		255	18
21	11044	-54 4		315	19	12892	-53 8		308	20	15487	-56 0		288	16	17742	-58 8		292	20
22	11059	-51 5		313	20	12927	-51 4		296	18	15550	-54 1		291	16	17821	-56 0		296	14
23	11093	-50 1		282	15	12967	-51 4		286	14	15590	-53 4		275	14	17878	-55 2		285	09
24	11030	-50 4		289	13	12901	-51 8		292	13	15522	-53 0		277	11	17815	-55 1		285	13
25	11121	-47 7		300	14	13018	-48 7		311	13	15671	-51 9		317	17	17980	-52 5		324	08
26	11199	-52 1		321	21	13067	-52 6		321	19	15683	-52 1		313	14	17982	-55 2		301	09
27	11094	-50 3		329	10	12972	-51 2		315	08	15596	-51 8		306	06	17889	-54 8		012	06
28	11128	-50 0		323	07	13013	-50 3		328	07	15651	-51 5		324	04	17951	-54 8		348	05
29	11111	-48 7		321	21	13002	-48 9		319	08	15649	-51 9		332	10	17954	-52 8		330	09
30	11118	-50 1		321	11	12998	-50 0		318	06	15635	-51 9		325	11	17945	-52 6		329	13
31	11127	-49 5		332	19	13012	-48 4		323	08	15662	-49 7		330	14	17987	-53 1		328	18
MN	11049	-49 8		*307	15	12931	-50 0		*308	13	15970	-51 8		*304	14	17879	-53 3		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	3901	-26 9	72	301	11	5190	-36 1	71	290	12	6699	-48 1		292	12	8546	-58 3		306	14
02	3827	-31 8	71	252	12	5094	-39 0	48	246	17	6594	-48 5		246	18	8451	-54 4		259	14
03	3693	-37 4	A22	275	26	4935	-42 7		-		6421	-48 4		-		8325	-45 6		-	
04	3730	-34 8	A21	274	27	4994	-38 0	A22	278	38	6505	-45 8		307	30	8383	-52 6			
05	3734	-36 3	40	309	15	4984	-41 5		311	23	6475	-49 8		307	30	8346	-50 2		-	
06	3825	-34 5	38	320	14	5082	-41 0		320	19	6575	-48 5		316	27	8434	-54 4		310	28
07	3855	-31 5	80	266	23	5119	-40 9		269	23	6608	-49 8		270	27	8457	-54 0		282	18
08	3845	-31 8	A20	290	19	5114	-39 0	A22	293	27	6614	-48 3		299	37	8469	-57 0			
09	3824	-26 4	80	275	24	5113	-37 1	71	274	27	6620	-47 6		278	25	8478	-56 6		-	
10	3794	-29 8	76	272	22	5070	-38 9	71	265	21	6568	-48 1		270	25	8430	-54 1		284	24
11	3835	-35 6	48	294	10	5093	-41 5		290	20	6577	-49 6		276	22	8418	-58 7		277	22
12	3840	-38 8	60	029	06	5075	-45 4		358	05	6536	-53 7		355	05	8368	-54 1		332	07
13	3851	-38 9	61	358	04	5083	-45 6		013	02	6544	-53 7		343	02	8373	-53 5		311	11
14	3836	-38 9	42	334	07	5067	-46 7		354	11	6519	-54 8		360	13	8328	-59 6		327	11
15	3780	-37 0	39	254	05	5021	-45 0		286	03	6477	-55 6		294	05	8290	-58 4		329	10
16	3761	-36 1	61	296	10	5005	-44 4		307	12	6466	-53 9		288	13	8295	-57 2		300	16
17	3611	-35 3	A21	250	29	4858	-44 0				6330	-51 3				8183	-54 2			
18	3606	-38 9	40			4847	-42 7				6333	-48 7				8212	-49 6			
19	3754	-38 8	43	351	22	4985	-46 2		347	27	6446	-52 7				8288	-54 8			
20	3864	-36 1	A21	345	19	5112	-42 7		346	25	6591	-50 8		339	33	8428	-58 4		-	
21	3857	-36 0	55	280	06	5103	-44 0		279	07	6574	-52 2		344	02	8415	-53 9		312	12
22	3826	-32 7	A20	337	09	5095	-38 8	A22	323	12	6601	-44 4		321	19	8479	-56 1		313	21
23	3862	-32 0	A20	283	07	5133	-38 5	53	283	13	6632	-49 5		278	15	8469	-58 3		282	14
24	3818	-31 9	65	278	10	5082	-40 8		277	13	6567	-51 0		280	17	8421	-52 8		293	15
25	3842	-33 9	A21	014	09	5101	-42 2		036	06	6588	-48 4		035	06	8476	-48 7		347	12
26	3795	-28 1	A19	303	03	5080	-36 2	A21	314	05	6606	-43 1		303	14	8496	-53 6		310	12
27	3778	-24 4	44	960	08	5082	-33 3	43	001	06	6613	-44 1		047	06	8486	-56 2		025	06
28	3778	-26 7	60	322	10	5072	-35 3	65	309	12	6590	-46 3		308	14	8454	-54 9		300	12
29	3843	-31 8	A20	342	11	5112	-39 9	34	344	13	6603	-49 8		344	17	8455	-53 4		337	14
30	3856	-30 7	74	914	13	5128	-39 3	60	306	13	6624	-49 2		302	12	8491	-55 2		319	11
31	3868	-30 2	31	929	10	5149	-35 9	A21	333	25	6667	-46 2		333	29	8524	-57 0		333	36
MN	3803	-33 4	45	*		5064	-40 7	45	*303	13	6554	-49 4		*302	15	8409	-54 8		*303	14

CONSTANT PRESSURE DATA — 12 GMT.

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	11140	-50 3		319	11	13022	-49 9		329	10	15671	-51 6		331	13	17980	-54 0		341	14
02	11088	-48 2		295	10	12990	-47 1		304	11	15695	-51 0		334	14					
03	11033	-45 3		-		12947	-46 5		-		15623	-49 9		309	14	17944	-52 3		348	14
04	11047	-47 1				12952	-48 1				15604	-50 3				17934	-51 2			
05	11023	-46 9		-		12926	-47 7		-		15588	-50 0		-		17912	-53 2		313	17
06	11095	-46 0		306	21	13005	-45 9		305	14	15673	-51 3		311	14					
07	11099	-49 2		292	15	12988	-49 8		320	11	15637	-50 1		305	16	17948	-54 0		302	10
08	11099	-48 9				12989	-49 8				15634	-50 4				17955	-53 8			
09	11079	-49 6		-		12960	-48 6		292	23	15620	-50 2		298	22	17935	-53 0		304	15
10	11073	-48 6		280	23	12970	-46 6		290	26	15639	-49 3		301	17	17968	-50 9		323	10
11	11041	-49 4		284	12	12933	-48 6		291	13	15602	-49 0		311	11	17932	-51 1		318	14
12	11026	-48 0		305	08	12922	-48 0		314	09	15594	-48 2		315	11	17940	-49 4		314	10
13	11004	-48 3		301	12	12900	-48 2		296	11	15576	-47 4		286	12	17933	-47 9		299	16
14	10922	-52 2		302	13	12780	-52 9		294	14	15414	-49 0		270	17	17759	-49 0		269	19
15	10887	-53 1		320	14	12733	-54 5		309	17	15324	-55 7		291	22					
16	10884	-54 4		304	15	12726	-55 5		298	15	15295	-56 9		293	19					
17	10792	-51 6				12641	-55 0				15223	-57 1				17474	-58 3			
18	10866	-50 6				12731	-53 8				15324									
19	10899	-52 8				12752	-53 5				15335	-57 0				17581	-60 4			
20	11004	-55 0		-		12839	-55 6		-		15421	-57 8		-		17656	-60 1		292	14
21	11044	-51 8		300	15															
22	11081	-50 3		299	15	12952	-51 8		301	16	15565	-53 4		296	14					
23	11079	-50 6		286	15	12949	-52 4		284	14	15565	-52 7		289	14	17861	-54 5		270	11
24	11067	-49 3		296	13	12951	-50 6		292	13	15591	-50 9		294	09	17894	-54 0		307	11
25	11147	-48 6		334	17	13027	-50 7		322	16	15657	-51 8		300	15	17962	-55 5		325	14
26	11123	-50 8		314	14	12996														
27	11111	-50 0		341	06	12989	-50 5		328	07	15612	-53 1		351	07	17901	-56 0		336	07
28	11088	-49 8		322	07	12960	-51 6		322	09	15587	-52 5		348	08	17880	-55 5		335	07
29	11104	-48 8		326	11	12987	-50 4		322	12	15624	-52 8		331	09	17923	-54 9		332	12
30	11120	-50 4		318	14	12999	-49 5		324	11	15645	-51 7		326	12	17948	-52 8		334	09
31	11138	-50 3		-		13020	-49 4		-		15666	-51 7		-		17983	-52 2		-	
MN	11039	-49 9		*305	13	12918	-50 4		*307	13	15550	-51 9		*306	13	17878	-53 7		*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.
MARCH 1963

STATION INSTRUMENTATION
USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA 00 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	30 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	20 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	10 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20163	-54 8		338	16	23396	-59 7		332	17	25914	-61 5		332	14					
02	20135	-54 0		346	15	23366	-58 7		344	18										
03	20116	-54 7		328	12	23344	-57 7		354	14	25883	-62 0		347	07					
04	20045	-55 7		338	05	23260	-59 0		340	10										
05	20159	-54 7		302	12	23405	-57 0		330	11	25959	-60 3		346	07					
06	20131	-54 6		312	14	23373	-57 9		337	07										
07	20122	-56 0				23340	-60 1				25856	-61 9								
08	20170	-54 6		318	07	23408	-57 8		327	12										
09																				
10																				
11	20167	-51 4		324	14															
12	20154	-51 0		320	12	23453	-55 0		347	17	26021	-58 9		333	16					
13	20148	-47 6		296	11	23478	-51 6		312	12	26065	-59 5		310	13					
14	20124	-48 5		293	13	23465	-52 1		277	22	26067	-56 2		294	19					
15																				
16																				
17																				
18	19675	-58 1				22919	-54 7				25504	-57 1								
19	19758	-57 3				22986	-57 4				25540	-58 0								
20	19750																			
21	19845																			
22	19957	-57 9		283	13	23147	-60 3		293	18	25663	-63 5		302	18					
23																				
24	19953	-57 1		291	05	23169	-60 0		289	13										
25	20145	-55 2		294	09	23368	-60 3		297	07	25879	-62 5		266	11					
26	20118	-57 2		267	07	23331	-59 4		294	11	25861	-61 6		276	10					
27	20037	-56 1		341	14															
28	20095	-57 2		304	07	23321	-58 6		350	10	25867	-59 1		354	11					
29	20114	-54 5		339	09	23368	-57 5		336	16	25940	-55 8		353	13					
30	20107	-55 2		324	10	23364	-56 9		324	08	25925	-59 0		344	13					
31	20159	-53 9		335	18	23428	-56 9		333	19	25994	-57 4		342	15					
MN	20054	-54 7		*		23319	-57 6		*		25871	-59 6		*					*	

00 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data NhCLhCMCH	ww	appp	Code	Freezing Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Trop. (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Trop. (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	40870	02	8 09	0					2	08 49	304	-60 0	299	0					9	17 09	081	328	21
02	855--	71	1 01	0					2	08 18	316	-57 3	300	2	21 24	042	-57 6	535	9	07 00	381	296	20
03	00901	02	8 01	0					1	06 93	375	-55 7	288	1	14 28	123	-49 3	407	9	17 20	078	324	22
04	00900	02	1 03	0					1	04 83	506	-43 9	279	0					9	06 32	406	296	31
05	00908	02	5 04	0					2	04 31	544	-42 8	274	0					9	07 71	329	279	24
06	00900	02	2 09	0					1	06 81	383	-50 3	293	0					9	07 10	367	307	30
07	00901	02	7 11	0					1	07 74	335	-56 4	296	0					0				
08	00901	02	2 09	0					2	07 72	336	-52 5	301	2	19 10	059	-54 6	490	9	05 33	483	295	30
09	865--	36	7 34	0					1	07 97	326	-57 0	298	0					5	07 94	328	285	42
10	60840	38	2 33	0					1	07 98	323	-56 5	299	0					8	09 12	269	278	32
11	00900	36	2 28	0					1	08 07	316	-55 4	303	0					9	06 03	434	284	35
12	00901	02	1 08	0					2	07 26	359	-56 9	290	0					9	24 86	024	343	18
13	00900	02	7 05	0					2	07 20	359	-56 6	290	6	28 27	014	-65 4	704	1	29 00	012	329	19
14	00900	02	0 03	0					1	07 36	352	-58 5	289	0					1	26 81	018	295	24
15	00901	02	7 23	0					1	07 93	319	-59 9	295	0					8	17 50	073	284	30
16	10941	36	8 09	0					2	07 23	356	-57 2	290	2	13 34	137	-56 5	382	8	14 20	120	306	23
17	86400	03	7 27	0					2	07 98	315	-59 8	297	0					1	18 08	065	288	33
18	36400	36	2 17	0					1	07 03	356	-49 8	300	0					1	02 58	690	288	26
19	25500	02	2 16	0					1	06 80	375	-52 2	292	0					1	03 79	591	327	29
20	00900	02	2 13	0					2	06 82	382	-53 6	289	0					8	07 01	371	344	29
21	00901	02	8 03	0					2	08 48	300	-60 4	300	0					8	08 40	304	295	29
22	00901	36	7 15	0					2	07 37	353	-53 4	296	0					9	08 45	299	320	22
23	00900	02	8 01	0					1	08 54	297	-57 7	305	0					8	06 88	386	309	19
24	00901	02	7 17	0					2	08 14	312	-56 2	303	0					9	06 13	426	299	35
25	00901	02	2 08	0					1	07 96	323	-53 7	303	0					9	17 02	081	314	22
26	00900	02	7 17	0					2	07 52	352	-49 8	301	0					9	09 67	253	311	23
27	00900	37	0 01	0					1	08 55	294	-54 4	311	1	13 64	135	-53 4	389	9	00 58	928	031	13
28	45606	71	1 06	0					1	08 96	278	-55 8	313	0					9	07 62	342	338	16
29	00900	02	2 13	0					2	07 57	343	-52 3	300	0					9	06 55	402	309	19
30	25501	02	7 17	0					1	07 72	337	-56 2	296	0					9	06 35	418	317	19
31	25501	10	1 05	0					2	07 49	350	-53 1	297	1	17 90	071	-55 1	468	9	09 45	258	327	23
MEAN										07 51	348	-54 7	296		18 25	083	-55 7	482					

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	30 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	20 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	10 MBS Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20142	-54 9		342	14	23375														
02																				
03	20102	-54 8		321	18	23335														
04	20096	-55 8				23319	-60 0													
05	20069	-56 6		324	10	23285														
06																				
07	20098	-56 7		341	06	23313	-60 3		039	08										
08	20109	-56 8				23350														
09	20091	-55 8		313	13	23319														
10	20146	-53 6		313	28	23401														
11	20117	-52 8		320	16	23381	-57 8													
12	20138	-50 8		314	09	23449	-55 1		324	12										
13	20140	-50 1		301	11	23470	-52 8		289	17										
14	19969	-49 4		274	21	23287	-54 7		273	22										
15																				
16																				
17																				
18																				
19	19667	-60 0																		
20	19751	-61 1		285	20															
21																				
22																				
23	19998	-57 1		291	09															
24	20046	-55 6		314	09															
25	20101	-58 1		305	09															
26																				
27	20045	-56 0		350	10	23261														
28	20010	-58 7		001	10	23226	-60 0		346	11										
29	20059																			
30	20108	-55 4		007	10															
31	20149	-54 9		339	14	23383														
MN	20052	-55 5		*		23342	-57 2		*					*					*	

A Statistical Value for Relative Humidity
* Vector Mean Wind
\- Entered under Wind Direction indicates a Stratum of Missing Wind Data

12 GMT. SPECIAL AEROLOGICAL DATA

Day	Surface Synoptic Data NhCLhCMCH	ww	appp	Code	Freezing Lowest Alt. gpkm.	Lowest Pres mb.	Highest Alt. gpkm.	Highest Pres mb.	Trop. (1) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Trop. (2) Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Max. Wind Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.
01	856--	02	8 10	0					1	08 33	310	-58 4	300	0					9	07 92	331	302	17
02	26400	36	1 10	0					2	07 31	358	-53 5	295	0					8	07 28	360	244	21
03	20830	02	6 04	0					1	06 22	412	-48 7	289	0					9	04 59	527	276	29
04	00901	02	0 05	0					2	07 49	344	-51 5	301	0					1	05 04	496	279	39
05	00901	02	1 17	0					2	06 80	381	-51 3	293	0					9	06 19	418	305	30
06	00900	02	6 01	0					1	07 72	334	-54 5	299	0					8	07 78	332	314	35
07	8071-	71	8 02	0					1	07 98	323	-55 8	300	0					9	04 86	519	263	28
08	00901	02	8 10	0					1	08 34	305	-57 2	303	0					1	07 13	369	295	41
09	864--	71	2 02	0					2	08 86	282	-57 7	309	0					9	05 32	485	273	29
10	60771	37	5 01	0					2	07 99	322	-54 1	303	0					9	07 46	349	279	34
11	00901	02	2 25	0					2	08 07	316	-58 4	298	0					9	07 98	322	273	24
12	00902	02	8 03	0					2	06 98	373	-56 0	288	0					1	24 10	027	325	13
13	00901	02	2 06	0					2	07 28	356	-56 8	291	0					9	22 61	034	277	17
14	00900	02	7 17	0					2	07 41	347	-59 4	289	0					9	21 31	041	259	23
15	00901	02	8 08	0					2	06 72	385	-57 2	284	0					8	15 54	097	291	25
16	20871	01	8 10	0					1	07 25	353	-57 2	291	0					8	15 84	092	304	30
17	25501	36	6 04	0					2	07 00	361	-53 2	294	1	12 02	165	-55 4	364	2	03 56	605	249	29
18	16401	36	3 17	0					1	07 19	351	-51 1	299	0					1	02 25	729	319	25
19	00901	02	3 10	0					2	06 60	391	-53 2	288	0					1	05 02	497	347	27
20	00900	02	1 14	0					1	08 81	281	-59 3	307	0					9	07 31	358	342	38
21	10875	02	7 17	0					1	07 50	345	-56 5	293	0					6	10 51	217	306	22
22	00901	02	2 01	0					1	09 01	274	-59 4	309	0					8	08 81	284	314	23
23	10840	02	7 08	0					1	07 90	327	-58 5	296	0					9	10 72	211	281	18
24	60870	02	7 06	0					1	07 60	341	-54 3	298	0					9	06 97	377	284	18
25	10871	36	1 09	0					1	07 29	360	-50 0	299	0					9	09 86	243	330	17
26	00900	02	7 22	0					1	08 82	284	-54 8	313	0					6	07 77	335	310	24
27	55620	02	3 11	0					1	08 57	295	-56 7	307	0					9	01 57	809	326	17
28	856--	02	1 09	0					1	08 26	308	-55 7	305	0					9	07 76	334	297	15
29	10840	02	1 05	0					2	07 30	359	-53 9	294	0					8	07 76	334	340	19
30	20830	01	8 01	0					1	08 30	309	-56 9	303	0					9	09 58	253	317	16
31	00901	02	8 06	0					2	08 33	308	-56 7	303	0					9	08 11	320	330	38
MEAN										07 72	335	-55 4	298		12 02	165	-55 4	364					

SACHS HARBOUR, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1001	-26	72	135	09	0088	-26	72	136	09	0460	-20	75	187	03	0865	-19	75	227	04
02	1006	-26	67	360	09	0116	-25	67	355	09	0495	-19	68	318	08	0897	-21	71	306	06
03	1007	-25	75	270	07	0134	-25	73	273	08	0490	-29	68	284	11	0890	-26	74	294	10
04	0994	-23	76	135	09	0043					0420	-16	72	199	10	0828	-15	78	233	09
05	0998	-30	61	022	10	0067					0440	-27	66	029	10	0824	-24	44	018	08
06	1002	-26	67	200	02	0097	-26	64	200	02	0460	-26	96	216	02	0856	-25	A19	261	02
07	1001	-22	77	180	10	0089	-22	77	180	10	0465	-17	78	230	07	0875	-12	81	275	08
08	1006	-08	90	135	11	0130	-09	89	140	11	0520	-06	89	186	11	0955	-03	66	216	13
09	1001	-08	84	158	18	0089	-08	84	-		0490	-07	78	-		0913	-01	35	-	
10	0994	-13	78	135	18	0056					0430	-11	68	-		0852	-02	36	-	
11	1000	-08	77	158	04	0084	-08	77	158	04	0480	-07	63	162	08	0908	-06	40	147	08
12	1011	-12	75	360	02	0168	-11	75	356	03	0560	-07	80	360	05	0988	-05	84	342	05
13	1003	-10	83	112	08	0109	-10	85	114	09	0490	-12	79	136	10	0918	-06	84	141	12
14	1001	-11	73	180	09	0092	-11	75	184	03	0475	-14	77	252	04	0893	-12	78	226	04
15	1013	-10	79	090	05	0181	-11	81	091	05	0580	-09	83	080	03	0998	-03	66	050	02
16	1013	-06	78	120	05	0185	-07	74	123	06	0590	-00	53	129	06	1017	-01	54	130	06
17	1002	-06	78	135	22	0099	-06	77	-		0495	-03	47	-		0933	-00	37	-	
18	1006	-08	81	090	03	0133	-08	80	074	03	0525	-10	78	040	04	0946	-08	82	065	03
19	1018	-10	75	135	02	0218	-10	71	167	03	0615	-08	60	186	07	1035	-04	27	180	08
20	1019	-08	92	150	04	0227	-10	88	194	04	0620	-09	85	219	04	1042	-08	66	205	07
21	1015	-11	85	248	03	0196	-11	75	281	04	0590	-14	75	281	04	0996	-15	44	286	05
22	1012	-16	87	045	03	0171	-17	85	002	03	0558	-16	75	239	02	0962	-14	60	244	03
23	0999	-10	69	112	09	0072					0465	-10	65	110	10	0887	-06	35	111	06
24	0992	-10	91	135	12	0019					0415	-11	86	163	14	0827	-11	87	184	10
25	0999	-12	75	135	04	0074					0460	-16	78	164	03	0869	-15	79	000	00
26	1009	-16	83	045	04	0152	-15	74	049	04	0535	-15	63	079	03	0948	-15	64	067	04
27	1015	-14	73	045	06	0197	-15	68	042	07	0590	-12	53	057	06	1002	-11	41	054	06
28	1023	-13	83	045	03	0259	-10	51	056	02	0650	-09	68	040	03	1072	-09	70	026	05
29	1019	-07	79	112	07	0233	-06	71	129	09	0635	-03	50	138	07	1064	-04	42	141	07
30	1014	-08	71	135	14	0189	-08	62	135	14	0595	-03	39	137	12	1021	-02	84	130	05
MN	1006	-14	77	*		132	-13	74	*		520	-12	69	*		936	-10	60	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1289	-20	75	231	05	1738	-21	76	243	06	2220	-22	76	256	07	2718	-23	76	261	08
02	1318	-22	72	323	09	1764	-22	69	326	10	2240	-23	67	337	07	2739	-25	66	344	08
03	1306	-24	78	312	10	1753	-19	57	323	12	2230	-21	51	324	12	2737	-24	56	320	15
04	1259	-17	81	252	09	1713	-19	82	266	10	2200	-20	82	277	12	2701	-21	82	287	12
05	1240	-25	30	350	08	1683	-23	A18	334	13	2160	-23	A18	325	17	2658	-25	A19	318	18
06	1270	-26	A19	293	05	1711	-25	A18	311	10	2193	-23	93	319	12	2684	-25	47	321	16
07	1312	-12	67	302	10	1776	-13	49	313	13	2265	-15	32	313	14	2784	-18	37	307	17
08	1404	-06	89	65	231	11	1876	-07	38	244	10	2385	-06	2	56	266	06	2916	-09	6	36	276	07
09	1367	-03	A14	-			1849	-02	A14	-		2360	-05	A15	-			2896	-08	A15	-	
10	1308	-01	A14	-			1789	-04	A14	-		2300	-06	A15	-			2834	-07	A15	-	
11	1362	-00	21	134	08		1845	-02	A14	151	08	2355	-03	A14	166	10		2897	-07	30	170	12
12	1436	-04	32	315	06		1913	-06	39	312	06	2420	-08	35	301	06		2949	-11	56	268	07
13	1367	-05	70	138	13		1843	-06	92	138	13	2349	-07	85	140	16		2881	-10	96	142	17
14	1331	-11	75	214	04		1798	-10	38	218	04	2295	-12	33	228	06		2818	-15	28	255	04
15	1449	-09	60	060	02		1923	-08	93	054	02	2415	-10	49	032	02		2950	-12	37	057	01
16	1470	-04	58	127	06		1946	-08	64	130	06	2445	-12	69	127	07		2970	-14	0	39	118	09
17	1388	-02	32	-			1867	-04	88	25	-	2370	-06	A15	-			2910	-09	A15	-	
18	1388	-09	84	124	02		1857	-09	86	134	04	2350	-11	86	161	10		2881	-13	85	156	15
19	1485	-05	A15	174	07		1960	-07	A15	174	10	2458	-09	A15	177	09		2990	-12	A16	181	12
20	1485	-10	85	204	09		1949	-11	89	211	12	2445	-12	75	213	11		2968	-15	26	213	13
21	1427	-16	78	286	05		1884	-17	79	285	05	2378	-18	39	260	06		2881	-20	75	246	08
22	1396	-14	44	266	03		1856	-15	27	276	04	2345	-15	A17	280	06		2862	-18	A17	279	05
23	1333	-07	28	131	04		1804	-09	77	154	03	2305	-11	98	165	03		2826	-14	56	184	03
24	1269	-09	86	186	07		1758	-09	88	193	08	2245	-11	86	193	09		2762	-14	82	204	10
25	1300	-16	80	000	00		1758	-15	81	298	02	2260	-15	83	286	04		2769	-16	83	291	09
26	1381	-13	63	053	06		1844	-13	59	060	08	2330	-15	55	067	07		2850	-18	50	059	06
27	1439	-12	47	049	07		1902	-13	43	041	09	2390	-15	52	050	07		2910	-18	29	096	09
28	1515	-09	63	017	04		1984	-10	49	009	04	2490	-12	37	001	02		3004	-15	29	320	02
29	1513	-05	34	156	06		1989	-07	A15	167	04	2490	-10	A15	190	05		3016	-13	A16	206	05
30	1473	-04	29	112	06		1949	-07	A15	117	07	2450	-10	A16	119	07		2976	-12	A16	091	04
MN	1376	-11	53	220	01		1842	-11	45	*		2338	-13	45	*			2858	-15	42	252	03	

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	0997	-23	76	112	02	0065					0440	-20	68	105	03	0842	-20	69	142	02
02	1007	-29	75	300	07	0192	-29	75	300	08	0500	-27	74	304	11	0891	-24	74	317	12
03	1005	-30	68	180	01	0117	-29	69	194	03	0480	-24	77	288	11	0881	-21	73	309	14
04	0991	-22	80	360	04	0015					0400	-16	77	327	06	0799	-17	78	308	06
05	0999	-34	45	090	06	0078					0435	-28	38	103	04	0830	-28	32	074	03
06	1001	-32	73	135	12	0090	-32	73	145	12	0460	-22	63	194	12	0861	-18	63	250	08
07	1004	-20	76	135	09	0114	-19	76	147	09	0500	-07	90	228	10	0923	-08	83	247	13
08	1005	-12	89	135	10	0125	-11	88	141	11	0520	-04	79	176	16	0951	-02	54	185	19
09	0997	-12	86	150	17	0064					0460	-11	78	-		0873	-05	52	-	
10	0995	-15	84	135	13	0048					0445	-06	65	162	13	0871	000	36	159	07
11	1003	-14	79	158	07	0107	-14	80	164	07	0505	-08	83	214	07	0923	-06	67	241	04
12	1011	-16	90	090	06	0164	-13	68	089	07	0535	-06	76	075	09	0985	-08	80	065	10
13	1000	-11	81	112	06	0084	-11	81	112	06	0465	-10	81	125	08	0896	-10	87	114	09
14	1008	-14	81	068	02	0148	-14	82	070	02	0530	-13	84	077	03	0950	-10	84	286	01
15	1013	-15	76	068	08	0186	-09	77	086	07	0595	-03	78	111	06	1018	-03	63	099	06
16	1008	-08	87	112	13	0149	-06	82	-		0530	000	65	-		0991	-02	68	-	
17	1002	-10	86	135	11	0102	-10	86	140	11	0495	-09	86	170	13	0919	-07	90	181	10
18	1012	-09	86	112	08	0173	-10	84	134	08	0570	-08	73	172	07	0992	-05	76	179	10
19	1019	-12	78	158	06	0227	-09	86	174	08	0620	-04	86	205	06	1052	-08	88	214	06
20	1016	-12	76	225	03	0206	-11	75	244	06	0600	-12	70	270	08	1011	-13	64	263	08
21	1013	-19	83	360	04	0179	-17	84	344	04	0560	-17	85	280	04	0972	-15	79	277	07
22	1006	-17	82	090	02	0129	-17	81	100	02	0510	-14	80	150	04	0927	-13	65	158	04
23	0992	-09	81	135	09	0022					0420	-05	79	-		0847	-03	61	-	
24	0995	-11	81	202	09	0042					0440	-13	82	202	08	0843	-13	82	213	10
25	1005	-23	79	360	05	0118	-19	79	001	05	0500	-14	79	358	04	0913	-17	83	338	02
26	1012	-19	83	090	07	0170	-15	78	093	07	0560	-15	78	089	07	0966	-14	75	082	08
27	1019	-21	72	022	05	0230	-12	72	023	06	0620	-11	54	031	06	1039	-10	55	028	07
28	1023	-14	72	135	03	0261	-08	56	124	03	0650	-07	53	118	02	1082	-06	50	110	02
29	1014	-10	71	112	11	0195	-07	62	121	12	0605	-01	42	140	13	1030	-02	30	132	10
30	1012	-15	65	135	09	0177	-12	57	133	10	0585	-03	23	124	10	1003	-03	A14	110	11
MN	1006	-17	78	*		131	-15	76	*		519	-11	71	*		936	-10	66	*	

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1264	-20	72	073	02	1713	-21	73	346	01	2195	-22	73	354	03	2692	-24	74	351	04
02	1310	-22	73	328	13	1755	-23	74	318	12	2230	-24	74	306	15	2728	-23	73	311	18
03	1303	-19	66	312	16	1755	-18	90	315	17	2240	-20	91	317	17	2741	-23	92	312	19
04	1226	-18	79	302	09	1680	-17	81	306	14	2168	-20	80	296	17	2669	-23	78	294	18
05	1241	-26	30	319	03	1680	-26	A19	306	07	2160	-25	A19	305	11	2647	-27	A19	309	13
06	1288	-18	73	261	08	1740	-20	78	271	09	2220	-21	81	289	11	2722	-23	85	293	13
07	1365	-09	87	250	15	1832	-12	86	256	18	2315	-15	95	256	20	2840	-16	46	262	17
08	1404	-03	52	195	20	1884	-03	A14	215	15	2390	-06	A15	210	16	2926	-09	A15	200	11
09	1324	-03	A14	-		1805	-03	A14	-		2315	-06	A15	-		2848	-09	A15	-	
10	1327	-02	A14	183	05	1808	-03	A14	210	05	2320	-09	91	215	05	2855	-09	70	219	07
11	1371	-05	48	248	06	1848	-05	29	250	07	2360	-06	23	229	09	2893	-07	48	219	13
12	1429	-05	33	072	11	1905	-06	24	074	11	2410	-09	31	085	09	2938	-12	40	092	04
13	1393	-09	85	105	10	1802	-09	60	084	05	2300	-10	55	086	06	2830	-12	A16	091	06
14	1394	-07	77	274	04	1866	-09	55	293	05	2360	-13	57	280	06	2884	-15	38	263	06
15	1469	-05	49	101	06	1944	-07	34	110	05	2440	-10	36	108	02	2972	-12	A16	092	08
16	1443	-05	72	-		1919	-06	88	58	-	2420	-08	38	-		2953	-12	56	166	09
17	1365	-07	90	181	08	1837	-09	89	169	12	2340	-11	89	160	22	2862	-13	88	164	22
18	1440	-05	36	169	11	1913	-08	96	175	13	2410	-11	84	160	15	2938	-13	82	178	15
19	1497	-07	34	207	10	1970	-08	31	198	10	2465	-10	49	194	11	2997	-14	72	193	13
20	1449	-10	71	231	09	1916	-11	79	230	08	2400	-13	78	226	08	2929	-16	81	227	09
21	1403	-16	68	278	06	1859	-17	56	292	07	2340	-19	64	308	07	2851	-21	70	320	06
22	1361	-19	40	184	04	1824	-13	82	220	04	2305	-15	A16	244	05	2833	-17	A17	255	06
23	1297	-05	58	-		1770	-09	67	-		2265	-12	74	113	11	2793	-12	78	156	09
24	1281	-11	79	221	12	1745	-13	80	208	12	2245	-16	81	226	14	2752	-17	81	226	10
25	1341	-16	83	349	03	1802	-13	79	005	05	2295	-14	71	354	08	2814	-16	58	344	08
26	1401	-12	72	082	08	1866	-12	66	068	06	2350	-15	66	068	06	2873	-19	66	069	07
27	1479	-10	47	028	09	1946	-12	58	033	09	2440	-14	54	026	09	2955	-18	50	021	09
28	1527	-08	48	214	01	1997	-10	39	272	03	2500	-12	30	267	03	3017	-14	A16	270	04
29	1482	-04	27	119	10	1959	-06	23	123	09	2465	-09	A15	135	08	2989	-13	A16	149	06
30	1454	-04	A14	100	10	1932	-06	A15	093	07	2430	-09	A15	089	05	2964	-11	A16	059	03
MN	1376	-10	56	212	02	1842	-11	51	*		2336	-13	52	*		2857	-16	51	247	04

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

~ *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3839	-26	5	77	286	13	5136	-34	4	73	296	14	6660	-45	4		296	18	8525	-56	7		306	14
02	3850	-29	9	41	346	09	5127	-38	0	34	325	14	6631	-48	0		331	10	8498	-53	5		014	12
03	3846	-30	8	35	328	18	5126	-36	1	A21	339	23	6633	-43	7		346	33	8541	-52	7		-	
04	3826	-27	5	79	283	18	5115	-35	9	73	277	19	6631	-46	7		271	21	8502	-51	9		269	19
05	3762	-31	8	A20	315	23	5093	-38	4	A22	315	30	6547	-44	3		321	43	8446	-48	0			
06	3795	-29	9	60	324	20	5075	-37	1	57	325	24	6589	-45	9		325	30	8460	-52	4			
07	3923	-23	3	29	316	23	5232	-32	1	62	323	30	6779	-42	4		328	44	8665	-55	8			
08	4096	-16	4	41	275	12	5440	-25	7	A19	280	14	7018	-38	1	A22	285	13	8939	-52	0		274	21
09	4073	-16	6	33	189	20	5417	-26	1	33	213	13	6997	-37	5	43	201	18	8920	-51	5		206	29
10	4016	-15	4	32	188	12	5375	-24	0	71	219	08	6962	-36	1	56	206	15	8894	-51	3		241	11
11	4085	-13	5	A16	190	20	5446	-23	9	62	219	19	7036	-35	3	68	226	24	8975	-50	2		246	36
12	4117	-16	6	36	231	10	5475	-22	6	31	217	15	7081	-33	1	30	210	17	9034	-48	7		220	21
13	4057	-15	3	A16	151	14	5413	-23	4	A18	149	09	7006	-35	3	53	156	06	8950	-49	4		149	09
14	3973	-20	9	A18	261	08	5297	-29	3	A19	278	12	6858	-38	9	32	273	17	8781	-50	4		288	16
15	4117	-19	0	A17	018	03	5445	-29	9	A20	352	04	6995	-41	3		346	06	8898	-54	1		328	08
16	4123	-21	5	28	112	12	5438	-32	0	36	119	14	6981	-41	2		117	11	8886	-51	4		134	05
17	4085	-16	7	A17	167	15	5429	-26	6	A19	162	21	7008	-33	7	37	167	16	8960	-49	4		193	12
18	4037	-21	1	82	157	17	5358	-29	8	71	167	23	6911	-40	0	47	167	37	8821	-52	0		-	
19	4149	-19	8	A17	173	12	5479	-28	4	A19	180	18	7044	-38	3	A22	184	19	8960	-53	5		185	21
20	4115	-22	9	A18	213	14	5427	-32	3	49	209	12	6968	-42	8		210	14	8857	-54	1		210	08
21	4008	-26	6	56	241	09	5304	-34	4	99	244	10	6831	-44	9		229	10	8713	-50	5		245	11
22	4003	-23	6	A18	300	08	5315	-31	5	A20	302	12	6865	-40	1		307	21	8775	-53	7		300	27
23	3985	-18	3	42	251	04	5327	-25	7	28	281	10	6913	-35	1	A21	297	26	8856	-50	2		281	40
24	3911	-29	1	62	217	09	5220	-31	4	35	172	14	6775	-40	3		183	14	8686	-50	5		193	17
25	3912	-24	4	66	314	09	5213	-34	5	43	330	05	6744	-41	3		336	17	8663	-49	0		314	10
26	3988	-25	1	50	343	03	5286	-34	5	44	300	06	6817	-43	8		281	17	8700	-52	3		280	12
27	4045	-25	6	46	012	09	5341	-35	4	51	001	09	6859	-46	3		347	08	8744	-50	8		931	10
28	4150	-29	0	A18	290	01	5465	-32	1	A20	032	05	6999	-44	4		009	07	8873	-57	1		344	09
29	4172	-21	4	A18	224	06	5487	-32	0	A20	267	07	7030	-41	3		297	13	8933	-54	0		303	13
30	4140	-18	9	A17	317	07	5476	-27	4	A19	306	14	7046	-38	6	A22	289	26	8960	-53	5		292	39
MN	4007	-22	2	37	*		5324	-30	8	38	*266	06	6874	-40	8	38	*283	10	8780	-52	0		*261	11

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11141	-49	1		315	15	13030	-48	8		325	16	15680	-50	6		339	19	18002	-52	5		331	16
02	11139	-48	9		342	14	13028	-49	1		342	16	15678	-50	2		342	16						
03	11181	-48	4		-		13077	-48	9		-		15720	-51	7		-		18028	-53	1		-	
04	11185	-45	2		308	16	13107	-46	3		313	22	15760	-53	0		339	16	18044	-54	8		326	21
05	11156	-44	4				13071	-47	3				15732	-51	0									
06	11138	-46	0				13042	-47	4				15706	-50	0				18030	-51	9			
07	11291	-49	3				13174																	
08	11493	-57	5		271	16	13335	-52	7		268	07	15962	-53	0		322	05	18253	-56	1		350	08
09	11512	-49	6		209	19	13376	-52	4		219	12	16013	-51	6		345	20						
10	11497	-48	5		293	11	13388	-50	7		262	07	16037	-49	8		193	03	18352	-52	5		013	05
11	11588	-50	6		292	18	13473	-51	4		235	06	16074	-54	4		056	02	18359	-55	5		082	08
12	11610	-56	7		213	25	13446	-53	7		180	13	16053	-52	5		129	09	18352	-52	0		123	08
13	11527	-56	3		165	08	13369	-52	7		156	10	16004	-52	1		138	09	18323	-50	3		116	12
14	11422	-49	4		186	06	13304	-50	3		140	10	15952	-51	2		139	12	18269	-51	6		124	11
15	11497	-51	8		218	06	13365	-51	5		189	09	16000	-51	2		147	07	18319	-52	1		108	12
16	11492	-53	4		200	07	13346	-52	2		219	05	15973											
17	11522	-53	8		194	12	13374	-53	7		186	12	15991	-52	3		192	05						
18	11433	-51	0		-		13306	-52	0		-		15915	-55	6		-		18190	-55	6		-	
19	11515	-52	7		200	11	13377	-50	9		223	09	15995	-55	2		246	07	18259	-57	2		234	03
20	11461	-51	3		223	14	13340	-50	1		220	14	15974	-54	4		228	09	18247	-55	7		254	07
21	11394	-47	2		251	11	13288	-49	6		256	10	15916	-52	7		280	09	18220	-53	7		259	09
22	11393	-49	6		291	18	13271	-51	0		295	15	15906	-51	6		286	12	18203	-53	6		304	05
23	11450	-52	8		281	21	13317	-50	9		286	18	15952	-52	4		282	15						
24	11359	-46	9		257	06	13262	-49	0		268	11	15904	-52	8		269	06	18206	-52	5		298	04
25	11360	-45	3		275	07	13277	-46	7		260	06	15940	-51	7		296	07	18248	-52	4		272	06
26	11361	-47	8		290	09	13266	-47	4		257	07	15915	-53	7		257	04	18220	-51	6		263	08
27	11407	-47	9		301	09	13309	-47	2		301	08	15960	-52	8		286	05	18276	-49	6		277	06
28	11463	-51	3		320	13	13332	-50	7		311	11	15976	-52	0		308	10	18287	-51	4		294	06
29	11523	-54	1		309	12	13383	-51	6		307	09	16018	-51	2		296	09	18345	-49	8		318	08
30	11517	-55	6		291	14	13370	-52	7		308	09	15991	-52	5		311	09	18312	-50	5		329	08
MN	11401	-50	4		*	09	13280	-50	3		*265	06	15921	-52	3		*294	.05	18232	-52	8		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3809	-28	6	75	246	05	5095	-35	8	72	276	04	6612	-46	7		286	03	8474	-57	3		288	06
02	3848	-28	4	66	320	15	5134	-35	8	49	323	18	6656	-44	8		327	22	8538	-54	9		336	21
03	3861	-27	2	A19	312	20	5154	-35	9	48	317	19	6680	-43	8		322	23	8566	-54	2			
04	3785	-30	1	51	291	19	5055	-39	8		293	17	6555	-47	3		310	13	8431	-48	9		310	17
05	3747	-32	2	67	310	20	5014	-39	0		306	28	6522	-45	5		299	38	8419	-49	2		306	24
06	3840	-28	7	66	306	16	5126	-36	3	A21	315	19	6644	-45	6		310	18	8521	-51	0		320	23
07	4000	-18	0	65	290	16	5343	-25	7	70	299	21	6918	-38	5	70	306	24	8836	-52	5		319	34
08	4105	-16	5	40	200	14	5454	-26	3	38	191	15	7025	-38	7	32	208	16	8942	-52	5		220	26
09	4027	-15	9	A17	-		5373	-26	1	35	200	12	6946	-38	7	63	210	24	8854	-52	4		190	24
10	4036	-15	9	48	230	09	5383	-26	2	51	244	11	6956	-37	5	39	242	20	8876	-51	0		256	27
11	4089	-11	5	27	204	17	5458	-22	2	39	207	20	7066	-33	8	30	219	22	9019	-48	7		232	32
12	4106	-18	2	60	147	04	5454	-25	0	45	197	09	7045	-34	9	A21	176	11	8987	-51	0		179	18
13	3995	-19	2	A17	060	06	5325	-28	0	35	043	09	6897	-38	0	A22	025	10	8826	-50	6		316	13
14	4037	-20	9	A18	292	08	5357	-31	9	35	297	05	6900	-42	0		246	07	8801	-52	6		180	16
15	4135	-19	6	A17	084	13	5463	-29	1	A19	074	12	7019	-41	3		050	12	8916	-54	8		053	10
16	4108	-22	4	68	163	16	5428	-29	2	A19	211	09	6989	-39	6	A22	242	14	8899	-52	9		267	17
17	4022	-20	0	80	158	19	5349	-29	6	68	161	20	6900	-38	7	41	170	30	8824	-51	1		-	
18	4097	-20	3	80	170	18	5422	-29	3	81	181	20	6988	-39	1	56	184	18	8893	-54	1		190	25
19	4149	-22	0	73	186	15	5466	-31	2	75	189	15	7010	-42	7		191	13	8897	-55	8		210	04
20	4067	-24	4	79	221	11	5371	-33	4	65	212	15	6902	-44	2		214	23	8782	-54	2		197	20
21	3976	-27	0	47	339	07	5267	-36	2	32	354	07	6784	-45	6		352	08	8673	-48	9		313	11
22	3977	-22	9	A18	259	11	5290	-31	2	70	266	13	6846	-40	0	70	276	17	8752	-54	1		283	20
23	3961	-17	8	78	194	06	5304	-25	9	76	223	06	6884	-36	8	70	197	12	8810	-52	0		196	18
24	3892	-23	9	77	231	10	5199	-33	7	69	228	11	6721	-46	6		222	21	8625	-47	2		229	09
25	3961	-22	4	30	348	07	5274	-31	6	A20	312	10	6818	-42	7		316	12	8702	-54	1		302	10
26	4007	-24	9	59	033	04	5308	-34	0	54	019	05	6834	-45	3		316	04	8717	-51	6		312	04
27	4088	-25	8	43	021	11	5386	-34	3	37	028	12	6911	-45	9		037	13	8783	-55	0		016	17
28	4169	-21	6	A18	274	02	5484	-32	1	A20	284	02	7019	-44	4		311	03	8892	-56	1		325	12
29	4147	-20	2	A17	261	02	5474	-29	2	A19	295	11	7036	-40	8		284	17	8936	-53	6		281	22
30	4136	-16	4	A17	353	09	5481	-26	1	30	318	10	7059	-37	5	40	302	21	8978	-53	7		295	28
MN	4006	-22	1	48	*		5323	-31	0	46	*267	05	6871	-41	6	44	*259	08	8772	-52	4		*269	10

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11107	-48	5		322	11	13004	-48	4		337	17	15660	-50	1		339	17	17983	-51	7		339	20
02	11151	-50	7		348	16	13026	-50	0		344	23	15669	-52	1		349	18	17975	-53	4		349	17
03	11203	-48	5				13094	-48	7				15734	-53	9				18029	-54	6			
04	11134	-44	7		313	15	13052	-47	1		314	15	15706	-52	3		312	23	17991	-56	1		327	17
05	11111	-45	9		-		13013	-48	9		-		15671	-49	9		-		17997	-51	6		327	25
06	11195	-47	5		326	19	13090	-47	9		332	21	15741	-51	2		341	21						
07	11393	-56	1		311	22	13269	-52	0		324	15	15870	-52	6		337	18	18151	-55	7		343	13
08	11496	-59	5		225	17	13342	-53	2		252	12	15966	-52	0		281	05	18258	-55	9		300	08
09	11465	-52	1		204	21	13335	-49	5		278	07	15974	-51	0									
10	11507	-51	2		248	17	13391	-49	7		311	10	16011	-51	8		340	04	18307	-54	2		066	06
11	11611	-56	3		207	18	13469	-52	3		146	12	16061	-53	7		123	03	18343	-54	7		079	12
12	11554	-59	6		191	14	13381	-54	5		175	10	16003	-51	7		137	09	18309	-51	4		121	12
13	11453	-50	2		137	03	13336	-49	9		139	07	15979	-49	4		136	13	18306	-50	0		114	18
14	11407	-52	9		176	11	13270	-52	4		164	10	15891	-52	1		139	12	18197	-53	9		242	07
15	11501	-52	9		195	04	13398	-53	3		198	08	15979	-51	9		126	06	18293	-53	2		116	08
16	11487	-54	6		231	09	13356	-54	1		222	05	15941	-53	8		207	06	18220	-55	8		099	05
17	11418	-52	8		-		13268	-52	9		-		15872	-54	0		261	06	18152	-56	0		143	06
18	11458	-53	6		194	08	13319	-51	0		200	13	15921	-56	9		226	13	18181	-55	5		303	04
19	11494																							
20	11424	-48	9		235	17	13305	-51	2		226	12	15939	-52	1		230	12	18235	-53	6		315	10
21	11350	-47	6		299	12	13237	-50	6		290	14	15870	-52	0		295	07	18162	-54	9		283	07
22	11368	-50	4		289	19	13242	-51	0		287	18	15872	-53	0		290	13	18169	-54	1		310	12
23	11411	-51	8		254	11	13292	-50	4		257	10	15918	-52	8		286	11						
24	11331	-44	4		309	03	13244	-48	8		265	08	15882	-53	1		299	06	18183	-53	0		301	06
25	11368	-45	6		282	09	13282	-46	6		279	05	15932	-53	5		282	04	18236	-52	3		283	05
26	11382	-46	6		307	07	13286	-47	0		287	07	15935	-52	2		276	04	18253	-50	5		294	06
27	11398	-50	8		316	11	13278	-49	7		316	10	15921	-53	1		302	07	18230	-50	5		289	06
28	11471	-53	3		314	13	13332	-51	4		314	10	15959	-52	1		300	09	18270	-52	1		311	07
29	11516	-53	1		299	11	13373	-52	1		303	08	16001	-51	7		295	06						
30	11542	-56	5		313	14	13388	-53	4		314	09	16007	-51	5		328	07	18326	-50	4		328	10
MN	11390	-51	3		*	08	13262	-50	6		*287	07	15893	-52	3		*298	05	18190	-53	4		*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.

APRIL 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20173	-53	6	334	19															
02																				
03	20191	-54	4	-		23450	-55	9	347	24										
04																				
05																				
06	20209	-54	0			23463	-57	7			26009	-59	4							
07																				
08	20397																			
09																				
10	20521																			
11	20514	-53	7	069	20	23780	-55	7	075	15	26347	-56	9	059	20					
12	20525	-52	6	086	14	23803	-55	6	078	19	26387	-55	6	077	23	30752	-58	0		
13	20511																			
14	20440	-53	1	096	14	23696	-58	4	081	25	26233	-59	8	070	19					
15	20501	-53	4	102	12	23745	-57	3	064	14	26314	-56	0	077	16					
16																				
17																				
18	20338	-54	5	026	14	23619	-54	0	105	09										
19	20396	-56	0	178	04	23647	-55	8	077	07	26239	-55	6	101	08					
20	20385	-56	1	177	02	23646	-55	1	039	04	26235	-55	2	137	03					
21	20385	-54	7	252	06	23651	-54	7	322	02	26249	-55	2	027	05					
22	20370	-53	6	307	10	23653	-52	6	041	08	26258	-54	6	007	04	30735	-49	3		
23																				
24																				
25	20423	-53	3	305	07	23709	-53	3	318	05	26313	-54	1	337	04	30809	-49	0	006	07
26	20403	-52	7	289	06	23684	-53	8	295	05	26306	-52	4	318	04					
27	20468	-51	5	291	07	23776	-52	4	304	08										
28	20477	-51	3	290	08	23785	-52	1	303	07	26412	-51	8	296	04					
29	20530																			
30	20505																			
MN	20412	-53	7	*		23674	-55	0	*		26275	-55	6	*		30765	-52	1	*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA				FREEZING LEVELS Lowest				FREEZING LEVELS Highest				TROPOPAUSE (1)						TROPOPAUSE (2)						MAX. WIND LEVEL				
	$P_0 E_1 t E_2 E_3$	ww	appp		Code	Alt. gpkm.		Pres mb.	Alt. gpkm.		Pres mb.		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.	
01	85500	71	7	20	0								1	08	75	289	-58	0	307	0						1	20	53	047	330	21
02	00901	02	2	19	0								2	07	76	335	-52	8	301	0						1	16	47	089	354	22
03	25601	02	7	03	0								2	07	96	328	-51	7	305	0						9	06	88	387	343	36
04	864---	71	7	30	0								2	07	65	342	-52	4	300	1	13	80	135	-49	7	396	8	07	13	371	265	26
05	15500	38	1	18	0								2	07	56	343	-49	2	304	0						1	07	16	364	521	44
06	00906	02	2	11	0								1	08	09	317	-55	2	303	0						1	08	07	319	328	34
07	85400	38	2	15	0								2	08	68	299	-56	0	307	0						1	07	48	361	328	47
08	75500	37	1	03	0								1	11	12	212	-61	6	330	0						8	09	50	274	279	25
09	20942	38	7	14	0								1	10	11	249	-58	2	320	1	12	27	178	-54	0	358	8	07	99	346	193	31
10	15602	37	5	05	0								2	09	87	257	-57	0	319	0						8	00	08	994	155	18
11	20818	02	2	07	0								2	09	87	261	-54	3	322	1	14	19	134	-55	6	386	9	08	68	314	234	34
12	00900	46	2	13	0								1	11	13	215	-60	8	329	0						9	11	47	205	215	27
13	65501	02	7	15	0								2	10	29	243	-58	3	322	0						8	03	11	679	142	18
14	25401	01	2	11	0								2	09	00	289	-51	5	316	0						9	23	69	050	081	25
15	75400	71	1	05	0								1	09	39	277	-57	9	311	0						9	26	10	021	077	17
16	11400	02	7	12	0								1	10	40	236	-55	4	328	0						7	05	27	511	115	16
17	00906	39	7	22	0								1	10	96	219	-62	8	324	0						8	10	69	230	196	25
18	864---	73	1	08	0								1	09	80	257	-55	9	320	0						9	07	16	386	167	40
19	00901	02	2	10	0								2	09	90	258	-59	6	314	1	15	79	103	-56	9	414	9	08	44	324	184	30
20	76200	02	7	04	0								2	09	04	291	-55	3	310	2	15	17	113	-53	3	410	9	14	75	121	217	17
21	20941	02	6	04	0								2	08	13	328	-52	9	303	0						9	10	00	246	249	13
22	863---	71	8	07	0								1	09	15	282	-55	2	313	0						9	09	59	284	297	30
23	15401	36	7	14	0								2	09	68	263	-56	7	317	0						8	09	77	259	279	46
24	864---	71	3	03	0								2	08	53	306	-50	3	313	2	15	46	107	-52	6	417	8	06	00	447	179	18
25	25430	02	2	10	0								1	08	74	296	-49	3	317	0						9	06	98	387	335	19
26	00901	02	2	09	0								2	08	16	326	-52	0	305	1	15	85	101	-53	8	422	9	06	68	408	283	17
27	00901	02	1	11	0								1	08	36	317	-51	7	308	0						9	09	57	264	322	12
28	00900	02	1	02	0								1	08	99	294	-57	8	306	0						9	11	19	209	315	13
29	00900	02	7	21	0								1	09	61	268	-56	0	316	0						8	10	41	298	310	16
30	00901	36	8	01	0								1	10	05	252	-60	5	315	0						8	09	38	281	293	40
MEAN														09	22	282	-55	5	314		14	65	124	-53	7	400						

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20155	-55	0	342	22	23397	-57	3	332	19										
02	20129	-54	1	338	19	23375														
03	20168	-56	7			23375	-61	5			25923	-60	0							
04	20132	-56	3	326	18	23353	-58	3												
05	20173	-53	9	346	21	23415	-59	6												
06																				
07	20301																			
08	20403																			
09																				
10	20461																			
11	20506	-53	9	070	14	23760	-57	6	061	17	26310	-58	2	074	27					
12	20482	-54	3	106	15	23765	-54	8	076	23	26319	-60	7	076	25					
13	20492	-52	9	104	15	23753	-58	0	083	19	26306	-58	6	068	20	30698	-50	8	065	24
14	20556	-55	1	090	13	23574	-60	0	076	19	26118	-57	8	070	17					
15	20454	-55	6	080	12	23677	-54	2												
16	20947																			
17	20283																			
18	20915	-56	4	316	02															
19																				
20	20395	-53	5	218	10	23670	-54	1	179	08										
21	20319	-53	9	293	06	23592	-54	8	015	07										
22	20319	-55	4	351	07	23581	-55	7	018	05	26173	-54	1	002	05					
23																				
24	20348	-54	1	296	03	23615	-54	0	335	06										
25	20415	-52	3	306	06	23699	-53	5	323	04	26315	-52	3	010	04					
26	20442	-52	9	294	05	23739	-52	2	318	04	26367	-52	6	349	06					
27	20414	-52	9	306	06	23710	-53	2	306	06	26323	-53	0	306	06					
28	20451	-51	8	311	07	23754	-52	4	310	04	26382	-50	4	321	06					
29																				
30	20513	-51	8	313	09	23826	-51	6	350	07										
MN	20351	-54	1	*		23612	-55	7	*		26254	-55	8	*		30698	-50	8	*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA				FREEZING LEVELS Lowest				FREEZING LEVELS Highest				TROPOPAUSE (1)						TROPOPAUSE (2)						MAX. WIND LEVEL				
	$P_0 E_1 t E_2 E_3$	ww	appp		Code	Alt. gpkm.		Pres mb.	Alt. gpkm.		Pres mb.		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.	
01	25510	71	2	08	0								1	08	35	305	-57	4	303	0						9	21	95	038	338	22
02	25530	02	4	00	0								1	08	79	288	-56	2	309	0						9	14	47	121	351	27
03	25530	02	8	14	0								1	08	77	290	-55	1	311	0						1	07	50	354	328	24
04	70850	03	1	01	0								1	07	38	353	-51	8	298	0						1	23	30	031	327	28
05	10941	36	8	08	0								1	07	60	341	-49	9	304	0						9	06	51	401	298	38
06	65600	36	7	11	0								2	07	65	343	-52	2	300	0						8	10	22	232	329	26
07	863---	71	2	07	0								2	10	01	249	-61	0	316	0						8	09	15	285	319	34
08	30846	37	7	10	0								2	10	83	222	-61	6	325	0						8	09	80	262	234	28
09	15640	37	7	11	0								1	10	07	248	-55	3	324	2	13	79	140	-52	0	388	7	09	59	267	194	28
10	20871	36	2	09	3	0	82	905	0	95	891		2	08	47	319	-50	2	309	1	15	06	116	-54	2	405	8	09	49	272	258	30
11	862---	46	3	20	0								1	10	47	238	-57	7	324	2	14	32	131	-56	3	387	9	08	72	313	228	39
12	25600	02	8	09	0								1	11	12	213	-61	3	329	0						1	29	90	011	067	32
13	854---	02	7	07	0								1	09	30	278	-53	8	316	0						9	30	01	011	066	25
14	15400	02	2	19	0								2	08	64	307	-52	3	309	0						9	19	21	060	094	36
15	00901	02	2	03	0								1	09	40	278	-57	7	311	0						9	06	08	458	075	19
16	65600	38	7	16	3	0	50	956	0	69	934		1	10	20	244	-57	1	323	0						8	08	74	307	267	19
17	864---	71	2	08	0								1	10	27	239	-57	7	324	0						8	08	30	325	168	34
18	35436	36	2	20	0								1	10	41	235	-59	9	322	0						9	09	74	262	186	31
19	864---	02	3	01	0								2	09	44	275	-55	7	314	0						5	05	32	510	189	15
20	86400	02	6	04	0								2	08	34	321	-53	7	304	0						9	08	27	325	209	25
21	25400	02	6	01	0								1	07	87	339	-50	8	303	0						9	09	34	271	309	19
22	20976	02	7	15	0								1	09	03	286	-56	3	310	0						9	10	04	246	282	24
23	2542-	38	8	11	0								1	09	42	272	-56	4	314	0						8	09	69	261	212	20
24	862---	71	3	05	0								1	07	02	985	-47	8	297	2	13	83	148	-49	0	387	9	06	61	407	219	22
25	25500	02	2	13	0								2	08	31	318	-54	1	304	2	15	50	107	-53	1	417	9	05	97	492	306	17
26	15401	02	1	04	0								2	08	06	332	-51	6	304	0						9	01	21	871	084	09
27	00900	02	2	12	0								1	09	17	282	-56	3	311	0						9	08	65	304	017	18
28	00900	02	4	00	0								1	09	37	277	-58	3	310	0						9	09	81	298	324	18
29	10935	03	6	07	0								1	09	80	261	-57	5	316	0						8	09	18	288	281	29
30	00901	36	8	02	0								1	10	19	248	-59	4	318	0						9	09	72	266	304	52
MEAN														09	13	286	-55	5	312		14	40	128	-52	9	397						

A — *Statistical Value for Relative Humidity*

* — *Vector Mean Wind*

\- — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.

MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE						1000 MBS						950 MBS						900 MBS					
	Altitude (Pres. on Sfc.)	Temp.		R.H.	Wind		Altitude	Temp.		R.H.	Wind		Altitude	Temp.		R.H.	Wind		Altitude	Temp.		R.H.	Wind	
		°C		%	deg.	mps.	gpm.	°C		%	deg.	mps.	gpm.	°C		%	deg.	mps.	gpm.	°C		%	deg.	mps.
01	1013	-09	9	71	120	14	0180	-09	4	50	124	15	0585	-03	9	23	135	14	1008	-04	4	A14	130	09
02	1015	-06	1	69	158	09	0201	-06	9	75	159	09	0605	-05	8	55	161	09	1030	-05	9	28	159	07
03	1015	-05	7	76	158	07	0203	-06	7	60	161	07	0600	-05	1	27	170	07	1030	-05	8	22	171	04
04	1017	-05	6	78	315	03	0217	-07	8	66	310	04	0615	-04	8	A15	911	04	1043	-04	0	A14	317	05
05	1017	-07	9	94	270	05	0213	-09	6	76	293	04	0610	-10	7	88	332	05	1031	-05	4	52	331	08
06	1011	-07	3	91	158	08	0172	-08	2	88	165	08	0575	-03	8	48	220	05	0996	-04	3	52	239	05
07	0999	-02	9	79	112	01	0076						0480	-05	6	48	159	04	0908	-03	2	47	188	06
08	0989	-03	5	90	135	09	-001						0400	-05	0	88	145	09	0827	-04	5	85	164	10
09	0990	-04	1	97	158	08	0006						0405	-05	7	87	170	08	0895	-04	5	88	198	07
10	0998	-04	5	93	292	04	0069						0460	-07	1	91	283	05	0890	-10	2	88	286	05
11	1001	-07	9	80	270	03	0095	-08	0	80	272	03	0490	-12	2	80	294	04	0906	-12	2	87	300	08
12	1003	-10	0	71	068	05	0105	-10	6	70	070	04	0500	-09	0	50	127	02	0919	-07	9	59	315	04
13	1000	-06	8	85	045	06	0086	-06	8	85	045	06	0490	-05	5	75	337	02	0913	-06	4	79	267	05
14	1000	-01	7	92	180	03	0082						0485	-00	9	83	134	05	0921	-00	2	72	172	04
15	0999	001	4	78	090	02	0073						0490	001	4	70	088	02	0920	001	6	64	106	04
16	1004	000	7	75	180	01	0117	000	9	74	162	01	0520	-00	6	57	122	02	0959	000	2	62	079	03
17	1012	-01	7	70	158	08	0176	-02	2	58	175	08	0590	003	2	61	228	06	1027	001	3	54	247	05
18	1010	000	8	92	270	10	0161	000	4	88	279	13	0575	000	7	76	297	20	1005	-01	5	62		
19	1023	-02	2	91	338	05	0262	-03	7	89	351	04	0665	-06	8	86	356	04	1090	-04	5	65	346	06
20	1018	-01	6	85	158	12	0228	-03	0	75	159	14	0640	000	4	59	170	12	1073	002	1	27	180	06
21	1007	002	1	89	158	10	0140	001	6	89	165	09	0560	009	6	69	219	05	1003	006	7	66	273	03
22	1010	001	6	92	248	06	0162	002	2	78	256	08	0580	001	4	51	283	12	1010	-00	8	52	186	19
23	1006	-06	1	85	292	13	0134	-06	5	84	293	13	0515	-09	4	88	299	15	0948	-11	8	90	306	16
24	1014	-05	7	86	360	11	0192	-06	5	87	359	13	0590	-09	1	89	357	13	1008	-09	3	89	002	13
25	1014	-06	4	79	338	08	0189	-07	3	80	342	11	0580	-10	5	84	346	10	1002	-09	8	91	338	14
26	1007	-05	3	90	158	06	0140	-06	0	89	158	06	0520	-10	6	83	164	03	0956	-09	3	82	307	03
27	1014	-05	1	90	315	05	0189	-06	0	89	319	06	0580	-09	1	87	331	07	1005	-10	8	85	337	09
28	1006	-05	0	92	340	11	0129	-05	5	92	341	11	0525	-08	7	91	342	09	0945	-12	5	89	334	07
29	1013	-10	2	74	360	03	0183	-11	1	75	354	03	0565	-14	4	79	006	04	0981	-17	8	83	008	06
30	1008	-07	4	85	240	08	0147	-08	2	84	240	08	0555	-12	1	79	248	06	0955	-12	0	82	289	06
31	0999	-03	8	91	225	05	0076						0478	-06	9	87	237	05	0898	-09	7	83	245	05
MN	1007	-04	4	85	*		142	-05	6	78	*		542	-05	3	69	*		969	-05	6	64	*	

Day	850 MBS						800 MBS						750 MBS						700 MBS					
	Altitude (Pres. on Sfc.)	Temp.		R.H.	Wind		Altitude	Temp.		R.H.	Wind		Altitude	Temp.		R.H.	Wind		Altitude	Temp.		R.H.	Wind	
		°C		%	deg.	mps.	gpm.	°C		%	deg.	mps.	gpm.	°C		%	deg.	mps.	gpm.	°C		%	deg.	mps.
01	1456	-06	4	A15	119	09	1929	-08	6	A15	113	11	2425	-10	1	A15	103	09	2956	-11	4	A16	071	06
02	1478	-06	2	A15	165	08	1953	-07	4	A15	188	05	2450	-11	2	A16	213	05	2977	-14	4	A16	254	03
03	1479	-05	6	A15	183	03	1953	-07	7	A15	189	03	2450	-10	4	A15	186	04	2980	-13	8	26	115	03
04	1492	-05	5	A15	938	06	1966	-07	4	A15	346	07	2460	-10	5	48	348	08	2995	-12	6	42	350	07
05	1479	-05	6	45	330	06	1956	-05	7	34	340	04	2460	-07	7	A15	338	05	2993	-09	1	A15	320	07
06	1446	-04	9	64	230	07	1923	-07	1	70	226	07	2425	-09	9	84	227	07	2955	-11	7	A16	286	08
07	1359	-04	7	52	196	06	1835	-08	1	66	214	06	2325	-12	2	69	204	07	2856	-16	2	66	190	06
08	1277	-06	1	75	170	11	1750	-09	4	72	168	13	2250	-12	9	70	161	11	2770	-15	2	96	166	10
09	1284	-06	5	87	189	06	1756	-09	8	84	191	06	2255	-13	4	82	212	06	2772	-16	9	79	293	05
10	1330	-09	3	83	289	08	1798	-11	8	76	284	08	2295	-14	3	69	280	10	2809	-17	7	67	290	10
11	1345	-09	7	71	300	09	1813	-11	3	59	293	11	2305	-13	7	50	295	14	2827	-16	4	42	290	15
12	1361	-09	7	67	296	09	1829	-10	6	71	293	14	2325	-13	1	48	278	11	2848	-14	8	29	284	14
13	1359	-08	3	78	259	06	1828	-11	3	70	283	09	2320	-12	0	54	284	11	2849	-15	7	57	279	13
14	1377	-02	6	73	220	08	1856	-06	2	81	243	12	2355	-07	3	86	259	12	2895	-10	7	86	267	09
15	1378	-01	2	66	099	03	1860	-04	5	69	100	01	2360	-07	9	79	011	02	2898	-11	9	72	340	04
16	1416	-01	3	37	032	03	1898	-04	8	65	003	03	2405	-09	1	74	011	06	2933	-12	9	73	357	09
17	1485	-01	3	63	262	06	1967	-04	6	76	284	05	2485	-07	1	67	317	05	3006	-11	2	74	340	04
18	1457	-05	5	69			1930	-09	8	77			2430	-10	9	57			2955	-14	4	52		
19	1540	-04	8	37	341	07	2018	-05	0	23	329	09	2525	-07	1	A15	330	11	3060	-08	6	47	333	13
20	1533	000	4	38	186	04	2018	-01	6	42	215	06	2535	-02	5	48	229	07	3076	-06	2	62	294	08
21	1470	003	8	63	300	05	1962	001	3	47	313	07	2485	-02	7	53	313	09	3021	-06	8	59	323	11
22	1465	-01	1	31	178	22	1948	-03	2	21			2460	-04	9	22			2997	-07	4	A15		
23	1384	-11	6	92	312	18	1850	-11	0	91	312	23	2345	-11	9	78	304	24	2872	-14	4	50	296	24
24	1449	-11	0	57	006	14	1915	-11	1	48	360	17	2410	-12	3	64	346	15	2937	-14	2	A16	356	18
25	1444	-08	9	A15	338	17	1913	-10	8	A16	341	18	2400	-12	8	A16	342	21	2930	-15	1	A16	342	20
26	1398	-09	7	83	333	06	1866	-11	5	83	329	08	2360	-14	8	82	323	07	2877	-17	7	82	342	05
27	1442	-12	8	87	346	10	1906	-13	7	83	352	12	2390	-15	9	79	359	14	2913	-17	1	45	004	16
28	1382	-11	9	85	347	11	1846	-13	4	86	344	14	2335	-14	9	87	342	17	2855	-17	7	86	343	19
29	1412	-14	6	69	009	07	1872	-15	1	50	013	08	2360	-15	7	30	018	10	2880	-16	4	A17	018	12
30	1394	-10	0	83	310	05	1862	-09	8	86	336	07	2360	-11	8	84	354	07	2885	-13	7	85	339	07
31	1342	-07	6	87	279	05	1815	-09	3	88	269	09	2305	-12	5	86	274	08	2895	-14	8	80	288	07
MN	1417	-06	5	59	293	03	1890	-08	4	58	*		2989	-10	8	55	*		2917	-13	5	49	316	07

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE						1000 MBS						950 MBS						900 MBS					
	Altitude (Pres. on Sfc.)	Temp.		R.H.	Wind		Altitude	Temp.		R.H.	Wind		Altitude	Temp.		R.H.	Wind		Altitude	Temp.		R.H.	Wind	
		°C		%	deg.	mps.	gpm.	°C		%	deg.	mps.	gpm.	°C		%	deg.	mps.	gpm.	°C		%	deg.	mps.
01	1014	-12	8	70	112	08	0189	-09	6	60	124	10	0595	-04	7	38	192	12	1016	-04	3	28	151	08
02	1015	-09	3	67	135	08	0200	-08	1	57	149	09	0600	-04	0	24	163	08	1028	-04	6	A15	157	05
03	1015	-10	4	79	135	03	0201	-09	4	67	177	02	0605	-05	4	27	244	01	1024	-04	7	A15	240	02
04	1017	-09	4	93	360	04	0216	-10	2	95	352	07	0610	-08	5	75	327	07	1035	-06	2	50	332	12
05	1015	-09	3	91	180	02	0197	-10	1	88	193	02	0595	-09	6	81	270	03	1016	-04	6	65	293	03
06	1006	-06	6	89	158	07	0130	-07	2	89	167	08	0529	-07	1	89	226	07	0951	-07	3	82	252	07
07	0992	-09	4	79	120	08	0018						0415	-05	2	57	114	07	0848	-01	2	36	109	06
08	0989	-06	1	90	135	05	-001						0405	-06	1	84	171	09	0825	-05	2	84	192	09
09	0994	-04	5	86	270	04	0040						0435	-06	9	87	276	06	0861	-09	7	88	281	08
10	1000	-08	8	93	022	02	0084	-08	8	93	022	02	0470	-12	2	91	264	05	0893	-09	6	86	280	06
11	1003	-12	5	82	000	00	0109	-12	6	82	000	00	0500	-16	4	78	302	03	0910	-10	4	68	291	08
12	0999	-08	7	87	068	08	0075						0475	-06	1	79	088	06	0899	-06	4	84	170	03
13	1001	-05	0	90	135	03	0095	-05	0	90	136	03	0495	-05	3	91	134	02	0923	-05	5	92	180	04
14	0998	-02	4	90	135	08	0071						0480	002	8	69	133	09	0919	001	2	51	132	06
15	1000	-05	6	73	112	05	0087	-05	6	73	112	05	0490	-00	6	62	113	05	0928	000	6	64	087	02
16	1009	-04	5	75	160	02	0152	-03	6	79	194	02	0560	-02	6	58	294	03	0990	-01	0	89	328	03
17	1007	-01	8	98	135	08	0142	-01	8	97	148	09	0550	001	3	91	207	13	0989	002	3	88	202	17
18	1015	-02	2	95	320	12	0203	-03	3	93	323	13	0600	-06	5	89	336	12	1029	-07	5	83	330	12
19	1022	-03	3	80	180	03	0256	-04	5	83	175	04	0660	-03	4	77	173	03	1088	-02	2	40	139	01
20	1011	-02	2	80	135	11	0171	-01	0	68	145	13	0585	004	2	19	175	16	1025	006	4	96	199	10
21	1007	-01	9	98	135	06	0142	002	2	95	177	05	0560	009	8	70	310	02	1017	007	9	90	304	02
22	1007	-03	2	90	290	12	0139	-03	6	90	291	12	0540	-06	7	69	300	13	0965	-05	7	72	298	17
23	1006	-03	8	93	315	08	0131	-04	1	93	324	09	0525	-06	3	93	348	09	0954	-09	2	94	355	08
24	1017	-08	6	81	338	09	0211	-09	7	81	334	11	0600	-13	1	82	344	10	1020	-09	9	70	348	12
25	1014	-07	3	81	338	02	0189	-08	3	81	330	02	0580	-12	0	81	319	04	1000	-08	4	59	324	05
26	1009	-08	9	81	045	05	0156	-09	7	82	038	06	0545	-13	7	85	031	06	0965	-10	1	48	030	07
27	1011	-05	5	80	270	03	0172	-06	0	81	280	04	0570	-08	2	82	303	08	0991	-10	6	84	317	10
28	1009	-12	5	78	045	07	0153	-13	2	78	041	08	0540	-16	4	79	031	08	0947	-14	6	72	026	09
29	1012	-09	9	81	135	04	0174	-10	7	81	180	03	0575	-13	6	83	299	03	0975	-16	6	84	293	09
30	1002	-05	5	86	225	08	0102	-05	6	86	230	08	0495	-07	8	86	258	06	0921	-09	7	87	280	06
31	0998	-06	7	87	158	05	0068						0465	-07	9	88	176	04	0887	-08	6	93	056	02
MN	1007	-06	7	85	*		138	-06	8	82	*		537	-06	4	74	*		963	-05	7	64	*	

Day	850 MBS						800 MBS						750 MBS						700 MBS					
	Altitude (Pres. on Sfc.)	Temp.		R.H.	Wind		Altitude	Temp.		R.H.	Wind		Altitude	Temp.		R.H.	Wind		Altitude	Temp.		R.H.	Wind	
		°C		%	deg.	mps.	gpm.	°C		%	deg.	mps.	gpm.	°C		%	deg.	mps.	gpm.	°C		%	deg.	mps.
01	1464	-06	4	A15	131	06	1936	-08	8	A15	129	07	2420	-11	4	A16	125	07	2959	-12	7	A16	122	08
02	1476	-06	5	A15	147	03	1949	-08	6	A15	147	05	2455	-11	4	A16	146	04	2973	-14	4	A16	065	02
03	1473	-05	5	A15	269	03	1948	-07	6	A15	303	05	2445	-10	1	A15	305	04	2977	-13	0	32	916	03
04	1485	-05	3	66	339	12	1962	-05	9	35	359	08	2475	-07	1	24	005	07	3003	-08	9	A15	021	07
05	1465	-05	6	48	287	03	1941	-06	8	31	260	02	2445	-09	3	24	269	03	2975	-10	8	A16	262	04
06	1398	-06	0	71	247	10	1872	-08	2	65	237	10	2370	-11	0	59	212	10	2897	-15	0	57	209	09
07	1301	-04	1	36	138	08	1777	-07	9	46	152	06	2280	-12	1	56	162	08	2799	-16	4	66	163	09
08	1273	-07	1	82	207	09	1745	-10	4	80	204	09	2245	-13	9	79	212	08	2758	-17	7	78	223	07
09	1308	-07	6	87	265	09	1778	-10	6	76	268	11	2275	-13	6	67	270	12	2792	-17	4	59	267	11
10	1335	-09	5	74	292	08	1802	-12	3	69	289	09	2300	-15	2	64	279	10	2810	-18	3	55	277	09
11	1352	-09	7	52	292	09	1820	-10	8	33	289	10	2315	-12	8	26	290	11	2838	-15	0	A16	289	13
12	1346	-07	1	89	218	04	1819	-08	6	93	260	07	2315	-12	0	91	271	09	2841	-15	6	88	263	10
13	1369	-08	4	86	244	04	1842	-08	7	72	262	09	2340	-11	8	35	266	09	2866	-15	4	27	269	11
14	1376	-01	6	52	160	04	1857	-05	3	65	199	03	2355	-09	4	84	245	03	2890	-12	4	83	327	02
15	1385	-00	9	63	061	04	1868	-04	2	53	066	02	2370	-08	4	59	031	03	2904	-13	2	71	009	05
16	1445	-02	2	38	332	05	1927	-09	7	64	344	06	2430	-10	1	77	344	07	2954	-12	7	73	353	09
17	1449	-00	5	88	216	18	1932	-03	5	89	234	14	2440	-06	6	88	253	13	2975	-10	2	75	250	14
18	1472	-09	0	71	327	18	1942	-09	2	42	332	24	2445	-08	4	A15			2976	-09	8	A15		
19	1542	-02	4	22	016	02	2024	-03	0	55	303	03	2540	-04	6	60	314	05	3074	-07	0	48	319	09
20	1491	003	6	44	216	07	1981	000	0	51	219	06	2490	-03	8	58	214	08	3034	-07	8	65	197	10
21	1485	004	4	55	257	03	1976	000	6	60	258	06	2490	-03	4	65	264	11	3031	-07	7	71	278	13
22	1413	-05	8	40	294	19	1892	-03	9	A14	291	21	2395	-07	8	A15	288	20	2950	-11	8	55	284	22
23	1395	-09	8	86	045	07	1862	-12	2	83	043	09	2355	-14	7	79	042	10	2872	-17	4	75	012	09
24	1460	-10	7	57	349	16	1926	-11	2	54	345	18	2430	-11	6	58	341	18	2947	-13	6	42	341	19
25	1442	-09	5	29	336	06	1911	-10	3	24	335	09	2405	-12	4	A16	338	12	2932	-13	8	27	341	17
26	1404	-12	5	63	015	08	1868	-12	2	75	012	09	2360	-13	8	74	012	09	2883	-14	4	74	002	09
27	1429	-12	1	86	331	12	1892	-14	6	64	336	14	2385	-15	6	51	340	16	2900	-18	2	43	344	19
28	1381	-13	5	55	015	11	1843	-14	4	47	012	13	2340	-16	8	41	006	15	2845	-19	3	34	007	20
29	1406	-13	9	69	315	03	1867	-14	2	42	317	03	2370	-13	3	29	346	05	2882	-14	4	A16	081	06
30	1365	-07	2	89	344	06	1837	-08	8	91	346	07	2330	-11	9	91	318	05	2857	-15	6	89	327	05
31	1328	-10	0	94	008	02	1796	-11	9	92	016	02	2290	-15	1	90	325	03	2807	-17	4	70	299	03
MN	1410	-06	5	59	304	04	1884	-08	4	55	*		2384	-10	9	52	*		2909	-13	7	50	305	06

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.

MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	4133	-15	6	A17	003	08	5480	-26	3	28	336	11	7039	-36	4	31	321	23	8987	-51	9		314	25
02	4137	-19	1	42	304	06	5470	-27	1	70	314	12	7039	-38	2	49	321	19	8953	-53	7		320	28
03	4134	-21	4	40	008	03	5454	-30	6	A20	072	02	7005	-41	3		070	04	8903	-54	9		091	08
04	4156	-18	9	A17	028	08	5490	-28	5	A19	051	12	7054	-39	4	A22	073	16	8964	-53	8		081	28
05	4172	-15	9	A17	332	05	5523	-25	0	47	313	04	7109	-36	6	A22	310	08	9036	-52	4		313	03
06	4125	-17	6	A17	246	11	5468	-25	8	A19	249	14	7045	-38	3	32	240	20	8961	-52	6		244	26
07	4003	-23	1	32	188	08	5315	-31	8	A20	207	11	6856	-42	9		200	14	8745	-51	0		203	12
08	3917	-23	4	61	145	14	5222	-33	9	62	151	21	6758	-40	7		170	08	8699	-43	2		280	10
09	3914	-23	7	74	261	05	5231	-29	4	38	156	09	6795	-39	9	54	267	14	8711	-48	6		258	17
10	3946	-25	3	62	286	11	5246	-34	1	49	290	13	6774	-45	6		301	10	8693	-45	0		274	18
11	3972	-22	7	32	288	19	5290	-30	1	A20	304	17	6848	-40	3		307	27	8754	-51	1		-	
12	4001	-21	3	34	268	17	5322	-29	0	A19	276	17	6893	-36	6	44	278	32	8823	-51	3		-	
13	3994	-23	0	39	280	17	5307	-31	5	A20	284	21	6855	-40	3		286	36	8773	-50	3		-	
14	4063	-19	1	82	254	10	5392	-29	3	76	262	12	6949	-39	1	62	270	34	8869	-51	9		-	
15	4061	-18	8	34	006	02	5397	-27	2	A19	314	05	6967	-38	2	37	292	12	8880	-51	9		289	15
16	4102	-18	1	A17	315	07	5442	-26	4	48	320	08	7020	-37	6	35	334	10	8944	-51	5		349	12
17	4183	-16	1	58	310	06	5533	-24	6	41	294	10	7117	-37	7	38	292	14	9039	-52	7		297	19
18	4116	-17	9	A17			5459	-24	5	A18			7053	-34	9	30			9003	-47	3			
19	4247	-12	6	63	339	18	5623	-19	6	49	331	22	7246	-30	3	52	-		9231	-44	7		-	
20	4269	-12	5	53	264	08	5641	-20	9	34	256	08	7258	-31	7	A20	285	17	9224	-47	6		280	18
21	4207	-14	9	36	313	12	5558	-25	7	34	322	14	7152	-32	6	A20	314	42	9125	-46	1		306	43
22	4183	-13	5	A16			5554	-19	8	36			7169	-33	2	58			9128	-48	7			
23	4026	-20	7	A18	293	28	5353	-29	3	42	292	25	6915	-36	3	A21			8891	-41	3			
24	4096	-19	9	A17	358	15	5436	-25	5	A19			7019	-37	2	37			8948	-51	4			
25	4084	-19	9	A17			5420	-25	8	A19			7000	-37	1	44			8935	-50	7			
26	4025	-21	8	74	330	05	5351	-28	0	63	008	05	6919	-39	5	46	326	12	8823	-51	6		939	17
27	4059	-22	2	29	001	22	5374	-31	5	40	004	22	6920	-41	8				8845	-45	1			
28	3994	-24	6	83	344	23	5296	-34	4	47	344	23	6836	-38	8	A22			8770	-43	1			
29	4026	-22	3	A18	026	17	5346	-30	7	33	026	26	6898	-40	8		-		8832	-45	0		-	
30	4046	-19	1	80	336	08	5381	-27	9	74	336	11	6947	-39	1	67	346	13	8862	-51	4		356	21
31	3987	-21	2	A18	297	07	5308	-30	6	41	303	09	6856	-41	2		304	11	8762	-47	4		299	13
MN	4077	-19	6	39	*		5409	-27	9	38	310	08	6978	-38	2	38	295	14	8907	-49	3	*	*	

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11540	-55	6		313	12	13386	-52	8		322	09	16012	-50	3		317	08	18334	-51	6		336	10
02	11511	-54	6		329	13	13362	-53	6		335	10	15992	-51	4		336	07	18318	-50	4		333	07
03	11496	-53	4		009	12	13351	-53	1		008	10	15982	-51	7		359	08	18304	-50	8		011	05
04	11530	-55	2		042	15	13381	-53	9		050	09	16003	-51	7		024	10	18318	-51	2		356	06
05	11562	-62	3		315	04	13385	-53	8		341	07	16002	-51	9		355	06	18321	-52	0		358	07
06	11530	-53	4		260	10	13398	-50	8		308	04	16049	-49	7		358	06	18381	-50	0		350	08
07	11424	-46	4		306	05	13335	-46	3		191	06	16015	-47	5		324	06	18364	-48	6		317	05
08	11415	-45	2		280	07	13327	-48	2		295	07	16000	-47	9		302	06	18346	-48	2		342	04
09	11416	-43	9		259	12	13334	-46	5		287	09	16013	-48	7		316	06	18358	-49	2		323	04
10	11432	-42	0		274	11	13365	-45	3		273	11	16044	-49	5		288	10	18387	-49	2		316	03
11	11451	-43	7		284	10	13385	-44	1		278	09	16085	-47	4		268	05	18438	-48	5		279	11
12	11475	-46	1		-		13394	-45	9		-		16082	-47	1		256	04	18436	-46	4		250	01
13	11455	-45	0		-		13371	-46	2		-		16056	-46	7		-		18410	-49	2		186	05
14	11511	-46	1		-		13421	-47	4		268	17	16094	-47	8		284	06	18455	-47	7		153	06
15	11506	-47	6		287	09	13414	-46	2		286	08	16104	-48	4		282	08	18462	-48	1		291	02
16	11564	-47	8		321	11	13474	-46	4		305	07	16174	-45	9		327	05	18542	-45	8		304	05
17	11621	-48	3		293	11	13520	-47	1		304	10	16211	-47	1		302	08	18574	-46	8		319	05
18	11677	-46	6				13594	-46	4				16275	-47	5				18629	-47	1			
19	11853	-58	1		-		13717	-49	7		-		16372	-50	6		-		18693	-50	7		-	
20	11821	-52	3		268	15	13725	-48	8		272	10	16368											
21	11798	-47	1		-		13699	-48	8		280	16	16365	-48	9		297	07	18710	-46	8		279	04
22	11745	-50	9				13636	-48	8				16317	-46	2				18680	-47	4			
23	11632	-42	7				13561	-44	7				16270	-44	2				18652	-45	9			
24	11605	-47	0				13518	-44	6				16234											
25	11598	-46	0				13519	-44	4				16234	-45	0				18628	-45	2			
26	11505	-45	9		344	18	13416	-46	6		349	14	16122	-45	2		360	11	18500	-46	0		006	08
27	11567	-44	1				13496	-44	4				16212	-44	3				18603	-44	4			
28	11517	-41	4				13459	-44	1				16187	-43	6				18581	-45	0			
29	11558	-40	8		-		13504	-41	7		-		16241	-42	7		-		18643	-44	6		-	
30	11552	-42	5		006	09	13498	-42	7		350	08	16225	-44	9		015	06	18618	-45	8		034	02
31	11489	-40	6		302	06	13447	-41	9		318	05	16182	-43	6		329	01	18583	-43	1		008	04
MN	11560	-47	8	*	*		13464	-47	3	*	306	07	16146	-47	5	*	324	06	18492	-47	8	*	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	4130	-16	7	A17	349	04	5470	-27	1	61	320	08	7042	-38	2	67	318	17	8960	-52	7		323	26
02	4125	-21	9	69	001	06	5442	-30	9	49	357	09	6994	-40	6		340	21	8898	-53	9		332	34
03	4131	-21	8	58	343	08	5454	-29	4	A19	360	09	7013	-40	0	59	353	12	8923	-52	5		355	13
04	4182	-15	6	A17	027	06	5595	-24	6	62	050	05	7124	-36	6	33	063	07	9050	-52	0		071	12
05	4149	-16	5	A17	268	08	5498	-25	4	28	251	11	7080	-37	2	31	251	16	9006	-51	9		247	16
06	4053	-21	2	A18	217	08	5372	-30	9	59	204	14	6926	-40	8		198	18	8820	-54	7		188	24
07	3940	-24	0	76	145	09	5249	-32	6	74	153	10	6785	-43	4		180	17	8686	-48	6		196	10
08	3897	-24	1	70	232	07	5202	-32	7	36	253	11	6761	-37	5	A22	281	25	8699	-47	4		268	17
09	3931	-24	1	52	256	10	5244	-30	4	73	241	14	6801	-40	7		226	15	8715	-50	9		242	13
10	3946	-25	1	42	269	11	5244	-34	9	52	261	12	6768	-44	0		283	12	8682	-46	2		280	14
11	3992	-20	5	32	293	13	5322	-28	0	35	288	15	6889	-39	3	34	284	17	8809	-51	5		290	18
12	3985	-24	1	80	262	13	5301	-31	0	77	265	15	6846	-42	8		259	19	8752	-48	4		265	28
13	4028	-19	3	30	277	14	5362	-28	1	56	273	14	6925	-40	0	64	267	24	8840	-52	7		266	34
14	4048	-20	7	62	266	05	5382	-27	2	33	278	08	6953	-38	4	63	276	13	8871	-52	7		278	23
15	4069	-19	0	A17	334	06	5407	-27	3	A19	323	06	6974	-39	5	A22	303	05	8881	-52	6		314	08
16	4120	-19	0	61	344	13	5459	-25	9	A19	350	14	7042	-37	0	A22	349	20	8961	-53	2		346	26
17	4145	-18	4	78	296	20	5483	-25	7	78	265	19	7061	-38	3	70	263	22	8976	-52	3		268	27
18	4160	-13	2	32			5529	-20	6	30			7140	-33	1	47			9103	-47	3			
19	4267	-11	8	42	316	11	5644	-19	2	42	298	12	7270	-30	2	A20	303	23	9256	-44	9		302	20
20	4222	-12	6	A16	171	12	5591	-21	9	A18	189	14	7197	-33	8	A21	195	18	9155	-47	7		197	21
21	4218	-12	6	71	266	18	5596	-19	8	70	266	20	7212	-31	9	59	280	23	9176	-47	4		273	29
22	4106	-14	9	78			5466	-22	5	79			7070	-33	1	77			9044	-44	5			
23	4013	-23	6	66	336	12	5321	-33	2	57	353	14	6852	-44	2		358	12	8784	-41	3		343	17
24	4107	-19	1	53			5446	-25	4	38			7031	-36	7	50			8966	-50	9			
25	4093	-18	9	67	346	22	5430	-26	8	66	342	25	7009	-36	4	53			8947	-49	4			
26	4037	-20	9	71	003	11	5360	-30	0	61	357	13	6911	-41	5		347	15	8809	-51	5		004	17
27	4042	-23	6	71	346	23	5361	-30	0	76	349	30	6921	-38	2	69			8857	-48	8			
28	3978	-25	3	A18	014	26	5281	-33	7	30	-		6813	-42	5		-		8755	-40	4		-	
29	4037	-20	8	33	013	10	5359	-30	1	64	013	11	6917	-39	5	67	019	19	8831	-49	5		018	19
30	4012	-20	4	A17	330	06	5335	-29	7	A20	316	09	6891	-40	6		311	13	8799	-50	0		322	14
31	3948	-23	4	55	276	04	5262	-31	0	68	276	06	6810	-41	9		271	10	8705	-50	9		286	12
MN	4068	-19	8	48	*		5400	-27	9	50	* 302	07	6969	-38	6	48	* 286	10	8894	-49	6	*	* 293	13

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11508	-56	7		328	12	13349	-53	9		339	10	15971	-50	9		336	07	18295	-51	6		331	08
02	11476	-53	6		351	15	13330	-52	7		354	11	15953	-51	7		347	06	18273	-51	8		354	08
03	11504	-53	8		016	12	13361	-52	3		021	12	15980	-51	9		014	11	18301	-51	0		020	09
04	11583	-62	8		056	09	13412	-54	7		005	07	16026	-52	9		003	05	18342	-51	6		013	06
05	11549	-59	5		275	10	13390	-53	2		320	06	16021	-51	9		357	06	18347	-51	1		348	07
06	11429	-50	3		251	05	13319	-48	8		303	05	15978	-48	9		332	06	18313	-50	1		346	06
07	11381	-46	8		317	07	13287	-47	1		336	08	15962	-49	2		334	05	18302	-49	1		341	05
08	11392	-46	4		275	15	13300	-47	5		302	09	15970	-48	4		319	07	18313	-49	6		338	04
09	11427	-42	7		268	08	13353	-45	4		282	11	16031	-48	4		310	04	18374	-48	9		322	04
10	11413	-41	8		264	11	13353	-45	3		246	05	16040	-48	9		264	04	18379	-49	2		295	04
11	11457	-44	9		281	15	13376	-46	5		276	15	16065	-47	5		270	10	18415	-48	3		200	02
12	11444	-45	3		275	15	13357	-47	0		277	13	16050	-47	7		262	06	18401	-48	2		251	06
13	11478	-47	4		267	21	13385	-47	3		267	13	16065	-47	8		250	08	18425	-47	7		249	07
14	11482	-47	5		273	12	13385	-46	6		264	09	16059	-49	0		298	08	18409	-48	4		273	08
15	11509	-47	6		309	07	13421	-46	2		299	07	16112	-48	1		312	07	18472	-46	8		332	04
16	11551	-50	1		324	12	13449	-47	7		296	06	16133	-47	9		298	07	18490	-46	4		355	03
17	11619	-48	0		312	19	13523	-47	8		306	14	16201	-46	8		331	09	18566	-46	7		312	09
18	11727	-48	9				13627	-46	5				16297	-49	3				18616	-49	6			
19	11871	-55	4		295	21	13733	-50	4		300	06	16377	-51	8		304	09	18703	-48	6		317	05
20	11783	-49	0		240	10	13673	-48	6		264	14												
21	11781	-53	6		280	24	13653	-47	9		268	17	16326	-48	7		297	11	18680	-48	2		327	06
22	11684	-52	0				13567	-49	0				16252	-48	3				18612	-47	4			
23	11536	-41	9		333	15	13471	-43	9		333	15	16186	-45	3		314	09	18578	-44	5		002	07
24	11585	-48	9				13480	-46	5				16193	-42	8				18575	-45	3			
25	11588	-47	1				13500	-45	2				16206	-44	3				18587	-44	0			
26	11495	-44	8		356	15	13423	-44	2		004	14	16131	-45	8		016	10	18510	-44	7		024	08
27	11532	-45	8				13454	-44	9				16161	-45	7				18537	-46	4			
28	11532	-40	4		-		13489	-41	6		-		16229	-43	2		-		18622	-43	2		-	
29	11535	-42	0		016	12	13477	-42	1		014	14	16203	-45	1		042	11	18588	-45	0		048	07
30	11513	-40	7		344	09	13470	-41	9		347	08	16202	-43	7		004	05	18599	-44	1		058	01
31	11407	-42	3		283	05	13352	-42	8		343	04	16071	-44	6		082	02	18469	-44	8		050	02
MN	11541	-48	3	*	301	09	13443	-47	3	*	309	08	16115	-47	9	*	323	06	18470	-47	7	*	*	

A Statistical Value for Relative Humidity

** Vector Mean Wind*

– Entered under Wind Direction indicates a Stratum of Missing Wind Data

SACHS HARBOUR, N.W.T.

MAY 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	20526	-51	4	317	09															
02	20511	-50	5	338	08	29844	-49	8	349	05	26499	-49	8	028	04					
03	20495	-50	9	001	07	29836														
04	20507	-51	3	360	07	29831	-49	4	350	04										
05	20512	-49	6	019	06	29860	-49	2	359	03	26529	-47	8	351	05					
06	20593	-48	6	348	05	29948	-48	5	346	04										
07	20575	-48	0	340	06	29951	-47	1	317	03										
08	20557	-48	2	339	04	29936	-47	3	072	03										
09	20571	-47	8	358	03	29956	-46	3	201	02										
10	20599	-48	2	306	02	29976	-46	8	159	04										
11	20649	-48	4	324	04	24022	-47	5	263	03	26718	-43	8	170	03					
12	20657	-48	0	263	09	24032	-46	8	266	02	26734	-43	6	275	07	31466	-37	4		
13	20632	-48	4	252	05	24015	-46	6	238	02	26726	-43	2	212	03					
14	20684	-46	3	266	10	24075	-45	8	233	04	26798	-42	3	247	06					
15	20686	-46	7	215	01	24084	-45	0	112	02	26813	-42	4	181	04					
16	20779	-45	8	312	04	24197	-43	1	137	06										
17	20807	-46	1	352	03	24225	-44	0	308	05										
18	20855	-47	3																	
19	20905	-48	9	-		24285	-47	1	051	05	26980	-45	2	053	11					
20																				
21																				
22	20917	-45	6			24321	-44	5			27052	-42	0							
23																				
24																				
25	20894	-43	4			24337	-42	9												
26	20744	-44	6	026	08	24162	-45	1	060	07	26871	-43	7	045	11					
27	20860	-44	3			24283														
28	20827	-44	7			24255	-44	6												
29	20895	-43	0	034	03	24326														
30	20873	-44	8	045	06	24308	-42	0												
31	20854	-42	6	081	04	24290	-42	2	089	07	27047	-40	0							
MN	20702	-47	2	*		24094	-46	0	*		26797	-44	0	*		31466	-37	4	*	

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA		FREEZING LEVELS				TROPOPAUSE (1)					TROPOPAUSE (2)					MAX. WIND LEVEL				
			Lowest		Highest															Velocity	
	$h_0 c_1 h_1 c_2 h_2$	wwa	Code	Alt. gpkm.	Pres mb.	Alt. gpkm.	Pres mb.	Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Alt. gpkm.	Pres mb.	deg.	mps.
01	00900	36 5 01	0					2	10 41	239	-61	6 318	0					9	09 89	260	306	29
02	00902	02 3 03	0					1	10 20	246	-62	0 316	0					9	09 84	261	325	32
03	00901	02 6 03	0					2	08 90	300	-54	9 308	0					9	11 94	187	011	13
04	00901	02 1 05	0					1	10 36	241	-59	1 322	0					9	08 91	302	082	28
05	862--	10 8 04	0					1	11 09	215	-65	8 322	0					9	06 49	437	315	08
06	86300	02 7 14	0					1	10 47	236	-59	9 322	0					9	09 20	288	248	27
07	15600	02 7 24	0					1	08 26	323	-52	8 304	0					9	08 39	316	201	17
08	864--	02 8 02	0					1	07 51	357	-43	8 308	0					9	05 10	908	155	21
09	862--	71 2 10	0					1	08 39	315	-49	9 311	0					9	09 27	275	258	17
10	862--	71 2 12	0					2	06 77	400	-45	6 296	1	15 60	107	-50	1 423	9	08 29	819	272	22
11	854--	71 3 08	0					1	08 64	304	-51	3 312	0					9	06 62	413	304	30
12	15701	02 7 09	0					1	09 21	282	-53	5 316	0					9	07 00	395	278	34
13	75400	02 2 09	0					1	08 69	303	-50	4 313	0					9	07 17	982	286	42
14	75400	02 5 02	0					2	08 76	304	-51	7 312	0					9	08 62	311	272	44
15	00901	02 1 05	2	0 24	980	1 21	868	1	09 57	268	-56	0 316	1	15 24	114	-48	3 418	9	08 91	298	290	15
16	00901	02 2 14	2	0 14	996	1 04	890	1	09 77	263	-56	7 317	0					9	09 46	276	349	15
17	00901	02 5 00	3	0 33	981	1 25	875	1	10 27	246	-61	5 316	0					9	08 22	339	292	20
18	75400	02 2 10	2	0 23	991	0 74	931	2	09 63	272	-49	9 324	0					1	01 00	901	297	25
19	861--	02 2 11	0					1	11 88	199	-58	1 341	0					9	06 81	424	336	34
20	76300	01 8 15	3	0 61	954	1 60	843	2	10 82	233	-59	2 324	7	14 35	132	-52	0 394	7	08 14	353	283	18
21	00901	02 2 08	1	2 14	783	2 14	783	1	10 04	261	-49	4 328	0					8	08 05	353	313	46
22	00901	02 8 03	1	0 86	917	0 86	917	1	11 13	220	-56	0 334	0					1	01 66	830	277	23
23	862--	26 8 03	0					1	08 34	325	-40	5 321	0					3	05 01	924	293	31
24	861--	02 1 16	0					2	08 96	299	-51	5 313	0					1	04 62	558	001	30
25	862--	02 3 02	0					1	09 01	296	-51	3 314	0					1	03 72	630	344	26
26	61301	22 7 16	0					1	08 51	314	-53	2 306	0					9	09 52	269	340	19
27	863--	71 1 06	0					1	08 09	356	-45	8 311	0					1	05 95	460	006	34
28	864--	02 6 04	0					1	08 00	336	-46	8 309	0					3	04 32	573	345	26
29	864--	71 1 09	0					1	08 40	320	-45	8 315	0					9	06 73	410	022	42
30	86300	71 7 11	0					1	08 70	307	-51	7 311	0					9	08 63	302	356	21
31	872--	71 8 05	0					1	07 83	345	-49	7 303	0					9	07 71	352	302	14
	MEAN								09 25	287	-53	1 316		15 13	118	-50	1 412					

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	20480	-51	3	344	07	23799	-51	6	356	06	26440	-49	9	004	08					
02	20457	-51	2	360	05	23779	-50	2	032	04	26430	-49	2	005	09					
03	20491	-50	7	022	07	23821	-50	8	357	04	26480	-48	7	026	07					
04	20534	-51	3	027	05	23869	-50	2	026	07	26526	-48	7	024	06	31169	-38	6		
05	20544	-50	6	349	05	23890	-49	0	002	05	26560	-47	4	069	05					
06	20511	-50	0	355	05	23861	-48	9	347	05	26534	-45	8	058	04					
07	20503	-50	6	037	07	23857	-48	3	356	05	26535	-46	4	098	05					
08	20520	-48	8	356	03	23883	-47	3	056	04										
09	20581	-48	8	036	02	23953	-46	3	201	03	26656	-44	8	144	06	31364	-36	4	147	08
10	20590	-48	2	330	02	23965	-46	0	245	01	26667	-44	7	157	06	31388	-34	4		
11	20624	-49	5	265	05	23993	-47	2	308	08										
12	20619	-48	6	254	05	23996														
13	20650	-48	0	120	11	24040	-45	9	119	04										
14	20629	-48	3	180	04	24015	-46	0	133	05	26727	-43	2	142	08					
15	20701	-46	6	287	02	24100	-44	9	069	04	26822	-43	2	112	08					
16	20715	-47	4	346	05	24119	-44	0	050	05	26837	-44	1	080	07					
17	20794	-47	4	338	04	24194	-44	4	336	04										
18	20830																			
19	20920	-47	4	348	02	24300	-45	6	055	05	27005	-44	8	073	09					
20																				
21	20902	-46	9	344	02	24296	-46	1	360	04										
22	20843	-46	9			24245	-45	4			26967	-42	8							
23	20822	-45	6	360	05	24246	-43	6	018	09										
24	20829	-45	0																	
25	20846	-43	5			24271	-44	1												
26	20759	-45	1	012	11	24167	-45	9	056	10										
27	20768	-46	6			24162	-48	0												
28	20877	-44	3	094	06	24308	-44	2	107	13	27033	-42	6	112	12					
29	20830	-45	5	024	04	24252	-43	4	085	08										
30	20855	-44	0	041	07	24284	-44	6	074	07										
31	20711	-43	9	098	07	24133	-44	3	127	08	26863	-41	5	069	12					
MN	20691	-47	7	* 16	03	24064	-46	5	* 50	03	26693	-45	5	*		31307	-36	5	*	

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA		FREEZING LEVELS				TROPOPAUSE (1)					TROPOPAUSE (2)					MAX. WIND LEVEL				
			Lowest		Highest															Velocity	
	$h_0 c_1 h_1 c_2 h_2$	wwa	Code	Alt. gpkm.	Pres mb.	Alt. gpkm.	Pres mb.	Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Alt. gpkm.	Pres mb.	Temp. °C	θ °A	Code	Alt. gpkm.	Pres mb.	deg.	mps.
01	00906	03 1 08	0					1	10 63	230	-62	4 321	0					9	08 63	314	321	29
02	00901	02 3 02	0					2	09 36	278	-57	2 311	0					9	08 96	297	332	34
03	00906	02 4 00	0					2	09 82	260	-56	8 318	0					9	09 94	255	015	14
04	860--	44 2 06	0					1	11 18	213	-65	0 323	0					9	10 87	224	076	13
05	861--	44 8 04	0					2	10 60	232	-62	7 319	0					9	09 94	258	248	19
06	863--	02 8 13	0					2	09 12	285	-56	6 310	0					9	08 97	293	188	25
07	6557-	02 6 13	3	0 54	936	0 57	932	1	08 13	326	-49	9 308	0					9	07 34	368	185	24
08	864--	02 3 04	0					1	08 44	311	-47	8 315	0					9	07 40	365	272	27
09	864--	02 1 14	0					1	08 64	303	-51	6 312	0					9	07 40	366	226	18
10	863--	02 2 09	0					2	07 10	381	-45	6 300	2	13 43	148	-45	6 395	9	07 36	367	285	18
11	863--	71 1 02	0					1	09 49	269	-55	8 316	0					9	10 09	246	284	20
12	864--	71 6 04	0					2	07 54	361	-47	2 303	0					9	08 37	318	284	31
13	863--	02 3 01	0					2	09 10	287	-53	9 313	0					9	08 51	315	284	38
14	65670	02 5 05	3	0 17	987	1 12	877	1	09 63	265	-56	7 316	0					9	08 92	297	275	23
15	10830	02 2 08	3	0 54	945	1 10	880	1	09 67	264	-55	7 318	0					9	10 17	248	320	10
16	75600	02 2 13	0					1	10 11	250	-59	9 317	0					9	09 27	285	345	28
17	6743-	02 7 15	3	0 44	964	1 37	858	1	09 15	292	-53	6 313	0					9	09 28	286	269	28
18	864--	02 3 21	0					2	10 94	240	-54	9 328	2	16 63	095	-50	8 436	2	02 05	789	332	24
19	854--	02 6 01	0					2	11 28	219	-56	7 334	2	15 59	113	-51	6 419	9	10 30	256	299	24
20	10931	02 8 21	3	0 25	990	1 98	800	2	10 07	260	-54	4 322	0					7	09 36	291	196	23
21	66230	10 1 03	3	0 11	004	2 06	792	2	10 16	257	-55	0 322	0					9	08 87	313	273	31
22	862--	02 7 08	0					1	10 73	231	-54	5 332	1	16 06	103	-48	7 429	1	03 63	639	280	28
23	862--	71 2 18	0					1	07 29	374	-45	7 301	0					9	13 14	157	329	18
24	863--	02 8 01	0					1	09 78	264	-55	6 318	1	17 45	083	-46	8 461	1	04 02	607	338	24
25	854--	02 7 09	0					1	09 84	261	-55	1 320	1	17 70	080	-47	7 463	1	06 68	419	346	33
26	854--	02 2 17	0					2	08 28	325	-51	5 306	0					9	09 33	277	356	19
27	863--	71 7 15	0					1	09 23	282	-50	9 319	0					3	05 48	492	350	31
28	854--	15 2 10	0					1	07 50	362	-44	1 307	0					9	04 94	524	013	35
29	873--	70 8 07	0					1	08 43	319	-49	6 310	0					9	06 61	406	021	19
30	872--	71 7 16	0					1	08 67	305	-50	6 313	0					9	07 78	350	324	17
31	862--	02 7 03	0					1	08 36	316	-51	8 308	0					1	27 67	018	089	14
	MEAN								09 29	285	-53	8 315		16 14	104	-48	5 433					

A — *Statistical Value for Relative Humidity*

* — *Vector Mean Wind*

\- — *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.

JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	0999	-02	6 82	068	05	0073					0470	-06	0 82	073	02	0898	-09	7 83	110	02
02	1000	-00	1 71	135	08	0085	-00	1 71	135	08	0490	-02	1 64	156	09	0924	-02	0 62	162	06
03	1005	001	7 70	158	10	0124	001	2 64	158	11	0535	003	6 38	171	11	0975	003	0 35	181	05
04	1004	004	6 69	112	08	0116	004	5 69	115	09	0530	006	6 57	139	11	0979	006	4 37	138	09
05	0999	003	9 75	120	18	0078					0500	010	0 52	135	21	0946	010	4 65	144	14
06	0999	001	5 86	135	13	0076					0490	003	7 69	150	20	0935	009	6 41	158	17
07	0996	000	1 86	195	03	0055					0460	-00	5 89	152	04	0898	000	3 93	158	06
08	1000	000	7 94	315	06	0084	000	7 94	315	06	0495	-02	0 91	348	07	0925	-00	7 92	346	06
09	0998	000	1 88	350	07	0066					0470	-01	1 88	004	08	0906	-02	4 88	358	09
10	1009	-00	3 91	225	03	0158	-00	8 90	226	03	0560	-03	0 85	296	01	0997	-01	0 74	348	04
11	1002	004	5 85	120	07	0100	004	4 85	121	08	0505	000	5 86	117	07	0947	000	6 71	087	06
12	0995	006	6 87	045	06	0045					0470	003	6 74	096	03	0905	005	6 41	138	02
13	0999	006	6 80	030	08	0075					0490	005	9 82	035	04	0937	005	4 83	293	02
14	1005	006	2 80	360	03	0121	005	8 80	356	03	0540	003	2 82	347	02	0980	004	6 34	337	04
15	1010	007	4 89	225	02	0169	006	7 -	-		0590	003	2 -	-		1026	004	6 -	-	
16	1009	006	2 84	180	02	0156	005	8 83	156	03	0580	003	8 77	132	05	1018	007	1 A13	129	05
17	1005	002	6 92	225	04	0121	002	2 91	207	04	0535	004	0 83	145	05	0979	007	0 34	197	03
18	1005	000	1 100	225	05	0122	-00	1 97	230	05	0525	003	4 90	237	05	0972	002	8 86	242	06
19	0999	003	2 92	360	08	0073					0490	001	8 86	001	04	0922	001	2 78	331	02
20	1000	-00	2 94	315	09	0087	-00	2 94	315	09	0490	-00	6 93	004	07	0929	-01	6 92	020	07
21	1006	006	1 84	022	05	0132	005	6 83	023	05	0550	001	9 85	043	05	0982	-01	5 89	049	04
22	1007	005	5 73	045	05	0143	005	0 74	044	04	0550	001	4 81	046	03	0991	000	0 75	011	03
23	1002	003	7 78	158	09	0102	003	6 78	158	09	0510	001	1 77	142	08	0950	002	0 36	123	05
24	0995	006	2 78	150	09	0042					0460	006	5 44	127	11	0906	005	2 93	109	06
25	0994	011	0 60	130	18	0034					0455	007	3 59	125	20	0901	004	1 92	125	25
26	0993	008	3 83	112	11	0028					0450	006	8 80	133	12	0895	007	4 80	152	09
27	0998	013	0 50	068	09	0070					0490	008	3 53	068	08	0938	003	6 56	063	07
28	0999	008	6 66	202	03	0073					0490	007	4 48	058	03	0938	003	5 55	069	05
29	1001	007	4 74	202	02	0091	007	4 74	202	02	0505	004	4 78	130	03	0949	001	3 82	114	05
30	1006	009	2 76	248	02	0136	008	9 76	246	02	0560	006	1 77	175	02	1000	002	9 78	190	01
MN	1001	04	4 81	*		95	03	6 81	*		508	03	0 74	*		948	02	7 64	*	

CONSTANT PRESSURE DATA — 00 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1342	-07	2 81	122	01	1813	-10	4 79	272	01	2310	-13	1 78	250	02	2832	-15	2 78	263	03
02	1377	-03	9 58	172	03	1856	-04	6 33	258	04	2355	-08	2 39	279	05	2893	-11	6 42	294	07
03	1436	000	4 34	191	03	1920	-03	0 45	271	04	2440	-04	7 62	277	05	2968	-09	4 72	273	04
04	1445	003	9 28	129	09	1936	000	5 38	126	09	2450	-03	3 39	137	08	2992	-06	8 30	150	06
05	1420	007	4 67	146	10	1917	003	4 70	141	07	2445	-01	0 73	131	07	2985	-05	2 56	144	07
06	1409	007	9 64	161	13	1907	004	0 71	148	08	2430	-00	2 78	127	08	2975	-04	4 86	134	09
07	1362	004	2 97	173	07	1855	001	1 96	183	09	2370	-02	2 95	182	11	2916	-04	5 60	179	14
08	1385	002	1 73	334	07	1876	002	0 A14	336	09	2395	-00	4 A14	334	07	2943	-03	4 A14	322	04
09	1358	-03	8 89	349	10	1837	-05	1 89	353	09	2345	-03	4 89	051	02	2891	-06	4 84	130	03
10	1455	000	4 27	336	07	1942	-01	1 29	323	07	2455	-02	8 37	299	07	3000	-06	2 28	287	08
11	1410	003	8 38	096	05	1902	002	8 21	078	05	2425	000	2 A14	077	03	2970	-03	6 A14	060	04
12	1371	003	3 42	174	02	1862	001	3 32	187	04	2385	-02	0 38	200	06	2926	-04	3 25	196	05
13	1404	003	8 81	256	02	1895	000	7 79	238	03	2410	-02	7 77	199	05	2954	-06	6 75	184	06
14	1444	003	1 44	318	05	1934	000	2 32	298	07	2455	-03	7 51	301	08	2993	-04	4 A14	302	08
15	1489	003	1 -	-		1980	001	7 A14	317	04	2500	-00	2 A14	314	07	3047	-03	7 A14	312	07
16	1487	006	1 A13	123	03	1983	003	2 34	116	02	2495	-00	5 34	173	01	3050	-04	4 33	208	01
17	1448	005	9 A13	168	04	1941	001	5 55	181	04	2455	-03	1 67	157	04	3001	-05	9 72	143	07
18	1493	001	4 79	266	07	1922	-00	2 63	261	08	2440	-02	6 39	261	09	2981	-06	2 34	245	08
19	1380	-01	1 74	337	03	1863	-03	3 83	001	03	2370	-05	6 77	014	02	2910	-08	1 53	008	01
20	1382	-03	8 93	015	09	1860	-06	2 93	007	08	2365	-07	7 91	017	08	2899	-10	4 89	023	07
21	1435	-04	2 90	049	05	1913	-04	8 54	037	07	2420	-08	4 59	026	07	2951	-10	6 43	020	08
22	1449	-00	7 25	359	03	1932	-03	1 34	007	03	2440	-05	6 43	358	04	2980	-07	4 31	336	04
23	1411	000	8 33	124	03	1897	-01	7 23	200	02	2405	-04	6 22	247	03	2948	-07	6 23	276	03
24	1370	003	1 38	129	06	1860	001	1 A14	156	04	2375	-01	8 A14	144	05	2921	-04	8 A15	129	03
25	1367	004	8 A13	130	21	1860	003	1 A13	127	14	2380	000	3 A14	125	14	2928	-05	5 A15	116	13
26	1365	005	A 78	161	08	1859	002	4 79	161	10	2370	-00	9 79	166	10	2925	-04	4 79	163	09
27	1400	002	6 A13	055	09	1890	001	4 A14	061	08	2410	-01	4 A14	054	07	2952	-05	0 33	067	06
28	1398	-00	7 62	055	05	1882	-01	3 44	021	02	2385	-03	2 33	346	04	2938	-05	4 A15	326	06
29	1407	-02	0 86	094	05	1888	-04	0 78	086	03	2395	-03	5 43	036	01	2942	-05	0 23	279	01
30	1460	-00	3 79	088	02	1944	-01	3 60	268	02	2460	-02	4 23	280	03	3003	-05	5 58	297	07
MN	1410	01	5 56	105	02	1898	-00	7 49	*		2411	-03	3 48	*		2954	-06	4 44	196	01

CONSTANT PRESSURE DATA — 12 GMT.

Day	SURFACE					1000 MBS					950 MBS					900 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	0999	-05	3 88	112	07	0073					0470	-05	4 80	120	04	0899	-07	2 77	109	03
02	1003	-03	2 77	135	08	0106	-02	9 75	138	08	0505	003	6 50	161	09	0955	001	9 58	170	05
03	1006	000	5 91	112	08	0129	001	8 81	116	08	0550	006	0 38	133	07	0990	005	1 29	137	06
04	1002	001	4 86	112	12	0099	001	5 82	119	13	0510	008	1 31	138	19	0962	007	9 45	149	17
05	0998	000	7 89	112	15	0069					0490	007	9 54	136	21	0932	008	9 40	147	22
06	0997	-00	1 94	120	10	0060					0475	-01	7 87	143	15	0902	002	5 91	148	11
07	0998	-00	6 99	180	03	0065					0470	-02	6 90	229	03	0903	-00	3 89	219	04
08	0999	-00	2 97	360	08	0072					0480	-00	8 95	009	12	0913	-01	4 92	019	10
09	1003	-01	1 100	290	10	0104	-01	2 100	290	10	0505	-02	6 98	311	09	0940	-04	0 96	309	07
10	1008	-00	1 83	112	06	0145	-00	3 83	116	06	0555	-00	3 79	121	04	0990	002	3 70	107	05
11	0997	000	1 97	080	09	0063					0475	-00	8 89	098	05	0909	003	2 71	110	06
12	0997	002	5 87	045	06	0059					0480	006	3 84	080	04	0921	005	1 82	129	03
13	1001	002	0 97	045	06	0095	002	1 97	045	06	0510	005	1 96	038	02	0954	003	7 81	295	03
14	1008	000	6 100	045	06	0147	000	4 94	048	05	0560	004	1 72	019	03	1002	004	1 28	341	03
15	1011	002	6 95	112	08	0168	002	0 93	112	07	0585	005	1 75	110	05	1025	005	9 A13	105	03
16	1007	004	8 83	090	05	0139	005	2 77	088	05	0560	007	6 42	054	03	1006	007	4 A13	128	02
17	1004	000	4 97	180	05	0114	000	1 95	180	05	0525	003	0 93	220	05	0966	004	2 91	245	05
18	1003	-01	3 98	338	05	0107	-01	5 96	332	05	0515	003	5 80	300	05	0956	004	5 56	280	04
19	0998	-00	3 94	314	12	0064					0475	-02	8 89	326	13	0902	-02	6 90	327	11
20	1004	002	1 97	360	03	0117	002	0 97	008	03	0525	000	4 96	043	03	0962	-01	4 96	047	04
21	1007	003	8 83	045	04	0140	003	4 81	040	04	0545	001	4 65	011	03	0989	-00	8 49	360	03
22	1006	-00	2 100	158	08	0129	-00	2 99	163	08	0535	-01	5 94	190	05	0970	-01	6 83	265	02
23	0998	002	6 72	120	08	0064					0480	005	6 36	161	09	0923	004	9 22	168	07
24	0994	003	8 78	112	11	0037					0450	004	6 46	140	16	0897	006	8 A13	148	10
25	0993	006	7 80	090	12	0026					0440	003	6 76	111	17	0884	004	5 83	111	21
26	0997	006	8 82	090	08	0060					0475	006	9 75	111	09	0924	005	2 73	111	09
27	1000	005	7 73	045	06	0085	005	7 73	045	06	0490	004	8 66	132	07	0943	002	0 62	046	06
28	0999	005	9 71	135	03	0074					0495	004	4 68	106	05	0931	001	5 74	093	06
29	1003	006	8 78	045	03	0109	006	7 76	063	04	0520	004	2 63	108	05	0966	000	2 72	114	04
30	1008	006	6 78	040	01	0149	007	7 73	075	02	0575	005	9 70	122	03	1012	002	7 72	137	04
MN	1002	01	8 88	*		96	01	9 87	*		508	02	8 73	*		948	02	5 63	*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	850 MBS					800 MBS					750 MBS					700 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	1346	-07	2 76	129	01	1818	-09	6 76	197	02	2315	-12	3 75	233	02	2839	-15	0 75	244	03
02	1414	-01	3 63	191	03	1896	-03	3 47	232	05	2405	-06	0 36	260	06	2940	-09	5 33	270	07
03	1454	002	6 31	152	04	1942	-00	9 60	167	02	2450	-04	9 70	186	02	2992	-09	1 78	213	01
04	1431	004	4 56	156	12	1922	000	6 57	130	07	2430	-03	6 67	127	08	2979	-08	7 42	129	06
05	1403	006	3 45	160	18	1899	002	8 63	167	14	2410	-01	5 77	164	10	2963	-05	6 87	187	04
06	1365	003	7 92	148	12	1858	002	8 93	151	14	2380	000	9 88	158	14	2929	-04	0 77	156	12
07	1362	000	6 93	189	05	1849	-01	6 92	242	06	2360	-03	0 75	274	08	2907	-04	7 67	223	07
08	1368	-02	1 90	015	07	1855	001	7 28	012	08	2370	-01	4 26	018	08	2918	-04	7 24	016	05
09	1391	-04	9 94	316	08	1869	-05	1 96	315	08	2380	-05	3 97	302	09	2917	-07	3 94	309	07
10	1453	002	8 26	102	03	1943	000	9 23	102	03	2455	-01	0 A14	073	01	3006	-04	3 26	108	01
11	1371	001	6 59	115	05	1859	000	1 47	103	04	2375	-01	9 34	048	03	2921	-04	5 A15	059	04
12	1386	003	2 80	188	03	1877	001	0 77	211	05	2390	-02	1 77	204	08	2937	-06	6 78	196	07
13	1419	002	9 77	281	04	1907	-01	2 83	255	04	2425	-04	2 81	240	03	2961	-07	1 70	290	01
14	1465	002	6 25	308	04	1953	-01	7 A14	313	08	2465	-01	7 A14	313	08	3014	-05	1 38	312	10
15	1491	004	6 A13	080	02	1984	003	0 A13	343	02	2505	-00	2 35	294	03	3052	-04	0 35	290	05
16	1474	005	8 A13	132	02	1968	003	4 A13	141	02	2490	-00	3 38	158	03	3036	-03	8 36	144	03
17	1429	002	0 88	235	03	1918	-00	8 85	192	03	2430	-04	6 87	204	03	2970	-08	1 83	223	04
18	1419	001	6 58	241	05	1906	-01	6 59	229	05	2410	-05	0 61	208	04	2956	-07	3 32	219	05
19	1394	-04	0 83	323	09	1833	-04	5 54	313	10	2340	-07	3 47	306	10	2873	-10	5 42	309	08
20	1416	-03	3 94	038	05	1895	-05	6 93	046	08	2390	-08	5 91	038	09	2931	-11	5 88	038	10
21	1444	-02	1 52	027	04	1926	-04	4 55	028	05	2440	-07	1 38	034	06	2969	-09	2 38	046	08
22	1427	-01	2 32	283	03	1909	-03	0 26	286	05	2410	-05	2 22	268	05	2957	-08	4 24	277	05
23	1386	003	1 A13	177	04	1876	000	9 A14	181	04	2385	-01	8 A14	218	02	2936	-05	6 A15	223	01
24	1364	003	9 A13	144	10	1855	000	8 A14	136	08	2380	-01	2 A14	128	09	2917	-04	8 A15	117	08
25	1348	002	3 83	104	23	1837	-00	1 82	-		2350	-02	7 82	-		2896	-05	6 82	-	
26	1388	002	9 80	095	08	1879	001	5 77	079	08	2400	-00	7 72	084	07	2945	-04	7 71	044	06
27	1403	000	7 31	053	05	1890	-00	2 23	049	05	2400	-02	6 A14	032	04	2948	-05	6 A15	037	04
28	1390	-01	7 79	063	06	1873	-00	1 26	067	04	2400	-03	2 53	047	02	2932	-04	8 48	013	01
29	1421	-02	8 74	136	03	1905	-01	2 47	203	01	2430	-02	7 33	332	03	2962	-05	9 38	311	07
30	1472	-00	7 75	176	02	1958	-00	6 49	269	05	2480	-02	9 70	272	08	3017	-05	3 76	274	06
MN	1408	00	9 60	123	02	1895	-00	9 54	*		2408	-03	8 53	*		2951	-06	6 51	270	01

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

– *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.

JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment.

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3983	-20	9	76	241	05	5308	-29	6	71	253	07	6864	-40	7		259	10	8774	-49	9		257	13
02	4057	-19	4	29	311	10	5384	-29	9	A20	327	14	6930	-42	9		326	16	8822	-49	8		287	09
03	4147	-16	2	A17	303	08	5490	-27	5	A19	289	10	7054	-39	9	33	281	11	8961	-54	0		287	14
04	4178	-15	1	34	183	03	5529	-25	5	A19	240	01	7108	-37	7	A22	336	03	9039	-50	0		322	09
05	4177	-12	8	31	127	10	5543	-22	2	29	135	04	7155	-31	8	47	295	04	9135	-46	4		228	11
06	4179	-10	9	80	159	08	5557	-19	1	61	187	07	7181	-30	3	61	210	13	9161	-46	0		200	21
07	4123	-09	0	A15	190	14	5507	-19	7	A17	184	16	7121	-32	9	A20	181	25	9093	-46	4		187	33
08	4145	-10	5	39	226	04	5528	-19	1	61	185	13	7150	-30	8	50	188	15	9117	-48	2		197	20
09	4079	-12	9	26	060	04	5440	-23	7	27	045	08	7037	-34	7	A21	007	14	8997	-44	1		026	08
10	4192	-13	0	A16	277	09	5557	-22	1	A18	266	12	7161	-33	3	A20	242	13	9114	-49	4		233	22
11	4168	-12	3	A16	070	05	5535	-22	4	A18	111	02	7135	-34	6	A21	274	04	9091	-46	8		252	10
12	4125	-13	0	64	195	06	5496	-21	1	34	202	07	7102	-34	1	A21	192	10	9057	-49	3		184	11
13	4143	-13	6	49	192	04	5504	-23	0	64	242	03	7098	-35	5	53	219	06	9032	-48	8		222	05
14	4189	-13	7	47	302	09	5549	-22	2	A18	291	15	7152	-33	4	A20	297	22	9104	-48	1		297	23
15	4247	-11	9	24	303	10	5618	-21	0	A18	311	12	7234	-31	5	A20	327	20	9208	-46	6		329	24
16	4247	-19	2	77	021	04	5623	-21	2	56	147	02	7238	-31	2	A20	172	04	9204	-48	1		203	06
17	4190	-14	6	83	116	05	5549	-23	0	79	109	06	7144	-35	5	73	105	14	9089	-48	5		128	15
18	4169	-14	7	30	231	07	5521	-25	1	33	240	11	7101	-37	5	A22	247	22	9031	-49	1		233	13
19	4093	-16	1	38	282	05	5449	-23	7	73	216	05	7043	-34	6	72	182	19	8982	-51	4		196	22
20	4068	-18	6	85	024	05	5401	-28	2	78	057	09	6963	-39	3	33	080	17	8898	-44	1		092	02
21	4123	-16	7	A17	029	12	5468	-26	3	33	028	14	7042	-37	9	A22	035	18	8966	-51	4		038	17
22	4163	-15	3	27	348	05	5515	-25	3	A18	347	07	7094	-38	2	34	346	11	9016	-51	2		333	12
23	4132	-14	7	A16	299	06	5486	-24	6	A18	313	10	7074	-36	0	A21	318	13	9015	-49	9		292	13
24	4119	-12	9	A16	061	02	5478	-23	1	A18	049	03	7069	-36	3	A21	293	04	9019	-47	7		292	12
25	4120	-12	4	A16	111	17	5491	-21	1	A18	109	05	7111	-30	2	49	156	04	9090	-46	9		177	05
26	4123	-12	1	81	166	08	5496	-20	9	A18	162	07	7101	-34	1	A21	134	09	9049	-48	2		156	09
27	4149	-11	4	29	062	03	5526	-20	0	52	300	03	7146	-31	9	42	276	07	9108	-48	3		248	13
28	4134	-11	6	A16	326	03	5510	-19	9	28	303	04	7124	-32	9	46	279	05	9083	-48	4		271	09
29	4139	-12	9	34	133	02	5506	-21	4	73	206	03	7114	-33	2	75	158	03	9069	-48	4		154	08
30	4197	-12	4	46	294	13	5565	-21	9	44	297	12	7168	-33	9	30	287	14	9121	-48	9		286	16
MN	4143	-19	8	39	*		5504	-23	1	38	* 273	02	7100	-34	9	35	* 261	03	9048	-48	5		* 250	07

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11488	-41	4		250	06	13442	-42	0		256	02	16181	-42	4		173	03	18582	-43	1		155	03
02	11539	-41	1		250	04	13485	-42	6		226	04	16221	-42	7		210	03	18622	-44	5			
03	11615	-44	8		252	06	13549	-43	6		240	06	16273	-44	1		229	04	18668	-44	5		220	04
04	11701	-45	2		279	11	13620	-45	4		267	04	16330	-44	7		246	04	18720	-44	5		246	04
05	11767	-47	0		298	10	13676	-46	0		255	06	16389	-44	1		259	05	18783	-44	7		249	04
06	11795	-48	5		214	12	13706	-44	8		214	08	16411	-44	8		124	03	18801	-44	1		242	03
07	11761	-48	2		192	15	13675	-45	5		207	11	16381	-43	8		295	06	18764	-45	0		320	03
08	11764	-44	7		201	10	13700	-43	2		191	06	16430	-43	2		217	05	18830	-43	2		154	02
09	11738	-42	4		179	06	13688	-41	4		204	06	16424	-43	4		197	06	18816	-43	9		238	02
10	11808	-42	8		229	12	13750	-42	6		198	07	16482	-42	9		204	03	18878	-44	9		232	06
11	11771	-43	1		211	09	13706	-43	1		200	06	16439	-43	6		212	05	18829	-43	9		159	03
12	11743	-41	3		203	07	13692	-42	8		221	04	16417	-43	3		214	02	18808	-44	3		165	03
13	11731	-42	1		252	07	13674	-43	8		254	04	16384	-45	0		174	03	18770	-44	7		137	02
14	11779	-43	1		259	03	13718	-43	8		276	08	16423	-45	5		277	01	18807	-44	4		359	01
15	11844	-46	6		293	08	13767	-44	8		280	02	16469	-45	3		277	04	18848	-45	1		117	02
16	11812	-47	2		240	06	13791	-45	1		236	05	16435	-44	9		225	02	18819	-44	7		106	02
17	11756	-45	1		197	05	13678	-45	4		209	03	16396	-44	3		222	02	18791	-44	1		138	01
18	11722	-43	9		219	12	13657	-43	3		258	05	16388	-42	8		259	02	18797	-43	6		130	04
19	11679	-43	0		236	07	13621	-42	7		276	04	16362	-43	6		239	03	18763	-43	0		241	02
20	11637	-41	7		256	07	13583	-42	9		253	05	16317	-43	7		296	04	18714	-43	3		287	01
21	11665	-42	8		202	03	13607	-42	3		243	07	16345	-43	3		266	03	18751	-42	2		000	00
22	11673	-43	4		295	02	13615	-42	8		294	05	16352	-42	0		284	03	18763	-42	2		283	01
23	11660	-44	6		280	06	13599	-42	8		255	04	16338	-42	3		272	04	18754	-41	6		278	01
24	11677	-45	1		279	08	13614	-42	2		276	06	16353	-41	7		286	04						
25	11729	-46	1		224	06	13695	-44	5		234	07	16384	-43	1		218	04						
26	11751	-44	0		158	05	13691	-42	9		224	03	16427	-42	6		242	03						
27	11749	-45	4		264	07	13678	-43	6		277	04	16404	-43	1		292	04	18809	-43	2		958	03
28	11730	-44	9		286	06	13660	-44	1		290	05	16382	-43	8		310	04	18785	-42	2		946	03
29	11740	-44	3		266	10	13669	-43	6		274	07	16394	-43	3		274	04	18800	-42	1		283	02
30	11780	-44	3		273	12	13717	-43	6		283	11	16443	-43	4		285	06	18848	-42	6		285	03
MN	11720	-44	3		* 237	06	13654	-43	6		* 242	05	16379	-43	6		* 247	03	18775	-43	7		*	

CONSTANT PRESSURE DATA — 12 GMT.

Day	600 MBS					500 MBS					400 MBS					300 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	3990	-21	4	71	259	05	5314	-30	0	66	256	06	6865	-41	3		240	10	8764	-49	8		239	11
02	4113	-17	4	27	279	11	5452	-26	9	69	284	12	7020	-39	7	62	294	15	8924	-53	0		291	17
03	4168	-17	0	54	202	03	5508	-27	4	49	226	04	7074	-39	6	48	286	07	8979	-54	1		290	13
04	4168	-14	1	A16	119	05	5526	-23	7	A18	142	04	7119	-35	0	A21	000	00	9066	-47	9		282	17
05	4157	-12	7	85	167	08	5521	-22	3	63	193	10	7129	-32	6	66	224	13	9094	-48	0		225	21
06	4129	-10	3	31	160	15	5514	-19	4	49	171	10	7134	-31	2	68	176	14	9107	-46	6		181	25
07	4111	-10	4	A15	194	12	5490	-19	9	A17	196	15	7107	-32	3	31	190	22	9079	-46	1		188	32
08	4112	-10	7	79	112	08	5491	-19	7	78	155	08	7108	-32	3	78	142	09	9066	-49	1		131	13
09	4104	-14	5	84	284	08	5461	-23	7	76	287	10	7054	-35	2	39	286	16	9002	-46	1		280	10
10	4201	-13	2	52	239	03	5567	-22	4	39	193	03	7165	-34	8	43	199	09	9125	-45	4		225	12
11	4120	-12	1	A16	080	05	5488	-21	7	29	147	05	7088	-35	2	43	150	05	9065	-48	3		161	07
12	4127	-13	3	72	196	04	5491	-22	9	46	200	03	7087	-34	8	52	209	07	9033	-49	9		183	11
13	4150	-14	3	38	335	06	5512	-23	0	A18	336	06	7103	-35	0	A21	309	14	9046	-49	5		307	16
14	4207	-13	4	32	306	14	5569	-23	0	A18	305	18	7165	-34	8	A21	313	22	9116	-48	6		310	23
15	4248	-12	6	64	290	06	5623	-20	5	57	310	06	7241	-30	7	A20	330	10	9212	-47	4		320	11
16	4231	-12	6	94	191	03	5603	-21	5	53	147	04	7213	-31	3	A20	186	08	9180	-47	3		178	09
17	4152	-15	3	60	203	04	5503	-24	8	36	226	05	7088	-36	8	54	183	05	9016	-51	4		124	07
18	4142	-14	9	55	230	07	5496	-24	6	68	234	13	7082	-36	3	72	215	27	9007	-52	1		238	28
19	4043	-17	6	31	294	08	5384	-26	4	A19	223	07	6962	-37	7	A22	213	13	8899	-45	0		216	09
20	4098	-18	4	82	041	12	5436	-27	2	76	055	09	7008	-38	3	69	044	13	8931	-47	4		050	12
21	4149	-15	6	A17	049	09	5500	-24	8	28	035	13	7081	-37	4	A22	036	17	9010	-51	2		029	18
22	4137	-15	7	A17	300	09	5487	-25	5	A19	306	10	7065	-37	9	A22	322	13	9001	-50	4		335	17
23	4125	-13	8	A16	323	02	5484	-23	7	A18	324	08	7072	-36	7	A22	311	07	9006	-50	7		284	13
24	4114	-11	7	A16	108	07	5481	-23	0	A18	098	04	7077	-33	1	A20	266	04	9046	-47	1		288	14
25	4090	-12	8	79	-		5460	-20	8	66	114	12	7069	-33	3	77	092	12	9035	-47	0		063	22
26	4142	-12	0	39	103	06	5519	-20	1	56	176	03	7139	-31	4	35	210	06	9103	-48	2		216	15
27	4141	-12	4	A16	003	04	5512	-20	7	30	292	04	7122	-32	9	33	290	08	9078	-48	8		266	12
28	4131	-11	7	A16	072	02	5507	-20	9	32	223	01	7117	-32	7	53	106	02	9078	-47	8		241	03
29	4153	-13	6	58	296	07	5517	-21	9	A18	289	09	7121	-33	3	37	275	11	9076	-49	0		258	13
30	4210	-12	6	61	279	09	5579	-21	4	29	281	13	7180	-35	1	58	271	17	9120	-50	4		274	20
MN	4139	-13	9	45	*		5500	-23	1	42	* 249	03	7095	-35	0	42	* 253	05	9041	-48	8		* 250	06

Day	200 MBS					150 MBS					100 MBS					70 MBS				
	Altitude (Pres. on Sfc.)	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind	
		°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.	gpm.	°C	%	deg.	mps.
01	11483	-41	2		231	03	13432	-42	7		200	04	16159	-44	3		184	04	18556	-44	4		121	06
02	11595	-41	9		257	04	13539	-42	9		254	03	16270	-44	4		210	01	18664	-45	1		124	03
03	11630	-45	1		304	08	13554	-45	6		266	05	16260	-46	3		262	02	18640	-45	9		213	03
04	11709	-48	0		275	09																		
05	11722	-48	2		228	14	13630	-46	1		241	05	16324	-45	5		270	02	18708	-45	1		279	03
06	11729	-47	1		193	16	13634	-46	5		206	09	16330	-44	9		217	06						
07	11726	-47	3		181	08	13643	-44	6		210	07	16352	-45	4		251	05	18743	-44	4		300	02
08	11723	-45	1		186	08	13654	-43	6		177	04	16377	-43	8		189	04	18769	-44	8		199	02
09	11747	-40	9		216	05	13698	-42	6		244	04	16431	-44	0		187	03	18818	-44	6		214	02
10	11828	-42	4		208	11	13778	-42	1		216	07	16525	-40	9		210	03	18949	-42	6		175	03
11	11719	-42	5		201	05	13661	-43	5		213	04	16381	-43	4		182	04	18777	-44	9		130	04
12	11722	-42	1		208	05	13668	-43	7		216	04	16381	-45	0		180	03	18765	-45	1		144	02
13	11728	-42	3		291	08	13671	-44	7		230	04	16375	-45	0		244	02	18757	-46	1		280	01
14	11787	-43	8		305	13	13722	-45	3		290	07	16423	-45	6		010	04	18801	-44	9		080	02
15	11827	-47	6		274	06	13746	-45	3		270	04	16443	-45	9		300	01						
16	11803	-46	6		203	04	13722	-45	0		226	04	16434	-43	9		178	02	18828	-43	5		063	01
17	11694	-43	8		211	04	13621	-45	0		257	03	16342	-43	9		213	03						
18	11687	-44	3		249	13	13626	-43	2		331	02	16356	-43	2		311	02	18760	-43	7		073	03
19	11650	-40	4		258	06	13601	-41	5		260	05	16341	-43	1		248	02	18743	-43	4		320	02
20	11660	-42	0		270	05	13604	-42	8		251	06	16337	-43	6		297	02	18732	-43	7		347	03
21	11679	-42	8		268	02	13623	-42	1		315	02	16365	-42	4		316	03	18779	-41	6		317	02
22	11653	-44	0		298	06	13589	-43	6		312	01	16330	-42	0		279	04	18739	-42	1		289	01
23	11661	-43	8		284	06	13600	-42	8		279	04	16342	-42	7		271	05	18753	-42	2		176	01
24	11679	-45	8		263	07	13604	-43	7		265	05	16335	-42	8		250	03						
25	11717	-42	9		167	04	13657	-43	0		170	05												
26	11764	-43	9		203	02	13704	-42	9		237	03	16440	-42	1		277	03	18859	-41	3		348	02
27	11724	-45	3		286	05	13646	-45	0		299	05	16360	-43	8		296	03	18756	-43	1		030	03
28	11724	-45	3		281	04	13647	-44	7		291	06	16372	-42	9		306	04	18775	-43	2		310	03
29	11733	-44	7		274	10	13669	-44	2		282	05	16391	-43	6		298	04	18794	-42	7		296	04
30	11774	-43	3		273	11	13711	-43	7		293	10	16441	-42	3		304	07						
MN	11709	-44	1		* 247	05	13643	-43	9		* 249	04	16365	-43	8		* 251	02	18759	-43	8		*	

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction indicates a Stratum of Missing Wind Data*

SACHS HARBOUR, N.W.T.

JUNE 1963

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No.	LATITUDE	LONGITUDE	ELEVATION
74051	71°57'N	124°44'W	84 METERS

CONSTANT PRESSURE DATA — 00 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20846	-42	9	095	05	24297														
02																				
03	20934	-42	8	190	03	24389	-43	0	182	04										
04	20978	-43	8	217	02															
05																				
06	21065	-43	0	063	02															
07	21025	-43	1	046	03															
08	21097	-42	8	192	02															
09	21080	-43	2	125	02	24527	-41	9	047	02	27277	-40	1							
10	21141																			
11	21087	-44	1	103	03	24534	-42	0	093	06	27294	-39	6	112	06					
12	21072																			
13	21021	-43	9	132	06	24466	-42	6	110	07										
14	21070																			
15	21110	-42	2	139	03	24571	-42	1	065	03	27339	-38	4							
16	21085	-42	2	178	02															
17	21060	-43	6	334	04	24510	-42	2	091	05	27270	-38	4	088	08					
18	21070	-42	2	086	03	24530	-41	5	086	06										
19	21034	-42	5	040	02	24491	-41	9	104	03										
20	20982	-42	4	090	02	24440	-40	7	038	05										
21	21023	-42	6	058	03	24479	-41	1	054	06	27252	-37	3	066	06					
22	21043	-42	9	060	02	24496	-40	8	070	04										
23	21034	-42	8																	
24																				
25																				
26																				
27	21076	-42	9	000	00	24598	-40	1												
28	21063	-42	4	330	02	24523	-40	3	140	03	27310	-36	8	079	10					
29	21080																			
30	21125	-41	7	176	04															
MN	21048	-42	9	*	05	24485	-41	6	*		27290	-38	4	*						

SPECIAL AEROLOGICAL DATA — 00 GMT.

Day	SURFACE SYNOPTIC DATA				FREEZING LEVELS Lowest				FREEZING LEVELS Highest				TROPOPAUSE (1)						TROPOPAUSE (2)						MAX. WIND LEVEL					
	$i_R i_x$	h	VV	cppp	Code	Alt. gpkm.	Pres mb.		Alt. gpkm.	Pres mb.		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.	
01	25500	02	1	01	0							1	08	37	318	-50	3	309	0						9	08	41	317	258	13
02	15500	02	1	07	0							1	08	62	308	-52	4	309	0						8	07	82	350	313	21
03	15730	02	3	07	1	1	49	845	1	49	845	1	09	49	275	-56	3	313	0						9	08	46	324	285	17
04	00900	02	7	12	1	2	00	793	2	00	793	2	09	37	284	-51	9	317	0						9	11	20	215	283	17
05	15736	03	8	08	1	2	32	761	2	32	761	1	10	52	242	-56	6	325	0						8	00	44	957	134	21
06	65430	02	3	02	1	2	41	752	2	41	752	1	10	49	244	-56	8	324	0						9	10	02	262	211	27
07	860--	10	4	00	2	0	16	987	2	03	783	1	10	02	260	-50	2	328	0						9	08	36	334	180	38
08	860--	10	8	02	2	0	18	988	2	31	757	1	10	34	247	-55	3	324	0						9	09	29	293	196	20
09	862--	71	2	07	1	0	10	995	0	10	995	2	08	41	326	-43	7	316	0						9	06	56	428	360	17
10	861--	02	1	11	3	1	14	883	1	60	834	1	09	49	282	-52	7	317	0						8	09	39	288	232	25
11	75400	02	7	13	2	0	57	942	2	46	746	1	09	93	263	-50	6	326	0						9	10	89	227	184	22
12	26230	02	6	03	1	2	15	772	2	15	772	2	09	32	287	-51	7	316	0						8	09	62	274	180	12
13	76300	02	3	04	1	2	00	789	2	00	789	1	09	25	290	-49	8	318	0						9	00	08	999	030	08
14	65500	02	2	09	1	1	96	798	1	96	798	2	09	63	276	-51	4	320	0						9	09	89	266	296	29
15	55400	02	3	03	1	2	48	752	2	48	752	1	10	56	243	-55	4	326	0						9	09	03	308	329	26
16	60830	02	6	03	1	2	43	756	2	43	756	1	10	89	231	-59	6	325	0						9	10	51	244	229	09
17	76300	02	8	05	1	2	11	783	2	11	783	1	09	67	273	-50	4	323	0						9	08	04	351	118	18
18	9-0--	45	1	02	2	0	10	003	1	87	806	1	09	13	294	-49	5	317	0						9	07	96	353	249	30
19	854--	02	8	14	1	1	16	873	1	16	873	1	09	13	292	-52	8	313	0						9	08	71	312	193	24
20	862--	61	2	04	0							1	07	69	358	-44	6	307	0						9	06	61	421	080	17
21	72500	80	8	01	1	0	76	925	0	76	925	1	08	98	298	-91	5	313	0						9	07	80	357	038	26
22	75500	02	1	01	2	0	71	932	1	31	864	1	09	94	259	-55	6	320	0						9	07	71	365	344	13
23	15500	02	7	13	2	0	68	931	1	57	833	2	09	81	264	-55	8	318	0						8	07	12	398	318	13
24	00901	02	6	08	1	2	05	781	2	05	781	1	09	84	263	-54	7	320	0						8	09	37	284	303	14
25	10936	02	3	03	1	2	42	747	2	42	747	1	10	48	242	-56	2	325	0						8	01	17	870	128	26
26	75400	02	1	10	1	2	24	762	2	24	762	2	09	02	301	-48	2	317	0						8	00	45	980	132	12
27	00901	02	2	04	1	2	20	770	2	20	770	1	10	46	243	-56	4	325	0						9	09	99	262	245	17
28	11501	02	8	05	1	1	32	858	1	32	858	1	10	31	248	-55	8	324	0						9	10	31	248	262	12
29	74500	14	1	05	1	1	14	879	1	14	879	2	09	31	288	-50	4	318	0						8	12	00	195	270	10
30	62500	14	1	08	1	1	43	854	1	43	854	2	09	58	278	-51	8	319	0						9	07	54	980	288	19
MEAN													09	60	276	-52	6	319												

CONSTANT PRESSURE DATA — 12 GMT.

Day	50 MBS					30 MBS					20 MBS					10 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg.	Wind mps.
01	20816	-42	8	122	03	24257	-43	3	154	05	27007	-39	5	105	11					
02	20928	-44	1	177	05															
03	20893	-43	4	114	02	24336	-41	8	167	03	27089	-39	4	105	10					
04																				
05	20961	-44	1	037	01															
06																				
07	20993	-44	8	106	02	24424														
08	21021	-43	9	090	03	24460	-42	4	113	09										
09	21077	-43	5	155	04	24521														
10	21224	-41	5	140	01	24702	-40	2	108	06										
11	21038	-43	3	145	02	24488	-42	0	070	08										
12	21021	-43	4	118	06	24468	-41	6												
13	21006	-43	9	115	05	24455	-42	6	110	07	27206	-40	8	086	08					
14	21057	-43	6	104	05	24514														
15																				
16	21100	-42	0	097	02	24559														
17																				
18	21031	-42	4	073	04	24485	-41	2	063	08										
19	21012	-42	8	071	05	24465														
20	21000	-42	5	081	04	24457	-41	6	054	06	27217	-40	1	083	09					
21	21058	-42	6	395	03	24521	-40	8	247	05	27296	-38	0	254	08					
22	21012																			
23	21032	-41	8	159	02															
24																				
25																				
26	21144	-40	9	112	04															
27	21022	-43	2	014	01	24478	-41	1	089	04										
28	21047	-41	1																	
29	21070	-41	8	076	04	24537														
30																				
MN	21024	-42	9	*	07	24478	-41	7	*		27163	-39	6	*						

SPECIAL AEROLOGICAL DATA — 12 GMT.

Day	SURFACE SYNOPTIC DATA				FREEZING LEVELS Lowest				FREEZING LEVELS Highest				TROPOPAUSE (1)						TROPOPAUSE (2)						MAX. WIND LEVEL					
	$i_R i_x$	h	VV	cppp	Code	Alt. gpkm.	Pres mb.		Alt. gpkm.	Pres mb.		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Temp. °C	σ °A		Code	Alt. gpkm.	Pres mb.	Velocity deg.	Velocity mps.	
01	15501	02	1	01	0							1	08	51	311	-52	2	308	0						9	26	52	021	102	13
02	15641	02	3	02	3	0	37	968	1	24	868	1	09	37	280	-56	1	313	0						9	08	32	329	288	19
03	10931	02	8	01	1	1	84	810	1	84	810	1	09	42	280	-56	4	312	0						9	09	10	294	292	13
04	15501	02	7	06	1	1	99	793	1	99	793	6	10	37	245	-53	7	328	0						6	00	45	958	136	20
05	60978	21	7	05	1	2	24	766	2	24	766	2	10	11	255	-54	9	322	0						9	09	86	265	244	28
06	76300	02	7	19	3	0	71	922	2	45	744	2	10	37	247	-56	6	323	0						8	10	40	246	192	34
07	9-0--	56	3	07	3	0	97	891	1	66	818	2	10	05	258	-54	2	322	0						9	09	16	297	188	34
08	863--	02	7	09	3	1	57	828	2	14	772	1	09	87	264	-53	8	321	0						9	10	33	246	139	20
09	861--	71	2	18	0							1	08	87	305	-47	2	317	0						9	07	05	400	286	16
10	16101	02	7	13	3	0	60	945	2	18	776	1	09	78	271	-48	1	327	0						9	09	63	277	209	16
11	26101	02	6	09	2	0	14	991	1	87	799	2	09	47	281	-51	9	318	0						9	00	08	997	080	09
12	75700	02	3	02	1	2	09	778	2	09	778	1	09	34	285	-52	5	316	0						1	24	28	031	076	13
13	75600	02	2	08	1	1	77	814	1	77	814	1	09	48	280	-52	1	318	2	13	74	148	-45	1	393	9	08	67	317	308	18
14	25400	01	2	08	1	1	77	818	1	77	818	1	09	46	283	-51	3	318	0						9	08	29	340	306	25
15	26100	01	8	06	1	2	45	755	2	45	755	1	10	92	229	-39	3	325	0						8	08	95	311	324	11
16	10930	02	7	09	1	2	43	755	2	43	755	2	10	63	239	-57	6	324	0						9	09	33	293	173	10
17	9-0--	45	1	03	2	0	13	998	1	82	810	1	08	99	301	-51	4	313	0						6	09	13	295	122	08
18	9-0--	45	7	09	3	0	38	966	1	66	824	2	08	87	305	-51	9	311	0						9	07	69	366	222	35
19	862--	56	1	02	0							2	08	22	332	-46	3	311	0						9	00	36	986	323	14
20	861--	61	2	07	1	0	61	941	0	61	941	2	08	27	332	-47	9	309	0						9	08	01	345	052	17
21	15500	02	3	03	1	0	83	917	0	83	917	2	09	32	285	-53	5	314	0						9	06	12	457	039	19
22	9-0--	45	7	08	0							1	09	94	258	-55	9	320	0						8	08	98	301	334	17
23	00900	02	7	12	1	2	10	778	2	10	778	1	09	73	267	-56	1	317	0						9	09	62	272	287	17
24	00901	02	7	04	1	2	20	766	2	20	766	1	10	37	244	-56	0	324	0						8	10	42	243	276	20
25	70970	02	6	10	1	1	82	802	1	82	802	1	09	70	270	-52	1	321	0						7	01	78	806	104	27
26	00904	02	2	10	1	2	23	766	2	23	766	2	09	90	264	-54	9	319	0						9	09	48	283	215	17
27	00904	02	3	01	1	1	81	807	1	81	807	1	10	29	248	-56	9	322	0						9	10	02	258	268	15
28	15601	02	2	03	1	1	14	876	1	14	876	1	10	22	251	-56	5	322	0						8	12	88	166	304	08
29	10831	02	2	06	1	0	99	898	0	99	898	2	09	41	284	-51	7	317	0						9	10	21	252	267	16
30	10831	02	0	00	2	1	37	860	1	86	809	2	09	63	276	-54	5	316	0						8	08	80	315	273	20
MEAN													09	63	274	-53	5	318		13	74	148	-45	1	393						

A *Statistical Value for Relative Humidity*

* *Vector Mean Wind*

\- *Entered under Wind Direction Indicates a Stratum of Missing Wind Data*