

Environment Canada Imaging Cover Page

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METEOROLOGICAL BRANCH - DEPARTMENT OF TRANSPORT - CANADA

ARCTIC SUMMARY

JULY TO DECEMBER 1961



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

JULY TO DECEMBER 1961

TORONTO, ONTARIO

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, 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.

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 yards 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 ex-

posure 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. 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 louvered 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 temperature 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.

New barometer correction cards were put into use January 1st, 1960. These corrections take into account the following changes from previous cards:

- (1) The gravity correction is based on a measured value of gravity (according to the meteorological gravity system WMO authority number 19 RP. 9).
- (2) The index error of the barometer is obtained by comparison with the new Canadian Standard Barometer.

Pressures determined on the basis of the new cards differ slightly from those based on the previous cards. These changes, as well as the serial numbers of the barometers in use and their elevations are listed in the following table.

Station	Barometer Number	Elevation (Feet)		Apparent decrease in press. due to new correction cards.	
		Act.	Est.		
Alert	C-220	218	205	0.3	mb
Clyde	C-281	26	MSL	0.4	
Eureka	85/43	8	MSL	0.2	
Isachsen	98/43	97	83	0.2	
Mould Bay	C-345	65	50	0.2	
Resolute	C-398	209	209	0.4	
Sachs Harbour	C-279	277	277	0.3	

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 rain gauge.

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 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° pyrhelio-meter 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 other obstructions to vision or precipitation 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 was the sole cause of the reduced visibility. The symbols used are:

F	Fog	K	Smoke
IF	Ice Fog	ED	Blowing Dust
D	Dust	EN	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.

Commencing January 1961 the 80 mb. level has been replaced by the 70 mb. level in the Constant Pressure Data, and the listing of the 25 mb. data has been discontinued. Also, in order to provide data in more detail for the lower levels of the atmosphere, additional standard pressure levels between the surface and 500 mb. have been included.

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 Circular P, the Manual of Radiosonde Observations issued by the United States Weather Bureau, Air Force, and Navy, but are augmented or amended by Meteorological Service of Canada "RAD" Circulars to fit Canadian practices. Radiation corrections are incorporated in the original computations for all daylight radiosonde ascents according to instructions current at the time of observation.

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. Prior to August 1961 the official time for radiosonde releases in Canada was twelve minutes after the standard hour, beginning August 1st, 1961 the official time of release was changed to forty-five minutes before the hour. Most radiosonde releases are effected within a few minutes of the official time, data for radiosonde ascents delayed more than three hours from the official time are not included in the listings.

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.

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 only calculated when there are twenty or more wind observations available at that level, and for the levels frequently used in the preparation of upper air charts. In this issue vector mean wind data are available for the 850, 700, 500, 400, 300, 200, 150, 100, 50 and 30 mb. levels.

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 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.

During the period 1960-1961 there was a change-over from the USWB type radiosonde with a shielded thermistor for which radiation corrections are required for all daylight ascents to the type with an unshielded thermistor for which no radiation corrections are

necessary. On January 1st, 1961 Alert and Mould Bay were using the "unshielded" type. As stations begin using the "unshielded" type, or revert temporarily to the use of the "shielded" type, the date of changeover is indicated by a footnote under "Station Instrumentation". 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.

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DAILY CLIMATOLOGICAL DATA

EUREKA

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

EUREKA NWT
JULY

61

01	45	35	40	.03			
02	40	32	36				
03	41	33	37				
04	45	37	41				
05	46	36	41	.25			
06	46	34	40				
07	40	34	37				
08	45	35	40	.03			
09	43	36	40	.06			
10	42	35	39	.24			
11	48	37	43				
12	44	34	39				
13	43	36	40	.75			
14	49	37	43	.04			
15	49	39	44				
16	44	37	41	.15			
17	47	39	43				
18	45	37	41				
19	43	39	41				
20	50	37	44	.14			
21	49	38	44	.01			
22	45	37	41				
23	52	36	44				
24	46	35	41				
25	45	34	40				
26	46	36	41				
27	44	34	39	.04			
28	44	31	38				
29	42	28	35				
30	45	28	37				
31	45	33	39				
SUM			1,74				
AVG	45	35	40				
EXT	52	28	.75				

EUREKA NWT
SEPTEMBER

61

01	32	20	26				
02	26	19	23				
03	30	21	26				
04	30	22	26				
05	27	21	24		T		
06	25	21	23	.01		T	
07	24	16	21	.15		1.5	
08	23	13	18	.06		.6	
09	18	06	12				
10	24	16	20				
11	23	16	20				
12	22	12	17		T		
13	21	05	13				
14	07	-04	02				
15	09	-05	02		T		
16	13	-05	04				
17	13	-04	05				
18	06	-07	-01				
19	10	-08	01		T		
20	11	-14	-02	.02		.2	
21	11	-16	-03	.10		1.0	
22	-04	-18	-11				
23	-02	-10	-06				
24	-01	-18	-10				
25	-11	-25	-18				
26	-10	-19	-15				
27	-01	-11	-06				
28	03	-16	-07				
29	03	-09	-03				
30	03	-09	00				
SUM			.32	3.2			
AVG	13	01	07				
EXT	32	-25	.15	1.5			

EUREKA NWT
NOVEMBER

61

01	03	-09	-03		T		
02	05	-10	-03	.05		.5	
03	06	-04	00		T		
04	-04	-13	-09				
05	-12	-29	-21				
06	-21	-41	-31				
07	-36	-48	-42				
08	-41	-49	-45				
09	-41	-45	-43				
10	-12	-44	-28				
11	-12	-35	-24				
12	-06	-32	-19				
13	07	-09	-01				
14	00	-09	-05		T		
15	-02	-15	-09				
16	05	-03	01				
17	07	03	05		T		
18	06	03	05		T		
19	05	-20	-08	.02		.2	
20	-19	-25	-22		T		
21	-24	-36	-30		T		
22	-28	-38	-33				
23	-12	-34	-23				
24	-20	-26	-23				
25	-23	-31	-28				
26	-28	-37	-33				
27	-31	-37	-34				
28	-12	-35	-24				
29	01	-13	-06				
30	01	-15	-07				
SUM			-.07	0.7			
AVG	-11	-25	-18				
EXT	07	-49	.05	0.5			

ISACHSEN NWT
JULY

61

01	37	27	32		T		
02	36	31	34	.16		.3	
03	37	30	34	.17			
04	41	31	36	.06			
05	41	28	35	.08			
06	40	29	35				
07	44	30	37				
08	40	30	35	.10			
09	35	28	32		T		
10	38	29	34	.04		.4	
11	35	28	32		T		
12	42	27	35	.15		.7	
13	42	30	36	.07			
14	39	30	35	.15			
15	38	31	35	.09		.5	
16	40	28	34	.01			
17	40	31	36	.07			
18	38	28	33		T		
19	43	28	36	.04			
20	41	31	36	.29			
21	37	29	33		T		
22	40	28	34		T		
23	36	28	32		T		
24	40	31	36		T		
25	44	30	37	.05			
26	45	31	38	.33			
27	35	28	32	.01		.1	
28	34	28	31	.06		.1	
29	36	30	33	.03		.1	
30	39	28	34				
31	49	28	39				
SUM			1.96	2.2			
AVG	39	29	34				
EXT	07	-49	.33	0.7			

ISACHSEN NWT
SEPTEMBER

61

01	22	18	20		T		
02	20	14	17		T		
03	25	15	20		T		
04	24	13	19				
05	17	11	14				
06	17	07	12		T		
07	16	06	11		T		
08	20	12	16		T		
09	22	15	19				
10	21	14	18		T		
11	22	18	20		T		
12	21	14	18		T		
13	24	17	21		T		
14	25	21	23	.05		.5	
15	22	11	17	.03		.3	
16	20	01	11	.06		.6	
17	12	-01	06		T		
18	18	08	13	.05		.5	
19	09	-04	03	.01		.1	
20	12	-03	05	.11		1.1	
21	13	08	11	.01		.1	
22	18	09	14		T		
23	11	06	09	.05		.5	
24	12	-07	03	.02		.2	
25	14	-10	02		T		
26	09	-03	06	.04		.4	
27	11	-05	03	.02		.2	
28	10	-05	03		T		
29	04	-07	02		T		
30	04	00	02	.02		.2	
SUM			.47	4.7			
AVG	17	06	12				
EXT	25	-10	.11	1.1			

ISACHSEN NWT
NOVEMBER

61

01	12	-14	-01	.03		.3	
02	-03	-20	-12		T		
03	-09	-20	-15	.01		.1	
04	-05	-30	-18	.01		.1	
05	-19	-38	-29		T		
06	-19	-35	-26		T		
07	-31	-36	-34		T		
08	-22	-32	-27		T		
09	-22	-28	-25		T		
10	-24	-37	-31		T		
11	-37	-43	-40		T		
12	-22	-36	-29		T		
13	-11	-27	-19		T		
14	-18	-31	-25		T		
15	11	-20	-05	.02		.2	
16	02	-06	-02		T		
17	03	00	02	.02		.2	
18	03	-21	-09	.02		.2	
19	-19	-28	-24		T		
20	-20	-43	-32		T		
21	-19	-43	-31		T		
22	-08	-26	-17		T		
23	-14	-22	-18		T		
24	-04	-18	-11		T		
25	06	-05	01		T		
26	-02	-11	-05	.01		.1	
27	-05	-15	-10		T		
28	-05	-21	-13		T		
29	-06	-15	-11		T		
30	-11	-20	-16		T		
SUM			.12	1.2			
AVG	-11	-25	-18				
EXT	12	-43	.03	0.3			

EUREKA NWT
AUGUST

61

01	60	33	47				
02	55	34	45				
03	54	31	43				
04	47	28	38				
05	57	23	40				
06	50	30	40				
07	49	32	38				
08	40	32	36				
09	39	33	36				
10	40	31	36				
11	40	34	37				
12	40	34	37	.02			
13	46	34	40				
14	47	36	42				
15	48	34	41				
16	48	37	43				
17	47	35	41				
18	48	33	41				
19	43	34	39				
20	37	30	34				
21	39	28	34	.01		.1	
22	36						

DAILY CLIMATOLOGICAL DATA

SACHS HARBOUR

Date	Temperature (°F)			Precipitation (inches)		Days with		
	Maximum	Minimum	Average	Total	Snow	Snow on ground (inches)	Fog	Wind Blowing Snow ≥ 32 mph ≥ 37 mph
SACHS HARBOUR NWT JULY 61								
01	36	30	33	T				1
02	42	33	38	T				1
03	45	38	42	.01				1
04	41	34	38					1
05	52	32	42	.01				1
06	49	40	45					
07	52	42	47	.06				
08	43	37	40					
09	44	31	38	T				
10	42	30	36					1
11	48	32	40					1
12	53	40	47					1
13	44	34	39					1
14	36	30	33					
15	37	30	34	T	T			
16	41	33	37	.17				1
17	46	31	39					1
18	61	39	50	.05				
19	53	36	45	.21				1
20	43	31	37					1
21	50	36	43	T				1
22	47	35	41					1
23	57	42	50					
24	57	37	47					
25	52	42	47					
26	47	34	41	.01				
27	51	31	41					1
28	57	40	49					
29	60	45	53					
30	50	37	44					1
31	48	38	43	T	T			1
SUM				.52				18
AVG	48	36	42					
EXT	61	30		.21	T			
SACHS HARBOUR NWT SEPTEMBER 61								
01	25	20	23					
02	30	24	27					
03	34	23	29	T	T			
04	35	25	30	T	T	T		
05	34	26	30	T	T			
06	38	32	35	T	T	T		
07	40	31	36					
08	34	29	32					
09	30	26	28					
10	34	26	30	T	T			
11	37	33	35					
12	37	25	31	T	T			1
13	37	24	31					
14	39	29	34					
15	41	25	33					
16	28	17	23					1
17	25	17	20	T	T			
18	24	20	22	T	T	T		
19	27	14	21	T	T			
20	28	22	25	T	T	T		
21	27	07	17					
22	21	09	15	T	T	T		
23	23	01	12	T	T	T		
24	25	20	23					
25	29	20	25	T				
26	30	27	29	.05	.5	T		
27	30	23	27	.06	.4	1		1
28	30	26	28	.05	.5	1		1
29	27	05	16					1
30	08	-04	02					1
SUM				.14	1.4			4
AVG	30	21	26					
EXT	41	-04		.05	0.5			
SACHS HARBOUR NWT NOVEMBER 61								
01	04	-14	-05					5
02	05	-07	-01					5
03	03	-08	-03	T	T			5
04	02	-10	-04	T	T			5
05	00	-11	-06	T	T			5
06	00	-19	-10	.01	.1			5
07	-08	-22	-15	T	T			5
08	-01	-24	-13	.03	.3			5
09	-10	-25	-18	T	T			5
10	-11	-20	-16	T	T			5
11	00	-15	-08					5
12	-05	-19	-12	T	T			5
13	-11	-19	-15					5
14	11	-21	-05	.01	.1			5
15	15	-08	04	.01	.1			5
16	19	00	10	.01	.1			5
17	04	-13	-05	.01	.1			5
18	00	-21	-11	T	T			6
19	03	-19	-08	T	T			6
20	02	-20	-09	T	T			6
21	03	-04	-01					6
22	00	-11	-06					6
23	02	-03	-01	.02	.2			6
24	02	-11	-03	T	T			6
25	-14	-26	-20					6
26	-16	-34	-25					6
27	-27	-36	-32					6
28	-10	-29	-20					6
29	-06	-12	-09					6
30	02	-12	-05					6
SUM				.10	1.0			3
AVG	-01	-16	-09					
EXT	19	-36		.03	0.3			
SACHS HARBOUR NWT AUGUST 61								
01	45	37	41	.09				1
02	40	34	37	T				
03	36	32	34	.10	.9	T		
04	42	29	36					1
05	55	30	43					1
06	55	40	48					
07	54	37	46					
08	52	33	43					1
09	44	32	38					1
10	43	33	38					
11	57	38	48					
12	54	42	48	T				1
13	37	32	35	.11	T			1
14	36	32	34	.01	T			
15	36	31	34	.03	.3	T		
16	36	31	34	.05	.5	T		
17	39	32	36					1
18	40	32	36	.01				1
19	49	39	44	T				1
20	44	36	40	.18				1
21	42	34	38	.53				1
22	46	36	42	.05				1
23	44	33	39					1
24	40	30	35					1
25	34	29	32	.02	.2			1
26	34	29	32	.02	.2	T		1
27	36	30	33			T		1
28	34	26	30					
29	36	25	31					
30	33	26	30					
31	28	23	26					
SUM				1.20	2.1	15		3
AVG	42	32	37					
EXT	57	23		.53	0.9			
SACHS HARBOUR NWT OCTOBER 61								
01	07	-01	03					1
02	07	-04	02					1
03	15	-02	07					1
04	07	-04	02					1
05	07	-09	-01					1
06	15	05	10	.02	.2			1
07	13	10	12	.02	.2			1
08	13	-04	05	T	T	2		1
09	08	-07	01					2
10	10	-04	03					2
11	13	03	08	.01	.1	2		
12	10	-11	-01	.12	1.2	3		
13	08	-04	02	.02	.2	3		
14	11	05	08	.01	.1	3		
15	10	04	07	.01	.1	3		
16	09	-09	00	T	T	4		
17	-05	-14	-10			4		
18	-07	-18	-13			4		1
19	10	-11	-01			4		1
20	21	09	15	.01	.1	4		1
21	23	17	20	T	T	4		1
22	20	12	16	T	T	4		
23	13	06	10			4		
24	16	03	10	T	T	4		
25	19	12	16	.02	.2	4		
26	11	15	18	.05	.5	4		
27	17	-09	04	T	T	4		1
28	06	-12	-03			4		
29	09	-06	02			4		1
30	09	-02	04	.03	.3	4		
31	07	-10	-02	.01	.1	3		
SUM				.53	3.3			4
AVG	11	-01	05					
EXT	23	-18		.12	1.2			
SACHS HARBOUR NWT DECEMBER 61								
01	02	-13	-06					6
02	-10	-23	-17					6
03	01	-23	-11					6
04	-15	-30	-23	T	T			6
05	-13	-26	-21	T	T			6
06	-16	-21	-19					6
07	-16	-20	-18					6
08	-18	-23	-21					6
09	-18	-25	-22					6
10	-12	-19	-16					6
11	-12	-15	-14					6
12	-07	-14	-04	T	T			6
13	04	-20	-08	T	T			6
14	-17	-29	-23					6
15	-25	-40	-33					6
16	-27	-40	-34					6
17	-16	-30	-23					6
18	-19	-36	-28	T	T			6
19	-30	-41	-36					6
20	-28	-45	-37					6
21	-27	-33	-30					6
22	-30	-34	-32					6
23	-30	-33	-33					6
24	-26	-36	-31					6
25	-23	-33	-28					6
26	-29	-40	-35					6
27	-29	-38	-34					6
28	-32	-40	-36					6
29	-36	-40	-38					6
30	-29	-39	-34	T	T			6
31	-33	-40	-37					6
SUM								7
AVG	-20	-30	-25					
EXT	07	-45		T	T			

SYNOPTIC OBSERVATIONS

ALERT

Date	Cloud (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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ALERT NWT
JULY 1961 0100 EST

01 UNL 15				1007.4	SW	36	36	33	30	0
02 UNL 15				1009.1	C	00	36	34	32	7
03 090 15				1013.8	SW	32	36	33	30	8
04 UNL 15				1021.3	SW	30	39	36	30	1
05 UNL 15				1020.3	SW	13	40	37	31	0
06 UNL 15				1010.9	SW	22	40	37	33	2
07 007 02	S-			1012.8	NE	02	33	33	32	10
08 210 15				1013.7	ENE	03	33	32	30	8
09 220 15				1008.1	SW	28	40	36	32	7
10 200 15				1008.5	ENE	06	35	33	31	10
11 UNL 15	F			1005.4	SSW	32	41	38	34	7
12 250 15	F			1004.7	N	02	36	35	32	9
13 015 10	F			1010.2	C	00	34	34	33	9
14 UNL 15	F			1006.0	SW	55	40	37	32	7
15 UNL 15	F			1005.5	SW	25	47	43	40	5
16 120 15	F			1006.1	SW	32	49	44	39	8
17 UNL 15	F			1008.6	SW	25	49	44	40	4
18 UNL 15	F			1003.4	SSW	25	54	46	36	4
19 035 15	F			1008.9	NE	05	40	38	36	10
20 UNL 15				1011.1	SW	20	47	42	36	1
21 100 15				1005.7	SW	25	52	45	37	8
22 UNL 15				1003.8	SW	28	57	49	42	3
23 035 15	R-			1017.7	E	10	36	35	34	10
24 090 15				1016.8	N	10	38	36	35	7
25 030 15				1023	NE	10	37	36	34	9
26 030 15	L-			1016.0	NE	04	36	35	34	10
27 100 15				1004.5	W	35	51	45	40	9
28 030 12				1014.8	N	10	34	32	29	10
29 010 03	S-			1008.8	N	10	30	30	29	10
30 010 08				1012.2	N	08	30	30	29	9
31 UNL 10.				1014.4	W	05	32	31	31	0
AVG				1010.7		18	40	37	34	07

ALERT NWT
JULY 1961 0400 EST

01 UNL 15				1008.7	SW	27	36	34	30	0
02 UNL 15				1008.9	W	10	36	34	32	6
03 UNL 15				1015.1	SW	22	36	34	30	2
04 UNL 15				1021.8	W	14	38	35	30	1
05 UNL 15				1019.6	SW	20	39	35	30	0
06 UNL 15				1009.8	SW	23	40	37	31	2
07 006 10				1013.6	NNW	18	33	33	32	10
08 UNL 15				1013.4	ENE	04	35	32	28	1
09 160 15				1007.9	WSW	26	41	38	33	9
10 200 15	F			1007.9	NE	05	35	34	31	9
11 120 15	F			1006.0	SW	27	41	38	33	7
12 075 15	F			1004.8	NE	08	36	35	32	8
13 080 15	F			1010.5	C	00	35	34	33	8
14 UNL 15	F			1004.5	SW	55	40	37	33	5
15 140 15	F			1005.4	SW	20	46	45	42	6
16 UNL 15	F			1006.2	SW	35	47	43	39	4
17 120 15	F			1007.9	SW	35	50	43	34	7
18 UNL 15	F			1002.3	SW	30	51	44	36	2
19 015 10	F			1009.7	C	00	38	37	36	10
20 UNL 15				1010.5	SW	20	48	42	36	0
21 UNL 15				1004.4	SW	35	51	45	37	3
22 UNL 15				1005.4	SW	28	46	45	39	3
23 090 15				1017.6	SE	10	39	37	36	10
24 070 15				1018.2	ENE	05	38	36	34	8
25 UNL 15				1019.5	E	12	40	39	37	3
26 040 15				1015.0	NE	10	42	39	37	10
27 140 15				1003.5	W	38	51	45	40	9
28 020 10				1015.1	NNE	08	32	31	31	10
29 004 02	S-			1008.6	NNW	14	30	30	29	10
30 010 08				1012.9	N	05	31	30	29	7
31 UNL 15				1014.7	C	00	31	31	30	3
AVG				1010.6		19	40	37	34	06

Date	Cloud (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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ALERT NWT
JULY 1961 0700 EST

01 UNL 15				1009.5	SW	19	37	34	30	1
02 UNL 15				1009.1	SW	23	37	35	32	3
03 UNL 15				1016.1	SW	24	36	34	32	1
04 UNL 15				1021.9	SW	25	38	36	32	1
05 UNL 15				1018.7	SSW	27	40	37	33	0
06 UNL 15				1009.1	SW	28	40	38	35	3
07 006 10				1014.2	N	10	33	32	32	10
08 UNL 15				1013.3	E	07	36	35	28	0
09 085 15				1008.0	W	26	41	38	33	7
10 200 15				1007.2	NE	03	37	36	33	10
11 UNL 15	F			1005.9	S	17	42	38	34	8
12 085 15	F			1005.1	NE	15	37	35	33	8
13 UNL 15	F			1010.2	SW	23	35	33	30	1
14 UNL 15	F			1003.8	SW	35	42	39	35	3
15 100 15	F			1005.0	WSW	35	50	45	41	7
16 120 15	F			1007.2	WSW	32	49	45	39	6
17 120 15	F			1007.9	SW	28	51	44	35	8
18 UNL 15	F			1002.7	SW	30	54	46	37	6
19 002 00	F			1009.7	ENE	07	35	35	34	10
20 UNL 15	1/8F			1010.4	SW	22	50	43	35	3
21 UNL 15				1004.3	WSW	18	58	48	38	3
22 UNL 15				1007.0	E	10	39	36	33	1
23 100 15				1016.4	SE	15	41	38	34	7
24 015 10	L-			1019.9	NNE	04	44	38	35	10
25 120 15				1016.9	NE	10	42	38	34	9
26 120 15				1013.6	NE	32	50	44	38	9
27 050 15				1004.8	NE	15	37	35	32	10
28 040 12				1014.8	SE	04	31	30	29	10
29 008 04	F			1008.5	NNW	15	31	30	30	10
30 020 08				1013.4	ENE	06	33	31	30	8
31 UNL 15				1014.8	C	00	34	33	30	0
AVG				1010.6		18	41	38	34	06

ALERT NWT
JULY 1961 1000 EST

01 UNL 15				1009.8	NNW	06	39	36	30	1
02 100 15				1009.4	SW	35	38	35	32	8
03 UNL 15				1017.1	SW	30	39	35	30	1
04 UNL 15				1021.5	SW	22	39	37	33	0
05 UNL 15				1017.1	SSW	35	41	37	33	0
06 UNL 15				1009.9	E	04	40	37	32	5
07 010 10				1014.8	NE	04	34	33	33	10
08 UNL 15				1012.4	E	14	36	35	33	1
09 090 15				1009.1	SW	22	43	40	36	10
10 120 15				1006.3	SW	18	42	39	37	8
11 150 15				1005.3	S	05	45	40	34	8
12 085 15				1005.6	N	10	38	36	35	8
13 UNL 15				1009.7	SW	30	45	42	33	1
14 160 15				1004.0	SW	35	44	41	36	7
15 100 15				1004.8	SW	35	52	47	42	7
16 100 15				1007.5	WSW	25	51	47	44	8
17 140 15				1006.8	SW	35	52	45	38	7
18 120 15				1003.2	SW	30	51	44	36	7
19 020 00	1/8F			1009.9	NNE	06	36	35	35	10
20 220 15				1009.3	SW	25	51	44	36	9
21 UNL 15				1002.6	SW	38	59	50	40	3
22 UNL 15				1009.2	E	14	39	37	33	1
23 100 15				1014.7	E	24	40	38	35	9
24 012 10	L-			1020.9	N	07	38	37	34	10
25 UNL 15				1015.3	W	12	51	45	41	7
26 120 15				1012.0	W	35	52	45	38	8
27 007 01	R-			1005.8	ENE	05	38	37	36	10
28 040 12	F			1013.7	C	00	31	31	29	10
29 006 03				1008.6	N	12	30	30	29	10
30 025 10				1013.5	ENE	06	33	32	31	9
31 UNL 15				1014.8	C	00	35	34	32	0
AVG				1010.4		19	42	39	35	06

Date	Cloud (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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ALERT NWT
JULY 1961 1300 EST

01 UNL 15				1010.4	NNW	10	35	33	31	1
02 UNL 15				1009.9	SW	30	37	34	32	5
03 UNL 15				1018.7	SW	28	39	36	33	5
04 UNL 15				1021.7	SW	18	40	37	32	0
05 UNL 15				1015.5	SSW	35	41	37	33	1
06 070 15				1010.0	N	05	42	38	34	10
07 100 10				1014.6	C	00	37	35	33	9
08 UNL 15				1011.6	E	14	39	36	32	3
09 085 15				1008.6	NE	10	38	36	33	9
10 120 15				1005.9	SW	15	42	39	36	10
11 UNL 15				1004.7	C	00	47	42	38	2

SYNOPTIC OBSERVATIONS

ALERT

Date	Calling (1000 h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hundreds)
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ALERT NMT
AUGUST 1961 0100 EST

01 UNL 15	1013.9 N	06	36	34	31	0	
02 009 00	3/4F	1011.1 NNW	04	32	32	31	10
03 UNL 15	1008.6 NNW	04	32	33	32	0	
04 UNL 15	1010.2 C	00	37	35	33	0	
05 UNL 15	1012.8 E	04	35	34	31	0	
06 UNL 15	1014.9 N	06	34	33	30	0	
07 004 04	F	1015.5 N	13	33	33	32	10
08 006 07	F	1011.9 N	06	33	33	33	10
09 008 01	1/2F	1008.8 NE	08	31	31	31	10
10 004 01	F	1006.2 NE	06	33	32	30	10
11 031 10	F	1011.2 C	00	32	31	31	10
12 080 10	F	1009.9 C	00	31	30	30	9
13 028 10	L	1011.0 C	00	34	34	33	10
14 050 15	F	1015.8 C	00	34	33	32	9
15 055 15	F	1013.8 C	00	29	28	27	9
16 UNL 15	F	1016.4 C	00	30	30	29	1
17 002 00	1/8F	1015.7 C	00	29	29	29	10
18 UNL 00	1/4F	1018.2 C	00	26	27	25	8
19 003 00	1/8F	1011.2 NW	04	29	29	29	10
20 006 08	F	1013.0 NE	08	29	28	27	10
21 006 03	S	1004.1 E	08	24	24	23	10
22 003 02	F	1007.0 C	00	22	22	21	6
23 UNL 15	F	1009.5 C	00	22	22	20	3
24 UNL 15	F	1009.8 NNW	05	25	24	23	5
25 002 00	1/8F	1007.5 NNW	05	21	21	19	10
26 008 02	F	1011.5 N	08	21	21	19	10
27 010 15	F	1014.2 N	10	25	24	22	6
28 004 04	F	1018.7 NE	18	19	19	16	10
29 004 03	F	1019.4 NNE	10	17	17	15	10
30 010 10	F	1018.1 NW	10	15	15	13	10
31 005 07	F	1009.9 C	00	17	17	15	10
AVG		1012.0	05	28	28	26	07

ALERT NMT
AUGUST 1961 0400 EST

01 UNL 15	1013.6 NW	06	39	37	35	0	
02 004 00	1/8F	1010.9 NE	04	33	33	33	10
03 UNL 15	1008.8 ENE	03	32	30	31	1	
04 UNL 15	1010.4 ENE	04	37	35	33	0	
05 UNL 15	1013.6 ENE	04	36	35	33	0	
06 UNL 15	1015.2 N	05	34	33	31	0	
07 006 04	F	1015.3 NNW	10	33	33	32	10
08 005 03	L	1011.5 NE	10	32	32	31	10
09 003 00	1/2F	1009.3 C	00	31	31	31	10
10 007 05	F	1005.4 N	14	30	29	29	10
11 030 10	F	1011.9 NE	04	33	32	32	10
12 080 15	F	1008.9 N	03	31	31	29	10
13 070 15	F	1012.0 C	00	36	35	33	9
14 UNL 15	F	1025.3 E	05	35	34	33	4
15 055 15	F	1014.0 NE	02	29	28	26	9
16 UNL 15	F	1016.4 NE	06	29	29	28	1
17 130 00	1/4F	1016.6 NE	04	28	28	28	10
18 UNL 00	1/2F	1017.9 C	00	29	29	29	4
19 UNL 15	F	1010.2 C	00	30	29	28	10
20 006 08	F	1004.6 NE	06	27	27	26	10
21 002 00	1/4S-F	1004.3 E	06	24	24	23	10
22 080 10	F	1007.3 C	00	23	23	22	8
23 UNL 15	F	1009.9 C	00	22	22	20	3
24 002 00	1/8F	1009.3 N	03	22	22	20	10
25 003 00	1/4F	1007.5 C	00	19	19	17	10
26 015 08	F	1012.2 N	02	21	21	20	10
27 020 10	F	1013.7 NE	05	22	21	18	7
28 005 07	F	1019.6 NE	10	18	18	16	10
29 006 08	F	1019.9 NE	16	19	18	16	10
30 004 02	F	1018.1 N	12	16	16	14	10
31 005 02	F	1009.3 NNW	04	18	18	16	9
AVG		1012.0	05	28	28	26	07

Date	Calling (1000 h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hundreds)
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ALERT NMT
AUGUST 1961 0700 EST

01 UNL 15	1013.4 NW	07	37	34	32	0	
02 002 00	F	1009.9 NE	08	34	33	34	10
03 UNL 15	1009.3 ENE	05	35	33	30	1	
04 UNL 15	1010.5 ENE	05	38	36	32	1	
05 UNL 15	1014.0 E	05	36	35	32	0	
06 UNL 03	F	1016.1 NW	12	30	30	29	5
07 050 10	F	1014.9 N	14	34	33	32	9
08 003 02	L	1010.9 NE	14	34	33	33	10
09 015 07	F	1009.4 NE	04	32	32	31	10
10 007 10	F	1005.7 NE	09	29	29	27	10
11 028 10	F	1012.5 E	10	33	32	30	10
12 080 15	F	1008.8 N	04	32	32	31	10
13 030 15	F	1013.4 NNW	06	36	35	34	10
14 UNL 15	F	1014.7 E	04	36	35	34	1
15 UNL 15	F	1014.6 NE	04	36	33	29	3
16 060 15	F	1015.6 NW	07	32	31	31	7
17 100 15	F	1017.4 C	00	30	30	29	9
18 UNL 15	F	1017.4 NE	06	29	28	25	3
19 UNL 15	F	1009.0 N	13	29	29	27	2
20 010 08	F	1004.4 N	08	26	26	27	10
21 003 00	1/4F	1004.9 C	00	24	23	22	10
22 035 07	F	1007.7 NE	06	24	24	22	9
23 UNL 15	F	1010.1 C	00	23	23	21	3
24 002 00	1/8F	1009.1 NE	10	24	24	22	10
25 004 00	1/2F	1007.8 E	08	19	19	17	10
26 UNL 15	F	1012.3 NNW	05	23	22	21	9
27 006 12	F	1016.5 NE	15	23	22	21	9
28 002 02	F	1020.2 NE	18	19	18	16	10
29 006 08	F	1019.0 NE	12	20	20	18	10
30 003 01	F	1017.3 N	10	17	17	15	10
31 005 03	F	1008.7 C	00	19	19	16	10
AVG		1012.0	07	29	28	26	07

ALERT NMT
AUGUST 1961 1000 EST

01 UNL 15	1012.5 N	04	35	33	31	0	
02 001 00	F	1009.4 E	10	32	32	31	10
03 UNL 15	1009.3 ENE	05	36	34	33	0	
04 UNL 15	1010.3 NE	07	37	35	33	1	
05 UNL 15	1014.0 NE	05	35	34	31	0	
06 004 02	F	1016.2 N	11	31	30	30	10
07 005 08	F	1014.0 N	15	33	33	32	10
08 035 00	3/4L-F	1010.0 NE	08	32	32	32	10
09 010 10	F	1008.9 E	04	32	32	31	10
10 007 10	F	1006.5 NE	10	30	29	27	10
11 030 10	F	1012.6 NE	03	34	32	30	10
12 080 15	F	1008.4 NNW	05	34	32	29	10
13 100 15	F	1014.2 N	11	36	35	33	9
14 UNL 15	F	1013.6 E	04	35	34	33	0
15 130 15	F	1014.8 C	00	35	33	31	7
16 UNL 15	F	1015.4 SW	06	31	30	30	4
17 110 15	F	1017.9 E	09	31	31	29	9
18 UNL 15	F	1016.4 E	06	33	31	28	1
19 008 15	F	1008.5 N	15	30	29	29	10
20 008 03	S	1004.5 NE	05	27	27	26	10
21 006 05	F	1004.8 C	00	23	23	22	7
22 080 10	F	1007.6 NNW	06	25	24	24	9
23 140 15	F	1010.1 C	00	26	25	24	6
24 002 00	1/8F	1008.7 N	05	21	21	19	10
25 004 00	1/2F	1007.3 C	00	19	19	17	10
26 UNL 15	F	1012.4 NNW	08	21	20	18	2
27 008 10	F	1015.3 NE	15	22	22	20	9
28 002 01	F	1020.4 NE	15	18	17	10	3
29 005 04	F	1018.8 NE	08	18	18	16	10
30 015 10	F	1015.4 N	00	16	16	14	10
31 006 05	F	1008.0 N	08	19	19	18	10
AVG		1011.8	07	29	28	26	07

Date	Calling (1000 h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hundreds)
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ALERT NMT
AUGUST 1961 1300 EST

01 UNL 15	1012.1 NNW	08	36	34	32	0	
02 003 00	1/8F	1008.5 NE	08	32	32	32	10
03 UNL 15	1009.5 NE	06	35	34	32	0	
04 UNL 15	1010.5 NE	03	37	35	33	1	
05 UNL 15	1013.9 ENE	08	36	35	32	0	
06 004 02	F	1016.2 N	15	32	32	31	10
07 004 08	F	1013.4 N	16	33	32	32	10
08 002 00	1/2F	1008.3 NE	14	32	32	32	10
09 010 10	F	1008.7 E	08	32	33	32	10
10 007 08	F	1007.1 NE	05	32	31	29	10
11 030 10	F	1012.5 NE	07	33	32	32	10
12 040 15	F	1008.3 N	05	35	33	31	10
13 008 02	F	1015.5 NE	07	35	34	34	6
14 UNL 00	1/4F	1013.1 E	04	31	31	29	7
15 065 15	F	1015.1 NE	06	34	32	29	7
16 002 00	1/8F	1015.1 C	00	33	31	30	10
17 110 15	F	1018.4 ENE	05	32	31	28	8
18 UNL 15	F	1015.6 NE	05	35	32	31	1
19 006 15	F	1007.5 N	06	30	30	29	10
20 007 03	S	1004.9 E	09	27	27	26	10
21 004 05	F	1005.2 E	02	23	23	22	10
22 270 15	F	1007.9 N	10	24	23	21	6
23 UNL 15	F	1009.6 E	05	26	25	23	4
24 003 00	1/8F	1008.0 N	08	20	20	18	10
25 006 00	1/2F	1007.9 NNW	07	19	19	18	10
26 UNL 15	F	1012.2 NE	06	32	31	31	1
27 006 10	F	1017.3 NNE	14	22	21	19	10
28 005 04	F	1020.2 NE	15	17	17	15	10
29 007 07	F	1018.3 E	06	17	17	15	10
30 009 10	F	1014.4 N	08	17	17	15	10
31 005 06	F	1007.6 NW	04	19	19	17	10
AVG		1011.6	07	29	28	26	08

ALERT NMT
AUGUST 1961 1600 EST

01 UNL 15	1011.9 N	06	
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SYNOPTIC OBSERVATIONS

ALERT

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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ALERT NWT
SEPTEMBER 1961 0100 EST

01 008 08	1006.5 NW	07 16 16 14 9	
02 UNL 15	1010.4 NW	07 18 18 16 6	
03 UNL 15	1016.5 C	00 20 19 18 4	
04 UNL 15	1015.1 WNW	05 18 18 15 3	
05 003 06	1003.8 NE	07 17 17 14 10	
06 003 01	1004.5 C	00 21 21 20 10	
07 040 10	1010.8 C	00 18 17 14 10	
08 UNL 15	1014.0 W	08 07 07 03 4	
09 003 04	1018.8 NW	08 12 12 11 10	
10 030 08	1016.8 NNE	05 19 19 17 10	
11 004 01	1013.7 NNE	25 21 21 19 10	
12 004 00	1012.2 E	07 18 18 16 10	
13 005 02	1009.1 C	00 14 14 11 10	
14 UNL 15	1013.1 WNW	05-05-11 2	
15 UNL 15	1012.9 W	07-09-09-17 0	
16 UNL 15	1011.0 W	20 19 17 11 1	
17 140 15	1001.0 E	06 00 00-08 9	
18 008 01	997.7 W	05-01-01-08 10	
19 UNL 15	998.8 C	00-05-05-09 0	
20 UNL 15	995.3 NNE	20 18 16 10 3	
21 UNL 15	1002.6 C	00 00-01-09 0	
22 160 10	1017.0 C	00 10 08-03 10	
23 020 05	1013.9 C	00 05 04-11 10	
24 005 00	1/4BS	28 05 05 00 10	
25 008 01	1012.3 N	20 14 14 11 10	
26 005 00	3/4S-	1020.7 NE	04 14 14 11 10
27 010 02	1025.9 N	00 10 09 06 10	
28 005 01	1026.7 N	08 08 08 05 10	
29 008 01	1/2S-	1028.9 N	12 03 02 10
30 010 05	1027.4 N	05 05 04-02 10	

AVG 1012.1 07 10 10 06 07

ALERT NWT
SEPTEMBER 1961 0400 EST

01 008 10	1006.1 NW	08 18 18 17 8	
02 UNL 15	1010.7 C	00 20 19 18 5	
03 UNL 15	1017.4 C	00 21 21 19 5	
04 002 00	1/4F	1014.5 C	00 16 16 14 10
05 003 02	1002.6 N	05 16 16 14 10	
06 005 02	1005.8 C	00 21 20 19 10	
07 040 10	1011.6 NW	05 17 17 15 10	
08 UNL 15	1014.8 W	04 09 09 05 4	
09 002 00	1/4F	1019.0 NNE	03 13 13 11 10
10 020 10	1016.4 N	10 19 19 17 10	
11 003 00	1/4S-BS	1013.8 NNE	30 20 20 18 10
12 003 00	1/4S-BS	1010.9 NNE	22 16 16 13 10
13 008 01	1/2S-	1009.9 C	00 09 09 05 10
14 UNL 15	1013.1 NW	08-03-03-08 2	
15 UNL 15	1012.5 NW	12-06-06-13 1	
16 UNL 15	1012.7 C	00 05 04-05 1	
17 008 08	998.8 W	04 02 01-05 10	
18 002 00	1/8F	998.7 SW	05-03-03-06 10
19 UNL 15	998.2 C	00-05-05-15 2	
20 UNL 15	997.3 E	04 00-01-09 0	
21 UNL 15	1004.5 C	00 01 00-08 7	
22 160 15	1017.7 C	00 00-01-08 8	
23 008 03	1012.4 N	05 07 07 01 10	
24 005 00	1/4BS	1007.9 N	25 15 14 12 10
25 006 01	1012.9 N	18 15 15 12 10	
26 005 00	1/2S	1022.4 NE	06 12 12 09 10
27 008 02	1026.0 C	00 13 13 09 10	
28 006 01	1027.2 N	05 08 08 05 10	
29 010 02	1029.3 N	08 04 03-02 10	
30 020 10	1027.3 C	00 05 04-03 10	

AVG 1012.4 06 10 10 09 08

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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ALERT NWT
SEPTEMBER 1961 0700 EST

01 005 04	F	1006.6 N	08 20 20 18 10
02 UNL 15	1011.2 C	00 22 21 19 3	
03 UNL 15	1018.1 C	00 20 20 18 5	
04 002 00	1/4F	1013.6 W	05 18 18 17 10
05 003 02	1000.9 C	00 17 17 15 10	
06 050 07	1006.8 C	00 21 21 19 10	
07 UNL 15	1012.4 C	00 19 19 17 3	
08 UNL 15	1015.6 C	00 05 05-02 2	
09 002 00	1/8F	1019.1 NW	04 13 13 11 10
10 025 10	1016.0 N	16 21 20 18 10	
11 002 00	1/8S-BS	1014.2 NW	30 20 20 18 10
12 005 02	1010.0 S	05 15 11 10	
13 010 04	1011.1 C	00 09 08 04 10	
14 040 15	1013.6 NW	04 05 04 00 9	
15 010 10	1012.6 NE	08 02 02-05 9	
16 UNL 15	1013.0 W	04 06 05-03 0	
17 140 05	996.7 SE	05 02 02-03 8	
18 003 00	1/8F	995.6 W	04-02-02-05 10
19 UNL 15	997.8 C	00-01-02-14 1	
20 UNL 15	998.3 SE	05 02 01-11 0	
21 140 15	1006.3 C	00-02-03-10 8	
22 UNL 15	1018.6 W	06 01 00-08 2	
23 010 03	1011.3 C	00 08 08 03 10	
24 005 00	1/4S-BS	1008.1 N	25 17 17 16 10
25 008 01	1014.0 N	18 14 14 11 10	
26 006 01	1023.6 NW	08 11 11 08 10	
27 008 04	1026.4 NW	05 08 08 05 10	
28 008 01	1/2S-	1027.7 N	04 06 06 01 10
29 010 01	1/2F	1029.6 C	00 03 02-10 10
30 025 04	1027.1 C	00 06 05-01 10	

AVG 1012.7 05 10 10 05 08

ALERT NWT
SEPTEMBER 1961 1000 EST

01 010 12	1006.9 NW	06 21 20 18 6	
02 UNL 15	1011.3 NE	06 20 20 18 0	
03 UNL 15	1018.3 ENE	05 20 20 18 3	
04 140 12	1011.3 NW	05 18 18 16 9	
05 003 02	1002.6 N	05 16 16 13 10	
06 050 10	1007.4 S	04 19 18 15 9	
07 UNL 15	1012.4 W	04 15 14 10 3	
08 UNL 15	1015.9 C	00 09 08 03 2	
09 002 00	1/8F	1018.3 NNE	08 13 13 10 10
10 003 01	1015.2 N	25 21 20 18 10	
11 002 00	1/8S-BS	1014.0 NW	28 20 19 18 10
12 000 02	1008.1 SE	05 15 15 11 10	
13 UNL 15	1011.7 C	00 06 05 00 9	
14 UNL 15	1013.5 C	00 11 10 07 4	
15 010 10	1012.3 NW	07 05 05 01 10	
16 UNL 15	1012.5 E	04 07 06-02 1	
17 140 05	IC	995.5 C	00 01 01-03 8
18 UNL 15	1000.0 C	00-03-03-07 3	
19 120 15	996.9 C	00 00 00-08 8	
20 UNL 15	995.2 C	00 04 05-01 0	
21 140 15	1008.0 C	00 03 02-06 9	
22 UNL 15	1018.2 W	04 01 00-07 2	
23 UNL 04	1009.6 C	00 08 07 03 4	
24 005 00	1/2S	1008.4 N	20 17 14 10
25 008 01	1/2S-	1016.6 N	15 11 11 07 10
26 008 02	1024.0 W	06 08 08 04 8	
27 008 03	1026.2 NW	04 08 08 04 10	
28 008 01	1/2S-	1027.6 N	06 07 06 02 10
29 015 05	F	1029.1 C	00 01 01-04 10
30 012 03	F	1027.1 C	00 06 06-01 10

AVG 1012.4 06 10 10 06 07

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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ALERT NWT
SEPTEMBER 1961 1300 EST

01 UNL 15	1007.8 N	05 22 21 18 3	
02 UNL 15	1012.0 ENE	04 20 20 17 0	
03 UNL 15	1017.9 C	00 23 22 18 0	
04 UNL 15	1009.5 NE	09 20 18 14 3	
05 003 00	3/4S-	997.7 N	07 18 17 15 10
06 070 10	1007.8 E	04 20 19 15 10	
07 UNL 15	1012.6 W	04 17 15 07 2	
08 UNL 15	1016.7 C	00 08 07 02 2	
09 002 00	1/4F	1018.2 N	06 12 12 09 10
10 003 00	3/4S-	1016.0 NNE	24 20 20 17 10
11 002 00	1/4S-BS	1014.4 NNE	21 21 21 18 10
12 004 01	1007.7 C	00 17 17 13 10	
13 UNL 15	1012.1 C	00 05 05 00 2	
14 UNL 15	1013.2 C	00 04 04 01 1	
15 007 02	F	1011.7 SW	04 06 06 03 10
16 UNL 15	1011.3 NE	02 00-01-08 3	
17 120 12	IC	995.1 C	00 00 00-04 6
18 UNL 15	1000.4 C	00 01 00-04 2	
19 150 15	995.8 C	00 00 00-04 10	
20 UNL 15	IC	999.9 C	00 02 02-03 0
21 008 10	1010.2 C	00 03 03 00 10	
22 UNL 15	1017.7 C	00 05 05 02 4	
23 008 04	1008.9 NE	06 09 09 04 10	
24 005 00	1/2S	1009.3 N	21 17 17 14 10
25 008 01	1/2S-	1015.7 N	05 14 13 09 10
26 007 01	3/4S-	1024.3 NW	04 10 10 06 10
27 005 01	3/4S-	1026.1 C	00 09 09 05 10
28 007 01	1/4S-	1027.6 N	07 08 08 04 10
29 015 05	F	1028.5 C	00 03 02-10 10
30 050 07	1027.0 C	00 07 06 01 9	

AVG 1012.4 04 11 10 06 07

ALERT NWT
SEPTEMBER 1961 1600 EST

01 015 10	1008.7 ENE	05 21 21 19 9	
02 UNL 15	1013.2 C	00 23 22 19 0	
03 UNL 15	1017.3 C	00 22 21 17 0	
04 006 10	1007.5 N	04 18 18 16 10	
05 015 10	998.7 C	00 18 17 13 10	
06 010 07	1008.9 E	06 20 19 16 10	
07 UNL 15	1013.0 C	00 18 17 13 1	
08 UNL 15	1017.3 N	05 06 06 00 2	
09 004 10	1017.5 W	06 12 12 10 10	
10 003 00	3/4S-BS	1015.0 N	28 21 20 18 10
11 004 01	1014.5 W	06 20 20 16 10	
12 004 01	1007.8 C	00 18 18 14 10	
13 UNL 15	1012.7 C	00 00-01-04 1	
14 UNL 15	1013.5 WNW	05 01 01-03 0	
15 UNL 15	1010.7 W	12 04 04-03 2	
16 UNL 15	1008.9 NE	04-02-02-07 5	
17 UNL 15	995.3 C	00 01 00-07 4	
18 UNL 15	1000.2 C	00-03-04-09 1	
19 270 15	995.4 C	00 00 00-04 9	
20 UNL 15	IC	1000.4 C	00 02 02-03 0
21 UNL 00	1/4F	1012.8 C	00 04 04 02 9
22 007 10	1017.3 NW	07 05 05 02 6	
23 010 05	1008.8 N	03 07 07 04 10	
24 006 00	1/2S	1016.5 N	22 17 17 13 10
25 008 01	1/2S-	1016.9 N	10 14 14 09 10
26 008 05	1025.0 C	00 11 11 07 9	
27 005 01	3/4S-	1026.2 C	00 08 08 04 10
28 007 01	1/4S-	1027.7 N	12 08 08 04 10
29 010 01	1/2S-	1028.0 C	00 04 04 10 10
30 050 10	1027.3 C	00 07 07 01 6	

AVG 1012.6 05 10 10 06 07

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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ALERT NWT
SEPTEMBER 1961 1900 EST

01 UNL 15	1009.4 E	04 22 20 17 4	
02 UNL 15	1014.4 NW	00 20 19 15 1	
03 UNL 15	1017.6 C	00 18 17 13 3	
04 003 06	S-	1005.7 NE	08 17 17 15 10
05 007 01	1/2S-	1000.9 C	00 20 19 16 10
06 025 10	1009.7 SE	03 19 18 15 10	
07 UNL 15	1013.3 C	00 12 11 05 0	
08 UNL 02	F	1018.5 W	06 04 04 00 5
09 120 15	1017.8 NW	06 12 12 10 9	
10 004 01	1/4S-	1015.0 N	19 21 20 18 10
11 004 00	3/4S-	1014.3 C	00 19 19 15 10
12 004 01	1007.9 C	00 16 15 11 10	
13 UNL 15	1013.0 C	00-03-03-08 2	
14 UNL 15	1013.2 C	00-02-02-10 0	
15 UNL 15	1011.0 NNE	10 15 14 08 1	
16 130 15	1006.9 C	00-04-05-11 10	
17 UNL 15	995.8 C	00 00-01-06 2	
18 UNL 15	995.9 C	00 04-04-09 1	
19 UNL 15	995.1 C	00 21 19 11 2	
20 UNL 15	1001.1 C	00-02-02-08 0	
21 UNL 00	1/2F	1015.1 C	00 00 00-04 8
22 004 07	1017.1 C	00 01 01-01 10	
23 006 04	S-	1008.1 WNW	05 04 05-02 10
24 006 00	3/4S-	1011.5 N	21 17 16 15 10
25 005 00	3/4S-	1018.2 WNW	08 14 13 11 10
26 100 08	S-	1025.4 WNW	04 06 06 02 9
27 006 01	1/2S-	1026.8 C	00 07 07 04 10
28 007 01	1/4S-	1027.	

SYNOPTIC OBSERVATIONS

ALERT

Date	Calling (1000z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NMT
OCTOBER 1961 0100 EST

01 UNL 00	1/21C			1026.5 W	05	-09	-10	-16	1
02 UNL 15				1026.6 W	08	-11	-11	-23	0
03 UNL 15				1020.3 W	06	-12	-12	-21	1
04 020 08				1012.9 W	14	-05	-05	-16	10
05 002 00	1/8F			1006.8 C	00	-05	-05	-09	10
06 UNL 10				1003.7 W	30	18	18	16	2
07 UNL 15				1005.2 W	25	23	22	15	2
08 UNL 15				1014.9 WNE	04	-04	-05	-19	0
09 002 00	1/8F			1019.9 SE	05	00	00	-04	10
10 025 08				1007.4 N	07	00	-01	-11	10
11 015 03	F			1011.8 W	04	-05	-05	-08	10
12 UNL 15				1012.7 C	00	03	02	-03	4
13 050 10	S-			1013.6 C	00	-05	-05	-12	10
14 UNL 04	IC			1004.2 NE	05	00	00	-06	4
15 020 01	S-B5			1009.8 W	32	03	02	-03	10
16 UNL 00	1/2B5			1014.8 WSW	35	-02	-03	-07	4
17 UNL 15				1017.9 NW	06	-13	-13	-21	0
18 030 10				1013.7 C	00	-14	-14	-21	10
19 002 00	1/8B5			1004.7 W	45	-10	-10	-17	10
20 UNL 15				1010.2 C	00	00	-01	-09	0
21 UNL 15				1019.7 NW	05	-10	-10	-20	0
22 UNL 15				1014.5 NW	04	-05	-05	-14	0
23 010 10				1013.7 NNE	05	-02	-02	-07	10
24 025 10				1009.7 C	00	00	00	-06	9
25 UNL 15				1010.7 C	00	-06	-07	-19	2
26 UNL 15				1007.8 C	00	-01	-01	-09	9
27 040 15				1019.1 W	00	-01	-01	-09	9
28 UNL 15				1024.5 C	00	-01	-01	-11	0
29 UNL 15				1021.0 W	30	12	10	03	4
30 UNL 15				1019.4 W	25	15	14	08	2
31 UNL 15				1024.8 NW	12	04	03	-10	4
AVG				1013.7	10	-02	-02	-10	05

ALERT NMT
OCTOBER 1961 0400 EST

01 UNL 15				1025.9 C	00	-13	-14	-23	1
02 UNL 15				1026.4 WNW	15	-09	-10	-19	1
03 UNL 15				1018.8 NW	18	-07	-07	-16	4
04 015 08				1011.7 NW	15	-06	-07	-16	10
05 002 00	1/8F			1006.7 C	00	-07	-07	-11	10
06 UNL 15				1004.4 W	30	17	17	13	4
07 UNL 15				1006.7 C	00	04	03	-07	4
08 UNL 15				1015.1 C	00	-04	-05	-14	0
09 UNL 15				1012.2 C	00	-06	-06	-16	0
10 020 10				1007.6 WNW	05	-07	-07	-13	10
11 015 10				1012.2 C	00	-05	-05	-09	8
12 UNL 15				1012.6 WNW	04	-05	-05	-11	3
13 020 08	S-			1012.1 NW	08	-02	-02	-07	10
14 UNL 04	S-			1004.0 E	06	-03	-03	-08	4
15 UNL 12				1015.9 W	25	03	02	-06	4
16 UNL 15				1015.9 W	30	-02	-03	-09	0
17 UNL 15				1017.3 W	07	-16	-16	-24	4
18 040 10				1013.4 C	00	-13	-13	-20	10
19 002 00	1/8B5			1003.0 W	50	-06	-06	-12	10
20 UNL 04	IC			1014.3 C	00	-01	-02	-07	0
21 UNL 15				1015.0 C	00	-02	-02	-08	4
22 UNL 15				1015.9 W	05	-08	-09	-16	0
23 010 10				1013.5 W	06	-04	-04	-10	10
24 UNL 15				1008.9 WNW	08	-04	-04	-11	0
25 140 15				1008.5 C	00	-09	-09	-17	8
26 UNL 15				1008.9 C	00	-10	-10	-20	0
27 040 15				1018.1 W	03	-01	-02	-08	10
28 UNL 15				1025.4 C	00	-05	-06	-13	0
29 120 10				1019.7 W	30	12	11	05	9
30 UNL 15				1020.0 W	30	14	12	06	2
31 015 10				1024.0 WNW	08	08	06	-06	10
AVG				1013.7	10	-03	-04	-11	05

Date	Calling (1000z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NMT
OCTOBER 1961 0700 EST

01 UNL 15				1025.8 C	00	-08	-08	-17	1
02 UNL 15				1026.4 WNW	15	-05	-06	-13	0
03 200 15				1018.2 W	12	-07	-07	-16	7
04 010 08				1011.1 NW	12	-07	-07	-12	10
05 002 00	1/8F			1006.3 C	00	-08	-08	-12	10
06 UNL 15				1004.2 W	35	19	18	15	4
07 UNL 15				1008.2 W	00	00	-01	-09	4
08 150 15				1014.9 W	00	-03	-03	-13	8
09 010 10				1012.2 WNW	08	-05	-05	-09	10
10 020 10				1007.7 C	00	-07	-07	-13	10
11 UNL 15				1012.0 C	00	-05	-05	-09	2
12 UNL 15				1012.6 WNW	10	-07	-07	-15	2
13 010 04				1011.3 NNE	09	-02	-02	-07	10
14 010 04				1005.6 C	00	-01	-03	-14	10
15 UNL 11				1007.5 W	00	-03	-03	-08	3
16 UNL 15				1016.6 W	20	-04	-05	-12	1
17 UNL 15				1017.0 N	05	-14	-14	-23	1
18 040 10				1012.7 C	00	-11	-12	-18	10
19 002 00	1/8B5			1001.0 W	55	-02	-03	-08	10
20 UNL 15				1016.3 C	00	-03	-04	-10	4
21 UNL 15				1013.4 C	00	-04	-04	-13	0
22 UNL 15				1015.0 W	05	-08	-08	-17	0
23 010 10				1012.7 N	07	-01	-01	-06	10
24 UNL 15				1009.3 W	05	-03	-04	-10	0
25 100 10				1008.6 W	05	-08	-08	-16	10
26 100 10				1005.0 W	00	-11	-11	-20	3
27 050 10				1019.1 WNW	03	-03	-03	-09	9
28 UNL 15				1025.9 C	00	-05	-06	-13	3
29 120 00	1/4B5			1018.1 W	45	13	11	04	7
30 UNL 15				1021.5 WNW	18	14	13	05	3
31 015 10				1022.6 WNW	08	10	08	-02	10
AVG				1013.6	10	-03	-03	-10	06

ALERT NMT
OCTOBER 1961 1000 EST

01 UNL 15				1025.4 C	00	-10	-11	-20	1
02 UNL 15				1026.2 NW	15	-05	-06	-13	0
03 010 10				1016.5 N	12	-03	-03	-10	10
04 015 08				1010.1 NW	10	-08	-08	-13	10
05 002 00	1/8F			1005.8 C	00	-10	-10	-13	10
06 UNL 15				1004.1 W	25	19	19	15	4
07 UNL 15				1009.7 C	00	-02	-03	-12	3
08 050 15				1015.8 W	05	-05	-05	-14	9
09 010 10				1010.8 C	00	-03	-03	-08	10
10 025 10				1008.1 C	00	-09	-09	-14	9
11 UNL 12				1012.6 C	00	-08	-08	-13	4
12 UNL 15				1012.5 NW	10	-08	-08	-15	2
13 010 03	S-			1009.8 C	00	-02	-02	-07	10
14 010 03	S-			1005.5 W	15	-01	-02	-13	10
15 UNL 12				1009.3 W	30	-03	-03	-08	3
16 UNL 15				1017.3 C	00	-11	-12	-19	1
17 UNL 15				1016.9 WNW	10	-18	-18	-26	4
18 UNL 15				1011.6 C	00	-14	-14	-23	2
19 002 00	1/8B5			1001.0 W	45	00	00	-06	10
20 UNL 15				1017.6 C	00	-07	-08	-14	3
21 040 10				1020.3 NW	30	-03	-03	-12	10
22 030 15				1014.9 W	08	-08	-09	-17	10
23 010 10				1012.2 N	10	00	00	-05	10
24 120 15				1010.3 W	20	02	02	-04	8
25 UNL 15				1007.2 W	08	-10	-10	-18	4
26 100 15				1010.5 C	00	-10	-10	-20	9
27 080 08				1020.1 C	00	-01	-01	-07	9
28 200 15				1024.3 NW	10	02	02	-04	7
29 080 04	BS			1017.9 W	40	15	13	08	8
30 UNL 15				1022.8 WNW	09	07	07	00	4
31 015 10				1020.8 WNW	06	10	08	-02	10
AVG				1013.6	10	-03	-04	-11	07

Date	Calling (1000z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NMT
OCTOBER 1961 1300 EST

01 UNL 15				1025.2 C	00	-05	-05	-12	0
02 UNL 15				1025.3 WNW	08	-04	-05	-13	0
03 009 08				1015.3 N	09	-04	-05	-12	10
04 010 01	1/4F			1009.4 C	00	-07	-07	-13	10
05 UNL 00	1/2F			1004.8 W	12	-08	-08	-12	3
06 UNL 15				1003.4 W	32	20	19	15	4
07 UNL 15				1011.1 C	00	-01	-03	-14	3
08 055 15				1015.8 C	00	-03	-04	-14	9
09 008 10	S-			1010.3 C	00	-02	-02	-07	10
10 025 10				1008.8 C	00	-09	-09	-14	7
11 290 15				1013.0 C	00	-06	-07	-16	8
12 UNL 15				1013.0 NW	10	-10	-11	-20	1
13 010 04				1007.4 NW	10	00	00	-04	10
14 007 03	S-			1003.2 W	20	-01	-02	-09	10
15 UNL 12				1011.5 W	30	-03	-03	-09	3
16 UNL 15				1017.7 C	00	-10	-11	-20	0
17 UNL 15				1015.6 WNW	10	-15	-16	-24	2
18 UNL 15				1011.0 W	03	-18	-19	-28	2

SYNOPTIC OBSERVATIONS

ALERT

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NWT
NOVEMBER 1961 0100 EST

01 015 08	S-	1022.8 N	05 05 04 -03 10
02 120 10	IC	1030.1 WNW	09 -10 -10 -16 10
03 010 00	1/2F	1021.8 WNW	08 -06 -06 -11 10
04 UNL 15		1019.7 C	00 -18 -18 -23 0
05 015 08		1011.6 C	00 -09 -09 -16 10
06 010 08		1007.2 C	00 -11 -11 -19 10
07 070 15	S-	1012.0 C	00 -18 -18 -26 10
08 UNL 15		1016.2 C	00 -31 -31 -43 0
09 UNL 15		1014.6 C	00 -25 -26 -40 0
10 UNL 15		1011.7 C	00 -15 -16 -31 0
11 UNL 15		1011.3 ENE	00 -14 -15 -27 0
12 UNL 15		1016.9 C	00 -24 -25 -39 0
13 UNL 15		1014.9 NE	10 -06 -07 -19 4
14 UNL 15		1002.0 C	00 -10 -11 -23 0
15 UNL 15		1001.8 C	00 -07 -08 -14 5
16 001 00	1/8BS	995.0 W	65 -04 -05 -11 10
17 003 00	1/4BS	1002.9 W	50 -07 -06 -00 10
18 UNL 15		999.4 N	07 -05 -06 -01 0
19 UNL 15		1006.1 C	00 -05 -06 -13 2
20 065 10	S-	1005.3 NW	03 -11 -12 -18 10
21 030 07	S-	1009.8 C	00 -14 -15 -23 10
22 UNL 15		1025.3 C	00 -25 -25 -40 1
23 UNL 08		1022.7 NW	09 -12 -13 -20 4
24 070 10		1031.9 NW	03 -05 -06 -14 8
25 UNL 15		1026.6 C	00 -09 -10 -22 3
26 UNL 15		1029.5 WNW	09 -06 -07 -18 4
27 014 08		1019.3 NW	06 -11 -12 -23 10
28 024 08		1025.7 WNW	06 -07 -07 -15 9
29 UNL 00	1/2BS	1021.0 W	62 01 00 -03 4
30 UNL 00	1/2BS	1022.0 W	45 10 09 03 6

AVG 1015.2 10 -10 -11 -20 05

ALERT NWT
NOVEMBER 1961 0400 EST

01 012 07	S-	1024.0 NW	06 03 04 -01 10
02 012 07		1030.9 NE	08 -10 -10 -20 8
03 010 01	F	1021.8 N	02 -05 -05 -09 10
04 UNL 15		1019.2 C	00 -16 -16 -22 0
05 050 06	S-	1010.3 C	00 -09 -09 -15 10
06 010 07	S-	1008.0 SSE	04 -13 -13 -20 10
07 UNL 08		1012.5 NW	02 -26 -27 -36 2
08 UNL 08		1017.2 NW	07 -28 -28 -39 0
09 UNL 15		1013.7 C	00 -27 -27 -41 0
10 UNL 10		1011.8 NE	02 -23 -24 -35 0
11 UNL 10		1010.9 SE	03 -16 -17 -28 0
12 UNL 08		1017.4 SE	03 -22 -23 -33 0
13 UNL 15		1013.7 SW	12 -09 -10 -22 3
14 UNL 15		1002.2 C	00 -13 -14 -27 0
15 UNL 15		1001.2 NW	03 -12 -13 -24 0
16 001 00	1/8BS	996.7 W	60 -02 -02 -09 10
17 002 00	1/4BS	1002.8 W	43 10 09 05 10
18 UNL 10		1000.1 C	00 -07 -08 -19 0
19 UNL 10	IC	1007.1 C	00 -04 -05 -13 3
20 024 10	S-	1004.3 WNW	06 -10 -10 -17 10
21 070 07	S-	1012.6 NE	03 -15 -15 -24 9
22 UNL 15		1026.1 SW	03 -28 -28 -46 0
23 UNL 15		1025.3 NW	09 -15 -16 -29 3
24 UNL 15		1031.9 SW	07 -10 -11 -27 0
25 UNL 15		1027.6 N	04 -08 -09 -17 4
26 UNL 15		1028.4 NW	06 -07 -08 -15 7
27 010 08	S-	1019.4 C	00 -06 -07 -14 10
28 UNL 15		1026.3 W	18 -05 -06 -13 1
29 002 00	1/8BS	1021.1 W	60 01 01 -07 10
30 UNL 00	1/8BS	1023.9 W	50 10 09 03 6

AVG 1015.6 11 -11 -11 -21 05

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NWT
NOVEMBER 1961 0700 EST

01 075 07	S-	1025.0 N	08 03 03 -04 9
02 UNL 08		1030.8 NE	01 -10 -11 -20 4
03 UNL 08		1023.1 C	00 -13 -14 -24 2
04 UNL 10		1017.7 C	00 -18 -18 -26 5
05 050 07		1009.8 C	00 -11 -11 -19 10
06 012 07		1008.2 SSE	05 -11 -13 -24 10
07 UNL 08		1012.8 NW	02 -24 -24 -34 2
08 UNL 08		1016.7 NW	09 -29 -29 -44 1
09 UNL 15		1012.4 NW	02 -29 -29 -40 0
10 UNL 10		1011.0 WNW	09 -21 -22 -32 1
11 UNL 10		1009.8 NW	06 -20 -20 -32 1
12 UNL 10		1017.4 W	06 -18 -19 -30 0
13 UNL 10		1011.2 NE	04 -00 -01 -08 3
14 UNL 10		1002.3 C	00 -09 -10 -24 2
15 UNL 10		999.9 C	00 -11 -11 -23 1
16 UNL 00	1/8BS	998.3 W	58 -03 -03 -10 8
17 UNL 04	BS	1003.2 W	35 -09 -08 03 9
18 UNL 10		1001.5 W	03 -06 -07 -18 0
19 080 08	S-	1007.4 NW	03 -06 -07 -16 6
20 024 07		1003.2 NW	04 -09 -09 -16 10
21 UNL 08		1015.0 NE	08 -16 -17 -25 5
22 UNL 15		1026.3 SW	05 -29 -29 -48 0
23 UNL 15		1026.1 SW	18 -07 -08 -19 3
24 UNL 15		1030.9 SW	10 -08 -09 -16 0
25 UNL 15		1027.8 C	00 -10 -11 -19 2
26 UNL 15		1026.7 C	00 -08 -08 -18 1
27 010 08	S-	1020.9 W	07 -08 -08 -17 10
28 UNL 00	1/2BS	1024.6 W	18 -17 -17 -21 1
29 002 00	1/8BS	1021.0 W	50 05 05 -03 10
30 UNL 03	BS	1025.8 W	33 11 10 04 5

AVG 1015.7 10 -11 -11 -21 04

ALERT NWT
NOVEMBER 1961 1000 EST

01 080 08		1025.6 NW	05 02 02 -06 8
02 015 10		1030.3 C	00 -10 -11 -20 8
03 UNL 15		1023.1 C	00 -18 -19 -32 2
04 025 10		1016.5 C	00 -16 -16 -24 8
05 045 08		1009.2 C	00 -12 -13 -20 10
06 022 08		1009.0 WNW	02 -18 -19 -28 7
07 UNL 15		1012.7 C	00 -27 -27 -38 2
08 UNL 10		1017.0 NW	05 -30 -30 -42 2
09 020 15		1011.2 NW	03 -25 -26 -35 8
10 UNL 15		1009.9 C	00 -16 -16 -27 1
11 020 07	1/2BS	1009.2 C	00 -17 -18 -28 10
12 UNL 08		1016.5 NW	17 -12 -13 -23 3
13 UNL 10		1009.4 NW	11 00 -01 -09 3
14 UNL 15		1003.0 NE	07 -10 -11 -23 2
15 UNL 10		998.0 W	36 -03 -04 -11 4
16 UNL 00	1/4BS	1000.7 W	40 -03 -04 -10 4
17 UNL 01	1/2BS	1002.5 W	42 08 07 03 5
18 UNL 10		1002.1 NW	05 -10 -11 -23 3
19 UNL 08	S-	1007.4 NW	03 -06 -07 -16 4
20 018 07	S-	1003.0 NW	07 -10 -10 -17 10
21 UNL 07	S-	1017.6 NE	01 -18 -18 -25 5
22 UNL 15		1025.6 NE	03 -27 -27 -35 0
23 UNL 15		1027.1 SW	12 -09 -10 -22 3
24 UNL 15		1029.4 C	00 -07 -08 -18 0
25 UNL 15		1027.7 C	00 -10 -11 -19 9
26 UNL 15		1025.0 C	00 -05 -06 -15 0
27 009 08	S-	1021.6 NW	08 -04 -04 -11 10
28 UNL 15		1026.0 W	23 -04 -05 -18 0
29 001 00	1/8BS	1021.2 W	55 08 06 -05 10
30 075 10		1026.0 W	28 11 10 03 10

AVG 1015.6 10 -11 -11 -21 05

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NWT
NOVEMBER 1961 1300 EST

01 080 10		1026.0 WNW	03 -01 -02 -10 7
02 010 08		1029.2 N	03 -10 -11 -21 10
03 UNL 15		1023.0 C	00 -13 -14 -26 1
04 015 10		1016.8 WNW	03 -12 -13 -20 9
05 012 08		1008.3 C	00 -10 -11 -17 10
06 050 08		1009.3 C	00 -17 -18 -26 6
07 UNL 15		1013.2 C	00 -26 -26 -36 1
08 100 10		1017.0 NW	08 -28 -28 -39 6
09 010 10		1011.5 NW	04 -23 -23 -32 9
10 UNL 15		1007.8 WNW	05 -19 -20 -29 2
11 020 08		1010.0 C	00 -16 -17 -25 10
12 UNL 10		1015.8 SW	11 -07 -08 -15 4
13 UNL 06	BS	1007.0 SW	20 01 00 -07 2
14 UNL 15		1003.2 E	08 -06 -07 -17 2
15 UNL 00	1/4BS	996.0 W	55 -03 -03 -11 2
16 070 00	1/4BS	1001.6 W	42 -01 -01 -08 10
17 070 08		1003.1 NW	16 02 02 -07 7
18 060 10		1002.9 C	00 -05 -06 -15 6
19 UNL 10		1007.4 NW	04 -11 -12 -24 1
20 022 07	S-	1002.3 NW	03 -11 -12 -20 6
21 UNL 07	S-	1019.4 C	00 -18 -18 -25 5
22 UNL 15		1025.1 NE	02 -27 -28 -41 0
23 080 15	S-	1029.4 SW	14 -10 -11 -20 10
24 UNL 15		1028.1 W	07 -05 -06 -16 0
25 UNL 15		1027.8 W	16 -08 -08 -18 0
26 UNL 15		1022.4 W	05 -10 -11 -23 0
27 009 08	S-	1022.9 C	00 -04 -05 -12 10
28 UNL 00	1/2BS	1025.2 W	37 -03 -03 -13 4
29 002 00	1/8BS	1022.0 W	50 08 07 -05 10
30 075 15		1027.2 NW	13 11 10 03 10

AVG 1015.4 11 -09 -10 -19 05

ALERT NWT
NOVEMBER 1961 1600 EST

01 070 10	S-	1027.3 NW	04 -01 -02 -11 10
02 020 10		1028.1 WNW	05 -10 -11 -24 10
03 UNL 01	IF	1022.5 C	00 -19 -19 -27 0
04 015 08		1014.9 C	00 -10 -11 -19 10
05 010 08	S-	1007.9 C	00 -10 -10 -18 10
06 UNL 10		1010.4 C	00 -17 -17 -26 5
07 UNL 15		1014.3 C	00 -25 -25 -40 1
08 UNL 10		1016.6 NW	10 -27 -27 -38 5
09 010 10		1011.7 WNW	02 -22 -23 -31 9
10 100 00	1/2BS	1006.4 WSW	36 -10 -11 -20 8
11 020 07	S-	1012.0 NE	07 -15 -16 -27 10
12 UNL 10		1015.0 WSW	20 -05 -05 -13 5
13 UNL 15		1005.1 NW	14 -02 -03 -11 0
14 UNL 15		1003.5 C	00 -05 -06 -17 0
15 001 00	1/8BS	994.2 W	60 01 01 -07 10
16 070 00	1/4BS	1001.6 W	55 -01 -02 -08 10
17 UNL 15		1003.1 NW	00 -03 -04 -15 0
18 UNL 15		1004.2 C	00 -05 -05 -14 5
19 UNL 10	IC	1007.1 NW	04 -09 -10 -21 1
20 UNL 07	S-	1003.3 C	00 -12 -13 -20 4
21 UNL 07	S-	1021.7 C	00 -18 -19 -25 5
22 UNL 06	IF	1024.3 NE	01 -25 -26 -38 0
23 070 10	S-	1030.4 WNW	09 -06 -07 -15 10
24 UNL 15		1026.6 W	24 -05 -06 -18 0
25 UNL 15		1028.9 WNW	10 -13 -13 -24 0
26 UNL 15		1021.1 C	00 -11 -11 -24 0
27 026 08		1024.3 NW	08 -05 -06 -13 10
28 UNL 00	1/2BS	1025.6 W	36 -01 -02 -11 4
29 001 00	1/8BS	1019.8 W	73 10 09 01 10
30 008 01	S-F	1029.7 E	14 08 08 02 10

AVG 1015.4 13 -09 -10 -19 06

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NWT
NOVEMBER 1961 1900 EST

01 040 10	S-	1026.6 NE	06 00 -01 -09 10
02 020 10		1025.6 WNW	05 -11 -12 -26 10
03 001 00	1/4F	1021.8 WNW	03 -19 -20 -27 10
04 015 08	S-	1013.8 C	00 -11 -12 -20 10
05 010 08	S-	1007.5 C	00 -10 -11 -18 10
06 UNL 15		1011.4 C	00 -20 -20 -44 0
07 UNL 15		1015.2 C	00 -29 -29 -44 1
08 UNL 10		1016.6 C	00 -24 -24 -32 0
09 UNL 10		1012.1 NW	05 -24 -24 -39 2
10 UNL 00	1/2BS	1006.2 W	37 04 03 -09 2
11 020 08	S-	1013.7 NE	04 -16 -17 -27 6
12 UNL 15		1014.9 W	18 -05 -06 -15 5
13 UNL 15		1003.7 C	00 -14 -14 -20 0
14 UNL 15		1003.6 C	00 -11 -11 -19 0
15 UNL 00	1/8BS	995.2 W	50 -04 -05 -13 8
16 003 00	1/4BS	1001.8 W	55 -01 -01 -05 10
17 UNL 15		1002.0 C	00 -06 -06 -12 0
18 UNL 15		1004.8 C	00 -03 -03 -11 3
19 UNL 15		1006.8 NW	06 -11 -11 -19 0
20 030 07	S-	1004.8 C	

SYNOPTIC OBSERVATIONS

ALERT

Date	Calling (1000 Hz)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NMT
DECEMBER 1961 0100 EST

01 UNL 10	1026.7	C	00	-08	-09	-20	2
02 UNL 10	1027.4	MSW	08	-08	-09	-20	0
03 UNL 15	1015.9	SM	04	-10	-11	-23	5
04 UNL 10	1019.2	C	00	-15	-15	-25	2
05 UNL 08	1016.7	NW	08	08	07	02	3
06 UNL 08	1014.5	NW	11	05	04	-03	3
08 010 02	1029.1	N	09	-18	-19	-26	10
09 UNL 08	1033.5	W	21	-16	-16	-28	4
10 UNL 10	1029.7	NW	12	-16	-25	-35	0
11 010 03	1031.7	C	00	-23	-23	-30	10
12 030 03	1025.9	C	00	-34	-34	-44	6
13 UNL 10	1014.2	SW	06	-30	-30	-39	0
14 UNL 01	1022.2	NW	35	-15	-15	-20	0
15 UNL 15	1035.9	C	00	-25	-25	-35	0
16 UNL 15	1007.1	W	07	-30	-31	-42	0
17 UNL 15	1003.6	C	00	-29	-29	-37	0
18 UNL 15	1025.9	NW	05	-22	-22	-33	0
19 UNL 15	1040.5	C	00	-29	-30	-44	0
20 UNL 15	1030.6	C	00	-29	-30	-40	1
21 UNL 15	1021.4	C	00	-27	-27	-44	0
22 UNL 15	1028.3	W	37	-17	-18	-30	4
23 UNL 10	1029.8	W	28	-21	-21	-32	1
24 170 15	1029.2	NW	10	-26	-26	-36	9
25 UNL 15	1026.3	C	00	-30	-30	-42	0
26 035 03	1039.7	C	00	-25	-25	-38	10
27 UNL 15	1030.7	W	07	-25	-26	-38	0
28 100 15	1023.8	E	05	-25	-25	-35	10
29 070 10	1007.9	C	00	-04	-04	-09	10
30 UNL 10	1019.3	C	00	-26	-26	-36	0
31 UNL 08	1002.4	NW	10	-30	-31	-45	4
AVG	1021.7		07	-21	-21	-31	03

ALERT NMT
DECEMBER 1961 0400 EST

01 020 05	1035.0	C	00	-01	-03	-15	10
02 UNL 15	1026.1	WSW	07	-09	-09	-20	0
03 UNL 15	1026.0	C	00	-09	-10	-25	0
04 UNL 15	1017.4	C	00	-11	-12	-24	0
05 UNL 15	1019.4	C	00	-16	-16	-24	0
06 UNL 06	1016.3	SW	35	07	06	00	1
07 UNL 10	1012.7	W	18	06	06	00	0
08 010 02	1031.2	S	08	-19	-19	-22	10
09 UNL 15	1034.9	C	00	-16	-17	-25	0
10 UNL 15	1030.7	W	07	-25	-26	-38	0
11 UNL 15	1032.2	C	00	-24	-24	-34	0
12 UNL 15	1024.9	NW	08	-35	-35	-49	0
13 UNL 10	1013.2	W	05	-29	-30	-40	0
14 UNL 00	999.9	W	35	-15	-16	-21	5
15 UNL 10	1027.8	W	18	-24	-24	-34	0
16 UNL 10	1007.0	W	08	-36	-36	-48	0
17 UNL 15	1003.5	C	00	-29	-29	-40	0
18 UNL 10	1030.8	C	00	-22	-23	-33	0
19 UNL 15	1040.3	NW	07	-33	-34	-46	0
20 120 15	1028.5	C	00	-32	-32	-45	7
21 UNL 15	1027.3	W	29	-12	-13	-27	4
22 075 10	1028.2	W	38	-17	-17	-30	6
23 100 08	1029.4	W	27	-16	-16	-27	6
24 170 15	1028.9	W	07	-26	-27	-36	9
25 100 10	1028.6	C	00	-28	-28	-39	9
26 120 03	1039.2	C	00	-24	-25	-36	9
27 UNL 15	1032.2	C	00	-35	-35	-49	0
28 100 15	1022.2	C	00	-25	-25	-35	10
29 050 03	1008.7	E	04	-07	-08	-14	10
30 UNL 15	1018.0	C	00	-27	-27	-35	0
31 UNL 10	1000.9	WNW	09	-31	-31	-43	5
AVG	1022.3		09	-20	-20	-31	03

Date	Calling (1000 Hz)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NMT
DECEMBER 1961 0700 EST

01 040 05	1035.8	C	00	-01	-02	-11	10
02 UNL 15	1024.9	W	04	-10	-11	-23	0
03 UNL 15	1023.9	SW	03	-02	-03	-16	0
04 UNL 15	1018.1	C	00	-15	-15	-27	0
05 UNL 15	1018.9	C	00	-15	-15	-19	0
06 UNL 06	1017.5	W	30	08	08	03	0
07 UNL 15	1014.0	E	17	04	03	-04	0
08 010 02	1032.0	WSW	22	-13	-14	-20	10
09 100 10	1034.8	C	00	-17	-17	-30	10
10 UNL 15	1029.7	NW	15	-21	-21	-33	0
11 UNL 15	1032.0	W	04	-25	-26	-35	0
12 UNL 15	1023.4	NW	07	-34	-34	-44	0
13 UNL 10	1011.9	SW	02	-24	-24	-30	0
14 UNL 00	999.1	W	40	-16	-16	-22	6
15 UNL 10	999.9	W	23	-25	-25	-35	0
16 UNL 10	1007.6	W	03	-30	-31	-42	0
17 UNL 10	1005.4	ESE	06	-25	-25	-35	0
18 UNL 10	1034.5	W	17	-16	-17	-25	0
19 UNL 15	1039.1	NW	09	-33	-33	-46	0
20 100 10	1025.5	C	00	-30	-30	-42	8
21 UNL 15	1030.5	WSW	35	-14	-14	-27	2
22 040 07	1027.0	W	36	-16	-16	-27	10
23 100 10	1028.2	W	32	-15	-15	-27	8
24 120 10	1029.5	NW	06	-26	-27	-37	9
25 100 10	1030.8	NW	04	-27	-27	-38	0
26 120 05	1038.5	C	00	-23	-24	-35	8
27 UNL 15	1031.0	C	00	-36	-36	-47	0
28 100 08	1019.4	C	00	-28	-28	-39	0
29 050 02	1010.4	E	04	-11	-11	-18	10
30 UNL 15	1016.8	C	00	-36	0	0	0
31 UNL 10	999.9	C	00	-33	-34	-46	5
AVG	1022.3		10	-20	-20	-30	04

ALERT NMT
DECEMBER 1961 1000 EST

01 040 05	1035.2	C	00	-01	-02	-10	10
02 UNL 15	1025.2	NW	05	-10	-11	-23	0
03 UNL 15	1021.0	C	00	-09	-05	-18	0
04 UNL 15	1018.1	C	00	-13	-14	-20	0
05 UNL 15	1017.7	W	36	-16	-16	-22	10
06 UNL 06	1017.9	W	25	09	08	03	0
07 100 10	1017.5	E	10	-07	-07	-15	7
08 010 02	1032.5	W	25	-10	-10	-18	10
09 100 10	1033.8	NW	03	-17	-18	-32	10
10 UNL 15	1029.6	NE	03	-26	-27	-39	0
11 UNL 15	1031.5	C	00	-31	-31	-43	0
12 UNL 15	1022.2	C	00	-30	-30	-39	0
13 UNL 10	1009.9	W	04	-24	-24	-32	0
14 UNL 01	997.5	WSW	28	-16	-16	-22	3
15 UNL 10	1002.2	NW	14	-25	-26	-35	0
16 UNL 10	1007.0	W	08	-26	-27	-39	0
17 100 08	1008.0	C	00	-25	-25	-35	10
18 UNL 10	1037.4	W	20	-18	-19	-28	0
19 UNL 15	1038.1	W	04	-33	-33	-46	0
20 120 10	1020.4	SSE	05	-28	-28	-42	8
21 UNL 15	1031.5	W	16	-15	-16	-27	0
22 080 08	1027.4	W	32	-16	-17	-28	7
23 100 10	1028.6	NE	03	-24	-25	-36	8
24 120 10	1029.0	NE	03	-24	-24	-36	6
25 090 07	1031.2	N	02	-25	-25	-38	10
26 100 05	1037.6	W	05	-27	-27	-38	6
27 UNL 10	1029.1	C	00	-32	-32	-45	2
28 090 07	1015.6	C	00	-25	-25	-35	10
29 050 02	1012.7	E	03	-15	-15	-23	10
30 UNL 15	1014.3	C	00	-36	0	0	0
31 100 10	999.5	N	11	-35	-35	-45	6
AVG	1021.9		07	-20	-21	-31	04

Date	Calling (1000 Hz)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NMT
DECEMBER 1961 1300 EST

01 UNL 15	1034.2	C	00	-05	-05	-15	4
02 UNL 15	1027.2	C	00	-07	-08	-16	5
03 UNL 15	1018.4	S	05	-01	-02	-16	0
04 UNL 15	1017.3	E	03	-15	-15	-23	0
05 UNL 15	1016.8	C	00	-18	-18	-22	0
06 UNL 10	1018.9	W	20	06	05	00	0
07 040 15	1021.0	NE	13	-05	-05	-12	10
08 010 06	1032.5	W	26	-05	-05	-12	10
09 UNL 15	1032.9	W	05	-20	-21	-35	2
10 UNL 15	1030.1	C	00	-25	-25	-35	0
11 UNL 10	1030.1	C	00	-31	-32	-43	0
12 UNL 15	1019.6	WNW	06	-32	-33	-45	0
13 UNL 08	1007.9	W	24	-16	-16	-24	0
14 UNL 05	996.0	WSW	30	-15	-15	-21	0
15 UNL 10	1004.1	W	18	-26	-26	-36	0
16 UNL 15	1005.9	W	04	-27	-27	-38	1
17 060 10	1009.9	N	02	-22	-23	-33	10
18 UNL 10	1039.1	W	02	-20	-21	-30	0
19 UNL 15	1036.5	NW	05	-32	-32	-45	0
20 090 10	1016.1	NW	09	-25	-26	-38	8
21 UNL 10	1017.0	C	00	-16	-17	-30	1
22 090 08	1038.5	W	20	-17	-17	-30	9
23 UNL 10	1029.3	C	00	-26	-27	-39	2
24 UNL 15	1026.5	S	04	-25	-25	-38	0
25 040 03	1033.8	NW	05	-24	-25	-34	10
26 UNL 08	1037.1	NW	08	-32	-32	-45	2
27 UNL 15	1030.3	C	00	-28	-29	-40	3
28 090 08	1011.5	NE	02	-25	-25	-35	6
29 050 02	1015.3	C	00	-16	-16	-22	10
30 UNL 15	1011.5	C	00	-30	-30	-39	0
31 UNL 15	999.6	N	19	-22	-23	-33	0
AVG	1021.8		08	-20	-20	-30	03

ALERT NMT
DECEMBER 1961 1600 EST

01 UNL 10	1031.8	NW	03	-06	-07	-16	2
02 075 10	1029.6	SW	06	-05	-06	-14	10
03 UNL 10	1016.3	W	16	03	02	-05	0
04 UNL 15	1017.0	C	00	-13	-13	-21	0
05 UNL 15	1015.7	C	00	-15	-15	-20	0
06 UNL 08	101						

SYNOPTIC OBSERVATIONS

CLYDE

Date	Calling (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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CLYDE NMT
AUGUST 1961 0100 EST

01 005 00	1/2S	998.1 E	02 33 33 33 10
02 025 25		999.8 N	12 37 37 36 10
03 020 02	R	998.1 N	04 37 36 36 10
04 080 25		1002.8 N	02 39 38 36 8
05 UNL 25		999.7 N	04 39 38 36 6
06 025 25		1001.2 N	14 32 32 31 10
07 010 00	1/2F	999.7 N	10 35 35 34 10
08 015 01	F	999.5 N	04 33 33 33 10
09 015 01	F	999.0 NNW	12 36 35 33 10
10 010 02	R-F	992.8 NNW	20 34 34 34 10
11 080 00	1/2F	996.7 E	06 39 38 35 7
12 030 25		999.6 E	02 35 35 34 10
13 080 25		1008.5 S	01 34 34 33 10
14 025 25		1009.0 N	06 31 31 31 10
15 025 25		1011.1 N	04 31 31 31 10
16 UNL 25		1014.1 ESE	02 32 32 31 1
17 UNL 25		1012.8 E	02 33 33 32 5
18 020 10		998.2 E	04 35 35 34 10
19 000 00	1/2F	995.0 N	10 34 34 34 10
20 015 10		998.5 NW	06 37 36 35 10
21 010 10		1001.9 NNW	06 37 36 35 10
22 UNL 25		998.7 SE	04 33 33 31 2
23 010 01	S-	996.1 E	10 33 33 30 10
24 UNL 25		1004.0 N	06 35 34 32 5
25 UNL 25		1010.6 E	02 37 35 33 1
26 030 25		1002.6 NNW	14 40 39 33 9
27 025 25		1001.2 E	02 35 34 33 9
28 020 10	S-	1007.8 E	02 34 34 33 10
29 025 25		1010.1 W	08 35 35 32 10
30 020 05	S-	1005.0 SE	06 32 30 28 10
31 015 02	S-	993.4 ESE	10 33 33 33 10
AVG		1002.0	06 35 35 33 09

CLYDE NMT
AUGUST 1961 0400 EST

01 080 00	1/2F	998.1 WSW	04 32 32 32 6
02 080 25		998.9 E	06 38 37 37 10
03 025 10		998.7 N	06 38 37 36 10
04 030 25		1002.0 E	01 41 39 37 9
05 UNL 25		1000.6 SSE	06 42 40 35 5
06 030 25		1000.5 NW	08 37 37 35 10
07 015 00	1/2F	996.3 N	06 34 34 33 10
08 000 00	1/4F	1000.2 NNE	06 34 34 34 10
09 020 01	F	998.8 NNE	08 35 35 35 10
10 010 02	S-	991.9 NNW	20 34 34 34 10
11 UNL 25		997.2 WSW	02 34 34 34 5
12 080 25		1000.9 SW	04 35 35 35 10
13 080 25		1000.4 SSW	04 34 34 33 8
14 025 25		1009.3 N	02 34 34 33 10
15 000 00	1/4F	1011.3 SW	04 32 32 32 10
16 UNL 25		1014.8 NNE	02 33 32 32 0
17 UNL 25		1010.9 SE	10 43 40 35 4
18 015 15		997.3 ESE	02 34 34 34 10
19 015 01	F	994.6 NNW	10 33 33 33 10
20 000 00	1/4F	994.8 NW	08 36 36 34 10
21 025 25		1001.9 NW	04 36 35 34 7
22 UNL 25		997.7 E	04 32 31 31 5
23 005 02	F	998.1 E	10 33 33 32 10
24 025 25		1005.0 NW	10 35 34 33 9
25 UNL 25		1009.8 S	10 36 35 33 2
26 UNL 25		1005.1 N	12 38 36 33 5
27 025 25		1008.3 ENE	04 34 34 33 10
28 010 00	1/2S-F	1007.9 ENE	06 33 33 33 10
29 025 25		1010.4 NW	10 34 33 29 7
30 020 25		1003.4 ESE	04 30 29 24 10
31 010 02	S-	993.2 E	08 34 33 33 10
AVG		1002.2	07 35 35 33 08

CLYDE NMT
AUGUST 1961 0700 EST

01 UNL 25		998.0 S	02 34 34 33 4
02 080 20		998.8 E	10 36 36 35 10
03 020 15		999.4 W	02 40 40 39 10
04 120 25		1001.9 SW	03 46 42 36 7
05 UNL 25		1001.6 NE	03 48 43 38 1
06 002 01	F	999.1 NW	26 38 37 37 10
07 015 01	F	996.4 N	12 35 35 34 10
08 010 12		1000.3 NNE	06 36 35 35 10
09 000 00		998.1 N	03 37 37 37 10
10 015 08	1/2L-F	999.9 N	12 34 34 33 10
11 080 20		997.8 SSE	02 37 37 36 8
12 100 25		1001.6 W	04 35 34 32 7
13 080 25		1010.0 SSE	02 37 36 35 9
14 025 20		1009.8 SW	04 35 35 34 10
15 000 00	1/4F	1011.9 SSW	03 33 33 33 10
16 UNL 25		1014.6 SW	03 38 37 36 0
17 060 25		1009.5 SE	10 44 40 34 9
18 025 25		997.0 NE	04 37 37 36 10
19 012 04	F	993.8 NNW	16 35 35 34 10
20 000 01	F	996.1 NW	10 35 35 35 10
21 UNL 25		1001.8 SSW	24 37 35 32 5
22 100 25		996.9 E	08 34 34 32 10
23 020 20		1000.0 ENE	06 35 35 34 10
24 100 25		1006.6 NW	17 38 36 32 9
25 200 25		1009.4 SSW	12 42 38 31 9
26 030 25		1006.4 N	14 38 37 33 8
27 020 25		1000.2 SSW	04 37 35 34 10
28 008 01	1/2S-F	1009.2 NE	03 32 32 31 10
29 020 25		1010.4 W	04 36 33 27 10
30 020 20		1001.3 E	12 32 32 30 10
31 010 02	F	993.0 SE	10 34 34 33 10
AVG		1002.3	07 37 36 34 09

CLYDE NMT
AUGUST 1961 1000 EST

01 003 03	F	998.3 WSW	01 37 36 35 9
02 010 20		997.6 E	12 39 38 37 10
03 070 20		1000.3 NW	04 41 40 38 9
04 180 25		1001.1 SSE	24 52 47 40 6
05 UNL 25		1001.9 ENE	09 51 45 38 2
06 010 08		997.1 NW	17 39 38 37 10
07 015 00	1/2F	996.9 N	10 35 35 35 10
08 010 10		1000.3 N	09 37 37 36 10
09 020 10		996.7 N	07 38 37 37 10
10 004 05	L	998.1 NW	14 35 35 34 10
11 012 04	F	998.4 E	08 37 37 36 10
12 030 25		1003.0 WSW	03 38 38 37 9
13 080 25		1010.5 E	08 40 39 37 9
14 025 25		1010.1 SW	07 36 36 34 10
15 080 25		1011.3 SW	04 37 36 34 8
16 UNL 25		1014.3 NNW	02 41 40 38 1
17 020 20		1008.8 E	12 39 38 35 10
18 100 25		996.9 E	04 39 38 37 6
19 010 02	R-	992.9 NNW	20 37 36 35 10
20 000 01	L-	997.6 N	10 35 35 34 10
21 UNL 25		1001.6 NW	02 44 40 35 3
22 040 25		996.0 S	08 40 38 36 8
23 010 08		1001.3 N	10 36 35 34 10
24 035 25		1007.6 N	16 38 36 33 9
25 080 25		1007.8 SW	16 44 39 30 9
26 030 25		1006.8 N	08 39 36 33 9
27 010 12		1008.0 NNW	04 35 35 34 10
28 030 20		1009.2 NW	16 34 33 31 9
29 UNL 25		1009.7 N	02 41 37 32 4
30 010 08		999.4 E	14 33 33 31 10
31 004 03	R-	992.8 ESE	08 36 35 35 10
AVG		1002.2	09 39 37 35 08

CLYDE NMT
AUGUST 1961 1300 EST

01 UNL 25		998.5 NW	06 41 40 38 6
02 015 20		997.2 E	10 39 38 37 9
03 UNL 25		1000.6 SSW	06 50 44 36 2
04 080 25		1000.7 SSE	28 49 45 40 9
05 UNL 25		1001.6 E	07 51 44 37 1
06 005 05		996.6 NNW	20 38 38 37 10
07 020 01	R-	997.1 NE	08 35 35 35 10
08 010 12		1000.2 N	12 39 38 37 10
09 020 15		998.3 N	10 38 37 35 10
10 025 25		993.0 NW	08 38 37 35 10
11 008 03	R-	998.8 ENE	07 36 35 35 10
12 030 25		1004.1 ESE	12 42 40 36 9
13 080 25		1010.2 E	14 38 37 36 8
14 025 25		1010.2 W	04 37 35 32 10
15 030 15		1012.3 E	02 40 40 39 9
16 UNL 25		1013.7 W	04 47 43 38 1
17 060 25		1007.1 ESE	16 37 36 35 10
18 UNL 25		995.5 E	03 47 44 40 6
19 010 05	L-	992.3 NNW	14 36 36 34 10
20 005 01	R-F	998.6 NNE	06 36 36 36 10
21 UNL 25		1000.8 SSW	10 45 40 31 3
22 020 25		994.9 ESE	22 37 36 34 9
23 010 08		1001.9 N	18 37 37 36 10
24 020 20		1008.8 N	10 39 37 33 9
25 030 20		1005.9 SW	16 42 39 32 9
26 030 25		1007.5 W	04 37 35 32 2
27 020 15		1000.0 ESE	06 37 36 34 9
28 060 20		1008.9 NW	14 38 35 30 8
29 040 25		1009.0 E	08 39 36 34 8
30 010 05	S-	997.9 ESE	14 34 33 32 10
31 010 12		992.7 E	02 37 36 35 10
AVG		1002.0	11 40 38 35 08

CLYDE NMT
AUGUST 1961 1600 EST

01 120 25		998.5 ESE	15 48 44 37 8
02 003 08		997.3 ENE	08 37 37 36 10
03 UNL 25		1001.3 SSW	12 51 44 33 1
04 025 20		1000.9 E	12 39 38 36 10
05 UNL 25		1001.9 E	16 45 43 40 4
06 003 04	R-	995.9 NW	12 37 37 36 10
07 000 00	3/4F	997.8 ENE	08 35 35 35 10
08 010 03	R	1000.1 N	11 39 39 38 10
09 020 20		999.6 N	16 37 36 36 10
10 080 25		998.2 N	04 40 38 36 10
11 010 04	R-	999.0 NE	05 37 36 36 10
12 035 25		1005.6 ESE	14 42 40 38 9
13 080 01	1/2F	1010.2 ENE	12 35 34 34 8
14 025 25		1010.4 ESE	10 41 39 37 10
15 180 25		1015.1 NNW	02 41 40 38 7
16 UNL 25		1013.6 SSE	06 44 37 2
17 000 00	1/4F	1004.1 E	16 35 35 35 10
18 020 20		996.0 N	10 38 38 36 9
19 008 04	R-	992.7 N	14 36 35 34 10
20 005 01	1/2R-F	1000.0 N	08 36 35 35 10
21 UNL 25		1000.3 NW	07 42 39 34 5
22 005 02	1/2F	998.6 ESE	17 34 34 33 10
23 100 25		1002.7 N	18 38 36 34 6
24 060 25		1010.0 NE	03 40 37 33 7
25 040 25		1003.3 S	24 46 40 31 10
26 030 20		1007.7 N	18 38 39 30 9
27 020 20		1008.4 ESE	06 36 35 33 9
28 015 15		1009.0 NNW	22 37 35 32 9
29 030 25		1008.1 E	06 38 35 32 7
30 004 02	1/2L-	996.3 ESE	14 34 34 33 10
31 010 15		993.3 WSW	04 37 36 35 10
AVG		1002.0	11 39 38 35 08

CLYDE NMT
AUGUST 1961 1900 EST

01 120 25		998.6 S	18 47 44 40 9
02 025 02	1/2R-F	997.1 E	08 35 35 35 10
03 UNL 25		1001.7 SSW	08 47 42 36 1
04 020 20		999.6 SE	28 43 41 38 10
05 030 25		1002.2 E	12 37 37 37 10
06 010 10		995.6 N	08 37 37 36 10
07 010 10		998.8 NNE	06 35 35 34 10
08 015 05	R-	999.8 WSW	02 39 38 38 10
09 020 02		994.8 N	14 36 36 34 10
10 025 25		995.9 ESE	10 39 38 36 10
11 015 10		999.3 NNE	04 35 35 34 10
12 035 25		1006.8 NW	02 39 38 36 9
13 UNL 25		1009.5 ENE	06 37 36 35 2
14 025 25		1010.6 N	02 39 38 36 10
15 UNL 25		1013.6 W	02 41 40 38 2
16 UNL 25		1013.0 SSW	06 43 43 42 4
17 000 00	1/4F	1001.8 E	06 34 34 34 10
18 020 20		996.1 N	10 36 36 35 10
19 010 10		995.2 NNW	12 36 35 34 10
20 010 02	R-F	1000.8 NW	16 37 36 35 10
21 UNL 25		995.5 SE	02 44 41 37 2
22 010 0			

SYNOPTIC OBSERVATIONS

CLYDE

Date	Cloud (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NWT
SEPTEMBER 1961 0100 EST

01 015 25				996.0	MSW	14	36	33	27	10
02 025 25				1005.4	SE	10	32	30	26	10
03 040 25				1013.8	NW	02	35	34	33	10
04 010 01	S-			998.1	ESE	10	33	33	33	10
05 010 20				990.1	N	06	34	34	33	10
06 015 25				1002.7	NW	08	33	33	32	10
07 025 25				1012.9	E	02	33	32	31	10
08 015 05	S-			1013.1	SW	04	31	31	30	10
09 025 25				1012.0	N	02	31	31	31	10
10 025 25				1013.1	N	12	30	30	29	10
11 015 10				1013.2	NNW	18	30	30	28	10
12 020 25				1011.5	N	12	32	32	31	10
13 025 25				1008.0	W	12	31	30	27	6
14 035 10				1005.7	ESE	04	27	26	24	6
15 UNL 25				1007.3	N	04	27	26	24	5
16 025 25				1005.0	C	00	30	30	28	10
17 005 01	S-			990.3	N	08	30	29	10	10
18 UNL 25				995.0	ESE	02	22	21	17	1
19 010 02	S-			987.1	N	06	28	28	27	10
20 010 10				985.6	NNW	20	30	30	29	10
21 025 25				1008.4	NW	08	29	24	22	10
22 015 20				1008.7	NNW	08	27	26	25	10
23 015 10				1003.8	NW	14	27	27	25	10
24 030 25				1004.2	SE	02	22	22	20	9
25 020 25				1005.8	NW	10	24	24	23	10
26 080 25				1013.5	SE	06	27	27	26	8
27 020 25				1020.6	NW	08	29	29	28	10
28 025 25				1020.4	NNW	06	23	23	19	8
29 UNL 25				1024.8	SE	06	16	16	12	1
30 UNL 25				1027.5	SE	02	12	11	06	0

AVG 1006.8 08 28 28 26 09

CLYDE NWT
SEPTEMBER 1961 0400 EST

01 025 25				998.2	MSW	16	35	32	26	10
02 030 25				1007.1	MSW	06	33	30	22	10
03 040 25				1012.9	S	02	32	32	32	8
04 010 01	1/4F			995.4	E	14	33	33	33	10
05 010 01	F			990.5	SW	08	34	33	33	10
06 015 01	F			1004.5	NW	06	33	33	32	10
07 015 25				1013.3	S	12	33	32	28	9
08 015 25				1013.4	E	02	31	30	29	10
09 025 25				1011.7	N	04	32	32	32	10
10 025 25				1013.2	NNW	14	30	30	29	10
11 010 15				1013.1	NNW	12	30	30	29	10
12 010 25				1011.5	NW	14	32	31	31	10
13 010 25				1007.5	WSW	12	30	29	27	10
14 UNL 10				1006.1	W	02	25	25	22	2
15 080 25				1007.3	ESE	02	27	26	24	7
16 020 25				1002.9	NNE	02	30	30	28	10
17 005 05	S-			990.6	NW	08	30	30	29	10
18 025 25				994.4	SSW	18	30	28	25	10
19 010 02	S-			983.9	N	14	30	30	29	10
20 005 10				989.8	NNW	20	30	30	29	10
21 025 25				1010.8	W	06	25	24	23	10
22 015 25				1008.2	NNE	04	24	24	22	10
23 020 25				1003.8	NW	15	25	25	23	7
24 180 25				1004.7	NW	06	25	25	23	6
25 020 25				1007.5	NW	06	22	22	20	7
26 025 25				1014.2	SE	08	29	28	27	8
27 030 25				1021.2	S	04	27	27	26	9
28 025 25				1021.6	NNW	06	22	22	20	10
29 UNL 25				1025.2	W	08	17	17	14	1
30 UNL 25				1027.8	SE	06	05	04	00	0

AVG 1007.1 08 28 28 26 09

Date	Cloud (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NWT
SEPTEMBER 1961 0700 EST

01 035 25				1000.6	MSW	20	34	31	27	8
02 100 25				1008.8	N	03	35	32	27	8
03 012 15				1011.2	E	10	35	34	33	10
04 000 00	1/4S F			992.7	E	16	33	33	33	10
05 010 05	S			993.1	SW	02	34	34	33	10
06 020 15				1005.1	NNW	08	35	35	33	9
07 UNL 25				1014.4	S	13	32	30	26	5
08 032 25				1013.3	NW	02	32	31	29	10
09 030 25				1012.2	NW	10	32	31	29	10
10 035 25				1013.5	NW	12	31	30	27	8
11 020 15				1013.1	NNW	15	31	29	27	10
12 030 25				1011.7	NNW	12	32	30	29	10
13 035 25				1007.0	W	04	30	29	27	9
14 UNL 25				1006.5	SSE	10	26	24	19	3
15 060 20				1007.9	W	02	28	27	24	10
16 015 20				1001.2	NNW	10	30	29	27	10
17 006 02	1/2S-F			991.9	N	14	30	29	10	10
18 080 25				994.1	C	00	29	28	25	10
19 005 01	S-F			981.9	NE	10	32	32	32	10
20 005 10				993.9	NNW	18	30	30	29	10
21 035 25				1011.6	W	07	26	24	18	7
22 010 25				1009.8	ESE	06	25	24	21	10
23 UNL 25				1003.8	NW	16	27	26	24	5
24 060 25				1004.9	SE	04	20	19	15	8
25 180 25				1008.9	SSW	08	23	22	18	8
26 015 20				1015.5	SE	10	29	28	27	10
27 080 25				1020.9	SW	03	25	24	19	6
28 060 25				1021.8	NW	18	22	20	14	7
29 UNL 25				1025.6	ESE	04	12	12	07	2
30 UNL 25				1028.1	SE	04	10	09	02	1

AVG 1007.4 09 28 27 24 08

CLYDE NWT
SEPTEMBER 1961 1000 EST

01 UNL 25				1001.7	MSW	20	35	34	30	4
02 080 25				1010.1	SW	03	37	33	25	7
03 060 25				1010.7	SE	14	34	32	28	9
04 000 00	1/4S-F			991.2	E	12	33	33	33	10
05 010 12				996.3	C	00	35	34	33	10
06 020 15				1006.4	NW	06	35	35	33	10
07 UNL 25				1014.8	S	04	35	32	28	4
08 030 25				1012.8	E	02	34	33	32	10
09 030 25				1012.5	NW	12	33	31	29	10
10 030 20				1013.3	NW	12	32	31	29	9
11 010 15				1012.9	N	18	31	29	26	10
12 025 20				1011.4	NW	14	31	30	27	10
13 035 25				1006.3	SW	08	30	28	21	9
14 UNL 25				1006.9	NE	03	32	30	26	4
15 180 25				1007.7	NW	06	32	31	29	8
16 012 15				998.5	NNW	12	32	31	30	10
17 015 12				992.7	N	12	31	30	27	9
18 070 25				993.7	NNW	03	31	29	25	10
19 005 01	S-F			980.0	N	10	32	32	32	10
20 015 12				997.0	NW	08	31	30	28	10
21 UNL 25				1011.9	SSW	02	24	22	15	5
22 005 00	1/2S			1006.8	ESE	02	28	27	27	10
23 UNL 25				1003.2	NW	12	26	25	22	4
24 060 25				1004.2	NW	08	28	26	24	8
25 UNL 25				1009.8	SE	04	22	21	16	6
26 010 15				1016.1	ESE	08	29	28	24	10
27 UNL 25				1020.9	S	04	26	24	18	4
28 070 25				1023.0	NW	18	23	21	15	6
29 UNL 25				1026.1	SW	08	20	18	12	2
30 UNL 25				1027.6	ESE	04	13	12	07	1

AVG 1007.6 08 30 28 25 08

Date	Cloud (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NWT
SEPTEMBER 1961 1300 EST

01 UNL 25				1002.5	MSW	20	35	32	25	5
02 100 25				1011.4	SW	03	39	35	26	7
03 010 10				1008.8	E	16	35	34	33	10
04 004 01	3/4R-F			990.8	N	06	34	34	34	10
05 005 10	S-			998.9	NNE	01	36	35	34	10
06 050 20				1007.4	NW	10	36	35	34	9
07 UNL 25				1014.9	W	03	36	34	30	3
08 035 25				1012.9	NE	01	35	34	34	10
09 030 20				1012.6	NW	06	33	32	30	10
10 010 10				1013.3	N	16	33	32	30	10
11 020 15				1012.5	N	16	31	30	27	10
12 010 15				1011.1	NW	14	31	30	27	10
13 035 25				1006.0	SE	08	31	28	21	9
14 UNL 25				1007.0	SSE	01	31	29	25	5
15 UNL 25				1007.6	C	00	34	32</		

SYNOPTIC OBSERVATIONS

CLYDE

Date	Calling (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heav)
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CLYDE NWT
OCTOBER 1961 0100 EST

01 UNL 25	1024.5	C	00	12	12	08	0			
02 025 25	1015.2	SSE	10	26	24	21	10			
03 010 20	1005.3	NW	12	26	25	22	10			
04 030 20	1001.6	SE	08	22	21	17	8			
05 UNL 25	1005.4	SSE	07	21	20	14	1			
06 030 15	999.8	SSE	18	32	31	28	10			
07 025 20	1007.3	N	08	30	29	27	9			
08 015 20	1014.2	W	02	26	24	21	10			
09 020 15	1002.7	NW	16	26	25	23	10			
10 030 25	1007.5	WNW	14	20	19	13	8			
11 UNL 25	1013.8	ESE	04	14	12	03	3			
12 005 05	1003.4	N	06	23	23	22	10			
13 015 10	1009.3	N	14	20	19	15	10			
14 020 25	1007.4	NW	10	14	13	09	10			
15 UNL 25	1012.8	WNW	04	08	08	00	0			
16 UNL 25	1009.6	W	16	11	10	04	3			
17 UNL 25	1015.2	N	04	09	08	03	0			
18 005 15	1006.1	NW	22	18	18	15	10			
19 015 15	1007.5	ENE	12	21	19	14	10			
20 025 10	1008.3	NW	20	22	22	19	10			
21 050 25	1004.8	SW	14	12	11	04	10			
22 UNL 25	1007.5	W	12	02	01	-09	0			
23 UNL 25	1009.5	WNW	05	02	01	-05	0			
24 060 06	1009.7	E	08	11	11	05	10			
25 025 15	999.0	SSE	20	33	32	31	7			
26 UNL 20	1011.0	SW	26	14	13	05	2			
27 UNL 25	1004.2	SW	11	02	01	-01	0			
28 UNL 25	1033.4	SE	02	00	00	-06	0			
29 030 25	1033.4	SSE	08	16	15	11	8			
30 020 12	1023.6	SE	16	19	18	14	8			
31 025 25	1019.2	SSE	02	16	16	13	10			
AVG	1011.2		10	17	16	11	06			

CLYDE NWT
OCTOBER 1961 0400 EST

01 UNL 25	1024.2	SE	04	15	15	11	1			
02 025 25	1014.2	SSE	08	26	25	22	10			
03 010 15	1004.8	NW	12	27	26	24	10			
04 UNL 25	1001.0	S	16	25	23	19	5			
05 UNL 25	1005.5	SSE	10	18	17	12	1			
06 030 20	999.7	S	12	34	32	29	10			
07 025 25	1010.9	N	10	30	29	27	10			
08 015 20	1012.9	NW	05	27	25	20	10			
09 015 15	1002.9	NW	16	24	23	20	10			
10 UNL 25	1010.2	WNW	14	20	18	13	4			
11 UNL 25	1011.6	SW	16	26	22	10	5			
12 015 06	1003.7	NNE	08	21	21	19	9			
13 015 12	1010.0	NW	14	18	17	13	10			
14 030 25	1007.6	WNW	09	15	13	02	7			
15 UNL 25	1015.4	WNW	02	10	03	0	0			
16 UNL 25	1009.1	W	14	06	05	-05	1			
17 UNL 25	1015.4	SSE	10	05	05	00	0			
18 002 00	1004.5	NW	20	19	19	16	10			
19 015 10	1007.8	NE	06	20	18	12	10			
20 025 15	1009.0	NW	12	22	21	15	10			
21 060 25	1007.6	SSE	11	09	01	0	0			
22 UNL 25	1007.5	E	03	-07	-08	-17	0			
23 UNL 25	1009.1	NW	03	-02	-02	-08	0			
24 020 20	1007.1	SE	26	17	17	14	10			
25 025 20	996.8	SSW	08	32	30	28	10			
26 UNL 20	1012.2	SW	36	12	11	04	1			
27 UNL 25	1022.0	SE	02	-01	-02	-11	4			
28 UNL 25	1034.2	NE	02	05	05	01	0			
29 030 25	1033.2	SSE	10	16	15	10	8			
30 020 15	1022.7	S	16	20	19	15	8			
31 030 10	1018.9	ENE	06	16	16	13	10			
AVG	1011.3		11	17	16	11	06			

Date	Calling (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heav)
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CLYDE NWT
OCTOBER 1961 0700 EST

01 UNL 25	1023.5	S	10	18	18	15	3			
02 015 10	1013.0	SSW	08	26	25	22	10			
03 005 02	1004.3	NW	16	26	25	22	10			
04 030 25	1001.5	SE	06	23	23	19	7			
05 100 25	1004.4	SW	10	23	22	17	9			
06 025 25	1001.0	SSW	04	35	31	25	10			
07 025 10	1012.4	N	06	28	27	24	10			
08 025 25	1011.6	ENE	04	25	24	20	10			
09 080 25	1009.0	NW	16	23	22	18	8			
10 UNL 25	1012.2	NE	02	09	08	00	2			
11 100 25	1009.2	SE	08	22	21	18	6			
12 010 00	1004.3	WNW	08	23	23	21	10			
13 020 25	1010.3	NW	10	18	18	14	10			
14 080 25	1008.1	WNW	10	13	12	06	10			
15 UNL 25	1013.0	N	12	10	09	00	1			
16 UNL 25	1008.8	W	16	07	06	-04	1			
17 025 25	1014.2	SSE	06	12	11	05	10			
18 025 10	1005.2	NW	10	20	20	17	10			
19 025 10	1008.5	NE	04	19	18	14	10			
20 025 15	1009.0	NW	20	20	20	17	10			
21 020 25	1008.2	SW	10	10	09	01	10			
22 UNL 25	1007.5	NW	08	03	03	-06	0			
23 UNL 25	1010.8	SE	02	-03	-04	-10	0			
24 015 00	1004.5	ESE	36	19	18	16	10			
25 025 25	997.9	S	12	30	29	28	7			
26 UNL 25	1012.1	SW	16	13	12	06	7			
27 UNL 25	1054.2	SW	12	09	08	01	0			
28 UNL 25	1034.4	SSE	10	09	09	03	0			
29 030 25	1032.0	SSE	06	15	15	09	6			
30 025 25	1022.1	S	08	20	19	15	10			
31 025 10	1019.0	E	04	15	15	12	10			
AVG	1011.3		10	17	16	11	07			

CLYDE NWT
OCTOBER 1961 1000 EST

01 UNL 25	1023.2	S	08	22	22	20	5			
02 025 25	1011.4	N	04	26	26	23	10			
03 005 10	1003.9	N	12	27	26	24	10			
04 UNL 25	1001.8	NNE	06	24	23	18	3			
05 030 25	1003.4	S	16	26	25	23	9			
06 025 25	1000.8	S	06	34	31	26	9			
07 025 10	1013.8	N	04	29	28	26	10			
08 010 01	1009.8	NW	06	25	25	22	10			
09 025 25	1003.1	NW	14	26	25	23	9			
10 UNL 25	1013.5	E	02	13	11	05	1			
11 020 25	1007.1	WSW	04	24	24	20	10			
12 UNL 10	1004.0	NW	12	23	23	20	5			
13 020 25	1010.3	NW	12	18	17	13	9			
14 UNL 25	1008.2	WNW	08	14	13	06	3			
15 UNL 25	1012.3	SSE	04	06	05	-04	1			
16 UNL 25	1010.1	NW	12	10	09	04	1			
17 025 25	1013.0	SSE	06	14	13	09	10			
18 025 25	1005.1	NW	20	21	20	17	9			
19 025 15	1008.0	NW	12	22	20	17	10			
20 025 25	1009.1	NW	16	18	18	14	10			
21 025 25	1008.8	SW	08	10	09	02	9			
22 UNL 25	1007.8	NW	08	04	03	-05	0			
23 UNL 25	1011.3	E	02	00	-01	-19	0			
24 015 00	1000.2	SE	12	25	24	22	10			
25 UNL 10	999.5	SW	34	29	29	28	3			
26 UNL 25	1013.3	SW	10	13	12	06	4			
27 UNL 25	1026.6	ESE	02	00	00	-08	0			
28 025 25	1035.1	ESE	08	10	09	03	8			
29 UNL 25	1031.0	SE	12	18	17	13	5			
30 025 25	1021.2	S	14	21	20	17	7			
31 000 00	1018.6	WSW	02	15	15	12	10			
AVG	1011.1		10	18	18	13	07			

Date	Calling (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heav)
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CLYDE NWT
OCTOBER 1961 1300 EST

01 UNL 25	1022.0	SSE	10	23	22	20	4			
02 025 01	1009.7	NW	06	27	26	23	10			
03 010 10	1009.4	NW	16	27	27	23	10			
04 UNL 25	1002.4	ESE	04	22	22	18	4			
05 025 10	1001.6	SE	30	28	28	17	9			
06 025 25	1001.0	SSE	10	34	32	28	8			
07 025 02	1014.2	NNW	06	29	29	28	10			
08 005 00	1007.9	E	10	29	28	27	10			
09 UNL 25	1005.6	NW	12	25	24	22	3			
10 UNL 25	1015.1	S	04	16	13	10	0			
11 010 25	1005.3	N	03	24	24	21				

SYNOPTIC OBSERVATIONS

CLYDE

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (hPa)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NWT
NOVEMBER 1961 0100 EST

01 010 20			1017.4 C	00	12	12	10	10		
02 UNL 25			1019.8 S	01	00	00	-05	0		
03 025 10	S-		1018.5 NNW	08	15	14	10	10		
04 025 20			1016.4 NW	08	08	07	02	10		
05 025 10	S-		1008.0 NW	12	07	06	00	10		
06 UNL 25			1004.2 E	01	-05	-06	-13	0		
07 025 25			1004.9 NW	16	05	05	-03	10		
08 025 25			1005.5 N	12	00	01	-06	10		
09 025 25			1002.7 W	10	-04	-04	-16	6		
10 UNL 25			1011.2 SE	02	-13	-14	-24	2		
11 UNL 25			1013.8 ESE	01	-18	-19	-29	2		
12 UNL 25			1020.1 SE	02	-18	-19	-31	0		
13 UNL 25			1015.1 C	00	-15	-15	-26	0		
14 UNL 25			1001.9 NE	02	-04	-05	-13	3		
15 UNL 25			1005.9 C	02	-11	-11	-22	0		
16 UNL 25			1023.4 C	00	-16	-17	-30	1		
17 UNL 25			1016.2 E	02	-19	-19	-28	0		
18 UNL 25			1006.4 SE	02	-14	-15	-23	0		
19 UNL 25			1004.3 C	00	-16	-16	-30	1		
20 UNL 25			997.1 NE	02	-09	-10	-18	4		
21 030 02	F		1010.3 NE	04	-07	-07	-14	10		
22 025 01	F		1017.4 NNW	06	-01	-02	-08	10		
23 030 25			1028.4 SE	01	-07	-07	-16	7		
24 015 02	F		1030.0 NNW	20	-03	-04	-10	10		
25 UNL 25	F		1025.4 W	10	-10	-10	-28	1		
26 UNL 02	F		1025.5 N	10	-10	-10	-18	1		
27 UNL 25			1015.7 NE	02	-19	-19	-30	1		
28 100 25			1026.7 C	00	-07	-07	-17	7		
29 030 25			1036.1 NNE	02	03	02	-05	10		
30 UNL 25			1041.0 N	14	01	00	-06	10		

AVG 1015.8 05 -06 -07 -15 05

CLYDE NWT
NOVEMBER 1961 0400 EST

01 000 00	1/2F		1018.1 WSW	02	13	13	12	10		
02 025 25			1020.1 S	02	05	05	01	7		
03 025 10			1018.6 NNW	28	12	11	08	10		
04 UNL 20			1015.5 NNW	01	06	05	-01	4		
05 015 15			1007.2 NNW	14	07	07	01	10		
06 UNL 25			1004.3 E	02	-05	-06	-14	0		
07 020 05			1005.6 NW	14	06	06	-01	10		
08 025 25	S-		1005.7 NE	12	-04	-07	-13	10		
09 025 25			1003.2 SSW	06	-02	-02	-11	10		
10 UNL 25			1012.8 ENE	02	-11	-12	-22	0		
11 UNL 25			1013.8 ESE	02	-17	-17	-27	2		
12 UNL 25			1021.2 ESE	02	-18	-19	-29	0		
13 UNL 25			1012.5 SSE	02	-17	-17	-29	0		
14 UNL 25			1001.8 E	02	-06	-06	-12	2		
15 UNL 25			1009.4 C	00	-07	-08	-16	0		
16 UNL 25			1024.3 E	02	-18	-19	-29	2		
17 UNL 25			1015.4 ESE	04	-19	-19	-28	0		
18 UNL 25			1006.9 E	02	-15	-16	-28	0		
19 UNL 25			1003.3 E	02	-17	-18	-32	2		
20 UNL 25			997.9 NE	06	-07	-07	-14	4		
21 030 10			1013.0 NE	06	-06	-06	-14	10		
22 025 02	F		1018.4 NW	14	00	01	-08	10		
23 UNL 25			1029.4 SSE	02	-14	-14	-25	0		
24 025 25			1030.6 NNW	14	-04	-04	-12	10		
25 UNL 25			1029.3 SSW	04	-13	-13	-22	0		
26 UNL 02	F		1025.4 N	08	-10	-11	-20	5		
27 UNL 25			1017.9 E	02	-19	-19	-30	0		
28 025 25			1028.2 C	00	-02	-03	-09	10		
29 030 25			1037.7 NNE	02	04	04	-02	10		
30 UNL 25			1040.9 NE	03	-05	-05	-12	5		

AVG 1016.2 05 -06 -06 -15 05

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (hPa)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NWT
NOVEMBER 1961 0700 EST

01 000 00	1/2F		1018.6 NNE	03	12	12	11	10		
02 030 25			1020.4 C	00	08	07	01	10		
03 020 02	S-BS		1018.5 N	18	14	13	10	10		
04 UNL 20			1014.0 NW	01	04	03	-02	1		
05 030 15			1006.9 NW	11	06	06	-01	9		
06 UNL 25			1004.3 E	01	-05	-05	-13	7		
07 008 01			1005.6 NW	20	05	05	00	10		
08 UNL 25	S-BS		1006.1 NNW	08	-08	-08	-20	4		
09 100 25			1003.6 NW	16	-02	-03	-13	9		
10 100 25			1014.8 E	02	-14	-15	-23	6		
11 UNL 25			1014.2 ESE	02	-20	-21	-44	1		
12 UNL 25			1021.7 C	00	-18	-18	-29	0		
13 UNL 25			1009.8 E	02	-13	-14	-23	4		
14 020 20			1001.6 SE	02	-03	-04	-11	10		
15 030 08			1012.0 SE	02	-05	-06	-13	9		
16 UNL 25			1024.6 C	00	-19	-19	-28	1		
17 UNL 25			1014.3 NE	01	-19	-19	-28	0		
18 UNL 25			1007.0 E	02	-16	-16	-26	0		
19 UNL 25			1002.6 ESE	02	-16	-17	-30	0		
20 UNL 25			999.4 E	04	-10	-11	-20	3		
21 080 25			1013.9 E	05	-06	-06	-13	7		
22 020 15			1019.7 N	12	00	00	-07	10		
23 UNL 25			1030.0 E	04	-10	-11	-21	1		
24 UNL 25			1030.5 NE	08	-07	-07	-18	4		
25 UNL 25			1025.4 W	10	-10	-10	-28	1		
26 080 01	BS		1021.1 NW	24	-09	-10	-21	8		
27 080 25			1018.9 NNE	02	-15	-15	-28	6		
28 025 25			1029.2 NNE	04	-01	-02	-09	10		
29 025 03	S-		1039.2 NE	02	05	04	-02	10		
30 UNL 25			1040.8 NNW	12	-05	-06	-13	2		

AVG 1016.4 06 -06 -07 -16 05

CLYDE NWT
NOVEMBER 1961 1000 EST

01 010 04	F		1018.9 NW	02	10	10	08	10		
02 UNL 25			1021.0 C	00	03	03	-03	2		
03 020 05	S-		1018.2 N	16	12	12	07	9		
04 UNL 20			1012.5 N	08	05	04	-02	3		
05 030 20			1006.0 NW	10	07	06	00	8		
06 180 25			1004.2 C	00	-03	-03	-10	8		
07 070 15			1005.6 NW	20	03	02	-05	8		
08 UNL 25			1006.6 NW	10	-08	-09	-20	6		
09 UNL 25			1004.4 ESE	03	-05	-06	-18	6		
10 UNL 25			1015.5 SE	01	-14	-14	-25	0		
11 UNL 25			1015.1 SE	02	-19	-19	-30	0		
12 UNL 25			1021.7 E	01	-13	-13	-24	0		
13 180 25			1007.4 E	04	-12	-13	-24	8		
14 UNL 25			1001.3 NNW	04	-07	-08	-18	3		
15 UNL 25			1014.7 SE	02	-11	-12	-22	1		
16 UNL 25			1024.7 E	01	-19	-19	-28	1		
17 UNL 25			1012.0 SSE	04	-22	-22	-32	0		
18 UNL 25			1006.7 SE	02	-17	-18	-32	0		
19 UNL 25			1001.8 C	00	-19	-19	-30	3		
20 UNL 25			1001.0 E	01	-16	-17	-30	3		
21 UNL 25			1015.3 NNE	02	-10	-10	-19	3		
22 006 02	S-F		1021.4 NNW	12	-01	-02	-11	10		
23 UNL 25			1030.7 C	00	-19	-19	-32	1		
24 100 25			1030.0 N	04	-04	-05	-20	8		
25 UNL 25			1030.2 SE	04	-18	-18	-36	0		
26 025 04	F		1018.7 NW	16	-09	-10	-23	9		
27 UNL 25			1019.9 NE	02	-11	-12	-24	4		
28 030 25			1025.9 C	00	-01	-02	-11	10		
29 025 10			1040.4 NE	04	02	02	-04	10		
30 UNL 25			1039.0 NNE	02	-10	-11	-21	0		

AVG 1016.5 05 -08 -08 -18 05

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (hPa)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NWT
NOVEMBER 1961 1300 EST

01 000 00	1/4F		1019.3 WSW	01	10	10	09	10		
02 UNL 25			1020.9 C	00	07	07	02	1		
03 UNL 10			1018.1 NW	14	11	10	04	3		
04 015 10			1011.7 NW	12	07	07	01	9		
05 UNL 25			1005.9 NNW	06	04	03	-03	5		
06 180 25			1004.2 C	00	-02	-01	-09	9		
07 070 15			1005.6 NW	10	02	01	-07	8		
08 080 20			1006.4 NW	12	-07	-08	-18	8		
09 UNL 25			1005.2 E	06	-06	-07	-17	4		
10 UNL 25			1016.1 SSE	04	-13	-14	-22	2		
11 UNL 25			1015.7 SSE	02	-18	-18	-29	0		
12 UNL 25			1021.3 E	02	-16	-17	-24	0		
13 080 25			1005.5 ESE	04	-05	-06	-16	8		
14 UNL 25			1009.7 NE	02	-10	-11	-23	1		
15 UNL 25			1016.9 SE	02	-18	-18	-29	0		
16 UNL 25			1023.6 C	00	-20	-20	-27	1		
17 UNL 25			1010.1 SSE	01	-19	-19	-28	0		
18 UNL 25			1006.							

SYNOPTIC OBSERVATIONS

CLYDE

Date	Calling (100's h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NMT
DECEMBER 1961 0100 EST

01 UNL 25				1035.2 NE	04	-10	-11	-21	0	
02 UNL 25				1039.0 N	08	-09	-09	-20	0	
03 UNL 25				1019.4 N	02	-12	-12	-22	0	
04 UNL 25				1018.2 E	02	04	-05	-15	3	
05 UNL 25				1019.8 SE	04	-11	-11	-22	0	
06 025 25				1022.0 S	14	17	15	04	10	
07 UNL 25				1023.6 ESE	04	-02	-02	-10	0	
08 020 05	S-BS			1034.6 NW	22	00	00	-08	10	
09 UNL 25				1036.6 NW	04	-12	-13	-28	0	
10 UNL 25				1030.2 C	00	-21	-21	-39	5	
11 UNL 25				1023.3 S	04	-18	-18	-31	5	
12 UNL 25				1016.1 SW	05	-22	-23	-37	0	
13 UNL 25				1013.4 ENE	02	-35	-35	-51	0	
14 025 05	S-			1005.9 W	04	-22	-23	-34	10	
15 UNL 25				995.8 NE	06	-23	-23	-39	5	
16 015 04	S-			1009.6 N	08	-13	-13	-22	10	
17 UNL 25				1009.6 C	00	-24	-25	-41	6	
18 UNL 25				1037.7 WSW	01	-24	-25	-41	0	
19 180 25				1027.9 E	02	-20	-20	-37	10	
20 080 25				1021.5 ENE	04	-09	-09	-21	10	
21 UNL 25				1040.9 C	00	-21	-21	-33	0	
22 UNL 25				1024.3 C	00	-27	-27	-47	0	
23 UNL 25				1036.4 SE	01	-28	-28	-44	2	
24 UNL 25				1030.1 ENE	02	-11	-12	-24	3	
25 150 25				1023.9 NE	02	-04	-05	-19	8	
26 UNL 25				1034.2 SE	03	-14	-14	-25	6	
27 UNL 25				1028.6 ESE	02	-14	-14	-25	0	
28 UNL 25				1022.4 C	00	-12	-12	-22	0	
29 030 25				1017.4 NE	02	17	16	11	10	
30 012 01	F			1006.7 NE	06	08	08	05	10	
31 010 01	S-			970.7 NE	04	15	14	12	10	
AVG				1021.8	04	-12	-12	-24	04	

CLYDE NMT
DECEMBER 1961 0400 EST

01 UNL 25				1034.6 SE	02	-15	-16	-28	0	
02 UNL 25				1032.6 C	00	-05	-06	-18	0	
03 UNL 25				1017.6 NNE	01	-14	-14	-27	0	
04 UNL 25				1019.9 SE	01	-03	-06	-13	3	
05 UNL 25				1019.4 E	04	-15	-16	-31	0	
06 UNL 25				1022.6 N	01	09	08	02	4	
07 UNL 25				1024.3 N	02	-04	-05	-14	0	
08 020 06	S-BS			1036.9 NNW	14	-01	-02	-10	10	
09 UNL 25				1038.0 NE	01	-14	-14	-34	0	
10 UNL 25				1029.8 SE	02	-20	-21	-34	0	
11 UNL 25				1022.0 C	04	-17	-18	-29	2	
12 UNL 25				1015.6 SW	06	-20	-20	-40	0	
13 UNL 25				1013.4 C	00	-37			0	
14 100 04	S-			1004.1 SSE	02	-22	-23	-37	7	
15 UNL 25				995.7 SE	01	-30	-30	-54	0	
16 030 05	BS			995.3 N	20	-12	-13	-24	10	
17 UNL 25				1018.8 E	02	-22	-22	-37	2	
18 UNL 25				1038.9 C	00	-28	-29	-49	1	
19 180 25				1027.0 E	02	-19	-19	-35	10	
20 UNL 25				1024.4 C	00	-08	-09	-21	0	
21 UNL 25				1041.5 ENE	02	-22	-23	-37	2	
22 UNL 25				1041.8 C	00	-30	-30	-54	1	
23 UNL 25				1037.4 E	02	-22	-22	-41	5	
24 UNL 25				1029.1 NE	02	-15	-16	-26	3	
25 UNL 25				1028.6 NNE	04	-03	-04	-15	3	
26 UNL 25				1034.0 ESE	02	-18	-18	-29	0	
27 UNL 25				1027.8 E	01	-12	-13	-24	0	
28 UNL 25				1021.6 NE	01	-13	-14	-25	0	
29 030 25				1016.9 NE	10	10	10	04	10	
30 008 01	ZL-S			1001.7 NW	04	16	16	14	10	
31 010 02	S-			971.2 NE	04	15	15	12	10	
AVG				1021.9	03	-13	-13	-25	03	

Date	Calling (100's h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NMT
DECEMBER 1961 0700 EST

01 UNL 25				1034.0 SE	02	-17	-17	-27	0	
02 UNL 25				1032.3 C	00	-11	-11	-21	0	
03 UNL 25				1016.9 NE	01	-13	-13	-24	0	
04 UNL 25				1020.7 SE	02	-05	-06	-13	2	
05 025 25				1018.5 NNE	08	01	01	-06	10	
06 UNL 25				1023.3 ENE	02	05	04	-01	2	
07 UNL 25				1025.2 E	02	04	04	-02	4	
08 025 05	S-			1038.3 N	10	-02	-03	-10	10	
09 UNL 25				1036.6 NE	02	-14	-15	-27	0	
10 UNL 25				1029.9 SE	04	-20	-20	-31	0	
11 025 10				1020.4 NNW	04	-19	-20	-35	10	
12 UNL 25				1015.2 SSW	01	-27	-28	-42	0	
13 UNL 25				1012.8 C	00	-38			0	
14 100 10				1002.0 WSW	10	-22	-23	-34	6	
15 UNL 25				995.2 C	00	-32	-32	-52	0	
16 030 10				996.0 N	14	-12	-12	-22	10	
17 UNL 25				1017.6 ENE	02	-25	-25	-43	1	
18 UNL 25				1038.9 NE	02	-26	-26	-41	0	
19 UNL 25				1023.3 ENE	06	-18	-18	-29	5	
20 UNL 25				1026.2 E	02	-10	-11	-20	0	
21 UNL 25				1041.2 ESE	02	-22	-22	-32	1	
22 UNL 25				1016.8 ENE	02	-24	-24	-37	3	
23 UNL 25				1037.6 SSE	02	-25	-25	-39	3	
24 UNL 25				1027.5 NE	02	-14	-14	-23	2	
25 UNL 25				1030.1 C	00	-08	-08	-17	4	
26 UNL 25				1035.0 C	00	-19	-19	-32	0	
27 UNL 25				1027.6 ESE	02	-12	-12	-22	9	
28 UNL 25				1021.3 ENE	01	-13	-13	-24	0	
29 030 25				1019.6 NNE	06	12	11	08	10	
30 010 02				996.1 NW	04	17	16	13	10	
31 010 02	S-			972.8 N	12	14	13	09	10	
AVG				1021.6	03	-13	-13	-23	04	

CLYDE NMT
DECEMBER 1961 1000 EST

01 UNL 25				1033.3 SE	04	-15	-15	-28	0	
02 UNL 25				1030.3 C	00	-10	-11	-21	0	
03 UNL 25				1016.3 NE	02	-07	-07	-13	4	
04 UNL 25				1020.6 NE	02	-08	-09	-16	4	
05 025 25				1018.6 S	04	16	15	13	10	
06 UNL 25				1023.1 ESE	04	03	02	-05	3	
07 025 25				1026.3 NE	04	09	08	02	10	
08 025 10				1040.1 N	14	-06	-07	-15	8	
09 UNL 25				1035.0 NNW	02	-12	-12	-22	0	
10 UNL 25				1026.4 SSE	01	-20	-21	-31	2	
11 UNL 25				1018.9 E	02	-17	-18	-29	3	
12 UNL 25				1014.7 C	00	-29	-29	-46	0	
13 UNL 25				1012.6 C	00	-37			0	
14 UNL 25				1000.3 SSE	02	-31	-31	-45	0	
15 UNL 25				995.1 C	00	-33	-34	-54	2	
16 030 10				997.4 NNW	12	-12	-12	-22	10	
17 UNL 25				1021.2 NNE	04	-24	-24	-37	0	
18 UNL 25				1038.3 C	00	-28	-28	-44	0	
19 UNL 25				1024.5 C	00	-20	-20	-29	5	
20 UNL 25				1028.8 ESE	06	-16	-17	-26	0	
21 UNL 25				1040.7 C	00	-23	-23	-33	1	
22 UNL 25				1039.2 S	02	-26	-26	-41	3	
23 UNL 25				1037.1 SSE	02	-24	-24	-37	5	
24 UNL 25				1025.1 NE	06	-15	-15	-26	3	
25 UNL 25				1031.7 E	02	-10	-10	-18	1	
26 UNL 25				1032.3 ESE	02	-19	-19	-30	1	
27 UNL 25				1026.3 C	00	-11	-12	-21	5	
28 UNL 25				1018.2 ENE	02	-11	-11	-21	0	
29 030 25				1016.8 NE	04	10	10	05	10	
30 010 02	1/2F			985.8 NW	10	18	18	14	10	
31 010 02	1/2S-F			976.2 N	04	10	10	05	10	
AVG				1021.3	03	-13	-13	-22	04	

Date	Calling (100's h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NMT
DECEMBER 1961 1300 EST

01 UNL 25				1032.1 SW	18	-08	-08	-17	0	
02 UNL 25				1028.2 C	00	-12	-12	-22	1	
03 UNL 25				1016.3 NNE	02	-05	-05	-14	4	
04 UNL 25				1021.4 C	00	-08	-09	-15	3	
05 025 25				1019.1 SSW	14	18	18	15	10	
06 UNL 25				1022.7 ESE	04	01	01	-08	1	
07 025 10				1027.3 N	20	07	07	00	10	
08 UNL 25				1040.2 NNW	04	-10	-11	-24	3	
09 UNL 25				1033.0 SSW	02	-15	-15	-26	0	
10 UNL 25				1028.3 NE	04	-17	-17	-27	4	
11 UNL 25				1017.8 E	02	-20	-20	-31	1	
12 UNL 25				1013.8 NE	00	-31	-31	-57	0	
13 UNL 25				1011.8 C	00	-37			0	
14 UNL 25				998.8 SE	02					

SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NWT
JULY 1961 0100 EST

01 015 10	R-	1006.3	C	00	35	35	34	10		
02 200 15		1006.5	SE	10	38	36	35	9		
03 200 15		1012.0	SE	08	37	36	33	8		
04 200 15		1019.4	SSE	15	38	37	34	8		
05 220 15		1017.1	SE	15	39	37	35	8		
06 040 10	R-	1008.7	SE	08	42	41	40	10		
07 UNL 15		1012.4	W	18	35	34	31	2		
08 UNL 15		1011.4	MNW	03	38	36	33	6		
09 035 10	R-	1007.2	SE	13	40	38	37	10		
10 020 10		1005.5	SE	14	37	35	32	10		
11 070 15		1002.8	N	12	41	39	37	10		
12 200 15		1003.0	W	17	38	36	33	6		
13 070 15		1008.1	SE	17	37	35	33	9		
14 010 10		1003.9	SE	12	42	41	40	10		
15 030 15		1004.8	SSE	16	44	42	41	10		
16 030 15		1003.3	SSE	15	40	39	37	10		
17 030 15		1005.8	E	04	43	41	39	10		
18 110 15	R-	1002.9	ESE	04	42	41	39	10		
19 050 15		1007.0	ESE	08	37	36	34	10		
20 010 15	R-	1008.1	SE	10	38	37	37	10		
21 050 15		1001.7	SSE	05	45	42	39	10		
22 040 15		1004.7	SSW	10	44	42	39	10		
23 UNL 15		1013.9	C	00	39	37	35	2		
24 UNL 15		1015.9	MNW	05	45	42	39	10		
25 UNL 15		1017.8	MNW	09	42	39	37	9		
26 120 15		1018.4	ESE	12	39	37	34	10		
27 020 10	R-	1006.2	SE	18	42	41	40	10		
28 030 15		1014.8	MNW	22	35	33	30	8		
29 010 07		1007.1	MNW	05	32	32	31	9		
30 040 15		1007.8	W	13	32	31	30	8		
31 UNL 15		1010.3	MNW	05	38	36	33	1		
AVG		1009.0		10	39	38	35	08		

EUREKA NWT
JULY 1961 0400 EST

01 040 15		1006.6	SE	07	37	36	35	10		
02 200 15		1008.1	SE	09	37	36	34	9		
03 200 15		1013.1	SSE	15	38	36	33	9		
04 200 15		1019.8	SSE	12	38	36	34	8		
05 050 15		1015.8	ESE	18	40	38	35	10		
06 040 15	R-	1009.2	C	00	41	40	40	10		
07 UNL 15		1012.2		16	35	33	31	4		
08 UNL 15		1011.7	MNW	03	37	35	33	7		
09 035 15		1007.1	SE	05	37	36	35	9		
10 020 10		1005.4	ESE	10	37	35	32	10		
11 070 15		1001.9	NE	11	41	39	37	10		
12 200 15		1004.2	W	15	37	35	32	6		
13 010 10		1008.6	SE	17	37	35	32	10		
14 010 10	R-	1001.8	SSE	12	41	41	39	10		
15 030 15		1004.1	SE	18	43	41	40	10		
16 030 15		1006.1	ESE	10	39	39	38	10		
17 010 15		1005.7	C	00	43	42	41	10		
18 110 15		1003.6	SE	07	40	39	37	10		
19 080 15		1008.5	C	00	37	36	34	7		
20 010 10	R-	1007.5	SE	08	38	37	36	10		
21 050 15		1001.5	SSE	12	41	41	39	10		
22 040 15		1006.2	SE	11	44	41	39	10		
23 UNL 15		1013.3	C	00	42	41	39	1		
24 UNL 15		1018.4	MNW	06	44	41	39	1		
25 UNL 15		1019.4	ESE	08	42	39	37	4		
26 090 15		1017.6	SE	07	39	37	35	10		
27 100 10	R-	1004.3	SSE	15	39	39	38	10		
28 UNL 15		1015.0	MNW	22	37	35	31	6		
29 010 10		1005.4	NW	04	33	32	31	9		
30 040 15		1008.8	NW	07	34	32	29	8		
31 UNL 15		1010.9	MNW	06	35	34	32	2		
AVG		1009.1		09	39	37	35	08		

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NWT
JULY 1961 0700 EST

01 040 15		1006.7	SSE	07	37	36	34	9		
02 200 15		1007.7	SE	09	38	36	34	9		
03 040 15		1014.3	SSE	16	38	36	33	9		
04 200 15		1019.7	SSE	13	40	38	35	8		
05 050 15		1015.2	ESE	15	43	40	36	10		
06 040 10	R-	1009.6	MNW	10	36	36	35	10		
07 UNL 15		1012.6	W	13	35	33	31	8		
08 UNL 15		1011.2	C	00	42	39	35	8		
09 200 15		1007.1	SE	10	39	38	37	10		
10 010 03	R-F	1005.4	WSW	08	41	39	36	10		
11 070 15		1002.0	N	18	41	38	35	10		
12 UNL 15		1003.3	W	16	37	35	32	5		
13 010 10		1008.6	SSE	15	38	37	35	10		
14 020 10		1003.9	ESE	10	41	40	38	10		
15 030 15		1003.8	ESE	14	43	42	41	10		
16 010 15		1006.8	SE	18	39	38	38	10		
17 010 15		1005.3	C	00	42	41	38	10		
18 110 15		1004.0	SSE	13	38	37	35	8		
19 UNL 15		1006.9	SE	12	40	39	36	5		
20 010 10	R-	1007.1	ESE	16	40	39	39	10		
21 050 15		1002.2	ESE	18	47	44	41	9		
22 200 15		1008.8	ESE	06	41	39	38	7		
23 UNL 15		1013.7	SE	06	41	40	39	2		
24 UNL 15		1018.8	MNW	09	39	37	35	3		
25 200 15		1016.2	MNW	09	42	39	37	9		
26 090 15		1016.3	SSE	14	39	37	34	9		
27 010 15		1004.8	MNW	08	41	40	39	9		
28 030 15		1014.8	NW	20	41	37	32	7		
29 010 10		1004.7	NW	15	34	32	29	9		
30 040 15		1009.4	W	10	35	33	31	7		
31 UNL 15		1010.9	MNW	07	39	37	34	2		
AVG		1009.3		12	40	38	36	08		

EUREKA NWT
JULY 1961 1000 EST

01 040 15		1006.6	SE	04	40	37	34	10		
02 090 15		1008.9	SE	12	38	36	34	9		
03 040 15		1015.4	SSE	15	39	37	34	10		
04 200 15		1019.5	SSE	13	41	38	34	8		
05 050 15	R-	1013.6	SE	15	42	40	37	10		
06 040 10		1009.9	W	08	42	41	39	10		
07 UNL 15		1012.1	W	15	38	35	31	8		
08 UNL 15		1009.8	SE	08	43	40	36	7		
09 030 15		1007.1	C	00	39	39	38	9		
10 010 10		1005.4	C	00	42	39	37	10		
11 070 15		1002.4	NE	16	42	39	35	10		
12 UNL 15		1005.8	W	17	39	36	33	0		
13 020 15		1007.6	SE	14	39	38	36	10		
14 020 10		1001.9	SE	18	42	41	39	10		
15 030 15		1003.3	SE	15	43	41	39	10		
16 030 15		1006.6	SSE	25	42	40	37	10		
17 040 15		1004.9	SE	12	40	38	37	10		
18 110 15		1004.4	SSE	14	40	39	36	6		
19 UNL 15		1008.3	SSE	18	41	39	36	3		
20 015 10		1005.7	SE	20	42	41	39	10		
21 050 15		1001.6	SE	18	46	43	41	8		
22 200 15		1009.9	MNW	07	42	40	37	6		
23 UNL 15		1013.3	SE	12	48	45	42	2		
24 UNL 15		1019.5	NW	07	42	38	34	4		
25 150 15		1019.1	SSE	10	40	38	35	10		
26 070 15		1015.9	ESE	04	42	38	34	9		
27 010 07		1009.3	W	20	37	36	34	10		
28 030 15		1013.7	NW	08	35	33	30	9		
29 010 10		1004.1	MNW	20	37	34	30	8		
30 UNL 15		1009.2	MNW	07	36	34	30	1		
31 UNL 15		1010.9	MNW	06	37	35	31	1		
AVG		1009.2		12	41	39	36	08		

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NWT
JULY 1961 1300 EST

01 040 15		1006.4	C	00	43	39	34	10		
02 040 15		1008.6	S	16	39	37	34	9		
03 040 15		1016.4	SSE	21	40	37	35	10		
04 200 15		1019.0	SSE	17	43	39	36	8		
05 050 15		1012.4	SSE	17	43	41	40	10		
06 020 10		1010.6	WSW	14	40	38	37	9		
07 200 15		1012.1	W	12	39	35	31	10		
08 200 15		1005.1	SE	13	42	39	36	9		
09 030 15		1006.9	C	00	39	38	37	10		
10 010 10		1005.1	MNW	03	38	37	35	10		

SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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EUREKA NWT
AUGUST 1961 0100 EST

01 UNL 15	1009.5 WNW	08	36	34	31	4
02 UNL 15	1005.3 N	05	46	40	34	2
03 UNL 15	1005.2 C	00	42	40	38	4
04 200 15	1004.9 C	00	42	40	39	9
05 UNL 15	1008.2 C	00	40	39	38	0
06 UNL 15	1009.5 NW	07	46	44	41	0
07 UNL 15	1009.1 WNW	20	39	36	33	0
08 UNL 15	1007.7 W	26	36	35	33	0
09 UNL 15	1006.2 WNW	22	36	34	33	3
10 040 15	1002.4 W	15	36	35	33	10
11 050 15	1009.2 W	13	35	35	34	10
12 040 15	1011.1 W	06	36	35	35	10
13 060 15	1010.1 SE	02	39	38	37	10
14 050 15	1012.1 C	00	42	40	37	8
15 060 15	1011.4 C	00	37	36	36	7
16 100 15	1013.3 C	00	43	40	38	10
17 UNL 15	1015.2 C	00	38	37	35	1
18 UNL 15	1015.2 WNW	02	36	35	33	3
19 UNL 15	1007.0 WNW	04	39	37	35	8
20 070 15	1001.1 WNW	09	35	34	34	9
21 050 10	1000.2 C	00	32	32	31	9
22 200 15	1002.5 WNW	05	34	35	32	8
23 030 15	1006.4 WNW	10	32	32	31	10
24 030 10	1006.6 W	15	30	30	29	10
25 030 03	1004.0 WNW	10	29	29	28	10
26 030 10	1008.0 W	15	29	29	28	8
27 030 10	1009.5 W	13	30	30	29	10
28 030 10	1014.1 W	18	28	28	27	9
29 050 15	1012.8 W	15	27	26	25	10
30 UNL 15	1012.9 N	09	24	24	22	2
31 015 15	1006.4 W	10	23	23	21	10
AVG	1008.1	08	35	34	33	07

EUREKA NWT
AUGUST 1961 0400 EST

01 UNL 15	1009.0 NW	11	38	36	33	1
02 UNL 15	1004.9 N	06	50	49	40	5
03 UNL 15	1005.5 WNW	08	37	36	35	4
04 200 15	1004.7 WNW	04	40	39	38	8
05 UNL 15	1008.9 C	00	40	39	38	0
06 UNL 15	1010.0 NW	13	49	45	41	0
07 UNL 15	1009.4 WNW	24	38	36	33	0
08 UNL 15	1007.7 W	25	35	34	32	0
09 040 15	1006.5 W	18	35	34	34	8
10 040 15	1002.7 W	13	37	36	34	10
11 050 15	1009.9 W	12	34	33	32	10
12 010 06	1007.1 W	17	35	34	34	10
13 060 15	1011.3 SSE	04	40	39	39	10
14 050 15	1012.1 C	00	43	42	41	8
15 060 15	1012.2 C	00	38	36	35	7
16 100 15	1013.6 C	00	43	41	39	10
17 UNL 15	1014.0 C	00	37	36	35	1
18 UNL 15	1015.1 C	00	34	33	32	3
19 220 15	1006.3 NW	05	38	37	35	8
20 070 15	1001.4 N	08	34	33	31	9
21 015 07	1000.3 C	00	33	33	32	10
22 200 15	1003.2 WNW	03	34	33	32	9
23 020 05	1007.3 W	05	31	31	30	10
24 050 15	1006.6 W	15	30	30	29	10
25 030 05	1004.1 W	10	30	29	29	10
26 030 10	1007.7 W	18	30	30	29	7
27 030 10	1009.8 W	08	30	29	29	10
28 UNL 15	1015.0 W	18	25	25	24	5
29 050 10	1012.8 W	15	26	26	24	10
30 UNL 15	1012.2 C	00	25	25	24	1
31 015 15	1005.9 NW	05	24	24	22	10
AVG	1008.3	08	35	34	33	07

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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EUREKA NWT
AUGUST 1961 0700 EST

01 UNL 15	1008.9 NW	10	42	39	35	1
02 UNL 15	1005.0 SE	00	46	43	41	8
03 UNL 15	1005.9 WNW	10	41	39	36	7
04 090 15	1005.1 WNW	08	41	40	38	7
05 UNL 15	1009.7 C	00	41	40	38	0
06 UNL 15	1010.3 C	00	47	45	42	1
07 UNL 15	1009.7 WNW	24	35	34	33	1
08 UNL 15	1007.2 W	25	37	35	33	0
09 040 15	1006.5 W	16	36	35	33	8
10 045 15	1003.6 W	13	37	36	35	10
11 055 15	1010.5 W	15	34	33	32	10
12 010 06	1014.2 WNW	04	36	35	34	4
13 250 15	1012.3 SE	08	40	39	39	8
14 050 15	1011.4 C	00	42	41	39	9
15 050 15	1012.6 C	00	38	36	35	7
16 080 15	1013.8 SE	06	43	40	38	10
17 UNL 15	1014.8 C	00	38	37	36	4
18 250 15	1014.2 WNW	04	36	35	34	4
19 220 15	1005.6 WNW	05	38	37	35	8
20 070 15	1001.3 WNW	04	35	34	32	9
21 050 10	1000.8 WNW	02	34	34	34	10
22 160 15	1004.1 NW	05	33	32	31	10
23 030 07	1007.8 W	10	30	30	29	10
24 040 10	1006.7 W	18	30	30	29	10
25 030 05	1004.5 N	03	30	30	29	10
26 030 10	1009.0 W	20	29	29	28	8
27 030 10	1011.2 WSW	15	30	30	29	10
28 UNL 15	1015.0 W	16	33	32	32	5
29 050 10	1012.8 W	16	26	26	25	10
30 UNL 15	1011.7 WNW	08	25	24	23	7
31 020 15	1005.6 N	05	23	23	21	9
AVG	1008.5	08	36	35	33	07

EUREKA NWT
AUGUST 1961 1000 EST

01 UNL 15	1007.8 WNW	10	45	41	37	1
02 UNL 15	1005.2 C	00	44	41	38	6
03 UNL 15	1005.7 WNW	05	42	39	36	9
04 090 15	1005.1 WNW	07	44	42	40	8
05 UNL 15	1009.8 WNW	04	44	42	40	0
06 UNL 15	1009.9 WNW	15	47	43	40	0
07 UNL 15	1009.0 WNW	24	37	36	35	1
08 UNL 15	1006.3 W	22	38	36	33	0
09 040 15	1006.5 W	18	36	35	35	8
10 045 15	1004.2 W	17	36	35	33	10
11 055 15	1009.9 W	15	35	34	33	10
12 010 06	1006.9 WNW	06	36	35	33	10
13 030 15	1012.5 SSE	12	42	40	37	9
14 050 15	1010.8 C	00	41	40	39	9
15 050 15	1012.6 C	00	40	39	37	6
16 100 15	1013.5 SSE	02	45	42	39	8
17 060 15	1015.1 C	00	40	38	37	7
18 250 15	1013.3 WNW	09	36	36	34	8
19 050 15	1004.6 NW	04	38	37	35	8
20 070 15	1001.1 WNW	05	36	35	34	9
21 050 10	1001.1 WNW	10	33	33	32	10
22 060 15	1004.2 W	10	33	32	31	10
23 030 03	1008.0 W	08	31	31	30	10
24 040 10	1005.8 W	15	31	31	30	10
25 030 10	1004.9 W	03	31	30	30	10
26 030 10	1008.9 WNW	12	30	30	29	9
27 030 10	1011.7 NNE	03	31	31	30	9
28 040 15	1014.5 W	11	29	29	28	10
29 050 10	1012.8 W	06	26	26	25	10
30 200 15	1010.4 W	13	26	26	25	8
31 020 15	1004.9 WNW	05	24	24	22	10
AVG	1008.3	09	37	35	33	08

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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EUREKA NWT
AUGUST 1961 1300 EST

01 UNL 15	1007.1 W	10	48	44	39	1
02 UNL 15	1005.0 SE	04	51	46	40	3
03 UNL 15	1005.2 WNW	12	45	42	39	5
04 090 15	1005.5 WNW	05	42	41	39	8
05 UNL 15	1009.5 WNW	07	44	42	40	1
06 UNL 15	1009.4 W	20	43	40	38	0
07 UNL 15	1008.5 W	19	38	37	36	2
08 UNL 15	1006.3 W	20	39	37	35	0
09 040 15	1005.5 WNW	10	37	35	33	9
10 050 15	1005.6 W	15	37	36	33	10
11 050 15	1009.2 W	12	36	35	34	10
12 030 10	1007.0 WNW	05	37	37	36	9
13 030 15	1012.9 SSE	15	44	41	38	8
14 050 15	1010.2 NW	03	42	41	39	10
15 UNL 15	1012.3 C	00	43	41	39	7
16 100 15	1013.1 C	00	42	40	38	8
17 060 15	1015.1 N	07	46	43	39	8
18 250 15	1013.7 W	18	39	37	34	8
19 050 15	1003.8 WNW	04	37	37	36	10
20 070 15	1000.7 WNW	06	37	35	34	9
21 050 10	1001.1 WNW	10	35	32	32	10
22 060 15	1004.6 W	12	34	32	31	8
23 030 01	1007.8 W	11	31	30	29	10
24 070 15	1006.7 W	13	32	31	31	10
25 030 03	1004.9 W	12	31	30	29	10
26 030 06	1008.5 W	10	30	30	28	9
27 030 10	1011.8 SW	05	31	31	30	7
28 060 15	1014.0 W	16	28	27	27	10
29 050 10	1013.0 WNW	11	27	27	25	9
30 120 15	1009.2 WNW	11	28	27	26	9
31 015 15	1003.6 WNW	09	27	26	25	9
AVG	1008.0	10	37	36	34	07

EUREKA NWT
AUGUST 1961 1600 EST

01 UNL 15	1006.3 C	00	51	45	39	1
02 UNL 15	1005.0 SSE	07	51	45	39	6
03 UNL 15	1005.5 WNW	09	44	41	39	4
04 070 15	1006.1 W	06	44	42	40	9
05 UNL 15	1009.4 WNW	06	45	43	42	1
06 UNL 15	1009.3 WNW	18	45	42	39	0
07 UNL 15	1008.0 W	20	39	38	36	0
08 UNL 15	1005.5 W	18	39	37	35	0
09 040 15	1005.5 W	15	36	36	35	9
10 050 15	1007.1 W	09	39	37	33	10
11 050 15	1008.9 W	08	37	36	35	10
12 050 15	1007.8 WNW	03	38	37	36	

SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (1000 RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Wind Gub (°)	Wind Gub (°)	Dew Point (°F)	Sky Cover (hundred)
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EUREKA NMT
SEPTEMBER 1961 0100 EST

01 UNL 15	1001.8 W	17	25	25	24	1
02 UNL 15	1008.5 NNE	04	23	23	21	0
03 UNL 15	1014.2 C	00	24	24	22	0
04 050 15	1011.5 WNW	03	26	27	26	10
05 UNL 15	999.7 W	16	22	21	20	5
06 010 10	1004.2 W	12	22	21	20	10
07 010 10	1010.2 WNW	05	22	22	20	9
08 010 06	1011.8 C	00	20	20	18	20
09 025 15	1016.4 NNE	04	16	16	13	7
10 010 15	1017.5 ESE	05	16	16	14	10
11 010 10	1018.6 W	10	23	22	21	10
12 040 15	1014.8 NW	10	18	18	15	9
13 010 03	1005.7 WNW	10	20	20	18	10
14 UNL 15	1010.6 C	00	05	05	01	2
15 UNL 15	1009.1 ESE	03	01	01	05	1
16 UNL 15	1009.5 C	00	-02	-02	-08	4
17 UNL 15	996.5 WNW	11	12	12	08	2
18 UNL 15	997.2 C	00	-02	-02	-06	1
19 005 10	994.1 C	00	06	06	02	10
20 UNL 15	994.3 C	00	-02	-02	-07	0
21 010 01	1001.8 ESE	04	11	11	08	10
22 UNL 15	1015.5 C	00	-15	-15	-20	0
23 UNL 00	1012.7 C	00	-07	-07	-11	9
24 004 01	1008.6 C	00	-04	-04	-08	10
25 UNL 05	1013.2 C	00	-18	-18	-19	3
26 UNL 15	1009.3 C	00	-20	-20	-15	2
27 060 15	1025.6 C	00	-10	-10	-16	9
28 010 10	1025.2 E	04	-04	-04	-08	9
29 050 15	1026.7 C	03	06	06	-10	9
30 060 15	1027.3 C	00	00	00	-04	10

AVG 1010.9 04 08 07 04 06

EUREKA NMT
SEPTEMBER 1961 0400 EST

01 UNL 15	1002.3 C	00	24	24	22	2
02 UNL 15	1009.2 NNE	05	23	23	21	2
03 UNL 15	1014.8 C	00	23	23	22	2
04 050 15	1010.8 C	00	27	27	25	10
05 UNL 15	999.3 W	17	21	21	20	5
06 010 10	1005.8 W	11	21	21	19	10
07 010 10	1011.2 NNE	03	22	21	20	10
08 005 03	1012.0 C	00	20	20	19	10
09 015 15	1013.3 NE	02	18	18	14	8
10 010 10	1017.6 C	00	17	17	14	10
11 010 10	1019.0 WNW	05	23	23	21	10
12 040 15	1013.8 N	03	13	13	10	8
13 030 15	1006.6 N	08	18	18	15	9
14 UNL 15	1011.0 NNE	05	02	02	-02	1
15 UNL 15	1009.1 ESE	02	-02	-02	-07	1
16 UNL 15	1007.7 C	00	01	01	04	1
17 UNL 15	994.6 WNW	10	10	10	05	2
18 UNL 15	997.7 C	00	-05	-05	-09	0
19 020 15	993.3 C	00	07	07	03	10
20 UNL 15	997.6 C	00	-08	-08	-12	0
21 010 01	1004.2 C	00	10	10	07	10
22 UNL 15	1016.0 C	00	-15	-15	-20	0
23 003 10	1009.3 C	00	01	01	09	10
24 UNL 00	1009.3 C	00	-03	-03	-07	8
25 UNL 15	1013.5 C	00	-17	-17	-22	1
26 UNL 05	1022.4 C	00	-15	-15	-18	4
27 060 15	1025.6 C	00	-07	-07	-11	10
28 050 15	1026.3 C	00	-07	-07	-12	9
29 050 15	1026.4 C	03	-04	-04	-08	10
30 060 15	1027.8 C	00	00	00	-04	10

AVG 1011.1 02 07 07 04 06

Date	Calling (1000 RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Wind Gub (°)	Wind Gub (°)	Dew Point (°F)	Sky Cover (hundred)
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EUREKA NMT
SEPTEMBER 1961 0700 EST

01 UNL 15	1003.4 C	00	26	26	24	5
02 UNL 05	1009.7 C	00	23	22	21	4
03 UNL 15	1015.2 C	00	26	25	24	7
04 050 15	1009.3 W	06	29	28	27	9
05 010 15	997.3 W	11	23	23	21	7
06 010 10	1006.9 W	08	23	22	21	10
07 025 10	1011.9 E	05	23	22	21	9
08 010 03	1012.4 C	00	20	20	18	10
09 015 10	1017.4 N	05	17	17	14	6
10 010 10	1018.0 C	00	18	17	15	10
11 100 10	1019.0 NNE	03	17	17	14	9
12 010 06	1012.3 WNW	15	17	17	14	9
13 220 15	1006.8 NNE	04	20	20	18	7
14 UNL 15	1010.9 E	05	01	01	-03	1
15 030 15	1008.4 SE	03	03	03	-01	10
16 UNL 15	1008.8 E	00	01	01	-04	1
17 UNL 15	994.0 E	02	02	01	-03	4
18 UNL 15	998.2 C	00	-04	-04	-10	2
19 010 02	992.7 C	00	07	07	03	10
20 UNL 10	998.3 C	00	-09	-09	-13	5
21 UNL 10	1006.7 SE	03	08	08	04	5
22 UNL 01	1016.7 C	00	-14	-14	-19	9
23 UNL 03	1010.6 C	00	-04	-04	-08	9
24 003 00	1009.7 C	00	-02	-02	-05	10
25 UNL 15	1014.9 C	00	-10	-10	-15	7
26 UNL 15	1007.7 C	00	01	01	05	7
27 060 15	1025.5 C	00	-04	-04	-08	10
28 040 15	1025.8 C	00	-08	-08	-12	7
29 050 15	1026.4 ESE	03	-03	-03	-06	10
30 060 15	1027.9 C	00	01	01	-04	10

AVG 1011.3 02 07 07 04 07

EUREKA NMT
SEPTEMBER 1961 1000 EST

01 UNL 15	1004.5 C	00	27	27	26	5
02 UNL 01	1010.4 WNW	05	23	23	21	5
03 060 15	1015.2 C	00	26	25	24	8
04 200 15	1007.4 W	05	28	28	26	8
05 010 10	995.6 N	13	24	24	22	8
06 010 10	1007.7 W	05	24	24	22	10
07 010 06	1011.9 ESE	02	20	20	18	10
08 090 06	1012.7 NNE	05	20	20	18	10
09 015 10	1017.3 WNW	10	13	13	10	6
10 010 10	1018.1 C	00	18	18	15	10
11 100 15	1018.2 W	09	22	22	20	8
12 010 06	1010.9 WNW	14	18	17	15	10
13 UNL 15	1007.0 WNW	10	21	20	19	5
14 UNL 15	1010.5 ESE	04	03	03	-01	2
15 030 15	1005.2 E	03	04	04	00	9
16 100 15	1007.7 WNW	12	02	02	-03	6
17 200 15	993.8 ESE	04	03	02	-02	8
18 UNL 15	998.2 C	00	03	02	-04	5
19 030 10	992.6 ESE	03	10	10	06	8
20 UNL 01	998.2 C	00	-05	-05	-09	9
21 UNL 15	1009.1 SE	05	09	08	04	5
22 UNL 02	1016.6 C	00	-12	-12	-15	9
23 002 01	1009.9 C	00	-05	-05	-08	10
24 004 00	1009.8 C	00	-03	-03	-07	10
25 UNL 15	1014.9 C	00	-17	-17	-22	2
26 UNL 15	1024.9 C	00	-15	-15	-21	3
27 060 15	1025.4 C	00	-03	-03	-09	7
28 040 15	1025.5 E	06	-02	-02	-07	9
29 050 15	1026.1 C	00	-03	-03	-08	10
30 060 15	1027.8 C	00	01	01	-03	10

AVG 1011.2 04 09 08 05 08

Date	Calling (1000 RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Wind Gub (°)	Wind Gub (°)	Dew Point (°F)	Sky Cover (hundred)
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EUREKA NMT
SEPTEMBER 1961 1300 EST

01 UNL 15	1005.1 W	04	27	27	25	3
02 000 00	1011.0 C	00	24	23	22	10
03 060 15	1014.7 WNW	03	28	28	27	8
04 200 15	1006.0 W	11	28	28	27	8
05 010 10	996.4 WNW	18	24	24	22	10
06 010 05	1008.1 C	00	24	24	23	10
07 010 03	1011.5 SE	04	22	22	21	10
08 010 01	1013.7 NNE	06	21	21	20	10
09 UNL 10	1017.0 WNW	12	15	15	12	3
10 010 10	1018.1 NNE	05	21	21	19	9
11 040 15	1017.4 W	15	22	22	20	8
12 010 05	1009.5 W	13	21	21	20	10
13 030 15	1008.4 NNE	09	17	17	14	8
14 UNL 15	1005.8 ESE	07	05	05	01	0
15 010 00	1008.6 ESE	04	02	02	-01	10
16 UNL 15	1005.9 WNW	12	11	11	08	3
17 200 15	994.2 C	00	09	08	03	9
18 UNL 06	997.7 C	00	01	01	-03	6
19 200 15	995.2 C	00	05	05	00	7
20 010 10	998.2 C	00	-02	-02	-06	10
21 UNL 15	1011.0 SE	08	07	06	03	0
22 000 00	1015.6 C	00	-07	-07	-11	10
23 000 00	1009.0 C	00	-02	-02	-05	10
24 004 01	1016.6 C	00	-05	-05	-09	10
25 UNL 15	1014.9 C	00	-15	-15	-22	1
26 UNL 15	1024.7 C	00	-13	-13	-19	1
27 075 15	1025.4 C	00	-06	-06	-13	8
28 040 15	1025.7 C	00	03	03	-01	9
29 040 15	1026.3 ESE	03	01	01	-03	10
30 060 15	1027.8 C	00	02	02	-02	10

AVG 1011.2 04 10 10 06 07

EUREKA NMT
SEPTEMBER 1961 1600 EST

01 UNL 15	1006.5 C	00	30	29	28	3
02 UNL 01	1011.8 WNW	06	24	24	22	6
03 060 15	1014.0 WNW	05	28	28	27	10
04 UNL 15	1004.1 W	10	29	29	28	1
05 010 10	998.2 WNW	11	24	23	22	10
06 010 05	1008.9 W	08	24	24	22	10
07 010 03	1011.5 SE	04	24	24	23	10
08 040 07	1014.2 W	12	21	20	19	9
09 UNL 15	1015.3 C	00	-15	-15	-22	2
10 010 10	1018.4 C	00	22	22	20	10
11 040 15	1016.8 W	15	22	22	20	9
12 010 05	1007.9 WNW	14	22	22	20	10
13 UNL 15	1009.5 NNE	02	19	19	17	2
14 UNL 15	1010.0 E	03	07	07	04	0
15 010 02	1008.8 ESE	06	08	08	05	10
16 UNL 15	1004.1 WNW	12	11	11	08	1
17 UNL 15	994.9 ESE	06	07	07	03	3
18 010 10	997.3 C	00	01	01	-03	7
19 UNL 15	994.4 E	07	07	07	03	7
20						

SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (100's KL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT
OCTOBER 1961 0100 EST

01 040 10	S-	1026.2	C	00	02	02	-02	10		
02 050 15		1024.8	C	00	-04	-04	-08	10		
03 UNL 15		1014.8	C	00	-19	-19	-24	0		
04 UNL 15		1009.5	C	00	-22	-22	-27	0		
05 UNL 15		1005.4	C	00	-16	-16	-25	2		
06 UNL 15		1003.2	C	00	-14	-14	-20	2		
07 030 15		1006.9	C	00	10	10	06	10		
08 030 10		1014.1	ESE	05	09	08	05	10		
09 010 10		1012.7	C	00	-02	-03	-08	6		
10 010 10		1006.4	E	02	02	01	-03	10		
11 030 03	ICIF	1015.1	SE	04	06	06	02	10		
12 UNL 15		1011.5	C	00	-21	-21	-26	0		
13 UNL 15		1013.2	C	00	-23	-23	-29	0		
14 020 15		1008.2	C	00	-12	-12	-19	10		
15 020 15		1011.5	NNE	05	-21	-21	-26	6		
16 UNL 15		1017.9	C	00	-26	-26	-34	0		
17 UNL 15		1015.1	C	00	-30	-30	-39	0		
18 UNL 15		1015.8	C	00	-24	-25	-32	4		
19 010 07		1014.7	C	00	-19	-19	-26	8		
20 010 03	F	1017.0	SE	08	-12	-12	-19	10		
21 UNL 15		1013.5	NNE	08	-04	-04	-11	5		
22 UNL 15		1014.0	C	00	-24	-24	-34	3		
23 UNL 15		1011.3	C	00	-24	-24	-34	3		
24 010 05	S-	1009.1	C	00	-03	-03	-08	10		
25 UNL 15		1008.8	C	00	-28	-28	-39	4		
26 000 15		1006.9	C	00	-25	-25	-35	8		
27 UNL 15		1018.0	C	00	-19	-19	-27	0		
28 UNL 15		1024.6	NE	05	-24	-24	-34	5		
29 010 07		1019.2	SE	19	19	18	16	10		
30 060 10		1019.8	SE	20	17	17	14	9		
31 100 15		1019.2	NNE	06	09	09	04	10		
AVG		1013.6		02	-11	-11	-17	06		

Date	Calling (100's KL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT
OCTOBER 1961 0700 EST

01 040 10		1025.3	C	00	02	02	-01	10		
02 UNL 15		1024.2	C	00	-15	-16	-25	1		
03 UNL 15		1012.5	C	00	-12	-13	-18	0		
04 UNL 15		1008.8	C	00	-23	-23	-29	2		
05 UNL 15		1005.4	C	00	-18	-18	-25	9		
06 120 15		999.6	NNE	15	02	02	-01	7		
07 030 15		1006.8	NNE	04	04	04	01	6		
08 030 15		1014.7	E	04	01	01	-03	9		
09 010 15		1010.1	ESE	03	01	00	-03	9		
10 025 10		1007.1	ESE	06	03	03	-02	10		
11 030 07		1010.9	C	00	04	04	-02	10		
12 UNL 15		1012.3	C	00	-20	-20	-25	0		
13 040 15		1012.6	C	00	-20	-20	-24	9		
14 020 10		1007.9	C	00	-09	-09	-14	10		
15 UNL 15		1014.3	ESE	04	-27	-28	-35	1		
16 UNL 15		1017.8	C	00	-30	-30	-32	0		
17 UNL 15		1015.3	C	00	-30	-30	-42	6		
18 120 15		1014.9	C	00	-22	-22	-27	10		
19 200 25		1013.4	SE	06	-18	-18	-26	6		
20 010 07		1018.3	E	06	-12	-12	-18	10		
21 UNL 15		1010.3	E	06	-17	-17	-25	3		
22 UNL 15		1014.3	C	00	-24	-24	-35	2		
23 UNL 15		1010.3	C	00	-22	-22	-31	6		
24 100 15		1010.6	C	00	-04	-04	-10	10		
25 UNL 15		1005.8	C	00	-26	-27	-34	8		
26 050 15		1009.2	C	00	-11	-11	-18	9		
27 UNL 15		1020.9	C	00	-22	-22	-31	0		
28 200 15		1025.1	C	00	-10	-10	-18	10		
29 010 05	BS	1018.3	SE	20	19	19	16	10		
30 UNL 15		1021.2	SE	16	16	15	12	4		
31 100 15		1018.0	ESE	07	05	05	-01	10		
AVG		1013.5		03	-11	-11	-17	06		

Date	Calling (100's KL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT
OCTOBER 1961 1300 EST

01 060 10		1025.2	C	00	02	01	-03	9		
02 UNL 15		1021.9	C	00	-19	-19	-24	2		
03 UNL 15		1011.3	C	00	-16	-16	-22	3		
04 UNL 15		1008.0	C	00	-21	-22	-28	5		
05 UNL 15		1005.4	C	00	-11	-11	-17	7		
06 080 15		998.3	NNE	07	-01	-01	-05	9		
07 040 15		1010.2	ESE	08	10	09	06	10		
08 030 10		1014.5	C	00	03	03	-02	9		
09 UNL 00 3/AF		1007.3	C	00	-03	-03	-07	9		
10 030 10		1008.3	SE	04	04	04	01	10		
11 UNL 15		1011.3	E	05	-07	-07	-11	4		
12 UNL 15		1013.0	C	00	-23	-23	-29	0		
13 020 10		1010.4	C	00	-14	-14	-20	10		
14 020 05	S-F	1007.9	C	00	-08	-08	-13	10		
15 UNL 15		1018.3	C	00	-29	-29	-35	1		
16 UNL 15		1017.0	C	00	-30	-30	-36	0		
17 200 15		1016.6	C	00	-26	-27	-36	6		
18 010 03	SG-IF	1013.7	ESE	05	-19	-19	-24	10		
19 200 03	IF	1015.2	SE	11	-17	-17	-22	8		
20 010 07		1018.7	C	00	-10	-11	-20	10		
21 UNL 15		1011.3	E	04	-17	-18	-30	1		
22 UNL 15		1019.2	C	00	-24	-25	-39	3		
23 010 03	S-	1009.3	C	00	-09	-09	-17	10		
24 120 15		1011.7	C	00	-08	-09	-17	6		
25 200 15		1004.4	C	00	-22	-23	-31	7		
26 040 15		1011.6	C	00	-12	-12	-20	7		
27 UNL 15		1022.7	C	00	-30	-30	-39	0		
28 010 07	S-	1023.2	SE	14	10	10	06	10		
29 010 10		1017.7	SE	20	20	20	18	9		
30 060 15		1022.5	NE	05	05	05	00	7		
31 070 15		1018.1	C	00	08	08	04	10		
AVG		1013.4		03	-10	-10	-17	07		

Date	Calling (100's KL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT
OCTOBER 1961 1900 EST

01 060 15		1025.4	NNE	06	-08	-08	-12	8		
02 UNL 15		1018.3	C	00	-20	-20	-25	0		
03 UNL 15		1010.5	C	00	-17	-17	-23	0		
04 200 15		1006.6	C	00	-18	-18	-23	8		
05 UNL 15		1004.6	C	00	-10	-10	-15	1		
06 080 15		999.3	NNE	05	09	08	05	9		
07 040 01	F	1012.9	ESE	07	09	09	06	10		
08 UNL 15		1013.9	E	03	-05	-05	-10	5		
09 015 07		1006.4	ESE	02	00	00	-04	10		
10 030 07		1009.8	C	00	04	04	00	10		
11 UNL 15		1011.3	C	00	-22	-22	-26	0		
12 UNL 15		1013.0	C	00	-17	-17	-22	0		
13 020 15		1009.3	C	00	-12	-12	-17	10		
14 020 07		1009.4	C	00	-12	-12	-17	10		
15 UNL 15		1018.0	C	00	-30	-30	-39	0		
16 UNL 15		1016.0	C	00	-35	-36	-49	1		
17 200 15		1016.6	C	00	-26	-26	-32	6		
18 010 07		1014.4	C	00	-19	-19	-24	10		
19 010 03	F	1015.7	SE	10	-17	-17	-25	9		
20 010 07		1015.8	W	10	-05	-06	-14	10		
21 200 15		1013.6	C	00	-20	-21	-35	7		
22 UNL 15		1012.7	C	00	-16	-16	-22	10		
23 010 07		1009.3	E	03	-05	-05	-14	10		
24 UNL 15		1011.5	C	00	-24	-24	-39	0		
25 200 15		1005.2	C	00	-23	-23	-32	7		
26 UNL 15		1015.2	C	00	-22	-22	-31	0		
27 UNL 15		1023.8	NNE	03	-23	-26	-34	0		
28 010 07	BS	1021.6	SE	11	16	16	13	10		
29 010 05		1017.4	SE	25	18	18	14	10		
30 060 15		1022.2	C	00	02	02	03	8		
31 UNL 15		1019.1	NNE	04	03	03	-02	3		
AVG		1013.5		03	-12	-12	-19	06		

EUREKA NMT
OCTOBER 1961 0400 EST

01 040 10		1025.6	C	00	02	02	-01	10		
02 050 15		1024.5	C	00	-06	-07	-12	8		
03 UNL 15		1013.5	C	00	-21	-21	-26	0		
04 UNL 15		1009.2	C	00	-22	-22	-27	0		
05 UNL 15		1005.4	C	00	-16	-17	-25	5		
06 UNL 15		1001.8	C	00	-15	-15	-23	1		
07 UNL 15		1006.0	ESE	08	08	08	04	3		
08 UNL 15		1014.5	E	04	07	07	03	4		
09 010 10		1011.5	C	00	00	00	-04	8		
10 010 10		1006.4	ESE	05	02	02	-03	1		

SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (100' ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT
NOVEMBER 1961 0100 EST

01 UNL 15				1020.0 C	00	-03	-04	-10	2	
02 060 10				1022.3 W	05	01	01	-05	10	
03 010 10	S-			1020.6 ESE	07	05	04	00	10	
04 070 15				1018.8 C	00	-05	-05	-12	10	
05 UNL 15				1011.5 NE	02	-13	-13	-23	4	
06 UNL 15				1007.2 ENE	04	-28	-28	-42	0	
07 UNL 15				1012.6 ESE	05	-08	-08	-10	0	
08 UNL 15				1014.9 C	00	-47	-47	-60	0	
09 UNL 15				1012.4 C	00	-41	-41	-50	0	
10 UNL 15				1010.5 C	00	-43	-43	-50	0	
11 040 15				1009.8 SE	09	-13	-14	-23	10	
12 UNL 15				1016.3 C	00	-32	-32	-45	0	
13 030 15				1011.3 C	00	-06	-07	-13	10	
14 050 15				1001.3 C	00	-06	-07	-14	10	
15 UNL 15				1002.0 SE	14	-07	-08	-15	0	
16 000 00	1/8BS			1001.7 S	45	-02	-02	-10	10	
17 000 00	1/8BS			1005.1 S	50	04	04	-02	10	
18 060 03	BS			997.8 SE	20	05	05	00	10	
19 050 07	SW-			1004.6 SE	10	03	03	-03	9	
20 UNL 15				1001.9 C	00	-19	-19	-29	7	
21 250 15				1010.7 C	00	-25	-25	-38	8	
22 UNL 15				1024.1 C	00	-36	-36	-48	5	
23 UNL 15				1025.9 SE	05	-34	-34	-48	4	
24 UNL 15				1031.0 C	00	-26	-26	-36	5	
25 UNL 15				1028.1 C	00	-28	-28	-36	4	
26 UNL 15				1028.1 C	00	-30	-30	-42	0	
27 UNL 15				1016.7 C	00	-36	-36	-48	0	
28 UNL 15				1029.7 C	00	-32	-32	-45	0	
29 UNL 15				1033.7 SE	15	-12	-13	-20	2	
30 080 15				1036.8 SE	18	00	00	-06	10	
AVG				1015.6	07	-18			05	

EUREKA NMT
NOVEMBER 1961 0400 EST

01 UNL 15				1020.7 C	00	-07	-08	-15	1	
02 060 10	S-			1021.5 ESE	04	-01	-02	-08	10	
03 010 10				1021.7 ESE	11	05	05	00	10	
04 070 15				1017.6 SE	03	-06	-06	-14	10	
05 UNL 15				1011.1 C	00	-14	-14	-24	1	
06 UNL 15				1008.0 ESE	05	-25	-25	-40	0	
07 UNL 15				1013.3 ESE	07	-41	-41	-50	0	
08 UNL 15				1015.3 C	00	-48	-48	-60	0	
09 UNL 15				1011.8 C	00	-42	-42	-50	0	
10 UNL 15				1010.2 C	00	-42	-42	-50	0	
11 040 15				1008.9 SSE	07	-12	-12	-23	10	
12 UNL 15				1016.6 ESE	06	-30	-30	-45	0	
13 030 15				1009.1 SE	20	06	06	01	10	
14 050 15				1001.7 C	00	-05	-06	-13	10	
15 UNL 15				1021.7 SSE	10	-11	-12	-20	0	
16 000 00	1/8BS			1004.2 S	40	-01	-02	-08	10	
17 000 00	1/2BS			1004.4 S	45	04	04	-02	8	
18 060 07				998.2 SSE	15	05	05	00	10	
19 035 07	SW-			1005.0 C	00	01	01	-04	10	
20 UNL 15	IC			1002.2 C	00	-19	-19	-31	9	
21 UNL 15	IC			1013.7 C	00	-26	-26	-39	5	
22 UNL 15				1027.2 E	06	-21	-21	-32	8	
23 UNL 15				1030.3 C	00	-22	-23	-33	8	
24 UNL 15				1028.7 C	00	-27	-28	-41	0	
25 UNL 15				1026.4 ESE	04	-30	-30	-42	0	
26 UNL 15				1017.7 C	00	-36	-36	-48	0	
27 UNL 15				1031.0 C	00	-32	-32	-45	0	
28 UNL 15				1034.6 SE	18	-12	-12	-20	3	
29 UNL 15				1037.3 SE	12	-01	-02	-07	8	
30 080 15										
AVG				1015.9	07	-18			05	

Date	Calling (100' ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT
NOVEMBER 1961 0700 EST

01 UNL 15				1020.8 MNE	05	-03	-04	-11	2	
02 060 10				1021.8 C	00	-07	-07	-16	6	
03 010 10	S-			1021.7 C	00	03	02	-04	10	
04 070 15				1016.9 SE	04	-06	-06	-14	10	
05 UNL 15				1010.2 C	00	-18	-19	-28	2	
06 UNL 15				1008.2 ESE	05	-22	-23	-33	0	
07 UNL 15				1013.4 C	03	-43	-43	-50	0	
08 UNL 15				1015.5 C	00	-48	-48	-60	0	
09 UNL 15				1011.1 C	00	-41	-41	-50	0	
10 UNL 15				1009.4 C	00	-32	-32	-41	0	
11 040 15				1009.2 SE	10	-16	-16	-27	10	
12 UNL 15				1016.4 ESE	05	-29	-29	-44	0	
13 030 15				1007.8 SE	15	04	04	-02	10	
14 050 15				1002.2 C	00	-04	-04	-11	10	
15 UNL 15				1002.5 SE	15	-13	-13	-23	0	
16 010 00	1/2BS			1004.6 S	45	01	01	-06	10	
17 080 00	1/2BS			1003.5 S	50	06	06	01	10	
18 060 10				999.1 SE	12	05	05	00	10	
19 UNL 15				1005.6 C	00	-02	-02	-08	5	
20 UNL 15				1001.7 C	00	-19	-20	-31	5	
21 UNL 15	IC			1015.9 MNE	05	-27	-27	-41	8	
22 UNL 15	IC			1025.2 C	00	-36	-36	-48	0	
23 UNL 15				1028.4 ESE	05	-16	-16	-27	2	
24 UNL 15				1029.8 SE	05	-23	-23	-32	8	
25 UNL 15				1029.0 C	05	-27	-27	-41	0	
26 UNL 15				1029.0 C	00	-31	-31	-43	0	
27 UNL 15				1019.6 C	00	-33	-33	-46	0	
28 UNL 15				1031.8 ESE	05	-32	-32	-41	0	
29 UNL 15				1034.7 SE	15	-06	-06	-12	5	
30 080 15				1037.5 SE	18	-03	-03	-09	6	
AVG				1015.9	08	-17	-17	-26	04	

EUREKA NMT
NOVEMBER 1961 1000 EST

01 010 07				1021.1 MNE	03	01	01	-05	10	
02 060 10				1020.7 C	00	-05	-05	-13	6	
03 010 10	S-			1021.5 MNE	04	02	02	-04	10	
04 070 10				1015.9 ESE	02	-05	-06	-13	10	
05 UNL 10				1008.8 C	00	-15	-15	-25	5	
06 UNL 10				1009.0 C	00	-27	-27	-38	5	
07 UNL 15				1013.4 E	02	-45	-45	-50	0	
08 UNL 15				1014.9 C	00	-48	-48	-60	0	
09 UNL 15				1010.7 C	00	-43	-43	-50	0	
10 070 15				1009.5 C	00	-28	-29	-39	10	
11 UNL 15				1009.8 ESE	08	-20	-20	-32	1	
12 050 10				1015.7 ESE	05	-25	-26	-40	8	
13 030 07				1006.0 SSE	10	05	05	00	10	
14 050 10				1002.4 C	00	-03	-03	-09	10	
15 UNL 15				1017.9 ESE	24	-12	-12	-20	10	
16 000 00	1/8BS			1005.8 S	55	02	02	-05	10	
17 080 00	BS			1003.0 S	30	03	03	-03	8	
18 060 07				1000.1 SE	15	04	04	-02	7	
19 UNL 15				1005.6 C	00	-05	-06	-12	3	
20 UNL 15	IC			1001.2 C	00	-21	-22	-32	2	
21 UNL 15	IC			1017.9 C	00	-28	-29	-42	5	
22 UNL 15				1005.8 C	05	-35	-35	-49	4	
23 UNL 15				1029.6 E	05	-16	-16	-28	0	
24 UNL 15				1029.0 C	00	-22	-23	-33	8	
25 UNL 15				1029.3 E	04	-28	-28	-39	0	
26 UNL 15				1022.8 C	00	-33	-33	-46	0	
27 UNL 15				1021.4 C	00	-34	-34	-40	0	
28 UNL 15				1032.7 C	00	-32	-32	-41	0	
29 UNL 15				1035.6 SE	16	-04	-04	-10	8	
30 080 15				1037.5 SE	08	-03	-03	-09	6	
AVG				1015.9	06	-17	-18	-26	05	

Date	Calling (100' ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT
NOVEMBER 1961 1300 EST

01 010 07	S-			1021.6 C	00	03	02	-02	10	
02 060 03				1020.8 C	07	-04	-04	-11	8	
03 010 05				1021.3 MNE	07	01	01	-04	10	
04 040 01	F			1014.5 C	00	-05	-05	-12	10	
05 060 01	F			1008.3 C	00	-16	-16	-25	9	
06 100 03	F			1009.8 C	00	-27	-27	-38	8	
07 UNL 15				1013.5 C	00	-43	-43	-50	0	
08 UNL 15				1014.9 C	00	-45	-45	-50	2	
09 UNL 15				1010.4 C	00	-44	-44	-50	0	
10 050 03	F			1009.9 ESE	07	-22	-22	-31	8	
11 UNL 15				1011.2 C	00	-24	-24	-39	0	
12 070 10				1015.1 C	00	-21	-22	-34	10	
13 010 10				1004.2 SE	12	05	04	00	10	
14 040 10				1002.6 ESE	04	-02	-02	-10	10	
15 030 03	BS			1001.0 SSE	27	-09	-09	-11	10	
16 080 10				1007.2 SSE	32	04	03	-02	8	
17 080 10				1001.8 ESE						

SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Wind Barb (°)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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EUREKA NWT
DECEMBER 1961 0100 EST

01 UNL 15	1036.3	C	00	-14	-15	-21	0			
02 UNL 15	1026.0	ESE	05	-25	-25	-38	0			
03 UNL 15	1022.7	NW	08	-17	-17	-26	0			
04 UNL 15	1016.0	NE	05	-09	-09	-16	1			
05 UNL 15	1015.1	C	00	-15	-15	-24	0			
06 050 15	1014.0	SE	09	02	02	-03	10			
07 UNL 15	1018.9	C	00	-16	-16	-24	1			
08 UNL 15	1031.9	ESE	08	-23	-24	-32	3			
09 UNL 10	1038.5	SE	07	-15	-15	-23	5			
10 UNL 15	1030.2	C	00	-26	-26	-39	0			
11 UNL 15	1031.4	C	00	-36	-36	-45	0			
12 UNL 15	1023.7	ESE	04	-39	-39	-48	0			
13 UNL 15	1014.3	C	00	-40	-40	-49	0			
14 UNL 15	1002.7	ESE	06	-33	-34	-42	0			
15 UNL 15	997.8	C	00	-37	-37	-46	0			
16 UNL 15	1005.4	C	00	-43	-43	-52	0			
17 050 15	998.7	ESE	05	-24	-24	-34	9			
18 UNL 15	1031.4	C	00	-30	-30	-42	0			
19 UNL 15	1035.3	NW	10	-35	-35	-45	2			
20 160 15	1021.0	E	00	-30	-30	-39	10			
21 070 00	1027.5	SE	35	-22	-22	-29	9			
22 070 01	1027.9	SSE	40	-13	-13	-19	10			
23 UNL 15	1029.9	SE	12	-18	-18	-25	10			
24 070 15	1028.4	SE	07	-15	-15	-23	10			
25 UNL 15	1025.7	C	00	-22	-22	-31	0			
26 UNL 15	1038.4	C	00	-40	-40	-49	0			
27 120 15	1028.8	C	00	-27	-27	-38	10			
28 045 15	1018.8	WNW	08	-15	-15	-21	10			
29 UNL 10	1010.8	S	03	-15	-15	-23	4			
30 UNL 15	1013.8	WNW	06	-28	-28	-39	1			
31 040 03	988.2	NW	18	-07	-07	-13	10			
AVG	1021.1		06	-24	-24	-34	04			

EUREKA NWT
DECEMBER 1961 0400 EST

01 UNL 15	1036.0	C	00	-15	-16	-24	0			
02 UNL 15	1025.9	C	00	-25	-26	-35	0			
03 UNL 15	1020.4	C	00	-17	-17	-26	0			
04 UNL 15	1016.1	C	00	-08	-08	-14	0			
05 UNL 15	1014.9	NW	08	-15	-15	-21	0			
06 050 15	1015.6	SE	04	02	01	-03	10			
07 UNL 10	1020.2	S	19	-17	-17	-26	0			
08 UNL 10	1035.3	C	02	-22	-22	-31	3			
09 UNL 15	1038.2	ESE	07	-17	-17	-28	3			
10 UNL 15	1030.5	C	00	-26	-26	-36	0			
11 UNL 15	1031.1	C	00	-37	-37	-46	0			
12 UNL 15	1023.5	C	00	-38	-38	-47	0			
13 UNL 15	1013.6	ESE	12	-36	-36	-45	0			
14 UNL 15	1030.3	E	05	-32	-32	-45	0			
15 UNL 15	999.4	C	00	-36	-36	-45	0			
16 UNL 15	1005.0	ESE	05	-44	-44	-53	0			
17 050 10	1001.6	ESE	06	-20	-20	-27	10			
18 UNL 15	1034.6	SE	04	-30	-30	-42	0			
19 UNL 15	1033.6	C	00	-36	-36	-45	0			
20 160 15	1019.2	C	00	-27	-27	-35	10			
21 070 00	1030.8	SSE	35	-21	-21	-28	9			
22 050 01	1028.5	S	30	-15	-15	-21	10			
23 UNL 15	1029.5	SSE	08	-17	-17	-23	8			
24 070 15	1028.3	ESE	05	-16	-16	-24	10			
25 UNL 15	1031.5	C	00	-36	-36	-45	0			
26 UNL 15	1036.9	C	00	-41	-41	-50	0			
27 120 15	1026.1	C	00	-26	-26	-36	10			
28 045 15	1016.3	WNW	07	-15	-15	-23	10			
29 UNL 15	1012.0	C	00	-18	-19	-28	3			
30 UNL 15	1010.5	WNW	09	-27	-27	-41	1			
31 UNL 15	986.8	NW	05	-08	-08	-16	3			
AVG	1021.1		06	-24	-24	-34	04			

EUREKA NWT
DECEMBER 1961 0700 EST

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Wind Barb (°)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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EUREKA NWT
DECEMBER 1961 0700 EST

01 UNL 15	1035.6	C	00	-20	-20	-29	0			
02 UNL 15	1026.2	SE	08	-14	-14	-21	0			
03 UNL 15	1019.6	C	00	-19	-19	-27	0			
04 UNL 15	1015.8	C	00	-18	-18	-26	0			
05 080 15	1014.5	WNW	03	-07	-07	-12	9			
06 050 15	1016.7	SE	08	01	01	-05	10			
07 UNL 10	1021.8	SE	13	-18	-19	-26	4			
08 UNL 10	1033.9	SE	16	-18	-19	-26	4			
09 080 15	1036.8	SE	11	-17	-18	-26	7			
10 UNL 15	1030.8	C	00	-32	-32	-41	0			
11 UNL 15	1030.2	C	00	-35	-36	-45	0			
12 UNL 15	1022.3	C	00	-42	-42	-51	0			
13 UNL 15	1012.8	ESE	10	-36	-36	-45	0			
14 UNL 15	1002.9	C	00	-35	-35	-45	0			
15 UNL 15	1001.0	C	00	-36	-36	-45	0			
16 UNL 15	1003.7	C	00	-45	-45	-54	0			
17 UNL 15	1005.9	ESE	10	-22	-22	-29	2			
18 UNL 15	1037.3	C	00	-34	-34	-44	0			
19 UNL 15	1031.8	C	00	-38	-38	-47	0			
20 160 15	1018.0	C	00	-23	-23	-30	10			
21 070 00	1032.1	SSE	20	-10	-10	-27	10			
22 050 01	1028.7	SSW	30	-17	-17	-23	10			
23 160 15	1028.9	SE	13	-13	-13	-19	8			
24 UNL 10	1027.5	SE	10	-17	-17	-25	8			
25 UNL 15	1025.7	C	00	-22	-22	-31	0			
26 UNL 15	1034.2	C	00	-42	-42	-51	0			
27 080 15	1024.9	C	00	-24	-25	-34	10			
28 040 10	1014.3	WNW	05	-12	-12	-19	10			
29 UNL 15	1014.0	SE	14	-21	-21	-30	3			
30 UNL 15	1007.2	WNW	14	-22	-22	-33	1			
31 UNL 10	984.4	W	18	-09	-10	-17	3			
AVG	1020.9		07	-24	-24	-34	04			

EUREKA NWT
DECEMBER 1961 1000 EST

01 UNL 15	1034.4	C	00	-22	-23	-31	0			
02 UNL 15	1026.6	S	03	-13	-14	-21	0			
03 UNL 15	1017.3	C	00	-20	-21	-29	2			
04 UNL 15	1015.8	C	00	-14	-14	-23	4			
05 080 15	1014.1	C	00	-06	-07	-12	10			
06 050 15	1017.5	SE	11	00	00	-16	10			
07 UNL 10	1021.8	S	21	-19	-19	-27	0			
08 UNL 10	1034.7	SSE	17	-15	-15	-24	4			
09 080 15	1035.0	SE	05	-18	-18	-28	10			
10 UNL 15	1030.8	C	00	-32	-32	-41	0			
11 UNL 15	1029.4	C	00	-35	-35	-45	0			
12 UNL 15	1021.0	C	00	-41	-41	-50	0			
13 UNL 15	1011.4	ESE	05	-38	-38	-47	0			
14 UNL 15	999.0	C	00	-35	-35	-45	0			
15 UNL 15	1002.5	C	00	-37	-37	-46	0			
16 UNL 15	1001.6	WNW	10	-34	-34	-44	0			
17 050 15	1010.2	SSE	10	-24	-24	-32	8			
18 UNL 15	1038.8	C	00	-36	-36	-45	0			
19 UNL 15	1030.2	ESE	05	-36	-36	-45	0			
20 150 15	1018.2	ESE	08	-18	-18	-25	10			
21 070 00	1032.5	SSE	30	-20	-20	-27	10			
22 UNL 15	1029.9	SSW	20	-16	-17	-22	7			
23 140 15	1027.9	S	18	-13	-13	-19	10			
24 UNL 15	1026.8	NNE	07	-15	-15	-23	2			
25 UNL 15	1035.4	E	10	-35	-35	-45	0			
26 UNL 15	1034.1	C	00	-41	-41	-50	0			
27 080 15	1025.6	C	00	-23	-24	-32	10			
28 040 10	1011.5	C	00	-11	-11	-19	10			
29 UNL 15	1015.2	SSE	07	-22	-22	-33	0			
30 UNL 15	1003.8	W	18	-19	-20	-29	2			
31 UNL 03	982.7	W	26	-13	-14	-23	2			
AVG	1020.5		07	-23	-23	-33	04			

EUREKA NWT
DECEMBER 1961 1300 EST

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Wind Barb (°)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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EUREKA NWT
DECEMBER 1961 1300 EST

01 UNL 15	1033.0	C	00	-24	-24	-34	0			
02 UNL 15	1027.6	C	00	-17	-17	-25	0			
03 UNL 15	1016.4	C	00	-20	-20	-29	1			
04 UNL 15	1015.3	C	00	-16	-16	-24	2			
05 080 15	1013.3	C	00	-08	-08	-14	7			
06 050 15	1017.7	SSE	10	-03	-03	-09	10			
07 080 10	1029.8	S	20	-18	-18	-26	6			
08 080 07	1035.9	SSE	20	-14	-14	-21	9			
09 070 15	1033.2	SSE	10	-18	-19	-28	10			
10 UNL 10	1030.8	C	00	-33	-33	-42	0			
11 UNL 15	1027.8	C	00	-38	-38	-47	0			
12 UNL 15	1019.2	C	00	-42	-42	-51	0</			

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Calling (100's h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
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ISACHSEN NMT
JULY 1961 0200 MST

01 002 01	S-F	1006.8	SW	07	28	27	10			
02 006 05	S	1003.1	SSE	22	34	33	10			
03 005 05	R-S-F	1005.3	SSE	19	34	34	10			
04 012 10	F	1012.7	SSE	25	36	35	10			
05 003 02	F	1007.0	SSE	25	38	38	10			
06 001 00	1/2F	1013.9	NW	12	35	35	10			
07 UNL 15		1016.3	WSW	02	34	33	2			
08 050 12		1010.0	S	10	38	37	9			
09 004 01	1/2L-F	1009.6	SW	09	33	33	10			
10 015 01	S-W-F	1005.7	SW	08	33	33	10			
11 025 03		1006.2	NW	20	30	29	9			
12 025 15		1008.8	S	06	33	32	9			
13 UNL 15		1001.0	SE	08	39	38	7			
14 UNL 08		1003.5	W	06	35	34	2			
15 010 05		997.9	N	14	34	33	10			
16 080 01		1006.3	SW	05	30	29	10			
17 013 10	T-R-F	1003.9	E	08	37	36	9			
18 006 08		1004.2	SW	06	34	33	10			
19 012 10		1007.0	SW	10	34	33	10			
20 010 10		1000.1	E	16	39	39	10			
21 002 01	F	996.0	SW	10	34	34	10			
22 005 00	3/4F	1011.0	SW	04	32	32	10			
23 004 01	1/2F	1013.1	S	04	32	32	9			
24 004 06	F	1021.1	SW	12	33	33	10			
25 200 15		1022.0	SW	18	35	34	10			
26 040 10	R	1006.8	SW	26	44	43	10			
27 006 02	S-F	1011.6	NW	20	35	35	10			
28 003 02	F	1022.4	NW	18	30	30	9			
29 005 01	R-F	1010.8	NW	20	33	33	10			
30 004 10		1011.8	NW	07	29	28	8			
31 UNL 15		1010.4	ESE	07	33	33	10			
AVG		1008.9		12	34	34	33	09		

ISACHSEN NMT
JULY 1961 0500 MST

01 001 00	1/2S-F	1006.1	S	04	29	28	10			
02 006 03	S-F	1003.4	SE	20	34	34	10			
03 005 07	R-	1006.1	SSE	18	35	34	10			
04 012 15		1013.0	SSE	20	36	35	9			
05 001 00	3/4L-F	1007.2	S	14	37	37	10			
06 018 10		1015.0	NW	09	36	36	9			
07 UNL 15		1015.7	SW	05	37	34	10			
08 UNL 12		1009.0	S	05	37	36	10			
09 008 06	S-W	1009.2	SW	11	34	34	10			
10 015 01	S-F	1005.5	SW	15	31	31	10			
11 006 03	S-F	1006.7	NW	22	33	32	10			
12 000 00	3/4F	1007.7	S	12	34	34	10			
13 080 15		1001.1	S	12	40	39	10			
14 UNL 15		1003.7	NW	06	35	34	1			
15 005 05	R-F	997.9	N	10	34	34	10			
16 010 01	F	1006.9	S	02	32	32	10			
17 015 07	R-	1003.8	ESE	05	37	36	10			
18 004 08		1004.8	SW	11	35	34	10			
19 005 04	F	1006.9	S	01	35	34	10			
20 005 02	R	998.8	E	13	40	40	10			
21 001 00	1/2L-F	996.9	SW	16	33	33	10			
22 005 00	3/4F	1012.1	SW	05	30	30	9			
23 005 10		1013.7	S	15	35	34	10			
24 UNL 10		1022.1	SSW	10	36	35	9			
25 220 15		1022.4	SW	14	35	34	9			
26 000 00	1/4R-F	1015.3	SW	18	39	39	10			
27 005 01	1/2S-F	1014.3	NW	20	34	33	10			
28 004 02	F	1021.8	W	15	31	31	10			
29 004 01	S-F	1020.6	NW	14	35	35	10			
30 UNL 15		1011.6	NW	07	32	30	2			
31 UNL 15		1010.4	SE	07	36	35	3			
AVG		1009.0		11	35	34	33	10		

Date	Calling (100's h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
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ISACHSEN NMT
JULY 1961 0800 MST

01 008 03	S-F	1005.4	S	08	32	30	27	10		
02 008 03	S-F	1003.5	SE	24	35	34	34	10		
03 007 06	R-F	1007.0	S	21	39	39	34	9		
04 025 15		1012.3	SSE	30	39	37	36	9		
05 000 00	F	1007.6	S	08	36	36	10			
06 020 10		1016.0	NW	07	38	37	35	8		
07 UNL 15		1015.1	SW	08	38	36	33	2		
08 002 01	1/2R-F	1007.6	S	15	35	35	10			
09 003 01	L-F	1008.6	SSW	14	34	34	10			
10 010 01		1005.2	SW	03	31	31	10			
11 006 01	S-F	1007.2	NW	24	32	32	11			
12 004 05	R-F	1006.0	S	18	34	34	10			
13 004 06	R-F	1001.5	SSW	10	40	40	10			
14 140 15		1003.7	SW	04	36	35	34	9		
15 008 05	S-F	998.0	N	12	33	33	10			
16 008 10		1006.9	S	04	35	34	9			
17 009 04	R-F	1003.0	N	04	36	36	10			
18 002 00	3/8L-F	1005.0	NW	10	35	35	10			
19 001 01	R-F	1006.8	SSW	12	36	36	10			
20 009 10		996.7	ESE	16	40	39	38	10		
21 002 01	L-F	996.3	W	24	34	34	10			
22 UNL 00	1/2F	1012.5	SE	02	32	32	9			
23 005 02	F	1014.1	SW	13	34	34	10			
24 UNL 15		1022.6	SW	11	37	36	3			
25 120 15		1022.3	SW	12	37	36	3			
26 001 00	1/2R-F	1014.1	S	12	38	38	10			
27 003 04	F	1011.9	SE	23	34	33	9			
28 005 02	F	1020.5	NW	18	33	32	9			
29 008 15		1010.5	N	20	35	34	10			
30 UNL 15		1010.8	N	12	34	33	1			
31 UNL 15		1010.2	SSE	05	41	38	6	4		
AVG		1008.9		13	36	35	34	09		

ISACHSEN NMT
JULY 1961 1100 MST

01 009 07	R-S-	1004.4	S	18	35	34	33	10		
02 008 03	R-S-	1003.4	SE	25	35	34	33	10		
03 010 06	R-	1008.1	S	18	36	35	35	10		
04 018 08	R-	1011.9	SE	26	38	36	35	10		
05 001 01	1/2F	1008.2	SW	06	37	37	36	10		
06 UNL 15		1016.3	NW	08	39	37	36	2		
07 UNL 15		1014.3	SW	05	41	38	34	2		
08 000 00	1/2R-F	1006.9	S	13	36	36	10			
09 005 01	SW-F	1007.8	SW	11	34	34	10			
10 014 08	SW-F	1004.6	W	05	34	33	10			
11 004 08	R-	1011.9	SE	24	34	33	10			
12 005 04	R-S-	1004.4	SSE	17	34	33	10			
13 000 00	1/4F	1001.6	W	07	38	38	10			
14 018 10		1003.4	SW	02	36	35	33	10		
15 008 04	L-S-F	999.2	N	11	34	34	33	10		
16 008 15		1006.8	S	04	37	35	34	10		
17 010 10	R-	1002.4	NW	04	39	38	37	10		
18 000 00	1/2L-F	1005.4	SW	14	35	34	35	10		
19 004 07		1006.7	S	06	38	37	37	10		
20 010 06	R-	996.0	SE	10	37	37	36	10		
21 004 04	L-F	1000.4	W	25	35	34	34	10		
22 008 15		1012.6	S	12	38	38	37	8		
23 006 04	F	1015.5	SW	17	34	34	33	8		
24 150 15		1022.4	SW	11	38	37	35	6		
25 020 15		1021.9	SW	11	40	39	37	9		
26 003 01	1/2R-F	1011.9	S	17	39	39	10			
27 007 02	F	1018.6	NW	20	34	34	33	10		
28 009 03	F	1018.8	NW	20	33	32	31	9		
29 011 15		1011.0	N	14	35	34	31	10		
30 UNL 15		1010.2	N	10	37	34	31	2		
31 UNL 15		1010.2	S	06	45	41	35	3		
AVG		1008.8		12	37	36	34	09		

Date	Calling (100's h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
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ISACHSEN NMT
JULY 1961 1400 MST

01 010 12		1003.8	S	16	36	35	33	10		
02 010 05	R-	1003.5	SE	24	36	35	34	10		
03 005 05	R-	1009.5	S	20	35	35	34	10		
04 007 04	R-	1010.1	SSE	28	37	37	36	10		
05 015 08		1009.6	SW	08	39	39	38	10		
06 UNL 15		1016.8	NW	10	39	38	36	2		
07 UNL 15		1013.9	SW	06	44	41	37	3		
08 001 01	L-F	1007.1	SW	10	35	35	34	10		
09 008 10	SW-	1007.7	SW	13	33	33	32	10		
10 009 06		1004.7	NW	15	35	35	30	9		
11 004 08		1008.3	NW	18	33	33	32	10		

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Calling (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hundred)
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ISACHSEN NMT
AUGUST 1961 0200 MST

01 UNL 15	1009.4	E	16	40	37	33	1
02 UNL 15	1009.5	C	00	39	38	36	1
03 UNL 15	1006.0	C	00	44	41	38	4
04 150 15	1004.2	N	22	41	39	36	9
05 030 12	1010.3	NE	01	41	39	36	9
06 004 04	1013.6	N	17	31	31	30	9
07 002 01	1014.6	N	28	32	31	31	10
08 005 09	1015.1	NNW	24	33	32	32	10
09 008 01	1012.0	N	30	33	33	32	10
10 008 01	1009.3	NNW	30	33	32	32	10
11 003 02	1013.6	NW	12	30	29	28	8
12 UNL 06	1008.9	C	00	28	27	25	7
13 140 15	1007.0	SE	10	38	35	32	10
14 140 15	1007.0	E	14	37	36	34	7
15 120 15	1009.5	SE	12	37	36	34	8
16 011 12	1011.6	E	08	36	35	35	10
17 015 15	1014.2	ENE	03	36	35	35	8
18 030 15	1016.1	N	09	36	35	34	10
19 200 03	1009.2	NE	05	29	29	28	7
20 004 01	1002.1	S	07	33	33	30	10
21 200 03	0999.9	N	18	29	29	27	9
22 008 05	1007.0	NNW	08	26	26	24	8
23 006 03	1010.0	N	05	25	25	24	10
24 001 01	1009.7	W	12	29	28	28	10
25 008 04	1008.0	NW	15	28	28	26	10
26 008 03	1014.9	NW	18	26	26	25	9
27 010 03	1009.3	NW	12	29	29	27	8
28 010 07	1021.0	NNW	23	23	23	20	7
29 006 01	1017.6	N	29	23	23	20	10
30 100 01	1014.1	NE	13	21	20	17	9
31 008 05	1007.2	N	14	16	16	12	8
AVG	1010.5		13	32	31	29	08

ISACHSEN NMT
AUGUST 1961 0500 MST

01 UNL 15	1009.5	E	12	44	40	36	1
02 UNL 15	1009.4	C	00	41	39	37	1
03 200 15	1006.3	C	00	45	40	35	7
04 120 15	1006.0	N	23	38	36	35	9
05 035 15	1011.2	ENE	01	39	37	36	9
06 004 04	1014.0	N	18	32	32	31	7
07 002 02	1015.3	N	24	31	31	29	10
08 006 08	1012.6	NNW	26	33	32	31	10
09 006 02	1011.9	NW	30	33	33	31	9
10 006 02	1010.4	NNW	24	32	32	31	10
11 080 01	1013.5	NW	14	31	31	30	9
12 UNL 15	1008.1	C	00	30	30	29	2
13 140 15	1007.2	SE	12	38	37	35	10
14 140 15	1008.9	E	12	35	35	34	7
15 030 15	1009.5	SE	07	37	36	35	9
16 010 10	1011.6	E	14	36	36	35	9
17 UNL 15	1015.1	E	01	37	37	36	3
18 030 15	1015.8	N	13	35	34	32	10
19 250 15	1008.3	C	00	30	29	28	9
20 003 01	1001.3	SW	05	31	31	31	10
21 010 02	1000.6	N	26	28	28	27	9
22 UNL 02	1009.5	N	30	26	26	24	3
23 030 15	1010.4	NNW	12	26	26	24	9
24 005 02	1009.3	W	06	30	30	29	10
25 008 04	1008.9	NW	14	29	28	27	10
26 220 04	1015.2	NNW	18	26	25	24	9
27 008 03	1019.2	NW	16	21	21	19	10
28 008 08	1020.9	N	17	25	24	21	9
29 004 01	1017.8	N	24	24	24	21	9
30 010 01	1014.1	NNE	12	21	21	18	9
31 010 02	1006.4	NNE	11	17	16	13	9
AVG	1010.6		14	32	31	29	08

Date	Calling (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hundred)
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ISACHSEN NMT
AUGUST 1961 0800 MST

01 UNL 15	1009.0	SE	01	47	43	38	1
02 UNL 15	1004.9	S	04	49	45	41	1
03 070 15	1006.2	NE	07	48	43	37	9
04 120 15	1004.9	E	07	42	40	37	9
05 035 15	1011.5	N	05	41	39	36	9
06 004 03	1014.0	N	26	35	34	33	9
07 004 03	1015.2	N	26	32	32	30	9
08 006 02	1011.9	NNW	23	34	34	33	10
09 005 03	1011.3	N	28	34	33	32	10
10 005 03	1010.7	NNW	24	31	31	31	10
11 005 10	1013.1	NNE	04	35	34	34	8
12 UNL 15	1007.3	SE	02	36	34	32	5
13 200 15	1007.6	SE	14	40	38	35	10
14 150 15	1007.9	SE	14	39	37	36	8
15 040 15	1009.9	SE	16	38	37	36	8
16 011 12	1011.6	E	13	38	37	37	10
17 070 15	1015.6	C	00	40	38	37	7
18 030 15	1015.1	N	13	35	34	33	9
19 UNL 15	1007.1	C	00	35	34	32	5
20 004 01	1000.9	SW	07	31	31	31	10
21 008 01	1001.9	S	26	28	28	25	9
22 UNL 04	1006.9	N	30	27	26	24	2
23 003 08	1010.7	NNW	04	29	29	27	9
24 020 06	1008.8	N	08	30	30	28	7
25 007 04	1009.3	NNW	16	29	29	27	10
26 008 05	1015.2	N	16	27	27	26	10
27 010 08	1010.4	NNW	20	22	22	20	8
28 014 02	1020.4	N	24	27	26	24	9
29 200 01	1016.9	NNE	26	23	23	21	8
30 010 02	1013.6	NNE	15	21	20	17	9
31 010 01	1005.1	NE	22	20	20	16	9
AVG	1010.4		14	34	33	30	08

ISACHSEN NMT
AUGUST 1961 1100 MST

01 UNL 15	1008.4	SE	04	52	46	39	1
02 UNL 15	1004.9	S	05	52	47	43	1
03 090 15	1006.2	E	08	49	44	41	10
04 090 15	1005.4	C	00	47	44	41	10
05 070 15	1011.7	C	00	47	43	40	6
06 006 08	1014.1	N	15	36	35	34	9
07 008 12	1015.0	N	37	35	33	31	7
08 009 02	1011.4	N	27	35	34	33	9
09 007 04	1010.8	N	30	35	34	33	10
10 007 02	1011.6	NNW	24	31	31	30	10
11 004 08	1012.1	NW	12	36	35	34	8
12 110 15	1006.6	S	04	40	38	37	9
13 090 15	1008.2	SE	18	41	38	34	9
14 150 15	1008.1	SE	12	41	38	36	9
15 015 15	1010.1	SE	16	39	38	36	10
16 010 08	1011.5	SE	07	38	38	36	10
17 040 15	1015.9	C	00	43	39	36	9
18 070 15	1014.5	N	08	39	37	35	9
19 180 15	1006.2	C	00	38	36	32	9
20 005 01	999.8	W	07	31	31	30	10
21 010 01	1002.9	N	28	30	29	29	9
22 012 06	1008.1	NNW	18	28	27	26	6
23 008 05	1010.4	NW	11	30	29	28	8
24 200 10	1008.2	N	05	29	29	27	9
25 007 10	1010.0	NW	12	28	28	26	9
26 010 08	1015.9	NW	15	27	26	23	9
27 UNL 08	1020.1	NW	18	24	24	22	5
28 020 03	1015.8	N	26	26	26	24	10
29 008 01	1015.9	N	29	23	23	20	10
30 220 05	1012.9	N	14	20	19	16	9
31 010 06	1005.3	NE	20	21	20	17	8
AVG	1010.4		13	35	34	31	08

Date	Calling (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hundred)
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ISACHSEN NMT
AUGUST 1961 1400 MST

01 UNL 15	1008.2	SW	08	54	47	41	1
02 UNL 15	1004.6	S	09	53	46	39	1
03 100 15	1006.1	NE	09	50	45	41	10
04 080 15	1006.3	SE	06	44	42	40	10
05 UNL 15	1011.8	N	06	49	46	42	3
06 005 12	1013.7	N	27	38	37	35	8
07 008 08	1015.4	N	33	35	33	30	9
08 027 02	1011.2	N	26	35	34	33	10
09 008 03	1010.3	NNW	30	35	34	33	10
10 007 03	1012.2	N	20	31	31	30	10
11 003 08	1012.0	NNW	10	34	33	31	9
12 180 15	1006.8	SW	06	40	38	35	9
13 100 15	1008.7	SE	14	39	37	35	10
14 025 15	1008.2	S	12	41	39	35	9
15 015 15	1010.6	SE	18	41	39	36	10
16 010 10	1011.7	S	04	40	39	38	10
17 020 15	1016.4	N	06	43	40	36	8
18 070 15	1013.9	N	12	38	36	33	10
19 UNL 15	1005.5	S	06	42	38	33	3
20 005 01	999.0	SW	08	32	32	32	10
21 010 06	1004.1	N	30	31	30	28	8
22 008 06	1008.8	N	18	28	27	25	8
23 008 03	1011.1	W	09	31	30	29	9
24 010 10	1008.1	NNW	07	30	29	27	9
25 011 12	1010.8	NW	14	29	27	24	10
26 010 03	1010.7	NW	10	27	26	24	10
27 220 06	1020.3	NNW	24	25	25	23	8
28 006 01	1019.2	N	28	26	26	25	9
29 001 01	1015.9	N	22	22	22	20	10
30 200 06	1012.3	N	12	19	19	16	9
31 008 03	1005.1	N	12	23	22	21	6
AVG	1010.4		15	36	34	31	08

ISACHSEN NMT
AUGUST 1961 1700 MST

01 UNL 15	1007.8	W	06	54	48	42	1
02 UNL 15	1005.2	S	07				

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction (miles)	Wind Speed (kts)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NWT
SEPTEMBER 1961 0200 MST

01 008 01	1/2F	1004.8	NNE	11	21	20	17	10		
02 007 02	F	1010.5	N	04	18	18	16	10		
03 005 01	F	1014.5	SE	05	19	19	17	10		
04 010 07		1012.7	N	10	23	23	21	10		
05 UNL 08		1006.1	NNW	12	13	13	10	4		
06 UNL 08		1011.1	NW	12	12	12	09	4		
07 UNL 08		1015.9	N	18	08	08	05	1		
08 020 10		1015.0	WNW	12	13	13	10			
09 015 01	F	1019.6	N	04	18	18	16	10		
10 006 02	F	1022.4	NW	20	15	15	13	10		
11 008 08		1019.9	SW	09	20	20	18	10		
12 UNL 10		1014.7	ENE	13	19	18	17	3		
13 010 04	F	1012.0	N	20	18	18	16	10		
14 007 01	S-FBS	1014.8	NW	25	24	24	23	10		
15 010 02	1/2S-F	1006.7	N	06	21	21	19	10		
16 015 01	1/2S-F	1004.9	E	10	14	14	11	10		
17 UNL 00	3/4F BS	999.4	NNE	20	02	02	-01	4		
18 010 02	S-F	998.3	N	16	14	14	12	10		
19 000 00	1/2F	994.3	C	00	04	04	02	10		
20 003 00	3/4S-F	996.0	WSW	06	06	06	03	10		
21 020 05	S-	1003.8	NE	14	12	12	10	10		
22 UNL 03	IC F	1012.7	E	05	10	10	08	5		
23 020 05	S-	1013.8	N	18	11	11	08	10		
24 UNL 03	S-F	1010.4	NNE	26	07	07	04	3		
25 025 08	IC	1013.7	NE	09	-02	-02	-06	9		
26 010 03	IC F	1022.6	N	08	07	07	05	10		
27 050 02	S-F	1027.4	C	00	04	04	01	10		
28 019 02	S-F	1028.6	NW	09	09	09	06	10		
29 UNL 01	F	1027.3	N	16	-03	-03	-06	3		
30 015 01	1/2S-F	1027.7	C	00	03	03	00	10		

AVG 1012.7 11 12 12 09 08

ISACHSEN NWT
SEPTEMBER 1961 0500 MST

01 008 01	SW-F	1005.5	N	10	21	21	19	9		
02 120 08		1011.2	N	07	16	15	13	6		
03 220 07	F	1014.8	C	00	15	15	13	7		
04 UNL 02	F	1012.1	N	06	23	23	21	10		
05 UNL 06	BS	1005.1	NW	18	12	12	09	2		
06 UNL 08	S-	1014.6	E	18	20	20	18	10		
07 UNL 08	BS	1010.0	NNE	28	07	07	04	3		
08 010 03	S-F	1015.5	N	12	13	14	11	10		
09 015 02	F	1019.7	NW	14	19	19	17	10		
10 006 02	S-F	1023.1	NW	04	15	15	13	10		
11 009 10		1019.1	SSW	06	20	20	18	10		
12 009 08	S-	1014.6	E	18	20	20	18	10		
13 UNL 01	1/2F	1012.1	N	28	18	18	15	5		
14 008 01	1/4S-FBS	1014.2	NW	24	23	23	21	10		
15 015 03	S-F	1006.3	C	00	20	20	18	9		
16 030 10		1004.4	ENE	12	12	11	09	8		
17 012 00	3/4F	999.5	NNW	19	00	00	-03	8		
18 005 00	3/4S-F	998.3	NW	14	18	18	17	10		
19 002 01	F	994.1	N	06	00	01	-02	10		
20 080 01	1/2S-F	995.9	SW	06	06	06	04	9		
21 015 05	S-	1005.2	NE	15	11	11	08	10		
22 012 08		1013.9	ENE	11	14	14	12	10		
23 020 03	S-F	1013.6	NNW	10	10	10	07	10		
24 UNL 00	1/2IC F	1010.9	N	10	08	09	06	8		
25 002 00	3/8F	1014.8	NNE	08	04	04	01	10		
26 008 01	S-F	1023.4	W	04	06	06	03	9		
27 008 02	S-F	1027.7	NW	03	08	08	05	10		
28 030 03	IC F	1029.4	NNW	09	01	01	-01	9		
29 UNL 02	1/2F	1027.9	NW	08	-04	-04	-08	3		
30 013 04	F	1027.6	NE	01	03	03	-01	10		

AVG 1012.9 11 12 12 09 08

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction (miles)	Wind Speed (kts)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NWT
SEPTEMBER 1961 0800 MST

01 025 08		1006.1	NNE	10	21	20	18	9		
02 UNL 10		1011.6	N	01	16	16	13	3		
03 140 08		1014.9	C	00	17	17	15	7		
04 080 06	F	1011.3	NW	06	22	22	19	10		
05 UNL 02		1004.2	NW	22	13	13	09	2		
06 UNL 08		1013.1	NW	13	14	14	11	3		
07 UNL 15	IC	1016.1	N	14	10	10	07	2		
08 220 04	S-	1015.9	NW	12	14	14	11	9		
09 220 06	F	1020.2	N	14	16	16	14	8		
10 001 00	3/4F	1022.8	W	04	17	17	15	10		
11 009 10		1018.5	S	07	20	20	18	10		
12 002 01	1/2F	1014.2	E	09	19	19	17	10		
13 015 01	1/2F BS	1012.8	NNW	32	22	22	20	10		
14 009 01	1/2S-FBS	1013.2	NW	10	22	21	20	10		
15 020 03	S-F	1005.8	N	05	19	19	17	9		
16 020 07		1003.8	NE	15	15	15	11	9		
17 015 00	3/4F BS	998.4	NNW	25	06	06	03	10		
18 012 03	F	998.0	N	20	18	18	16	10		
19 040 03	BS	993.7	N	12	-01	-01	-09	6		
20 008 02	S-	995.7	SE	05	04	04	02	8		
21 UNL 05	S-	1006.3	E	12	09	09	06	7		
22 012 03	F	1014.2	NE	11	15	15	13	10		
23 030 03	S-F	1012.1	NW	18	10	10	07	10		
24 015 02	S-F	1010.2	NW	15	12	12	10	10		
25 004 00	3/4S-F	1015.1	NNE	01	08	09	06	10		
26 003 00	1/2S-F	1023.7	N	08	06	06	03	10		
27 030 03	S-F	1027.7	N	08	10	09	07	9		
28 070 04	F	1029.1	N	08	-04	-04	-07	8		
29 070 08	IC	1027.9	C	00	-04	-04	-07	7		
30 012 04	S-F	1027.2	N	03	02	02	-01	10		

AVG 1012.8 11 12 12 10 08

ISACHSEN NWT
SEPTEMBER 1961 1100 MST

01 020 06	S-	1006.7	N	08	21	20	18	10		
02 010 08		1012.1	C	00	17	17	14	8		
03 010 08	SG-	1014.0	SSE	12	24	23	20	9		
04 080 10		1010.3	NW	06	20	20	18	10		
05 180 00	3/4F BS	1004.3	NW	24	15	14	12	6		
06 014 04	S-F	1013.6	NW	12	17	16	12	9		
07 005 02	S-F	1016.2	WNW	04	13	13	10	10		
08 011 05	S-F	993.7	N	15	16	16	13	9		
09 200 15	F	1021.5	WNW	07	18	18	14	8		
10 003 03	F	1022.1	W	06	19	19	17	10		
11 006 05	F	1017.8	SSE	07	21	21	19	9		
12 001 00	3/4F	1013.9	NE	07	17	17	15	10		
13 040 02	BS	1013.8	NNW	30	23	23	21	10		
14 009 01	1/2S-FBS	1001.1	NW	24	23	23	21	10		
15 020 05	S-F	1005.1	NE	08	20	20	18	9		
16 030 08		1003.0	NE	20	15	14	10	10		
17 070 00	1/4F BS	997.8	NW	23	10	10	07	9		
18 010 02	1/2F	997.8	NNE	13	15	15	13	9		
19 280 10	IC	994.5	N	08	-01	-01	-05	8		
20 200 02	S-F	996.3	ESE	09	06	06	03	8		
21 120 10	S-	1006.4	E	28	12	12	08	8		
22 015 15		1014.2	N	14	15	14	12	9		
23 020 02	S-F	1011.1	NW	17	10	10	07	10		
24 006 00	3/4S-F	1011.2	NNW	18	10	10	07	9		
25 004 01	1/2S-F	1015.7	NNE	03	14	14	10	10		
26 UNL 01	F BS	1023.4	N	11	07	07	04	4		
27 040 04	S-F	1027.6	N	11	11	11	08	9		
28 045 04	F	1028.5	N	10	-02	-02	-07	9		
29 065 10	F	1027.6	N	01	-01	-01	-05	9		
30 012 04	S-F	1026.7	N	01	03	03	00	10		

AVG 1012.7 12 14 13 11 09

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction (miles)	Wind Speed (kts)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NWT
SEPTEMBER 1961 1400 MST

01 010 03	SW-F	1007.8	N	10	22	22	20	10		
02 UNL 08		1012.9	C	00	18	18	15	8		
03 010 05	F	1014.1	S	10	24	24	21	7		
04 012 07		1009.4	NNW	11	19	19	16	9		
05 070 00	3/4F BS	1006.1	NW	26	15	14	11	8		
06 UNL 10		1014.3	NNW	13	16	15	12	4		
07 003 01	1/2F	1016.0	NW	07	14	14	12	10		
08 010 01	3/4S-F	1016.7	NW	17	18	17	14	9		
09 005 15		1021.9	W	04	22	21	18	9		
10 002 01	F	1022.3	W	11	17	17	15	10		
11 008 06	S-F	1017.0	SE	05	21	21	19	10		
12 006 04	F	1013.5	N	06	16	16	14	7		

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NMT
OCTOBER 1961 0200 MST

01 010 01	S-F	1024.8	E	03	03	03	00	10		
02 100 10		1022.4	C	00	02	02	01	6		
03 100 01	F BS	1015.0	NNW	20	-02	-02	-06	6		
04 UNL 03		1008.0	N	23	-04	-04	-08	4		
05 UNL 08		1006.2	N	06	-03	-03	-09	2		
06 011 04	S-F	1002.1	NW	11	-03	-03	-07	10		
07 050 09	F	1004.1	C	00	-02	-02	-06	8		
08 UNL 10		1011.3	E	18	00	00	-02	0		
09 045 03	S-F	1012.2	E	17	07	07	04	10		
10 020 01	1/25-F	1007.1	N	06	04	04	01	10		
11 UNL 10		1007.4	E	08	-14	-14	-20	0		
12 UNL 12		1007.6	S	08	-14	-14	-20	0		
13 UNL 03	IC F	1007.7	SE	09	-09	-09	-14	0		
14 UNL 08	IC F	1004.7	E	10	-05	-05	-09	1		
15 UNL 04	IC F	1016.4	NW	08	-12	-12	-18	2		
16 020 02	S-F	1016.5	WSW	12	-15	-15	-18	10		
17 UNL 10		1013.1	C	00	-12	-12	-15	2		
18 UNL 15		1016.2	C	00	-22	-22	-29	0		
19 030 05	S-F	1017.5	C	00	-21	-21	-26	8		
20 030 05	IC F	1021.4	W	09	-15	-15	-20	10		
21 UNL 10		1015.8	NE	04	-02	-02	-06	2		
22 200 04	IC F	1015.9	C	00	-13	-13	-18	10		
23 UNL 10		1013.4	C	00	-20	-21	-30	2		
24 020 08		1009.9	N	15	03	03	-02	10		
25 UNL 10		1008.5	C	00	-13	-13	-21	4		
26 070 05	F	1010.0	NNW	04	-02	-02	-05	10		
27 025 02	S-F	1019.7	SE	06	04	04	01	10		
28 070 04	F BS	1016.0	SSE	22	10	10	07	10		
29 015 03	F BS	1008.0	SE	14	17	17	14	10		
30 050 03	S-F	1019.3	S	04	09	09	06	10		
31 070 03	S-	1016.5	E	12	13	13	11	10		
AVG		1012.5		08	-04	-04	-08	06		

ISACHSEN NMT
OCTOBER 1961 0500 MST

01 009 02	S-F	1024.3	NE	02	04	04	01	10		
02 UNL 10		1022.1	C	00	-02	-02	-06	1		
03 050 01	F	1014.2	NNW	15	-01	-01	-05	9		
04 070 03	F	1007.9	N	23	-05	-05	-09	6		
05 100 10		1005.4	N	06	-04	-04	-08	6		
06 010 04	F	1001.1	N	10	-01	-01	-05	10		
07 050 05	F	1005.8	C	00	-01	-01	-05	10		
08 080 10		1011.9	E	20	02	02	-01	7		
09 050 04	S-F	1012.2	NE	05	08	08	04	10		
10 020 01	1/25-F	1006.6	N	12	05	05	02	10		
11 UNL 10		1017.2	WSW	09	-10	-10	-17	1		
12 UNL 02	IC F	1008.2	SSE	05	-13	-13	-18	2		
13 UNL 03	IC F	1007.5	E	08	-13	-13	-19	1		
14 015 02	S-F	1004.9	E	08	-02	-02	-06	10		
15 UNL 01	IC F	1017.2	WSW	08	-15	-15	-20	4		
16 020 02	S-F	1015.6	WSW	08	-12	-12	-17	10		
17 UNL 10		1016.1	C	00	-22	-22	-27	2		
18 UNL 15		1017.9	C	00	-18	-18	-23	9		
19 030 03	S-F	1021.8	SW	07	-16	-16	-21	3		
20 UNL 10		1014.9	N	04	-04	-04	-08	2		
21 UNL 10		1014.3	C	00	-16	-16	-21	2		
22 UNL 08	IC	1014.3	C	00	-16	-16	-21	2		
23 UNL 15		1013.2	C	00	-20	-21	-30	2		
24 010 03	F	1016.4	NNE	09	03	03	03	10		
25 060 04	S-F	1007.5	C	00	-12	-12	-21	9		
26 065 07	F	1011.1	C	00	-02	-02	-07	10		
27 020 04	F	1015.8	SE	18	04	04	00	10		
28 070 04	F	1016.0	SE	15	11	11	08	10		
29 010 01	S-BS	1007.1	SSE	30	21	20	18	10		
30 030 03	IC F	1020.6	SE	08	05	05	03	10		
31 070 03	S-F	1015.8	NE	08	13	13	11	10		
AVG		1012.5		08	-04	-04	-09	07		

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NMT
OCTOBER 1961 0800 MST

01 008 01	1/25-F	1023.8	E	04	05	05	02	10		
02 UNL 15		1021.7	C	00	-06	-06	-10	0		
03 080 01	1/2F	1013.2	NNW	16	01	01	-03	9		
04 200 03	F	1007.2	N	20	-05	-05	-09	8		
05 030 10		1005.6	NNE	10	02	02	-02	10		
06 010 03	F	999.8	N	13	-05	-05	-09	10		
07 UNL 10		1007.1	E	04	-01	-01	-05	1		
08 100 10		1012.5	E	21	00	00	-04	6		
09 013 03	S-F	1011.5	NNW	06	06	06	03	10		
10 015 01	S-F	1006.9	NNE	06	04	04	01	10		
11 UNL 06	F	1007.5	E	11	-11	-11	-17	3		
12 UNL 01	1/21C F	1008.5	SSE	12	-11	-11	-16	2		
13 UNL 04	F	1006.8	S	04	-07	-07	-11	4		
14 020 02	S-F	1005.4	NE	11	-03	-03	-07	10		
15 120 01	IC F	1017.4	SW	01	-18	-18	-23	8		
16 020 01	1/25-F	1014.8	WSW	05	-11	-11	-16	10		
17 UNL 10		1017.1	E	05	-19	-19	-24	1		
18 UNL 01	1/2F	1016.0	C	00	-29	-29	-33	4		
19 080 02	S-F	1018.1	SW	03	-14	-14	-19	7		
20 UNL 10		1022.2	W	03	-22	-22	-27	2		
21 UNL 01	IC	1014.0	NNW	08	-06	-06	-10	4		
22 UNL 08	F	1014.1	C	00	-12	-12	-17	1		
23 UNL 10		1012.2	N	17	-02	-02	-03	3		
24 010 04	F	1010.3	N	11	03	03	-10	10		
25 060 08		1006.4	C	00	-02	-02	-06	9		
26 065 07	F	1011.6	C	00	-02	-02	-06	10		
27 015 01	F	1015.6	SE	16	03	03	00	10		
28 120 08		1015.3	SE	12	10	09	06	10		
29 065 02	S-	1008.1	S	20	14	14	10	10		
30 UNL 03	IC F	1021.1	NNW	04	00	00	-04	6		
31 070 03	S-F	1015.4	E	07	12	12	10	10		
AVG		1012.4		08	-04	-04	-09	07		

ISACHSEN NMT
OCTOBER 1961 1100 MST

01 020 01	1/25-F	1023.5	E	06	06	06	02	10		
02 UNL 15		1020.9	C	00	-03	-03	-07	0		
03 070 00	3/4F BS	1011.3	N	18	03	03	00	9		
04 UNL 01	1/2F	1007.3	N	24	-09	-09	-13	5		
05 010 08		1005.6	NW	04	-02	-02	-06	9		
06 015 08		999.2	N	11	-05	-05	-09	9		
07 UNL 15		1008.7	E	15	-07	-07	-11	1		
08 100 10		1012.7	E	20	01	01	-03	8		
09 015 04	F	1010.8	NNW	06	05	05	02	10		
10 020 05	S-F	1006.9	NNE	12	09	09	05	9		
11 UNL 10		1012.4	E	03	-10	-10	-16	6		
12 UNL 03	F	1009.0	S	10	-12	-12	-18	3		
13 UNL 10		1006.1	E	10	-10	-10	-14	7		
14 050 04	F	1006.6	NE	08	-02	-02	-06	9		
15 150 01	IF	1017.7	W	15	-17	-17	-22	9		
16 080 01	S-F	1014.1	W	03	-08	-08	-12	10		
17 UNL 12		1015.5	E	01	-18	-18	-25	9		
18 004 00	3/8F	1016.2	C	00	-26	-26	-32	10		
19 120 00	3/4S-F	1017.8	W	15	-07	-07	-11	10		
20 UNL 15		1021.8	NW	01	-22	-22	-29	1		
21 UNL 15		1013.4	NW	13	-06	-06	-11	1		
22 UNL 10		1014.1	C	00	-20	-20	-25	1		
23 070 00	1/2F	1012.0	E	00	-05	-05	-09	10		
24 010 03	S-F	1010.4	C	00	01	01	-01	10		
25 060 08		1005.4	C	00	-01	-01	-05	9		
26 025 07	F	1012.5	C	00	-01	-01	-05	10		
27 015 01	F	1015.3	SE	28	01	01	02	10		
28 UNL 08		1014.9	E	09	05	05	02	5		
29 012 01	S-F	1010.5	S	22	08	08	04	10		
30 065 01	F	1021.5	E	01	08	08	05	10		
31 010 00	3/4S-F	1015.4	E	08	12	12	10	10		
AVG		1012.4		09	-04	-04	-09	07		

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NMT
OCTOBER 1961 1400 MST

01 020 01	3/4S-F	1023.3	E	07	07	07	04	10		
02 UNL 15		1020.3	C	00	-12	-12	-17	1		
03 070 00	3/4F BS	1010.4	N	25	02	02	-01	9		
04 180 08		1007.3	N	16	-03	-03	-07	9		
05 013 10		1005.6	N	04	-02	-02	-06	10		
06 050 15		999.4	N	07	-04	-04	-08	6		
07 015 10		1009.7	E	12	-03	-03	-07	7		
08 080 10		1012.7	E	18	06	06	03	9		
09 015 04	F	1010.1	NW	06	06	06	03	10		

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Calling (100% ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NMT
NOVEMBER 1961 0200 MST

01 025 02	S-F	1017.9 E	03 12 12 09 10
02 030 01	F	1023.8 N	10 -11 -10 -13 9
03 030 02	SG-F	1023.9 C	00 -19 -19 -29 10
04 030 02	S-F	1018.4 C	00 -05 -05 -09 10
05 UNL 08	IC	1014.2 C	00 -26 -26 -36 0
06 040 07		1012.2 N	12 -22 -22 -24 8
07 UNL 07	IC	1014.7 C	00 -34 -34 -40 0
08 UNL 10	IC	1012.3 C	00 -31 -31 -35 0
09 UNL 10	IC	1008.3 E	06 -24 -24 -32 0
10 UNL 08		1006.4 E	07 -24 -24 -28 2
11 UNL 10		1010.1 C	00 -40 0 0
12 UNL 08		1014.0 C	00 -36 0 0
13 UNL 10	IC	1006.4 C	00 -22 -22 -26 0
14 UNL 07	IC	1002.9 SW	03 -24 -23 -26 0
15 020 03	F	998.9 S	16 -19 -18 -20 8
16 020 03	F	1002.0 SW	18 07 07 04 6
17 020 01	F	996.9 SE	23 01 01 -03 10
18 025 02	F	995.9 C	00 02 02 -01 10
19 UNL 10		1006.8 N	15 -25 -25 -31 0
20 020 04	F	1005.9 N	06 -21 -21 -23 10
21 UNL 10		1016.1 C	00 -40 0 0
22 015 01	F	1017.1 SE	18 -13 -14 -19 10
23 UNL 10		1025.3 SSW	18 -19 -19 -26 0
24 040 04		1024.8 SSE	08 -15 -15 -21 2
25 040 10		1023.5 S	12 -02 -02 -05 9
26 020 01	BS	1020.3 ESE	20 -01 -01 -05 10
27 080 07		1020.2 NE	10 -08 -08 -12 10
28 050 07		1032.0 W	10 -17 -17 -22 8
29 010 03	3/4S-	1035.6 S	24 -09 -09 -13 10
30 UNL 07		1038.3 S	12 -13 -13 -18 1

AVG 1014.8 08 -17 -17 -21 05

ISACHSEN NMT
NOVEMBER 1961 0500 MST

01 025 02	S-F	1018.8 C	00 12 12 09 10
02 030 01	F	1023.4 N	10 -03 -03 -07 10
03 030 02	SG-F	1023.3 C	00 -16 -16 -22 10
04 030 02	S-F	1017.7 SW	06 -11 -11 -16 10
05 UNL 08	IC	1014.1 N	04 -28 -28 -39 0
06 030 00	1/2BS	1012.3 N	10 -25 -25 -29 8
07 UNL 08	IC	1014.5 C	08 -35 -35 -41 9
08 UNL 10	IC	1012.1 C	00 -31 -31 -37 0
09 UNL 10	IC	1007.7 ENE	05 -25 -26 -33 0
10 UNL 05	F	1006.4 E	03 -23 -25 -29 2
11 UNL 10		1009.3 C	00 -42 0 0
12 UNL 08		1013.5 E	02 -30 -30 -34 0
13 UNL 10		1006.1 E	06 -19 -19 -23 0
14 UNL 04	F	1003.8 C	00 -28 -27 -28 0
15 020 00	1/2BS	997.4 S	22 -16 -16 -21 10
16 UNL 03	F	1002.8 S	24 -02 -02 -05 0
17 020 01	F	995.2 SE	20 03 03 00 10
18 025 02	S-F	997.3 C	00 01 01 -03 9
19 UNL 10		1007.5 N	15 -26 -26 -32 0
20 UNL 04	F	1006.0 C	06 -25 -25 -29 2
21 UNL 10		1017.7 C	00 -37 0 0
22 UNL 02	F	1016.9 SSE	20 -15 -15 -23 10
23 UNL 10		1026.6 SSW	15 -18 -18 -23 0
24 065 07		1023.7 SE	20 -12 -12 -17 9
25 UNL 10		1023.8 SSW	12 00 -04 -2
26 015 01	S-F	1019.0 E	08 -02 -02 -06 10
27 000 00	1/2F	1023.0 C	00 -09 -09 -13 10
28 UNL 07		1031.6 WSW	11 -21 -21 -26 4
29 020 03	F	1033.7 S	24 -09 -09 -13 7
30 UNL 07		1038.2 S	13 -12 -12 -17 3

AVG 1014.7 09 -17 -17 -21 05

Date	Calling (100% ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NMT
NOVEMBER 1961 0800 MST

01 030 02	S-F	1019.8 C	00 10 09 06 10
02 030 00	3/4F	1023.2 N	09 -05 -05 -07 10
03 030 01	SG-F	1023.2 C	00 -15 -15 -20 10
04 030 02	S-F	1017.1 SW	05 -12 -12 -17 10
05 UNL 08		1013.2 C	00 -28 -28 -39 1
06 UNL 01		1012.7 C	00 -28 -28 -30 2
07 UNL 10	IC	1013.9 C	00 -36 1 0
08 UNL 04	IC F	1011.6 C	00 -28 -28 -34 2
09 UNL 08	IC	1006.8 E	08 -26 -26 -34 3
10 UNL 08		1006.7 ESE	04 -28 -28 -34 2
11 UNL 04	F	1011.6 C	00 -43 0 0
12 UNL 10		1012.5 C	00 -29 -29 -35 0
13 UNL 07		1002.4 C	07 -14 -14 -18 4
14 020 07	S-	1004.2 C	00 -30 -30 -34 7
15 020 00	1/2BS	996.1 S	30 -11 -11 -15 10
16 UNL 05	F	1002.8 S	15 -03 -03 -07 1
17 020 01	F	994.7 SE	18 03 03 00 10
18 025 02	F	999.0 N	03 00 00 -04 8
19 UNL 01	S-F	1007.5 N	05 -24 -24 -30 4
20 UNL 04	F	1008.5 N	09 -28 -28 -34 2
21 UNL 10		1018.2 C	00 -36 0 0
22 030 02	F	1017.0 SSE	25 -10 -10 -17 10
23 UNL 10		1027.9 SE	10 -18 -18 -23 0
24 040 04		1023.5 SE	15 -10 -10 -16 10
25 020 07	S-F	1024.0 E	07 -23 -23 -27 10
26 015 01	S-F	1017.3 E	08 -02 -02 -06 10
27 UNL 00	3/4F	1024.3 N	05 -09 -09 -13 9
28 020 07		1031.6 C	00 -16 -16 -21 8
29 020 00	1/2BS	1034.0 S	32 -08 -08 -12 9
30 UNL 07		1038.0 S	14 -12 -12 -17 0

AVG 1014.8 08 -16 -16 -21 05

ISACHSEN NMT
NOVEMBER 1961 1100 MST

01 020 07		1021.1 C	00 00 00 -06 9
02 UNL 01	1/2F	1023.2 N	10 -12 -12 -12 3
03 004 00	3/4F	1022.7 C	00 -13 -13 -18 10
04 030 05	F	1016.4 SW	03 -17 -17 -26 6
05 UNL 01	F	1013.2 C	00 -29 -29 -33 5
06 UNL 01	IC F	1013.3 N	03 -26 -27 -34 5
07 UNL 10	IC	1013.8 C	00 -35 -35 -45 3
08 UNL 07		1011.2 E	07 -25 -25 -29 2
09 020 08		1006.1 E	10 -25 -24 -27 8
10 020 08		1007.2 SE	05 -28 -28 -34 7
11 UNL 04	F	1011.7 SE	02 -40 0 0
12 UNL 10		1012.0 C	00 -25 -25 -31 0
13 020 04	F	1000.7 E	04 -11 -11 -17 9
14 020 01	1/2S-F	1005.2 C	00 -32 -32 -40 0
15 020 00	1/2S-BS	994.9 S	20 -05 -05 -08 10
16 UNL 01	F	1002.4 SSE	15 -01 -01 -04 3
17 012 00	3/4S-	994.0 SE	17 03 03 -02 10
18 020 01	S-F	1000.3 N	17 -02 -02 -07 10
19 020 01	F	1007.1 NE	08 -25 -25 -31 8
20 UNL 07	F	1007.5 C	00 -30 -30 -34 0
21 UNL 10		1019.1 SE	03 -33 -33 -39 0
22 UNL 07		1018.2 SE	14 -11 -11 -16 6
23 UNL 10		1027.9 SE	10 -17 -17 -22 2
24 040 04		1022.7 SSE	27 -07 -07 -11 10
25 015 07	S-	1024.5 S	13 06 06 03 10
26 015 01	S-F	1016.1 E	15 -02 -02 -06 10
27 015 00	3/4IC F	1026.0 NW	09 -04 -06 -10 10
28 015 03	S-F	1030.7 S	16 -13 -13 -16 10
29 UNL 02	BS	1033.8 S	35 -09 -09 -13 2
30 UNL 10		1037.7 S	10 -16 -16 -25 1

AVG 1014.7 09 -16 -16 -21 06

Date	Calling (100% ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NMT
NOVEMBER 1961 1400 MST

01 UNL 08		1022.4 C	00 -01 -01 -08 4
02 UNL 01	1/2F	1024.0 N	08 -19 -18 -19 3
03 012 01	1/2S-F	1022.5 C	00 -10 -10 -15 10
04 050 10		1016.3 C	00 -22 -22 -27 6
05 010 07		1013.0 N	07 -24 -24 -30 7
06 010 02	F	1014.0 N	06 -27 -27 -38 7
07 UNL 08	IC	1013.5 C	00 -33 -33 -46 5
08 UNL 07		1011.3 E	11 -25 -25 -33 2
09 020 04	F	1006.3 E	10 -25 -25 -27 10
10 020 08		1007.9 C	00 -28 -28 -34 8
11 UNL 04	F	1013.1 S	06 -40 0 0
12 UNL 10		1021.0 E	05 -24 -24 -30 0
13 020 05	F	1000.0 C	00 -11 -11 -15 10
14 020 02	S-F	1004.7 C	00 -24 -24 -26 10
15 020 00	1/2S-BS	996.5 SW	18 05 05 02 10
16 UNL 01	1/2BS	1001.8 SSE	35 -05 -05 -08 10
17 012 00	3/4S-	993.9 SE	18 03 03 -02 10
18 020 01	S-F	1002.5 N	20 -01 -01 -04 10
19 UNL 04	F	1007.0 NE	08 -24 -23 -26 9
20 UNL 10		1009.3 W	03 -37 0 0
21 UNL 10		1019.6 C	00 -29 -29 -35 8
22 UNL 10		1019.3 S	19 -14 -14 -19 5
23 UNL 10		1027.9 SSE	20 -15 -15 -20 0
24 040 04		1023.5 E	12 -17 -17 -21 5
25 035 07	S-	1024.5 E	12 05 05 02 10
26 012 01	S-F	1015.4 E	18 -01 -01 -04 10
27 015 00	3/4F	1027.5 NW	09 -05 -05 -09 10
28 010 00	3/4BS	1031.2 S	22 -12 -12 -15 10
29 UNL 00	1/2BS	1035.6 S	37 -08 -08 -12 2
30 UNL 10		1037.7 SSE	05 -18 -18 -25 0

AVG 1015.1 10 -16 -16 -21 06

ISACHSEN NMT
NOVEMBER 1961 1700 MST

01 UNL 02	F	1023.3 C	00 -13 -13 -15 2
02 UNL 01	F	1024.0 C	00 -19 -19 -22 8
03 020 02	S-F	1021.6 C	00 -09 -09 -13 10
04 UNL 08	IC	1015.7 C	00 -21 -21 -25 1
05 001 00	1/2IF	1012.7 C	00 -22 -22 -23 10
06 UNL 02	IC	1014.4 NW	08 -29 -29 -37 3
07 UNL 08	F	1013.2 C	00 -31 -32 -44 2
08 UNL 07		1010.4 E	12 -24 -24 -32 1
09 020 04	F	1006.2 E	10 -25 -25 -31 10
10 020 08	IC	1008.1 C	00 -29 -29 -35 8
11 UNL 04	F	1014.0 S	05 -40 0 0
12 UNL 10		1009.3 C	00 -26 -26 -30 1
13 020 03	SG-F	1005.0 NW	09 -12 -14 -17 6
14 UNL 05	IC F	1002.4 ESE	02 -23 -23 -27 2
15 012 00	1/2S	997.6 SW	12 05 05 02 10
16 UNL 00	1/4BS	1000.1 SSE	40 -05 -05 -11 0
17 015 01	S-F	993.6 SE	12 03 03 00 10
18 070 03	F	1003.9 N	18 -11 -11 -17 10
19 015 02	F	1006.6 N	12 -23 -23 -25 10
20 UNL 10		1011.2 C	00 -42 0 0
21 UNL 02	IC F	1019.4 SE	03 -23 -23 -29 10
22 UNL 10		1020.8 S	16 -18 -18 -23 0
23 UNL 10		1027.2 SE	14 -15 -15 -20 10
24 040 10		1023.5 E	08 -04 -04 -08 10
25 030 07		1025.5 SSE	17 05 05 02 10
26 080 07		1015.8 ENE	16 -10 -10 -15 6
27 050 07		1028.9 NW	07 -06 -06 -09 10
28 010 00	1/2S	1032.0 S	20 -07 -07 -10 10
29 UNL 07		1037.6 S	17 -09 -09 -13 1
30 UNL 10		1036.8 C	00 -18 -18 -25 0

AVG 1015.1 08 -17 -17 -21 05

Date	Calling (100% ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NMT
NOVEMBER 1961 2000 MST

01 003 00	3/4F	1023.7 C	00 -09 -08 -09 10
02 030 02	SG-F	1023.8 C	00 -17 -17 -20 10
03 020 02	S-F	1020.7 C	00 -06 -07 -14 10
04 UNL 08	IC	1019.1 C	00 -28 -28 -30 1
05 050 07		1010.8 NNE	05 -19 -19 -22 10
06 UNL 02	F	1014.4 N	04 -29 -29 -37 5
07 UNL 08		1012.5 S	00 -30 -30 -34 2
08 UNL 07	IC	1009.8 E	07 -23 -23 -30 2
09 020 04	F	1005.7 E	11 -23 -23 -30 10
10 UNL 08		1008.1 C	00 -32 -32 -33 2
11 UNL 04	F	1014.5 C	00 -39 0 0
12 UNL 10		1008.6 C	00 -27 -27 -33 0
13 020 05	SG-F	1000.9 WSW	02 -18 -18 -21 6
14 UNL 05	F	1001.7 SSE	10 -23 -23 -27 2
15 020 01	S-F	998.7 SW	10 10 10 07 10
16 UNL 01	BS	999.7 SE	25 00 00 -04 4
17 025 02	F	994.0 SE	08 03 03 00 10
18 UNL 10		1004.9 N	

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Calling (100% h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heav)
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ISACHSEN NMT
DECEMBER 1961 0200 MST

01 000 00	1/4F			1034.9 C	00-15	-15	-20	10		
02 UNL 10				1022.4 SE	19-08	-08	-12	0		
03 UNL 10				1014.2 NE	20	00	-03	0		
04 UNL 10				1012.3 E	20	-10	-17	1		
05 030 03	BS			1009.8 E	25	-04	-04	-10	10	
06 UNL 10				1012.1 SE	03	-19	-19	-27	5	
07 UNL 10				1020.2 C	00	-35	-35	-41	0	
08 UNL 10				1033.8 W	12	-23	-23	-29	2	
09 UNL 07				1037.6 SSW	16	-23	-23	-29	7	
10 UNL 10				1032.3 WSW	04	-42			0	
11 UNL 10				1035.2 C	00	-45			0	
12 UNL 01	1/2F			1027.0 W	05	-29	-29	-33	0	
13 030 03	F			1006.2 SE	20	-20	-20	-23	10	
14 030 00	1/4BS			990.7 SE	27	-20	-20	-25	6	
15 UNL 15				1000.3 N	11	-31	-31	-37	0	
16 UNL 15				1006.6 S	09	-30	-30	-36	0	
17 UNL 15				1000.9 N	11	-32	-32	-38	5	
18 UNL 15				1029.2 E	07	-36			0	
19 UNL 15				1029.6 ENE	12	-27	-27	-35	0	
20 040 04	SG-			1015.4 E	08	-22	-22	-27	10	
21 UNL 15				1020.9 SE	08	-35	-35	-45	4	
22 UNL 15				1016.4 S	00	-35			2	
23 UNL 05	F			1030.3 S	14	-40			10	
24 UNL 15				1030.7 C	00	-40			0	
25 UNL 15				1033.6 C	00	-42			0	
26 200 15				1032.3 E	10	-25	-25	-31	10	
27 080 10				1019.6 E	20	-15	-15	-20	6	
28 UNL 10				1016.0 C	00	-35	-35	-41	0	
29 020 05	S-F			1013.0 C	00	-41			0	
30 UNL 15				1008.4 N	12	-40			0	
31 030 01	BS			985.8 N	40	-21	-21	-26	10	
AVG				1019.0	11	-27			04	

ISACHSEN NMT
DECEMBER 1961 0500 MST

01 UNL 00	1/4F			1033.1 C	00	-15	-15	-20	9	
02 UNL 10				1022.8 S	20	-08	-08	-12	4	
03 030 10				1012.0 NE	20	-01	-01	-04	6	
04 UNL 10				1011.7 ENE	20	-08	-08	-14	1	
05 030 05	BS			1009.0 ENE	32	-02	-02	-07	10	
06 050 10				1013.4 SE	15	-20	-20	-27	9	
07 UNL 10				1022.9 C	00	-40			0	
08 UNL 10				1036.1 SW	12	-25	-25	-33	7	
09 UNL 07	SG-			1036.4 S	09	-24	-24	-30	7	
10 UNL 10				1032.8 C	00	-44			0	
11 UNL 10				1035.2 C	00	-45			0	
12 UNL 01	1/2F			1025.9 C	00	-25	-25	-29	0	
13 030 00	3/8BS			1001.8 SSE	30	-17	-17	-22	10	
14 UNL 00	1/4BS			991.0 ESE	23	-21	-21	-23	0	
15 UNL 15				1002.3 NE	02	-27	-26	-31	0	
16 UNL 15				1005.6 N	23	-30	-30	-36	0	
17 UNL 15				1004.2 E	09	-32	-32	-38	0	
18 UNL 15				1031.2 E	16	-39			0	
19 UNL 15				1028.5 NE	10	-25	-25	-33	3	
20 UNL 10				1015.3 E	11	-18	-18	-25	5	
21 030 03	BS			1022.0 SE	27	-30	-30	-39	10	
22 UNL 15				1029.5 SSW	10	-39			2	
23 120 05	F			1030.3 SSW	12	-39			10	
24 UNL 15				1030.3 C	00	-40			0	
25 UNL 15				1034.2 C	00	-42			0	
26 200 15				1030.4 C	00	-30	-30	-36	10	
27 UNL 15				1019.9 SE	04	-22	-22	-27	3	
28 UNL 15				1013.9 C	00	-37			0	
29 020 07				1013.0 SE	10	-40			4	
30 030 15				1005.9 N	21	-35	-35	-41	8	
31 000 00	BS			985.9 N	60	-20	-20	-25	10	
AVG				1018.8	13	-27			04	

ISACHSEN NMT
DECEMBER 1961 0800 MST

01 UNL 07				1031.4 C	00	-16	-16	-21	0	
02 UNL 10				1023.1 SSE	17	-09	-09	-13	0	
03 UNL 10				1011.0 E	09	-11	-11	-15	4	
04 050 10				1011.0 ENE	22	-03	-03	-08	9	
05 050 05	BS			1008.2 ENE	27	-01	-01	-07	10	
06 UNL 10				1013.9 SE	12	-21	-21	-28	5	
07 UNL 10	IC			1024.2 C	00	-40			8	
08 UNL 10				1037.3 C	00	-26	-26	-34	0	
09 UNL 07	SG-			1034.6 S	10	-24	-24	-30	7	
10 UNL 10				1035.4 C	00	-45			0	
11 UNL 10	IC			1033.6 C	00	-44			0	
12 UNL 07	IC			1023.5 C	00	-36			0	
13 030 00	3/8BS			998.6 SE	25	-16	-16	-20	10	
14 UNL 07				990.8 E	18	-25	-25	-29	0	
15 UNL 15				1003.8 N	09	-24	-24	-28	0	
16 UNL 15				1004.6 NNW	23	-31	-31	-35	5	
17 UNL 15				1008.0 E	12	-36			0	
18 UNL 15				1032.2 E	13	-39			0	
19 UNL 15				1026.8 SSW	02	-22	-22	-31	8	
20 UNL 15				1015.3 E	10	-20	-20	-27	3	
21 030 04	BS			1022.1 SE	22	-29	-29	-37	10	
22 UNL 10				1030.4 S	15	-37			9	
23 120 05	F			1030.5 S	10	-39			10	
24 UNL 15				1029.1 C	00	-39			0	
25 UNL 15				1033.6 C	00	-45			0	
26 080 15				1028.7 WSW	09	-25	-25	-31	10	
27 UNL 15				1020.5 E	08	-27	-27	-33	0	
28 UNL 15				1012.8 C	00	-35	-35	-41	0	
29 020 07				1013.1 S	12	-40			8	
30 UNL 15				1002.0 N	34	-34	-34	-40	4	
31 000 00	BS			981.8 N	65	-18	-18	-23	10	
AVG				1018.4	12	-28			04	

ISACHSEN NMT
DECEMBER 1961 1100 MST

01 UNL 10				1028.9 C	00	-15	-15	-19	0	
02 UNL 10				1023.1 SSE	20	-11	-11	-17	1	
03 030 10				1009.4 E	22	-03	-03	-06	7	
04 UNL 10				1010.3 E	20	-04	-04	-08	4	
05 030 08				1007.7 ENE	16	00	00	-04	10	
06 UNL 10				1014.4 E	10	-24	-24	-30	1	
07 080 04	S-			1024.6 S	18	-30	-30	-36	10	
08 UNL 10	IC			1038.4 C	00	-28	-28	-34	1	
09 UNL 10				1032.8 S	08	-27	-27	-33	0	
10 UNL 10				1034.2 C	00	-45			0	
11 UNL 10				1037.3 C	00	-47			-37	0
12 UNL 07				1021.3 C	00	-38			4	
13 030 00	1/4BS			996.7 ESE	30	-16	-16	-20	10	
14 UNL 10				991.3 S	15	-26	-25	-30	1	
15 UNL 15				1005.2 N	01	-27	-27	-33	0	
16 UNL 00	1/4BS			1002.4 N	32	-30	-30	-36	0	
17 UNL 15				1012.2 E	14	-36			3	
18 UNL 15				1032.6 E	19	-32	-32	-38	0	
19 UNL 15				1024.7 N	10	-22	-22	-27	6	
20 UNL 15				1016.7 S	15	-23	-23	-29	4	
21 030 02	F			1023.2 S	14	-28	-28	-34	10	
22 UNL 15				1030.9 S	03	-36			3	
23 UNL 08				1030.5 SSW	19	-36			2	
24 UNL 15				1029.1 C	00	-45			3	
25 UNL 06	F			1036.4 C	00	-45			2	
26 UNL 15				1026.9 E	11	-27	-27	-33	3	
27 UNL 15				1020.7 SSE	12	-31	-31	-37	0	
28 UNL 15				1012.2 C	00	-40			4	
29 UNL 15				1013.3 SSE	12	-40			1	
30 020 08				998.7 N	17	-29	-29	-35	6	
31 000 00	BS			979.9 N	75	-19	-19	-20	10	
AVG				1018.1	18	-27			03	

ISACHSEN NMT
DECEMBER 1961 1400 MST

01 UNL 10				1026.5 E	03	-15	-15	-21	0	
02 UNL 10				1023.1 E	15	-12	-12	-17	1	
03 030 10				1009.1 E	22	00	00	-03	7	
04 UNL 10				1010.7 E	12	-12	-12	-15	1	
05 050 08				1007.1 E	19	01	01	-03	10	
06 030 10	S-			1014.4 E	06	-23	-23	-27	9	
07 080 04	S-			1026.8 SW	11	-27	-27	-33	10	
08 UNL 10				1039.5 S	08	-27	-27	-33	0	
09 UNL 10	IC			1032.0 SW	09	-26	-26	-30	0	
10 UNL 10				1033.7 C	00	-45			0	
11 UNL 02	IF			1031.8 N	08	-30	-30	-32	0	
12 UNL 07				1019.6 C	00	-35	-35	-41	4	
13 030 00	1/8BS			995.0 ESE	30	-16	-16	-20	10	
14 UNL 10				991.2 E	20	-24	-24	-26	3	
15 UNL 15				1005.8 N	22	-32	-32	-38	0	
16 UNL 00	1/8BS			1001.3 N	42	-30	-30	-36	0	
17 UNL 15				1016.7 E	14	-34	-34	-40	0	
18 UNL 15				1032.9 E	19	-31	-31	-37	0	
19 UNL 15				1022.7 N	19	-28	-28	-36	0	
20 060 02	BS			1017.9 SSE	23	-27	-27	-33	10	
21										

SYNOPTIC OBSERVATIONS

MOULD BAY

Date	Calling (100's hz)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
JULY 1961 0200 MST

01 080 07				1009.6 W	23	34	32	31	10	
02 003 04	S-F			999.3 SW	12	32	32	31	10	
03 050 07				999.7 S	13	33	32	31	10	
04 060 06	R-			1002.6 E	10	45	44	43	10	
05 005 15				1005.7 SW	04	36	35	35	10	
06 250 15				1018.0 NNW	09	38	35	32	9	
07 020 15				1014.2 S	06	38	36	33	10	
08 004 07	R-			1005.9 SSW	23	35	34	34	10	
09 004 03	SW-			1009.7 WSW	21	32	32	32	9	
10 007 07				1009.9 W	27	32	32	31	10	
11 004 10				1013.7 WNW	10	33	32	30	9	
12 080 15				1005.7 SW	20	38	35	31	9	
13 003 10				1001.4 WNW	13	34	33	32	10	
14 004 04	F			1005.3 NW	12	32	32	31	6	
15 007 10				1003.7 WNW	15	33	32	31	10	
16 020 10				1008.1 SW	12	32	31	31	10	
17 002 07	R-S-			1002.6 C	00	34	33	33	10	
18 007 07				1004.9 WSW	17	34	32	30	9	
19 UNL 15				1003.9 NNE	07	39	31	17	2	
20 006 10				1000.6 NNW	21	36	35	33	9	
21 004 10				1006.3 WNW	21	33	32	30	9	
22 080 07	R-			1005.5 E	26	38	36	32	9	
23 000 10				1018.5 NW	20	32	31	30	9	
24 UNL 15				1021.9 S	13	34	33	31	3	
25 UNL 15				1023.6 S	14	37	34	31	4	
26 002 03	R-F			1017.1 S	20	39	38	38	10	
27 008 08				1021.8 W	20	33	32	29	10	
28 UNL 15				1029.7 WSW	07	34	32	31	2	
29 UNL 15				1022.6 C	00	40	36	30	2	
30 100 15				1012.5 SE	03	43	39	34	9	
31 005 06	R-			1003.6 C	00	35	35	35	10	
AVG				1009.7	14	35	34	32	08	

MOULD BAY NWT
JULY 1961 0500 MST

01 008 07				1007.6 WSW	23	32	31	30	10	
02 007 04	S-F			998.6 SSW	12	32	32	31	10	
03 090 08				1000.4 S	08	34	33	33	8	
04 090 08				1002.7 C	00	45	44	42	9	
05 006 10				1007.7 W	08	36	35	34	10	
06 080 15				1018.5 NW	13	38	36	32	9	
07 110 08	L-			1013.0 SSW	06	36	35	33	10	
08 008 08				1007.0 W	18	34	34	33	10	
09 005 07				1009.4 SSW	15	33	33	32	10	
10 008 07				1010.4 W	17	33	32	32	10	
11 080 08				1014.3 W	08	33	32	31	10	
12 UNL 15				1004.3 S	18	37	35	33	6	
13 100 10				1001.8 WNW	10	35	34	31	8	
14 007 08				1004.9 NW	15	33	32	30	10	
15 010 08				1003.8 W	13	32	32	31	10	
16 018 08				1005.8 SSW	10	31	31	30	10	
17 010 07	L/F			1003.1 S	04	34	34	33	10	
18 010 07	SW-			1009.7 WSW	12	32	31	29	7	
19 UNL 15				1003.3 NE	15	40	37	33	6	
20 180 10				1001.1 NNW	25	34	32	31	8	
21 005 10				1007.5 W	14	32	31	30	10	
22 004 03	L-F			1004.5 SE	18	39	38	37	10	
23 008 10				1013.7 SSW	20	32	31	30	9	
24 UNL 15				1022.7 SSW	08	34	32	29	5	
25 UNL 15				1001.6 C	13	38	35	32	3	
26 040 07	R-			1014.2 S	22	39	38	36	10	
27 003 05	F			1023.6 WNW	20	33	32	31	9	
28 UNL 15				1029.4 W	08	33	32	29	2	
29 UNL 15				1021.5 W	07	36	34	31	2	
30 160 15				1010.0 SE	06	41	38	34	9	
31 008 07	R-			1003.4 S	05	38	38	37	10	
AVG				1009.6	12	35	34	32	08	

Date	Calling (100's hz)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
JULY 1961 0800 MST

01 007 04	S-F			1005.8 SW	20	32	31	31	10	
02 007 05	R-S-F			998.3 SW	15	33	32	32	10	
03 080 08				1001.2 S	06	36	35	33	10	
04 024 10				1002.3 C	00	40	40	39	9	
05 008 10				1009.8 W	20	33	33	32	7	
06 090 15				1018.7 C	00	37	36	33	8	
07 090 15				1012.0 S	11	38	36	34	10	
08 007 07				1008.7 SW	10	33	32	31	10	
09 070 07				1009.2 WSW	21	33	31	30	8	
10 006 05	S-			1010.9 W	22	31	31	30	10	
11 090 10				1014.0 WSW	08	36	34	32	10	
12 UNL 15				1002.8 S	22	39	38	36	5	
13 008 10				1002.3 W	06	33	32	30	9	
14 006 08	F			1004.5 NW	14	34	33	31	9	
15 007 04				1004.1 W	12	33	33	32	10	
16 012 10				1005.0 S	14	31	31	30	10	
17 009 10				1003.4 W	04	35	34	33	10	
18 010 10	RW-			1005.6 SW	07	33	33	32	7	
19 UNL 15				1002.5 NE	18	42	39	35	6	
20 200 15				1001.0 NNW	22	35	33	30	8	
21 080 10				1008.2 W	10	35	33	31	9	
22 005 08	L-F			1009.1 SSW	15	34	33	33	10	
23 007 10				1014.8 SW	13	34	33	33	9	
24 250 15				1023.4 S	04	37	34	30	8	
25 UNL 15				1021.8 S	18	41	37	32	3	
26 030 07	R-			1012.5 S	27	38	38	37	10	
27 006 06	S-F			1025.1 WNW	21	33	32	30	1	
28 UNL 15				1028.7 WSW	15	38	35	31	1	
29 UNL 15				1019.9 W	07	39	36	33	1	
30 160 15				1008.7 ESE	12	46	42	38	9	
31 007 04	R-F			1003.7 SSE	05	39	39	37	10	
AVG				1009.5	13	36	35	33	08	

MOULD BAY NWT
JULY 1961 1100 MST

01 007 04	S-F			1004.5 SW	15	32	32	31	10	
02 005 03	R-S-			998.2 SW	13	33	33	32	10	
03 005 07				1001.7 SE	07	38	37	35	10	
04 015 10				1001.5 SW	05	46	44	41	9	
05 008 08				1011.2 W	11	38	37	34	9	
06 160 15				1018.4 S	05	36	36	33	8	
07 100 15				1010.8 SE	10	38	37	35	9	
08 012 10				1009.0 WSW	17	35	34	31	8	
09 004 04	SW-F			1009.3 WSW	23	34	33	30	9	
10 070 07	S-			1011.3 W	24	34	33	33	10	
11 080 10				1013.5 SSW	11	36	35	32	10	
12 100 15				1001.5 S	25	39	37	34	9	
13 018 10				1002.3 W	08	37	35	32	7	
14 010 10				1004.0 NW	19	35	33	31	10	
15 008 07				1004.4 W	13	34	34	33	10	
16 013 10				1004.5 S	16	33	33	32	9	
17 014 10				1003.4 WSW	14	38	36	32	10	
18 010 10				1005.2 S	07	35	35	29	9	
19 035 10				1002.0 ENE	22	43	40	35	9	
20 200 15				1001.6 NW	27	35	33	30	7	
21 100 10				1008.8 W	08	36	34	31	9	
22 007 07				1006.5 SSW	27	35	34	32	9	
23 007 10				1016.3 WSW	16	35	34	31	9	
24 300 15				1023.5 WSW	09	39	37	33	9	
25 100 15				1021.3 S	18	43	39	34	8	
26 003 07				1011.5 SW	17	36	36	35	10	
27 007 07				1026.5 WNW	16	35	34	31	9	
28 UNL 15				1027.7 WNW	15	44	38	29	1	
29 120 15				1018.6 S	10	42	38	32	8	
30 160 15				1006.7 ESE	22	54	46	37	9	
31 003 02	R-F			1003.6 S	06	37	37	36	10	
AVG				1009.3	15	38	36	33	09	

Date	Calling (100's hz)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
JULY 1961 1400 MST

01 007 04	S-F			1002.7 SW	20	33	32	32	10	
02 007 02	1/2R-S-F			998.5 SSW	08	33	33	32	10	
03 007 07				1002.7 S	03	40	39	38	10	
04 080 10				1001.8 SW	03	43	41	41	10	
05 006 07				1013.5 WNW	18	40	39	37	10	
06 120 15				1018.2 S	13	39	36	33	9	
07 080 15				1009.8 S	23	40	37	34	10	
08 013 10				1009.9 SSW	15	36	34	32	8	
09 070 07	SW-			1009.5 WSW	28	35	33	31	8	
10 008 07				1011.8 WNW	18	36	35	30	9	

SYNOPTIC OBSERVATIONS

MOULD BAY

Date	Calling (1000 h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
AUGUST 1961 0200 MST

01 003 03	L-F	1003.7 S	11	35	35	34	10			
02 002 03	R-F	999.4 SE	18	39	39	38	10			
03 002 04	F	1001.2	09	35	35	34	10			
04 UNL 15		1006.4 N	13	38	36	33	3			
05 090 15		1012.2 NW	16	34	32	33	8			
06 100 15		1016.5 N	13	34	33	32	9			
07 250 10		1019.9 N	10	34	33	28	9			
08 UNL 08		1022.6 N	16	31	30	29	5			
09 005 08		1022.0 NNW	24	33	33	32	10			
10 UNL 15		1020.9 NW	24	31	30	29	2			
11 100 15		1019.2 C	00	33	32	30	8			
12 090 15		1007.8 C	00	39	36	32	9			
13 080 05	R-F	998.2 E	07	42	41	40	16			
14 003 07		1001.2 E	13	34	32	31	10			
15 004 05	S-F	1005.8 SSE	15	32	32	31	10			
16 020 10		1008.7 C	00	32	31	29	10			
17 018 15		1011.9 C	00	36	34	30	9			
18 006 10		1015.4 SSE	04	32	31	30	9			
19 002 02	F	1007.9 N	10	32	32	31	10			
20 006 07		1001.5 NW	11	26	25	23	9			
21 004 10		1008.9 NW	27	30	30	29	10			
22 012 10		1011.6 N	04	30	30	28	9			
23 006 07		1011.8 ENE	11	28	28	26	10			
24 006 02	S-F	1004.8 NNE	13	29	28	27	10			
25 004 07		1016.9 NW	17	26	25	24	8			
26 008 07		1020.6 NNW	11	26	25	23	9			
27 008 10		1022.9 N	10	26	27	26	10			
28 010 10		1027.1 N	10	25	25	22	10			
29 UNL 15		1026.8 NNW	13	19	18	15	1			
30 003 05	BS	1021.0 NNW	27	19	18	15	10			
31 008 07		1013.4 N	14	20	20	16	10			
AVG		1012.7	12	31	31	29	09			

MOULD BAY NWT
AUGUST 1961 0500 MST

01 001 01	F	1003.9 S	04	35	35	34	10			
02 080 00	1/8F	999.4 S	17	34	34	33	9			
03 002 02	F	1001.9 E	06	35	35	34	10			
04 080 15		1007.4 NW	15	43	40	36	9			
05 090 15		1013.7 NW	16	32	31	30	9			
06 100 10		1017.6 NNW	10	34	33	31	9			
07 070 15		1020.4 NNW	13	36	35	33	9			
08 100 10		1022.9 NW	11	31	30	29	9			
09 005 03	R-S-	1022.9 NW	20	34	33	31	10			
10 UNL 15		1021.6 NW	16	33	32	30	1			
11 080 15		1018.2 C	00	35	34	31	9			
12 120 15		1005.6 SE	05	38	36	34	9			
13 130 15		998.2 C	00	39	39	38	10			
14 003 05	F	1002.0 SW	10	34	33	32	16			
15 004 03	F	1005.9 SSE	13	32	31	31	10			
16 090 10		1009.4 C	00	32	31	30	10			
17 020 10		1012.7 NE	06	36	34	31	9			
18 010 15		1015.0 SE	05	33	32	31	10			
19 003 05	F	1007.0 NNW	03	30	30	29	10			
20 005 05	R-F	1004.7 NW	12	32	32	31	10			
21 009 10		1016.3 NNW	19	26	27	23	9			
22 006 10		1011.6 NE	10	30	29	28	9			
23 009 07		1012.1 ENE	10	28	27	24	10			
24 007 03	S-F	1004.5 NNE	11	30	30	28	10			
25 022 10		1018.0 NW	11	27	26	24	8			
26 008 08		1020.8 N	07	25	25	23	8			
27 008 10		1024.0 N	08	24	25	24	10			
28 080 08	SW-	1027.6 NNE	17	25	25	22	10			
29 200 15		1026.6 N	17	20	20	17	7			
30 004 07		1019.6 N	18	20	19	16	9			
31 220 07		1012.2 N	14	19	18	16	8			
AVG		1012.8	11	31	30	29	09			

Date	Calling (1000 h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
AUGUST 1961 0800 MST

01 006 03	F	1003.6 SE	12	38	37	37	10			
02 020 10		999.2 SSE	11	36	35	34	9			
03 002 05	F	1002.1 ESE	05	38	37	35	9			
04 080 15		1008.0 NW	15	42	40	38	9			
05 090 15		1013.7 NNW	10	34	33	31	9			
06 006 10		1017.7 NNW	12	35	34	33	9			
07 006 15		1020.7 N	14	36	35	33	9			
08 008 10		1022.6 NW	12	34	31	28	9			
09 005 05	S-	1022.5 NNW	24	35	33	29	9			
10 150 15		1021.4 NW	16	36	34	31	8			
11 120 15		1016.6 S	12	37	35	32	9			
12 120 15		1004.2 S	10	39	37	34	9			
13 015 15		998.4 W	04	41	40	38	9			
14 005 06	F	1002.7 NW	10	34	33	31	10			
15 005 03	F	1006.0 SSE	13	32	32	31	10			
16 090 10	S-	1009.8 C	00	34	32	30	10			
17 080 10		1023.6 C	00	34	32	30	10			
18 007 08	L-F	1014.2 S	11	34	33	33	10			
19 005 04	F	1006.8 NNW	03	30	29	29	8			
20 003 04	S-	1002.3 C	00	31	30	28	10			
21 010 08		1011.5 N	13	30	29	27	9			
22 009 10		1011.5 NE	13	30	30	28	9			
23 008 05	SW-	1011.8 E	11	28	27	25	10			
24 090 15		1005.1 NNE	19	29	28	25	6			
25 005 04	S-F	1018.7 NW	19	29	28	28	10			
26 011 10		1025.4 N	08	27	27	26	10			
27 013 10		1025.7 NNE	09	26	26	25	10			
28 UNL 10		1027.3 NNW	14	24	24	21	3			
29 UNL 03	F	1026.3 N	14	19	19	15	5			
30 008 05	S-	1018.8 N	26	21	20	18	9			
31 220 07		1011.1 N	20	18	18	14	7			
AVG		1012.7	12	32	31	29	09			

MOULD BAY NWT
AUGUST 1961 1100 MST

01 015 15		1003.6 SE	10	40	38	35	10			
02 020 10		999.2 S	13	41	40	38	9			
03 010 15	R-F	1002.5 S	09	39	38	36	9			
04 040 15		1008.5 NNW	18	41	39	34	9			
05 015 15		1014.2 N	12	37	35	33	9			
06 080 10		1017.7 NNW	12	39	37	33	9			
07 010 15		1020.9 N	13	38	36	33	9			
08 100 15		1022.3 NNW	14	34	33	31	9			
09 007 07	S-	1022.0 NNW	22	36	34	31	9			
10 UNL 15		1021.1 NW	18	40	36	31	10			
11 130 15		1015.3 S	15	41	38	33	9			
12 120 15		1002.6 S	08	42	39	36	9			
13 008 03	R-	998.8 C	00	40	39	38	10			
14 007 07	F	1005.0 N	12	34	34	33	9			
15 003 01	F	1006.4 S	11	33	32	32	10			
16 080 10	S-	1009.9 SW	02	34	32	31	9			
17 090 15		1014.4 S	08	36	34	32	9			
18 003 03	L-F	1013.3 S	14	34	34	33	10			
19 009 10		1006.6 NW	07	32	31	30	9			
20 008 10		1004.0 NW	16	30	29	26	10			
21 010 07	SW-	1011.8 N	08	30	30	28	9			
22 010 10		1011.7 NE	06	29	28	25	9			
23 013 07	SW-	1011.2 E	10	29	29	27	9			
24 080 15		1007.0 NE	13	30	29	28	9			
25 028 10		1018.9 NW	15	29	28	27	9			
26 005 05	S-	1020.2 NNW	07	28	28	27	10			
27 010 10		1024.7 NNE	10	27	27	24	10			
28 UNL 10		1027.2 NNW	15	23	22	19	2			
29 UNL 08		1025.9 NNW	13	20	20	17	5			
30 018 07		1017.8 N	22	21	20	18	10			
31 080 07		1010.4 N	18	18	18	14	7			
AVG		1012.7	12	33	32	29	09			

Date	Calling (1000 h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
AUGUST 1961 1400 MST

01 018 15		1003.1 ESE	18	41	40	38	10			
02 008 10		999.2 S	15	37	37	36	10			
03 008 07	R-	1002.6 NNW	05	39	38	37	10			
04 090 15		1009.2 NNW	27	43	38	9				
05 080 15		1015.0 N	11	42	38	33	9			
06 080 15		1017.7 NNW	12	44	40	37	9			
07 000 15		1021.4 NNE	10	40	37	32	8			
08 100 15		1022.3 NW	20	37	34	31	9			
09 012 15		1021.7 NNW	24	37	35	32	9			
10 220 15		1021.0 NW	13	41	36	33	9			
11 130 15										

SYNOPTIC OBSERVATIONS

MOULD BAY

Date	Clouds (100's %)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
SEPTEMBER 1961 0200 MST

01 008 07			1009.4 NNE	13	19	19	15	10		
02 UNL 15			1012.6 N	12	19	18	15	2		
03 008 10			1012.0 C	00	21	20	18	8		
04 006 05	F		1011.2 C	00	21	21	19	10		
05 UNL 10			1012.0 NW	13	15	15	12	5		
06 008 10			1016.8 NNW	05	14	14	11	9		
07 003 01	F		1018.4 SE	05	16	16	14	10		
08 220 10			1017.2 C	00	20	20	16	6		
09 UNL 15			1023.6 NW	04	15	15	09	1		
10 UNL 15			1025.6 C	00	14	13	09	1		
11 050 08			1017.7 S	13	23	26	22	8		
12 004 01	S-F		1005.6 S	10	32	32	31	10		
13 070 07			1019.1 NW	22	14	14	11	9		
14 035 08			1021.9 NW	05	23	22	20	10		
15 020 07			1012.2 W	12	21	20	18	10		
16 UNL 10			1006.2 N	17	11	10	06	2		
17 UNL 02	BS		1006.9 NNW	29	07	07	02	4		
18 035 08			1008.7 NNW	22	16	15	12	9		
19 008 05	S-BS		1002.0 NW	23	19	19	16	10		
20 009 07			1002.8 NW	20	12	11	08	10		
21 UNL 08			1003.9 NNW	25	01	-02	-10	2		
22 120 02	BS		1008.3 NNW	30	11	10	07	8		
23 034 08			1017.1 NW	05	11	12	06	7		
24 050 08	S-		1015.6 NNW	07	11	11	07	10		
25 040 10			1017.3 C	00	12	12	07	10		
26 250 15	S-		1025.3 NNE	17	16	16	13	10		
27 UNL 15			1030.9 C	00	02	02	-05	1		
28 UNL 10			1028.4 ESE	13	09	08	04	1		
29 UNL 15			1028.0 NW	05	02	-05	-1	1		
30 020 15			1027.4 N	08	-05	-05	-12	9		

AVG 1015.6 11 14 14 10 07

MOULD BAY NWT
SEPTEMBER 1961 0500 MST

01 011 08			1010.0 N	12	19	19	15	10		
02 UNL 15			1013.0 N	06	20	19	17	4		
03 UNL 10			1011.7 E	03	19	18	15	4		
04 005 05	F		1011.6 C	00	21	21	18	10		
05 UNL 15			1012.0 NW	06	14	13	10	4		
06 UNL 15			1017.5 N	04	12	12	08	3		
07 001 00	1/4F		1018.3 SE	12	18	18	16	10		
08 UNL 15			1018.3 C	00	18	18	15	3		
09 UNL 15			1024.4 C	00	15	14	10	2		
10 UNL 15			1025.3 C	00	12	12	08	2		
11 006 02	S-F		1015.7 S	17	27	26	24	10		
12 002 02	S-F		1001.6 S	10	16	16	13	10		
13 015 07			1020.6 NNW	12	18	17	15	9		
14 010 10			1023.2 NW	08	23	23	20	10		
15 010 03	F		1010.3 NW	15	20	19	17	10		
16 010 04	S-F		1006.0 NNW	10	11	10	06	10		
17 UNL 05	BS		1007.9 NW	20	04	03	-02	4		
18 007 05	BS		1008.3 NW	25	18	17	14	10		
19 008 03	S-BS		1001.2 NW	25	21	20	18	10		
20 008 02	BS		1002.2 NW	25	21	20	19	10		
21 UNL 10			1005.0 NNW	22	-05	-06	-19	5		
22 UNL 03	BS		1010.1 N	27	11	11	07	5		
23 018 10			1017.3 NW	14	12	11	07	9		
24 040 10			1015.6 NNW	05	11	10	06	8		
25 050 10			1018.3 NNE	09	12	12	07	10		
26 UNL 15			1026.7 NNW	07	09	09	02	4		
27 008 07			1030.9 NNE	03	10	09	06	10		
28 UNL 10			1028.2 C	00	06	05	00	1		
29 UNL 15			1028.0 NE	05	02	02	-05	2		
30 018 08			1027.1 N	07	-01	-01	-07	10		

AVG 1015.6 10 14 14 10 07

Date	Clouds (100's %)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
SEPTEMBER 1961 0800 MST

01 180 10			1010.3 NNW	17	18	18	15	6		
02 240 15			1013.0 NE	03	23	23	20	6		
03 120 03			1011.5 ENE	04	19	19	17	6		
04 007 10	F		1011.8 NNE	05	21	20	18	10		
05 003 03			1012.0 NW	08	15	14	11	7		
06 UNL 15	IF		1018.0 C	00	12	12	09	3		
07 100 10			1018.0 SE	04	20	20	16	9		
08 UNL 15			1019.0 C	00	18	17	14	2		
09 UNL 15			1024.8 NNW	05	15	15	12	2		
10 UNL 15			1024.3 E	04	14	13	09	5		
11 006 02	S-F		1013.1 S	23	28	27	27	10		
12 002 01	S-F		1004.4 NNW	07	27	26	25	10		
13 030 10	S-F		1021.8 NNW	15	19	19	16	9		
14 010 07			1021.9 WNW	11	23	22	20	10		
15 003 01	S-F		1008.5 NW	13	20	19	18	10		
16 010 05	S-F		1004.9 N	15	12	11	07	10		
17 UNL 10	1C		1008.3 C	00	02	01	-05	2		
18 008 07			1007.8 NNW	25	17	16	13	9		
19 010 03	S-BS		1000.3 NW	22	22	22	19	10		
20 008 02	BS		1001.6 NW	30	21	20	18	10		
21 009 07			1006.1 NNW	24	03	02	-05	9		
22 015 10			1011.9 NE	10	11	10	07	7		
23 015 10			1016.9 NW	06	06	05	00	8		
24 040 10			1015.4 NW	07	11	11	06	9		
25 016 03	S-F		1018.9 NNE	06	12	12	08	5		
26 UNL 15			1027.8 NNE	09	10	10	04	5		
27 025 10			1030.9 NE	03	11	11	07	9		
28 UNL 05	IF		1027.9 NNW	01	10	09	05	1		
29 UNL 15			1028.0 N	09	02	02	-09	8		
30 080 07			1027.1 N	10	01	01	-05	10		

AVG 1015.6 10 15 14 11 07

MOULD BAY NWT
SEPTEMBER 1961 1100 MST

01 080 10			1010.2 NW	11	21	21	18	8		
02 200 10			1013.0 NNE	05	23	22	20	7		
03 006 10			1011.0 ENE	10	21	21	18	9		
04 006 10			1012.0 N	05	20	19	17	10		
05 007 10			1012.3 WNW	11	16	16	12	9		
06 UNL 15			1018.0 C	00	15	15	12	1		
07 100 10			1018.0 SE	09	23	22	20	9		
08 UNL 15			1020.0 C	00	24	23	21	2		
09 UNL 15			1025.2 NW	07	16	16	12	1		
10 008 10			1023.4 S	17	19	19	16	9		
11 004 01	S-F		1011.7 S	25	28	28	26	10		
12 003 01	S-BS		1009.6 NNW	25	23	23	21	10		
13 030 10			1023.2 NNW	17	21	21	18	9		
14 008 05	F		1020.6 NW	12	25	25	23	9		
15 070 07			1007.5 NNW	10	19	19	17	10		
16 080 07			1005.0 NNW	15	05	04	-01	8		
17 UNL 03	IF		1008.5 NW	12	03	02	-02	4		
18 008 05	BS		1007.3 NW	23	16	15	12	10		
19 008 03	BS		999.5 NNW	28	24	23	21	10		
20 008 03	BS		1001.3 NNW	30	23	22	20	10		
21 008 06	F		1006.7 NW	15	09	09	03	10		
22 015 10			1013.1 ENE	12	12	12	07	9		
23 060 15			1016.6 NNW	09	05	04	-03	7		
24 060 10			1015.8 C	00	13	12	09	10		
25 028 05	F		1019.8 N	07	13	12	09	9		
26 UNL 15			1028.3 NNE	09	14	13	09	5		
27 UNL 03	SW-		1030.4 E	08	15	14	11	8		
28 UNL 07			1027.8 E	13	11	10	05	3		
29 012 07			1027.5 N	06	01	01	-06	7		
30 014 07			1027.1 N	11	01	00	-07	8		

AVG 1015.5 12 16 15 12 08

Date	Clouds (100's %)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
SEPTEMBER 1961 1400 MST

01 110 10			1010.9 N	10	23	23	20	9		
02 UNL 11			1013.2 E	05	26	25	24	7		
03 007 10			1010.9 E	05	23	22	20	9		
04 UNL 15			1012.2 N	05	21	20	18	8		
05 UNL 10	S-		1015.1 NW	08	18	17	14	9		
06 UNL 15			1018.4 NW	06	17	16	13	1		
07 100 10			1017.1 SE	09	24	23	21	9		
08 UNL 15			1020.9 C	00	22	21	19	2		
09 UNL 15			1025.6 NW	08	18	18	14	1		
10 015 03	F		1022.8 SW	15	19	18	16	9		
11 004 01	S-BS		1010.2 SSW	24	30	29	29	10		
12 000 00	1/85-BS		1005.9 NE	30	23	23	21	10		
13 025 10			1024.2 NNW	19	21	21	18	10		
14 006 07			1019.2 WNW	11	25	24	23	10		
15 080 15			1007.0 NNW	06	19	19	15	9		
16 006 03	SW-		1004.							

SYNOPTIC OBSERVATIONS

MOULD BAY

Date	Calling (1000.R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
OCTOBER 1961 0200 MST

01 100 15				1024.8 N	08	02	01	-04	9	
02 UNL 15				1021.6 N	06	-02	-03	-10	4	
03 UNL 15				1017.4 C	00	-08	-08	-16	3	
04 100 15				1014.0 NW	06	02	01	-05	9	
05 015 07				1011.7 NW	11	05	05	03	10	
06 010 07				1009.4 WNW	20	00	00	-07	10	
07 010 05				1005.9 NW	12	10	10	06	7	
08 UNL 07	S-			1009.2 NE	15	-03	-04	-08	2	
09 040 07				1012.0 NNN	18	01	00	-05	10	
10 008 07	S-			1013.7 NW	14	03	03	-02	9	
11 008 06	BS			1015.8 WNW	20	-02	-02	-08	9	
12 008 05	S-			1009.7 SW	15	-02	-02	-09	7	
13 UNL 07				1022.4 N	15	-03	-04	-08	4	
14 018 07				1004.0 N	12	-20	-20	-27	9	
15 012 07				1021.9 NNN	05	-10	-10	-17	10	
16 001 00	1/2IF			1021.9 C	00	-15	-15	-20	10	
17 008 05	S-			1017.5 NW	08	-12	-12	-18	10	
18 014 07				1016.4 NNN	09	-08	-08	-14	10	
19 080 04	IF BS			1024.1 WNW	23	-07	-07	-14	7	
20 UNL 07				1023.7 SE	10	-14	-14	-23	2	
21 UNL 07				1012.0 SSE	13	-05	-06	-12	2	
22 036 05	S-			1011.4 SE	08	04	04	-02	10	
23 013 07	S-			1011.6 SE	04	02	02	-04	10	
24 020 05	S-F			1012.5 C	00	07	07	03	10	
25 015 02	S-F			1010.6 S	10	07	07	01	10	
26 015 02	S-F			1008.0 SE	12	08	08	05	10	
27 046 07	S-			1005.9 SSE	04	05	05	01	9	
28 012 02	S-F			1011.1 NNN	08	01	02	-02	10	
29 030 04	S-F			1007.6 N	06	03	03	00	8	
30 018 02	IF			1016.7 C	00	03	03	01	10	
31 010 02	S-F			1015.9 NNE	11	02	02	-01	10	
AVG				1013.6	10	-02	-02	-07	08	

MOULD BAY NWT
OCTOBER 1961 0500 MST

01 100 15				1024.1 N	10	03	02	-05	7	
02 100 08	S-			1021.4 NNN	07	-01	-01	-08	9	
03 100 08				1017.1 C	00	-08	-09	-15	6	
04 100 10				1013.1 NW	08	-01	-01	-08	6	
05 030 07	S-F			1011.6 NW	17	00	-01	-07	10	
06 008 04	S-BS			1007.5 WNW	35	01	00	-06	10	
07 015 07				1007.1 NNN	13	11	10	07	10	
08 006 03	IF			1009.0 NNN	05	-03	-03	-09	10	
09 035 07				1012.9 NNN	20	02	01	-05	10	
10 010 02	BS			1013.3 NW	29	02	02	-05	10	
11 018 04	BS			1015.4 W	13	-02	-02	-10	10	
12 006 04	IF			1007.7 SSW	10	-01	-01	-08	10	
13 007 04	S-			1001.9 SSW	14	-03	-03	-10	10	
14 UNL 07				1008.0 NNN	22	-25	-25	-35	2	
15 014 07				1022.3 NNE	08	-13	-13	-21	8	
16 UNL 00	1/2IF			1021.5 C	00	-19	-19	-26	7	
17 UNL 07				1016.8 NW	07	-10	-10	-17	0	
18 014 07	S-			1017.2 NW	10	-10	-10	-16	10	
19 UNL 07				1025.7 NW	10	-11	-11	-18	3	
20 UNL 07				1021.9 SE	10	-12	-12	-19	0	
21 UNL 07				1011.5 SE	10	-02	-03	-09	2	
22 030 07				1021.5 C	00	-19	-19	-26	7	
23 007 02	F			1011.9 SE	06	01	01	-04	10	
24 024 07				1012.0 C	00	09	08	04	10	
25 020 05	F			1010.1 S	11	08	07	04	10	
26 015 03	S-F			1008.0 SSE	13	10	10	07	10	
27 015 07				1005.8 SSW	07	02	02	-03	8	
28 012 02	IF			1012.5 SE	07	00	00	-04	8	
29 030 06	F			1007.1 NNE	08	03	03	-01	10	
30 013 03	S-IF			1018.0 C	00	03	03	-03	10	
31 UNL 07				1015.9 NNN	07	02	02	-02	10	
AVG				1013.5	11	-02	-02	-08	08	

Date	Calling (1000.R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
OCTOBER 1961 0800 MST

01 120 10				1023.9 N	09	03	02	-04	9	
02 090 07	S-			1021.0 N	04	01	00	-05	9	
03 100 08				1016.6 C	00	-06	-06	-14	9	
04 UNL 02	IF			1012.9 NNN	13	-05	-05	-11	4	
05 020 05				1011.3 NNN	18	-04	-04	-11	4	
06 000 03	IF BS			1006.7 W	31	01	01	-01	9	
07 000 08				1008.2 N	05	11	10	06	10	
08 010 05				1008.6 N	24	00	-01	-07	10	
09 100 07				1013.2 NNN	23	03	02	-03	8	
10 007 03	IF BS			1014.2 NW	21	00	00	-06	10	
11 003 03	IF BS			1014.6 W	20	01	00	-06	10	
12 090 07				1005.9 SSW	15	00	00	-08	10	
13 090 07				1001.8 S	12	-04	-04	-11	10	
14 003 01	IF			1010.2 NW	13	-18	-19	-26	10	
15 005 02	IF			1023.0 C	00	-14	-14	-20	10	
16 UNL 07				1020.6 C	00	-23	-24	-30	1	
17 070 01	IF			1016.0 NW	20	-12	-12	-18	7	
18 UNL 07				1017.7 NW	12	-12	-12	-18	4	
19 020 04	IF			1026.1 WNW	20	-11	-11	-17	6	
20 UNL 10				1020.0 SE	14	-09	-09	-16	2	
21 015 07				1010.9 C	00	-01	-01	-08	8	
22 030 10				1011.0 SE	10	02	01	-05	9	
23 007 07				1011.9 SE	07	05	05	00	10	
24 024 05	S-			1011.9 C	00	08	07	03	10	
25 020 04	F			1009.6 S	15	08	07	04	10	
26 015 03	S-F			1007.2 SE	13	11	11	08	10	
27 015 05	S-F			1006.4 S	04	07	07	04	10	
28 UNL 02	IF			1012.2 NNN	10	-06	-06	-11	5	
29 UNL 07				1008.7 C	00	01	01	-04	5	
30 013 04	S-IF			1017.9 N	09	04	04	01	10	
31 UNL 07				1016.1 NNN	06	-04	-04	-09	3	
AVG				1013.4	11	-02	-03	-08	08	

MOULD BAY NWT
OCTOBER 1961 1100 MST

01 007 06	IF			1023.5 N	09	04	04	-03	9	
02 200 10				1020.7 N	05	01	01	-05	8	
03 065 07	S-			1016.2 C	00	-01	-02	-08	9	
04 003 02	F			1012.4 NNN	11	-01	-01	-07	10	
05 014 03	IF			1011.0 NW	16	00	-01	-06	10	
06 010 05	IF BS			1005.8 WNW	27	05	05	00	9	
07 014 10				1008.8 N	11	10	09	06	10	
08 014 06	IF			1009.0 NE	06	-01	-02	-08	9	
09 018 07				1014.1 N	11	04	03	-02	10	
10 080 04	IF BS			1018.0 NNN	23	-05	-05	-11	8	
11 012 02	IF			1014.6 W	15	01	00	-05	9	
12 006 06	S-			1004.9 SW	23	-01	-01	-07	10	
13 006 03	S-IF			1001.6 NNN	03	-04	-05	-10	10	
14 010 03	IF			1012.7 WNW	16	-06	-06	-12	8	
15 002 00	1/2IF			1023.2 C	00	-15	-15	-21	10	
16 UNL 10				1019.7 C	00	-22	-22	-27	1	
17 080 01	1/2IF BS			1015.6 NW	27	-05	-05	-09	7	
18 250 07				1019.1 NNN	03	-15	-15	-23	8	
19 UNL 04	IF			1026.9 N	11	-12	-12	-19	1	
20 160 10				1018.6 S	08	-07	-07	-12	7	
21 UNL 10	IF			1010.8 N	04	-05	-05	-12	4	
22 200 10				1010.8 SE	07	-02	-02	-09	7	
23 007 04	S-F			1012.0 SE	06	06	05	01	10	
24 025 03	S-F			1011.7 C	00	08	07	04	10	
25 015 02	S-F			1009.5 S	17	05	05	02	10	
26 015 01	S-F			1006.7 SE	15	12	12	09	10	
27 013 03	S-F			1007.1 S	07	06	06	03	10	
28 015 02	S-F			1012.1 NNN	06	-08	-08	-12	9	
29 007 01	IF			1009.4 C	00	05	05	-09	10	
30 013 04	S-IF			1018.4 NNE	12	02	02	-01	10	
31 030 07				1016.4 C	00	00	00	-04	6	
AVG				1013.5	10	-02	-02	-07	08	

Date	Calling (1000.R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
OCTOBER 1961 1400 MST

01 120 10				1023.0 N	08	04	03	-03	9	
02 UNL 15				1020.2 NNN	05	02	01	-05	5	
03 080 15				1016.2 C	00	02	01	-05	9	
04 012 07				1012.5 NW	14	01	00	-06	10	
05 010 04				1011.0 NW	07	01	01	-04	10	
06 008 04	S-IF			1005.6 W	23	09	09	04	10	
07 007 03	S-IF			1009.2 NNN	07	09	09	05	10	
08 080 04	S-IF			1009.9 N	14	-04	-05	-13	7	
09 008 03	S-IF			1014.2 N	04	02	02	-03	9	</

SYNOPTIC OBSERVATIONS

MOULD BAY

Date	Clouds (100's h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
NOVEMBER 1961 0200 MST

01 030 04	S-F	1021.3	NW	08 05 05	02 10
02 030 07		1024.6	C	00 -03 -03	-08 10
03 012 03	S-F	1021.9	C	00 -05 -05	-10 10
04 015 03	S-F	1020.8	C	00 -08 -08	-11 10
05 020 03	S-F	1017.3	NW	06 -11 -11	-17 10
06 040 07		1013.6	C	00 -32 -32	38 4
07 014 07		1014.7	C	00 -18 -18	-22 10
08 012 00	1/2BS	1004.0	S	30 -09 -09	-13 10
09 040 04	S-F	1002.8	C	00 -31 -31	-40 5
10 040 04	F	1003.3	C	00 -35 -35	-45 0
11 040 05	F	1009.2	C	00 -35 -35	2
12 040 06	F	1007.4	SE	16 -21 -21	-30 4
13 070 07		1002.1	C	00 -20 -20	-23 6
14 015 04	F	1004.4	SSE	10 -10 -10	-13 10
15 012 02	BS	996.6	SW	27 09 09	06 10
16 040 07		997.0	S	10 01 01	-09 0
17 015 05	F	992.4	NW	15 -07 -07	-12 10
18 040 04	BS	1003.6	NW	25 -21 -21	-28 3
19 040 07		1010.8	C	00 -21 -21	-28 4
20 040 15		1010.9	C	00 -30 -30	-42 1
21 100 05	S-	1010.5	E	08 -18 -18	-23 7
22 040 02	BS	1008.5	S	35 -04 -04	-08 4
23 040 06	BS	1018.8	S	22 -10 -10	-15 0
24 080 10		1013.6	E	14 -08 -09	-14 7
25 018 03	BS	1012.7	SSE	22 05 05	02 10
26 015 03	BS	1014.4	NW	18 -13 -13	-18 9
27 020 03	BS	1022.9	NW	16 -20 -20	-25 10
28 010 03	IF	1033.9	S	15 -12 -12	-17 8
29 010 03	BS	1028.4	S	25 -09 -09	-13 9
30 040 07		1034.4	S	20 -10 -10	-15 1

AVG 1012.6 12 -13 -13 -18 07

MOULD BAY NWT
NOVEMBER 1961 0500 MST

01 030 04	S- IF	1022.3	NW	08 05 05	01 10
02 012 07		1023.9	C	00 -01 -01	-05 10
03 040 06	IC	1021.7	C	00 -05 -05	-09 0
04 012 03	S-F	1020.4	W	05 -05 -05	-09 10
05 040 07		1016.3	C	00 -17 -18	-23 0
06 040 07		1013.6	C	00 -28 -28	-34 10
07 014 05	S-	1014.0	C	00 -19 -19	-27 10
08 020 00	1/2BS	1001.9	S	32 -08 -08	-12 7
09 040 07		1002.8	ESE	05 -30 -30	-39 0
10 040 07		1004.3	C	00 -36 -36	0
11 040 07		1009.4	C	00 -35 -35	0
12 015 07		1006.6	SE	15 -17 -17	-23 7
13 040 15		1002.1	C	00 -24 -24	-34 0
14 012 00	3/4BS	1003.4	S	30 -10 -10	-14 10
15 012 02	BS	996.7	SW	30 09 09	05 10
16 040 07		994.5	SSE	15 07 07	02 0
17 015 09	F	992.6	NW	20 -09 -09	-13 10
18 040 02	BS	1006.2	NW	15 -22 -22	-26 2
19 040 07		1010.5	N	03 -24 -24	-34 5
20 040 15		1011.2	C	00 -30 -30	-42 1
21 100 02	BS	1009.0	E	20 -13 -13	-18 10
22 040 10		1010.5	NE	06 -07 -07	-13 10
23 040 15		1018.7	E	14 -14 -14	-19 0
24 080 07		1012.8	E	12 -09 -09	-14 9
25 018 03	BS	1013.5	S	13 03 02	-10 10
26 015 04	F	1015.7	NW	10 -17 -17	-21 9
27 040 07		1026.2	NW	07 -21 -21	-26 3
28 010 03	IF	1033.0	S	21 -13 -13	-17 10
29 010 03	BS	1028.4	S	25 -07 -07	-12 10
30 040 10		1034.6	S	14 -12 -12	-17 0

AVG 1012.6 11 -14 -14 -19 06

Date	Clouds (100's h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
NOVEMBER 1961 0800 MST

01 030 04	S- IF	1022.9	NW	11 04 04	00 10
02 012 07		1023.9	C	00 -01 -01	-05 10
03 040 06	IC	1021.6	C	00 -03 -03	-08 6
04 012 03	S-F	1019.4	C	00 -05 -05	-09 10
05 040 07		1013.8	C	00 -23 -23	-30 9
06 040 07		1013.6	C	00 -23 -23	-30 9
07 014 05	S-	1015.3	C	00 -18 -18	-23 10
08 015 01	BS	1001.4	SSE	26 -07 -07	-11 10
09 040 07		1002.6	SSW	07 -30 -30	-36 1
10 040 10		1003.9	C	00 -36 -36	0
11 040 10		1009.4	C	00 -35 -35	1
12 015 07		1005.4	SE	15 -16 -16	-22 7
13 040 10		1002.1	C	00 -27 -27	-33 0
14 012 00	3/4BS	1003.0	S	30 -10 -10	-14 9
15 012 01	BS	997.2	SW	30 16 16	14 10
16 015 03	S-F	992.9	SSE	14 08 08	05 10
17 015 05	F	991.9	NW	18 -07 -07	-12 10
18 040 07	F	1007.8	N	20 -22 -22	-26 2
19 040 07		1010.2	N	11 -23 -23	-32 5
20 040 15		1011.2	C	00 -32 -32	-45 1
21 020 02	BS	1007.5	E	23 -11 -11	-16 10
22 040 10		1011.9	SSE	24 -08 -08	-14 2
23 040 15		1018.7	S	07 -14 -14	-20 7
24 080 07		1012.1	SSE	20 -03 -03	-10 10
25 080 04		1014.0	SE	12 -01 -01	-05 10
26 015 03	IC	1016.9	S	03 -21 -21	-28 8
27 040 07		1029.1	NW	21 -22 -22	-27 10
28 010 03	BS	1031.9	S	30 -11 -11	-18 10
29 010 03	BS	1029.5	S	23 -08 -08	-13 10
30 040 10		1034.8	S	07 -11 -11	-16 0

AVG 1012.5 12 -13 -13 -19 06

MOULD BAY NWT
NOVEMBER 1961 1100 MST

01 030 07		1023.3	NW	12 04 04	00 10
02 012 07		1023.7	ESE	05 00 00	-04 10
03 020 03	S-F	1021.6	C	00 -03 -03	-07 9
04 012 03	S-F	1019.2	NW	05 -04 -04	-08 10
05 040 15		1015.2	C	00 -26 -26	-32 5
06 040 07		1013.7	C	00 -21 -21	-26 7
07 014 05	S- IF	1012.1	SSE	07 -23 -23	-29 9
08 015 01	1/2BS	1001.3	SSE	22 -07 -07	-12 10
09 040 07		1002.5	C	00 -31 -31	-37 2
10 040 10		1006.0	C	00 -37 -37	4
11 040 10		1009.9	ESE	04 -34 -34	2
12 015 05	F	1004.7	SE	14 -17 -17	-25 10
13 040 15		1002.1	C	00 -25 -25	-31 0
14 012 02	BS	1002.1	S	25 -11 -11	-15 9
15 012 03	BS	997.6	SW	25 14 14	12 10
16 012 02	S-F	991.7	SSE	07 07 07	04 10
17 015 03	F	994.0	NW	24 -03 -03	-08 10
18 040 07		1008.8	N	16 -19 -19	-27 1
19 015 03	S-F	1009.9	NW	09 -21 -21	-30 10
20 040 15		1011.2	C	00 -30 -30	-39 1
21 020 02	BS	1007.0	S	16 -08 -08	-13 10
22 040 15		1013.0	S	13 -09 -09	-13 10
23 040 15		1018.5	S	06 -10 -10	-15 10
24 080 03	BS	1011.7	SE	17 -01 -01	-05 10
25 040 04	F	1014.6	S	11 00 00	-04 3
26 015 03	IC	1011.2	NW	13 -24 -24	-26 8
27 018 04	F	1031.5	W	03 -16 -16	-19 10
28 010 02	BS	1031.4	S	15 -10 -10	-16 10
29 040 04	BS	1029.9	S	20 -10 -10	-16 3
30 040 10		1034.6	SW	06 -10 -10	-16 0

AVG 1012.7 10 -13 -13 -18 07

Date	Clouds (100's h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
NOVEMBER 1961 1400 MST

01 030 07		1023.9	NW	05 04 04	00 10
02 012 04	S-F	1023.2	C	00 00 00	-04 10
03 020 03	S-F	1021.6	C	00 -03 -03	-07 9
04 012 04	S-F	1019.4	C	00 -07 -07	-12 10
05 040 10		1014.7	C	00 -28 -28	-36 3
06 015 07		1014.4	C	00 -23 -23	-29 9
07 014 03	S- IF	1010.4	S	22 -19 -19	-26 10
08 015 05	F	1002.1	WSW	08 -15 -15	-21 9
09 015 05	S-	1002.5	E	04 -32 -32	-38 9
10 040 10		1007.1	C	00 -35 -35	3
11 040 10		1009.8	C	00 -31 -32	-40 2
12 015 06	F	1004.1	SE	16 -16 -17	-24 10
13 040 10		1003.2	C	00 -27 -27	-31 1
14 012 02	BS	1001.4	S	25 -11 -11	-15 10
15 012 04	BS	999.1	SW	30 11 11	09 10
16 012 04	S-F	991.8	SW	03 06 06	03 10
17 015 03	F	995.0	NW	20 -05 -05	-10 10
18 040 04	F	1010.0	C	00 -21 -21	-30 1
19 015 03	S-F	1009.8	NW	11 -23 -23	-32 10
20 040 15		1011.4	E	03 -30 -30	-39 1
21 020 02	BS	1007.0	S	26 -05 -06	-11 10
22 040 15		1013.6	S	11 -13 -13	-19 2
23 020 07		1017.9	S	21 -05 -05	-10 10
24 018 03	BS	1011.7	SE	25 02 02	-03 10
25 018 04	F	1015.2	SSE	06 -01 -01	-05 10
26 015 03	BS	1017.5	NW	24 -25 -25	-31 7
27 018 03	F	1033.3	NW	09 -16 -16	-19 10
28 010 03	BS	1031.1	S	21 -10 -10	-16 10
29 040 04	BS	1031.7	S	20 -10 -11	-17 0
30 040 10		1033.8	S	15 -10 -10	-15 0

AVG 1012.9 11 -13 -13 -19 07

MOULD BAY NWT
NOVEMBER 1961 1700 MST

01 030 07		1024.3	NW	08 00 -01	-05 10
02 012 03	S-F	1022.9	ESE	02 00 00	-03 10
03 020 04	S-F	1021.5	SE	06 -04 -04	-09 9
04 012 04	S-F	1018.9	NW	08 -09 -09	-14 10
05 040 10		1014.0	C	00 -30 -30	-35 2
06 025 07		1014.6	C	00 -19 -19	-26 10
07 012 00	1/2BS	1007.7	S	35 -16 -16	-22 10
08 015 03	F	1002.2	NW	04 -24 -24	-32 9
09 040 07		1002.4	C	00 -30 -30	-42 3
10 040 10		1008.0	C	00 -36 -36	1
11 040 10		1009.5	SE	07 -31 -31	-43 2
12 015 07		1003.7	SSE	14 -14 -14	-19 9
13 040 15		1003.7	C	00 -26 -26	-34 4
14 012 02	BS	996.8	S	26 -13 -13	-19 10
15 040 07		1000.2	S	21 03 03	-01 2
16 012 04	S-F	991.9	NW	07 05 05	02 10
17 012 03	F	997.1	NW	15 -08 -08	-13 10
18 040 07		1010.5	E	03 -19 -19	-24 3
19 040 04	S-F	1009.9	NW	12 -25 -25	-33 4
20 040 15		1011.7	C	00 -26 -26	-39 1
21 040 07		1007.4	S	10 -08 -08	-13 4
22 040 15		1016.2	C	00 -14 -14	-20 1
23 020 07		1017.3	SSE	06 -09 -09	-14 10
24 018 03	BS	1011.7	SE	25 03 03	0

SYNOPTIC OBSERVATIONS

MOULD BAY

Date	Clouds (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
DECEMBER 1961 0200 MST

01 UNL 10				1030.4 C	00	-12	-12	-18	0	
02 UNL 10				1011.5 C	00	-10	-10	-16	0	
03 UNL 01	BS			1006.8 NE	30	-04	-04	-08	3	
04 UNL 07				1002.0 W	05	-17	-17	-22	0	
05 UNL 04	F			1001.2 N	07	-16	-16	-21	0	
06 UNL 02	BS			1005.9 NW	27	-12	-12	-17	5	
07 UNL 02	IF			1023.2 NW	04	-21	-21	-26	0	
08 UNL 07				1037.7 S	13	-18	-18	-23	5	
09 070 10				1039.3 S	08	-15	-15	-21	10	
10 UNL 07				1036.1 C	00	-33	-33	-39	2	
11 UNL 10	IC			1037.1 C	00	-33	-33	-39	2	
12 UNL 10				1026.9 SE	08	-32	-32	-38	0	
13 005 00	1/2BS			989.0 SE	48	-07	-07	-12	10	
14 005 01	BS			987.1 NW	40	-24	-24	-30	10	
15 UNL 10				1000.7 WNW	18	-38	-38	-44	0	
16 080 02	IC F			1015.1 NW	23	-28	-28	-34	10	
17 080 02	F BS			1008.3 NW	28	-26	-26	-32	10	
18 UNL 15				1024.2 N	15	-33	-33	-42	1	
19 UNL 15				1024.5 NNE	05	-35	-35	-42	0	
20 090 01	BS			1014.4 N	27	-27	-27	-33	10	
21 UNL 10				1014.3 C	00	-32	-32	-39	1	
22 UNL 10				1027.0 W	15	-32	-32	-38	7	
23 080 07				1030.5 SSW	09	-27	-27	-33	9	
24 080 10				1031.5 W	10	-30	-30	-36	6	
25 UNL 15				1034.1 C	00	-40	-40	-47	0	
26 UNL 05	BS			1028.0 N	25	-30	-30	-36	1	
27 080 07				1016.6 N	15	-24	-24	-30	6	
28 UNL 15				1011.9 C	00	-40	-40	-47	0	
29 UNL 10				1010.2 SW	10	-39	-39	-46	4	
30 UNL 15				1011.4 C	00	-46	-46	-53	0	
31 UNL 01	BS			1006.4 NW	37	-43	-43	-50	2	
AVG				1017.5		14	-27	-34	04	

MOULD BAY NWT
DECEMBER 1961 0500 MST

01 UNL 10				1028.2 C	00	-11	-11	-17	0	
02 UNL 10				1011.2 C	00	-15	-15	-18	0	
03 UNL 02	BS			1004.8 NE	23	-07	-07	-11	4	
04 UNL 10				1002.9 NW	04	-18	-18	-23	0	
05 UNL 10				1002.7 NE	15	-18	-18	-23	4	
06 UNL 02	BS			1007.2 NW	22	-18	-18	-23	3	
07 UNL 07				1025.2 WSW	10	-15	-15	-21	0	
08 030 05	BS			1038.5 S	16	-17	-17	-22	8	
09 UNL 02	BS			1038.3 WSW	22	-15	-15	-20	2	
10 UNL 10				1035.7 C	00	-34	-34	-40	2	
11 UNL 10	IC			1036.7 C	00	-35	-35	-41	0	
12 UNL 10				1023.7 C	00	-33	-33	-39	0	
13 UNL 01	BS			984.9 SE	30	-05	-05	-09	3	
14 UNL 00	1/2BS			989.7 NW	40	-24	-24	-30	2	
15 UNL 10				1003.9 N	05	-40	-40	-47	0	
16 080 02	BS			1014.7 NNW	30	-31	-31	-37	10	
17 UNL 04	BS			1007.6 NW	24	-21	-21	-26	9	
18 UNL 15				1026.5 NE	15	-33	-33	-39	1	
19 UNL 15				1023.4 NW	07	-37	-37	-44	0	
20 090 07				1013.7 N	15	-26	-26	-32	10	
21 UNL 15				1016.1 C	00	-34	-34	-40	0	
22 UNL 10				1027.6 SW	10	-30	-30	-36	10	
23 UNL 15				1030.7 SW	10	-29	-29	-35	4	
24 UNL 15				1031.4 C	00	-33	-33	-39	1	
25 UNL 15				1034.4 C	00	-39	-39	-46	0	
26 080 03	BS			1026.3 N	25	-27	-27	-33	10	
27 080 07				1015.6 N	14	-24	-24	-30	8	
28 UNL 15				1010.7 C	00	-41	-41	-48	0	
29 UNL 10	IC			1010.8 C	00	-40	-40	-47	0	
30 UNL 15				1010.4 C	00	-47	-47	-54	0	
31 UNL 01	BS			1005.6 NW	45	-42	-42	-49	2	
AVG				1017.4		12	-27	-34	09	

Date	Clouds (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
DECEMBER 1961 0800 MST

01 UNL 10				1026.6 C	00	-13	-13	-18	0	
02 UNL 10				1011.2 C	00	-12	-12	-15	0	
03 UNL 01	BS			1002.1 NE	45	-03	-03	-06	3	
04 UNL 10				1002.6 NNE	20	-18	-18	-25	0	
05 UNL 10				1003.9 C	00	-18	-18	-27	3	
06 UNL 02	BS			1008.1 NW	22	-12	-12	-17	3	
07 UNL 07				1027.0 C	00	-13	-13	-19	0	
08 030 05	BS			1038.6 S	17	-14	-14	-19	10	
09 UNL 10				1038.0 SSW	08	-17	-17	-23	4	
10 UNL 10				1035.7 C	00	-33	-33	-39	2	
11 UNL 10				1036.3 C	00	-34	-34	-40	0	
12 UNL 10				1020.2 SSE	13	-23	-23	-30	0	
13 015 04	BS			982.3 SSW	20	-04	-04	-08	6	
14 UNL 02	BS			991.8 NW	30	-27	-27	-33	2	
15 UNL 10				1006.5 C	00	-40	-40	-47	0	
16 080 02	BS			1015.2 NNE	25	-32	-32	-38	10	
17 UNL 10				1008.9 NNE	10	-26	-26	-34	0	
18 UNL 15				1026.9 NNE	20	-36	-36	-43	1	
19 UNL 15				1023.5 NNE	04	-37	-37	-44	0	
20 090 05	S-			1012.0 N	15	-25	-25	-31	10	
21 UNL 15				1018.6 C	00	-34	-34	-40	0	
22 UNL 10				1028.1 S	09	-30	-30	-36	5	
23 UNL 15				1030.5 SSW	08	-31	-31	-37	1	
24 UNL 15				1031.4 C	00	-34	-34	-40	1	
25 UNL 15				1034.0 C	00	-42	-42	-49	0	
26 080 03	BS			1024.0 N	24	-26	-26	-32	10	
27 UNL 07				1015.1 N	10	-27	-27	-33	5	
28 UNL 10				1009.9 SSE	04	-37	-37	-44	4	
29 UNL 10	IC			1011.4 C	00	-41	-41	-48	0	
30 UNL 10				1009.2 NW	15	-43	-43	-50	0	
31 UNL 01	BS			1004.9 NW	45	-37	-37	-44	2	
AVG				1017.2		12	-27	-34	09	

MOULD BAY NWT
DECEMBER 1961 1100 MST

01 UNL 10				1024.0 C	00	-19	-19	-24	0	
02 UNL 10				1011.4 NE	11	-15	-15	-18	1	
03 015 01	BS			1002.0 NE	25	-03	-03	-07	10	
04 UNL 10				1001.5 NE	23	-20	-20	-25	2	
05 UNL 10				1005.7 NNE	05	-21	-21	-28	2	
06 UNL 02	BS			1009.2 NW	22	-13	-13	-18	5	
07 UNL 07				1028.9 SW	17	-15	-15	-21	4	
08 030 05	BS			1038.6 S	22	-14	-14	-19	6	
09 070 04	BS			1037.8 WSW	17	-18	-18	-23	6	
10 UNL 04	IF			1035.8 C	00	-33	-33	-39	0	
11 UNL 10				1034.7 C	00	-33	-33	-39	0	
12 UNL 02	BS			1016.2 S	25	-14	-14	-19	0	
13 015 05	BS			981.7 SSE	15	-10	-10	-15	7	
14 UNL 00	1/2BS			992.4 NW	40	-30	-30	-36	5	
15 UNL 10				1009.8 N	06	-42	-42	-49	0	
16 080 10				1015.8 NW	10	-33	-33	-39	8	
17 UNL 02	BS			1009.3 NW	27	-23	-23	-29	0	
18 UNL 15				1027.6 N	13	-36	-36	-43	0	
19 UNL 15				1022.3 NNE	08	-31	-31	-37	4	
20 090 05	S-			1011.7 N	10	-27	-27	-33	8	
21 UNL 15				1019.4 C	00	-34	-34	-40	0	
22 080 05	S-			1028.6 SW	03	-30	-30	-36	6	
23 080 05	S-			1031.0 S	07	-30	-30	-36	7	
24 080 05	S-			1031.4 C	00	-33	-33	-39	6	
25 UNL 15				1034.2 C	00	-41	-41	-48	1	
26 080 02	BS			1022.2 N	27	-25	-25	-31	10	
27 UNL 15				1015.0 N	07	-32	-32	-38	1	
28 UNL 10				1009.4 W	02	-37	-37	-44	4	
29 UNL 10	IC			1011.7 N	05	-44	-44	-51	0	
30 UNL 10				1008.6 E	01	-46	-46	-53	0	
31 UNL 01	BS			1004.3 NW	50	-30	-30	-36	4	
AVG				1017.2		13	-27	-34	04	

1017.2 13 -27 04

Date	Clouds (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
DECEMBER 1961 1400 MST

01 UNL 10				1021.3 C	00	-17	-17	-22	0	
02 UNL 10				1012.1 ENE	17	-10	-10	-13	2	
03 015 01	BS			1001.0 NE	25	00	00	-04	10	
04 UNL 10				1001.0 NNE	22	-13	-13	-18	4	
05 UNL 05	F			1005.7 C	00	-22	-22	-27	3	
06 030 07				1013.0 NW	04	-14	-14	-19	7	
07 UNL 07				1031.6 W	20	-15	-15	-20	5	
08 070 10				1039.5 S	10	-14	-14	-20	8	
09 UNL 07				1036.8 C	00	-21	-21	-28	4	
10 UNL 10				1036.2 C	00	-35	-35	-41	0	
11 UNL 10				1034.4 C	00	-33	-33	-39	0	
12 UNL 02	BS			1012.1 S	25	-15	-15	-20	0	
13										

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Calling (100% N)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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RESOLUTE NMT
JULY 1961 0000 CST

01 200 15			1007.3 C	00	32	31	31	8		
02 000 00	F		1008.4 W	03	31	31	30	10		
03 040 15			1011.8 SE	14	35	34	34	9		
04 180 15			1017.2 E	30	36	34	32	9		
05 UNL 40			1016.3 ESE	25	43	41	38	8		
06 001 00	1/8L-F		1012.4 C	00	37	37	37	10		
07 002 00	1/8F		1015.3 NW	08	37	37	36	10		
08 UNL 40			1014.7 C	00	38	36	32	1		
09 008 10	R-		1012.8 SE	08	40	39	37	9		
10 080 20			1012.6 C	00	37	35	33	9		
11 015 15	L-		1007.5 WNW	20	32	31	31	9		
12 003 15			1013.9 WNW	10	31	31	29	8		
13 180 40			1011.4 SSE	20	39	38	36	9		
14 070 20	RW-		1009.8 SSE	23	44	42	40	10		
15 004 00	3/8R-F		1002.2 SE	20	42	42	42	10		
16 000 00	L-F		1008.0 W	04	32	32	32	10		
17 005 06	R-F		1000.9 NW	15	35	35	35	10		
18 060 15			1006.9 SE	02	33	33	32	9		
19 060 15			1011.9 SE	07	34	33	33	10		
20 200 15			1003.5 ESE	36	46	43	39	10		
21 000 00	F		999.9 SE	08	41	41	41	10		
22 005 15			1010.7 WNW	15	35	35	34	9		
23 UNL 15			1013.9 NW	04	39	37	36	1		
24 100 40			1014.4 N	13	46	43	41	9		
25 UNL 40			1024.5 NE	07	46	43	40	1		
26 UNL 40			1026.2 C	00	43	40	36	5		
27 100 40			1017.8 SE	08	41	39	36	9		
28 003 10			1020.4 WNW	20	33	33	32	10		
29 010 12			1015.0 WNW	16	35	35	31	10		
30 008 15			1009.6 NE	12	34	32	32	9		
31 UNL 40			1007.4 NE	20	37	35	32	0		
AVG			1012.0	12	38	36	35	08		

RESOLUTE NMT
JULY 1961 0300 CST

01 080 15			1007.9 C	00	33	32	32	7		
02 001 00	1/2F		1008.6 C	00	30	30	29	10		
03 UNL 15			1013.5 SE	14	34	33	33	9		
04 UNL 30			1016.8 ESE	36	36	35	32	4		
05 035 30			1015.8 ESE	26	44	41	38	9		
06 001 00	1/8F		1012.9 C	00	37	37	36	10		
07 030 10			1015.2 WNW	13	36	35	34	9		
08 UNL 40			1015.3 C	00	38	36	33	4		
09 003 05	L-		1012.7 SE	06	37	37	37	10		
10 030 10	R-		1012.2 SE	04	36	36	35	10		
11 010 10	2L-		1008.1 W	18	31	31	30	10		
12 015 10			1015.0 W	10	31	30	29	9		
13 150 25			1011.7 SE	17	39	38	36	8		
14 200 15			1009.7 SSE	23	44	42	41	9		
15 002 07			1001.8 SSE	22	37	37	36	9		
16 000 00	F		1007.9 W	05	32	32	32	10		
17 002 00	1/8S1F		1001.3 WNW	13	32	32	31	10		
18 070 15			1007.6 C	00	34	33	33	9		
19 070 15			1011.7 S	10	38	37	35	10		
20 150 15			1002.7 ESE	35	45	42	39	9		
21 001 00	1/8F		1009.7 WNW	07	35	35	35	10		
22 003 10	L-		1012.5 WNW	17	35	34	34	10		
23 025 40			1016.5 C	00	37	37	36	9		
24 UNL 40			1020.7 N	05	44	42	39	4		
25 UNL 40			1029.7 C	00	46	42	38	1		
26 040 40			1025.7 C	00	45	40	34	10		
27 025 10	R-		1016.7 SE	07	43	42	40	10		
28 003 10			1019.9 WNW	23	34	33	33	10		
29 012 10			1013.8 WNW	10	34	33	32	10		
30 008 15			1019.9 W	09	38	36	34	9		
31 UNL 15			1007.5 C	00	38	34	29	0		
AVG			1012.5	11	37	36	34	08		

Date	Calling (100% N)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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RESOLUTE NMT
JULY 1961 0600 CST

01 065 15			1007.3 C	00	33	32	30	8		
02 090 10	S-		1009.2 C	00	31	30	30	10		
03 UNL 15			1014.4 SE	17	36	34	32	8		
04 035 30			1016.9 E	36	39	36	33	9		
05 045 40			1015.6 ESE	22	45	42	38	9		
06 002 01	F		1013.5 NW	04	37	37	36	10		
07 020 15			1015.2 N	12	37	36	34	9		
08 UNL 40			1015.1 C	00	38	35	32	2		
09 001 00	F		1012.9 SE	02	36	35	36	10		
10 002 06	L-		1011.2 SE	04	35	34	34	10		
11 050 15			1008.4 W	18	32	31	30	9		
12 120 15			1015.7 WNW	08	35	34	32	7		
13 UNL 25			1011.8 SE	17	40	39	37	4		
14 200 15			1008.5 SE	16	45	43	42	9		
15 008 10			1001.4 SSE	16	37	36	36	10		
16 003 01	F		1006.9 C	00	35	35	34	10		
17 001 00	1/8S-F		1002.3 WNW	10	32	32	31	10		
18 070 15			1008.7 NW	05	34	32	29	9		
19 070 15			1011.0 SE	12	40	39	37	9		
20 030 15			1002.0 SE	30	44	42	40	10		
21 001 00	1/8F		1001.9 NW	08	34	34	34	10		
22 002 10			1013.5 WNW	15	34	34	34	10		
23 030 40			1017.3 C	00	40	38	36	9		
24 UNL 40			1008.7 NW	05	34	32	29	8		
25 UNL 40			1026.6 W	08	48	44	40	1		
26 040 40			1025.2 SE	05	43	40	37	10		
27 000 00	1/2L-F		1016.3 W	08	38	38	38	10		
28 002 10			1019.9 WNW	29	33	32	30	7		
29 010 06	F		1012.5 WNW	11	35	35	32	10		
30 008 15			1020.0 NW	15	33	32	31	6		
31 UNL 15			1007.2 WNW	02	37	35	31	0		
AVG			1012.6	11	37	36	34	08		

RESOLUTE NMT
JULY 1961 0900 CST

01 085 15			1007.5 W	06	34	33	31	7		
02 002 15			1009.1 SSE	12	32	31	31	10		
03 080 15			1015.2 SE	22	34	32	29	6		
04 100 20			1017.0 ESE	34	40	38	34	8		
05 030 15			1014.5 ESE	29	46	43	40	9		
06 003 05	L-F		1013.8 WNW	17	40	39	39	10		
07 120 15			1015.4 WNW	12	38	37	35	8		
08 015 20			1015.2 C	00	42	40	37	10		
09 001 00	1/8F		1012.9 SE	06	35	35	35	10		
10 012 05	R-F		1009.3 SE	04	36	36	36	10		
11 020 07			1008.7 W	20	33	32	31	10		
12 015 07	S-		1015.7 WSW	08	35	34	34	10		
13 UNL 40			1012.0 SE	14	43	41	39	4		
14 050 20			1008.4 SE	20	48	46	43	9		
15 005 00	1/2F		1002.1 S	17	35	35	35	10		
16 014 10	R-		1005.4 NE	15	35	35	34	10		
17 002 00	1/2F		1003.4 W	15	33	33	33	10		
18 030 15			1009.6 WNW	05	36	35	34	9		
19 070 15			1009.2 SE	16	43	41	41	9		
20 010 10			1001.6 SE	25	45	44	43	10		
21 005 05	F		1002.9 WNW	05	36	36	35	10		
22 005 07	L-		1014.0 WNW	08	37	36	35	9		
23 UNL 40			1017.3 NW	01	45	40	34	8		
24 UNL 40			1022.4 N	10	50	46	41	7		
25 UNL 40			1026.8 NW	02	49	45	41	1		
26 035 15			1024.4 SE	05	48	44	42	10		
27 006 08			1016.9 N	10	39	38	37	10		
28 030 10			1019.4 WNW	24	34	33	29	8		
29 012 10			1010.9 WNW	23	33	33	32	10		
30 012 15			1009.2 WNW	17	35	35	30	9		
31 UNL 40			1006.3 NW	08	43	39	33	0		
AVG			1012.1	13	39	38	36	08		

Date	Calling (100% N)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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RESOLUTE NMT
JULY 1961 1200 CST

01 090 15			1007.6 WNW	04	35	32	28	6		
02 001 03	S-F		1009.1 SE	16	33	33	32	10		
03 080 15			1015.9 SE	23	40	38	35	8		
04 035 20			1016.9 ESE	28	43	41	39	9		
05 035 15	RW		1014.3 SE	25	44	43	42	10		
06 007 08			1013.8 NW	10	42	40	39	10		
07 UNL 25			1015.3 WNW	14	40	38	35	4		
08 001 01	1/2L-F		1015.0 SE	07	40	40	40	10		
09 003 00	3/8F		1012.9 SE	06	35	35	35	10		
10 015 07			1007.7 SE	07	37	3				

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Calling (1000Z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deck Water (°F)	Sky Cover (tenths)
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RESOLUTE NMT
AUGUST 1961 0000 CST

01 180 40				1003.9 NE	23	38	36	34	8	
02 UNL 40				1001.3 N	13	45	42	39	4	
03 UNL 40				1003.5 C	00	40	37	31	1	
04 020 07	R-			996.0 SE	07	39	39	10		
05 120 15				1003.1 NE	19	42	39	37	10	
06 080 10				1007.4 ENE	13	41	39	36	7	
07 UNL 40				1007.2 NE	23	41	40	38	0	
08 002 05				1005.9 NNE	25	35	34	9		
09 UNL 08	F			1006.6 N	16	32	32	6		
10 003 03				1004.5 NNE	20	33	32	16		
11 035 15	F			1006.5 NNE	30	34	33	10		
12 003 06	F			1009.0 NNE	20	32	32	31	9	
13 UNL 20				1009.8 C	00	32	32	7		
14 UNL 15				1009.4 ESE	29	36	35	32	1	
15 UNL 07				1009.7 SE	19	33	33	3		
16 006 07	F			1011.0 SE	12	36	35	10		
17 015 03	R-			1008.5 E	25	37	36	15	10	
18 UNL 15				1008.5 NNE	36	35	34	3		
19 UNL 15				1007.2 NE	24	36	34	30	1	
20 065 15				1003.5 W	02	34	33	10		
21 003 01	S-			998.2 WSW	06	31	31	10		
22 030 10				1011.7 NW	20	31	29	9		
23 015 15				1007.1 NW	08	28	27	26	10	
24 250 15				1011.7 NW	12	29	28	26	9	
25 000 10	L-F			1000.1 WSW	03	32	32	31	10	
26 015 10				1014.0 NW	13	29	28	28	10	
27 006 10				1015.0 NW	18	29	28	26	10	
28 008 10				1018.3 N	20	26	26	10		
29 011 10				1013.0 NNE	10	25	25	24	10	
30 010 06	S-			1006.3 N	20	28	27	10		
31 100 15				1001.9 NNE	30	28	27	23	10	
AVG				1006.7	17	34	33	31	08	

RESOLUTE NMT
AUGUST 1961 0300 CST

01 UNL 15				1003.4 NE	30				7	
02 UNL 40				1001.9 NE	20				7	
03 090 15				1002.6 NNE	15	39	37	36	7	
04 003 00	3/4F			996.0 E	20	36	36	10		
05 100 15				1003.3 N	18	39	38	36	10	
06 080 15				1008.7 NE	07	41	39	37	7	
07 UNL 40				1006.9 NE	20	39	37	36	1	
08 001 02	F			1006.1 NNE	28	34	34	10		
09 UNL 15				1006.0 NNE	15	31	30	30	2	
10 020 08				1004.5 NNE	25	35	31	9		
11 035 15				1007.7 N	29	35	34	10		
12 001 01	1/2F			1008.6 NW	16	32	32	10		
13 UNL 20				1009.9 ESE	08	30	30	3		
14 UNL 15				1008.9 E	25	35	34	3		
15 050 03	F			1010.2 E	20	33	33	3		
16 008 07	R-			1010.5 ESE	12	36	35	34	10	
17 010 04	R-			1009.0 ENE	22	36	36	32	9	
18 220 15				1008.6 NE	37	35	34	7		
19 UNL 15				1007.2 NE	15	34	32	28	1	
20 060 15				1003.7 C	00				10	
21 003 01	S-F			998.0 W	08	31	31	10		
22 UNL 10				1001.8 N	20	30	29	27	4	
23 020 10				1008.0 NW	15	30	28	10		
24 025 15				1011.7 NNE	28	28	27	26	9	
25 005 06	F			1001.5 N	23	33	32	32	10	
26 015 10				1014.6 C	00	28	28	26	10	
27 008 15				1015.5 NW	20	28	27	23	10	
28 005 05	S-			1018.7 NNE	20	26	25	24	10	
29 008 10				1012.1 NNE	08	28	27	21	10	
30 010 08				1005.2 NNE	20	28	27	10		
31 090 15				1001.2 NNE	28	27	26	24	10	
AVG				1006.8	18	33	32	31	08	

Date	Calling (1000Z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deck Water (°F)	Sky Cover (tenths)
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RESOLUTE NMT
AUGUST 1961 0600 CST

01 300 15				1003.1 NE	33	40	37	35	7	
02 UNL 40				1002.0 NE	18	41	39	36	2	
03 025 15				1002.3 N	12	41	40	39	10	
04 020 10				996.7 E	30	35	34	9		
05 100 15				1004.4 NE	26	39	38	37	10	
06 UNL 15				1009.6 C	00	40	38	34	1	
07 UNL 40				1006.9 N	25	41	39	37	0	
08 003 10				1006.7 N	20	35	35	34	9	
09 UNL 15				1008.1 NNE	20	33	32	4		
10 030 15				1005.0 NNE	20	34	33	9		
11 040 15				1008.3 NNE	33	35	34	3		
12 120 03	F			1009.1 NNE	13	30	30	30	10	
13 UNL 40				1010.2 SE	05	35	34	31	2	
14 UNL 15				1009.2 ESE	23	37	34	30	2	
15 250 03				1010.5 E	25	34	34	33	7	
16 010 10				1009.8 E	18	36	35	34	10	
17 015 06	R-			1009.9 E	19	37	36	35	10	
18 UNL 15				1008.5 NE	35	34	33	3		
19 UNL 15				1007.2 NNE	10	35	32	27	0	
20 008 03	L-F			1003.6 C	00	34	34	33	10	
21 005 03	S-F			997.9 E	08	32	31	32	10	
22 006 10				1002.2 NNE	22	32	31	31	10	
23 025 10				1008.7 NW	08	30	29	27	10	
24 200 15				1011.6 C	00	28	27	26	10	
25 008 07				1005.4 N	30	29	28	10		
26 020 02	SW-			1014.0 WSW	08	28	27	22	10	
27 005 10				1016.4 NNE	17	27	26	25	10	
28 005 10				1018.6 N	20	26	25	24	10	
29 010 10				1011.9 N	07	25	25	23	10	
30 010 01	S-			1004.2 NE	27	29	28	10		
31 120 15				1000.7 NNE	26	26	25	24	10	
AVG				1007.1	18	34	33	31	08	

RESOLUTE NMT
AUGUST 1961 0900 CST

01 160 15				1003.2 NNE	22	45	41	37	10	
02 UNL 40				1002.7 SE	14	43	40	36	2	
03 030 40				1001.2 NNE	15	44	41	39	10	
04 150 10				997.9 E	08	40	38	35	7	
05 050 15				1004.8 NE	15	45	41	37	9	
06 018 20				1009.4 NE	16	42	40	37	8	
07 UNL 40				1006.2 NNE	19	44	42	40	1	
08 008 15				1006.5 NNE	20	35	34	33	10	
09 UNL 10				1005.4 NNE	26	33	33	32	10	
10 005 18				1005.1 NNE	21	35	34	32	10	
11 120 15				1008.6 N	27	38	37	35	8	
12 UNL 15				1009.1 NW	11	32	32	31	3	
13 UNL 40				1010.0 ESE	19	41	38	35	2	
14 UNL 15				1008.8 SE	23	41	37	32	1	
15 007 03	F			1010.5 SE	20	36	35	33	10	
16 025 10	L-			1009.5 E	20	36	36	35	10	
17 028 10				1010.3 NE	10	40	39	37	9	
18 UNL 15				1007.9 NE	36	38	36	32	5	
19 UNL 40				1006.6 W	08	37	34	30	5	
20 002 00	3/4L-F			1002.8 C	00	35	35	35	10	
21 012 10				999.1 NW	12	32	31	30	9	
22 005 10				1003.1 N	22	32	32	31	9	
23 030 15				1009.3 NW	10	31	30	29	10	
24 030 15				1009.5 SE	15	28	28	25	9	
25 008 08				1008.2 NNE	22	27	27	26	9	
26 035 15				1013.9 N	10	28	26	22	9	
27 007 12	SG-			1016.7 NNE	18	26	25	22	9	
28 008 10	S-			1017.8 NNE	16	27	26	24	10	
29 040 10	S-			1010.8 N	16	28	27	24	10	
30 020 06	F			1007.9 NE	32	31	30	29	10	
31 200 20				1000.1 NNE	30	27	25	23	8	
AVG				1007.1	19	35	34	32	08	

Date	Calling (1000Z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deck Water (°F)	Sky Cover (tenths)
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RESOLUTE NMT
AUGUST 1961 1200 CST

01 UNL 20				1003.0 NNE	21	53	45	37	6	
02 UNL 30				1003.6 SE	15	41	38	34	3	
03 015 40				1000.2 NE	13	45	42	39	10	
04 120 15				999.2 E	28	41	40	39	8	
05 065 15				1005.0 NNE	17	47	42	37	10	
06 070 15				1008.9 NE	14	47	42	38	9	
07 UNL 30				1006.0 N	27	47	43	40	3	
08 008 15				1006.5 N	11	37	35	33	10	
09 020 15				1005.3 NNE	28	36	35	32	10	
10 015 10				1005.0 NNE	25	36	35	32	10	
11 030 15				1009.1 NNE	20	42	40	37	8	
12 UNL 30				1009.1 NNE	09	35	34	32	8	
13 UNL										

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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RESOLUTE NWT
SEPTEMBER 1961 0000 CST

01 010 15	1000.5	NNW	25	25	24	21	10			
02 010 15	1008.3	NNW	07	26	26	24	10			
03 025 15	1013.4	C	00	29	27	24	10			
04 UNL 15	1005.8	NE	23	27	27	25	5			
05 UNL 15	1000.9	NNE	23	25	23	5				
06 008 12	1008.8	NNW	16	19	18	14	10			
07 012 10	1014.2	NNW	10	20	20	17	9			
08 007 15	1015.5	NW	04	19	18	14	10			
09 037 15	1017.3	N	11	23	23	20	10			
10 015 15	1020.2	NW	15	20	19	16	10			
11 UNL 15	1023.5	C	00	18	18	15	1			
12 007 15	1017.3	SW	12	25	24	22	10			
13 011 03	1006.3	E	02	25	25	23	10			
14 017 10	1012.3	NNW	22	20	20	17	10			
15 015 07	1007.6	NW	10	22	21	19	8			
16 070 04	1000.1	C	00	20	20	18	9			
17 015 15	992.8	NE	03	19	18	15	10			
18 008 00	999.9	NNW	21	10	10	08	10			
19 012 08	992.3	N	08	08	07	03	9			
20 UNL 15	996.6	N	08	12	11	09	2			
21 012 12	1001.9	SW	15	18	17	14	10			
22 065 10	1008.2	ESE	10	18	18	14	10			
23 030 10	1030.7	NE	27	20	19	15	10			
24 010 06	1007.7	NNW	19	11	08	10	9			
25 020 10	1010.2	NNE	17	08	08	03	9			
26 020 10	1017.4	NE	05	12	11	06	10			
27 030 10	1023.3	N	12	09	08	03	10			
28 UNL 15	1028.0	N	10	03	03	-02	4			
29 030 15	1025.8	C	00	11	11	06	10			
30 007 04	1024.8	ESE	12	15	14	11	10			

AVG 1010.2 11 18 17 14 09

RESOLUTE NWT
SEPTEMBER 1961 0300 CST

01 045 15	1001.5	NNW	07	26	25	23	9			
02 003 15	1009.4	NNW	06	25	25	24	10			
03 025 15	1013.4	SE	08	29	28	27	10			
04 200 15	1004.7	NE	24	26	25	22	6			
05 UNL 15	1000.5	NNE	20							
06 008 10	1009.9	NW	15	18	18	14	10			
07 010 10	1015.6	NW	08	19	18	16	10			
08 006 10	1015.6	N	04	18	17	14	10			
09 040 15	1017.6	NNW	10	23	22	20	10			
10 020 15	1020.3	NNW	10	20	19	16	10			
11 UNL 15	1023.3	N	12	20	19	16	0			
12 010 10	1016.5	SW	12	24	24	22	10			
13 012 07	1005.8	NE	19	25	25	23	10			
14 012 02	1013.0	NW	15	22	22	19	10			
15 015 07	1006.8	NNW	06	22	22	20	9			
16 011 05	999.2	C	00	22	22	20	9			
17 100 15	992.0	NE	06	13	13	10	9			
18 090 12	996.2	NNW	16	09	09	04	9			
19 015 04	991.9	NNE	04	10	09	06	10			
20 UNL 14	997.3	C	00	13	13	09	5			
21 UNL 08	1003.0	SSW	10	16	15	11	5			
22 090 10	1008.6	ESE	10	18	17	14	10			
23 025 12	1007.1	NE	31	18	18	14	10			
24 011 10	1008.0	N	14	14	13	09	10			
25 UNL 10	1011.5	NNW	10	16	16	12	5			
26 015 06	1018.1	ESE	09	14	13	09	10			
27 040 10	1024.2	N	05	09	08	02	10			
28 UNL 15	1028.5	NW	10	02	02	-03	3			
29 010 10	1025.6	C	00	14	14	10	10			
30 UNL 15	1024.8	E	10	14	14	10	0			

AVG 1010.3 10 18 17 14 08

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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RESOLUTE NWT
SEPTEMBER 1961 0600 CST

01 090 15	1002.5	NNW	15	25	25	22	9			
02 008 15	1010.7	N	08	25	25	24	10			
03 020 15	1012.8	ENE	07	30	29	26	10			
04 UNL 15	1003.6	NE	32	26	26	24	8			
05 UNL 15	1001.0	N	23	20	20	16	1			
06 UNL 10	1011.0	NW	14	18	17	13	6			
07 010 10	1015.3	N	12	18	18	14	10			
08 012 10	1015.8	NW	04	19	18	16	10			
09 040 15	1017.8	NW	08	22	21	18	10			
10 UNL 40	1020.8	NW	10	18	17	15	1			
11 002 00	1023.4	NW	07	19	19	19	10			
12 010 10	1019.1	SW	08	24	23	20	10			
13 UNL 10	1006.8	NNE	20	22	22	19	4			
14 010 10	1014.0	NNW	22	22	22	21	8			
15 012 01	1005.7	NNW	04	21	21	20	10			
16 070 10	998.5	NNW	03	20	20	18	9			
17 070 12	991.6	C	00	18	17	14	10			
18 015 15	996.7	NW	12	09	08	02	9			
19 090 12	992.3	N	02	11	10	06	9			
20 070 08	997.9	E	02	15	15	11	10			
21 020 08	1004.2	S	18	18	18	14	10			
22 040 12	1009.4	E	04	19	18	15	10			
23 040 12	1007.2	NE	29	15	14	10	7			
24 015 08	1019.5	C	00	19	18	16	10			
25 005 02	1012.1	N	11	12	11	06	10			
26 030 10	1018.9	S	14	15	14	08	10			
27 UNL 10	1024.8	N	05	05	04	-02	3			
28 UNL 15	1028.3	NNE	03	03	03	-02	2			
29 010 08	1025.6	C	00	14	14	10	10			
30 UNL 15	1024.5	E	12	11	11	07	2			

AVG 1010.5 11 18 17 14 08

RESOLUTE NWT
SEPTEMBER 1961 0900 CST

01 015 15	1003.3	N	17	26	25	22	10			
02 015 15	1011.3	NNE	04	26	25	23	10			
03 025 15	1011.9	E	15	31	30	29	10			
04 UNL 15	1003.4	NNE	30	30	29	28	8			
05 010 15	1001.4	NW	20	21	20	18	10			
06 025 15	1011.6	NW	15	20	19	16	10			
07 012 10	1019.5	C	00	19	18	16	10			
08 012 10	1016.2	NW	08	21	20	18	8			
09 040 15	1018.1	NNW	08	24	23	21	10			
10 011 10	1021.6	NW	06	22	22	18	10			
11 003 10	1022.1	NNW	10	23	23	22	10			
12 007 12	1013.2	SW	15	24	24	22	10			
13 010 10	1007.6	N	17	23	22	20	10			
14 007 10	1013.0	NW	14	25	24	22	10			
15 020 08	1004.7	C	00	23	22	19	10			
16 UNL 14	997.6	C	00	23	23	20	4			
17 200 07	991.1	NNE	10	18	17	14	10			
18 025 12	996.3	N	10	11	11	05	10			
19 090 07	992.2	E	06	11	10	05	7			
20 015 15	998.3	C	00	12	11	07	10			
21 015 02	1004.5	S	22	20	19	16	10			
22 035 20	1009.0	ENE	11	20	20	16	9			
23 065 15	1006.9	NE	30	15	14	08	8			
24 025 10	1007.8	N	15	11	10	06	10			
25 015 15	1007.6	N	17	23	22	20	10			
26 012 00	1019.6	WSW	04	14	14	10	10			
27 015 10	1025.3	C	00	08	07	03	9			
28 065 15	1028.0	N	03	08	07	02	10			
29 012 01	1025.3	E	06	13	13	09	0			
30 200 15	1024.1	E	18	11	10	07	9			

AVG 1010.5 11 19 18 15 09

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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RESOLUTE NWT
SEPTEMBER 1961 1200 CST

01 012 15	1004.2	NW	15	27	26	24	10			
02 025 15	1012.1	NW	07	26	26	24	10			
03 025 10	1010.7	E	11	33	32	31	10			
04 UNL 15	1002.4	NE	28	33	32	31	3			
05 200 15	1002.6	NW	20	22	20	16	6			
06 020 10	1012.2	NNW	14	22	21	18	10			
07 013 10	1015.4	N	04	19	18	15	10			
08 UNL 15	1016.5	NW	06	24	23	21	3			
09 006 03	1018.6	NNW	10	25	25	24	10			
10 020 12	1021.9	N	22	25	24	21	10			
11 008 15	1021.3	NNW	12	25	24	21	10			
12 006 02	1014.6	SSW	01	25	25	24	10			
13 080 12	1008.0	N	26	24	23	21	10			
14 007 01	1011.9	NW	13	26	26	24	10			
15 020 10	1003.9	C	00	23	22	19	10			
16 080 15	996.7	C	00							

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Calling (1000's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE HMT
OCTOBER 1961 0000 CST

01 100 08				1020.7	E	20	18	18	14	10
02 100 10				1016.0	ENE	17	12	11	04	10
03 022 07	S-			1008.7	E	03	18	17	14	10
04 100 01	1/2BS			1002.8	NE	27	12	11	07	10
05 025 10	S-			1000.0	NE	20	15	15	11	10
06 030 00	1/2BS			991.0	N	40	09	09	04	10
07 030 00	1/4BS			1006.1	SSW	27	08	07	02	7
08 UNL 06	IC			1008.9	SE	14	08	07	05	5
09 UNL 10	IC			1008.3	ENE	18	08	07	01	0
10 UNL 15				1007.6	E	17	06	06	00	0
11 UNL 10	IC			1009.6	SW	04	05	-02	0	0
12 014 10	S-			1015.5	WSW	17	06	05	-03	10
13 027 05	S-BS			1011.5	S	08	07	07	01	10
14 030 10				1008.2	C	00	05	05	-02	10
15 UNL 10				1009.4	NW	05	-05	-06	-13	0
16 UNL 12	IC			1020.5	N	12	-08	-09	-18	0
17 UNL 10				1016.8	WSW	03	-09	-09	-17	3
18 UNL 10				1014.8	NE	10	-10	-10	-20	0
19 UNL 10				1016.1	NW	07	-12	-12	-20	0
20 012 06	S-			1023.0	NW	12	-09	-09	-16	8
21 UNL 10	IC			1002.7	NW	16	-05	-06	-11	0
22 UNL 12				1010.4	N	10	-09	-10	-21	2
23 008 10				1010.5	NE	03	00	-01	-09	10
24 020 04	S-			1005.8	WNW	05	00	00	-05	10
25 UNL 08				1000.0	N	31	02	01	-06	5
26 UNL 15	IC			1009.8	NW	17	00	-01	-1	1
27 011 05	IC			1020.1	WSW	13	00	00	-06	8
28 000 00	1/8BS			1019.0	SE	35	12	11	07	10
29 015 00	1/2BS			1018.3	SE	36	16	15	12	10
30 015 08				1017.7	SE	15	14	13	09	10
31 015 02	S-BS			1014.0	SE	23	16	16	11	10
AVG				1011.4		15	04	04	-03	06

RESOLUTE HMT
OCTOBER 1961 0300 CST

01 080 10				1020.4	ESE	25	18	18	14	10
02 100 10				1014.9	NE	13	12	11	04	10
03 015 02	1/2S-			1007.9	C	00	18	17	14	10
04 120 05	BS			1002.3	E	22	13	12	07	10
05 025 01	1/2S-BS			1000.0	NE	24	16	15	12	10
06 000 00	BS			991.2	N	40	09	09	03	10
07 UNL 03	IC BS			1007.4	SSW	17	08	07	01	8
08 011 08	S-			1008.1	SSE	14	10	09	04	8
09 065 10	IC			1007.6	ENE	20	07	07	01	9
10 UNL 15				1008.1	NE	13	04	03	-03	0
11 UNL 08	IC			1009.8	C	00	01	01	-04	4
12 013 10				1016.1	WSW	15	04	03	-04	10
13 030 07				1011.3	SW	06	08	06	-04	10
14 030 10				1008.2	SW	16	07	06	01	10
15 UNL 10	IC			1011.8	NW	03	-09	-10	-16	3
16 UNL 10	IC			1020.3	N	05	-08	-09	-20	6
17 010 10				1016.7	W	06	-07	-07	-15	7
18 UNL 10				1014.4	NE	12	-12	-13	-21	0
19 UNL 10				1017.6	WNW	07	-13	-13	-23	0
20 UNL 10	S-			1022.2	NW	08	-06	-07	-13	5
21 UNL 10	IC			1013.3	NW	14	-10	-10	-16	0
22 UNL 10				1010.7	C	00	-09	-10	-20	6
23 010 10				1010.1	N	05	00	-01	-09	10
24 UNL 04	S-			1005.1	C	00	-04	-04	-11	10
25 002 00	1/2BS			999.6	N	38	02	02	-04	10
26 090 15				1011.4	NNW	15	-02	-02	-09	8
27 UNL 15				1019.4	SE	15	00	-01	-09	7
28 000 00	S-BS			1018.1	SE	44	11	10	06	10
29 012 00	1/4BS			1018.3	SE	32	16	16	12	10
30 015 08				1017.6	ESE	25	16	15	12	10
31 012 03	BS			1014.5	SE	18	17	16	12	10
AVG				1011.4		15	04	03	-03	07

Date	Calling (1000's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE HMT
OCTOBER 1961 0600 CST

01 080 02	BS			1020.1	ESE	25	18	17	14	10
02 060 10				1013.8	NNE	04	15	14	10	10
03 020 05	S-			1007.4	ENE	21	18	17	13	10
04 120 05	S-			1001.3	NE	13	13	12	07	10
05 100 07				999.4	NNE	21	15	14	09	10
06 030 00	1/2BS			993.7	NNW	35	05	04	-02	10
07 UNL 05	S-			1008.3	SSW	18	09	08	03	6
08 020 02	S-			1005.2	SSE	15	11	10	04	9
09 060 04	IF			1006.9	ENE	18	07	06	01	9
10 UNL 15				1008.5	NE	05	02	02	05	4
11 070 10	S-			1010.0	C	00	-02	-03	-13	7
12 015 12				1016.4	W	10	05	04	-04	10
13 027 10				1010.6	SW	10	08	07	-01	10
14 030 05	BS			1007.4	SW	17	07	06	-01	9
15 UNL 10	IC			1014.0	NW	08	-10	-10	-20	3
16 UNL 10	IC			1019.5	N	07	-07	-07	-17	4
17 UNL 10				1016.9	WNW	03	-07	-07	-15	4
18 UNL 10				1014.0	NE	15	-14	-14	-21	0
19 UNL 15				1018.7	N	28	-19	-19	-27	0
20 UNL 10	IC			1021.4	NW	10	-03	-04	-09	0
21 UNL 10	IC			1014.0	NW	28	-09	-10	-15	0
22 UNL 10				1010.8	NE	06	-08	-09	-17	4
23 010 10				1009.7	NW	10	-05	-05	-12	10
24 020 05	S-			1004.8	SE	03	-03	-04	-09	10
25 250 00	1/2BS			999.5	N	35	01	00	-06	10
26 040 15				1012.7	NNW	13	00	-01	-08	10
27 010 15				1019.2	NW	20	01	00	-15	10
28 000 00	S-BS			1017.6	SE	45	11	10	07	10
29 012 00	1/2BS			1017.6	SSE	27	16	15	12	10
30 015 08				1016.2	ESE	27	17	16	13	10
31 015 08				1014.9	SE	15	17	16	13	10
AVG				1011.2		16	04	03	-03	07

RESOLUTE HMT
OCTOBER 1961 0900 CST

01 070 02	BS			1019.5	ESE	20	16	16	13	10
02 060 10	S-			1012.3	NNE	16	15	15	11	9
03 030 10	S-			1006.3	NE	22	17	16	13	10
04 150 10				1000.5	ENE	22	14	13	15	9
05 UNL 08				998.2	NE	30	12	11	07	8
06 002 00	1/8BS			996.0	NW	28	04	03	-02	10
07 160 02	BS			1009.3	SW	15	09	09	04	9
08 060 04	S-			1007.8	SE	18	10	10	06	9
09 060 15				1006.7	ENE	13	09	09	03	9
10 UNL 15				1019.2	NE	28	01	01	-06	1
11 030 12				1010.4	C	00	01	00	-03	8
12 012 05	S-			1016.1	WSW	13	04	03	-04	9
13 025 10	S-			1010.1	S	08	07	07	00	10
14 020 08				1006.5	SW	20	03	03	-03	9
15 UNL 15	IC			1015.4	N	11	-08	-09	-17	9
16 UNL 10	IC			1018.8	N	08	-07	-08	-15	8
17 UNL 10				1016.6	C	00	-13	-13	-24	4
18 UNL 10				1013.9	NE	18	-15	-15	-23	5
19 UNL 10				1019.1	N	24	-17	-17	-28	3
20 080 08				1020.5	NW	12	-01	-02	-10	10
21 UNL 08				1011.8	NW	19	-08	-08	-16	2
22 170 10				1011.0	NNE	02	-08	-08	-16	9
23 080 15				1009.1	NW	12	-03	-03	-11	10
24 010 04	IF			1005.1	E	17	-05	-05	-12	9
25 200 03	BS			1001.2	N	34	-02	-02	-07	10
26 040 15				1013.9	NW	12	03	03	-03	10
27 030 15				1018.6	SE	25	01	00	-07	10
28 000 00	1/8S-BS			1017.3	SE	39	12	12	08	10
29 012 05	BS			1017.9	SSE	34	15	14	12	10
30 015 06	BS			1016.2	ESE	27	18	17	14	10
31 015 10				1015.0	SE	18	17	17	13	10
AVG				1011.3		17	03	03	-03	08

Date	Calling (1000's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE HMT
OCTOBER 1961 1200 CST

01 120 10				1019.2	E	14	15	14	10	7
02 070 10				1010.7	NE	15	19	19	15	7
03 130 08	S-			1006.0	NE	27	15	14	10	10
04 030 10				1000.5	ENE	20	18	17	14	10
05 210 10				996.8	NNE	33	14	13	09	6
06 010 01	S-BS			997.7	NW	23	06	06	-01	10
07 010 01	1/2S-			1009.9	S	21	10	09	04	10
08 UNL 08	S-			1008.0	SE	20	06	06	01	4
09 070 40				1006.4	ENE					

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deck Point (°F)	Sky Cover (percent)
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RESOLUTE NWT
NOVEMBER 1961 0000 CST

01 110 04	S-	1017.5 C	00 13 12 09 10
02 035 05	S-	1019.4 N	04 11 11 06 10
03 010 08		1024.2 SSW	05 06 05 00 10
04 005 03	F	1022.4 C	00 02 01 -03 10
05 UNL 10		1013.9 NNW	02 -04 -04 -11 0
06 UNL 12		1010.1 NW	07 -26 -26 -34 0
07 UNL 15		1013.8 N	06 -25 -25 -35 0
08 UNL 15		1011.9 C	00 -24 -24 -34 0
09 UNL 15		1010.9 C	00 -24 -25 -36 0
10 010 06	S-	1008.6 SSE	10 -15 -15 -23 10
11 UNL 10	IC	1010.2 ESE	08 -16 -16 -24 2
12 007 01	BS	1005.9 ESE	25 07 07 01 -08 6
13 020 08		1008.2 SE	07 00 -01 -08 6
14 UNL 10	IC	1001.2 NNW	06 -19 -20 -31 0
15 UNL 10	IC	1011.2 SSE	04 -17 -17 -25 0
16 008 03	BS	1018.2 SSE	15 -05 -06 -13 10
17 UNL 02	BS	1006.4 SE	45 -01 -01 -08 0
18 030 05	S-BS	996.5 SE	25 00 -01 -07 10
19 UNL 04	IC	1000.5 NE	20 -05 -06 -13 10
20 090 06	S-	1001.6 NW	06 -03 -03 -12 10
21 UNL 12		1015.1 NW	06 -23 -23 -35 1
22 UNL 15		1024.0 ESE	07 -18 -19 -30 9
23 050 15		1031.0 ESE	06 -14 -15 -26 8
24 UNL 15		1030.3 ESE	04 -15 -15 -24 5
25 010 05	S-	1028.1 SE	04 -02 -02 -08 10
26 080 10		1024.3 SE	11 -02 -03 -10 8
27 080 04	S-	1014.2 C	00 -05 -06 -14 10
28 UNL 15		1027.1 NNE	05 -13 -13 -24 0
29 UNL 15		1036.4 E	20 -09 -09 -20 0
30 UNL 10		1039.9 E	20 01 01 -03 0

AVG 1016.1 09 -08 -09 -17 05

RESOLUTE NWT
NOVEMBER 1961 0300 CST

01 UNL 12		1018.6 E	07 08 08 03 2
02 040 06	S-	1020.2 NE	06 10 10 05 10
03 UNL 06	IC	1024.2 S	04 04 03 -02 0
04 UNL 05	IF	1021.2 NE	12 -04 -04 -11 5
05 UNL 10		1013.3 ENE	01 -05 -06 -12 0
06 UNL 12		1010.5 NW	15 -23 -23 -35 0
07 UNL 15		1013.3 ESE	04 -15 -15 -24 5
08 UNL 15		1011.7 NW	03 -26 -26 -36 0
09 UNL 15		1010.3 C	00 -22 -23 -31 0
10 010 08	S-	1009.2 SSE	10 -14 -14 -21 10
11 UNL 12		1010.1 ESE	09 -16 -16 -24 0
12 007 01	S-BS	1005.9 ESE	23 10 10 06 10
13 020 04	S-	1004.9 NE	13 03 02 -03 10
14 UNL 10	IC	1002.6 NNW	07 -20 -20 -30 0
15 UNL 05	IC	1011.3 E	12 -17 -17 -23 0
16 008 02	BS	1017.8 SE	25 -05 -06 -15 10
17 UNL 01	BS	1005.3 SE	40 -01 -01 -08 0
18 UNL 05	S-BS	997.2 SE	20 -01 -02 -08 4
19 UNL 05	IC	1001.7 NE	13 03 02 -03 10
20 080 05	S-	1002.2 N	02 -03 -03 -09 10
21 UNL 12		1026.5 NNW	06 -25 -25 -33 0
22 UNL 15		1025.0 SE	09 -18 -18 -26 9
23 UNL 15		1031.3 ESE	05 -16 -16 -27 0
24 UNL 15		1030.0 ESE	03 -15 -15 -24 0
25 018 04	S-	1028.3 SE	01 -01 -02 -07 10
26 080 10		1022.3 ESE	10 -02 -03 -10 10
27 080 05	S-	1015.0 C	00 -05 -06 -15 10
28 UNL 15		1028.8 N	04 -12 -13 -23 0
29 UNL 02	BS	1037.7 E	25 -04 -05 -13 0
30 UNL 15		1040.6 ESE	28 -03 -03 -10 0

AVG 1016.3 11 -09 -09 -16 04

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deck Point (°F)	Sky Cover (percent)
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RESOLUTE NWT
NOVEMBER 1961 0600 CST

01 UNL 12		1019.1 E	10 13 12 09 3
02 040 08	S-	1020.6 NW	09 10 09 05 10
03 015 08	IC	1023.9 W	10 06 05 01 10
04 UNL 03	IF	1020.3 SE	03 -03 -03 -08 5
05 025 10	SG-	1012.9 C	00 -06 -06 -13 7
06 UNL 12		1011.0 WSW	02 -26 -27 -39 0
07 UNL 15		1013.3 N	07 -25 -25 -35 0
08 UNL 15		1012.1 C	00 -31 -31 -37 0
09 UNL 15	IC	1009.5 S	03 -20 -21 -30 0
10 010 08	S-	1009.3 ESE	10 -13 -14 -23 10
11 UNL 15		1009.8 E	13 -13 -13 -23 0
12 010 01	S-BS	1007.7 ESE	15 10 09 05 10
13 020 04	S-	1003.9 SE	18 03 03 -03 10
14 UNL 10	IC	1004.3 N	04 -22 -22 -33 0
15 UNL 05	IC	1011.7 SSW	16 -12 -13 -20 0
16 008 02	BS	1017.3 SE	20 -03 -03 -10 10
17 UNL 01	BS	1004.0 SE	37 00 00 -06 0
18 UNL 05	S-	997.7 ESE	20 -01 -02 -08 6
19 UNL 05	H	1001.6 NE	14 -02 -03 -09 0
20 UNL 06	IC	1003.1 NW	02 -10 -11 -18 2
21 UNL 12		1018.1 NW	06 -26 -26 -34 0
22 UNL 15		1025.7 SE	08 -18 -18 -26 3
23 UNL 15		1032.1 C	00 -16 -16 -27 0
24 UNL 15		1029.7 C	00 -15 -15 -28 0
25 015 06	SG-	1028.3 ESE	04 -01 -02 -08 10
26 080 10	S-	1020.4 ESE	13 -04 -05 -14 10
27 080 05	S-	1016.2 NE	11 -05 -05 -13 10
28 UNL 15		1029.6 ESE	05 -10 -11 -23 0
29 UNL 02	BS	1038.3 E	36 -03 -04 -12 0
30 012 06	S-	1040.1 ESE	15 04 04 -03 10

AVG 1016.4 10 -08 -09 -16 04

RESOLUTE NWT
NOVEMBER 1961 0900 CST

01 015 10		1019.7 ESE	02 15 14 11 10
02 UNL 15	IC	1021.2 C	00 01 00 -04 2
03 015 10	IC	1023.9 W	04 06 06 00 10
04 UNL 08		1019.3 E	03 -06 -06 -12 3
05 015 08	SG-	1011.4 NE	04 -05 -05 -12 10
06 UNL 12		1011.1 NW	05 -26 -27 -39 0
07 UNL 15	IC	1012.4 C	00 -15 -15 -28 0
08 UNL 15		1011.5 N	02 -28 -28 -36 0
09 UNL 15		1008.7 S	12 -18 -18 -26 3
10 020 08	SG-	1009.0 S	08 -11 -12 -20 9
11 040 03	S-BS	1009.4 E	19 -07 -08 -17 9
12 035 03	S-	1009.6 C	00 00 -01 -08 9
13 020 04	S-	1002.2 SE	16 03 03 -03 10
14 UNL 15		1006.4 NW	10 -23 -23 -27 2
15 120 08	IC	1012.3 S	11 -13 -13 -20 6
16 080 04	BS	1016.4 SE	17 -04 -05 -11 6
17 UNL 02	BS	1001.9 SE	32 00 -01 -07 5
18 020 05	S-	998.1 ESE	22 00 -01 -06 10
19 UNL 10		1001.6 NE	16 -02 -02 -09 5
20 080 08	S-	1004.3 NW	08 -14 -14 -27 8
21 UNL 15		1019.4 NNW	05 -21 -21 -34 0
22 UNL 15		1026.2 SE	09 -16 -16 -25 0
23 UNL 15		1032.1 C	00 -20 -20 -29 0
24 UNL 15		1029.1 SE	07 -13 -13 -23 8
25 018 04	SG-	1028.1 SE	05 00 -01 -07 10
26 080 12		1018.0 ESE	13 -09 -10 -20 7
27 080 04	S-BS	1017.1 NE	24 -05 -06 -13 9
28 UNL 15		1030.2 C	00 -12 -12 -24 0
29 UNL 03	BS	1038.8 ESE	24 -05 -06 -14 0
30 015 04	IC	1039.3 SE	09 05 04 -02 10

AVG 1016.3 10 -09 -09 -17 05

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deck Point (°F)	Sky Cover (percent)
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RESOLUTE NWT
NOVEMBER 1961 1200 CST

01 015 06	S-	1019.7 ENE	11 14 13 08 10
02 020 06	S-	1022.5 C	00 09 08 02 10
03 015 10	IC	1023.9 ESE	09 07 06 01 10
04 UNL 08		1017.5 C	00 -05 -05 -12 4
05 020 12	SG-	1010.9 NNE	02 -06 -07 -18 10
06 UNL 15		1012.3 NW	08 -28 -28 -36 3
07 UNL 15		1012.4 C	00 -24 -24 -32 0
08 UNL 15		1012.0 N	04 -24 -24 -34 0
09 UNL 10	IC	1008.6 S	10 -16 -16 -24 4
10 180 10		1009.8 S	10 -18 -18 -25 8
11 005 02	S-BS	1008.4 E	30 -05 -06 -15 10
12 025 04	S-	1010.8 C	00 -03 -04 -11 10
13 010 10		1000.7 S	10 -01 -01 -08 10
14 UNL 15		1008.5 NW	06 -25 -25 -35 1
15 008 03	IF	1012.8 S	17 -08 -08 -12 10
16 080 10		1014.9 SE	26 -02 -03 -10 10
17 030 01	BS	1000.6 SE	30 02 01 -05 10
18 010 01	S-	998.7 SE	22 -01 -01 -08 10
19 070 10		1001.6 NE	10 00 -01 -07 8
20 080 02	S-F	1005.1 NW	12 -14 -14 -24 10
21 UNL 15		1020.2 NW	04 -22 -23 -36 0
22 UNL 15		1026.5 SE	09 -18 -19 -28 0
23 UNL 15		1031.2 SE	06 -14 -15 -24 0
24 020 15		1028.2 SE	13 -08 -09 -16 10
25 012 06	SG-	1027.6 ESE	07 00 00 -06 10
26 012 12		1016.3 ESE	09 -07 -07 -15 9
27 UNL 15		1019.7 NNE	14 -08 -09 -17 8
28 UNL 15		1032.4 ESE	11 -10 -11 -23 1
29 UNL 02	BS	1040.3 ESE	28 -02 -02 -08 10
30 UNL 07		1038.2 SE	06 -01 -01 -06 0

AVG 1016.4 11 -08 -09 -16 06

RESOLUTE NWT
NOVEMBER 1961 1500 CST

01 015 06	S-	1020.1 NNE	06 13 12 08 10
02 020 06	S-	1023.3 C	00 08 07 00 10
03 015 10	IC	1024.4 ENE	07 05 05 00 10
04 070 08		1016.9 C	00 -03 -03 -10 9
05 020 06	SG-	1010.7 N	08 -10 -10 -21 10
06 UNL 15		1013.9 NW	06 -23 -23 -32 7
07 UNL 15		1012.4 C	00 -28 -29 -31 5
08 UNL 15		1012.5 NW	06 -26 -26 -32 0
09 100 08	IC	1008.8 S	15 -14 -14 -24 9
10 180 10		1010.2 SE	16 -19 -19 -29 8
11 004 00	1/2S-BS	1008.1 E	30 -04 -05 -14 10
12 025 03	S-	1011.1 C	00 -05 -03 -11 10
13 008 04	S-	999.9 ESE	08 -02 -03 -09 10
14 UNL 15		1010.0 NW	05 -25 -25 -33 0
15 008 03	IF	1014.7 S	15 -07 -07 -12 10
16 010 06	BS	1013.8 SE	30 -03 -04 -12 8
17 030 00	3/4BS	998.7 SE	35 00 00 -07 10
18 150 04	S-	999.4 SE	22 -02 -02 -10 10
19 040 05	S-	1001.9 NE	10 -02 -03 -08 10
20 080 03	S-	1007.3 NNW	13 -17 -18 -26 10
21 UNL 15		1021.3 C	00 -24 -24 -36 0
22 UNL 15		1027.6 ESE	05 -16 -17 -25 0
23 UNL 15		1031.2 C	00 -16 -17 -27 0
24 020 12		1028.8 SE	08 -05 -06 -15 10
25 012 06	SG-	1027.8 SE	08 01 00 -06 10
26 UNL 10	SG-	1015.1 SE	11 -08 -08 -16 7
27 UNL 15		1021.8 ENE	16 -11 -11 -21 5
28 UNL 15		1033.9 ENE	09 -11 -11 -21 1
29 UNL 05	BS	1040.4 E	15 -05 -05 -13 1
30 UNL 10		1037.2 SE	01 -02 -02 -08 0

AVG 1016.8 10 -09 -09 -17 07

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deck Point (°F)	Sky Cover (percent)
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RESOLUTE NWT
NOVEMBER 1961 1800 CST

01 015 06	S-	1019.8 NNE	08 11 10 07 10
02 020 06	S-	1024.3 C	00 10 09 05 10
03 015 10	IC	1024.0 W	04 05 05 00 10
04 UNL 10		1016.0 C	00 -01 -02 -07 0
05 020 10	SG-	1010.9 N	08 -12 -12 -25 10
06 UNL 15		1014.0 NW	01 -21 -21 -32 4
07 UNL 15		1012.4 C	00 -27 -27 -38 0
08 UNL 15		1012.0 NW	04 -26 -26 -34 0
09 090 08	IC	1008.8 SE	13 -16 -16 -27 8
10 180 10	IC	1010.7 SSE	11 -14 -15 -23 8
11 004 01	S-BS	1007.3 E	27 -02 -03 -10 8
12 025 03	S-	1010.9 NW	04 -05 -05 -12 10
13 008 04	S-	999.3 SSW	08 -03 -03 -11 10
14 UNL 15		1010.9 NW	01 -23 -23 -30 0
15 008 03	IC	1016.3 SSE	23 -07 -08 -15 10
16 010 04	BS	1011.3 SE	28 -03 -03 -10 10
17 030 01	BS	997.9 SE	48 00 00 -06 10
18 UNL 05	S-	1000.5 SE	18 -03 -03 -10 3

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Calling (100's K)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE NMT
DECEMBER 1961 0000 CST

01 UNL 10	1031.9	C	00	-02	-03	-11	0			
02 002 00	1021.3	ESE	45	-06	-07	-15	10			
03 001 00	1001.9	E	50	05	05	00	10			
04 UNL 01	1006.9	ESE	42	-07	-08	-16	0			
05 015 00	1004.0	ESE	26	01	01	-06	10			
06 015 00	1014.0	S	25	-14	-14	-26	10			
07 010 06	1025.2	S	21	-18	-19	-28	10			
08 UNL 15	1040.4	IC	00	-23	-23	-35	0			
09 UNL 15	1042.9	IC	00	-21	-21	-28	0			
10 UNL 15	1034.4	IC	00	-27	-27	-35	0			
11 UNL 15	1031.8	C	00	-38			0			
12 UNL 07	1024.2	NNW	12	-35	-35	-41	0			
13 UNL 15	1015.5	NNW	08	-24	-24	-34	0			
14 002 00	992.9	SE	45	-12	-12	-19	10			
15 UNL 15	991.8	ENE	22	-23	-24	-32	0			
16 UNL 10	1001.1	NNW	08	-24	-24	-34	3			
17 040 10	999.3	SW	09	-26	-26	-32	10			
18 002 00	1020.8	SE	40	-20	-21	-30	10			
19 070 00	1021.7	E	40	-16	-16	-24	8			
20 070 00	1012.8	S	20	-17	-17	-25	10			
21 070 00	1026.9	SSE	30	-24	-24	-30	10			
22 130 06	1032.8	SE	09	-15	-16	-23	10			
23 UNL 10	1034.3	C	00	-23	-26	-35	10			
24 060 07	1028.6	ENE	05	-19	-20	-26	10			
25 UNL 15	1031.1	NNW	09	-33	-33	-39	0			
26 001 00	1020.6	E	45	-05	-05	-10	10			
27 UNL 15	1023.8	E	08	-14	-14	-20	10			
28 050 06	1016.7	NW	12	-18	-18	-25	10			
29 UNL 12	1018.7	SSE	25	-30			0			
30 070 00	996.3	E	42	-01	-01	-04	10			
31 UNL 05	979.4	NW	22	-15	-15	-18	4			
AVG	1017.5		20	-18	-18	-25	06			

RESOLUTE NMT
DECEMBER 1961 0300 CST

01 UNL 12	1029.7	N	02	-04	-05	-13	0			
02 UNL 00	1021.9	ESE	40	-06	-06	-16	0			
03 001 00	1001.9	E	50	06	05	-01	10			
04 UNL 00	1005.8	ESE	45	-08	-08	-17	0			
05 015 00	1003.2	SE	27	02	02	-04	10			
06 UNL 05	1015.5	SSE	20	-17			0			
07 UNL 06	1026.8	SSW	13	-19	-19	-29	0			
08 UNL 15	1042.3	C	00	-22	-22	-36	0			
09 UNL 15	1042.5	C	00	-21	-21	-25	0			
10 UNL 15	1031.3	C	00	-25	-26	-38	0			
11 UNL 15	1031.6	C	00	-39			1			
12 UNL 15	1023.7	N	10	-35			0			
13 UNL 15	1014.5	W	02	-21	-21	-32	0			
14 002 00	990.3	SE	35	-14	-14	-19	10			
15 UNL 15	994.2	NE	18	-24	-24	-34	0			
16 UNL 10	1001.1	N	15	-27	-27	-35	0			
17 040 10	1000.5	S	10	-26	-26	-32	10			
18 002 00	1025.8	SE	40	-25	-25	-35	10			
19 070 00	1020.0	E	30	-15	-15	-23	8			
20 070 00	1014.9	S	25	-23	-23	-30	10			
21 070 00	1028.4	SSE	25	-21	-21	-28	10			
22 200 06	1033.7	SE	11	-15	-16	-23	10			
23 UNL 10	1034.8	C	00	-26	-26	-32	3			
24 UNL 07	1027.8	C	00	-22	-23	-29	10			
25 UNL 15	1032.0	SSW	03	-30	-30	-36	0			
26 002 00	1019.2	ESE	45	-03	-03	-07	10			
27 UNL 15	1024.5	SSE	08	-16	-16	-21	10			
28 020 06	1016.5	NW	15	-19	-19	-23	10			
29 UNL 06	1017.7	SE	11	-25	-25	-27	6			
30 003 00	992.0	E	45	-01	-01	-04	10			
31 003 00	980.1	NW	25	-20	-20	-20	10			
AVG	1017.6		18	-18	-18	-25	05			

Date	Calling (100's K)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE NMT
DECEMBER 1961 0600 CST

01 UNL 12	1026.5	ENE	25	02	01	-05	0			
02 UNL 00	1021.7	ESE	35	-05	-05	-14	0			
03 002 00	1001.9	E	45	06	05	00	10			
04 UNL 00	1005.3	ESE	40	-08	-08	-17	0			
05 015 00	1009.0	SE	20	01	01	-04	10			
06 UNL 07	1017.0	S	22	-15	-16	-27	0			
07 UNL 10	1029.2	S	08	-21	-22	-32	0			
08 UNL 15	1043.1	C	00	-23	-23	-40	0			
09 UNL 15	1041.3	C	00	-24	-24	-30	0			
10 UNL 15	1032.9	C	00	-28	-28	-36	0			
11 UNL 15	1031.0	MNW	10	-37			0			
12 UNL 15	1022.7	NW	13	-33	-33	-46	0			
13 UNL 15	1012.9	SE	02	-22	-22	-31	0			
14 003 00	988.1	SE	35	-18	-18	-25	10			
15 UNL 10	995.6	E	21	-25	-25	-33	0			
16 UNL 10	1004.1	MNW	06	-31	-32	-43	0			
17 030 08	1002.5	SW	09	-28	-28	-36	10			
18 000 00	1026.1	SE	40	-23	-23	-29	10			
19 070 00	1017.6	E	28	-15	-15	-23	6			
20 070 00	1019.0	SSE	25	-27	-27	-33	10			
21 070 03	1025.9	SSE	25	-20	-20	-27	10			
22 200 06	1035.5	NE	09	-18	-18	-26	9			
23 UNL 10	1035.1	C	00	-24	-25	-32	8			
24 UNL 04	1027.3	C	00	-23	-23	-27	8			
25 UNL 15	1031.5	SW	03	-30	-30	-36	4			
26 002 00	1018.9	ESE	40	-01	00	-03	10			
27 UNL 15	1024.1	SSE	06	-18	-18	-25	10			
28 UNL 15	1017.5	MNW	02	-28	-28	-34	10			
29 UNL 05	1016.0	SE	20	-21	-21	-28	6			
30 002 00	987.0	E	30	02	01	-03	10			
31 UNL 06	980.4	MNW	17	-24	-24	-25	3			
AVG	1017.4		17	-19	-19	-26	04			

RESOLUTE NMT
DECEMBER 1961 0900 CST

01 UNL 15	1024.8	N	04	-01	-02	-12	0			
02 UNL 00	1020.0	E	40	00	-01	-07	7			
03 070 10	1002.7	SE	24	05	05	-01	9			
04 UNL 02	1005.7	ESE	32	-11	-12	-21	0			
05 020 01	1003.4	S	06	-04	-04	-11	10			
06 UNL 10	1018.0	SE	13	-18	-18	-30	0			
07 UNL 12	1031.4	S	05	-21	-21	-32	2			
08 UNL 15	1043.3	C	00	-18	-18	-30	0			
09 UNL 15	1039.7	C	00	-20	-20	-29	1			
10 UNL 15	1031.9	C	02	-28	-28	-36	1			
11 UNL 15	1029.6	MNW	11	-35			0			
12 UNL 15	1021.9	NW	17	-29	-29	-40	0			
13 UNL 15	1009.6	SE	15	-19	-20	-27	0			
14 003 00	986.6	SE	30	-18	-18	-26	10			
15 UNL 15	997.5	E	15	-26	-26	-34	0			
16 UNL 10	1001.9	MNW	02	-28	-28	-34	1			
17 030 07	1004.3	S	00	-28	-29	-39	10			
18 002 00	1027.7	ESE	38	-23	-23	-30	10			
19 UNL 01	1015.3	E	25	-12	-13	-19	3			
20 070 01	1020.4	SSE	30	-28	-28	-34	9			
21 070 06	1030.2	SSE	18	-19	-19	-23	10			
22 020 04	1035.1	NE	05	-31	-31	-43	0			
23 UNL 10	1033.6	ESE	03	-22	-22	-24	8			
24 UNL 10	1026.8	NNE	10	-25	-25	-31	8			
25 UNL 04	1030.0	NE	28	-20	-20	-25	10			
26 005 00	1019.0	ESE	30	00	00	-01	10			
27 UNL 15	1023.7	SE	02	-17	-17	-21	10			
28 UNL 15	1035.1	MNW	07	-30	-30	-36	0			
29 080 05	1014.4	ESE	28	-17	-18	-23	10			
30 040 04	985.0	SE	10	-02	-02	-03	10			
31 090 06	980.4	NW	04	-28	-28	-34	7			
AVG	1017.0		15	-18	-18	-25	05			

Date	Calling (100's K)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE NMT
DECEMBER 1961 1200 CST

01 UNL 03	1021.4	E	43	02	02	-05	1			
02 001 00	1018.8	E	35	01	01	-04	10			
03 UNL 10	1004.0	SE	23	-04	-04	-12	1			
04 020 00	1005.6	SE	45	-04	-04	-12	10			
05 015 03	1003.8	SSE	17	-05	-05	-12	10			
06 UNL 08	1019.1	S	21	-18	-18	-28	3			
07 UNL 15	1033.7	S	03	-20	-21	-30	0			
08 UNL 15	1043.6	C	00	-17	-17	-26	0			
09 UNL 15	1038.3	C	00	-21	-21	-30	0			
10 UNL 15	1031.6	C	00	-32	-32	-38	0			
11 UNL 15	1028.6	MNW	11	-35			0			
12 UNL 15	1019.7	NW	16	-30	-30	-39	0			
13 070 15	1006.6	SE	18	-18	-19	-26				

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Calling (100% N)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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SACHS HARBOUR NMT
JULY 1961 0100 PST

01 0006 10				1016.6 NW	08	31	30	29	9	
02 0003 03		F		1005.2 S	14	33	33	33	10	
03 0300 10		F R		997.2 ESE	12	44	43	42	10	
04 0000 00		F		1000.3 SSE	13	37	37	37	10	
05 0003 00		1/2F		1011.9 W	05	33	33	33	10	
06 0800 15				1017.5 NNE	14	41	40	40	10	
07 0405 12				1012.0 N	07	42	42	41	9	
08 UNL 15				1011.4 N	18	40	39	38	4	
09 UNL 15				1016.0 SW	07	36	36	35	1	
10 0001 00		1/8F		1018.6 NW	16	31	31	31	10	
11 0004 00		1/8F		1018.8 S	06	32	32	32	3	
12 UNL 15				1007.7 SE	18	49	45	42	3	
13 0800 04		F		1004.4 S	08	39	39	39	9	
14 0003 01		F		1007.9 NNN	26	31	31	31	10	
15 0003 01		F		1012.8 WNW	12	32	32	32	10	
16 0021 01		F		1008.5 S	18	35	35	35	10	
17 0001 00		1/8F		1005.5 NW	24	33	33	33	10	
18 0300 12				1004.0 NE	12	42	40	37	10	
19 0405 12				994.0 NE	22	50	49	48	10	
20 0002 00		1/4F		1001.6 N	24	34	34	34	10	
21 0405 12				1009.4 SE	07	37	37	36	9	
22 0000 00		F		1009.7 SSW	12	35	35	35	10	
23 UNL 15				1015.1 ENE	14	42	41	39	6	
24 UNL 15				1021.9 NE	12	39	38	38	3	
25 UNL 15				1024.8 N	05	48	46	45	1	
26 0800 12				1020.8 SE	18	45	42	39	10	
27 0003 00		3/8F		1028.7 N	12	31	31	31	10	
28 UNL 15				1028.5 E	16	40	38	35	2	
29 UNL 15				1021.2 SE	14	45	42	38	1	
30 0007 07				1010.0 SSE	18	42	41	39	9	
31 0003 00		3/8F		1010.1 WNW	12	40	40	40	10	
AVG				1012.0	14	38	38	37	08	

SACHS HARBOUR NMT
JULY 1961 0400 PST

01 UNL 00		3/8L-F		1015.8 WSW	07	31	31	31	6	
02 0008 08				1003.7 S	14	33	33	33	10	
03 0003 00		3/8L-F		996.7 E	10	43	43	42	10	
04 0400 00		F		1001.4 SSW	08	38	38	38	10	
05 UNL 04		F		1013.7 NW	04	33	33	32	2	
06 0600 15				1017.7 NE	12	42	42	41	8	
07 UNL 15				1011.1 NE	45	44	43	42	2	
08 0800 15				1012.8 NNE	12	40	37	34	8	
09 UNL 15				1015.8 SW	04	38	37	36	3	
10 0600 00		1/4F		1019.7 NW	14	31	31	31	6	
11 0004 00		1/8F		1018.1 SE	07	32	32	32	10	
12 UNL 15				1006.6 SE	18	52	48	43	5	
13 0000 00		F		1004.8 NW	07	39	39	39	10	
14 0003 03		F		1008.0 NNN	28	31	31	31	10	
15 2300 04		F		1012.4 W	12	31	31	31	10	
16 0900 15				1006.7 SE	16	35	35	34	10	
17 0000 00		F		1007.2 NW	16	32	32	32	10	
18 0305 08		R-		1002.3 NE	16	43	41	39	10	
19 0006 04		R-		993.9 NNE	10	48	48	47	10	
20 0005 00		3/8F		1005.5 N	24	32	32	32	10	
21 0400 15				1008.4 E	12	41	37	35	9	
22 0400 06		F		1011.1 WSW	10	37	37	37	9	
23 UNL 15				1015.2 ESE	14	46	42	38	2	
24 UNL 15				1023.0 N	10	39	38	36	2	
25 UNL 15				1024.9 SE	08	42	40	39	3	
26 0500 12				1019.3 SE	18	46	42	38	10	
27 UNL 00		1/4F		1025.7 N	12	31	31	31	8	
28 UNL 15				1028.1 E	12	44	40	36	1	
29 UNL 15				1020.0 ESE	16	46	42	36	1	
30 0004 04		F		1010.6 W	12	40	39	39	10	
31 0001 00		F		1009.1 NW	10	41	41	41	10	
AVG				1012.0	12	39	38	36	07	

Date	Calling (100% N)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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SACHS HARBOUR NMT
JULY 1961 0700 PST

01 UNL 02		F		1014.6 SW	03	33	32	32	8	
02 0002 00		3/4F		1002.5 SSE	14	35	35	35	10	
03 0100 12				996.6 SSE	08	43	43	42	10	
04 0000 00		F		1002.4 S	08	38	38	38	10	
05 0003 00		3/4F		1014.9 N	04	36	36	35	10	
06 0500 15				1017.4 NE	11	46	45	44	9	
07 UNL 15				1019.7 S	04	49	48	47	1	
08 0800 15				1013.0 N	12	41	37	35	9	
09 0600 15				1015.9 S	06	39	38	36	9	
10 0100 15				1020.1 W	02	35	34	33	9	
11 UNL 15				1016.6 SE	09	36	36	35	5	
12 UNL 15				1005.2 SSE	22	31	48	44	2	
13 0006 07				1004.7 N	14	36	36	36	10	
14 UNL 15				1008.9 NW	24	31	31	31	10	
15 0003 01		F		1012.2 W	10	32	32	31	10	
16 0600 08		R-F		1004.3 SE	20	37	36	36	10	
17 UNL 00		1/4F		1008.0 NW	08	32	32	32	6	
18 0500 12				999.8 ENE	14	46	45	44	9	
19 0800 06		R-		993.9 N	12	47	47	46	10	
20 0500 00		3/8F		1005.2 NNN	20	35	35	35	10	
21 UNL 15				1006.8 SE	16	49	44	38	4	
22 UNL 08				1013.0 SW	12	38	38	37	4	
23 UNL 15				1015.8 E	09	51	46	42	9	
24 UNL 15				1023.9 N	16	49	46	44	2	
25 2300 15				1028.6 SE	12	47	42	37	9	
26 0300 12				1012.8 SE	22	45	43	41	10	
27 0006 12				1030.8 N	06	34	33	33	9	
28 UNL 15				1027.2 ESE	14	50	44	38	1	
29 UNL 15				1018.9 ESE	12	52	46	39	1	
30 0006 07				1010.5 W	16	39	38	38	10	
31 0105 08				1008.2 NW	06	43	42	42	9	
AVG				1011.8	12	41	40	38	08	

SACHS HARBOUR NMT
JULY 1961 1000 PST

01 UNL 08				1013.3 SW	09	35	34	33	3	
02 0001 00		1/2F		1001.7 SSE	06	37	37	37	10	
03 0102 12				997.1 S	06	43	43	42	10	
04 0000 00		F		1003.8 SW	04	38	38	38	10	
05 0007 12				1015.4 NNN	06	41	40	38	10	
06 UNL 15				1017.4 S	02	43	43	42	9	
07 UNL 15				1010.6 SW	06	49	46	44	2	
08 0800 15				1013.8 NW	12	39	38	36	9	
09 0900 15				1015.6 SW	06	40	38	37	10	
10 0700 12				1020.6 WNW	12	38	36	35	9	
11 0800 15				1015.0 S	08	42	38	31	8	
12 UNL 15				1004.7 SSE	20	50	47	44	3	
13 0600 15				1004.5 N	22	39	37	36	9	
14 0008 08				1009.3 NW	24	31	31	31	10	
15 0800 08				1012.2 W	08	35	35	35	9	
16 0102 08		R-		1002.2 SE	18	38	38	37	10	
17 UNL 00		1/2F		1008.4 S	08	33	33	33	9	
18 0500 15				998.5 SW	04	46	44	42	10	
19 0007 06		R-		994.6 N	12	46	45	45	10	
20 0800 15				1007.0 NNN	08	39	38	38	8	
21 0405 15				1005.2 SE	12	50	46	42	9	
22 UNL 15				1014.0 W	09	41	40	38	2	
23 2000 15				1016.7 E	04	54	47	40	9	
24 UNL 15				1024.2 NNN	04	53	46	40	1	
25 2300 15				1024.2 SSE	10	50	44	37	8	
26 0800 10				1015.1 S	10	43	43	42	9	
27 0900 15				1031.0 C	00	42	39	35	9	
28 UNL 15				1026.1 SE	18	55	47	38	1	
29 UNL 15				1017.2 SSE	06	56	49	43	1	
30 0008 10				1010.8 WNW	16	39	38	36	10	
31 0002 00		1/2F		1006.8 S	09	40	40	40	10	
AVG				1011.7	10	43	41	38	08	

Date	Calling (100% N)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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SACHS HARBOUR NMT
JULY 1961 1300 PST

01 0005 08				1012.3 WSW	13	35	33	32	7	
02 0800 15				1000.9 SE	06	37	37	36	10	
03 0001 00		1/8F		998.2 SSE	06	41	41	41	10	
04 0004 08				1005.4 WSW	10	37	37	36	10	
05 UNL 15				1016.1 NNN	08	48	44	40	7	
06 UNL 15				1016.9 SSE	04	45	43	41	5	
07 UNL 15				1010.7 S	08	46	44	42	2	
08 0405 15				1015.0 NW	10	39	37	35	9	
09 0600 15				1015.4 W	06	42				

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Calling (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT
AUGUST 1961 0100 PST

01 015 10				997.5 SE	24	43	42	41	10	
02 025 12				1002.1 S	20	39	39	38	9	
03 005 07			S-	1002.3 WSW	18	34	33	33	10	
04 001 00	1/2F			1007.6 NW	06	30	30	30	10	
05 000 00			F	1014.0 N	12	31	31	31	10	
06 UNL 15				1014.1 ENE	14	43	41	39	1	
07 UNL 15				1018.0 N	08	38	37	37	3	
08 UNL 15				1020.0 NNE	16	41	39	37	3	
09 000 00			F	1022.5 N	18	32	32	32	10	
10 015 15				1029.2 NE	06	35	34	32	9	
11 UNL 15				1017.0 E	08	40	37	34	4	
12 UNL 15				1003.5 SE	16	46	42	38	1	
13 001 00	1/2F			999.5 NW	25	36	36	36	10	
14 005 10				1011.8 W	12	34	34	33	10	
15 004 08				1010.8 W	09	32	32	31	10	
16 004 05			S-F	1009.5 W	06	32	32	32	10	
17 010 12				1012.8 C	00	34	33	33	10	
18 003 02			F	1016.9 NW	16	33	33	33	10	
19 070 15				1012.6 SE	12	40	39	38	7	
20 050 15				1005.4 NE	08	42	41	41	10	
21 007 12				1013.3 NE	06	36	36	35	10	
22 002 00	1/2R-F			1000.3 SE	20	41	41	41	10	
23 050 15				1004.3 ENE	18	35	35	34	9	
24 002 00	1/2F			1003.8 NW	18	35	35	35	10	
25 008 12				1013.9 NE	26	30	29	29	9	
26 004 02			S-	1012.7 NE	25	31	30	30	10	
27 025 15				1014.8 NE	24	31	32	31	9	
28 030 15				1021.3 ENE	12	29	28	26	7	
29 030 15				1024.5 ENE	12	27	26	24	7	
30 UNL 15				1022.0 NE	08	27	26	24	1	
31 018 15				1013.6 NE	14	24	23	19	10	
AVG				1011.8	14	35	34	33	08	

SACHS HARBOUR NMT
AUGUST 1961 0400 PST

01 015 08				997.4 SE	17	44	43	42	10	
02 007 10				1001.8 WSW	22	38	37	37	9	
03 004 03			S-	1002.3 WSW	16	33	32	32	10	
04 UNL 01			F	1009.4 N	04	30	30	30	7	
05 UNL 12				1014.4 NNE	12	31	31	30	1	
06 UNL 15				1014.5 NE	20	41	39	36	1	
07 UNL 15				1018.5 N	06	38	37	37	1	
08 UNL 00	1/2F			1020.7 N	14	36	36	36	8	
09 UNL 15				1022.8 N	12	33	33	32	3	
10 UNL 15				1023.1 NE	14	31	32	31	9	
11 UNL 15				1015.4 ESE	18	40	37	32	2	
12 UNL 15				1001.4 E	12	47	45	42	2	
13 003 04			F	1002.3 NW	33	33	33	32	10	
14 004 05			R-	1011.8 W	10	34	34	34	10	
15 005 04			S-	1010.6 W	04	32	32	32	10	
16 004 01			S-F	1009.7 W	06	31	31	31	10	
17 009 12				1013.1 C	00	34	33	33	10	
18 004 04			F	1017.8 NW	14	33	33	33	10	
19 040 10			RW-	1011.6 SSE	10	41	40	40	9	
20 080 15				1004.1 N	06	41	41	40	10	
21 009 12				1011.5 ENE	12	35	34	34	10	
22 000 00			L-F	1000.2 SE	12	41	41	41	10	
23 010 15				1004.2 E	16	34	33	33	9	
24 UNL 00	1/2F			1005.1 W	12	31	31	31	9	
25 008 15				1013.7 NE	30	31	31	30	9	
26 008 08				1012.8 NE	24	30	29	28	10	
27 025 15				1017.0 NE	20	30	30	28	9	
28 015 15				1022.1 E	18	27	26	24	1	
29 015 15				1023.1 E	16	26	25	23	8	
30 UNL 15				1020.8 E	04	28	27	24	1	
31 015 15				1013.0 NE	08	23	22	18	10	
AVG				1011.9	13	34	34	32	08	

SACHS HARBOUR NMT
AUGUST 1961 0700 PST

01 006 05			F	996.7 SE	16	43	43	43	10	
02 007 08				1002.2 SW	26	36	36	35	10	
03 005 08				1001.8 SW	14	34	34	33	10	
04 UNL 00	1/4F			1010.7 N	04	34	34	34	9	
05 UNL 15				1014.2 NE	12	36	36	35	1	
06 UNL 15				1015.1 NE	26	41	39	37	1	
07 UNL 15				1018.5 N	06	44	42	40	1	
08 UNL 12				1020.9 N	18	40	39	38	3	
09 UNL 15				1022.9 NNE	20	35	35	34	5	
10 UNL 15				1022.6 E	08	35	34	31	2	
11 UNL 15				1013.6 E	16	46	41	36	3	
12 120 15				1000.1 SE	08	51	47	43	6	
13 004 05			S-	1005.0 NW	29	33	33	32	10	
14 006 12				1011.5 W	12	35	35	34	10	
15 004 08				1010.3 NW	02	32	32	31	9	
16 005 01			F	1010.7 NW	06	42	42	42	10	
17 009 15				1013.4 SE	04	35	35	34	10	
18 006 12				1018.5 NW	10	33	33	32	10	
19 080 00	1/2F		R-F	1010.9 SE	02	41	41	41	10	
20 008 02				1004.2 N	16	38	38	38	10	
21 040 15				1012.0 N	12	38	38	35	9	
22 002 00	1/2L-F			1001.1 E	12	40	40	40	10	
23 010 15				1004.3 SE	08	37	36	34	9	
24 UNL 01			F	1006.3 NNE	12	31	31	31	4	
25 015 12				1013.0 NE	30	31	31	30	10	
26 010 10				1013.6 NE	24	30	29	28	10	
27 018 15				1012.5 NE	24	32	32	31	9	
28 015 15				1022.6 E	20	28	27	25	9	
29 015 15				1025.1 E	16	26	26	24	6	
30 UNL 15				1019.4 N	06	29	27	24	1	
31 015 15				1012.5 NE	08	24	23	19	10	
AVG				1011.9	14	35	35	33	07	

SACHS HARBOUR NMT
AUGUST 1961 1000 PST

01 000 00			F	996.6 SE	20	42	42	42	10	
02 003 00	3/4F			1002.7 SW	22	36	36	36	10	
03 004 03			L-	1001.3 W	16	33	33	33	10	
04 009 15				1010.7 N	12	38	38	38	10	
05 UNL 15				1013.8 SE	04	48	45	43	2	
06 UNL 15				1015.7 ENE	14	48	45	41	3	
07 UNL 15				1018.3 N	14	51	45	40	2	
08 UNL 15				1021.4 N	16	47	44	41	2	
09 015 15				1024.1 NE	20	38	36	35	9	
10 UNL 15				1010.7 W	12	33	33	32	2	
11 UNL 15				1012.2 SE	22	53	45	36	2	
12 100 15				998.7 SE	20	51	47	44	9	
13 003 02			F	1006.7 NW	26	34	34	34	10	
14 012 10				1011.0 WSW	18	35	35	34	10	
15 008 08				1010.1 W	12	35	34	33	10	
16 003 05			F	1010.7 WSW	12	33	33	33	10	
17 015 15				1013.8 SE	14	37	37	36	10	
18 006 05			R-F	1018.2 S	08	36	36	36	10	
19 050 08				1010.0 SE	06	43	43	43	9	
20 008 10			R-	1005.5 NW	10	41	40	40	10	
21 002 00			1/2F	1009.2 SE	18	39	39	39	10	
22 020 15				1001.7 E	18	41	41	40	10	
23 UNL 15				1003.5 SSE	08	40	38	36	4	
24 004 02			F	1007.9 N	24	33	33	33	9	
25 015 15				1013.5 NE	28	32	32	32	10	
26 045 15				1013.9 NE	24	31	29	27	7	
27 070 15				1017.1 NE	24	34	32	29	10	
28 015 15				1023.2 E	20	29	27	24	9	
29 UNL 15				1024.8 ESE	08	30	29	27	2	
30 UNL 15				1018.3 NE	14	32	29	25	1	
31 018 15				1012.2 NW	08	24	23	19	10	
AVG				1011.9	16	38	37	35	08	

SACHS HARBOUR NMT
AUGUST 1961 1300 PST

01 000 00			F	998.3 WSW	16	41	41	41	10	
02 004 05			S-	1003.2 SW	24	36	36	36	10	
03 003 05				1001.6 W	18	35	35	35	10	
04 009 10				1012.4 NNE	12	34	34	33	10	
05 UNL 15				1013.7 SW	06	50	45	40	2	
06 UNL 15				1016.3 NE	12	52	46	40	2	
07 UNL 15				1018.4 NNE	18	54	48	43	6	
08 UNL 15				1022.1 SSE	12	45	43	41	2	
09 UNL 15				1024.1 N	18	44	40	35	3	
10 UNL 15				1021.7 SSE	16	44	40	38	1	
11 UNL 15				1010.5 SE	26	55	47	37	2	
12 012 08			F	997.3 SSE	18	48	47	45	10	
13 006 05				1008.5 NW	26	35	34	34	10	
14 008 08				1011.0 W	16	35	35	34	10	
15 008 05			F	1010.2 W	14</					

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Cloud (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NWT
SEPTEMBER 1961 0100 PST

01 004 08			1020-1 N	16	23	23	22	10		
02 005 08			1012-3 E	06	24	24	22	10		
03 015 08			1007-9 NE	06	29	28	25	10		
04 025 15			1006-1 E	14	29	28	26	9		
05 013 15			1012-9 ENE	06	28	27	24	10		
06 015 15			1015-0 SE	15	32	32	31	10		
07 UNL 15			1011-1 ESE	20	31	30	29	0		
08 UNL 15			1008-7 E	20	32	31	28	0		
09 014 15			1020-6 ENE	11	28	27	24	10		
10 010 15			1025-3 SE	09	27	26	24	10		
11 003 10			1016-0 SSE	23	33	33	33	10		
12 001 00	1/8F		1007-9 SE	06	36	36	36	10		
13 004 08			1018-2 NNN	00	25	24	22	10		
14 UNL 15			1021-1 E	13	30	29	27	3		
15 UNL 15			1008-1 E	12	32	31	29	5		
16 UNL 15			1003-0 NE	20	22	22	19	0		
17 014 15			1007-9 NNE	18	19	18	15	10		
18 020 10		S-	1014-8 NW	14	23	23	21	9		
19 UNL 15			1006-3 NNE	11	14	14	12	2		
20 010 08		S-	1009-3 NW	14	24	24	23	10		
21 UNL 15			1010-3 WSW	12	23	23	22	3		
22 007 12			1012-7 N	10	14	14	11	10		
23 UNL 15			1016-6 NNE	11	08	08	05	1		
24 012 15			1012-0 ESE	20	31	30	29	1		
25 020 15			1014-7 E	15	22	22	21	10		
26 008 08		S-	1018-1 SE	24	28	28	27	10		
27 012 15			1021-9 S	11	26	26	25	9		
28 005 01		S-	1018-5 SE	27	29	29	29	10		
29 015 15			1018-0 E	25	26	25	24	10		
30 UNL 15			1021-2 NE	11	02	02	00	0		

AVG 1013.6 15 25 24 23 07

SACHS HARBOUR NWT
SEPTEMBER 1961 0400 PST

01 006 10			1010-5 N	14	21	21	18	10		
02 003 03		IF	1012-0 E	08	25	24	23	10		
03 015 08			1007-3 NE	04	28	28	26	10		
04 080 15			1007-1 NE	08	25	25	23	6		
05 013 15			1013-5 ESE	06	27	26	23	6		
06 022 15			1014-7 ESE	12	33	31	29	10		
07 UNL 15			1010-1 E	20	31	30	29	1		
08 UNL 15			1010-5 E	17	31	29	26	1		
09 014 15			1021-6 E	12	26	25	22	10		
10 012 15			1025-3 E	08	27	26	24	10		
11 001 00	1/4F		1016-9 SE	22	34	34	33	10		
12 001 00	1/8F		1008-1 NW	11	36	36	36	10		
13 004 10			1020-6 NNE	18	26	26	25	10		
14 UNL 15			1019-6 E	15	32	32	22	4		
15 140 15			1005-3 E	11	33	32	31	9		
16 008 15			1002-8 NE	18	21	21	19	8		
17 014 15		SW-	1009-1 N	08	20	19	15	10		
18 016 12		S-	1015-2 WNW	16	23	22	20	10		
19 004 10			1005-7 N	12	21	21	19	10		
20 009 12		S-	1010-0 NW	18	26	26	25	10		
21 016 15			1009-4 SW	10	26	26	25	10		
22 008 12			1013-7 NW	08	16	16	14	10		
23 UNL 15			1016-7 NNE	12	04	04	01	1		
24 020 15			1011-7 E	21	23	22	19	9		
25 015 15			1015-3 E	19	22	22	20	10		
26 002 00	3/4S-		1018-6 SE	22	29	29	29	10		
27 003 06	F		1021-8 SSE	05	25	25	24	9		
28 007 06	S-		1018-0 SE	28	28	28	27	10		
29 020 15			1018-5 E	22	23	23	21	9		
30 UNL 15			1021-6 NE	18	-01	00	-03	0		

AVG 1013.7 14 25 24 22 08

Date	Cloud (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NWT
SEPTEMBER 1961 0700 PST

01 010 15			1011-4 NNE	12	21	20	16	10		
02 003 02		IF	1011-9 NE	10	24	25	23	10		
03 015 15			1006-5 E	10	29	28	25	10		
04 050 15			1008-0 NNE	07	26	26	24	9		
05 015 15			1014-0 ESE	06	27	26	24	10		
06 022 15			1014-4 E	16	33	31	29	7		
07 UNL 15			1009-3 NE	20	33	32	31	1		
08 UNL 15			1012-1 E	18	32	30	28	2		
09 015 15			1022-5 E	10	27	25	23	10		
10 012 15			1025-1 E	09	28	27	24	10		
11 004 06		F	1014-8 SE	24	35	35	35	10		
12 001 00	1/8F		1008-5 NNE	20	32	32	32	10		
13 010 12			1022-1 NE	16	25	25	24	10		
14 UNL 15			1017-7 E	17	32	32	31	6		
15 140 15			1004-5 NE	12	32	31	30	9		
16 008 08			1002-8 NNE	14	22	21	20	8		
17 015 15			1010-5 ENE	06	19	18	14	10		
18 015 12			1014-1 WNW	21	22	22	19	10		
19 070 15			1006-0 N	16	22	22	20	10		
20 009 12			1010-7 NW	11	26	26	25	10		
21 015 15			1009-0 W	12	25	25	24	10		
22 008 12			1013-4 WNW	20	19	19	17	10		
23 UNL 15			1015-5 NNE	15	05	05	02	1		
24 020 15			1014-1 WNW	21	22	22	21	10		
25 020 15			1015-8 E	18	23	22	20	10		
26 005 01	1/4S-		1018-7 SE	27	29	29	29	10		
27 UNL 00	3/8F		1021-7 E	09	25	25	24	8		
28 008 04		S-BS	1017-6 SE	32	28	28	28	10		
29 UNL 15			1018-7 E	22	20	20	18	9		
30 UNL 15			1021-7 NE	14	-04	-03	-05	1		

AVG 1013.7 16 25 24 23 08

SACHS HARBOUR NWT
SEPTEMBER 1961 1000 PST

01 008 12			1011-7 NE	14	22	21	19	10		
02 007 10			1011-5 E	08	26	26	24	10		
03 022 12			1006-2 NE	10	30	29	27	10		
04 080 15			1008-6 NE	10	29	29	27	9		
05 015 15			1014-5 C	00	28	27	24	10		
06 015 15			1013-4 SE	20	36	34	32	7		
07 UNL 15			1008-3 ESE	23	33	33	31	1		
08 UNL 15			1014-1 E	16	33	30	26	4		
09 010 15			1023-4 E	08	27	27	25	10		
10 012 15			1025-1 SSW	06	29	28	26	10		
11 008 10			1013-8 ESE	20	36	36	35	10		
12 008 05		F	1010-2 WNW	20	30	30	29	10		
13 UNL 15			1013-6 NE	06	28	27	26	5		
14 UNL 15			1014-4 ESE	22	35	33	29	6		
15 120 15			1003-9 E	06	36	34	32	9		
16 008 15			1002-8 NNE	16	21	21	18	10		
17 010 08		S-	1012-1 C	00	19	19	16	10		
18 009 12			1012-9 NW	12	20	20	18	10		
19 070 15			1007-0 N	10	27	26	26	10		
20 010 12			1011-1 NW	12	28	28	27	10		
21 003 00	5/8F		1008-5 NW	15	22	22	20	10		
22 008 12			1013-5 NW	20	20	20	18	10		
23 UNL 15			1015-1 E	08	13	13	09	3		
24 020 15			1012-7 ESE	24	24	23	20	10		
25 015 15			1016-7 ESE	20	24	23	20	10		
26 005 02		F	1019-8 SE	30	28	28	27	10		
27 UNL 03		S-BS	1021-6 S	06	26	26	25	7		
28 008 02			1017-5 SE	30	28	28	27	10		
29 UNL 15			1019-0 E	20	18	18	15	3		
30 080 15			1021-7 NE	12	02	02	-01	7		

AVG 1013.9 14 26 25 23 08

Date	Cloud (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NWT
SEPTEMBER 1961 1300 PST

01 008 10			1012-3 N	08	23	23	21	10		
02 010 15			1011-0 NE	06	29	28	26	10		
03 015 10			1005-6 NE	04	32	31	29	10		
04 025 15			1009-8 SSE	04	33	31	29	9		
05 013 15			1015-2 ESE	03	30	29	26	10		
06 015 15			1013-1 SE	22	38	36	35	8		
07 UNL 15			1007-3 E	30	39	37	35	1		
08 015 15			1015-6 E	18	32	30	26	10		
09 015 15			1024-1 E	08	28	27	24	10		
10 016 15			1024-5 C	00	31	29	28	10		
11 020 15			1012-3 SE	24	36	36	35	10		
12 UNL 15			1011-7 NW	22	29	28	27	4		
13 UNL 15			1023-4 NE	08	35	32	27	3		
14 UNL 15			1014-5 ESE	22	38	35	31	2		
15 200 15			1003-6 ENE	04	38	36	32	8		

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Calling (1000 RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heats)
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SACHS HARBOUR NWT
OCTOBER 1961 0100 PST

01 080 15	1020.1	NE	12	04	04	02	9			
02 UNL 15	1019.6	NE	06	05	05	01	0			
03 UNL 15	1013.1	NE	10	-01	-01	-04	2			
04 UNL 15	1009.7	NE	14	-02	-02	-07	0			
05 UNL 15	1011.2	NE	10	-06	-06	-12	1			
06 035 15	1017.6	NE	02	08	07	02	10			
07 010 08	1017.0	W	18	12	12	10	10			
08 012 10	1010.9	W	08	11	11	08	10			
09 UNL 15	1012.5	N	08	-07	-07	-11	0			
10 010 15	1019.9	C	00	09	09	07	10			
11 012 15	1020.7	NE	06	05	05	03	10			
12 010 04	1010.7	N	04	10	10	08	10			
13 UNL 15	1011.9	SW	04	01	-01	-04	1			
14 010 03	1013.3	WSW	24	09	09	06	10			
15 010 15	1015.5	E	10	08	08	05	10			
16 010 08	1013.2	E	14	09	09	08	10			
17 UNL 15	1012.5	NE	16	-07	-07	-11	0			
18 UNL 15	1018.9	NE	16	-10	-10	-15	0			
19 UNL 15	1031.2	N	05	-08	-08	-12	2			
20 010 05	1016.4	SE	28	13	13	11	10			
21 080 15	1007.1	C	00	21	22	20	8			
22 007 08	1007.1	SE	18	20	20	18	10			
23 UNL 15	1007.0	E	16	07	07	04	5			
24 UNL 15	1010.1	SE	16	07	07	04	10			
25 010 15	1009.7	E	08	14	14	12	10			
26 010 07	1002.3	E	20	15	15	13	10			
27 010 10	1004.7	C	00	15	15	13	10			
28 UNL 03	1011.3	N	08	-08	-08	-12	1			
29 UNL 00	1003.6	ESE	03	05	05	01	5			
30 UNL 15	1009.5	E	10	01	-03	-4	10			
31 035 12	1014.2	N	12	05	06	02	10			
AVG	1013.0		11	05	05	02	06			

SACHS HARBOUR NWT
OCTOBER 1961 0400 PST

01 080 15	1019.7	NNE	04	01	01	-01	8			
02 UNL 15	1019.3	E	10	02	02	-01	0			
03 100 15	1012.2	NE	14	02	03	00	8			
04 UNL 15	1009.0	ENE	16	03	02	-04	0			
05 UNL 15	1012.0	NE	06	-06	-06	-11	1			
06 035 15	1017.4	C	00	10	10	03	10			
07 010 09	1014.0	W	22	12	12	10	10			
08 009 15	1009.8	NW	03	11	11	08	10			
09 UNL 15	1013.9	N	18	-04	-06	-07	3			
10 018 15	1020.5	NNW	16	09	09	08	10			
11 012 15	1019.1	ENE	06	06	06	03	10			
12 014 15	1009.6	NW	06	08	08	05	10			
13 028 15	1011.6	SW	10	05	05	02	9			
14 008 12	1014.2	W	22	10	10	07	10			
15 010 15	1015.5	NE	20	05	05	02	8			
16 010 08	1012.4	E	10	07	07	05	10			
17 UNL 15	1012.7	NE	16	-10	-10	-15	0			
18 UNL 15	1019.1	ENE	12	-07	-07	-11	0			
19 UNL 15	1031.5	NE	02	-07	-07	-10	2			
20 010 05	1014.2	SE	28	13	13	11	10			
21 016 15	1007.7	C	00	20	20	19	9			
22 UNL 15	1006.8	SE	12	13	13	11	3			
23 010 15	1007.2	E	20	10	10	08	9			
24 UNL 15	1014.7	SE	16	03	03	02	0			
25 004 15	1009.3	E	08	12	12	10	9			
26 008 05	1001.5	E	20	18	18	17	10			
27 010 10	1005.8	N	02	15	15	13	10			
28 UNL 10	1011.6	NNE	06	-08	-08	-12	1			
29 UNL 12	1011.6	E	06	-02	-02	-06	2			
30 UNL 15	1016.8	E	16	03	03	0	3			
31 030 12	1014.5	N	08	05	05	02	10			
AVG	1012.8		11	05	05	02	06			

SACHS HARBOUR NWT
OCTOBER 1961 0700 PST

01 080 15	1019.3	NE	10	00	00	-02	6			
02 UNL 15	1019.1	ENE	14	01	01	-01	4			
03 020 15	1011.7	NE	16	11	11	08	10			
04 UNL 15	1008.7	E	16	01	00	-06	0			
05 UNL 15	1012.8	NE	10	01	00	-06	0			
06 015 12	1017.3	SSW	09	14	13	08	10			
07 010 02	1015.4	W	20	12	12	10	10			
08 010 15	1008.9	NW	06	11	11	08	10			
09 015 15	1015.3	N	12	01	01	-02	9			
10 UNL 15	1021.2	NNW	06	-02	-02	-05	4			
11 012 15	1018.0	E	11	07	07	05	10			
12 020 15	1009.6	NW	08	06	06	03	10			
13 025 10	1011.5	SW	15	07	07	05	10			
14 008 12	1015.1	WSW	10	10	10	07	10			
15 015 15	1015.2	NE	18	06	06	03	8			
16 070 15	1012.2	NE	08	04	04	01	9			
17 UNL 15	1013.3	NE	18	-11	-11	-16	0			
18 UNL 15	1021.0	NE	16	-15	-15	-20	1			
19 UNL 15	1031.5	ESE	06	-06	-06	-09	3			
20 040 12	1011.8	E	18	12	12	10	7			
21 015 15	1008.2	SE	04	19	19	18	10			
22 010 15	1006.7	E	12	17	17	15	7			
23 010 15	1007.8	E	19	11	11	08	9			
24 UNL 15	1010.5	ESE	14	05	05	02	5			
25 006 15	1008.7	E	12	12	12	10	9			
26 006 03	1001.0	SE	24	17	17	15	10			
27 010 15	1006.4	N	02	14	14	12	3			
28 UNL 15	1011.3	NE	06	-08	-08	-12	3			
29 080 15	1000.8	E	08	06	06	03	6			
30 100 15	1012.3	S	08	03	03	00	7			
31 025 10	1014.8	N	12	04	04	01	10			
AVG	1012.8		12	05	05	02	07			

SACHS HARBOUR NWT
OCTOBER 1961 1000 PST

01 UNL 15	1019.2	NE	18	01	01	-03	5			
02 UNL 15	1018.1	NE	12	00	00	-02	3			
03 100 15	1011.5	ENE	20	12	12	09	10			
04 UNL 15	1008.5	NE	20	-01	-01	-05	1			
05 UNL 15	1013.6	NNE	07	04	03	00	2			
06 030 15	1017.5	N	08	09	09	05	9			
07 010 10	1014.8	NW	22	11	11	08	10			
08 010 15	1008.4	NNW	05	12	12	10	10			
09 010 15	1016.8	NE	05	-01	-01	-05	10			
10 UNL 15	1021.8	NNW	12	-03	-03	-08	5			
11 015 12	1010.0	E	14	08	08	05	10			
12 009 15	1009.7	NNW	14	03	03	00	10			
13 008 03	1011.7	SW	22	06	06	03	10			
14 009 12	1016.3	W	08	10	10	07	10			
15 025 15	1014.7	E	18	05	05	02	9			
16 UNL 15	1011.8	NE	11	-01	-01	-05	1			
17 UNL 15	1024.4	NE	17	-10	-10	-17	1			
18 UNL 10	1022.3	NNE	23	-14	-14	-18	3			
19 008 15	1029.7	ESE	14	-04	-04	-07	8			
20 080 15	1010.3	SE	17	15	15	13	10			
21 015 08	1007.8	SE	12	21	21	20	10			
22 030 15	1006.2	SE	15	19	19	17	10			
23 000 15	1008.3	E	17	08	08	05	9			
24 020 15	1010.9	E	11	07	07	05	10			
25 004 10	1007.5	SE	19	15	15	13	10			
26 008 10	1001.5	SE	20	15	15	13	10			
27 003 00	1007.0	N	07	10	10	08	10			
28 UNL 15	1011.5	NE	08	03	03	00	2			
29 100 15	1010.0	E	16	08	08	06	8			
30 008 06	1013.3	SE	06	09	09	07	10			
31 010 10	1015.1	NNE	20	05	05	02	10			
AVG	1012.9		14	06	06	03	08			

SACHS HARBOUR NWT
OCTOBER 1961 1300 PST

01 UNL 15	1019.7	NNE	08	06	05	02	3			
02 UNL 15	1017.8	E	06	06	06	03	2			
03 080 15	1011.3	E	17	13	13	09	9			
04 UNL 15	1009.0	NE	18	04	04	02	2			
05 080 15	1014.5	NNE	10	03	03	-02	9			
06 200 15	1017.7	W	15	08	08	05	8			
07 020 08	1014.3	WNW	18	13	13	10	10			
08 010 06	1008.2	N	07	12	12	10	10			
09 012 15	1017.8	NW	11	05	05	02	10			
10 008 12	1022.4	NW	10	01	01	-02	10			
11 010 06	1019.8	E	13	11	11	08	10			
12 UNL 15	1010.5	NNW	08	-09	-09	-14	3			
13 010 10	1012.2	SW	23	07	07	04	10			
14 009 08	1016.6	W	04	11	11	09	10			
15 020 02	1014.7	E	16	09	09	06	10			

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Calling (100% R/L)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (height)
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SACHS HARBOUR NWT
NOVEMBER 1961 0100 PST

01 UNL 01	F	1019.7 N	14	-06	-06	-09	5			
02 UNL 03	F	1020.5 N	05	02	02	-01	3			
03 UNL 15		1019.6 E	10	-06	-06	-09	0			
04 015 12	S-	1019.3 E	07	01	01	-02	10			
05 UNL 01	F	1013.7 NE	09	-06	-06	-09	0			
06 008 08	S-	1011.4 N	08	-02	-02	-05	10			
07 UNL 15		1019.8 NW	10	-18	-18	-22	0			
08 010 04	S-	1011.0 SW	22	-07	-07	-10	10			
09 UNL 15		1007.2 NE	06	-23	-23	-27	3			
10 UNL 15		1005.6 N	05	-16	-16	-20	4			
11 070 15		1006.2 SE	08	-11	-11	-16	7			
12 UNL 15		1004.6 S	08	-10	-10	-15	1			
13 UNL 15		1005.0 SE	08	-19	-19	-23	0			
14 UNL 15		1008.9 SSE	12	-20	-19	-24	0			
15 010 10		1008.3 WSW	18	07	08	05	7			
16 010 00	5/8BS	987.0 S	29	18	18	17	10			
17 009 10	S-	992.8 NNW	09	00	00	-03	10			
18 UNL 15		1006.6 NW	10	-15	-15	-19	6			
19 012 10	S-	1011.6 SE	19	03	03	00	10			
20 UNL 00	3/8F	1011.7 SE	10	-16	-16	-20	6			
21 220 10		1001.0 SE	20	02	02	-01	9			
22 UNL 15		1007.5 SE	20	-09	-09	-13	0			
23 070 12	S-	1012.9 SE	14	-01	-01	-04	9			
24 070 12		1008.0 SE	10	-06	-05	-09	8			
25 UNL 15		1004.6 S	19	03	03	00	10			
26 UNL 15		1024.0 SE	10	-24	-24	-30	4			
27 UNL 15		1031.7 N	12	-34	-34	-40	0			
28 UNL 15		1037.8 SE	12	-28	-28	-34	0			
29 UNL 12		1027.2 SSE	25	-07	-07	-11	4			
30 UNL 15		1029.8 SE	16	-12	-12	-17	0			
AVG		1012.6	12	-09	-09	-13	04			

SACHS HARBOUR NWT
NOVEMBER 1961 0400 PST

01 UNL 01	F	1020.2 N	12	-05	-05	-08	4			
02 UNL 01	F	1019.9 E	10	00	00	-02	4			
03 UNL 15		1019.7 E	06	-06	-06	-09	0			
04 025 12	S-	1019.0 E	08	01	01	-02	10			
05 UNL 01	F	1012.3 N	08	-08	-08	-12	6			
06 011 08	S-	1011.9 N	08	-01	-01	-03	10			
07 UNL 15		1011.6 SE	19	-19	-19	-24	0			
08 010 04	S-	1009.9 WSW	22	-05	-05	-08	10			
09 080 15		1006.7 NE	06	-22	-22	-26	0			
10 UNL 15		1006.0 N	05	-17	-17	-21	9			
11 UNL 15		1005.6 SE	12	-11	-11	-15	2			
12 UNL 15		1004.1 SSW	12	-07	-07	-12	2			
13 UNL 15		1004.6 SE	06	-18	-17	-22	0			
14 UNL 15		1008.4 SE	15	-19	-19	-23	0			
15 UNL 12		1008.5 SSE	17	-01	-01	-04	0			
16 005 12		986.4 SW	24	15	15	13	10			
17 UNL 06	F	993.5 N	12	-09	-09	-13	1			
18 UNL 15		1008.5 N	11	-19	-19	-24	0			
19 UNL 15		1008.2 SW	14	-03	-03	-06	9			
20 003 00	1/2F	1010.9 SE	10	-12	-12	-16	10			
21 UNL 12		1000.9 SSE	22	02	02	-01	5			
22 UNL 15		1008.1 SSE	18	-09	-09	-13	0			
23 025 10	S-	1013.9 SE	11	-01	-01	-04	10			
24 015 08	S-	1007.9 SE	08	-06	-06	-09	9			
25 UNL 15		1013.0 S	06	-17	-17	-22	1			
26 UNL 01	F	1021.4 SE	08	-22	-22	-26	3			
27 UNL 15		1034.1 NNW	10	-35	-35	-41	0			
28 UNL 15		1036.8 SE	14	-26	-26	-32	2			
29 UNL 12		1026.2 SE	28	-08	-08	-12	4			
30 UNL 15		1030.1 SE	15	-12	-12	-17	0			
AVG		1012.6	12	-10	-10	-14	04			

Date	Calling (100% R/L)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (height)
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SACHS HARBOUR NWT
NOVEMBER 1961 0700 PST

01 090 12		1020.5 N	12	-06	-06	-09	7			
02 UNL 12		1019.9 E	08	-03	-03	-06	2			
03 080 15		1019.8 E	07	-08	-08	-12	7			
04 023 10	S-	1018.6 E	06	00	01	-03	10			
05 002 00	3/8F	1010.8 C	00	-04	-04	-07	10			
06 010 06	S-	1012.9 NW	16	-02	-02	-05	10			
07 UNL 15		1018.1 NW	01	-17	-17	-22	0			
08 010 04	S-	1008.9 WSW	20	-03	-03	-06	10			
09 UNL 12	S-	1006.1 ENE	06	-19	-19	-22	10			
10 UNL 15		1006.2 ENE	06	-16	-16	-20	10			
11 070 15		1004.5 SE	11	-07	-07	-10	7			
12 070 10	S-	1004.2 SW	15	-06	-06	-11	7			
13 UNL 15		1004.9 SE	02	-16	-16	-20	0			
14 011 10		1008.4 SW	16	-07	-07	-10	10			
15 UNL 12		1007.5 SSE	16	-06	-06	-09	0			
16 005 12		987.1 SW	16	09	09	07	9			
17 UNL 15		994.4 W	18	-08	-07	-12	3			
18 UNL 15		1010.6 N	06	-20	-20	-24	0			
19 UNL 12		1008.5 N	12	-03	-03	-06	8			
20 006 10		1009.9 ESE	11	-11	-11	-15	10			
21 UNL 15		1001.1 SE	19	-01	-01	-04	4			
22 UNL 15		1009.0 SE	10	-09	-09	-13	2			
23 070 12	S-	1013.5 SE	14	-02	-02	-05	10			
24 015 08		1007.4 SE	08	-06	-05	-09	10			
25 UNL 12		1022.1 S	10	-17	-17	-22	9			
26 UNL 01	F	1022.1 S	10	-17	-16	-21	4			
27 UNL 15		1036.1 NW	10	-32	-32	-38	0			
28 UNL 15		1035.5 ESE	18	-23	-23	-29	0			
29 UNL 15		1026.4 SE	18	-10	-10	-15	0			
30 UNL 15		1030.2 SE	11	-11	-11	-16	0			
AVG		1012.6	11	-09	-09	-13	05			

SACHS HARBOUR NWT
NOVEMBER 1961 1000 PST

01 090 15		1021.0 NE	06	-09	-09	-13	7			
02 UNL 15		1020.0 SE	02	-03	-03	-06	7			
03 080 15		1019.7 E	04	-02	-02	-06	10			
04 008 10	S-	1018.1 C	00	01	01	-02	9			
05 006 08		1010.7 C	00	-03	-03	-06	10			
06 010 12		1014.4 W	22	-05	-05	-09	10			
07 UNL 15		1017.2 C	00	-14	-14	-18	6			
08 010 08	S-	1009.0 NNW	12	-02	-02	-05	10			
09 060 12	S-	1005.3 C	00	-16	-16	-18	10			
10 UNL 15		1006.6 E	02	-16	-16	-20	1			
11 070 15		1003.8 SE	16	-07	-07	-11	9			
12 UNL 15		1004.7 W	12	-12	-12	-16	2			
13 UNL 15		1005.5 ESE	02	-16	-16	-20	1			
14 015 10		1008.9 SE	14	00	00	-04	10			
15 UNL 12		1005.7 SE	26	-04	-04	-08	1			
16 001 00	1/8F	988.1 C	00	08	08	06	10			
17 010 15		996.4 NW	12	02	02	-01	10			
18 070 15		1011.2 NE	06	-14	-14	-19	9			
19 090 15		1009.0 NW	12	-06	-06	-10	7			
20 200 12		1007.9 SSE	14	00	00	-04	10			
21 UNL 15		1001.5 S	22	00	00	-04	5			
22 UNL 15		1010.2 SE	10	-10	-10	-14	1			
23 020 10	S-	1013.0 SE	14	-01	-01	-04	10			
24 010 06	S-	1007.0 SE	10	-04	-04	-07	10			
25 070 15		1016.8 SE	08	-16	-16	-20	9			
26 UNL 05	F	1021.2 SE	10	-18	-18	-22	4			
27 UNL 15		1037.6 E	12	-30	-30	-36	1			
28 UNL 15		1033.7 SE	22	-17	-17	-22	1			
29 UNL 15		1027.0 SE	16	-07	-07	-11	1			
30 UNL 15		1029.7 SE	14	-08	-08	-12	0			
AVG		1012.7	10	-08	-08	-12	06			

Date	Calling (100% R/L)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (height)
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SACHS HARBOUR NWT
NOVEMBER 1961 1300 PST

01 UNL 15		1021.0 NE	08	-10	-10	-15	4			
02 UNL 15		1020.0 SE	02	-03	-03	-07	5			
03 015 12		1019.9 C	00	01	01	-03	10			
04 008 12		1018.1 N	03	-02	-02	-06	10			
05 008 10		1010.3 C	00	00	00	-02	10			
06 UNL 15		1016.3 W	18	-13	-13	-18	1			
07 UNL 15		1016.1 C	00	-15	-15	-19	5			
08 010 15		1009.0 NW	12	-07	-07	-10	9			
09 070 15		1005.5 C	00	-14	-14	-17	9			
10 UNL 15		1007.1 C	00	-15	-15	-19	3			
11 010 03	BS	1003.0 S	24	-01	-01	-04	9			
12 UNL 15		1005.1 WSW	08	-13	-13	-17	1			
13 UNL 15		1006.7 SE	02	-13	-13	-17	1			
14 070 15		1009.4 S	14	-02	-02	-06	8			
15 080 06	BS	1001.3 SE	28	-06	-06	-10	6			
16 000 00	F	989.1 C	00	08	08	07	10			

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT
DECEMBER 1961 0100 PST

01 UNL 15				1023.6 E	04	-01	-01	-05	0	
02 UNL 15				1003.2 N	16	-11	-11	-15	4	
03 UNL 02	BS			995.9 N	30	-04	-04	-06	5	
04 070 15				994.8 N	10	-19	-19	-24	6	
05 UNL 15				998.3 NW	16	-19	-19	-23	5	
06 UNL 15				1017.1 W	12	-18	-18	-22	3	
07 UNL 15				1030.9 SE	08	-18	-18	-22	0	
08 UNL 15				1040.2 SE	10	-18	-18	-22	0	
09 UNL 15				1044.1 SE	12	-24	-24	-30	0	
10 UNL 15				1030.9 E	10	-16	-16	-21	0	
11 UNL 15				1024.3 E	18	-13	-13	-18	2	
12 UNL 00	BS			1015.8 ESE	28	-13	-13	-18	7	
13 015 01	BS			997.1 W	26	-09	-09	-13	8	
14 UNL 00	1/8BS			1003.7 WNW	28	-18	-18	-23	5	
15 UNL 15				1010.3 W	12	-29	-29	-35	0	
16 UNL 15				1022.2 N	06	-39	-39	-40	0	
17 UNL 15				1024.5 W	14	-27	-27	-33	0	
18 070 12				1023.9 NW	18	-19	-19	-24	9	
19 UNL 15				1021.0 N	10	-37	-37	-40	0	
20 UNL 15				1017.3 NE	12	-40	-40	-40	0	
21 UNL 15				1020.7 SSW	02	-28	-28	-34	6	
22 UNL 15				1033.1 SE	04	-32	-32	-38	0	
23 UNL 15				1034.1 SE	06	-31	-31	-37	0	
24 UNL 15				1033.3 C	00	-31	-31	-37	0	
25 UNL 15				1029.7 E	04	-28	-28	-34	2	
26 UNL 15				1025.0 NE	04	-38	-38	-40	0	
27 UNL 15				1023.6 C	00	-36	-36	-40	0	
28 UNL 15				1018.5 W	06	-36	-36	-40	0	
29 UNL 15				1015.0 C	00	-37	-37	-40	0	
30 UNL 15				1018.0 SW	06	-39	-39	-40	0	
31 UNL 15				1016.1 W	10	-35	-35	-41	0	
AVG				1019.5	11	-25	-25	-30	02	

SACHS HARBOUR NMT
DECEMBER 1961 0400 PST

01 UNL 15				1021.4 ESE	12	01	01	-02	0	
02 UNL 15				1001.9 E	16	-13	-13	-17	2	
03 000 00	1/8BS			993.3 N	34	-02	-02	-06	10	
04 UNL 15				995.0 E	10	-19	-19	-24	3	
05 UNL 15				1000.1 WNW	12	-21	-21	-25	2	
06 025 15				1018.6 W	06	-17	-17	-21	6	
07 UNL 15				1032.6 SE	12	-19	-19	-23	0	
08 UNL 15				1040.8 SE	08	-19	-19	-23	0	
09 UNL 15				1043.6 SE	14	-25	-25	-29	0	
10 UNL 15				1029.3 E	14	-14	-14	-19	0	
11 UNL 15				1024.1 E	18	-14	-14	-19	2	
12 UNL 00	1/8BS			1012.9 ESE	24	-13	-13	-18	4	
13 UNL 03	BS			998.4 WSW	20	-12	-12	-17	3	
14 UNL 00	1/8BS			1005.3 WNW	28	-19	-19	-24	5	
15 UNL 15				1009.3 W	08	-29	-29	-35	0	
16 UNL 15				1023.2 N	04	-37	-37	-40	0	
17 UNL 15				1024.8 W	16	-27	-27	-33	0	
18 070 10	S-			1025.0 NW	14	-19	-19	-23	10	
19 UNL 15				1019.7 N	06	-40	-40	-40	0	
20 UNL 15				1017.0 N	14	-40	-40	-40	0	
21 UNL 15				1022.5 C	00	-27	-27	-33	5	
22 UNL 15				1033.0 SE	04	-31	-31	-37	0	
23 UNL 15				1034.2 ESE	06	-31	-31	-37	0	
24 UNL 15				1032.6 C	00	-27	-27	-33	0	
25 UNL 15				1029.3 E	06	-27	-27	-33	0	
26 UNL 15				1024.1 N	10	-39	-39	-42	0	
27 UNL 15				1022.9 C	00	-35	-35	-40	0	
28 UNL 15				1017.4 W	06	-38	-38	-40	0	
29 UNL 15				1015.1 NW	04	-38	-38	-40	0	
30 UNL 15				1018.4 C	00	-36	-36	-40	0	
31 UNL 15				1016.3 W	12	-35	-35	-41	4	
AVG				1019.4	11	-25	-25	-30	02	

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT
DECEMBER 1961 0700 PST

01 UNL 15				1019.4 ESE	12	-01	-01	-04	0	
02 UNL 15				1001.0 E	17	-16	-16	-20	0	
03 000 00	BS			991.0 N	38	00	00	-04	10	
04 UNL 15				996.1 N	08	-25	-25	-31	2	
05 UNL 15				1001.8 NW	14	-21	-21	-25	0	
06 UNL 15				1019.6 W	10	-18	-18	-22	9	
07 UNL 15				1024.0 SE	12	-19	-19	-23	0	
08 UNL 15				1040.9 SE	08	-19	-19	-23	0	
09 UNL 15				1042.0 SE	10	-23	-23	-27	0	
10 UNL 15				1028.0 E	12	-14	-14	-19	0	
11 UNL 15				1023.7 E	18	-13	-13	-18	2	
12 UNL 00	BS			1010.0 ESE	28	-12	-12	-17	7	
13 UNL 00	1/8BS			998.4 W	30	-14	-14	-19	6	
14 UNL 00	1/8BS			1007.2 WNW	26	-21	-21	-26	5	
15 UNL 15				1008.3 NW	18	-26	-26	-32	0	
16 UNL 15				1023.3 N	06	-37	-37	-40	0	
17 010 15				1022.8 W	16	-24	-24	-30	6	
18 070 15				1025.2 WNW	12	-20	-20	-24	8	
19 UNL 15				1018.5 E	14	-39	-39	-40	0	
20 UNL 15				1017.0 N	06	-37	-37	-40	0	
21 UNL 15				1023.8 C	00	-31	-31	-37	3	
22 UNL 15				1033.1 SE	10	-33	-33	-39	0	
23 UNL 15				1033.7 ESE	08	-32	-32	-38	0	
24 UNL 15				1031.6 NE	04	-31	-31	-37	0	
25 UNL 15				1028.2 SE	06	-27	-27	-33	6	
26 UNL 15				1023.6 N	08	-38	-38	-40	0	
27 UNL 15				1022.6 C	00	-35	-35	-40	0	
28 UNL 15				1016.9 WSW	06	-39	-39	-40	0	
29 UNL 15				1015.1 NW	02	-37	-37	-40	0	
30 UNL 15				1017.9 SW	10	-34	-34	-40	2	
31 UNL 15				1017.0 W	10	-35	-35	-41	4	
AVG				1019.1	12	-25	-25	-30	02	

SACHS HARBOUR NMT
DECEMBER 1961 1000 PST

01 UNL 15				1016.5 E	16	-05	-05	-08	3	
02 030 15				1001.1 NE	18	-15	-15	-19	8	
03 000 00	1/8BS			990.9 N	30	-01	-01	-04	10	
04 UNL 15				996.7 N	08	-26	-26	-32	1	
05 UNL 15				1003.7 NW	18	-24	-24	-28	2	
06 UNL 15				1021.3 W	07	-19	-19	-23	3	
07 UNL 15				1035.7 SE	10	-19	-19	-23	1	
08 UNL 15				1041.9 SE	06	-20	-20	-24	1	
09 UNL 15				1040.5 SE	12	-24	-24	-28	1	
10 UNL 15				1027.1 E	12	-14	-14	-19	2	
11 UNL 15				1022.9 ESE	16	-14	-14	-18	1	
12 UNL 00	1/4BS			1006.2 SE	30	-09	-09	-13	4	
13 UNL 00	1/8BS			1007.5 WSW	32	-15	-15	-20	8	
14 UNL 01	BS			1008.5 WNW	22	-23	-23	-29	3	
15 008 15				1010.7 WNW	18	-29	-29	-35	7	
16 UNL 15				1023.8 NW	06	-36	-36	-40	2	
17 010 00	1/4BS			1020.7 W	26	-18	-18	-23	10	
18 070 15				1025.3 NW	12	-24	-24	-28	8	
19 UNL 15				1017.7 E	12	-36	-36	-40	0	
20 070 15				1017.0 WNW	08	-36	-36	-40	7	
21 UNL 15				1024.2 S	06	-30	-30	-36	2	
22 UNL 15				1033.2 SE	06	-33	-33	-39	2	
23 UNL 15				1033.9 SE	12	-34	-34	-40	0	
24 UNL 15				1031.0 E	12	-33	-33	-39	1	
25 UNL 15				1027.6 E	14	-28	-28	-34	6	
26 UNL 15				1023.2 E	16	-39	-39	-40	6	
27 UNL 15				1021.8 SSW	06	-36	-36	-40	0	
28 UNL 15				1016.6 W	06	-38	-38	-40	2	
29 UNL 15				1015.2 C	00	-36	-36	-40	1	
30 012 10	S-			1016.4 W	12	-30	-30	-34	9	
31 UNL 15				1017.6 W	14	-36	-36	-40	1	
AVG				1019.0	14	-25	-25	-30	04	

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT
DECEMBER 1961 1300 PST

01 UNL 15				1013.9 E	10	00	00	-03	3	
02 UNL 15				1001.2 W	20	-19	-19	-24	1	
03 UNL 15				992.3 N	18	-10	-10	-15	3	
04 UNL 15				997.2 WNW	15	-29	-29	-35	2	
05 UNL 15				1006.8 NW	14	-26	-26	-30	1	
06 UNL 15				1023.2 W	07	-19	-19	-23	2	
07 UNL 15				1037.6 SE	12	-16	-16	-23	2	
08 UNL 15				1042.6 SSE	10	-21	-21	-26	0	
09 UNL 15				1037.9 ESE	14	-23	-23	-27	2	
10 UNL 15				1026.7 E	10	-14	-14	-19	2	
11 UNL 15				1022.0 ESE	20	-14	-14	-19	1	
12 UNL 01	BS			1001.3 SE	32	-07	-07	-11	2	
13 UNL 00	1/8BS			997.3 W	28	-14	-14	-19	6	
14 UNL 03	BS			1009						

ALERT, N.W.T.
JULY 1961

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.

CONSTANT PRESSURE DATA 00 GMT.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

CONSTANT PRESSURE DATA 12 GMT.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

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

ALERT, N.W.T.
JULY 1961

STATION INSTRUMENTATION

USWB type radiosonde, GMD RBF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind, and four pressure levels (600, 500, 400, 300 MBS).

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind, and four pressure levels (200, 150, 100, 70 MBS).

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind, and four pressure levels (600, 500, 400, 300 MBS).

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind, and four pressure levels (200, 150, 100, 70 MBS).

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

ALERT, N.W.T.
JULY 1961

STATION INSTRUMENTATION
USWS 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.

Table with columns for Day, Altitude (Pres. on Sfc.), Temp. °C, R.H. %, Wind deg. mps., and four sets of data for 50 MBS, 30 MBS, 20 MBS, and 10 MBS.

00 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Day, SURFACE SYNOPSIS DATA, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL.

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for Day, Altitude (Pres. on Sfc.), Temp. °C, R.H. %, Wind deg. mps., and four sets of data for 50 MBS, 30 MBS, 20 MBS, and 10 MBS.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Day, SURFACE SYNOPSIS DATA, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL.

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

ALERT, N.W.T.

AUGUST 1961

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.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each column contains Altitude, Temp., R.H., and Wind data.

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each column contains Altitude, Temp., R.H., and Wind data.

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

CONSTANT PRESSURE DATA

00 GMT.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each column contains Altitude, Temp., R.H., and Wind data.

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each column contains Altitude, Temp., R.H., and Wind data.

ALERT, N.W.T.

AUGUST 1961

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.

CONSTANT PRESSURE DATA 00 GMT.

Table with columns for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Each column contains altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Each column contains altitude, temperature, RH, and wind data for various pressure levels.

CONSTANT PRESSURE DATA 12 GMT.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Each column contains altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Each column contains altitude, temperature, RH, and wind data for various pressure levels.

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

ALERT, N.W.T.

AUGUST 1961

STATION INSTRUMENTATION

USWB type radiocade, GMD RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74082 82°30'N 62°20'W 66 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Day, 50 MBS, 30 MBS, 20 MBS, 10 MBS. Includes altitude, temperature, R.H., and wind data for various pressure levels.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Includes synoptic data and aerological data.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Day, 50 MBS, 30 MBS, 20 MBS, 10 MBS. Includes altitude, temperature, R.H., and wind data for various pressure levels.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Includes synoptic data and aerological data.

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

ALERT, N.W.T.

SEPTEMBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include altitude, temperature, RH, wind, and pressure data for various altitudes.

Table with columns for 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include altitude, temperature, RH, wind, and pressure data for various altitudes.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include altitude, temperature, RH, wind, and pressure data for various altitudes.

Table with columns for 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include altitude, temperature, RH, wind, and pressure data for various altitudes.

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

ALERT, N.W.T.

SEPTEMBER 1961

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.

Table with columns for Day, 600 MBS, 500 MBS, 400 MBS, 300 MBS, and MN. Each column contains altitude, temperature, R.H., and wind data.

00 GMT. CONSTANT PRESSURE DATA

Table with columns for Day, 200 MBS, 150 MBS, 100 MBS, 70 MBS, and MN. Each column contains altitude, temperature, R.H., and wind data.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for Day, 600 MBS, 500 MBS, 400 MBS, 300 MBS, and MN. Each column contains altitude, temperature, R.H., and wind data.

12 GMT. CONSTANT PRESSURE DATA

Table with columns for Day, 200 MBS, 150 MBS, 100 MBS, 70 MBS, and MN. Each column contains altitude, temperature, R.H., and wind data.

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

ALERT, N.W.T.

OCTOBER 1961

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.

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include Altitude, Temp., R.H., Wind, and gpm. Data points range from 01 to 31.

MN

CONSTANT PRESSURE DATA

00 GMT.

Table with columns for 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include Altitude, Temp., R.H., Wind, and gpm. Data points range from 01 to 31.

MN

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include Altitude, Temp., R.H., Wind, and gpm. Data points range from 01 to 31.

MN

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include Altitude, Temp., R.H., Wind, and gpm. Data points range from 01 to 31.

MN

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

Commencing October 2, 12 GMT, this station resumed the use of the USWB 1680 mc "unshielded" type radiosonde.

ALERT, N.W.T.

OCTOBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and four pressure levels: 600 MBS, 500 MBS, 400 MBS, 300 MBS.

Table with columns for Day, Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and four pressure levels: 200 MBS, 150 MBS, 100 MBS, 70 MBS.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and four pressure levels: 600 MBS, 500 MBS, 400 MBS, 300 MBS.

Table with columns for Day, Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and four pressure levels: 200 MBS, 150 MBS, 100 MBS, 70 MBS.

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

Commencing October 2, 12 GMT, this station resumed the use of the USWB 1680 mc "unshielded" type radiosonde.

ALERT, N.W.T.
OCTOBER 1961

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.

Table with columns for Day, Altitude (50 MBS, 30 MBS, 20 MBS, 10 MBS), Temp., R.H., and Wind. Data spans from 01 to 31 October 1961.

00 GMT. SPECIAL AEROLOGICAL DATA

Table with columns for Day, SURFACE SYNOPSIS DATA, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Data spans from 01 to 31 October 1961.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for Day, Altitude (50 MBS, 30 MBS, 20 MBS, 10 MBS), Temp., R.H., and Wind. Data spans from 01 to 31 October 1961.

12 GMT. SPECIAL AEROLOGICAL DATA

Table with columns for Day, SURFACE SYNOPSIS DATA, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Data spans from 01 to 31 October 1961.

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

Commencing October 2, 12 GMT, this station resumed the use of the USWB 1630 mc "unshielded" type radiosonde.

ALERT, N.W.T.

NOVEMBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and various atmospheric readings.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and various atmospheric readings.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and various atmospheric readings.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and various atmospheric readings.

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

ALERT, N.W.T.
NOVEMBER 1961

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.

Zy	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	3989	-23 2	55	258	13	5910	-30 2	A20	251	21	6860	-42 4			
02	3984	-28 0	81	252	14	5276	-33 4	54	234	24	6804	-45 1				
03	3989	-23 5	A18	223	13	5901	-32 1	46	235	21	6844	-42 2	236	25	8728	-36 9
04	3924	-29 1	A18	226	08	5222	-34 2	33	220	12	6793	-44 6	221	14	8617	-39 1
05	3854	-26 3	47	200	07	5152	-35 5	58	205	10	6676	-45 8	206	13	8546	-34 0
06	3753	-28 7	66	160	13	5042	-35 2	70	155	17	6570	-45 1	156	20	8440	-37 1
07	3796	-27 4	46	149	19	5086	-35 8	56	145	27	6599	-47 6	139	30	8462	-34 7
08	3794	-30 9	55	156	12	5064	-39 3	61	145	16	6556	-50 0	140	24	8405	-39 8
09	3843	-28 1	52	164	14	5130	-36 7	62	144	15	6642	-46 2	150	17	8507	-36 4
10	3823	-24 1	A21	194	10	5081	-39 6	A22	178	20	6582	-47 8	171	25	8457	-39 1
11	3827	-27 7	A19	164	31	5121	-34 6	40	155	29	6652	-44 3	158	34	8526	-37 1
12	3736	-35 6	76	-	-	4986	-42 4	198	18	6466	-50 7	195	18	8335	-50 7	
13	3814	-35 1	78	-	-	5065	-42 1	-	-	-	6547	-50 4	-	-	8387	-37 3
14	3775	-32 1	59	231	15	5041	-40 1	230	19	6532	-49 7	234	32	8365	-61 2	
15	3772	-31 8	68	-	-	5039	-39 8	66	-	-	6529	-50 4	-	-	8359	-46 8
16	3669	-35 3	64	-	-	4916	-42 7	-	-	-	6440	-42 7	-	-	8237	-52 7
17	3774	-34 8	73	-	-	5029	-42 5	-	-	-	6509	-51 3	-	-	8343	-56 0
18	3772	-28 4	53	267	10	5064	-35 7	A21	250	10	6578	-47 1	253	13	8429	-39 1
19	3791	-29 6	78	255	13	5069	-38 2	73	259	15	6571	-48 7	255	12	8410	-39 4
20	3767	-32 6	79	246	08	5032	-39 9	71	236	08	6522	-50 0	251	10	8350	-60 1
21	3731	-30 5	81	198	06	5006	-38 8	76	190	08	6504	-50 2	192	09	8337	-58 8
22	3783	-37 5	54	227	09	5020	-44 5	214	11	6487	-51 4	212	13	8315	-58 4	
23	3843	-35 7	44	324	10	5093	-41 1	332	15	6560	-54 4	329	17	8379	-58 1	
24	3912	-34 4	76	304	13	5164	-43 0	307	16	6633	-54 0	322	19	8439	-62 9	
25	3951	-33 9	81	280	14	5201	-44 0	270	14	6663	-55 0	279	12	8461	-63 0	
26	3920	-36 3	74	300	07	5198	-45 3	349	08	6620	-53 7	356	09	8435	-62 9	
27	3863	-33 6	63	078	09	5118	-42 2	214	14	6596	-52 8	216	14	8401	-63 3	
28	3865	-35 9	67	308	10	5110	-43 9	315	13	6578	-53 3	304	10	8387	-61 4	
29	3934	-31 7	68	288	11	5201	-40 1	296	10	6697	-46 2	013	17	8568	-37 4	
MN	3836	-31 3	58	-	-	5107	-39 1	52	215	08	6604	-49 0	199	08	8430	-58 0

CONSTANT PRESSURE DATA

Zy	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	11281	-37 4				13096	-38 4				15636	-60 3			17844
02	11246	-37 0				13068	-38 0				15609	-60 7			17812	-64 1
03	11269	-38 4			250	19	13082	-38 0			250	14	15626	-60 7	261	11
04	11175	-36 1			228	15	13052	-36 3			229	12	15360	-59 8	274	08
05	11169	-31 9			211	11	13030	-32 6			263	07	15635	-55 9	317	10
06	11047	-31 4			160	11	12912	-32 5			170	05	15316	-55 3	299	05
07	11088	-30 5			146	18	12959	-31 8			145	09	15359	-56 8	152	04
08	11034	-30 7			153	17	12901	-32 2			154	13	15302	-56 3	155	08
09	11107	-32 0			148	18	12968	-33 0			151	16	15367	-56 3	166	11
10	11086	-31 3			162	26	12945	-33 7			169	21	15334	-57 1	174	14
11	11129	-32 0					12984	-33 1					15566	-		
12	11001	-30 6			207	18	12885	-31 0			210	20	15499	-56 0	220	16
13	10999	-30 6					12873	-30 6					15488	-54 6		
14	10925	-33 7					12778	-33 6					15386	-54 9		
15	10945	-32 0			224	09	12806	-32 8			249	07	15426	-53 8	260	09
16	10850	-32 7					12723	-31 9			287	13	15341	-52 9	299	10
17	10981	-33 0					12838	-49 0								
18	10990	-34 7					12844	-50 6					15484	-51 2		
19	10988	-32 4					12851	-51 6					15491	-50 8		
20	10916	-32 0			235	13	12769	-31 8			248	15	15450	-52 1	244	20
21	10929	-31 2			241	11	12809	-49 4			238	15	15459	-50 3	236	19
22	10929	-49 9			231	16	12817	-50 3			235	16	15460	-50 3	242	28
23	10984	-31 7			253	12										
24	10969	-36 4			266	08	12810	-34 3			223	15	15406	-54 9	227	26
25	10977	-36 2			256	09	12829	-35 6			236	08	15410	-56 0	238	08
26	10945	-38 9			270	07	12757	-37 4			248	09	15313	-58 8	253	10
27	10922	-37 7			000	00	12746	-56 2			325	03	15315	-58 6	258	07
28	10934	-37 0			350	13										
29	11082	-62 9			010	22	12847	-65 2			356	15	15297	-68 8	341	09
MN	11032	-53 8			212	07	12886	-33 7					15480	-56 1		

CONSTANT PRESSURE DATA

12 GMT.

Zy	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	3994	-25 5	75	267	14	5300	-31 6	67	258	28	6848	-41 4			
02	3996	-27 9	42	261	11	5294	-33 4	A20	269	24	6830	-42 7				
03	3892	-32 0	64	277	08	5172	-34 0	A21	290	17	6711	-41 2			245	15
04	3853	-25 8	66	194	08	5191	-33 1	70	181	15	6732	-46 4			186	14
05	3800	-28 0	55	168	07	5094	-33 4	65	178	17	6628	-46 6			180	20
06	3767	-27 9	62	155	16	5060	-35 1	A21	154	17	6587	-45 2			151	30
07	3794	-29 1	43	153	15	5076	-37 0	61	146	21	6586	-47 4			140	23
08	3830	-29 8	39	148	13	5110	-36 3	40	140	20	6630	-46 0			145	26
09	3832	-31 0	59	150	15	5108	-36 4	34	159	27	6623	-46 6			158	39
10	3890	-28 2	38	170	19	5190	-33 8	47	169	25	6730	-44 3			172	36
11	3786	-31 7	A20	191	15	5058	-38 4	A22	182	22	6564	-47 2			171	31
12	3782	-35 7	42	-	-	5036	-41 5	-	-	-	6528	-49 0			8391	-51 9
13	3826	-33 5	68	226	15	5085	-40 8	-	-	-	6575	-49 9			8403	-61 0
14	3793	-30 3	54	226	15	5074	-38 5	51	225	19	6576	-47 6			228	25
15	3733	-34 1	67	213	08	4988	-42 0									

ALERT, N.W.T.

NOVEMBER 1961

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.

00 GMT.

SPECIAL AEROLOGICAL DATA

Day	50 MBS				30 MBS				20 MBS				10 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	19897	-66.3			22969	-70.9			25302	-71.9						
02	19858	-67.2			22909	-70.2			25338	-72.0						
03	19878	-66.7	289	09	22940	-70.2	318	10	25338	-72.0	324	13				
04	19830	-66.1	336	09	22892	-70.7										
05	19974	-63.3														
06	19855	-63.5	305	17	22957	-69.1	328	21	25380	-69.3	3					
07	19903	-62.1	315	08	23010	-67.3	323	18								
08	19829	-63.8	306	05	22930	-66.8	340	14	25379	-66.9	326	18				
09	19893	-63.8	206	04	22994	-66.8	266	05								
10	19842	-65.0	192	10	22914	-65.1	194	10	25346	-67.5	319	14				
11																
12	19826	-63.4	250	19	22931	-67.7	259	22								
13	19842	-63.8			22999	-61.4			25472	-66.9						
14	19747	-59.5			22946	-59.4			25464	-63.0			29679	-66.4		
15	19871	-54.1	295	14												
16																
17																
18	19959	-55.9			23169	-60.8			25658	-65.7						
19	19945	-55.7			23178	-61.8			25659	-65.9			29837	-64.0		
20	19835	-56.1			23046	-60.0										
21	19958	-54.0	250	31	23184	-59.8			25708	-61.4						
22	19932	-55.2	234	32	23160	-59.0	238	40	25693	-61.0						
23																
24	19821	-58.5			23018	-61.3			25593	-60.5						
25																
26	19641	-62.0	248	20	22767											
27	19612	-64.6	237	15	22703	-66.8	245	28	25113	-70.8	231	26				
28																
29	19395	-73.8	248	13												
30																
MEAN	19833	-61.9			22981	-65.1			25465	-66.4			29758	-65.2		

Day	SURFACE SYNOPSIS DATA						FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL							
	Alt.	Pres.	Temp.	Hum.	Wind	WV	Alt.	Pres.	Temp.	Alt.	Pres.	Temp.	Alt.	Pres.	Temp.	Alt.	Pres.	Temp.	Alt.	Pres.	Velocity					
01	874	70	2	08	0		1 09	58	261	-62	0	309	0			1 05	00	453	289	22						
02	8087	71	1	08	0		1 09	48	264	-58	5	314	0			1 05	37	494	255	24						
03	865	02	7	29	0		1 09	72	255	-61	4	313	0			9 09	10	282	241	29						
04	00900	10	7	07	0		1 09	18	274	-61	4	306	0			9 10	88	210	232	20						
05	864	70	7	09	0		1 08	21	315	-54	5	304	0			1 19	80	051	345	20						
06	874	71	4	00	0		1 08	50	297	-57	6	305	0			9 23	60	027	330	29						
07	45700	02	2	09	0		1 08	15	314	-56	3	302	1	13	58	136	-53	6	388	9 07	67	339	144	38		
08	10930	02	2	07	0		2 07	72	334	-55	5	297	0			9 07	32	355	146	25						
09	40950	02	7	01	0		2 08	44	303	-56	2	303	0			9 07	77	336	143	24						
10	76400	02	2	01	0		1 08	31	308	-55	4	308	0			9 07	70	336	172	32						
11	40870	38	7	02	0		1 08	60	296	-57	2	306	6	13	86	131	-56	4	387	1 07	67	343	160	69		
12	855	71	2	10	0		2 06	47	400	-50	7	289	0			1 23	64	027	261	23						
13	40840	38	7	02	0		1 08	09	314	-58	6	298	1	20	35	046	-65	4	501	0	57	57	341	235	39	
14	00900	02	8	17	0		1 08	79	280	-62	6	303	0			9 08	87	276	196	15						
15	00900	01	1	02	0		1 07	98	313	-58	2	299	1	12	13	164	-51	9	371	8 00	07	987	270	26		
16	9-0	39	5	10	0		2 07	34	352	-56	3	292	1	11	38	188	-54	9	352	0						
17	8087	39	2	01	0		1 08	93	277	-61	0	306	0			1 07	10	370	246	17						
18	00900	01	7	06	0		1 08	65	289	-60	9	303	0			4 06	10	430	261	15						
19	45800	02	2	06	0		1 08	08	314	-60	6	296	0			1 13	15	141	249	17						
20	10850	71	1	02	0		1 08	17	308	-59	3	299	0			1 21	73	038	247	37						
21	7550	71	2	17	0		1 07	85	324	-58	7	296	0			1 24	60	024	243	50						
22	40810	71	2	10	0		1 07	98	320	-59	7	295	0			6 06	43	408	331	17						
23	00900	02	7	08	0		2 04	8087	71	2	08	0				1 18	20	064	228	31						
24	8087	71	2	08	0		1 08	74	286	-63	9	299	0			7 05	70	464	271	16						
25	30930	40	6	08	0		2 08	72	285	-64	3	298	0			1 21	83	035	249	28						
26	00900	02	2	08	0		2 08	44	298	-63	5	296	0			9 23	06	028	245	35						
27	00900	02	5	30	0		1 08	42	299	-61	4	298	0			6 05	63	463	314	16						
28	855	02	1	06	0		1 09	90	241	-63	6	314	0			9 07	44	358	031	22						
29	00900	38	1	01	0																					
30																										
MEAN							08	44	301	-59	3	301				14	26	133	-56	4	400					

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Day	50 MBS				30 MBS				20 MBS				10 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	19925	-66.4			22915	-70.5			25353	-71.8						
02	19861	-67.3			22953	-69.0										
03	19856	-64.5							25338	-71.8						
04	19915	-64.9	334	14	23003	-67.6	341	21	25438	-69.9	347	21				
05	19936	-64.0	308	21	23032	-68.6	243	24	25445	-70.3	335	30				
06	19949	-62.5	320	11	23069	-66.0	327	20	25522	-67.4	332	28				
07	19894	-63.1	308	08	23005	-66.8	351	21	25450	-67.1	335	13	29661	-64.4		
08	19841	-64.8	303	04	22938											
09	19888	-65.9	212	05	22976	-67.8	318	07	25410	-67.8	330	18				
10	19889	-65.8	204	11	22949	-68.2	315	11								
11	19850	-64.4	252	10	22945	-68.7	278	10	25371	-68.8						
12	19885	-63.2			22989	-66.9			25457	-64.7						
13	19814	-61.1			22984	-62.0			25466	-66.3						
14	19862	-55.6	288	12	23101	-59.6			25603	-64.9			29797	-66.9		
15	19869	-53.9	313	11	23117	-59.3	325	23	25629	-63.2	326	24	29850	-66.9		
16	19942	-54.5			23174	-59.7										
17	19984	-56.7			23179											
18	19985	-56.2			23202	-59.9			25716	-64.0			29876	-70.3		
19	19939	-56.9			23148	-61.9			25648	-65.0						
20	19948	-53.8	258	35	23176	-60.8			25713	-60.3						
21	19995	-55.0	249	30	23222	-58.7	248	35	25763	-59.8			30072	-61.8		
22	19939	-57.4	241	40	23163	-59.0			25688	-60.8						
23	19901	-57.5			23104	-60.3			25625	-61.3			29925	-60.4		
24	19814	-57.0														
25	19733	-60.9			22901	-62.2										
26	19673	-63.7	244	18												

ALERT, N.W.T.
DECEMBER 1961

STATION INSTRUMENTATION
USWB type radiocodes, GMD RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74082 82°30'N 62°20'W 66 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Zp	SURFACE				1000 MBS				950 MBS				900 MBS							
	Altitude (Pres. on Stc.)	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.				
																	deg.	mps.	deg.	mps.
01	1027	-14.9	84	140	04	0231	-15.7	86	286	03	0610	-18.2	84	343	02	1018	-20.5	83	293	06
02	1022	-20.7	54	000	00	0225	-19.2	63	000	00	0620	-17.9	64	282	06	1013	-17.1	44	218	04
03	1020	-20.8	60	300	01	0214	-18.7	61	294	01	0600	-19.0	65	317	03	0998	-21.5	70	273	03
04	1007	-17.2	64	270	09	0116	-17.1	58	293	10	0500	-16.9	49	230	13	0509	-14.5	40	231	13
05	1009	-25.7	64	000	00	0128	-25.0	64	000	00	0500	-15.2	58	295	05	0918	-15.0	51	291	09
06	1007	-12.8	54	270	15	0117	-13.2	54	-	-	0510	-13.7	47	-	-	0917	-12.8	41	-	-
07	1009	-16.1	65	270	10	0136	-15.2	60	262	11	0520	-14.3	47	240	12	0933	-17.2	47	234	14
08	1016	-24.4	79	045	08	0182	-25.4	78	-	-	0550	-28.3	77	-	-	0938	-31.3	75	-	-
09	1025	-26.3	44	240	01	0245	-27.2	44	255	12	0610	-29.5	44	240	08	0998	-29.6	49	246	04
10	1023	-30.6	60	270	05	0226	-30.5	63	293	03	0590	-30.4	70	026	04	0976	-29.9	97	026	04
11	1022	-32.1	49	000	00	0217	-30.8	54	000	00	0500	-29.7	63	250	01	0967	-31.5	68	280	07
12	1020	-35.7	50	000	00	0201	-35.1	49	000	00	0560	-35.7	49	349	12	0935	-33.3	53	351	14
13	1009	-36.1	59	310	03	0127	-32.8	61	330	03	0490	-30.0	59	010	04	0807	-30.2	67	009	07
14	0996	-25.8	73	260	18	0038	-	-	-	-	0420	-24.5	79	238	14	0806	-23.8	79	191	03
15	0986	-31.2	39	310	02	-034	-	-	-	-	0340	-30.8	44	230	04	0717	-29.5	50	195	08
16	0997	-32.4	57	310	08	0044	-	-	-	-	0420	-28.8	51	-	-	0796	-29.0	52	-	-
17	0996	-31.3	39	000	00	0036	-	-	-	-	0400	-29.6	48	-	-	0788	-26.4	44	-	-
18	1009	-28.0	54	000	00	0133	-28.9	56	-	-	0500	-26.6	68	-	-	0892	-25.3	76	-	-
19	1032	-31.2	50	000	00	0288	-31.8	54	326	04	0650	-32.8	60	294	05	1031	-33.0	62	241	13
20	1025	-34.4	51	280	02	0242	-30.7	56	186	02	0600	-29.1	50	104	05	0998	-23.1	58	141	04
21	1007	-17.1	38	310	05	0117	-16.8	42	299	05	0500	-16.8	53	241	08	0910	-14.3	63	243	11
22	1021	-27.4	40	250	14	0216	-28.0	39	236	15	0590	-28.6	37	284	16	0970	-30.2	41	249	14
23	1023	-31.4	50	000	00	0225	-31.9	54	000	00	0580	-33.1	69	295	02	0968	-32.0	67	232	04
24	1021	-30.7	53	000	00	0212	-30.9	58	155	02	0590	-30.1	61	247	08	0959	-32.0	63	245	05
25	1017	-35.1	57	310	03	0181	-32.7	60	292	02	0540	-32.1	69	215	02	0958	-30.5	70	115	02
26	1028	-30.2	48	000	00	0260	-31.4	53	260	02	0630	-30.0	61	291	03	1010	-29.8	67	263	03
27	1026	-35.4	70	310	03	0246	-30.8	70	240	03	0620	-28.5	72	203	01	1011	-26.5	69	150	03
28	1015	-34.7	41	-	-	0176	-22.4	58	-	-	0560	-22.7	57	-	-	0952	-19.5	40	-	-
29	0998	-14.8	58	-	-	0050	-	-	-	-	0480	-13.0	56	-	-	0848	-14.2	58	-	-
30	1010	-31.0	52	120	03	0134	-31.6	53	123	03	0490	-30.2	54	141	04	0884	-29.2	59	209	05
31	0998	-34.4	41	310	03	0050	-	-	-	-	0420	-32.8	59	073	03	0797	-23.6	77	157	05
MN	1013	-27.4	55	-	-	161	-26.2	58	-	-	534	-25.8	59	-	-	924	-25.0	59	-	-

Zp	850 MBS				800 MBS				750 MBS				700 MBS							
	Altitude (Pres. on Stc.)	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.				
																	deg.	mps.	deg.	mps.
01	1446	-17.1	67	257	12	1900	-20.0	58	284	16	2980	-22.9	49	308	21	2880	-23.5	67	310	26
02	1442	-16.7	33	254	08	1896	-18.9	41	279	10	2390	-19.0	33	239	08	2889	-22.1	46	296	11
03	1419	-21.3	60	163	05	1869	-19.0	39	215	05	2350	-20.1	53	260	07	2856	-23.0	71	262	07
04	1362	-13.7	35	210	13	1805	-12.0	30	217	11	2290	-15.7	40	000	00	2812	-18.2	58	288	02
05	1349	-16.8	59	253	07	1803	-18.6	51	236	09	2290	-18.8	36	235	06	2798	-20.6	49	235	07
06	1353	-13.5	43	-	-	1814	-16.3	48	223	11	2300	-20.0	54	229	16	2804	-22.2	60	223	18
07	1359	-20.0	47	222	14	1808	-21.5	42	226	15	2280	-24.0	46	238	19	2782	-23.8	45	234	21
08	1338	-33.7	74	-	-	1762	-36.2	73	-	-	2220	-38.3	-	-	-	2680	-40.0	0	219	14
09	1405	-32.4	52	295	05	1831	-35.3	54	310	09	2280	-34.5	59	298	11	2763	-34.8	64	304	13
10	1380	-33.1	74	243	04	1807	-32.9	71	225	04	2270	-34.2	70	300	04	2742	-35.6	69	270	04
11	1371	-32.4	76	344	08	1799	-32.3	80	357	07	2250	-34.4	78	360	08	2733	-36.5	77	351	05
12	1377	-32.4	63	260	15	1765	-32.6	43	052	10	2230	-34.1	38	065	11	2701	-35.9	33	053	12
13	1284	-30.7	76	012	07	1716	-30.6	60	032	07	2180	-30.8	42	058	06	2664	-31.8	A20	056	05
14	1221	-25.9	79	202	05	1662	-26.0	78	164	02	2130	-28.0	77	130	01	2620	-30.1	76	067	01
15	1124	-31.0	53	178	11	1553	-31.8	55	181	11	2010	-32.8	50	185	08	2493	-35.3	45	186	08
16	1203	-29.4	51	251	05	1638	-28.0	46	252	09	2100	-29.9	43	295	10	2589	-32.1	38	234	13
17	1210	-15.8	45	-	-	1672	-13.4	54	-	-	2180	-15.8	49	195	05	2679	-18.8	50	164	04
18	1315	-19.8	76	-	-	1767	-19.6	69	245	17	2250	-21.1	75	248	14	2752	-23.1	79	235	14
19	1435	-29.9	49	246	15	1867	-31.6	44	-	-	2330	-33.3	39	-	-	2805	-35.2	A21	-	-
20	1420	-19.3	31	204	05	1872	-18.9	A17	229	07	2350	-19.9	43	228	06	2862	-22.4	38	292	13
21	1363	-16.2	71	248	12	1800	-15.9	53	238	15	2280	-17.8	53	234	16	2798	-20.1	52	223	15
22	1375	-32.6	46	235	15	1802	-32.3	46	232	14	2270	-33.7	45	231	13	2739	-35.4	43	235	19
23	1371	-34.7	63	260	04	1793	-37.4	57	267	04	2250	-39.7	45	285	09	2706	-40.4	4	293	09
24	1363	-30.2	67	282	03	1794	-32.0	70	261	05	2250	-34.2	70	254	10	2728	-36.1	70	271	12
25	1353	-30.3	68	003	03	1764	-31.7	66	300	03	2230	-33.0	65	283	05	2702	-34.4	63	275	06
26	1417	-31.0	73	291	05	1844	-34.4	72	296	09	2300	-34.0	72	301	12	2777	-36.2	72	297	13
27	1413	-27.9	70	128	01	1848	-29.5	72	288	03	2310	-31.1	73	294	07	2799	-32.8	74	292	10
28	1375	-20.7	32	-	-	1822	-23.5	33	-	-	2300	-24.3	55	-	-	2789	-26.1	65	-	-
29	1283	-13.0	61	-	-	1743	-13.0	63	-	-	2240	-17.6	67	-	-	2743	-18.6	61	-	-
30	1291	-30.4	62	238	10	1723	-30.8	61	241	13	2200	-31.9	54	256	12	2665	-34.7	53	264	12
31	1218	-21.2	80	199	10	1666	-19.3	83	214	11	2160	-20.9	83	226	10	2653	-22.9	82	240	10
MN	1340	-24.9	59	241	05	1781	-25.8	55	-	-	2253	-27.3	56	-	-	2742	-29.2	57	257	08

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Zp	SURFACE				1000 MBS				950 MBS				900 MBS			
	Altitude (Pres. on Stc.)	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. %	

ALERT, N.W.T.

DECEMBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS			
	Altitude (Press. 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	4001	-27.2	74	309 28	5298	-33.2	77		6842	-41.8			8738	-54.9		
02	4007	-27.0	A19	310 17	5305	-33.0	A21	309 27	6847	-42.5			8732	-56.6		
03	3975	-27.8	A19	270 13	5262	-36.5	A22	271 20	6773	-47.5		256	16	8636	-57.4	236 09
04	3951	-24.0	70	275 08	5254	-33.3	59	280 10	6782	-45.1		290	21	8649	-57.6	288 20
05	3925	-27.0	34	204 07	5215	-36.3	60	215 06	6728	-46.0		196	09	8589	-57.7	194 09
06	3924	-28.3	60	194 14	5206	-36.8	58	206 18	6717	-48.4		202	11	8546	-62.7	214 13
07	3892	-29.0	47	228 23	5179	-35.4	47	228 32	6699	-46.3		223	37	8550	-60.6	
08	3725	-45.6	47	223 32	4923	-49.1		223 27	6392	-51.4		325	11	8347	-57.8	323 30
09	3850	-39.9	65	314 17	5060	-45.8		320 28	6522	-53.0		274	08	8278	-60.3	270 14
10	3803	-40.5	285	08	5026	-47.1		280 05	6478	-55.0		285	09	8257	-57.8	284 09
11	3791	-41.5	331	07	5010	-48.3		313 06	6483	-57.8		133	03	8233	-59.0	177 06
12	3760	-41.3	073	09	4979	-47.9		062 09	6425	-55.6		206	16	8335	-58.6	203 19
13	3743	-36.7	A22	051 06	4991	-42.6		215 06	6472	-50.7		159	04	8273	-59.9	157 11
14	3706	-35.2	73	076 02	4957	-42.0		102 02	6441	-50.9		156	11	8098	-59.7	152 12
15	3553	-41.3	177	13	4771	-48.1		162 10	6231	-51.4				8241	-56.0	
16	3666	-37.1	33		4909	-43.2			6388	-50.6		204	27	8501	-57.6	203 39
17	3810	-26.6	61	192 09	5104	-35.9	59	195 15	6628	-43.8		109	21	8498	-61.4	114 29
18	3868	-29.2	73	270 12	5145	-38.7		143 10	6655	-47.4		188	04	8414	-54.8	250 07
19	3857	-40.0	3		5093	-46.3			6562	-51.9				8502	-61.6	
20	3981	-38.1	51	250 15	5261	-38.1	50		6741	-47.4				8591	-60.3	172 18
21	3926	-26.4	43	201 17	5222	-34.9	A21	175 21	6741	-47.4		184	18	8591	-60.3	
22	3813	-37.7	37	236 21	5047	-46.3		231 22	6501	-54.6				8301	-61.1	
23	3753	-42.2	32	226 20	4984	-45.0		336 18	6451	-52.7		330	22	8272	-60.5	314 19
24	3788	-40.6	6		5014	-46.7			6466	-55.2				8256	-65.5	
25	3772	-38.7	64	280 07	5003	-46.7		280 07	6451	-56.5		285	06	8240	-63.4	275 12
26	3835	-41.4	300	17	5049	-49.3		305 21	6485	-57.4		309	25	8276	-62.7	
27	3865	-39.2	45	299 14	5096	-45.1		300 21	6565	-52.0		300	23	8395	-60.0	304 28
28	3889	-37.7	57		5142	-42.4			6621	-51.6				8445	-62.0	
29	3872	-37.0	72		5156	-37.0	74		6658	-49.5				8490	-62.4	
30	3825	-28.1	1		4961	-46.4			6415	-54.2				8252	-60.2	
31	3773	-27.6	75	261 16	5064	-35.9	67	264 12	6575	-47.6				8433	-59.1	
MN	3832	-34.4	52		5087	-41.7	51	256 09	6572	-50.4		246	08	8409	-59.1	

Day	200 MBS				150 MBS				100 MBS				70 MBS			
	Altitude (Press. 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	11220	-71.5							12937	-68.5			15364	-68.9		
02	11220	-70.3														
03	11139	-67.5			287	09	12887	-64.7		297	14	15345	-68.0		314	14
04	11135	-66.0														
05	11093	-65.0			222	07	12851	-64.0		227	05	15323	-67.5		281	08
06	11060	-61.6			255	11	12830	-62.1		266	11	15317	-66.2		15	17444
07	11081	-59.0														
08	10900	-54.5			242	19	12885	-62.0		249	10	15246	-66.0		241	20
09	11075	-56.3			303	14	12742	-57.0		287	11	15259	-64.5		294	10
10	10837	-57.0														
11	10833	-55.9			287	12	12655	-58.3		307	11	15178	-63.1		325	11
12	10794	-58.0			293	06	12656	-58.0		304	06	15188	-62.2		307	09
13	10862	-58.9			156	01	12601	-59.8		149	01	15107	-64.7		360	03
14	10799	-60.8			210	13	12656	-61.2		205	09	15150	-65.4		219	06
15	10699	-55.4			165	11	12587	-61.7		173	10	15077	-66.0		179	12
16	10820	-56.8			174	11	12522	-58.7		178	12	15033	-65.1		182	12
17	11005	-61.5														
18	10996	-61.8			196	38	12768	-64.4		191	26	15227	-69.4		166	12
19	10975	-59.4			134	14	12772	-64.3		153	13	15220	-69.4		12	17330
20	11075	-65.9			293	09	12764	-62.3								
21	11070	-65.4			190	22	12823	-65.0								
22	10817	-61.8														
23	10797	-59.3			270	15	12582	-63.4		289	15	15045	-69.2		261	16
24																
25	10745	-61.9			279	14	12515	-64.8		280	12	14963	-69.5		281	11
26	10780	-61.4														
27	10906	-63.2			309	20	12661	-66.3		307	21	15093	-71.1		309	17
28	10912	-66.0														
29	10922	-67.7														
30	10928	-65.2														
31	10897	-65.4														
MN	10935	-61.9														

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS			
	Altitude (Press. 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	4007	-28.2	48	314 26	5303	-32.9	67		6845	-41.3			8744	-54.9		
02	4003	-26.8	34	293 19	5301	-32.9	47	291 24	6840	-43.3			8724	-56.8		
03	3966	-25.5	A19	291 14	5269	-33.5	A21	293 24	6794	-45.9		295	24	8659	-57.6	
04	3951	-25.0	69	245 08	5256	-33.1	74	257 10	6789	-44.1		250	09	8660	-56.7	265 13
05	3916	-29.4	45	242 09	5194	-38.4	37	272 12	6689	-50.3		254	14	8526	-58.9	244 09
06	3901	-31.5	59		5167	-39.4	69		6670	-45.7				8543	-54.7	
07	3805	-36.0	A21		5064	-38.5	A22		6569	-47.2				8433	-55.1	
08	3720	-48.8	6		4917	-48.3		350 15	6379	-51.9		325	16	8251	-49.8	301 13
09	3848	-39.5	64		5023	-44.9		299 14	6548	-55.1		300	20	8361	-60.0	
10	3794	-43.5	34		5020	-47.3		316 02	6448	-50.1		295	05	8261	-60.1	285 05
11	3777	-49.5	08	04	4985	-50.4		210 04	6416	-57.6		214	09	8331	-55.7	178 05
12	3764	-38.5	A22	043 08	4998	-45.3		043 05	6460	-53.5		089	01	8285	-57.7	207 05
13	3724	-43.5	A21		4978	-41.2			6465	-50.5				8305	-58.0	
14	3647	-34.6	68	138 05	4889	-43.6		096 08	6367	-50.6		098	12	8196	-60.3	110 14
15	3556	-44.3	253	06	4762	-49.6		324 01	6220	-50.1		210	07	8090	-91.7	220 18
16	3753	-29.5	46		5033	-37.7	61	126 36	6540	-46.7				8393	-58.0	
17	3836	-23.6	64	146 09	5149	-30.8	47	139 13	6688	-44.6		150	18	8547	-59.9	153 20
18	3864	-32.8	37	130 14	5124	-41.9		104 17	6604	-51.5		112	15	8432	-59.0	119 12
19	3928	-29.2	A19	269 20	5205	-38.7	A22	266 18	6698	-50.6		260	24	8535	-59.7	
20	4032	-24.4	A18	190 12	5332	-35.0	A21	193 11	6834	-44.6		207	16	8720	-58.6	214 18
21	3851	-35.7	A2													

ALERT, N.W.T.

DECEMBER 1961

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				30 MBS				20 MBS				10 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																	
02																	
03																	
04																	
05	19405	-76.5		290 13	22306	-81.1		285 14	24571	-81.1		302 12					
06	19387	-78.0		287 15													
07																	
08	19364	-79.8		257 11	22326	-77.1		301 06									
09																	
10	19361	-71.0		340 17	22345	-76.0		337 27									
11	19394	-70.2		326 12	22383												
12	19247	-74.0		317 07	22181	-80.0											
13	19284	-74.0		240 06	22225	-78.4		271 07	24536	-78.6							
14	19184																
15	19150																
16																	
17																	
18	19285	-76.4		165 18													
19																	
20	19255	-79.3															
21																	
22	19161																
23	19121																
24																	
25																	
26	18987																
27	19089																
28																	
29																	
30																	
31																	
MN	19245	-74.8			22294	-78.5			24554	-79.9							

00 GMT.

SPECIAL AEROLOGICAL DATA

Day	SURFACE SYNOPTIC DATA						FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL										
	R.	S.	C.	E.	W.	V.	Lowest		Highest		gpm.	Pres. mb.	Temp. °C	° A	gpm.	Pres. mb.	Temp. °C	° A	gpm.	Pres. mb.	Velocity deg. mps.								
							Alt.	Pres.	Alt.	Pres.																			
01	873	-	71	2	13	0					6 11 29	198	-71	6	320	0		1 04	99	522	306	34							
02	25600	02	7	23	0						1 11 28	199	-70	4	322	0		1 05	77	468	305	31							
03	8087	-	03	8	01	0					1 11 25	196	-68	1	324	0		8 05	38	491	272	21							
04	00900	02	6	11	0						6 10 19	233	-66	4	313	0		5 06	64	408	292	23							
05	00900	02	3	15	0						1 10 09	206	-64	2	325	0		9 23	17	026	282	16							
06	00900	02	3	09	0						1 08 52	301	-63	4	296	2	14	00	124	-64	5	378	9	02	73	705	226	19	
07	30930	03	6	02	0						1 08 79	288	-62	3	301	0		3 05	98	444	231	37							
08	864	-	71	2	15	0					2 04 21	596	-48	8	265	1	11	09	194	-55	1	348	9	05	80	438	223	42	
09	20840	36	1	06	0						1 07 76	328	-58	4	295	2	12	85	148	-59	8	368	8	06	98	372	326	25	
10	20970	02	7	06	0						1 07 85	322	-62	1	292	0		9 23	11	026	354	28							
11	25500	70	2	03	0						1 07 14	359	-60	3	285	0		9 21	27	036	334	16							
12	65500	71	7	10	0						1 07 68	329	-40	0	293	0		9 00	72	928	349	15							
13	00900	02	8	16	0						2 08 26	302	-58	4	303	0		9 06	92	374	204	21							
14	00900	38	7	14	0						2 08 49	290	-60	2	303	0		8 00	07	996	260	18							
15	00900	02	8	09	0						1 06 23	400	-51	4	288	1	07	95	306	-54	0	307	1	17	78	063	177	16	
16	00900	02	1	10	0						1 08 17	304	-56	0	305	0		1 15	21	137	222	24							
17	10930	02	7	02	0						1 09 30	239	-65	3	313	1	11	95	171	-66	6	342	7	10	37	222	196	55	
18	857	-	02	1	46	0					1 09 08	272	-65	8	300	2	13	45	134	-66	3	367	9	07	56	348	104	30	
19	00900	02	1	14	0						1 08 00	320	-55	6	301	0		6 01	30	899	247	15							
20	00900	02	7	12	0						1 09 28	269	-66	1	301	2	15	25	100	-72	2	388	1	05	06	314	259	22	
21	30971	02	3	26	0						1 09 54	256	-67	8	303	0		6 05	60	475	164	26							
22	00901	03	8	14	0						1 07 87	322	-62	4	291	1	16	70	076	-72	5	418	1	05	59	465	236	28	
23	60910	02	1	14	0						1 08 60	284	-61	5	303	2	12	05	163	-63	3	352	8	07	57	336	322	28	
24	10930	02	5	00	0						6 08 38	295	-65	8	294	0		2 03	23	653	272	15							
25	00900	02	8	07	0						1 07 58	334	-62	9	288	0		8 09	27	293	284	15							
26	856	-	71	2	15	0					2 07 53	338	-61	3	288	0		1 07	27	393	308	25							
27	00900	02	8	16	0						2 08 36	301	-59	9	301	0		8 08	36	301	304	28							
28	60930	03	6	15	0						1 09 73	243	-66	4	309	0		0	0	0	0	0	0	0	0	0	0	0	
29	8097	-	03	6	23	0					1 10 05	231	-72	0	305	0		0	0	0	0	0	0	0	0	0	0	0	
30	20830	71	1	12	0						1 06 98	367	-58	0	287	1	09	43	246	-63	3	313	2	01	87	784	242	14	
31	30970	03	7	25	0						1 09 95	234	-69	0	308	0		3 09	74	603	259	17							
MEAN											08 67	294	-62	7	301			12 47	166	-63	8	358							

CONSTANT PRESSURE DATA

12 GMT.

Day	50 MBS				30 MBS				20 MBS				10 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	19488	-74.2															
02	19450	-75.2															
03	19446	-76.3															
04																	
05																	
06	19428	-76.3			22326	-81.3			24610	-79.3							
07	19442	-76.3			22383	-77.4			24701	-78.9				28688	-73.4		
08	19387	-73.9			22341	-77.1		337 14	24661	-78.3			342 16	28671	-73.1		353 19
09	19446	-70.3		314 12	22341	-77.1		354 20	24776	-77.8			358 20	28763	-75.0		353 21
10	19380	-70.7		334 15	22369	-73.7		346 17	24694	-79.2			339 24				
11	19286	-73.0		324 08	22235	-78.5		326 14	24544	-79.0			340 14	28508	-74.1		344 19
12	19309	-74.5		286 09	22237	-78.6		318 07	24545	-78.6			321 10	28534	-73.5		013 16
13																	
14	19170																
15	19125	-74.6															
16	19259	-75.7			22198	-78.4											
17	19294	-76.6		183 15	22181												
18	19282	-76.8		198 12													
19	19307																
20	19328	-78.2		231 11	22193	-83.2		198 08	24451	-81.8		231 07	28378	-76.0		166 02	

CLYDE, N.W.T.

JULY 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and time (00 GMT).

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and time (00 GMT).

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and time (12 GMT).

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and time (12 GMT).

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

CLYDE, N.W.T.

JULY 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS						
	Altitude (Pascals 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	4078	-16.0	68	262	09	5423	-26.8	71	253	12	6997	-38.0	A22	266	15	8929	-46.5	267	18
02	4105	-18.6	64	262	06	5453	-23.9	A18	233	08	7046	-35.5	A21	242	11	8954	-48.9	268	08
03	4145	-18.6	86	247	09	5477	-28.9	83	233	13	7038	-38.8	8	35		8965	-46.7		
04	4219	-14.4	37	238	10	5581	-22.9	57	235	12	7179	-34.5	40	240	14	9132	-48.2	241	26
05	4221	-14.8	41	320	08	5579	-22.7	A18	308	07	7179	-34.6	A21	314	08	9130	-48.9	240	06
06	4208	-12.2	33	227	11	5580	-21.0	A18	350	13	7188	-35.0	A21	352	15	9145	-49.1	366	06
07	4210	-10.1	46	295	11	5588	-20.0	26	295	11	7205	-32.2	67	310	12	9168	-48.6	300	16
08	4143	-12.2	86	251	07	5511	-21.7	49	249	07	7116	-33.8	43	271	03	9064	-30.1	240	00
09	4187	-12.4	27	350	08	5555	-21.4	A18	394	08	7141	-34.2	36	350	12	9089	-50.2	360	15
10	4189	-13.1	A16	358	11	5553	-22.9	A1	340	14	7150	-34.0	33			9097	-50.8		
11	4230	-08.2	45	282	09	5620	-16.0	77	-		7267	-26.7	73	299	20	9275	-42.7	320	25
12	4116	-11.0	61	292	24	5501	-18.4	42	-		7129	-30.1	33			9111	-45.3		
13	4105	-19.8	72			5445	-26.2	35			7022	-37.7	31			8963	-41.5		
14	4226	-11.4	86			5603	-20.1	74			7221	-31.2	59			9200	-44.9		
15	4222	-10.0	53			5613	-16.9	A17			7251	-28.4	A19			9241	-45.6		
16	4206	-10.8	61	022	11	5589	-18.5	65	013	13	7219	-29.1	52	004	20	9216	-43.3	351	30
17	4248	-05.9	A15	199	14	5652	-14.8	A16	199	10	7304	-26.3	38	215	06	9314	-42.5	277	06
18	4202	-09.0	44	227	20	5538	-16.0	72			7236	-27.2	55			9241	-43.4		
19	4172	-11.0	A16	274	04	5549	-20.9	A18	239	06	7159	-33.3	A21	230	14	9132	-44.9	210	28
20	4205	-11.4	28	015	07	5580	-20.2	A17	356	03	7198	-31.2	A20	219	03	9180	-44.9	211	13
21	4217	-08.5	A15	026	03	5610	-16.8	33	022	05	7248	-28.9	31	044	04	9245	-43.3	150	05
22	4171	-09.0	46	069	05	5556	-18.8	33	047	07	7185	-29.1	30	043	10	9177	-44.7	127	09
23	4159	-10.0	A16	096	11	5544	-18.0	A17	092	12	7177	-29.0	A20	101	23	9174	-43.6	100	05
24	4216	-10.6	45	070	08	5600	-18.0	A17	060	09	7231	-30.0	A20	060	12	9209	-46.8	054	14
25	4255	-11.2	29	355	06	5634	-19.3	25	014	04	7255	-31.0	52	021	06	9225	-46.9	097	10
26	4264	-12.6	76	324	05	5634	-21.1	23	004	10	7239	-34.0	62	290	15	9187	-49.7	219	14
27	4250	-12.4	39	360	11	5625	-19.9	A17	009	13	7241	-31.8	A20			9214	-46.4		
28	4204	-11.3	24	350	11	5579	-20.9	34	350	09	7188	-35.1	60	356	14	9153	-45.9	021	22
29	4105	-13.3	76	282	07	5446	-21.5	80	260	03	7078	-32.2	78	266	09	9049	-47.4	275	11
30	4087	-14.3	60	223	10	5446	-22.7	74	225	11	7052	-32.4	73	230	14	9018	-44.2		
31	4063	-13.8	68	192	17	5426	-22.6	72			7024	-34.7	72			8974	-47.1		
MN	4181	-12.2	48			5553	-20.6	41	309	04	7167	-32.2	41	315	05	9136	-46.3	316	06

Day	200 MBS				150 MBS				100 MBS				70 MBS			
	Altitude (Pascals 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	11661	-41.1	253	10	13616	-41.4	000	00	16366	-41.8	290	02	18787	-40.9	325	01
02	11682	-42.5	250	08	13630	-42.1	255	07	16378	-41.4	225	04	18803	-40.8	222	02
03	11703	-41.2			13651	-43.0			16402	-40.9			18832	-40.4		
04	11820	-41.9			13763	-43.0			16493	-43.3			18907	-40.9		
05	11826	-42.0	271	08	13771	-42.9	250	08	16498	-44.7	247	03	18889	-43.6	215	02
06	11804	-44.8	351	08	13759	-43.1	279	05	16470	-43.2	270	03	18878	-42.2	077	01
07	11781	-48.0			13702	-44.0			16430	-43.7			18845	-42.2		
08	11759	-41.8	305	07	13706	-42.3	318	06	16446	-42.6	347	05	18856	-42.3	017	05
09	11776	-41.6	352	10	13729	-42.2	353	07	16461	-43.0	336	06				
10	11767	-43.9			13700	-43.7			16423	-43.8			18824	-43.0		
11	11918	-52.0			13817	-46.2			16524	-44.4			18924	-42.7		
12	11804	-43.1			13749	-43.8			16462	-44.4			18865	-42.5		
13	11753	-38.0			13715	-41.5			16436	-43.0			18862	-42.0		
14	11845	-47.4			13770	-44.7			16481	-44.3			18878	-43.3		
15	11871	-47.2			13783	-45.4			16498	-45.0						
16	11898	-44.9			13818	-45.1			16531	-45.1			18928	-42.0		
17	11961	-48.7	295	09	13862	-44.6	255	02	16568	-44.8	140	02	18960	-43.8	094	03
18	11903	-46.1			13823	-44.6			16543	-44.8			18949	-42.4		
19	11850	-42.0			13795	-44.2			16519	-43.0			18933	-43.2		
20	11864	-44.1	013	02	13790	-45.1	030	02	16501	-44.2	162	03	18900	-42.7	060	04
21	11899	-45.8	036	03	13818	-45.0	038	04	16536	-43.8	049	02	18938	-42.8	037	03
22	11850	-43.7	043	05	13794	-42.7	038	02	16528	-42.5	074	03	18938	-43.4	072	03
23	11861	-43.0			13804	-42.3			16542	-43.0			18944	-43.2		
24	11849	-45.6	030	09	13773	-44.8	042	05	16505	-42.7	028	03	18906	-42.9	060	04
25	11872	-45.1	024	06	13797	-44.1	015	05	16527	-42.7	051	04	18936	-42.5	051	03
26	11870	-43.6	344	11	13804	-44.0	005	05	16533	-42.9	003	04	18944	-41.8	329	04
27	11868	-44.9			13803	-42.9			16528	-43.8			18940	-41.4		
28	11812	-45.0	008	08		-42.5										
29	11712	-45.3	275	05	13657	-42.9	283	05	16404	-41.3	353	03	18826	-41.3	036	03
30	11698	-43.6			13637	-42.4			16387	-41.4			18807	-41.8		
31	11682	-40.9			13632	-43.1			16381	-41.1			18803	-41.7		
MN	11814	-44.2			13748	-43.6			16477	-43.1			18886	-42.3		

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS						
	Altitude (Pascals 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	4104	-14.0	30	255	11	5463	-23.0	28	249	14	7038	-35.1	A21	244	21	9000	-50.5		
02	4101	-17.7	43	244	07	5442	-26.4	37	225	10	7020	-37.0	50	215	10	8958	-49.2		
03	4180	-17.2	34	242	11	5526	-24.8	A18	230	11	7114	-35.9	A21			9047	-50.8		
04	4217	-15.2	62	273	07	5577	-22.7	A18	270	08	7178	-33.6	A21	254	12	9134	-48.9	248	20
05	4217	-14.0	26	001	06	5563	-21.2	26	358	08	7191	-33.8	A21	007	09	9144	-49.0	368	13
06	4239	-10.6	59	356	09	5619	-19.9	40	341	08	7234	-32.4	A20	006	10	9200	-47.5	018	14
07	4172	-10.6	83	271	13	5550	-20.3	75	277	09	7163	-32.2	39	269	10	9123	-48.6	281	12
08	4129	-14.5	86	306	03	5487	-24.0	44	239	05	7081	-34.7	A21	220	07	9058	-49.9	209	04
09	4172	-12.9	A16	343	14	5539	-21.6	A18			7144	-33.7	A21			9058	-48.6		
10	4199	-10.1	39	343	12	5579	-20.2	48	340	12	7193	-32.0	42			9162	-46.9		
11	4160	-04.5	51	267	22	5568													

CLYDE, N.W.T.

JULY 1961

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	50 MBS				30 MBS				20 MBS				10 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	21081	-40 0		155	02	24581										
02	21096	-40 2		087	05	24592	-38 1									
03	21129	-40 0				24626	-38 9		204	03						
04	21198	-41 0				24692										
05	21159	-42 1		272	02	24626										
06	21160	-41 1		118	02	24640	-39 9		032	06						
07	21118															
08	21195	-41 5		070	07	24607	-40 7		059	05						
09																
10	21100	-42 2														
11	21200	-42 0				24662	-40 8									
12	21136															
13	21192	-42 8				24590	-40 3									
14	21150	-42 6				24606										
15																
16	21206	-42 3				24694										
17	21230	-41 3		135	05	24688										
18	21295	-41 1														
19	21215	-41 4														
20	21176	-42 0		099	02	24635										
21	21219															
22	21218															
23	21213	-42 7														
24	21185	-41 9		060	02	24640										
25	21210	-42 4		078	05	24667										
26	21223	-42 5		083	07											
27	21225	-41 5				24691										
28																
29	21108	-42 0		074	06											
30	21086	-42 1														
31	21082	-42 3														
MEAN	21165	-41 7				24637	-39 8									

CONSTANT PRESSURE DATA

12 GMT.

Day	50 MBS				30 MBS				20 MBS				10 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	21091	-40 2														
02	21074	-40 2				24570	-38 8									
03	21135	-40 9				24633	-37 0									
04	21194	-41 0														
05	21183	-41 5		123	02											
06																
07	21139	-41 3		065	03	24625	-38 5		089	08						
08	21099	-41 9		048	06											
09	21139	-41 8														
10	21086	-43 0														
11	21119	-42 8														
12	21086	-42 7				24541										
13	21173	-41 7				24643	-40 4									
14	21170	-43 2				24615	-41 6									
15	21214	-42 0				24677	-41 8		27444	-38 9						
16	21203	-41 4		106	06											
17	21164	-42 4														
18	21212	-41 9														
19	21138	-41 9		090	05	24598										
20	21193															
21	21161	-43 5		095	04	24623	-40 6		098	11						
22	21159															
23	21249	-41 2														
24	21157	-42 9		057	06											
25	21177															
26	21194	-41 8		090	03											
27																
28	21123															
29	21069															
30	21041	-41 6				24510	-40 7									
31																
MEAN	21148	-42 0				24604	-39 9		27444	-38 9						

A Statistical Value for Relative Humidity

* Vector Mean Wind

- Entered under Wind Direction indicates a Status of Missing Wind Data

00 GMT.

SPECIAL AEROLOGICAL DATA

Day	SURFACE										FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL								
	SYNOPTIC DATA										Lowest		Highest																		
	Mo	K	Pa	Q	W	V	U	W	U	W	U	Alt.	Pres.	Alt.	Pres.	Alt.	Pres.	Temp.	°	°A	Alt.	Pres.	Temp.	°	°A	Alt.	Pres.	Velocity			
01	24739	01	7	03	1	1	22	866	1	22	866	1	08	61	314	-47	3	314	0					9	08	80	306	266	19		
02	34730	03	6	01	1	1	24	870	1	24	870	2	09	39	281	-51	4	319	0					9	06	60	426	230	12		
03	12742	03	2	10	1	1	63	830	1	63	830	1	08	66	313	-48	1	314	0					9	06	96	403	259	27		
04	30931	03	2	11	1	1	79	823	1	75	823	2	09	68	275	-52	1	319	0					9	09	50	284	256	28		
05	14640	03	6	00	1	1	49	859	1	49	859	1	09	40	287	-50	9	318	0					9	07	40	388	309	10		
06	24609	03	7	05	1	1	38	861	1	70	826	1	10	36	249	-53	8	328	0					9	09	25	295	336	16		
07	20944	03	7	12	1	2	56	740	2	56	740	1	10	71	235	-59	1	323	0					9	09	21	297	303	16		
08	7647	03	2	05	1	2	08	781	2	08	781	1	09	40	284	-53	1	316	0					9	03	59	645	261	09		
09	41570	03	2	06	1	0	93	906	0	93	906	1	09	68	273	-53	0	319	0					8	09	30	291	355	17		
10	00908	01	7	02	1	1	75	818	1	75	818	1	09	60	276	-53	5	317	0					1	06	80	420	342	17		
11	40949	03	7	11	1	2	80	720	2	80	720	1	11	14	224	-56	4	332	0					1	09	31	298	318	26		
12	5142	03	0	06	1	1	90	795	1	90	795	1	09	88	267	-49	7	326	1	14	21	140	-45	8	399	1	05	23	516	239	28
13	62620	03	2	12	1	1	05	891	1	05	891	2	08	00	347	-45	3	308	1	12	23	186	-40	5	376	1	03	70	633	329	17
14	60929	03	7	12	1	1	75	822	1	75	822	1	10	95	229	-54	9	333	0					1	02	78	723	359	17		
15	31530	03	2	03	1	2	27	768	2	27	768	1	10	84	234	-57	9	326	0					1	04	20	601	352	18		
16	20979	01	8	01	1	2	34	760	2	34	760	1	10	43	249	-52	5	328	0					1	09	23	299	351	30		
17	20878	01	6	03	1	3	30	676	3	30	676	1	11	47	215	-55	2	338	0					9	10	45	253	277	21		
18	10944	03	2	20	1	2	81	715	2	81	715	1	10	75	238	-52	2	333	0					1	05	18	527	224	24		
19	10985	03	2	03	1	1	65	826	1	65	826	1	09	70	275	-48	0	325	0					1	08	83	313	209	30		
20	00905	01	2	01	1	2	40	755	2	40	755	1	10	05	262	-51	2	325	0					9	09	41	289	264	14		
21	00901	02	7	14	1	2	82	716	2	82	716	1	11	07	226	-54	3	334	0					8	10	35	254	167	09		
22	00905	03	7	02	1	2	70	723	2	70	723	1	10	37	250	-53	1	327	0					8	08	16	348	400	11		
23	861	10	2	19	2	0	17	990	2	56	735	1	10	20	256	-51	5	327	0					4	07	02	409	100	23		
24	21540	02	2	03	1	1	91	804	1	91	804	1	10	39	250	-55	0	324	0					9	0						

CLYDE, N.W.T.

AUGUST 1961

STATION INSTRUMENTATION
USWS 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.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include time (01-31) and station (MN) with various meteorological data points.

CONSTANT PRESSURE DATA 00 GMT.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include time (01-31) and station (MN) with various meteorological data points.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include time (01-31) and station (MN) with various meteorological data points.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include time (01-31) and station (MN) with various meteorological data points.

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

CLYDE, N.W.T.

AUGUST 1961

STATION INSTRUMENTATION

USWS 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.

00 GMT.

CONSTANT PRESSURE DATA

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	4035	-13.8	84	158	15	5398	-22.1	78	155	20	7006	-32.2	72		8982	-45.9	9	
02	4034	-14.1	85			5400	-20.8	73			7018	-31.5	40		8980	-45.0	0	
03	4060	-11.2	88			5436	-20.2	77			7049	-32.5	70		9014	-47.7	7	
04	4022	-17.6	A17	148	12	5377	-21.5	A18	142	18	6997	-29.2	A20	294	18	9002	-41.3	3
05	4077	-07.9	89			5479	-15.1	82			7127	-27.3	72		9126	-43.9	6	
06	4071	-10.6	24	157	08	5447	-20.3	86	161	08	7059	-32.4	A20	173	08	9020	-48.6	9
07	4030	-12.0	87	108	11	5397	-22.8	81	092	18	7000	-34.2	65	091	19	8946	-49.8	8
08	3984	-14.7	77	103	15	5329	-24.7	46	095	16	6917	-36.2	31	092	13	8856	-47.4	4
09	4008	-15.4	81	057	03	5357	-25.9	74	018	09	6932	-38.6	64	025	13	8873	-43.0	0
10	3984	-11.9	80			5398	-19.2	54			6978	-31.7	29		8948	-45.9	9	
11	3964	-16.8	84	224	04	5310	-25.8	77	190	06	6890	-37.0	70	169	06	8845	-42.1	1
12	3995	-18.3	83	293	03	5328	-28.3	73	351	04	6887	-40.4	4	305	08	8879	-42.1	1
13	4041	-18.7	82	181	06	5377	-27.3	74	182	08	6949	-37.9	63	193	13	8845	-49.6	6
14	4065	-17.0	82	161	09	5413	-25.0	20	167	16	7000	-36.0	A21	171	16	8842	-49.5	5
15	4064	-21.9	47	241	05	5384	-29.1	39	203	06	6949	-39.5	29	190	08	8974	-48.7	7
16	4083	-21.4	62	310	04	5401	-31.1	66	303	03	6944	-42.8	8	340	05	8859	-45.8	8
17	4105	-18.0	A17	244	07	5452	-24.7	A18	296	13	7043	-35.0	30	308	16	8994	-47.4	4
18	4040	-13.6	85	163	16	5415	-20.0	81	167	11	7033	-31.1	67	171	22	9009	-46.0	0
19	3966	-16.9	75	157	10	5310	-26.1	70	153	12	6888	-37.4	64	174	14	8825	-50.1	1
20	3940	-16.4	81	058	03	5386	-25.8	64	072	04	6866	-36.7	66	102	04	8799	-50.5	5
21	3988	-19.9	86	333	04	5325	-27.5	74	028	07	6901	-37.8	73	016	08	8826	-50.2	2
22	3997	-17.7	55	291	01	5347	-23.5	38	336	07	6940	-35.6	60	331	14	8879	-51.6	6
23	3944	-13.4	55	145	07	5310	-21.3	56	175	07	6916	-33.7	64	132	11	8875	-49.3	2
24	4014	-17.9	A17	009	13	5353	-26.2	29	010	17	6935	-36.1	32	008	22	8870	-49.9	9
25	4055	-18.7	A17			5395	-26.1	A19			6964	-39.2	A22			8878	-52.0	0
26	4059	-13.5	84	272	26	5420	-24.6	74			7018	-32.2	70			8976	-47.4	4
27	4026	-15.7	A16	302	20	5380	-23.7	A18			6977	-33.6	A21			8931	-49.1	1
28	3986	-21.1	32	295	13	5307	-30.4	29	287	21	6859	-40.8	8			8778	-47.1	1
29	3991	-23.3	53			5303	-30.8	32			6868	-39.0	A22			8781	-48.2	2
30	4010	-16.5	A17	258	04	5363	-22.5	66	277	18	6971	-31.9	75	273	28	8944	-46.4	4
31	3969	-14.2	86	158	08	5331	-21.9	77	168	09	6941	-32.5	71	159	14	8900	-48.8	8
NN	4020	-16.2	59			5371	-24.4	54	161	02	6962	-35.2	50	206	02	8911	-47.6	6

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	11693	-42.2	2			13695	-43.1				16365	-43.3	3			18767	-43.0	1		
02	11684	-41.0	0			13632	-42.3				16375	-42.3	2			18789	-42.1	0		
03	11709	-42.5	5			13649	-44.3	5			16376	-43.3	3			18780	-42.9	9		
04	11744	-42.5	2	217	05	13680	-44.5	5		226	02	16410	-43.4	4	221	02	18815	-41.1	1	
05	11772	-46.8	8			13691	-46.2	2			16397									
06	11714	-41.4	4	164	09	13662	-43.1	1	166	04	16391	-43.0	0	109	02	18808	-41.6	0		
07	11662	-40.6	6	096	09	13613	-42.4	4	194	01	16356	-42.1	0	048	04	18770	-42.0	0		
08	11609	-39.9	9	084	07	13570	-41.0	7	090	04	16319	-41.9	9	058	04	18737	-41.7	0		
09	11633	-40.2	2	153	03	13583	-43.0	0	176	05	16322	-42.9	8	111	03	18726	-41.9	9		
10	11663	-40.7	7			13613	-42.9	9			16341	-42.8	8			18738	-43.9	5		
11	11617	-39.2	0			13578	-41.5	5	119	06	16318	-42.9	9	131	04	18724	-42.9	1		
12	11623	-38.2	2	155	05	13597	-39.7	7	123	04	16369	-41.4	4	126	04	18790	-42.0	0		
13	11606	-39.8	8	192	04	13569	-40.5	5	137	02	16326	-41.6	6	054	02	18740	-42.5	5		
14	11637	-41.0	0	173	04	13592	-41.2	2	177	04	16344	-41.6	6	159	03	18762	-41.8	8		
15	11607	-39.5	5	202	04	13568	-41.3	3												
16	11619	-39.0	0	260	07	13581	-42.2	2	258	06	16324	-42.1	2	225	04	18740	-41.9	9		
17	11651	-44.8	8			13582	-44.3	7			16304	-43.0	0			18716	-42.6	6		
18	11662	-45.5	9	174	14	13585	-44.1	1	216	11	16307	-44.0	0	234	08	18702	-44.0	0		
19	11561	-39.5	5	183	08	13523	-41.0	0	202	09	16282	-40.7	7	226	06	18690	-43.2	2		
20	11512	-41.5	5	134	03	13468	-40.6	6	225	02	16220	-42.2	2	250	04	18630	-42.8	8		
21	11541	-41.2	2	002	07	13496	-41.8	8	321	05	16238	-43.0	0	225	02	18623	-45.0	0		
22	11595	-43.0	0	312	08	13478	-42.0	0	299	07	16231	-41.3	3	336	05	18648	-42.2	2		
23	11499	-44.7	7	290	05	13437	-42.1	1	310	06	16173	-43.4	4	318	02	18570	-44.6	0		
24	11563	-42.0	0			13513	-42.0	0			16267	-42.1	1			18681	-41.9	9		
25	11567	-44.0	0			13498	-43.9	9			16223	-43.5	5			18622	-43.5	5		
26	11633	-45.6	5			13546	-46.5	5			16249	-45.8	8			18617	-47.7	7		
27	11603	-43.8	8			13534	-44.1	1			16250	-45.1	1			18631	-45.5	5		
28	11517	-41.0	0			13470	-41.5	0			16213	-42.6	6			18611	-44.6	6		
29	11512	-41.9	9			13449	-44.7	7			16179	-42.8	8			18575	-44.6	6		
30	11587	-47.0	0			13503	-45.2	2			16219	-43.8	8			18614	-44.0	0		
31	11536	-47.7	7	213	07	13445	-45.7	7	181	10	16154	-44.7	7							
NN	11615	-42.2	2			13559	-42.8	8			16295	-42.8	8			18701	-43.0	0		

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

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	3988	-17.7	60	178	15	5325	-25.4	A19	183	25	6922	-34.2	A21		8894	-40.9	9	
02	4017	-13.6	88			5441	-21.4	50			7048	-32.2	39		9010	-47.7	7	
03	4017	-13.6	88			5379	-22.9	41			6982	-32.8	30		8956	-45.0	0	
04	4065	-08.9	81	187	07	5455	-17.0	38	214	11	7090	-29.9	A20	219	09	9071	-45.3	3
05	4068	-12.1	A16	191	08	5435	-21.8	A18	175	12	7044	-32.2	A20	180	16	9012	-45.2	2
06	4040	-13.0	25	130	08	5410	-21.0	A18	120	10	7020	-33.2	A21	122	09	8978	-48.5	5
07	3988	-15.8	37	100	11	5345	-23.1	A18	093	13	6942	-35.0	32	079	14	8886	-48.6	6
08	4014	-15.8	77	097	12	5363	-25.6	63	106	14	6940	-38.4	58	096	20	8870	-49.3	3
09	3977	-16.8	46	202	06	5329	-22.5	A18	208	16	6944	-30.3	28	199	27	8931	-44.1	1
10	3940	-15.8	89	103	02	5290	-24.8	75	105									

CLYDE, N.W.T.

AUGUST 1961

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.

Table with columns for Day, Altitude, Temp., R.H., Wind, and pressure levels (50 MBS, 30 MBS, 20 MBS, 10 MBS).

00 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL.

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for Day, Altitude, Temp., R.H., Wind, and pressure levels (50 MBS, 30 MBS, 20 MBS, 10 MBS).

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL.

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

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include altitude, temperature, R.H., and wind data for various time slots from 01 to 30.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include altitude, temperature, R.H., and wind data for various time slots from 01 to 30.

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

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include altitude, temperature, R.H., and wind data for various time slots from 01 to 30.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include altitude, temperature, R.H., and wind data for various time slots from 01 to 30.

CLYDE, N.W.T.

SEPTEMBER 1961

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.

Alt.	50 MBS				30 MBS				20 MBS				10 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	20767	-46.4			24149	-47.8										
02	20908	-46.2														
03	20982	-46.4			24359											
04	20910	-51.3														
05																
06	20910	-49.4		292 05	24257	-50.0										
07	20875	-49.8		249 04	24222	-49.3		264 09								
08	20848	-49.4			24183											
09	20783	-49.6		242 03												
10																
11																
12																
13	20668															
14	20683	-47.9		273 01	24041											
15	20621	-49.7														
16	20661															
17																
18																
19																
20	20469	-50.8		266 08												
21	20487	-52.0			23782	-52.9										
22	20530	-53.2														
23	20467	-53.5		250 14	23727	-55.6		262 11								
24	20489	-52.2			23768	-53.7										
25	20510	-52.5		230 13	23796	-53.8		273 14	26402	-53.7						
26	20444	-53.4		158 11												
27	20527	-51.3														
28	20516	-51.1			23822	-56.3										
29	20473	-53.0			23745	-54.4										
30	20509	-51.5			23801	-54.4			26389	-56.2						
MN	20654	-50.6			23973	-52.6			26396	-55.0						

CONSTANT PRESSURE DATA

12 GMT.

Alt.	50 MBS				30 MBS				20 MBS				10 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	20879	-46.5														
02	20898	-48.7			24258	-46.8										
03	20952	-48.8														
04	20952	-48.8														
05	20873	-47.9		236 07	24224											
06																
07	20896	-48.6														
08	20832															
09	20789															
10	20784	-48.2														
11																
12	20692	-50.0		087 02	24031											
13	20673															
14	20649	-47.8		145 04												
15	20657	-49.0		231 02												
16	20596	-49.6														
17	20670															
18	20578	-49.6														
19	20542	-49.2														
20	20497	-50.8		278 05												
21																
22	20585	-51.5			23691	-51.6										
23	20509	-51.9														
24	20613	-50.4		235 12	23996											
25	20475	-52.1		232 14	23774											
26	20512	-50.7		252 10												
27																
28	20561	-51.3														
29	20533	-50.2														
30	20612	-50.0														
MN	20674	-49.7			24019	-49.2										

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

00 GMT.

SPECIAL AEROLOGICAL DATA

Alt.	SYNOPTIC DATA										FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX WIND LEVEL								
	%	Cl	Br	W	W	W	W	W	W	W	Alt. gpm.	Pres. mb.	Alt. gpm.	Pres. mb.	Alt. gpm.	Pres. mb.	Temp. °C	° A	Alt. gpm.	Pres. mb.	Temp. °C	° A	Alt. gpm.	Pres. mb.	Velocity deg. mps.						
	0	1	2	3	4	5	6	7	8	9	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0						
01	61500	03	2	06	1	0	28	961	0	28	961	1	09	38	273	-53	3	318	0				5	09	06	287	136	33			
02	61500	02	2	01	1	0	08	994	0	08	994	1	07	30	368	-43	4	306	0				8	06	30	414	148	13			
03	61500	01	2	10	1	0	36	970	0	36	970	1	10	20	252	-49	0	333	0				1	05	92	468	303	29			
04	864--	61	7	23	1	0	23	977	0	23	977	1	10	31	249	-51	1	330	0				5	08	81	311	230	42			
05	862--	02	2	02	1	0	23	969	0	23	969	2	09	44	278	-45	0	329	0				1	07	56	366	188	28			
06	862--	03	3	07	1	0	17	979	0	17	979	1	09	08	293	-49	5	318	0				9	11	25	211	123	12			
07	35570	01	2	16	1	0	23	982	0	23	982	1	09	73	265	-53	8	321	0				9	05	85	468	303	10			
08	61500	03	8	01	1	0	08	005	0	08	005	1	10	05	255	-53	5	324	0				1	10	10	253	265	33			
09	814--	02	7	01	1	0	02	010	0	02	010	1	09	90	260	-54	2	322	0				9	13	39	153	226	15			
10	61500	71	2	06	0							1	11	05	222	-55	4	335	0				8	10	17	253	184	31			
11	864--	02	2	01	0							2	10	32	245	-55	3	325	0				8	10	16	252	192	21			
12	7747--	02	3	02	1	0	02	010	0	02	010	2	09	70	266	-55	3	318	0				8	09	77	263	204	21			
13	864--	02	7	07	0							2	09	64	266	-56	1	317	0				8	07	70	356	222	11			
14	66500	02	7	03	0							1	09	60	264	-54	5	319	0				9	08	10	335	246	10			
15	11578	03	7	02	8							1	09	51	270	-57	8	313	0				1	09	47	372	213	16			
16	71400	03	4	00	0							2	09	20	283	-53	4	316	0				6	10	64	224	196	30			
17	864--	10	7	14	0							2	08	78	295	-49	3	317	0				8	07	75	348	140	14			
18	25500	02	2	08	0							6	08	50	306	-52	5	309	0				5	08	29	317	299	22			
19	50821	01	7	14	0							1	09	92	250	-57	9	320	0				3	05	85	458	221	32			
20	9-0--	71	2	16	1	0	07	974	0	07	974	1	09	61	259	-60	3	313	0				9	10	08	242	146	24			
21	61500	01	2	20	0							1	08	59	306	-51	8	311	1	16	81	088	-50	8	445	6	10	49	229	268	21
22	852--	03	5	03	0							1	09	70	263	-53	4	322	0				1	10	55	232	271	38			
23	1722--	71	7	03	0							1	09	04	287	-47	1	323	0				9	12	15	179	263	26			
24	68500	03	3	03	0							1	09	20	279	-52	5	318	2	13	66	143	-49	1	391	8	14	54	125	220	19
25	66520	03	2	10	0							1	09	43	277	-56	0	322	0				9	18	46	066	280	13			
26	11470	03	2	10	0							1	09	20	277	-57	2	312	0				8	19	26	061	261	15			
27	864--	02	2	10	0							1	08	69	302	-56	0	306	0				1	06	56	418	293	29			
28	25630	01																													

CLYDE, N.W.T.

OCTOBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Day	SURFACE				1000 MBS				950 MBS				900 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	1024	-10.0	88	000	0199	-07.3	62	000	0610	-09.0	4	54	139	02	1017	-08.6	46	180	03		
02	1018	-04.4	85	180	08	0154	-05.5	83	163	08	0550	-08.4	5	83	138	07	0973	-08.8	78	135	09
03	1016	-04.0	84	315	07	0063	-04.4	84	316	07	0473	-07.4	4	96	339	08	0884	-09.2	86	011	07
04	1001	-02.9	81	270	04	0024	-03.0	81	270	04	0425	-06.5	7	79	293	04	0847	-10.2	88	295	03
05	1002	-07.2	80	000	00	0026	-06.7	79	000	00	0420	-07.4	7	74	000	00	0855	-05.5	64	208	03
06	0998	-01.1	85	180	13	0003			0420	000	8	69	178	11	0846	-01.7	61	181	11		
07	1001	001.7	73	225	05	0023	001.6	73	225	05	0430	-00.7	7	72	218	08	0865	-03.2	71	210	09
08	1013	-02.3	82	315	02	0120	-03.1	82	340	03	0540	-05.9	8	84	020	03	0946	-08.9	87	288	02
09	1003	-02.8	89	045	05	0040	-03.0	89	040	05	0450	-05.5	8	89	042	08	0867	-08.1	89	040	07
10	1003	-03.2	73	270	05	0039	-03.3	73	273	05	0440	-06.3	3	72	312	05	0863	-09.5	70	326	06
11	1015	-09.2	70	180	02	0132	-08.3	68	186	02	0535	-08.6	5	55	250	03	0949	-10.6	49	303	08
12	1002	-04.6	81	135	03	0029	-04.7	81	137	03	0425	-07.5	5	83	149	04	0840	-10.6	84	130	07
13	1005	-05.0	93		0052	-05.3	93		0463	-08.2	91			0870	-11.3	89					
14	1007	-07.8	87	270	04	0069	-08.4	86	270	04	0460	-12.9	7	74	275	02	0873	-16.8	80	316	01
15	1009	-11.2	75	000	00	0082	-11.3	74	000	00	0480	-12.2	7	72	108	02	0885	-15.7	77	119	05
16	1009	-11.3	95	270	03	0084	-11.9	94	264	03	0470	-15.2	5	52	248	04	0880	-18.7	49	277	07
17	1012	-15.6	69	135	02	0104	-11.7	60	133	02	0500	-14.0	4	45	070	02	0904	-17.0	48	313	04
18	1007	-09.2	79	270	03	0068	-09.7	80	282	03	0470	-11.3	3	84	007	03	0877	-12.0	88	094	05
19	1005	-06.5	83	315	06	0053	-06.7	84	324	06	0460	-09.1	1	87	048	05	0868	-11.7	90	081	05
20	1006	-05.9	84	270	07	0065	-06.4	84	279	07	0470	-09.5	8	84	336	07	0879	-12.7	83	333	05
21	1005	-10.1	78	270	03	0053	-10.3	78	271	03	0440	-13.2	5	59	296	05	0855	-16.2	79	331	05
22	1007	-15.8	75	270	03	0066	-16.3	72	270	03	0450	-17.5	5	55	252	02	0854	-20.2	52	191	02
23	1006	-17.2	70	000	00	0063	-17.3	70	000	00	0450	-18.0	0	69	000	00	0850	-19.3	65	000	00
24	1009	-17.7	71	135	03	0085	-16.0	62	141	03	0475	-17.1	6	62	157	05	0875	-20.3	66	157	07
25	0993	-01.7	81	180	12	-037			0373	-09.1	1	80	181	11	0802	-02.6	78	189	10		
26	1008	-06.1	84		0105	-06.5	82		0465	-09.6	6	66			0870	-12.9	83				
27	1014	-15.7	66	000	00	0123	-15.9	64	000	00	0505	-16.5	5	57	301	02	0914	-19.0	60	328	04
28	1029	-16.2	52	000	00	0233	-12.9	59	000	00	0630	-13.9	9	64	055	02	1033	-16.2	69	333	02
29	1033	-10.7	80	180	05	0263	-11.7	81	170	05	0660	-13.1	8	80	159	06	1072	-07.2	54	317	04
30	1025	-06.9	85	135	07	0209	-08.5	85	147	09	0600	-11.9	9	85	133	11	1022	-07.0	A15	138	11
31	1017	-07.7	83	135	05	0148	-08.6	83	140	05	0560	-07.9	7	73	149	07	0973	-00.9	A14	130	11
MN	1009	-08.0	78		87	-08.4	76		487	-09.7	73		901	-11.4	67						

Day	850 MBS				800 MBS				750 MBS				700 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	1459	-09.4	46	330	06	1927	-10.9	9	46	343	06	2430	-13.3	3	46	357	07	2943	-16.1	4	47	348	08
02	1417	-07.6	38	137	08	1890	-07.9	9	30	137	06	2390	-10.7	7	39	145	05	2917	-14.3	3	43	167	04
03	1327	-08.6	68	031	09	1798	-09.0	0	48	042	08	2300	-10.1	1	34	043	08	2826	-13.0	0	31	040	08
04	1288	-09.9	72	302	03	1755	-12.4	36	322	04	2260	-15.7	6	36	322	06	2763	-17.3	3	68	321	05	
05	1303	-06.8	48	166	04	1775	-10.1	1	57	159	05	2270	-13.7	6	64	169	05	2791	-16.5	5	65	200	08
06	1299	-04.9	55	188	12	1774	-08.3	3	49	202	16	2290	-08.0	0	64	208	15	2809	-11.3	7	70	191	14
07	1316	-05.5	69	220	12	1791	-07.7	6	69	222	11	2295	-11.2	2	74	218	11	2816	-15.2	2	78	207	11
08	1386	-12.0	89	232	04	1849	-12.8	6	66	252	03	2325	-13.7	3	90	241	05	2862	-16.3	3	A17	225	05
09	1309	-10.9	89	054	04	1773	-14.0	0	89	089	03	2270	-15.2	2	68	107	06	2780	-17.5	5	84	143	07
10	1301	-13.0	71	322	08	1760	-17.3	3	79	318	08	2260	-16.3	3	72	309	08	2761	-18.2	2	66	300	08
11	1386	-12.2	55	309	09	1847	-15.6	5	52	302	11	2330	-18.4	4	49	315	10	2844	-20.2	4	42	295	08
12	1286	-13.6	84	117	11	1746	-16.3	8	82	113	11	2230	-19.2	7	79	118	11	2741	-19.6	7	77	130	08
13	1306	-14.4	87		1764	-17.4	84				2250	-20.1	81				2753	-23.1	78				
14	1300	-19.7	78	912	04	1752	-19.2	50	292	06	2240	-21.0	43	290	06	2739	-23.1	36	275	07			
15	1313	-19.0	81	138	03	1764	-20.7	74	207	05	2250	-21.6	74	242	04	2750	-23.0	72	258	03			
16	1304	-20.4	47	276	07	1751	-23.2	50	232	05	2235	-26.4	55	232	10	2716	-29.1	55	229	14			
17	1331	-20.0	53	300	06	1780	-21.5	50	300	06	2260	-24.8	40	310	06	2751	-28.2	30	296	06			
18	1312	-15.5	87	117	07	1767	-19.0	85	131	07	2260	-20.6	82	172	09	2756	-21.0	80	187	07			
19	1303	-14.9	89	075	05	1760	-18.4	87	100	04	2245	-21.9	96	159	03	2748	-19.3	84	174	08			
20	1312	-16.2	86	009	05	1768	-16.7	85	350	03	2260	-17.4	84	230	03	2767	-21.2	84	188	04			
21	1284	-17.5	54	307	03	1736	-21.0	0	62	248	02	2225	-24.9	75	242	04	2713	-23.7	34	190	04		
22	1275	-23.5	57	116	05	1720	-23.8	5	55	108	10	2205	-26.2	49	122	12	2686	-28.7	44	134	13		
23	1273	-21.7	58	248	03	1719	-23.4	4	59	207	04	2200	-22.9	40	172	06	2695	-24.3	A18	156	10		
24	1302	-15.0	48	169	06	1760	-15.5	46	203	08	2230	-17.5	30	210	10	2760	-19.9	64	205	10			
25	1253	-05.3	76	188	11	1728	-08.2	7	77	192	12	2240	-11.7	79	204	19	2752	-15.1	83	207	11		
26	1303	-16.0	67	040	06	1760	-16.2	64			2250	-17.1	66			2761	-19.2	36					
27	1337	-22.2	68	289	02	1781	-24.5	74	260	07	2260	-24.8	63	280	11	2751	-28.0	57	292	28			
28	1464	-15.1	73	310	05	1926	-14.3	3	68	322	08	2260	-16.7	53	322	10	2759	-17.9	57	323	14		
29	1518	-06.7	24	058	03	1991	-08.4	A15	138	03	2500	-10.5	47	019	05	3018	-12.6	6	50	355	04		
30	1471	-04.2	A15	131	09	1949	-05.2	A15	138	09	2445	-06.3	A15	133	08	2991	-08.7	A15	168	08			
31	1427	-02.3	A14	145	12	1909	-03.7	A14	138	11	2425	-05.1	A15	134	11	2960	-05.7	A15	138	13			
MN	1338	-13.0	63	177	01	1799	-14.9	59			2293	-16.8	56			2802	-18.9	53					

CLYDE, N.W.T.

OCTOBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude, Temp., R.H., and Wind for 600, 500, 400, and 300 MBS. Includes data rows for various altitudes and a summary row MN 3938.

Table with columns for Altitude, Temp., R.H., and Wind for 200, 150, 100, and 70 MBS. Includes data rows for various altitudes and a summary row MN 11339.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude, Temp., R.H., and Wind for 600, 500, 400, and 300 MBS. Includes data rows for various altitudes and a summary row MN 3939.

Table with columns for Altitude, Temp., R.H., and Wind for 200, 150, 100, and 70 MBS. Includes data rows for various altitudes and a summary row MN 11338.

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

CLYDE, N.W.T.

NOVEMBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include altitude, temperature, RH, and wind data for various pressure levels.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include altitude, temperature, RH, and wind data for various pressure levels.

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

CLYDE, N.W.I.
NOVEMBER 1961

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.

Table with columns for pressure levels (600 MBS, 500 MBS, 400 MBS, 300 MBS) and meteorological data (Altitude, Temp., R.H., Wind).

CONSTANT PRESSURE DATA

00 GMT.

Table with columns for pressure levels (200 MBS, 150 MBS, 100 MBS, 70 MBS) and meteorological data (Altitude, Temp., R.H., Wind).

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for pressure levels (600 MBS, 500 MBS, 400 MBS, 300 MBS) and meteorological data (Altitude, Temp., R.H., Wind).

CONSTANT PRESSURE DATA

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Table with columns for pressure levels (200 MBS, 150 MBS, 100 MBS, 70 MBS) and meteorological data (Altitude, Temp., R.H., Wind).

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

CLYDE, N.W.T.

NOVEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	Altitude (Press. 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	20318	-60.7			23462											
02																
03	20168	-65.2	228	18												
04	20107	-64.8	306	13	23187	-70.0	343	08								
05	20211	-61.7														
06	20232	-59.0														
07	20161	-58.8			23315											
08	20157	-59.7	290	14												
09	20060	-57.9	261	12	23252											
10	20009	-57.9	275	17	23211											
11	20116															
12	20201															
13	20236	-59.2	270	16	23424											
14	20233															
15																
16	20248	-51.0			23541	-55.2										
17	20362	-52.0	335	16	23650											
18	20361	-51.7	292	10												
19	20349	-50.8	277	12												
20	20310	-50.7	261	10	23631	-52.8	283	13								
21	20362															
22	20391	-48.0	226	16												
23	20235	-54.5			23529	-53.3										
24	20202	-54.4			23474											
25	20166	-51.7			23452	-55.1										
26																
27	19964	-58.6			23234											
28																
29	19759															
30	19798	-67.6	227	19												
MEAN	20181	-56.9			23412	-57.3										

CONSTANT PRESSURE DATA

12 GMT.

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	Altitude (Press. 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	20225	-62.8			23320											
02	20176	-65.0	235	17												
03	20113															
04	20165	-62.1	334	19	23304				25794	-68.5						
05	20191	-60.0			23340	-65.1										
06	20181	-58.8														
07	20148	-57.4	297	14												
08	20066	-58.9	270	14	23242	-63.9	284	13								
09	20016															
10	20096	-58.5	267	11	23289											
11	20138	-60.6			23318											
12	20281															
13	20242	-55.5	238	16	23468	-59.0	248	19								
14	20120	-53.7	271	11	23406											
15	20139	-51.7														
16	20254	-51.0			23544											
17	20328	-51.9	308	09	23601	-56.5	290	11								
18	20299	-52.6	264	08	23573											
19	20259	-52.1	268	10	23554	-55.0	262	10								
20	20317	-51.0	259	08	23626	-52.7										
21	20374	-50.0														
22	20380	-50.2			23687											
23	20307	-52.7			23612	-53.4										
24	20189	-52.4			23485	-53.8			26084	-52.5						
25	20165	-54.1			23448											
26	20059	-55.5														
27	19871	-57.0			23093											
28	19768	-62.9			22898											
29																
30																
MEAN	20174	-55.9			23411	-57.4			25939	-60.5						

A Statistical Value for Relative Humidity

* Vector Mean Wind

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

00 GMT.

SPECIAL AEROLOGICAL DATA

Day	SURFACE										FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL								
	SYNOPTIC DATA					Lowest		Highest		TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL													
	Alt.	Dir.	Wv	app	g	Alt.	Pres.	Alt.	Pres.	g	Alt.	Pres.	Temp.	°A	g	Alt.	Pres.	Temp.	°A	g	Alt.	Pres.	Velocity								
01	863	02	5	00	0					1	10	67	290	-66	9	314	0				1	06	81	416	114	25					
02	864	10	4	00	0					1	10	63	227	-63	3	320	0				1	09	25	284	153	16					
03	864	71	8	05	0					1	09	22	283	-55	9	312	0				1	20	21	050	228	19					
04	00900	01	7	15	0					1	09	27	278	-55	0	315	0				9	24	81	023	307	20					
05	864	10	7	08	0					1	09	87	252	-57	7	319	0				1	07	76	349	010	15					
06	25500	01	8	07	0					1	09	79	251	-60	3	316	0				1	07	31	369	270	25					
07	5732	71	4	00	0					1	08	27	311	-55	5	304	0				1	09	07	275	232	30					
08	26540	01	8	02	0					1	07	76	333	-51	6	303	6	20	49	046	-61	3	510	9	20	86	045	307	17		
09	00901	01	7	04	0					1	07	43	348	-51	8	299	0				9	09	21	264	208	13					
10	11470	03	2	20	0					1	06	48	400	-48	5	292	0				9	20	12	049	278	18					
11	25500	02	8	06	0					1	07	36	357	-50	3	300	0				8	15	93	097	236	14					
12	00900	02	2	10	0					2	07	88	334	-55	0	301	0				9	13	78	053	266	15					
13	00900	02	7	08	0					1	08	81	293	-60	5	302	0				9	13	18	149	212	18					
14	864	02	7	09	0					1	08	08	320	-53	5	304	0				1	19	31	058	232	18					
15	10940	02	2	12	0					2	07	67	338	-53	4	299	0				8	07	59	343	291	14					
16	00905	03	2	03	0					1	07	88	330	-55	9	298	0				5	07	80	334	264	26					
17	00900	02	7	09	0					1	07	09	323	-54	2	302	0				9	20	20	051	338	18					
18	00900	02	7	10	0					1	08	20	315	-54	1	305	0				9	07	52	350	003	14					
19	00900	02	6	03	0					1	08	01	326	-54	5	302	2	14	77	117	-48	0	416	1	21	31	043	287	15		
20	10940	02	7	11	0					2	07	26	361	-53	5	294	1	12	75	157	-46	5	385	9	16	22	093	240	15		
21	30940	03	2	15	0					2	08	97	378	-51	6	293	0				7	13	69	137	255	25					
22	20946	03	2	02	0					1	08	56	300	-57	4	305	0				9	13	10	151	244	17					
23	25570	01	15	0						1	07	94	327	-52	4	304	1	20	10	051	-54	7	511	8	09	30	251	248	18		
24	15540	01	5	01	0					1	07	87	333	-54	0	300	2	18	72	063	-54	4	482	1	03	38	646	327	19		
25	00900	02	1	01	0					2	07	69	343	-54	3	297	0				1	03	60	630	347	16					
26																															
27	10940	02	6	07	0					2	07	91	326	-57	5	297	0				1	06	24	423	280	20					
28	20940	02	2	15	0					1	09	09	275	-61	8	306	6	17	03	079	-59	7	440	5	09	53					

CLYDE, N.W.T.

DECEMBER 1961

STATION INSTRUMENTATION

USWB type radiance, Metex RDP tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and values for each parameter.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and values for each parameter.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and values for each parameter.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and values for each parameter.

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

CLYDE, N.W.T.

DECEMBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Z hPa	600 MBS				500 MBS				400 MBS				300 MBS					
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.		
01	4132	-19	7	A17 076	24	5464	-29	0	A19	167	31	7030	-39	0	A22	186	24	
02	4111	-21	2	A18 162	23	5439	-28	4	A19	167	31	7000	-40	0	A22	186	24	
03	4091	-17	5	A17 189	24	5430	-27	3	A19	189	20	6995	-40	6				
04	3994	-21	6	A18		5317	-29	7	A20			6874	-40	5			197 36	
05	3999	-23	6	A18		5305	-33	5	A21			6831	-45	6				
06	4046	-20	9	32 226	19	5370	-29	3	63			6922	-41	7				
07	4066	-23	1	A18 188	12	5374	-33	4	A21	163	16	6914	-40	1	158	18	159 19	
08	4036	-24	6	A1 238	09	5346	-31	8	A20	232	10	6886	-43	5	260	17		
09	4036	-28	9	A19 350	09	5320	-36	6	A21	303	13	6835	-46	0	295	25		
10	3996	-27	0	A19 286	12	5289	-35	1	A22	293	19	6817	-45	7			259 17	
11	3902	-31	5	60 255	09	5173	-38	8	71	268	12	6675	-47	8	270	13		
12	3777	-34	1	67 246	14	5033	-41	8		282	16	6516	-50	5	243	22		
13	3704	-38	3	A22 236	16	4942	-44	6		240	20	6411	-52	3	235	23		
14	3664	-39	4	36 209	20	4895	-45	9		213	27	6366	-50	3	210	16	207 19	
15	3659	-32	0	37 217	12	4930	-38	0	52	222	13	6432	-48	9				
16	3733	-27	1	82 172	24	5020	-37	1	77	177	29	6535	-45	8				
17	3720	-26	7	62 191	24	5008	-37	1	A22 183	28	6509	-49	5					
18	3933	-22	2	49 242	26	5220	-37	2	42	240	30	6725	-48	1				
19	4072	-27	9	A18 208	09	5382	-32	8	A20	233	12	6912	-45	2	209	14	204 25	
20	4007	-25	4	70 182	10	5319	-30	3	71	169	16	6869	-41	8	175	22		
21	4044	-29	0	A19 350	06	5320	-39	4	A21	310	03	6813	-49	0	209	20	200 27	
22	4045	-28	6	A19 235	09	5352	-35	8	A21	240	12	6868	-47	0	245	10	231 17	
23	4050	-25	9	A19 258	21	5353	-33	1	A21	251	31	6885	-44	3				
24	4063	-23	9	58 258	16	5373	-32	1	57	259	23	6913	-43	0				
25	4014	-24	9	41		5327	-31	1	50			6874	-42	3				
26	4096	-23	0	74 209	04	5405	-32	6	73	235	09	6941	-44	3	257	12	267 17	
27	4099	-22	3	65 247	07	5412	-32	1	54	246	07	6952	-42	8	269	08	273 12	
28	4104	-21	8	63 260	12	5420	-31	3	51	245	14	6980	-40	0	58	265	16	289 15
29	4006	-24	7	46 204	21	5316	-31	7	A20			6865	-39	8	A22			
30	4009	-25	1	79 219	07	5316	-32	3	71	192	07	6850	-44	9	181	07	176 06	
31	3734	-19	4	75 178	13	5072	-26	0	77	186	17	6651	-37	3	77	168	18	
MN	3967	-25	9	41		5266	-34	0	41	219	14	6795	-44	4	40			8667 -57 3

Z hPa	200 MBS				150 MBS				100 MBS				70 MBS			
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.
01	11452	-68	1		13186	-65	4		15657	-66	3		17801	-69	6	
02	11414	-69	3		13154	-66	3		15615	-66	8		17758	-69	4	
03	11414	-64	7		13164	-65	5		15638							
04	11311	-65	3		13064	-65	0		15539	-65	4					
05	11213	-60	9		13001	-61	2		15497	-65	0		17662	-68	4	
06	11280	-63	9		13054	-63	3		15544							
07	11299	-64	7		13076	-61	9		15574	-64	8		17725	-71	5	
08	11275	-62	9		13054	-62	3		15536	-66	6		17670	-71	5	
09	11213	-61	6		12991	-63	7		15496	-67	7					
10	11195	-64	8		12969	-61	9		15476	-63	6		17650	-66	6	
11	11083	-58	5	267 14	12865	-58	1	278 09	15414	-60	3	300 10	17620	-64	1	309 17
12	10950	-58	2		12795	-54	3		15374	-58	7		17584	-64	8	
13	10863	-54	1		12700	-56	1		15296	-60	4		17454	-65	1	
14	10803	-56	5		12618	-59	1		15139	-62	7		17313	-67	9	
15	10833	-57	8		12643	-59	7		15132	-64	2					
16	10925	-60	9		12707	-62	7		15186	-66	7		17323	-70	6	
17	10876	-59	9		12666	-62	8		15134	-68	0		17256	-72	1	
18	11083	-61	8		12850	-59	7		15306	-67	0		17434	-73	0	
19	11256	-67	5		12990	-66	7		15426	-71	0		17509	-76	6	
20	11223	-64	8		12984	-64	5		15429	-70	6					
21	11167	-61	7	196 27	12938	-65	1		15381	-69	6					
22	11221	-65	7	220 25	12971	-66	6	235 32	15406	-70	6		17507	-74	3	
23	11219	-66	2		12959	-68	2		15381	-71	0		17472	-75	0	
24	11231	-70	3		12937	-71	0		15333	-72	3					
25	11221	-66	8		12957	-67	5		15381	-71	8					
26	11274	-68	6	266 22	13009	-66	8	271 16	15454							
27	11313	-70	7	279 14	13039	-67	7	272 11	15470	-70	0	281 12	17543	-73	8	
28	11338	-73	2		13031	-70	7		15445	-71	0					
29	11220	-72	3		12932	-67	6		15330	-71	3					
30	11212	-64	0	236 15	12960	-66	9	239 20	15402	-66	9		17468	-72	1	
31	11105	-62	5		12873	-64	3		15338	-66	9					
MN	11176	-64	0		12940	-64	1		15409	-67	0		17542	-70	4	

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Z hPa	600 MBS				500 MBS				400 MBS				300 MBS							
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.				
01	4115	-21	8	A18 114	24	5499	-29	5	A20	198	07	6999	-39	3	A22	202	13	190 14		
02	4152	-18	3	A16 123	04	5495	-26	6	A19	198	07	7065	-39	3	A22	202	13			
03	4042	-20	2	A18		5368	-29	3	A20			6925	-40	4						
04	3996	-23	5	A21 268	08	5305	-32	5	A20 239	09	6842	-43	7	202	19	8724	-55	7	195 25	
05	4007	-21	8	70 222	19	5325	-31	3	72			6867	-43	1						
06	4086	-20	1	A17 206	08	5413	-29	2	34	223	10	6973	-40	0	31	236	15	241 12		
07	4054	-23	3	A18 206	11	5365	-32	6	43	210	13	6898	-43	4	220	14	8776	-56	5	220 14
08	4043	-26	0	68 281	15	5345	-32	9	62	278	18	6883	-43	6	272	21	8769	-55	8	
09	4022	-29	1	A20 297	08	5302	-36	9	A21 298	17	6822	-45	1							
10	3996	-29	0	A20 294	12	5236	-36	7	44	275	20	6755	-45	8						
11	3839	-32	7	63 262	08	5109	-39	0	67	257	14	6607	-48	1	253	15	8456	-58	1	247 17
12	3713	-37	7	A21 264	13	4958	-43	2		257	17	6435	-51	2						
13	3673	-40	3	225	15	4900	-46	8		232	21	6361	-51	6						
14	3623	-37	9	31 201	16	4875	-40	2		207	22	6374	-47	0	216	20	8246	-55	0	
15	3697	-27	8	64 192	20	4982	-37	2	65			6485	-49	1						
16	3748	-27	1	77 187	23	5036	-36	8	67	179	26	6540	-49	6						
17	3757	-36	9	A21 203	19	5014	-40	5				6506	-49	4						
18	4042	-25	3	35 226	14	5338	-35	6	50			6853	-47	0						
19	4053	-24	4	A18 160	11	5367	-32	0	38	177	17	6910	-41	0						

CLYDE, N.W.T.

DECEMBER 1961

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.

00 GMT.

SPECIAL AEROLOGICAL DATA

Day	50 MBS				30 MBS				20 MBS				10 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	19793	-72.6														
02	19755	-71.9														
03																
04																
05	19665	-73.2														
06																
07	19688	-76.3														
08	19633															
09																
10	19672	-69.6		318 18												
11	19665	-67.6														
12																
13																
14	19309															
15																
16	19302	-74.2														
17	19219	-76.0			22139											
18																
19	19430															
20																
21																
22	19444	-78.8														
23	19406															
24																
25																
26																
27																
28																
29																
30																
31	19419	-78.0														
MN	19528	-73.8			22139											

Day	SURFACE										FREEZING LEVELS				TROPopause (1)				TROPopause (2)				MAX. WIND LEVEL									
	SYNOPTIC DATA										Lowest		Highest																			
	h	g	h	g	h	g	h	g	h	g	Alt.	Pres.	Alt.	Pres.	Alt.	Pres.	Temp.	°	°	Alt.	Pres.	Temp.	°	°	Alt.	Pres.	Velocity					
01	00900	02	8	11	0						1	11	73	191	-70	6	325	0		1	04	65	538	077	31							
02	00900	02	4	00	0						1	11	66	192	-68	6	327	0		1	05	98	463	159	32							
03											1	12	23	178	-67	0	339	0		1	08	91	299	197	36							
04	25500	01	4	20	0						1	11	37	198	-65	6	330	0														
05	00900	01	8	05	0						2	09	17	277	-60	7	307	0														
06	855	03	2	07	0						1	10	26	236	-68	4	309	0														
07	20840	03	1	03	0						1	10	91	213	-68	2	318	0														
08	874	71	2	16	0						1	10	25	236	-64	0	316	1	15	01	109	-67	1	388	1	06	93	997	261	17		
09	25500	01	2	02	0						1	10	01	243	-63	2	314	0														
10	00900	02	7	07	0						1	10	63	220	-67	1	318	0														
11	25500	02	7	09	0						2	09	36	263	-61	6	310	0														
12	00900	01	7	07	0						1	08	34	302	-57	4	304	0														
13	00900	02	0	02	0						1	07	30	336	-55	5	297	0														
14	00900	02	7	06	0						2	06	74	379	-53	3	290	0														
15	00900	02	7	07	0						1	08	24	301	-60	4	308	0														
16	5542	71	2	06	0						1	09	76	242	-62	2	317	0														
17	15650	03	2	29	0						2	08	44	295	-59	6	303	0														
18	00900	02	2	45	0						1	09	60	254	-63	0	311	0														
19	00900	02	7	21	0						1	10	12	241	-66	0	311	0														
20	6642	03	5	00	0						1	10	02	244	-68	3	307	0														
22	00900	02	2	11	0						1	09	42	266	-62	5	307	0														
22	00900	02	2	11	0						1	11	37	193	-66	0	331	0														
25	15501	03	6	01	0						1	09	95	247	-68	9	305	0														
24	10931	01	7	18	0						1	10	68	220	-72	5	309	0														
25	00906	03	2	08	0						1	09	63	252	-68	0																
26	70930	03	1	04	0						1	11	03	208	-69	0	320	0														
27	00900	01	6	01	0						1	11	08	208	-71	5	316	0														
28	00900	01	7	04	0						1	11	34	200	-75	2	313	0														
29	15530	01	3	12	0						1	10	99	208	-73	4	313	0														
30	855	02	7	23	0						1	09	57	262	-64	0	307	2	12	08	174	-66	4	341	7	13	27	143	240	21		
31	855	02	7	23	0						1	10	37	225	-62	5	322	0														
MEAN																																
					</																											

EUREKA, N.W.T.

JULY 1961

STATION INSTRUMENTATION

USWS type radiocane, SCR655 RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Altitude, Temp., R.H., and Wind for each level. Includes a summary row for MN 1008 05 1 73 *.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Altitude, Temp., R.H., and Wind for each level. Includes a summary row for MN 1386 -01 6 77 189 05.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Altitude, Temp., R.H., and Wind for each level. Includes a summary row for MN 1008 04 4 69 *.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Altitude, Temp., R.H., and Wind for each level. Includes a summary row for MN 1382 -01 7 77 198 04.

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

EUREKA, N.W.T.

JULY 1961

STATION INSTRUMENTATION
USWSB type radionodes, SCR55B RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
72917 80°00'N 85°36'W 7 METERS

CONSTANT PRESSURE DATA 00 GMT.

Table with columns for Day, Altitude (600 MBS, 500 MBS, 400 MBS, 300 MBS), Temp., R.H., Wind. Rows 01-31.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for Day, Altitude (600 MBS, 500 MBS, 400 MBS, 300 MBS), Temp., R.H., Wind. Rows 01-31.

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

CONSTANT PRESSURE DATA 00 GMT.

Table with columns for Day, Altitude (200 MBS, 150 MBS, 100 MBS, 70 MBS), Temp., R.H., Wind. Rows 01-31.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for Day, Altitude (200 MBS, 150 MBS, 100 MBS, 70 MBS), Temp., R.H., Wind. Rows 01-31.

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

EUREKA, N.W.T.

AUGUST 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

Zp	SURFACE				1000 MBS				950 MBS				900 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	1009	006	8	65	040	04	0079	009	3	53	053	04	0500	007	7	52	134	01	0948	004	3	59	086	02
02	1005	009	8	43	290	04	0048	010	6	47	294	02	0480	010	0	45	004	06	0923	006	4	44	130	06	
03	1004	009	8	43	180	04	0040	010	6	45	180	04	0460	009	4	46	173	06	0913	005	3	42	162	05	
04	1004	006	7	57	290	06	0042	008	8	56	293	06	0460	011	5	52	360	02	0922	007	5	60	103	04	
05	1003	005	3	68	290	03	0051	009	10	62	293	05	0480	011	2	58	344	01	0930	008	2	64	058	01	
06	1008	008	2	73	290	06	0073	012	2	62	304	06	0500	012	0	56	012	05	0956	008	2	61	035	03	
07	1008	007	4	56	290	10	0075	007	8	56	292	10	0500	010	9	57	335	06	0949	008	3	56	024	03	
08	1007	003	4	65	280	13	0062	004	7	60	282	12	0470	004	7	57	308	07	0922	004	1	60	023	06	
09	1005	003	6	60	270	09	0044	004	2	61	270	09	0470	005	0	65	296	05	0903	002	8	69	321	06	
10	1003	001	9	81	270	08	0030	002	1	81	273	08	0440	002	0	80	321	06	0879	-01	0	84	339	05	
11	1006	004	0	37	290	05	0038	003	5	58	298	05	0470	000	3	73	394	03	0909	-01	0	81	390	01	
12	1008	003	4	65	280	04	0068	002	8	65	284	04	0470	-00	4	77	024	01	0911	-03	9	87	085	02	
13	1007	003	4	65	290	05	0064	003	4	69	000	00	0480	001	6	77	173	02	0913	-00	9	79	215	03	
14	1012	007	5	61	140	02	0102	007	6	60	143	02	0520	001	0	68	162	07	0959	000	7	78	174	10	
15	1009	006	3	90	300	02	0082	008	0	90	314	04	0500	005	0	58	015	02	0942	001	1	67	115	01	
16	1011	007	4	46	000	00	0100	008	0	45	149	01	0520	004	5	57	167	03	0958	000	5	68	176	04	
17	1012	007	5	65	000	00	0101	007	7	57	131	01	0510	004	3	62	170	01	0958	000	6	68	167	02	
18	1014	003	7	68	300	01	0122	008	2	47	331	01	0530	004	3	54	023	01	0979	-00	1	63	027	02	
19	1009	007	6	53	360	02	0079	006	9	54	360	02	0510	002	2	60	007	04	0933	-00	6	65	043	04	
20	1002	003	5	47	280	06	0021	003	6	47	270	06	0440	002	1	55	325	01	0871	-01	5	63	337	04	
21	0999	000	9	66	030	01	-003			0420	000	9	063	172	01	0842	-02	2	62	168	01	21	293	05	
22	1001	002	3	66	290	04	0011	002	3	66	290	04	0420	000	4	58	005	02	0855	-02	7	59	038	03	
23	1004	001	2	61	280	05	0041	001	0	62	286	05	0450	-00	5	77	013	02	0802	-03	5	88	142	01	
24	1007	-00	3	79	290	06	0060	-00	5	81	291	06	0460	-01	8	89	324	02	0899	-03	8	91	245	01	
25	1004	-00	5	62	270	06	0037	-00	7	63	269	07	0430	-03	2	69	300	03	0870	-04	7	88	259	01	
26	1005	-00	6	73	270	07	0048	-00	0	75	278	07	0460	-02	6	88	394	04	0885	-04	7	93	001	01	
27	1008	002	2	63	280	04	0069	-00	3	65	288	04	0480	-03	4	77	314	02	0902	-06	0	88	399	02	
28	1012	000	6	54	280	06	0100	-00	5	58	290	05	0900	-04	5	74	337	03	0931	-07	5	84	022	04	
29	1013	-02	5	63	280	06	0105	-03	0	66	284	06	0510	-04	8	74	339	05	0934	-06	7	84	036	06	
30	1011	-02	1	66	320	04	0104	-03	1	68	321	04	0500	-06	8	81	329	04	0926	-10	0	87	029	04	
31	1006	-02	9	56	280	05	0057	-03	3	58	283	05	0460	-05	5	75	322	04	0889	-07	6	78	045	02	
MN	1007	03	6	61			64	04	4	60			477	02	6	66						916	-00	3	72

CONSTANT PRESSURE DATA

12 GMT.

Zp	SURFACE				1000 MBS				950 MBS				900 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	1009	006	3	54	290	04	0071	007	4	55	292	04	0510	007	1	54	012	06	0937	005	4	53	020
02	1004	010	8	58	000	00	0042	010	4	58	000	00	0470	007	6	61	127	04	0910	004	8	63	144	03
03	1005	004	5	67	280	06	0044	006	2	65	286	06	0460	008	5	56	018	03	0914	004	7	63	095	03
04	1004	006	7	62	300	05	0038	007	4	62	306	05	0470	010	2	54	060	01	0912	007	3	58	112	03
05	1008	006	7	62	300	02	0075	009	3	65	300	02	0500	010	5	64	064	02	0952	008	0	64	075	04
06	1010	008	5	60	300	02	0086	008	5	63	300	02	0500	010	4	65	010	03	0960	007	0	60	022	05
07	1008	002	2	68	290	13	0073	003	2	68	292	12	0490	005	2	68	302	08	0937	006	0	53	043	03
08	1007	002	2	71	280	10	0060	002	0	72	287	10	0470	002	2	77	327	06	0912	002	5	77	025	07
09	1006	001	9	76	280	07	0050	001	8	77	281	07	0470	000	8	84	297	05	0901	001	1	84	010	02
10	1002	002	4	74	270	05	0025	002	3	74	270	04	0450	000	1	80	320	04	0872	-00	3	84	003	03
11	1009	001	1	74	280	06	0079	000	7	75	282	06	0480	-01	2	80	291	02	0919	-03	3	85	278	02
12	1006	001	3	79	280	04	0053	001	0	80	279	04	0460	-01	0	83	278	02	0894	-03	2	87	297	02
13	1011	004	1	78	130	04	0095	003	1	78	132	04	0520	001	3	79	164	06	0944	-01	2	80	132	06
14	1010	007	9	69	000	01	0092	007	0	70	100	01	0520	004	2	73	151	03	0948	000	7	77	164	02
15	1011	003	4	62	100	06	0084	004	2	64	114	01	0520	008	8	69	131	06	0948	000	7	77	164	02
16	1012	006	0	62	000	04	0107	005	6	59	113	04	0520	002	8	64	170	03	0946	-00	4	70	177	04
17	1013	003	0	93	000	00	0114	003	0	96	000	00	0520	002	8	65	021	02	0963	-01	3	59	000	00
18	1013	001	9	76	290	01	0113	002	8	72	307	01	0540	001	8	61	014	02	0962	-01	8	64	067	04
19	1005	003	1	65	290	02	0045	003	5	64	303	02	0470	002	6	57	033	03	0897	-00	4	67	040	05
20	1000	001	9	57	290	02	0009	001	9	57	290	02	0420	000	9	58	110	03	0854	-02	2	58	038	02
21	1000	001	3	74	290	01	0004																	

EUREKA, N.W.T.

AUGUST 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 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 (Prc. 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	4134	-15	1	69	195	06	5485	-24	4	42	179	04	7075	-36	0	A21	185	02	9009	-49	8	137	09
02	4133	-14	2	25	037	05	5493	-22	3	A18	345	04	7092	-34	3	A21	160	07	9042	-49	0	213	12
03	4110	-13	6	57	140	04	5473	-21	8	46	150	07	7073	-34	7	48	129	10	9015	-50	0	118	11
04	4143	-11	7	64	170	08	5514	-22	2	59	136	10	7120	-33	5	A21	154	10	9080	-47	8	184	16
05	4153	-10	1	84	139	11	5524	-21	0	46	139	13	7154	-32	3	A20	127	12	9097	-47	9	124	19
06	4190	-10	8	A16	095	05	5568	-19	6	A17	127	05	7181	-32	5	A20	104	12	9145	-47	2	082	03
07	4183	-10	8	35	014	07	5555	-21	0	A18	019	07	7166	-33	0	38	007	08	9127	-48	0	192	19
08	4135	-10	8	31	352	05	5511	-20	5	27	340	08	7125	-31	7	A20	332	08	9093	-47	5	326	04
09	4101	-13	1	33	005	06	5465	-21	9	A18	338	07	7073	-33	9	A21	319	15	9022	-49	7	319	14
10	4056	-13	0	24	021	08	5416	-24	0	31	022	09	7003	-37	5	A22	013	15	8942	-46	0	015	14
11	4073	-15	1	72	037	07	5423	-25	1	64	026	05	7020	-32	9	A20	173	09	8990	-46	0	173	15
12	4064	-15	3	69	355	03	5416	-25	4	77	022	04	6992	-38	4	71	043	05	8912	-50	9	040	06
13	4048	-17	7	79	267	04	5386	-27	0	80	206	03	6955	-39	1	73	256	04	8875	-49	9	200	01
14	4088	-19	0	50	183	04	5420	-28	0	66	298	01	6984	-39	3	59	312	02	8894	-53	6	935	07
15	4067	-20	7	60	358	01	5395	-28	8	68	292	01	6957	-39	6	70	237	03	8868	-52	4	238	07
16	4067	-20	5	67	165	04	5395	-29	0	43	183	08	6957	-39	0	A22	184	08	8869	-52	8	177	11
17	4059	-23	7	78	067	04	5379	-29	5	76	-	07	6938	-40	5	084	08	8841	-53	6	070	06	
18	4069	-23	8	57	049	02	5391	-28	9	29	069	03	6950	-39	6	A22	004	09	8861	-52	7	109	04
19	4028	-21	3	27	074	03	5355	-28	8	A20	133	03	6918	-38	6	62	198	07	8842	-51	1	210	15
20	3959	-21	2	37	051	04	5282	-29	8	55	026	03	6855	-40	8	356	02	8750	-48	7	181	04	
21	3912	-23	5	58	184	03	5223	-32	2	73	198	05	6769	-40	0	A22	265	17	8690	-49	3	261	19
22	3941	-21	2	76	135	07	5267	-28	7	73	158	09	6827	-40	0	73	155	13	8733	-52	7	152	18
23	3973	-22	7	87	185	06	5289	-30	2	82	143	06	6850	-39	5	74	142	12	8755	-54	7	197	14
24	3981	-25	1	86	152	04	5289	-32	4	76	190	03	6828	-42	8	195	06	8726	-54	4	134	07	
25	3954	-21	3	31	145	03	5282	-29	4	72	174	07	6835	-41	0	188	09	8740	-49	5	160	10	
26	3967	-22	9	84	057	04	5288	-30	1	78	066	05	6831	-43	0	08	09	8732	-46	8	098	02	
27	3964	-23	6	88	055	07	5262	-29	4	86	091	10	6835	-41	6	094	11	8729	-45	0	088	05	
28	4003	-21	1	46	093	07	5368	-29	8	42	063	07	6828	-41	2	A20	134	05	8750	-53	8	078	05
29	4003	-23	1	71	051	08	5318	-29	2	77	037	12	6853	-42	8	027	17	8755	-48	7	048	12	
30	4001	-20	9	A18	105	11	5323	-30	3	45	089	20	6874	-42	3	091	21	8767	-52	9	085	26	
31	4000	-19	2	83	060	10	5331	-28	9	78	053	12	6888	-40	8	055	15	8785	-52	9	057	11	
MN	4051	-18	4	57			5390	-26	8	54	91	03	6963	-38	1	39	93	03	8887	-50	2	134	04

00 GMT. CONSTANT PRESSURE DATA

Day	200 MBS				150 MBS				100 MBS				70 MBS										
	Altitude (Prc. 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	11678	-43	2	111	03	13621	-41	9	082	04	16374	-41	2	100	07	18798	-41	0	059	05			
02	11697	-45	3	125	02	13628	-42	7	129	02	16370	-41	9	088	04	18789	-41	5	081	04			
03	11690	-43	3	155	06	13628	-43	1	120	04	16377	-41	9	140	03	18802	-41	9	140	03			
04	11711	-46	0	160	06	13637	-43	2	156	04	16375	-42	2	148	04	18794	-41	3	095	03			
05	11715	-46	0	113	05	13641	-44	9	127	05	16369	-42	5	065	02	18781	-42	3	003	03			
06	11756	-49	0	129	09	13669	-44	9	085	03	16384	-44	1	068	04	18790	-42	2	079	03			
07	11747	-47	0	042	09	13660	-44	6	085	03	16384	-44	1	073	05	18795	-42	5	082	03			
08	11722	-44	5	096	03	13650	-44	1	080	04	16385	-42	2	079	06	18791	-42	7	095	05			
09	11681	-43	7	067	06	13609	-44	7	025	05	16329	-43	7	304	05	18766	-42	8	082	04			
10	11671	-41	2	000	00	13619	-42	8	078	04	16387	-42	8	082	04	18712	-42	6	090	04			
11	11655	-44	6	097	03	13584	-43	8	098	02	16358	-44	3	094	04	18740	-42	2	084	03			
12	11623	-41	8	086	02	13578	-41	2	087	03	16324	-42	2	097	02	18700	-42	2	057	04			
13	11589	-40	7	056	02	13543	-41	9	165	02	16288	-42	2	105	03	18668	-41	7	085	01			
14	11578	-42	3	264	03	13523	-42	9	114	03	16246	-42	7	166	01	18660	-42	2	102	01			
15	11552	-41	7	157	02	13505	-41	6	176	01	16222	-42	2	080	00	18639	-41	7	000	00			
16	11534	-42	1	176	01	13480	-42	2	000	00	16246	-40	9	287	02	18671	-41	9					
17	11532	-40	9	000	00	13483	-43	1	327	02	16215	-43	1	305	02	18606	-41	9	327	02			
18	11540	-42	2	286	05	13459	-43	3	315	05	16194	-42	6	320	07	18596	-42	8	319	04			
19	11520	-42	6	286	05	13432	-42	4	301	05	16195	-41	3	316	04	18591	-42	5	275	02			
20	11479	-41	4	295	07	13432	-42	4	282	04	16140	-41	6	318	02	18547	-42	7	310	04			
21	11422	-40	3	237	04	13362	-41	4	182	01	16125	-42	6	217	00	18532	-42	9	296	03			
22	11435	-41	1	180	05	13389	-41	3	220	04	16151	-42	6	000	03	18556	-43	3	293	01			
23	11438	-42	6	142	04	13384	-42	2	174	03	16180	-41	8	190	04	18593	-42	2	161	04			
24	11459	-41	2	208	05	13410	-42	0	263	04	16193	-43	0	246	00	18593	-44	0	282	03			
25	11478	-40	4	207	07	13435	-40	7	251	01	16195	-43	3	295	02	18542	-43	1	251	03			
26	11489	-40	1	276	02	13445	-41	6	054	02	16131	-43	3	151	03	18515	-43	9	331	02			
27	11448	-42	7	324	03	13393	-43	7	056	06	16122	-43	7	151	03	18515	-44	6	030	05			
28	11471	-43	5	008	04	13402	-43	6	161	12	16122	-43	7	151	07	18507	-44	4					
29	11464	-43	9	054	06	13394	-44	7	095	05	16107	-44	5	115	07	18494	-43	0	173	05			
30	11454	-43	7	100	08	13382	-44	1															
31	11467	-44	8	100	08	13393	-44	8															
MN	11571	-43	0	117	01	13511	-42	9	94	01	16249	-42	6	88	01	18658	-42	6					

CONSTANT PRESSURE DATA 12 GMT.

Day	600 MBS				500 MBS				400 MBS				300 MBS								
	Altitude (Prc. 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	4141	-15	8	49	113	03	5497	-23	4	A18	038	02	7093	-35	2	A21	229	04	9034	-50	1

EUREKA, N.W.T.

AUGUST 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR65B 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				30 MBS				20 MBS				10 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	21087	-40.9		067 03	24550	-41.1	063 03	27332	-37.2		083 06					
02	21070	-42.2		107 04	24540	-40.6	119 01	01								
03	21085	-41.9		095 05	24545	-41.2	072 01	27313	-37.9		094 03	32183	-29.1		090 05	
04	21080	-41.6		040 01	24540	-41.6	128 03	27303	-38.2		119 02					
05	21060	-41.8		090 05	24529	-40.6	129 02					32169	-26.8			
06	21080	-41.3			24558	-40.7		27326	-39.0							
07	21068	-41.8		071 04	24540											
08	21073	-41.5		073 04	24542	-42.1	073 04	27294	-39.6		088 03					
09	21000	-43.8		100 04	24448	-42.1	098 05	27198	-40.3		107 09					
10	21038	-42.8		075 06	24484	-42.2	086 03	27244	-39.4		125 02	32048	-32.7		290 03	
11	20980	-43.7		110 03	24424	-43.2	097 02	27170	-40.3		019 01					
12	21011	-43.1		098 03	24464	-41.9	066 03	27220	-39.8		096 02					
13	20978	-42.0		221 01												
14	20944	-43.4														
15	20933	-42.9		112 02	24381	-43.4	116 01	27119	-41.9		245 02					
16	20910	-42.5		260 02	24354	-43.6	215 03	27096	-40.7		263 02					
17	20958	-41.3			24415	-42.5		27160	-40.6			31958	-34.5			
18	20887	-42.9		254 02	24322	-44.1	300 04	27057	-41.5		268 04					
19	20881	-42.6		326 03	24319	-44.2	018 02	27052	-42.2		287 02					
20	20867	-44.1		322 02	24300	-44.0	272 04	27040	-41.0		000 00					
21	20818	-43.7		318 03	24243	-44.3	000 00	26970	-43.3		359 01					
22	20815	-44.3		325 03	24240	-45.6	000 00	26959	-43.1		220 01					
23	20799	-43.8		223 01	24216	-45.5	142 01	26928	-44.0		344 03	31626	-38.7		209 02	
24	20818	-44.0		000 00	24236	-45.5	179 02	27020	-43.5		159 02					
25	20866	-43.5		319 02	24295	-43.9	092 02	27064	-43.3		220 03	31693	-36.6		207 03	
26	20837	-44.8		248 04	24248	-44.7	000 00	26944	-43.5		214 02	31636	-37.4		263 03	
27	20821	-44.0		307 03	24212	-46.0	230 03	26924	-43.5		214 02					
28	20783	-45.0		253 01	24190	-46.5	252 04	26898	-44.7		264 02					
29	20765	-45.3		100 02	24172	-45.2	213 02	26882	-44.8		270 01					
30	20759	-45.1			24159	-46.3		26861	-44.8			31541	-38.9			
31	20738	-46.1		149 03	24128	-46.5	178 01	26826	-44.8		161 03	31512	-39.5		220 02	
MEAN	20929	-43.2		64 01	24365	-43.6	119 01	27086	-41.5			31818	-34.9			

CONSTANT PRESSURE DATA

12 GMT.

Day	50 MBS				30 MBS				20 MBS				10 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	21113	-41.5		095 05	24576	-41.4	088 04	27349	-37.3		087 08					
02	21051	-42.0		067 04	24511	-41.5	085 02	27276	-38.0		114 07					
03	21021	-42.1		087 05	24488	-41.7	088 05	27248	-37.8		106 05					
04	21021	-42.1		083 04	24493	-40.8	096 05	27269	-38.0		134 03					
05	21093	-42.0		065 05	24555	-41.6	102 03	27313	-39.7		094 02	32142	-31.0			
06	21042	-43.1		098 04	24491	-41.9	089 04	27249	-40.2		064 02					
07	21107	-41.8		054 05	24582	-41.1	064 03	27339	-39.9		062 06					
08	21042	-42.3		079 07	24496	-42.0	066 05	27248	-40.5		102 05	32040	-34.8			
09	21042	-44.0		088 07	24489	-42.8	078 06	27251	-38.5							
10	21003	-43.1		100 04	24452	-41.9	082 05	27208	-40.4		075 01					
11	20980	-43.3		073 05	24424	-42.2	078 04	27177	-40.6		073 02	31979	-30.5			
12	20957	-42.5		070 04	24405	-42.8	112 04	27151	-38.8		098 05					
13	21011	-42.4		098 02	24468	-41.5	105 02	27230	-43.0		210 02					
14	20924	-42.9		080 03	24379	-43.0	084 01	27328	-40.0							
15	20922	-42.0		084 01	24368	-43.7	104 03	27110	-40.4		060 02					
16	20878	-42.8		124 02	24318	-44.0	000 00	27050	-42.3		153 03					
17	20892	-43.0		085 02	24338	-42.2	027 03	27090	-40.9		312 03					
18																
19	20931	-42.4		355 05	24371	-43.4	000 00	27108	-41.8		000 00					
20	20843	-44.0			24272	-43.6		27004	-42.0			31773	-33.5			
21	20822	-44.1		322 02	24240	-44.7	011 02	26964	-42.3		360 02	31715	-35.6			
22	20795	-43.9		085 01	24219	-44.4	000 00	26938	-44.0		092 03	31657	-37.2			
23	20820	-44.3		000 00	24243	-45.3	146 03	26956	-43.3		098 02					
24	20793	-44.6			24207	-45.3		26916	-43.6			31648	-36.2			
25	20767	-46.4		290 01	24154	-46.0	113 01	26866	-43.8		059 02					
26	20811	-45.4		097 02	24147	-46.0	326 01	26853	-44.8		158 02	31561	-37.6			
27	20793	-45.4														
28																
29	20777	-45.7		196 02	24178	-45.8	135 04	26883	-44.8		275 04	31573	-39.2			
30	20792	-45.4														
31	20783	-45.4		157 04	24180	-46.8	143 03	26883	-44.0		149 06	31601	-36.3			
MEAN	20924	-43.3		79 03	24372	-43.2	91 03	27113	-41.0			31769	-35.2			

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

00 GMT.

SPECIAL AEROLOGICAL DATA

Day	SURFACE SYNOPSIS DATA										FREEZING LEVELS					TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL								
	%h	t	c	w	wv	opp	c	Lowest		Highest		Alt. gpm.	Pres. mb.	Temp. °C	°	Alt. gpm.	Pres. mb.	Temp. °C	°	Alt. gpm.	Pres. mb.	Temp. °C	°	Alt. gpm.	Pres. mb.	Velocity						
								gpm.	mb.	gpm.	mb.															gpm.	mb.	deg.	mps.			
01	00901	02	7	05	1	1	80	810	1	80	810	1	09	62	271	-53	5	319	0							9	09	32	285	165	11	
02	00901	02	7	06	1	2	19	770	2	19	770	1	09	74	268	-54	5	318	0								9	09	19	292	206	12
03	15702	02	3	01	1	1	58	828	1	58	828	2	09	50	277	-53	8	317	0								9	10	06	235	110	22
04	00901	02	8	01	1	2	34	757	2	34	757	2	10	28	248	-57	5	321	0								9	09	41	286	184	22
05	70870	02	2	05	1	2	19	770	2	19	770	1	10	73	232	-57	8	327	0								9	10	47	263	120	19
06	00904	02	7	02	1	2	47	745	2	47	745	1	10	53	242	-58	0	323	0								4	06	40	445	083	16
07	00900	02	4	00	1	2	35	757	2	35	757	1	10	31	250	-56	2	323	0								9	11	45	209	027	14
08	00900	02	4	00	1	2	13	776	2	13	776	1	10	27	250	-56	8	322	0								9	00	01	007	280	13
09	00900	02	3	01	1	2	45	840	1	83	802	1	09	80	265	-53	7	321	0								9	08	59	324	317	16
10	855	02	7	17	1	0	78	911	0	78	911	2	08	29	331	-45	9	312	0								9	07	97	346	013	19
11	857	02	2	06	1	0	68	925	0	68	925	1	10	04	253	-53	3	325	0								9	08	85	306	175	15
12	857	02	7	04	1	0	44	956	0	44	956	1	08	78	305	-51	2	312	0								9	0				

EUREKA, N.W.T.

SEPTEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDP tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION

72917 60°00'N 85°56'W 7 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Altitude, Temp., R.H., and Wind for each level. Includes a summary row at the bottom: MN 1010 -12.8 68 79 -11.6 70 474 -10.7 77 889 -10.9 76

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Altitude, Temp., R.H., and Wind for each level. Includes a summary row at the bottom: MN 1328 -12.0 75 7 03 1791 -13.6 72 2264 -15.3 70 2800 -17.2 65 11 04

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Altitude, Temp., R.H., and Wind for each level. Includes a summary row at the bottom: MN 1010 -14.3 65 82 -12.8 71 477 -10.8 78 891 -10.6 76

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Altitude, Temp., R.H., and Wind for each level. Includes a summary row at the bottom: MN 1329 -12.2 75 13 03 1792 -14.1 75 2283 -15.1 69 2801 -17.1 62 19 04

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

EUREKA, N.W.T.

SEPTEMBER 1961

STATION INSTRUMENTATION

USWB type radiocane, SCR658 RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind, and four pressure levels (600 MBS, 500 MBS, 400 MBS, 300 MBS). Rows 01-30 show data for various altitudes and pressures.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind, and four pressure levels (200 MBS, 150 MBS, 100 MBS, 70 MBS). Rows 01-30 show data for various altitudes and pressures.

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind, and four pressure levels (600 MBS, 500 MBS, 400 MBS, 300 MBS). Rows 01-30 show data for various altitudes and pressures.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind, and four pressure levels (200 MBS, 150 MBS, 100 MBS, 70 MBS). Rows 01-30 show data for various altitudes and pressures.

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

EUREKA, N.W.T.

SEPTEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Altitude, Temp., R.H., and Wind for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for various altitudes and times.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX WIND LEVEL. Includes data for various atmospheric parameters.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Altitude, Temp., R.H., and Wind for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for various altitudes and times.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX WIND LEVEL. Includes data for various atmospheric parameters.

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

EUREKA, N.W.T.

OCTOBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

Z	SURFACE				1000 MBS				950 MBS				900 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	1026	-16.8	59	0000	00	0201	-17.7	68	0000	00	0590	-17.3	77	0000	00	0991	-17.3	79	243	02
02	1025	-21.9	74	020	03	0188	-17.4	73	000	00	0580	-16.9	76	072	01	0979	-17.5	77	025	02
03	1025	-28.6	69	0000	00	0137	-18.0	70	295	02	0530	-15.9	66	390	06	0950	-16.1	61	054	04
04	1010	-27.9	71	0000	00	0077	-25.2	69	0000	00	0460	-15.2	64	0000	00	0869	-13.9	54	957	04
05	1006	-28.2	64	0000	00	0051	-27.3	64	0000	00	0430	-17.7	68	070	01	0835	-12.3	57	135	03
06	1004	-23.4	72	0000	00	0034	-21.9	71	0000	00	0430	-11.1	79	126	05	0837	-11.0	84	136	10
07	0998	-15.1	65	3000	03	-008					0400	-04.0	74	010	03	0815	-05.0	64	082	06
08	1011	-13.1	88	1200	02	0093	-12.9	88	118	02	0480	-12.7	89	144	01	0896	-14.0	91	062	02
09	1013	-22.5	65	0000	00	0104	-17.0	74	0000	00	0400	-15.2	83	000	00	0898	-16.3	88	130	02
10	1009	-18.3	70	0900	03	0047	-18.5	72	072	03	0430	-16.0	85	305	02	0837	-16.1	87	323	04
11	1005	-15.4	69	0000	00	0072	-16.0	72	121	01	0450	-19.0	83	142	04	0858	-20.9	89	096	06
12	1010	-26.1	82	0000	00	0080	-22.0	78	103	01	0450	-18.4	73	112	03	0884	-19.8	72	126	08
13	1018	-26.8	67	1100	02	0098	-23.4	74	110	02	0470	-22.7	82	124	05	0971	-24.4	87	156	06
14	1008	-24.5	66	0000	00	0068	-24.0	67	0000	00	0430	-24.1	78	197	02	0832	-24.7	83	242	05
15	1008	-25.1	61	0000	00	0065	-24.5	64	025	03	0440	-25.5	73	295	01	0831	-23.9	79	242	04
16	1016	-32.2	32	0000	00	0117	-28.0	38	146	02	0490	-25.1	62	150	06	0884	-23.9	71	152	05
17	1015	-38.0		0000	00	0110	-29.0		326	01	0490	-20.9	67	020	02	0887	-17.8	56	080	02
18	1015	-32.2	32	1400	04	0115	-30.2	40	080	03	0490	-25.1	66	317	03	0879	-22.0	68	312	07
19	1013	-28.3	59	1000	02	0100	-28.7	63	115	02	0470	-23.8	78	174	04	0865	-22.1	84	190	03
20	1014	-25.8	58	1600	09	0107	-26.9	62	158	08	0470	-26.5	70	172	04	0879	-17.7	80	288	05
21	1016	-21.7	67	2900	05	0121	-21.6	69	323	06	0500	-21.0	78	337	09	0901	-18.7	86	329	11
22	1012	-28.9	27	0000	00	0094	-24.2	22	420	00	0470	-19.2	68	295	01	0878	-15.3	72	020	11
23	1012	-32.1	73	0900	02	0090	-28.2	71	080	02	0480	-16.9	71	345	04	0876	-13.3	69	018	06
24	1008	-20.8	66	0000	00	0067	-20.7	67	0000	00	0450	-19.9	73	345	01	0855	-16.4	77	038	06
25	1010	-28.9	65	0900	01	0081	-21.6	68	100	01	0470	-17.0	64	148	02	0870	-17.2	46	148	04
26	1004	-30.7	60	1200	04	0036	-28.8	62	100	04	0420	-17.0	74	335	02	0822	-16.4	73	008	02
27	1014	-27.7	43	2700	02	0104	-22.8	66	270	02	0490	-21.4	81	275	02	0885	-17.7	76	287	02
28	1023	-33.1	36	0000	00	0168	-25.0	59	0000	00	0540	-23.3	74	144	09	0943	-18.2	80	159	09
29	1020	-09.4	82	1100	06	0159	-09.8	82	133	09	0550	-11.0	84			0967	-13.8	84		
30	1016	-08.2	81	1400	14	0129	-07.8	85	145	14	0520	-09.9	83	162	16	0943	-11.4	81	178	17
31	1021	-16.3	58	2500	01	0166	-10.5	68	300	01	0560	-10.3	73	080	01	0976	-11.2	67	175	02
MN	1013	-24.1	63			99	-21.7	67			481	-18.1	75			886	-16.9	73		

CONSTANT PRESSURE DATA

00 GMT.

Z	850 MBS				800 MBS				750 MBS				700 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	1417	-20.2	82	282	04	1864	-23.5	86	315	03	2350	-19.6	70	080	03	2848	-20.2	43	115	03	
02	1404	-20.7	78	061	02	1850	-24.5	78	040	02	2320	-20.6	72	140	02	2831	-22.2	2	70	157	03
03	1362	-13.8	45	355	04	1823	-15.0	58	060	06	2310	-17.0	60	085	03	2824	-19.2	65	107	03	
04	1304	-09.0	40	005	03	1771	-11.6	41	038	03	2260	-13.4	42	079	05	2787	-15.6	50	078	04	
05	1273	-11.9	50	156	05	1736	-12.9	67	159	04	2230	-16.1	48	112	04	2743	-17.5	82	064	05	
06	1274	-13.2	64	140	10	1735	-15.6	84	154	09	2220	-18.8	84	133	11	2730	-22.4	83	163	12	
07	1262	-07.2	86	088	07	1731	-11.7	71	095	07	2230	-16.0	81	102	11	2738	-19.7	87	105	12	
08	1330	-15.0	92	095	06	1788	-17.4	91	095	10	2270	-19.9	90	082	10	2778	-22.7	88	093	11	
09	1326	-18.5	89	092	07	1779	-18.3	85	073	09	2270	-19.2	78	080	08	2772	-20.6	73	100	06	
10	1267	-17.1	90	013	04	1723	-16.3	83	018	03	2220	-17.5	47	055	03	2723	-18.9	35	062	04	
11	1280	-21.0	87	056	06	1730	-19.9	84	086	06	2220	-20.5	74	215	03	2718	-23.0	53	102	05	
12	1287	-21.4	72	126	08	1734	-23.0	71	130	06	2220	-23.9	69	136	06	2701	-29.4	67	138	08	
13	1287	-24.4	76	142	02	1731	-22.2	72	156	02	2220	-22.8	66	143	03	2709	-28.1	65	142	04	
14	1249	-22.2	80	252	07	1695	-22.8	74	217	05	2180	-23.9	63	173	02	2669	-25.3	58	135	03	
15	1246	-27.0	83	249	05	1684	-24.3	84	160	02	2160	-25.3	73	022	03	2653	-26.5	67	068	03	
16	1302	-22.8	77	140	02	1747	-23.2	78	192	01	2230	-23.4	76	071	01	2716	-26.3	74	078	03	
17	1313	-19.8	54	103	03	1765	-19.7	A17	138	06	2250	-23.2	A18	135	06	2742	-26.8	A19	139	06	
18	1301	-21.4	49	312	07	1749	-22.7	34	313	07	2220	-25.1	A19	133	08	2718	-28.4	A19	308	11	
19	1284	-23.9	86	279	02	1726	-26.1	88	304	08	2200	-28.5	89	296	09	2684	-30.1	88	294	10	
20	1306	-18.4	83	309	09	1759	-19.8	84	307	12	2240	-20.5	84	306	10	2746	-21.7	82	282	07	
21	1328	-18.5	90	344	13	1783	-17.0	89	022	14	2280	-19.1	87	003	14	2776	-21.4	76	004	15	
22	1308	-16.9	74	020	06	1763	-17.6	78	034	07	2240	-17.5	29	035	06	2763	-18.6	A17	050	03	
23	1310	-16.2	66	042	09	1772	-10.9	36	048	06	2270	-13.0	31	074	04	2790	-13.8	47	093	05	
24	1282	-16.4	81	062	06	1744	-12.7	86	080	03	2240	-10.9	88	047	07	2768	-12.5	87	054	09	
25	1287	-19.1	81	147	05	1748	-21.7	87	120	04	2240	-20.6	A18	135	04	2736	-22.4	A18	130	03	
26	1252	-15.8	72	122	01	1711	-15.7	74	172	02	2200	-17.7	71	160	02	2711	-19.3	73	190	05	
27	1313	-18.2	68	280	01	1766	-18.8	73	270	02	2240	-20.0	75	276	02	2755	-22.7	59	290	03	
28	1376	-15.0	74	190	06	1835	-15.0	84	222	04	2320	-18.0	59	223	05	2834	-20.0	51	235	06	
29	1399	-16.6	83			1856	-14.6	85			2340	-16.7	83			2860	-16.2	80			
30	1382	-11.0	72	201	15	1847	-13.0	60	205	18	2340	-13.7	41	201	21	2859	-17.4	31	208	22	
31	1414	-11.1	55	180	06	1879	-12.4	51	194	07	2370	-13.9	68	198	06	2892	-16.4	73	184	05	
MN	1314	-17.6	72	108	01	1769	-18.0	69			2255	-19.4	64			2760	-21.5	60	121	02	

CONSTANT PRESSURE DATA

12 GMT.

Z	SURFACE				1000 MBS				950 MBS				900 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	1024															

EUREKA, N.W.T.

OCTOBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION

72917 80°00'N 85°56'W 7 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude, Temp., R.H., Wind, and MBS (600, 500, 400, 300) for 00 GMT.

Table with columns for Altitude, Temp., R.H., Wind, and MBS (200, 150, 100, 70) for 00 GMT.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude, Temp., R.H., Wind, and MBS (600, 500, 400, 300) for 12 GMT.

Table with columns for Altitude, Temp., R.H., Wind, and MBS (200, 150, 100, 70) for 12 GMT.

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

EUREKA, N.W.T.

NOVEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Z h	SURFACE				1000 MBS				950 MBS				900 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	1018	-17.4	65	000	00	0141	-12.7	69	000	00	0530	-12.7	71	174	03	0944	-12.7	73	177	05
02	1022	-19.4	71	000	00	0170	-14.7	76	000	00	0570	-13.7	79	360	01	0970	-14.2	82	102	03
03	1020	-20.3	79	110	02	0155	-18.0	72	130	02	0540	-17.1	77	189	03	0946	-16.1	82	220	03
04	1020	-18.3	76	270	02	0151	-18.0	76	290	02	0530	-19.3	75	354	02	0937	-17.0	78	210	03
05	1012	-22.3	81	000	00	0096	-21.2	75	000	00	0480	-19.9	73	058	02	0876	-20.9	76	338	06
06	1007	-27.8	65	090	04	0055	-27.7	66	100	04	0430	-27.2	68	308	02	0814	-26.6	72	327	05
07	1010	-36.0	47	090	04	0079	-	142	01	0440	-30.7	59	143	01	0827	-28.9	64	147	01	
08	1013	-43.3	000	00	0096	-38.6	000	000	000	0460	-32.6	43	000	00	0838	-29.7	58	000	00	
09	1013	-41.7	090	01	0097	-36.5	062	01	0470	-27.2	50	005	02	0889	-25.7	55	064	04		
10	1010	-41.7	090	02	0097	-38.6	062	01	0450	-26.2	43	137	02	0831	-22.9	39	150	04		
11	1010	-28.9	45	090	02	0077	-28.3	47	104	03	0450	-29.3	59	158	10	0836	-24.8	68	168	13
12	1012	-30.3	60	100	08	0092	-30.0	61	102	08	0460	-29.0	63	155	07	0844	-30.4	63	170	04
13	1014	-26.6	57	000	00	0105	-26.9	61	169	01	0490	-20.5	72	170	09	0876	-20.9	76	183	11
14	1001	-20.3	69	020	04	0012	-20.2	70	-	0400	-17.8	74	-	0797	-	-	-	-	-	-
15	1002	-17.8	59	190	06	0019	-17.9	60	150	06	0400	-19.2	70	157	05	0801	-21.7	73	167	07
16	0999	-21.1	75	180	26	-002	-	-	-	0380	-20.6	75	179	26	0776	-20.4	75	185	15	
17	1005	-14.7	180	27	0047	-15.0	-	-	-	0440	-15.3	-	-	-	0844	-14.8	-	-	-	-
18	0999	-14.3	67	160	08	-004	-	-	-	0390	-17.6	71	162	15	0783	-20.1	75	168	15	
19	1002	-15.1	68	130	08	0022	-15.3	69	131	08	0420	-17.4	73	170	06	0810	-19.7	76	173	05
20	1004	-26.2	54	000	00	0038	-25.9	56	000	00	0410	-20.8	72	256	01	0815	-21.3	76	255	01
21	1004	-30.3	74	040	02	0040	-29.8	72	020	02	0410	-25.5	65	256	02	0803	-24.5	75	200	00
22	1021	-37.8	120	01	0119	-32.6	43	125	01	0510	-29.9	62	155	01	0904	-28.0	75	195	02	
23	1024	-30.8	52	110	02	0123	-31.0	51	135	05	0550	-22.3	58	176	07	0940	-20.1	78	230	05
24	1031	-30.9	44	140	02	0233	-25.3	42	146	04	0610	-22.7	67	165	05	1001	-16.2	41	216	02
25	1027	-30.2	48	120	02	0199	-24.3	46	138	03	0580	-20.1	53	180	05	0982	-16.3	31	227	05
26	1028	-33.7	53	090	04	0202	-24.1	62	105	03	0600	-18.0	58	115	02	0993	-15.3	36	122	05
27	1016	-37.2	57	090	02	0119	-32.1	57	075	02	0490	-19.6	51	044	03	0894	-20.0	46	043	04
28	1026	-36.8	58	020	02	0183	-30.5	64	335	02	0560	-22.2	67	300	03	0957	-17.1	63	308	04
29	1033	-32.2	49	140	03	0237	-29.0	59	150	08	0610	-23.7	67	168	08	1012	-17.4	35	183	05
30	1036	-18.2	65	140	11	0262	-20.1	71	155	12	0640	-17.6	70	180	10	1055	-11.2	65	213	08
MN	1015	-27.4	62	-	111	-25.3	62	-	490	-22.0	65	-	885	-20.5	66	-	-	-	-	-

Z h	850 MBS				800 MBS				750 MBS				700 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	1380	-13.4	76	186	04	1840	-15.9	80	215	02	2330	-17.3	78	220	05	2842	-17.7	67	204	08
02	1402	-16.0	86	170	02	1858	-17.7	83	190	05	2330	-19.2	78	203	08	2851	-20.9	73	212	11
03	1377	-16.5	84	242	03	1833	-17.8	84	255	03	2310	-21.6	86	270	02	2819	-23.4	81	285	02
04	1364	-19.0	79	355	03	1813	-22.6	81	312	04	2290	-26.5	84	322	04	2790	-22.1	61	270	05
05	1298	-22.3	78	298	04	1743	-24.7	80	233	01	2210	-28.6	81	215	01	2700	-31.1	61	212	02
06	1227	-26.0	75	346	07	1667	-26.8	77	005	05	2140	-30.0	78	351	06	2617	-33.4	78	347	07
07	1236	-27.8	68	130	01	1672	-29.0	70	047	01	2130	-31.7	72	360	02	2615	-35.0	72	342	02
08	1247	-28.7	61	183	01	1681	-29.6	63	188	04	2130	-31.5	63	185	04	2626	-35.7	62	205	03
09	1263	-26.0	56	078	04	1701	-27.9	63	082	04	2180	-28.7	53	092	03	2658	-28.7	43	136	05
10	1249	-23.5	65	192	12	1692	-25.0	73	196	14	2170	-28.3	76	190	13	2652	-30.1	77	158	13
11	1254	-24.3	69	179	10	1696	-26.6	70	177	11	2170	-29.5	70	173	12	2650	-31.5	70	163	19
12	1252	-28.2	58	215	06	1688	-28.5	51	238	08	2160	-30.6	52	246	09	2637	-32.4	53	239	13
13	1300	-22.3	78	200	06	1745	-23.8	79	197	08	2230	-25.4	80	203	13	2713	-27.3	78	214	14
14	1222	-	1671	-21.2	58	-	-	-	-	2150	-23.5	67	187	04	2647	-26.4	75	194	04	
15	1220	-23.1	75	170	09	1663	-25.2	76	175	07	2130	-26.0	74	173	07	2628	-27.2	72	181	07
16	1197	-22.5	75	201	08	1641	-24.7	74	262	09	2110	-25.7	75	282	12	2610	-25.6	76	258	15
17	1273	-18.2	-	-	-	1724	-	-	-	2230	-	-	-	-	2706	-23.1	-	-	-	-
18	1209	-15.9	76	180	09	1653	-17.8	76	208	07	2150	-19.8	76	248	11	2637	-20.7	77	235	09
19	1235	-18.7	76	202	04	1687	-20.1	76	226	06	2170	-21.7	76	223	05	2670	-23.8	79	211	09
20	1236	-22.1	78	220	01	1682	-22.9	82	208	04	2160	-24.7	85	238	04	2653	-27.2	86	235	03
21	1218	-25.7	77	165	01	1657	-26.9	78	120	01	2140	-27.8	80	236	03	2619	-28.1	78	235	05
22	1313	-27.7	75	215	03	1751	-28.7	70	225	04	2210	-30.3	66	236	03	2699	-33.0	64	246	05
23	1365	-19.9	72	281	05	1814	-21.8	77	289	10	2290	-23.6	78	297	13	2789	-27.6	77	295	12
24	1430	-17.3	29	223	02	1983	-20.0	34	237	03	2360	-22.8	38	250	04	2862	-25.8	54	255	07
25	1411	-17.5	29	220	03	1864	-20.0	39	219	05	2330	-22.8	43	222	08	2842	-25.7	32	210	11
26	1422	-18.1	58	137	02	1873	-21.4	62	152	01	2330	-24.8	65	190	02	2846	-26.6	62	218	03
27	1319	-19.3	44	068	03	1769	-21.5	47	056	06	2250	-24.0	37	072	07	2743	-26.7	419	065	06
28	1384	-19.0	54	322	03	1835	-21.3	45	326	04	2310	-23.3	46	335	04	2811	-26.0	45	348	05
29	1440	-17.5	53	216	04	1893	-19.8	61	249	05	2360	-20.8	66	268	06	2879	-23.0	67	272	04
30	1492	-13.4	75	218	06	1955	-12.5	81	243	09	2440	-12.9	86	262	12	2972	-15.2	84	264	13
MN	1308	-21.0	67	196	03	1755	-22.8	69	-	2231	-24.9	69	-	2727	-26.7	67	227	05	-	-

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Z h	SURFACE				1000 MBS				950 MBS				900 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	1020	-20.4	69	000	00	0154	-14.7	69	000	00	0540	-13.8	78	270	01	0955	-12.8	88	225	02
02	1021	-20.4	69	100	04	0162	-16.5	73	100	03	0530	-14.7	81	096	01	0959	-14.8	84	088	

EUREKA, N.W.T.

NOVEMBER 1961

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. 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	3984	-23	1	37 214	13	5304	-29	4	30	205	27	6856	-41	0	210	33	8751	-55	7	212	43	
02	3981	-25	1	41 222	17	5291	-31	7	A20	224	25	6838	-43	6	221	33	8731	-55	0	220	38	
03	3939	-27	2	47 219	06	5234	-35	4	51	336	12	6761	-43	0	326	10	8668	-50	8	220	07	
04	3913	-27	3	67 215	06	5205	-35	7	74	210	08	6729	-46	9	222	10	8610	-54	6	212	11	
05	3802	-29	4	48 179	07	5085	-37	1	A22	181	10	6593	-47	6	187	11	8470	-51	0	186	14	
06	3697	-35	4	75 021	05	4949	-42	2	053	06	6436	-48	3	062	06	8396	-46	2	105	06		
07	3685	-36	8	75 042	02	4927	-43	8	318	01	6410	-48	5	070	02	8315	-45	2	138	09		
08	3706	-36	1	50 242	05	4958	-41	7	115	10	6441	-49	7	173	13	8306	-51	5	147	11		
09	3751	-34	2	41 136	06	5004	-42	4	124	08	6481	-51	1	123	10	8330	-54	3	123	12		
10	3735	-36	1	74 160	12	4980	-43	5	160	11	6454	-51	2	160	17	8304	-53	2	152	16		
11	3733	-34	9	67 177	13	4983	-42	5	180	14	6463	-50	6	176	15	8334	-50	0	180	17		
12	3713	-37	4	44 238	17	4956	-43	3	242	21	6438	-48	5	241	28	8302	-54	0	240	21		
13	3810	-33	3	74 212	17	5067	-41	9	217	22	6590	-50	8	220	25	8394	-59	0	226	21		
14	3746	-33	3	74 197	07	5004	-41	3	188	11	6490	-50	2	193	13	8328	-58	9	194	12		
15	3721	-34	8	69 173	08	4971	-43	2	182	09	6448	-50	9	171	11	8286	-56	7				
16	3717	-31	0	70 264	19	4990	-38	4	67	272	28	6486	-49	6	273	26	8332	-53	3	283	25	
17	3819	-30	4	24 104	16	5104	-34	7	256	17	6632	-45	4	270	17	8499	-57	2	273	22		
18	3786	-26	5	72 224	15	5080	-35	8	63	240	13	6595	-47	8	240	10	8424	-57	2	235	06	
19	3783	-29	8	73 215	10	5061	-37	5	70	204	12	6568	-48	3	224	14	8409	-58	3	225	12	
20	3787	-30	8	82 210	04	5028	-39	10	80	214	06	6525	-49	3	203	10	8357	-49	9	187	09	
21	3711	-33	9	78 220	07	4974	-40	4	203	08	6459	-51	3	205	09	8295	-56	5	202	10		
22	3688	-39	3	59 245	05	4999	-45	7	266	08	6460	-53	3	287	11	8298	-54	9	258	09		
23	3888	-32	8	56 285	20	5151	-40	3	284	18	6633	-52	6	298	19	8441	-63	9	302	19		
24	3964	-32	5	38 258	10	5225	-41	9	263	12	6695	-54	3	254	12	8481	-66	4	247	12		
25	3943	-33	6	38 199	18	5195	-43	6	203	16	6661	-53	7	211	15	8478	-63	1	230	08		
26	3941	-34	6	45 120	01	5192	-42	5	084	02	6672	-51	9	068	05	8485	-64	1	182	02		
27	3938	-34	9	A21 072	08	5087	-43	2	078	08	6561	-52	1	075	05	8388	-61	0	070	06		
28	3910	-32	9	35 347	04	5170	-41	2	318	04	6650	-51	7	330	08	8475	-60	0	357	17		
29	3993	-30	0	69 298	07	5272	-36	8	A22	330	10	6793	-45	0	003	25	8686	-55	0	013	36	
30	4118	-23	5	80 270	14	5430	-29	3	620	18	6995	-39	0	A22	292	18	8905	-54	3	304	22	
MN	3828	-32	0	59		5096	-39	5	51	227	08	6592	-48	7	22	227	08	8447	-56	0	231	08

00 GMT.

CONSTANT PRESSURE DATA

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	11303	-56	7	221 24	13130	-56	8	226 14	15688	-58	7	239 13	17913	-61	7	232 12
02	11282	-57	7	222 12	13103	-56	9	222 15	15652	-60	5	230 11	17657	-63	8	230 08
03	11273	-54	4	204 13	13112	-55	6	223 10	15685	-57	7	248 07	17921	-60	8	271 07
04	11217	-52	6	226 11	13078	-52	7	246 09	15685	-54	5	285 09	17945	-59	5	305 14
05	11134	-48	2	223 10	13032	-47	8	241 08	15691	-53	1	286 13	17980	-55	1	302 15
06	11042	-45	8	174 04	12947	-48	4	248 04	15608	-51	0	268 10	17925	-54	1	284 10
07	11018	-47	3	122 04	12918	-48	0	155 03	15575	-50	7	284 05	17879	-55	0	275 12
08	10971	-48	8	153 07	12864	-48	4	160 03	15508	-52	3	203 04	17797	-55	8	295 06
09	10971	-49	6	143 07	12859	-50	3	145 09	15483	-54	3	162 06	17750	-57	7	218 04
10	10958	-48	7	155 13	12841	-50	7	155 11	15464	-55	0	154 09	17727	-58	5	210 05
11	11000	-49	0	158 13	12883	-51	4	174 14	15501	-53	7	192 08	17760	-58	3	222 07
12	10951	-48	7	207 15	12826	-51	2	207 16	15457	-54	2	200 16	17733	-56	4	230 18
13	10975	-52	5	220 19	12841	-53	3	218 18	15462	-53	0	219 19	17737	-57	2	227 16
14	10934	-51	0	206 08	12806	-51	9	210 06	15433	-53	3	215 07	17715	-54	4	
15	10911	-50	7		12790	-51	0		15428	-52	3		17738	-50	5	
16	10955	-52	7	284 15	12818											
17	11053	-53	1	255 16	12921	-51	0	280 13	15578	-48	3	250 19	17872	-51	0	240 14
18	11016	-50	7	248 15	12886	-51	2	257 16	15594	-47	9	230 15	17819	-52	2	237 20
19	10925	-52	0	228 12	12851	-50	8	238 14	15499	-50	5	230 16	17753	-52	1	237 19
20	10929	-52	9	218 09	12793	-50	4	225 13	15440	-50	5	225 20	17814	-50	5	226 23
21	10926	-48	6	228 14	12812	-50	1	227 14	15478	-48	8	224 20	17814	-50	5	226 23
22	10923	-51	0	222 14	12802	-49	6	212 19	15450	-50	2	214 24	17776	-51	9	212 30
23	10975	-54	6	226 10	12822	-53	3	205 15	15436	-54	0	211 25	17726	-55	0	208 32
24	10980	-57	6	226 11	12793	-57	6	214 10	15370	-56	1	204 16	17753	-58	3	200 23
25	10999	-58	6	226 09	12816	-57	2	221 09	15391	-57	3	213 13	17637	-59	2	206 17
26	10981	-59	2	219 08	12794	-57	1	237 08	15349	-58	7	239 09	17582	-60	5	224 13
27	10915	-56	9	215 01	12744	-56	3	281 04	15316	-57	7	271 04	17547	-61	7	236 10
28	11021	-58	3	203 14	12826	-59	7	346 09	15352	-61	6	288 07	17541	-65	7	234 09
29	11223	-62	8	359 20	12998	-62	5	003 15	15468	-67	2	351 10	17592	-71	4	297 06
30	11408	-69	9	287 14	13105	-71	3	284 15	15520	-68	9	286 13	17645	-72	6	292 09
MN	11041	-53	4	223 08	12894	-53	5	226 08	15500	-54	9	231 10	17761	-57	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. 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	3986	-24	0	70 208	15	5300	-29	9	78	205	22	6854	-40	9	209	34	8748	-54	9	211	39
02	3994	-23	5	39 212	11	5306	-31	4	A20	202	13	6853	-41	5	194	18	8741	-55	6	210	21
03	3931	-25	2	A19 233	09	5231	-34	4	46	229	10	6763	-44	8	230	12	8624	-59	5	232	16
04	3865	-27	4	51 203	06	5152	-36	7	70	220	14	6666	-46	8	215	10	8534	-54	3	215	09
05	3747	-33	4	65 295	03	5010	-41	5	112	06	6497	-48	4	124	11	8395	-46	9	152	10	
06	3679	-35	3	71 028	05	4930	-42	9	035	08	6412	-48	8	059	08	8309	-46	1	095	06	
07	3684	-38	3	75 185	04	4921	-43	5	188	06	6406	-48	5	182	08	8296	-47	8	152	08	
08	3752	-35	3	36 154	02	4985	-41	4	145	11	6475	-48	9	149	18	8320	-54	7	145	14	

EUREKA, N.W.T.

DECEMBER 1961

STATION INSTRUMENTATION

USWB type radiolones, GMD RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and time (01-31).

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and time (01-31).

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and time (01-31).

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and time (01-31).

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

EUREKA, N.W.T.

DECEMBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Z	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	4122	-18	6	27 261	15	5459	-26	9	37 253	18	7031	-38	6	37 270	18	8946	-53	5	283	18
02	4071	-22	5	42 225	11	5393	-29	0	32 218	12	6951	-40	3	236	14	8852	-54	5	226	14
03	3990	-22	5	60 212	15	5305	-32	4	48 222	13	6835	-45	3	223	15	8696	-57	3	239	20
04	3920	-22	4	81 144	12	5233	-32	3	77 135	12	6767	-44	8	145	14	8644	-57	0	139	12
05	3854	-31	9	74 169	11	5118	-39	3	58 207	14	6615	-49	4	193	13	8462	-57	8	177	11
06	3800	-35	4	62 160	16	5055	-41	7	70 23	22	6533	-48	8	166	28	8407	-53	0	165	26
07	3741	-39	5	71 171	35	4981	-42	0	178	40	6478	-47	4	180	69	8354	-51	6	107	85
08	3708	-45	4	71 304	17	4918	-46	8	303	23	6388	-49	1	308	18	8275	-48	9	285	16
09	3902	-35	2	72 275	15	5154	-41	9	273	18	6639	-49	9	275	20	8473	-60	5	273	28
10	3813	-39	8	68 240	06	5038	-47	8	223	09	6490	-53	6	235	12	8326	-54	7	253	11
11	3806	-40	8	025	12	5028	-47	8	018	14	6473	-55	4	015	15	8283	-58	8	003	11
12	3762	-41	8	027	14	4976	-48	8	037	15	6416	-56	0	024	17	8245	-54	6	020	17
13	3750	-36	8	54 343	07	4995	-43	4	352	08	6470	-51	3	347	14	8297	-58	9	353	16
14	3682	-35	6	57 097	04	4934	-41	6	042	08	6419	-51	0	026	08	8245	-61	5	353	07
15	3551	-39	1	56 019	07	4783	-46	2	013	08	6243	-52	9	005	11	8063	-59	3	125	11
16	3634	-38	4	A22 133	05	4871	-44	7	041	06	6339	-52	9	144	06	8175	-56	6	190	09
17	3693	-31	4	73 08	25	4966	-38	8	51 078	34	6464	-48	8	088	38	8320	-58	7	088	30
18	3748	-34	8	A21 088	25	5011	-40	2	234	25	6599	-51	0	230	31	8437	-56	2	226	20
19	3863	-37	3	51 228	21	5113	-41	6	176	27	6740	-46	9	178	27	8585	-61	5	176	28
20	3943	-28	0	55 170	23	5230	-36	0	136	28	6520	-49	9	135	28	8364	-60	3	133	21
21	3784	-35	6	73 134	17	5035	-43	4	207	26	6419	-55	8	206	33	8262	-55	0	212	17
22	3764	-43	0	210 26	49	4977	-49	4	248	10	6543	-53	3	240	12	8354	-63	3	239	11
23	3832	-36	7	61 251	09	5076	-44	2	229	21	6489	-54	8	227	14	8292	-61	1	245	10
24	3803	-38	9	70 228	18	5036	-46	7	231	04	6470	-56	4	294	03	8278	-59	2	291	10
25	3785	-38	3	36 302	03	5020	-46	2	270	12	6612	-53	9	258	18	8425	-62	2	256	22
26	3910	-37	3	46 274	10	5149	-44	7	234	16	6697	-46	5	240	21	8547	-59	6	293	18
27	3914	-30	5	71 202	05	5189	-38	2	68 270	48	6428	-48	2	232	30	8482	-62	7	232	30
28	3891	-30	5	74 213	05	5189	-38	2	213	30	8482	-62	7	213	30	8482	-62	7	213	30
29	3758	-36	6	70 181	19	5001	-43	4	183	25	6477	-51	7	178	46	8310	-58	8	188	34
30	3713	-37	9	43 216	22	4956	-42	9	229	29	6436	-50	7	232	30	8276	-59	7	241	23
31	3721	-27	8	75 177	18	5008	-37	7	69 181	19	6515	-47	0	179	26	8375	-59	2	181	28
MM	3814	-34	5	58		5070	-48	5	35 207	09	6555	-50	1	37 207	11	8399	-57	9	221	09

Z	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	11443	-71	8	293 15	13121	-70	7	280 22	15538	-68	6	273 14	17654	-72	3	270 15
02	11351	-70	9	226 13	13045	-70	8	234 11	15467	-69	7	270 07	17586	-71	0	267 09
03	11280	-65	3	234 14	12958	-62	9	240 12	15438	-66	1	245 07	17587	-69	0	261 11
04	11138	-67	3	150 10	12891	-63	5	150 06	13360	-66	9	220 04	17491	-71	4	255 06
05	10999	-60	9	160 11	12787	-60	4	183 07	13279	-65	3	228 06	17425	-70	8	249 07
06	10981	-57	1	172 15	12799	-60	1	228 07	13303	-65	2	231 09	17446	-71	2	248 13
07	10919	-52	5	290 12	12760	-56	4	242 13	15286	-64	7	225 12	17441	-68	2	262 12
08	10988	-59	3	277 20	12787	-60	0	285 12	15309	-62	7	298 13	17488	-66	8	318 16
09	10937	-53	4	290 12	12781	-55	8	296 14	15335	-60	9	305 16	17544	-66	5	310 22
10	10864	-55	9	312 10	12689	-56	9	302 15	15240	-59	7	304 15	17450	-64	0	312 20
11	10840	-55	2	012 12	12664	-58	2	358 10	15194	-63	0	363 11	17378	-66	2	328 14
12	10840	-59	4	352 10	12634	-60	9	338 07	15140	-65	1	318 07	17305	-68	3	327 08
13	10756	-59	7	007 03	12546	-61	7	048 02	15039	-65	9	360 02	17181	-70	8	292 03
14	10619	-57	9	094 02	12422	-61	3	250 02	14911	-66	2	150 03	17039	-72	9	168 03
15	10737	-58	8	162 09	12350	-62	2	172 09	15013	-67	2	192 08	17144	-73	0	192 03
16	1056	-59	5	17 102	12256	-64	0	19 102	12256	-64	0	19 102	12256	-64	0	19 102
17	10864	-59	4	097 14	12652	-61	7	100 16	15133	-68	4	118 07	17254	-71	8	140 06
18	10963	-60	8	215 09	12741	-63	0	213 09	15203	-68	8	185 06	17310	-74	1	185 07
19	11052	-65	7	186 19	12797	-66	3	176 17	15238	-68	8	179 18	17338	-75	4	178 08
20	110919	-56	7	144 22	12781	-61	3	140 14	15180	-67	0	141 13	17295	-71	7	141 15
21	120799	-57	0	211 16	12582	-62	9	218 08	15051	-68	7	216 07	17162	-72	7	242 05
22	10835	-62	5	244 12	12601	-65	0	234 12	15065	-68	8	232 09	17183	-73	0	253 05
23	10802	-61	7	246 16	12578	-63	0	248 17	15036	-69	2	280 17	17068	-72	1	263 17
24	10815	-59	9	254 13	12599	-63	1	258 16	15068	-67	6	262 15	17193	-72	1	263 17
25	10922	-63	3	263 21	12685	-64	9	265 18	15140	-69	0	271 18	17238	-75	6	262 17
26	11028	-64	3	246 26	12778	-66	0	259 17	15206	-71	7	259 20	17287	-76	0	188 20
27	10961	-65	3	226 20	12705	-66	7	230 20	15136	-71	4	240 17	17208	-77	8	246 18
28	10839	-62	4	199 16	12598	-65	2	193 18	15040	-71	9	238 09	17097	-75	2	247 13
29	10789	-61	4	235 22	12555	-65	2	238 15	14998	-70	9	242 15	17097	-75	2	247 13
30	10849	-65	8	189 25	12604	-66	3	208 17	15024	-72	4	212 15	17105	-75	5	224 19
MM	10932	-61	0	226 08	12708	-62	9	239 08	15183	-67	3	247 08	17323	-71	5	

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Z	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	4102	-19	8	A17 262	15	5434	-27	7	A19 260	16	7007	-39	5	A22 256	18	8911	-54	3	249	17
02	3974	-28	3	A19 147	11	5261	-35	1	A21 130	16	6786	-44	2	125 19	8664	-56	6	095	19	
03	3962	-20	8	69 182	08	5283	-30	9	68 192	11	6824	-43	4	213 10	8695	-57	6	224	12	
04	3879	-28	2	A19 151	10	5169	-34	6	A21 142	09	6698	-44	6	138 09	8568	-57	0	133	08	
05	3869	-30	5	75 147	16	5154	-37	0	70 144	12	6660	-48	5	154 20	8491	-62	6	157	18	
06	3791	-38	0	61 177	23	5030	-43	6	71 192	37	6519	-49	2	193 48	8398	-51	7	194	40	
07	3693	-44	7	61 210	18	4910	-45	3	194 1											

ISACHSEN, N.W.T.

JULY 1961

STATION INSTRUMENTATION

USWS type radiosonde, SCR658 RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

P	SURFACE				1000 MBS				950 MBS				900 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	1003	001.5	94	350 04	0056	001.2	93	348 04	0460	-01.2	81	326 02	0899	-00.9	68	008 01		
02	1000	002.3	89	180 08	0026			0430	-00.6	87	180 09	0865	-03.9	9	84	189 13			
03	1000	001.8	94		0030	001.8	94		0440	-01.6	93		0870	-03.6	93				
04	1007	001.9	97		0085	001.5	96		0490	-00.2	95		0931	-00.3	96				
05	1005	003.7	95		0071	003.5	94		0490	005.9	89		0935	007.1	83				
06	1007	003.2	97	240 04	0085	003.4	97	244 04	0510	004.9	97	275 04	0944	004.8	95	274 06			
07	1013	003.7	83	330 04	0137	002.8	81	331 03	0540	-00.7	73	336 04	0982	-01.3	59	305 06			
08	1009	005.8	82	190 05	0107	005.1	82	195 06	0510	001.9	84	216 07	0997	-00.6	84	239 06			
09	1005	000.4	97	270 06	0068	-00.1	95	269 07	0490	-00.1	82	276 06	0909	-01.0	65	271 05			
10	1004	001.1	94	220 05	0060	000.9	93	225 06	0460	-02.2	92	233 06	0897	-05.2	89	249 06			
11	1001	002.2	92	360 05	0037	002.2	92	301 05	0450	-00.8	90	357 06	0879	-05.1	85	354 07			
12	1006	000.5	94	320 07	0074	000.0	94	320 07	0490	000.3	85	325 05	0816	-02.0	85	331 06			
13	0999	004.6	95	190 09	0022			0430	006.9	81	-		0884	005.3	74	-			
14	0998	003.9	100	360 03	0011			0430	003.7	92	-		0871	005.3	96	-			
15	0997	003.4	100	060 05	0008			0420	002.2	83	072 04	0860	-00.4	73	131 06				
16	0999	001.8	89	320 05	0019			0430	-01.3	88	327 04	0860	-03.1	90	304 04				
17	1002	004.0	85	240 03	0044	003.9	85	229 03	0450	001.3	87	150 04	0892	-01.9	97	089 04			
18	0999	003.0	95	310 07	0020			0430	-00.8	91	316 03	0862	-01.8	93	287 04				
19	1003	002.9	92	240 05	0052	002.7	92	236 06	0460	-00.9	88	222 07	0893	-04.7	84	220 06			
20	1001	005.2	95	090 07	0040	005.1	95	290 07	0450	002.8	95	095 06	0895	000.9	95	122 05			
21	0992	003.6	97	160 07	-0.33			0400	005.2	96	158 10	0826	004.1	90	174 09				
22	1002	000.7	100	270 11	0046	000.5	100	269 11	0460	-03.1	96	280 09	0883	-03.2	95	289 13			
23	1009	003.4	87	180 06	0101	003.5	84	179 07	0510	003.6	71	181 10	0995	002.1	99	189 09			
24	1014	001.4	100	220 07	0144	000.9	100	230 08	0550	-00.9	99	258 08	0956	-02.7	98	242 10			
25	1020	001.8	94	220 04	0185	001.1	96	224 07	0600	-00.5	98	248 09	1027	-01.7	97	240 10			
26	1016	006.6	82	230 06	0160	006.7	79	226 14	0580	004.9	76		1020	003.0	74				
27	1005	003.3	100		0067	003.4	99		0490	003.9	93		0925	003.8	93				
28	1018	001.2	97	320 09	0173	-00.1	96	321 09	0590	-01.8	88	333 10	1012	-03.1	78	346 12			
29	1012	000.9	97	280 09	0128	-00.1	96	286 09	0540	-00.5	93	308 11	0969	-01.1	93	309 17			
30	1008	001.9	79	350 08	0095	001.1	78	350 08	0490	-01.3	98	001 08	0934	-02.6	67	003 08			
31	1006	002.9	82	000 00	0082	002.4	82	000 00	0500	-01.6	81	110 01	0926	000.0	71	054 01			
MN	1005	02.7	93	*		71	02.2	91	*		483	00.9	87	*		918	-00.1	82	*

P	850 MBS				800 MBS				750 MBS				700 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	1353	-04.0	66	360 01	1829	-07.2	65	252 03	2320	-10.9	64	246 03	2855	-14.6	74	236 05
02	1313	-06.2	83	185 13	1787	-08.0	82		2290	-10.0	80		2816	-12.1	78		
03	1320	-05.1	92		1797	-06.9	91		2300	-08.6	90		2832	-11.2	88		
04	1387	-02.1	95		1869	-04.0	94		2380	-06.3	92		2914	-09.2	88		
05	1403	004.8	68		1897	002.4	76		2410	-00.4	80		2966	-03.5	82		
06	1407	002.2	69	236 06	1919	-02.1	54	239 06	2400	-01.1	37	237 08	2961	-05.3	48	227 09	
07	1437	-01.3	32	305 06	1919	-03.0	26	280 07	2430	-05.4	28	274 10	2967	-08.4	37	271 10	
08	1413	-02.1	81	244 06	1995	-03.7	73	244 06	2410	-04.4	32	246 07	2946	-06.4	34	240 07	
09	1365	-02.0	48	260 08	1848	-02.8	51	248 11	2360	-05.2	47	241 13	2897	-08.0	35	239 16	
10	1344	-07.6	87	235 05	1815	-10.0	85	227 06	2300	-12.9	83	232 07	2832	-15.3	82	240 07	
11	1327	-07.4	85	257 05	1798	-11.1	83	347 03	2300	-14.8	80	343 03	2809	-17.8	78	029 09	
12	1368	-05.3	65	336 07	1844	-07.3	52	335 09	2350	-09.4	57	341 10	2875	-12.8	57	333 11	
13	1350	005.4	82	-	1844	002.8	86	-	2360	001.4	84	234 13	2915	-10.7	73	360 12	
14	1338	004.3	97	-	1829	001.3	96	215 12	2340	-01.9	95	226 14	2890	-05.3	95	226 17	
15	1330	006.9	73	179 11	1827	004.5	73	189 11	2350	001.8	72	191 12	2906	-01.0	67	196 11	
16	1314	-03.4	93	280 04	1794	-04.1	91	239 04	2300	-03.6	89	226 04	2848	-05.6	87	235 05	
17	1346	-02.5	77	152 02	1828	-03.6	70	192 02	2330	-07.4	74	155 02	2871	-09.0	56	161 05	
18	1316	-02.9	91	297 03	1796	-04.9	91	310 04	2300	-07.0	89	235 03	2839	-09.2	86	184 03	
19	1343	-04.8	61	230 10	1819	-06.3	67	235 14	2320	-08.5	64	236 14	2855	-11.4	63	239 15	
20	1352	000.3	93	165 05	1838	-03.4	70	227 03	2350	-03.3	86	224 10	2894	-03.4	84	233 10	
21	1294	003.7	94	181 12	1786	001.2	92	167 13	2310	-01.5	89	162 11	2850	-04.5	87	159 10	
22	1338	-03.2	93	272 13	1817	-05.3	89	270 16	2320	-07.4	85		2857	-09.8	81		
23	1416	001.1	65	192 11	1903	-00.6	66	203 12	2420	-03.4	87	204 11	2960	-06.8	79	215 09	
24	1438	-04.4	96	248 14	1916	-05.5	86	231 14	2420	-06.9	76	231 13	2957	-09.9	69	243 12	
25	1464	000.8	81	242 10	1972	-00.8	49	261 09	2490	-03.9	73	260 10	3024	-08.0	75	269 15	
26	1481	000.9	71		1968	-00.3	36		2490	-01.2	23		3029	-04.7	25		
27	1387	001.6	93		1875	-00.3	92		2390	-01.9	90		2936	-04.2	82		
28	1462	-06.8	81	356 10	1933	-10.1	83	358 11	2440	-08.8	64	352 15	2965	-11.4	53	346 19	
29	1425	-01.8	93	326 17	1908	-03.1	89	330 19	2400	-05.1	83	331 21	2958	-07.1	77		
30	1386	-04.1	41	360 11	1864	-05.8	46	354 10	2380	-07.9	56	354 15	2902	-10.5	54	358 18	
31	1384	000.7	46	087 02	1871	-01.4	40	041 06	2400	-02.7	29	038 06	2930	-05.2	25	015 06	
MN	1375	-01.4	77	255 04	1858	-03.4	73	*	2366	-05.4	67	*		2905	-08.2	64	256 06

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

P	SURFACE				1000 MBS				950 MBS				900 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	1002	-01.9	97	150 03	0049	-02.1	96								

JULY 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

Z	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	4004	-20.5	63	211	01	5333	-28.5	43	009	06	6892	-40.9	9	360	05	8813	-44.6	0	035	04
02	3980	-18.6	74	201	01	5311	-29.0	40			6866	-41.7	67			8794	-41.9			
03	4001	-18.1	82			5341	-26.4	75			6916	-38.0	67			8834	-49.1			
04	4093	-15.8	80			5445	-24.6	71			7044	-33.7	64			8998	-48.7			
05	4169	-11.1	68			5546	-19.9	54			7161	-32.5	46			9119	-48.8			
06	4153	-12.2	28	216	09	5522	-21.5	A18	206	16	7127	-33.5	35	208	20	9083	-47.2			
07	4149	-15.1	58	264	12	5503	-24.7	68	248	18	7088	-36.5	48	249	17	9021	-50.5		253	22
08	4137	-12.7	A16	244	11	5510	-20.2	28	259	10	7120	-33.5	61	274	12	9080	-48.0		297	13
09	4082	-14.1	A16	235	14	5442	-23.0	A18	232	15	7034	-34.4	30			8983	-48.1			
10	3994	-18.4	52	240	12	5333	-26.3	48	230	20	6908	-37.6	51			8863	-39.4			
11	3947	-24.6	73	038	08	5252	-32.7	65	028	09	6758	-38.7	39	008	07	8792	-33.4		324	06
12	4046	-17.6	34	339	12	5391	-25.9	38	341	18	6968	-37.3	A22	339	26	8915	-43.9			
13	4124	-09.9	46	260	19	5504	-20.8	66	268	15	7126	-29.5	36	274	22	9113	-45.0			
14	4089	-11.0	77			5467	-19.6	A17			7088	-30.5	A20			9073	-44.9			
15	4122	-07.7	45	220	13	5515			197	15	7148	-29.4	29	189	21	9140	-43.4		189	26
16	4041	-12.6	82	215	06	5414	-21.0	47	195	10	7026	-30.8	A20	217	12	9002	-46.5		225	23
17	4055	-14.8	48	180	08	5415	-22.6	35	188	09	7029	-31.5	64	170	18	9002	-46.6		170	18
18	4019	-15.3	51	190	04	5370	-25.1	68	171	03	6955	-36.0	59	208	02	8897	-45.1		197	03
19	4023	-16.7	30	246	10	5374	-24.1	41			6968	-35.0	A21			8926	-45.9			
20	4098	-10.2	A15	240	14	5480	-19.3	A17	246	22	7099	-31.5	54	246	22	9068	-46.9			
21	4051	-11.3	86	180	11	5428	-20.0	58	169	08	7043	-33.5	44	159	24	9002	-42.6			
22	4032	-16.6	72			5379	-25.9	42			6955	-38.0	A22			8958	-38.5			
23	4149	-13.0	25	211	13	5525	-20.2	37	219	16	7137	-32.4	38	221	20	9108	-46.4			
24	4139	-15.3	47	236	17	5488	-25.3	A18			7064	-34.7	A22			8996	-45.2			
25	4202	-17.3	80	261	12	5542	-26.5	76	268	14	7116	-38.1	61	255	17	9048	-47.1		278	20
26	4223	-17.3	82			5598	-20.1	53			7218	-30.4	62			9194	-46.9			
27	4136	-11.1	56			5511	-20.9	52			7118	-32.9	40			9085	-46.4			
28	4135	-18.0	41	330	16	5475	-27.1	48	326	14	7045			330	24	8966	-44.6			
29	4148	-13.0	67			5516	-21.6	59			7121	-32.0	51			9092	-47.0			
30	4077	-16.3	64			5425	-25.1	33			7009	-36.3	31			8956	-48.4			
31	4123	-12.9	30	010	11	5490	-21.7	A18	005	15	7100	-32.0	A20	353	26	9068	-47.0		353	26
MN	4088	-14.7	54	*		5447	-23.7	45	*		7041	-34.6	41	*		8999	-45.4	*		*

CONSTANT PRESSURE DATA

12 GMT.

Z	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	3976	-21.7	62	208	01	5298	-29.6	50	304	04	6853	-40.7	66	332	09	8771	-48.1	396	08	
02	3984	-19.1	78			5320	-27.6	72			6889	-40.0	66			8803	-46.0			
03	4035	-16.6	81			5380	-26.1	78			6957	-38.6	63			8891	-46.0			
04	4142	-13.7	91			5504	-22.5	61			7106	-33.7	66			9058	-47.4			
05	4155	-10.9	76	196	14	5530	-20.9	66	198	21	7139	-33.0	65			9099	-48.1			
06	4155	-13.4	39	283	14	5518	-22.7	32	276	17	7112	-35.5	30	273	12	9058	-49.0			
07	4132	-15.4	47	269	04	5488	-23.1	27	315	04	7081	-35.3	34	A11	08	9216	-50.1		219	11
08	4113	-13.0	80			5479	-21.9	79			7083	-33.6	75			9037	-48.0			
09	4040	-17.8	75	230	16	5380	-26.5	73			6960	-36.4	65			8903	-42.6			
10	3945	-23.2	77	221	11	5256	-30.6	70	205	14	6814	-40.0	62	214	17	8786	-35.2	35	226	15
11	3980	-21.8	60	006	10	5301	-29.9	47	014	13	6858	-40.0	45	008	22	8818	-37.2	359	14	
12	4085	-10.9	75	301	10	5464	-19.4	48	316	21	7083	-30.4	52	313	22	9059	-46.7		316	32
13	4120	-12.2	66			5493	-19.4	71			7121	-29.6	A20			9106	-45.2			
14	4104	-08.6	A15			5494	-17.5	51			7131	-28.4	A19			9127	-43.8			
15	4034	-11.9	87	158	11	5406	-21.4	78	165	13	7011	-33.8	67	160	19	8969	-48.8		155	25
16	4046	-8.8	79	186	11	5399	-25.1	75	152	08	6981	-36.5	65	163	10	8943	-40.9		170	12
17	4044	-14.6	85	140	06	5401	-23.4	83	152	14	6996	-35.0	67	146	11	8946	-46.7		159	05
18	4024	-15.3	87	235	10	5374	-25.1	41	249	15	6962	-35.9	30	252	16	8901	-45.8			
19	4038	-16.8	33	248	19	5388	-24.4	A18	254	25	6979	-34.8	A21			8929	-46.1			
20	4096	-08.7	94	207	15	5488	-17.1	86	204	15	7121	-29.4	76	208	14	9105	-46.1		200	26
21	4022	-10.2	A15	192	11	5409	-18.0	25	190	16	7029	-31.8	43	176	22	9000	-46.1		184	26
22	4126	-12.1	A16	272	09	5497	-21.1	A18	277	13	7105	-33.3	36	278	15	9056	-49.1		275	20
23	4128	-14.1	A16			5485	-23.5	A18			7079	-34.9	32			9027	-49.4			
24	4173	-15.6	27	259	11	5527	-24.3	31	249	13	7112	-36.8	41	258	11	9048	-51.8		264	14
25	4209	-13.7	33	266	24	5569	-22.2	36			7179	-31.1	29			9136	-46.9			
26	4189	-11.0	76			5566	-21.1	68			7181	-30.0	39			9160	-46.4			
27	4105	-14.4	33	291	19	5465	-22.9	32	278	26	7061	-35.4	37			9001	-47.7			
28	4168	-15.5	76			5526	-22.2	74			7131	-33.9	72			9086	-48.0			
29	4118	-12.8	85			5482	-22.6	78			7092	-32.1	61			9068	-46.4			
30	4135	-14.9	49	351	20	5476	-22.3	A18	353	26	7077	-34.1	A21			9035	-47.8			
31	4116	-12.8	A16	039	04	5482	-21.9	A18	027	06	7090	-32.7	A20	353	16	9054	-47.8		347	19
MN	4088	-14.4	59	*		5447	-23.1	52	*		7044	-34.4	47	*		9000	-46.2	35	*	*

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

CONSTANT PRESSURE DATA

00 GMT.

Z	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	11603	-36.7	019	06	13591	-37.8	032	04	16379	-39.2	021	03	18820	-39.6	052	04
02	11583	-37.4			13564	-38.6			16350	-39.6			18803	-38.3		
03	11581	-39.5			13550	-39.4			16328	-39.4			18771	-39.5		
04	11681	-42.9			13627	-41.9			16379	-41.1			18808	-40.4		
05	11750	-45.2			13681	-43.2			16418	-41.4			18844	-40.5		
06	11791	-42.6			13736	-41.7			16478	-42.2			18899	-40.5		
07	11740	-40.2			13707	-40.3			16460	-41.6			18887	-40.5		
08	11745	-42.2	276	08	13693	-41.9	273	12	16441	-41.5	291	03	18864	-40.8	300	05

ISACHSEN, N.W.T.

JULY 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps, gpm) for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for various altitudes and times.

Table with columns for SURFACE, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes data for various altitudes and times.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps, gpm) for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for various altitudes and times.

Table with columns for SURFACE, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes data for various altitudes and times.

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

ISACHSEN, N.W.T.

AUGUST 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 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. 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	1006	007	65	090	07	0081	007	66	104	06	0500	003	71	127	05	0937	000	74	155	06			
02	1004	012	63	290	03	0064	012	64	291	03	0480	008	66	69	349	02	0936	005	70	122	02		
03	1002	009	67	160	04	0042	009	74	065	04	0490	006	66	70	089	05	0949	004	77	123	07		
04	1006	010	73	040	04	0082	009	77	085	04	0490	006	66	70	089	05	0949	004	77	123	07		
05	1004	007	79	000	00	0060	007	89	000	00	0490	006	62	84	167	03	0923	004	67	090	06		
06	1008	007	61	360	06	0098	006	76	355	05	0500	007	70	70	303	01	0966	006	62	627	02		
07	1010	004	85	010	11	0110	002	86	016	13	0530	006	67	75	032	14	0971	008	1	43	026	15	
08	1011	001	87	350	16	0120	000	87	-	-	0510	-02	90	-	-	0929	-04	93	-	-	-	-	
09	1007	001	89	350	16	0086	001	89	356	16	0490	-02	90	359	15	0957	-00	4	90	014	12		
10	1006	000	7	340	12	0081	000	94	95	-	0480	-02	93	96	-	0919	-03	6	97	-	-	-	
11	1009	002	88	340	09	0098	-00	89	341	10	0500	-02	94	356	10	0939	-00	3	91	360	16		
12	1008	001	89	310	02	0099	003	89	313	02	0500	-00	89	336	05	0937	-00	8	68	390	07		
13	1003	004	85	200	05	0053	004	84	199	05	0470	002	1	82	204	05	0907	-01	6	78	215	03	
14	1006	008	79	150	09	0075	008	85	150	09	0490	002	1	74	-	0930	002	1	48	000	03		
15	1005	008	79	190	06	0068	004	87	189	06	0480	002	9	77	156	08	0920	-00	1	74	160	12	
16	1007	003	88	170	05	0088	003	88	164	05	0500	001	9	90	144	09	0936	-01	6	92	143	11	
17	1008	004	0	240	03	0097	003	97	225	03	0500	001	0	94	266	06	0945	-01	8	93	149	05	
18	1013	005	82	300	04	0135	004	83	039	03	0550	000	6	84	072	03	0982	-02	4	78	094	05	
19	1009	003	82	360	04	0106	003	78	011	04	0520	001	5	59	021	04	0953	-02	1	62	302	03	
20	1002	004	74	240	02	0042	004	73	238	02	0450	000	9	60	322	04	0888	-02	6	66	191	04	
21	0995	000	0	230	03	-009	-	-	-	-	0400	-02	2	98	250	04	0827	-05	1	97	259	03	
22	1001	-01	4	360	14	0036	-01	6	89	360	14	0440	-04	3	80	353	10	0869	-03	3	61	006	06
23	1005	-02	1	360	11	0070	-03	3	87	360	11	0470	-03	7	77	352	09	0899	-05	9	56	339	11
24	1007	-00	3	360	05	0088	-01	0	88	318	05	0495	-03	6	89	298	05	0914	-09	2	86	338	05
25	1004	-02	1	360	06	0063	-02	6	76	360	06	0490	-04	1	72	009	06	0952	-06	8	66	013	04
26	1007	-01	4	360	11	0089	-01	9	90	350	11	0480	-04	7	91	342	09	0918	-07	7	82	353	07
27	1013	-03	1	360	09	0130	-04	0	90	351	10	0520	-06	8	88	002	09	0953	-07	9	87	005	09
28	1017	-03	3	360	08	0162	-04	7	91	336	10	0560	-06	9	86	353	09	0966	-07	8	88	003	11
29	1015	-04	3	360	17	0149	-05	2	86	360	17	0540	-08	9	85	007	18	0988	-08	3	78	010	20
30	1011	-02	8	360	05	0119	-04	9	88	360	05	0500	-09	7	85	000	07	0933	-12	8	86	000	03
31	1008	-07	8	360	05	0090	-09	6	81	360	06	0490	-13	7	86	356	07	0897	-08	9	87	343	05
MN	1007	-02	3	85	-	86	01	7	84	-	492	-00	7	81	-	929	-02	2	77	-	-	-	-

CONSTANT PRESSURE DATA

12 GMT.

Day	SURFACE				1000 MBS				950 MBS				900 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	1006	006	4	75	080	05	0077	006	1	70	084	05	0490	005	9	48	121	06	0939	003	0	63	135	07
02	1002	004	2	88	000	04	0044	004	6	85	000	00	0470	008	9	46	062	02	0914	007	1	51	155	03
03	1003	006	9	72	000	00	0051	006	7	72	000	00	0470	005	1	71	115	01	0912	003	3	69	121	08
04	1006	003	3	85	340	11	0082	003	11	80	052	07	0903	006	9	50	049	10	0865	002	0	65	050	10
05	1007	009	2	77	000	00	0089	009	2	77	000	00	0500	000	0	75	068	03	0950	005	4	76	045	04
06	1010	000	1	97	010	08	0111	-00	7	93	013	08	0530	008	3	78	047	04	0975	005	1	66	045	09
07	1011	000	0	91	-	00	0119	-00	8	92	-	0540	002	6	82	-	0540	002	5	83	-	-	-	-
08	1009	000	7	91	350	12	0101	000	1	91	-	0510	-02	9	92	-	0936	-06	2	93	-	-	-	-
09	1008	000	7	94	350	15	0096	-00	4	93	-	0500	-03	5	89	-	0934	-00	1	88	-	-	-	-
10	1006	000	2	94	350	15	0081	-00	1	95	348	16	0480	-00	4	95	355	16	0927	002	1	95	355	16
11	1010	-00	4	97	310	08	0108	-01	8	95	316	08	0520	001	2	83	350	07	0952	-00	9	84	352	10
12	1005	-01	9	93	000	00	0067	-01	5	92	000	00	0480	001	2	77	231	04	0911	001	9	68	229	02
13	1004	003	6	82	140	05	0058	003	4	81	142	05	0480	002	4	69	156	13	0909	001	3	64	163	12
14	1005	002	3	92	130	04	0078	002	8	88	139	05	0470	005	0	89	153	13	0919	001	2	80	161	13
15	1006	002	4	92	100	05	0079	002	2	90	109	05	0490	001	8	87	156	06	0928	-00	2	89	181	05
16	1008	002	5	97	080	05	0093	002	2	97	083	05	0490	-00	2	96	146	06	0937	-02	7	94	148	05
17	1011	003	1	95	000	00	0119	002	4	94	000	00	0530	-00	2	88	155	03	0961	-02	8	82	131	06
18	1012	001	6	92	020	05	0128	001	2	91	022	05	0530	001	7	83	026	05	0975	-01	6	73	035	02
19	1006	-01	1	95	120	02	0076	-01	4	92	130	02	0490	-00	1	73	220	02	0916	-03	2	62	282	02
20	0998	000	0	100	240	03	0015	-	-	-	-	0430	-02	1	99	220	06	0851	-04	6	98	203	06	
21	0997	-01	7	95	360	12	0044	-	-	-	-	0410	-00	7	86	012	11	0842	-02	6	77	018	10	
22	1002	-03	7	93	360	15	0048	-03	9	92	-	0430	-01	1	75	-	0885	-03	7	64	-	-	-	-
23	1006	-03	9	86	360	03	0081	-04	0	86	359	04	0480	-04	7	87	358	07	0910	-06	4	88	304	04
24	1006	-01	6	96	260	03	0076	-01	8	96	265	03	0470	-04	3	96	343	03	0907	-06	8	86	355	04
25	1005	-02	1	90	330	07	0066	-02	4	90	330	07	0460	-05	1	85	343	07	0940	-07	8	88	338	08
26	1011	-03	2	88	350	09	0137	-03	9	88	381	10	0510	-07	9	89	388	11	0941	-05	9	79	003	11
27	1013	-05	7	86	340	10	0143	-06	4	86	345	10	0530	-08	5	88	360	07	0963	-07	0	85	012	09
28	1017	-03	8	87	360	07	0165	-04	9	87	357	11	0570	-07	5	86	354	13	0988	-07	6	77	-	-
29	1014	-04	3	91	-	0135	-05	1	91	-	0520	-08	2	89	-	0953	-10	9	89	-	-	-	-	-
30	1010	-06	3	87	030	08	0108	-06	9	87	032	08	0520	-09	9	89	041	03	0925	-08	2	88	063	03
31	1003	-00	3	84	020	06	0053	-09	5	84	020	06	0440	-12	7	85	025	10						

ISACHSEN, N.W.T.

AUGUST 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 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 (Pns. 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	4112	-13	1	33	130	04	5677	-22	0	A18	025	01	7082	-33	0	A20	010	07	9043	-48	1	003	12
02	4154	-12	0	25	118	01	5522	-21	7	A18	221	04	7126	-33	5	A21	313	02	9078	-48	9	037	06
03	4096	-14	9	38	086	09	5454	-22	8	A18	101	07	7051	-34	1	56	113	04	8994	-50	8	058	06
04	4152	-12	7	76	120	11	5516	-22	8	71	122	07	7114	-35	6	61	130	11	9052	-50	1	138	20
05	4116	-13	7	85	091	13	5478	-22	5	80	071	13	7088	-31	0	73	098	13	9061	-46	9		
06	4179	-12	6	54	089	08	5549	-20	3	A17	112	11	7168	-30	5	58	128	08	9148	-46	3	144	09
07	4122	-10	9	A16	095	03	5587	-20	6	A18	058	04	7199	-32	5	A20	135	01	9167	-47	6	126	03
08	4161	-11	4	A16	297	03	5533	-21	3	A18	250	01	7142	-33	3	A20	138	02	9101	-48	5	167	06
09	4117	-13	2	29	011	01	5487	-21	2	A18	250	04	7093	-34	0	A21	246	05	9046	-49	0	237	09
10	4099	-14	5	48	-		5457	-23	9	34	-		7054	-35	2	A21	049	07	9003	-48	9	093	05
11	4109	-15	1	47	348	11	5467	-23	7	A18	347	13	7060	-35	2	43	348	08	9006	-49	0	333	07
12	4097	-16	7	64	332	09	5444	-25	4	54	333	09	7031	-36	4	39	335	08	8966	-50	7	326	09
13	4060	-16	4	86	242	06	5408	-25	6	83	295	08	6988	-37	4	63	290	11	8921	-50	8	299	19
14	4093	-16	1	84	-		5443	-24	6	78	-		7031	-35	8	53	-	-	8968	-50	8	-	-
15	4062	-18	2	77	148	03	5403	-26	8	79	132	02	6982	-37	6	31	053	06	8906	-52	1	028	04
16	4059	-20	0	67	113	03	5391	-27	7	70	150	03	6996	-39	8	60	000	00	8864	-52	6	000	00
17	4051	-22	6	77	156	02	5374	-29	8	56	134	02	6934	-40	0	44	112	03	8842	-53	1	050	05
18	4070	-22	1	56	072	03	5399	-28	9	40	019	01	6987	-40	4	34	03	8864	-52	1	347	03	
19	4053	-20	3	32	360	02	5387	-27	8	A19	257	04	6960	-38	4	A22	344	11	8920	-50	1	333	17
20	3992	-20	8	76	293	05	5321	-27	9	35	399	10	6887	-39	0	A22	293	12	8802	-44	3	313	29
21	3893	-25	2	79	199	08	5194	-33	4	54	224	09	6728	-41	6	217	18	8669	-41	5	230	13	
22	3941	-24	1	52	024	04	5249	-32	5	48	024	05	6788	-44	1	009	06	8680	-48	8	354	05	
23	3955	-24	4	38	279	03	5264	-32	2	31	320	03	6803	-43	1	325	11	8697	-51	0	219	13	
24	3951	-23	8	36	286	08	5263	-31	5	29	286	14	6806	-43	0	288	17	8694	-52	2	383	16	
25	3942	-22	7	67	307	03	5261	-30	1	58	245	03	6806	-43	4	209	03	8699	-47	0	235	04	
26	3988	-22	3	69	356	06	5306	-30	6	56	311	06	6848	-43	8	301	06	8734	-50	2	305	11	
27	4027	-24	7	97	072	07	5328	-32	0	43	330	06	6867	-40	0	322	09	8759	-49	8	312	17	
28	4054	-22	8	54	108	01	5325	-20	7	73	113	09	7138	-31	3	62	145	09	9112	-46	8	135	07
29	4057	-21	1	74	012	10	5377	-30	5	76	011	17	6928	-40	7	017	13	8832	-53	3	016	12	
30	4032	-21	0	79	-		5357	-29	1	A19	-		6917	-40	6	-	-	8819	-54	4	-	-	
31	4011	-20	1	70	044	17	5338	-29	8	71	-		6890	-41	4	-	-	8774	-56	8	-	-	
AN	4061	-18	3	57	-		5401	-26	7	44	350	02	6975	-38	0	39	346	02	8907	-50	0	315	04

00 GMT.

CONSTANT PRESSURE DATA

Day	200 MBS				150 MBS				100 MBS				70 MBS							
	Altitude (Pns. 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	11704	-43	3	350	03	13646	-42	3	006	04	16387	-42	0	012	05	18816	-40	5	057	02
02	11760	-44	3	338	05	13680	-44	2	018	04	16415	-41	8	053	03	18658	-41	9	101	03
03	11663	-44	4	094	01	13604	-41	0	070	01	16346	-41	9	074	02	18765	-42	6	096	02
04	11740	-43	4	142	04	13681	-41	7	191	05	16437	-41	7	160	01	18856	-41	4	078	03
05	11718	-45	3	000	00	13643	-43	9	334	04	16380	-42	1	059	02	18794	-42	0		
06	11777	-48	5	026	01	13690	-45	0	019	02	16414	-43	0	045	02	18814	-41	6	000	00
07	11725	-45	7	000	00	13652	-43	8	063	01	16382	-42	9	054	04	18827	-42	0		
08	11682	-45	1	120	03	13618	-42	8	064	05	16352	-43	1	089	06	18756	-43	0	129	05
09	11683	-42	3	222	04	13620	-44	3	355	02	16347	-42	9	048	04	18749	-43	4	074	05
10	11682	-44	4	007	03	13611	-41	0	355	03	16336	-43	5	084	05	18737	-43	5	053	03
12	11656	-42	8	335	04	13597	-43	4	326	02	16334	-42	4	027	05	18739	-42	3	280	02
13	11606	-41	5	335	03	13557	-41	8	274	01	16302	-42	2	031	01	18714	-42	3	065	01
14	11606	-43	5	13545	-42	8	16287	-41	8	-	-	-	-	-	-	18707	-41	7	-	-
15	11563	-42	7	145	02	13513	-41	7	000	00	16280	-42	0	321	01	18673	-42	4	355	01
16	11549	-41	9	145	02	13499	-41	6	000	00	16249	-41	7	126	01	18668	-41	5	166	01
17	11532	-42	8	000	00	13475	-42	6	360	02	16222	-41	6	346	02	18640	-42	0	325	02
18	11576	-40	9	136	06	13526	-42	4	120	05	16243	-42	6	325	05	18673	-42	8	338	04
19	11600	-42	5	322	12	13544	-42	5	322	10	16281	-42	5	310	04	18689	-42	9	330	05
20	11555	-41	7	315	17	13503	-42	3	305	11	16238	-43	3	330	09	18635	-44	1	301	06
21	11453	-38	8	291	08	13418	-40	0	298	13	16184	-42	2	317	07	18595	-42	4	317	05
22	11419	-40	6	330	08	13378	-41	1	324	07	16130	-41	9	306	06	18542	-42	8	332	03
23	11413	-41	1	303	06	13352	-43	0	298	07	16085	-43	0	304	04	18480	-43	8	289	04
24	11391	-42	6	279	12	13333	-42	8	262	04	16066	-43	3	352	03	18463	-44	3	293	03
25	11467	-39	6	271	07	13425	-41	4	260	09	16173	-42	1	279	06	18593	-43	0	273	04
26	11471	-41	1	292	10	13422	-43	8	296	10	16166	-42	5	000	00	18571	-44	0	287	03
27	11479	-41	7	305	05	13426	-42	4	289	07	16171	-42	9	277	07	18579	-42	9	287	03
28	11534	-43	0	326	07	13472	-43	7	308	06	16200	-42	7	305	04	18599	-43	3	288	03
29	11494	-45	0	355	05	13421	-45	4	350	05	16142	-44	2	358	06	18537	-44	6	293	04
30	11499	-44	6	13428	-44	8	16148	-44	6	-	-	-	-	-	-	18532	-44	0	-	-
31	11411	-46	3	13329	-44	9	16035	-45	0	-	-	-	-	-	-	18415	-45	9	-	-
AN	11586	-43	2	306	03	13526	-42	8	319	03	16263	-42	7	348	02	18666	-42	8	-	-

CONSTANT PRESSURE DATA

12 GMT.

Day	600 MBS				500 MBS				400 MBS				300 MBS										
	Altitude (Pns. 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	4138	-12	9	34	176	06	5505	-22	6	29	148	04	7104	-34	6	A21	132	03	9054	-49	2	032	07
02	4120	-12	9	A16	131	02	5489	-22	4	A18	308	01	7093	-33	0	A20	039						

ISACHSEN, N.W.T.

SEPTEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include data for days 01-30 and MN 1009.

Table with columns for Day, 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include data for days 01-30 and MN 1348.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include data for days 01-30 and MN 1009.

Table with columns for Day, 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include data for days 01-30 and MN 1348.

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

ISACHSEN, N.W.T.

SEPTEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

Z	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	3988	-17	0	43 057	07	5331	-25	4	A18	093	06	6920	-35	4	64 154	07	8858	-51	3	155	08	
02	4049	-16	4	64 117	03	5411	-21	8	41	142	05	7013	-34	0	44 135	07	8959	-50	3	159	10	
03	4067	-17	2	73 336	03	5424	-23	2	64	035	08	7022	-35	6	48 019	10	8957	-51	7	018	12	
04	4046	-20	0	67 127	04	5374	-29	5	56	106	07	6930	-40	7	083	16	8831	-52	8	058	12	
05	4000	-20	9	59 025	05	5325	-29	3	48	056	04	6885	-40	3	101	05	8797	-52	2	132	03	
06	3993	-19	0	77		5328	-27	9	A18			6898	-39	3	71		8804	-53	9			
07	4066	-16	1	A17		5415	-25	1	83			6995	-38	1	A22		8910	-52	9			
08	4033	-20	4	35 324	14	5366	-28	0	37	330	13	6934	-39	1	A22	329	09	8853	-52	1	323	02
09	4053	-19	8	79 354	10	5379	-29	5	72	340	15	6950	-38	4	70	330	21	8867	-53	7	321	14
10	4060	-21	7	67 343	13	5380	-29	4	68	345	17	6939	-39	8	62	354	18	8852	-52	5	339	23
11	4071	-23	2	77 262	11	5386	-30	6	73	277	12	6936	-41	9	268	13	8832	-54	7	280	09	
12	4016	-22	0	54 184	03	5336	-31	1	47	300	08	6884	-42	5	292	13	8775	-53	9	356	13	
13	4007	-23	9	76 006	14	5335	-29	5	71	398	17	6887	-41	6	347	19	8779	-54	8	021	14	
14	4021	-23	9	76		5335	-31	1	79			6886	-41	0			8787	-54	8			
15	3965	-23	7	69 344	20	5276	-32	1	39	350	25	6818	-42	2			8722	-51	6			
16	3876	-27	7	74 013	12	5165	-36	5	71	015	18	6685	-46	1	009	25	8585	-44	0			
17	3830	-30	4	60 099	09	5102	-38	8	54	087	13	6605	-46	0	076	32	8516	-41	8			
18	3852	-22	6	83		5168	-30	9	81			6720	-40	0	71		8638	-50	5			
19	3849	-22	5	42 036	09	5163	-31	9	38	040	16	6710	-41	5	038	21	8618	-51	8			
20	3819	-26	0	77 005	12	5114	-35	2	76	005	17	6634	-45	4	014	28	8539	-43	5			
21	3806	-27	7	78 119	13	5092	-37	2	69	118	15	6610	-44	0			8542	-41	4			
22	3903	-25	1	68 102	19	5210	-32	2	62	102	30	6751	-42	3			8654	-50	4			
23	3967	-22	9	32 052	06	5280	-31	5	A20	087	06	6825	-42	0	091	11	8714	-55	5	093	13	
24	3932	-22	9	56 013	06	5251	-31	2	43	360	07	6802	-41	6	022	10	8662	-55	4	010	10	
25	3934	-24	2	50 032	06	5244	-31	9	39	332	08	6781	-44	2	022	04	8694	-55	2	290	09	
26	3960	-24	7	A18 359	05	5266	-33	2	A20	306	07	6794	-45	1	020	07	8666	-56	9	289	10	
27	4006	-26	1	38 038	05	5303	-34	6	35	015	09	6829	-45	1	014	04	8703	-55	4	300	03	
28	4022	-26	2	80 008	09	5321	-34	3	65	020	09	6846	-44	9	093	10	8714	-57	4	036	13	
29	4021	-26	4	59 026	07	5319	-34	0	30	058	03	6852	-43	8	033	01	8734	-55	4	065	01	
30	3992	-26	8	31 061	04	5286	-34	8	32	090	04	6808	-45	4	065	04	8678	-56	1	074	04	
MN	3973	-22	8	59		5290	-31	0	52	15	06	6838	-41	6	53	19	08	8741	-52	1		

CONSTANT PRESSURE DATA

12 GMT.

Z	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	3994	-16	3	55 090	07	5344	-25	5	70	087	10	6932	-36	6	40	096	10	8854	-52	6	143	18
02	4059	-15	8	65 005	02	5419	-21	8	54	032	05	7018	-34	9	59	033	07	8962	-50	9	033	06
03	4061	-18	6	37 066	03	5400	-26	2	62	043	13	6980	-37	2	70	031	16	8905	-51	3	034	20
04	4015	-21	1	49 066	04	5335	-30	8	38	092	02	6883	-42	3	061	05	8775	-51	6	156	01	
05	3975	-19	8	48 003	10	5309	-27	2	64	002	07	6882	-38	0	A22	352	04	8805	-51	5	360	06
06	4033	-16	1	50 008	14	5381	-25	9	56	013	13	6954	-38	5	61	043	16	8878	-51	6		
07	4049	-18	9	27 343	14	5382	-28	2	A19	338	16	6951	-38	6	31	336	13	8864	-52	8	327	12
08	4029	-20	1	85 332	11	5359	-28	3	80	335	12	6927	-38	6	74	341	10	8840	-52	4	349	09
09	4050	-20	2	83 348	16	5378	-28	9	77	350	13	6938	-40	0	72	353	16	8847	-53	2	346	30
10	4076	-23	4	82 360	10	5394	-30	7	74	337	15	6948	-39	9	55	331	13	8866	-52	1	331	10
11	4052	-23	2	82 231	05	5366	-31	4	77	284	09	6914	-42	7	262	08	8799	-52	6	273	11	
12	4013	-22	2	81 065	08	5332	-30	8	A20	003	06	6877	-42	7	048	11	8795	-53	2	360	08	
13	3996	-20	0	817		5325	-29	3	29			6887	-39	5	39		8791	-53	0			
14	4016	-23	0	80		5330	-31	1	73			6859	-43	6			8803	-54	2			
15	3897	-27	9	75 005	13	5168	-35	1	44	001	15	6708	-46	1	002	14	8618	-43	2	358	12	
16	3813	-33	1	73 116	06	5071	-41	6	079	04	05	6573	-44	2	057	07	8520	-38	1	046	10	
17	3827	-27	3	37		5121	-34	8	40			6649	-44	2			8538	-47	2			
18	3859	-22	2	78		5174	-31	4	77			6719	-42	0			8621	-52	7			
19	3831	-22	3	48 032	10	5144	-32	6	42	023	13	6680	-43	4	020	20	8583	-47	0			
20	3791	-27	2	80 324	06	5076	-37	9	73	294	06	6586	-45	3	328	08	8518	-39	8	030	05	
21	3844	-30	9	39 090	19	5125	-35	6	A21			6658	-41	0			8578	-45	8			
22	3949	-23	6	51 108	12	5262	-32	9	48	108	16	6803	-42	6	107	17	8701	-53	8	104	14	
23	3952	-22	1	A11 093	05	5276	-29	4	A19	064	06	6827	-41	9	029	05	8723	-54	8	022	03	
24	3946	-23	1	81 353	05	5263	-30	0	A20	340	06	6815	-41	0	350	12	8721	-53	2	333	08	
25	3947	-21	8	A18		5261	-32	2	30			6793	-45	0			8661	-57	3			
26	3984	-25	4	36 026	05	5285	-34	2	48	004	04	6811	-45	0	316	02	8685	-55	1	279	03	
27	4023	-27	2	74 014	09	5315	-35	1	05	030	07	6839	-44	9	035	06	8714	-55	3	023	09	
28	4029	-24	9	52 015	16	5331	-33	4	41	011	20	6862	-44	4			8741	-55	5			
29	3986	-27	3	50 045	05	5281	-34	5	30	065	04	6805	-45	0	075	03	8673	-57	3	070	05	
30	3974	-26	9	46 075	02	5268	-35	1	50	107	03	6790	-45	1	099	05	8663	-56	0	108	07	
MN	3969	-23	1	53		5283	-31	4	50	8	06	6829	-41	8	52	18	07	8733	-51	5		

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

Z	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	11502	-46	4	104	08	13409	-46	3	108	04	16116	-44	3	120	04	18502	-45	1	129	03
02	11555	-49	7	130	05	13452	-47	6	136	05	16142	-46	5	202	03	18512	-45	6	208	03
03	11562	-48	1	122	02	13463	-46	9	208	03	16158	-46	5	009	05	18532	-45	2	213	06
04	11495	-46	2	170	02	13410	-45	4	179	04	16119	-45	3	247	05	18456	-46</			

ISACHSEN, N.W.T.

SEPTEMBER 1961

STATION INSTRUMENTATION

 USWB type radiosonde, SCR658 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. 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	20748	-45.7		187 04	24139	-48.1		170 02	26823	-46.9		221 03				
02	20756	-46.3		201 04	24136	-47.2		234 02	26823	-46.9		239 01				
03	20769	-46.9		239 04	24151	-47.6		234 01	26836	-45.5						
04	20729	-47.0		213 05	24108	-46.8		253 04								
05	20689	-46.8		241 05												
06	20764	-46.8			24057	-47.6			26734	-46.8						
07	20764	-46.8			24152	-46.3			26842	-46.7						
08	20661	-47.7		208 02	24025	-47.8		238 03	26709	-47.0		258 07				
09	20709	-47.9		186 01	24082	-48.8		000 00	26760	-46.6		229 03	31380	-42.8		284 05
10	20674	-47.7			24044	-48.3			26716	-47.7						
11	20678	-47.7		256 02												
12	20638	-49.3		334 02	23978	-49.8		263 04	26637	-48.9		215 03				
13	20581	-51.2			23897	-53.0			26526	-50.0						
14	20621	-50.9			23937	-51.6			26571	-50.7						
15	20621	-50.1			23937	-52.8			26565	-51.1			31123	-46.9		
16	20556	-51.0			23872	-52.5			26498	-50.8						
17	20529	-50.2			23838											
18	20479	-51.4			23791	-52.8			26418	-51.7						
19	20457	-51.8			23753	-52.7			26380	-51.5						
20	20463	-52.3			23771	-52.8			26386	-51.9						
21	20471	-51.6			23767	-53.6			26377	-52.7						
22	20498	-52.2			23789	-54.0			26396	-53.4						
23	20419	-52.5		274 02	23705											
24	20368	-53.1		291 04	23644	-54.8		330 03	26237	-55.2		277 11				
25	20348	-52.5		314 05	23631	-54.8		308 04	26216	-55.8		291 09				
26	20657	-53.0		300 08	23667	-54.6		304 09	26241	-55.2		285 07				
27	20413	-52.8		284 10	23674	-54.7		284 11	26286	-57.0		268 13				
28	20396	-53.0		277 07	23664	-56.1		268 09	26236	-56.2		270 13	30666	-53.6		
29	20432	-53.4		247 07	23702	-55.1		262 06	26278	-58.2		260 10				
30	20400	-52.9		217 10	23668	-56.8		225 07	26232	-57.9		248 07				
MEAN	20563	-50.1			23878	-51.6			26496	-51.5			31056	-47.8		

00 GMT.

SPECIAL AEROLOGICAL DATA

Day	SURFACE SYNOPSIS DATA						FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL			
	M	W	W	W	W	W	Alt. gpm.	Pres. mb.	Alt. gpm.	Pres. mb.	Alt. gpm.	Pres. mb.	Temp. °C	° A	Alt. gpm.	Pres. mb.	Temp. °C	° A	Alt. gpm.	Pres. mb.	Velocity deg. mps.	
01	66200	10	7	07	0							1 09 63	265	-55	0	318	0			9 00 03	010	09
02	76300	02	2	07	0							1 10 28	244	-60	1	319	0			9 08 79	307	188
03	21101	01	2	03	0							1 10 12	250	-59	0	318	0			9 09 41	279	026
04	854	02	0	01	0							2 08 83	300	-52	8	311	0			9 06 83	406	085
05	854	02	7	09	0							2 08 30	300	-52	2	312	0			9 07 75	351	134
06	40840	38	2	14	0							1 09 25	280	-56	4	312	0			1 01 64	816	346
07	25540	01	2	06	0							1 09 88	257	-58	0	317	0			1 03 63	635	343
08	26200	76	6	03	0							1 09 88	256	-59	1	316	0			9 03 80	620	324
09	864	70	0	09	0							1 09 18	285	-56	0	311	0			9 06 61	420	329
10	75600	02	4	00	0							1 09 81	258	-57	6	317	0			1 09 25	283	342
11	863	70	2	05	0							1 09 27	280	-56	5	312	0			9 07 75	354	268
12	854	70	7	08	0							1 08 84	297	-54	1	310	0			9 07 21	380	289
13	9-0	10	8	08	0							1 09 00	290	-55	9	309	0			6 12 15	180	354
14	2442	38	2	07	0							2 08 96	292	-55	8	309	0			2 00 49	955	358
15	863	10	8	09	0							1 08 79	296	-51	8	313	0			3 04 81	533	353
16	854	02	4	00	0							1 07 65	345	-50	1	302	0			4 06 62	403	209
17	25501	02	6	07	0							2 06 30	419	-46	2	291	0			1 06 81	388	076
18	65400	44	8	06	0							1 09 27	271	-52	0	321	0			0		
19	854	02	7	08	0							2 08 36	312	-51	3	309	0			4 06 62	405	039
20	862	02	2	08	0							2 07 28	364	-48	9	299	0			4 06 43	412	014
21	26441	02	2	15	0							1 07 15	370	-45	7	302	0			3 06 17	427	118
22	75400	02	2	11	0							1 08 55	304	-51	4	312	0			3 05 11	508	102
23	854	02	2	07	0							1 09 01	286	-57	0	309	0			9 08 62	304	093
24	66300	71	1	01	0							1 09 38	268	-57	8	314	0			9 01 18	865	356
25	9-0	45	1	03	0							1 09 20	275	-57	5	312	0			9 26 79	018	293
26	25400	37	2	11	0							1 08 69	298	-57	1	306	0			9 01 49	839	034
27	27300	44	3	08	0							1 08 96	288	-56	5	309	0			9 28 40	014	273
28	60870	71	2	13	0							1 09 06	284	-59	0	307	0			1 30 55	010	273
29	65600	10	0	00	0							1 09 36	271	-57	9	313	0			9 02 58	731	017
30	867	02	2	02	0							1 09 11	279	-57	8	310	0			1 27 64	016	233
MEAN												08 93	293	-54	9	311						

CONSTANT PRESSURE DATA

12 GMT.

Day	50 MBS				30 MBS				20 MBS				10 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	20706	-46.3		171 04	24096	-46.6		217 02	26796	-44.0		243 03				
02	20757	-46.0		214 05	24143	-48.0		198 03	26826	-46.5		246 08				
03	20769	-46.8		058 05	24139	-46.8		014 04	26741	-45.2						
04	20695	-46.3		242 10	24074	-47.9		242 03	26762	-45.9		345 03				
05	20709	-45.9		207 03	24103	-47.0		251 02								
06	20760	-45.9														
07	20714	-47.0		214 05	24100	-46.0		193 04	26798	-47.2		272 03				
08	20657	-48.6		155 03	24019	-48.3		168 02	26698	-46.3		126 05	31332	-41.3		009 07
09	20695	-46.9			24081	-47.1			26762	-47.8						
10	20723	-47.4		230 02	24089	-48.6		226 05	26770	-47.5		248 05	31419	-43.2		
11	20681	-48.7		313 01	24035	-49.3		235 03	26688	-49.6		250 02				
12	20620	-49.9		345 03	23946	-50.0		277 01	26601	-49.2		251 03				
13	20650	-49.7			23977	-51.5			26625	-48.7						
14	20622	-51.2			23941	-52.2			26581	-50.8						
15	20505															
16	20550	-49.7		125 01	23869	-52.7		195 02	26500	-49.9		170 04				
17	20485	-50.8			23794	-53.1			26422	-50.7						
18	20437	-51.2			23739	-53.2										
19	20495	-51.0			23801	-53.4			26425	-50.8			30991	-45.6		
20	20454	-51.4		007 03	23748	-53.1		055 01	26371	-53.7		256 02				
21	20438	-52.7			23721	-54.5			26326	-53.6			30836	-46.4		
22	20450	-52.7			23734	-53.9			26339	-53.8						

ISACHSEN, N.W.T.

OCTOBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR65B RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74074 78°47'N 103°32'W 30 METERS

CONSTANT PRESSURE DATA

00 GMT.

CONSTANT PRESSURE DATA

00 GMT.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include altitude, temperature, RH, and wind data for various pressure levels.

CONSTANT PRESSURE DATA

12 GMT.

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include altitude, temperature, RH, and wind data for various pressure levels.

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

Commencing October 17, 12 GMT, the USWB 1680 mc "unshielded" type radiosonde and GMD 1A RDF tracking equipment were used for all ascents.

ISACHSEN, N.W.T.

OCTOBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR558 RDF tracking equipment

INDEX No. 74074 LATITUDE 78°47'N LONGITUDE 103°32'W ELEVATION 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	3983	-28	0	32	104	05	5271	-35	8	30	097	08	6788	-46	4	089	11	8652	-55	1	093	15	
02	3929	-28	9	56	114	03	5271	-37	2	33	128	06	6721	-47	6	098	07	8597	-50	6	093	08	
03	3915	-29	3	35	132	06	5199	-36	4	A21	142	07	6716	-45	8			8589	-51	0			
04	3878	-28	6	54	084	04	5164	-39	8	A21	093	12	6689	-43	8			8589	-51	8			
05	3897	-23	6	54	050	06	5206	-31	7	70	077	09	6752	-41	6			102	10	8648	-54	8	
06	3846	-24	4	74	025	02	5152	-32	7	80	025	06	6689	-42	6			023	17	8576	-55	6	
07	3822	-29	1	71	081	12	5109	-35	3	A21	067	22	6642	-42	3			061	33	8556	-50	0	
08	3831	-32	0	63	072	14	5095	-39	3	48	080	16	6603	-46	2			057	23	8507	-45	4	
09	3855	-28	3	70	104	10	5144	-35	1	45	123	08	6668	-45	4			124	11	8536	-56	6	
10	3840	-27	5	77	090	06	5128	-36	6	74	099	10	6637	-47	6					8492	-56	5	
11	3813	-30	1	82	050	08	5086	-39	1	71	094	12	6585	-48	3			069	12	8452	-52	2	
12	3755	-34	3	55	170	04	5005	-43	8		254	07	6483	-50	2			299	13	8375	-44	4	
13	3773	-33	4	74	184	15	5034	-40	1	173	19	6528	-49	4			183	12	8388	-54	4		
14	3720	-37	6	75	166	12	4963	-42	8	158	23	6445	-50	3			152	24	8310	-49	8		
15	3750	-35	5	74	058	12	5004	-41	4	071	16	6490	-49	9			065	20	8349	-51	6		
16	3852	-30	8	81	394	09	5124	-38	9	74	355	10	6619	-49	9			360	14	8449	-59	4	
17																							
18	3827	-34	6	A21	060	07	5078	-43	9	095	11	6548	-52	5			034	11	8372	-54	7		
19	3816	-33	3	67	322	06	5077	-39	9	338	11	6568	-50	1			354	16	8404	-56	3		
20	3938	-27	1	74	327	16	5231	-35	3	75	335	10	6750	-46	0			330	17	8601	-59	4	
21	3950	-28	3	40	350	06	5234	-37	2	47	331	06	6744	-46	5			336	07	8605	-57	8	
22	3922	-28	6	34	357	06	5208	-36	7	35	360	04	6727	-45	4			006	-01	8594	-56	4	
23	3923	-25	7	39	001	07	5222	-33	9	52	121	03	6753	-44	0			094	06	8630	-54	2	
24	3943	-20	2	A17	045	01	5273	-29	1	59	129	04	6830	-41	3			132	05	8725	-55	2	
25	3871	-24	6	78	360	12	5178	-32	6	73	011	08	6715	-43	8			004	10	8596	-56	8	
26	3859	-23	6	58	310	05	5166	-33	6	A20	027	06	6592	-44	4			295	04	8571	-55	4	
27	3910	-24	5	A18	271	10	5218	-32	7	A20	137	11	6754	-43	8			298	12	8638	-56	4	
28	3932	-29	1	81	198	15	5211	-32	1	171	19	18	6710	-50	0			208	15	8572	-53	1	
29	3948	-21	8	79	119	05	5274	-28	2	76	198	23	6836	-40	2			192	33	8735	-56	0	
30	3940	-24	7	31	244	09	5240	-34	7	A21	213	17	6770	-44	6			215	26	8661	-54	9	
31	4007	-24	7	60	132	04	5318	-30	3	72	174	12	6878	-39	5			73	182	25	8787	-54	6
MN	3875	-28	5	57			5161	-36	3	50	108	03	6678	-46	0			73	84	04	8552	-54	2

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	11314	-46	0	102	08	13225	-46	7	159	02	15908	-48	1	178	08	18249	-50	1	182	06		
02	11285	-45	2	138	05	13207	-44	9	137	04	15907	-46	9	165	07	18262	-49	2	180	10		
03	11254	-46	3			13165	-46	3			15857	-47	4			18204	-50	3				
04	11227	-48	2			13120	-48	6			15782	-49	2			18110	-52	0				
05	11244	-49	7	128	07	13129	-49	6	121	08	15791	-49	6	124	05	18114	-51	9	136	06		
06	11228	-47	2	098	05	13123	-48	5	080	05	15783	-50	3	142	03	18103	-52	0	160	05		
07	11216	-50	6			13106	-49	3			15752	-51	4			18060	-53	7				
08	11202	-48	4			13090	-49	9			15730	-51	9			18033	-53	7				
09	11155	-49	8			13038	-49	1			15687	-51	1			17999	-52	7				
10	11120	-48	8			13005	-50	0			15647	-52	4			17944	-54	5				
11	11115	-48	9	144	11	13003	-49	2			15647	-52	7			17940	-54	5				
12	11089	-46	5			12986	-49	5			15633	-52	1			17924	-55	8				
13	11059	-47	7	176	08	12950	-49	9	176	02	15592	-52	7	239	05	17885	-55	1	219	05		
14	10991	-47	6	239	08	12884	-49	3	204	09	15526	-51	6	231	05	17825	-54	9	200	06		
15	11029	-47	6			12920	-48	5			15544	-52	0			17855	-55	0				
16	11059	-50	8	346	04	12931	-51	6	319	06	15552	-53	4	327	09	17830	-57	1	290	08		
17																						
18	11027	-49	6	328	04	12910	-49	8	355	04	15549	-53	0	305	04	17828	-56	7	300	05		
19	11047	-50	1	342	07	12923	-50	3	324	05	15560	-52	6	308	07	17844	-57	1	293	07		
20	11171	-52	8	307	12	13038	-52	0	303	09	15663	-52	8	284	08	17942	-57	1	278	11		
21	11214	-51	7	298	04	13090	-51	4	308	04	15721	-53	1	296	08	18005	-55	8	297	13		
22	11220	-50	0	210	02	13100	-50	6	217	02	15731	-53	3	292	05	18023	-55	2	301	10		
23	11254	-51	0	088	04	13128	-51	0	107	01	15765	-51	9	304	04	18060	-55	2	284	12		
24	11294	-52	2	144	02	13165	-50	1	272	04	15809	-52	1	288	14	18104	-55	0	266	11		
25	11232	-47	9	227	04	13128	-48	5	212	07	15791	-50	4	233	07	18085	-55	8	252	12		
26	11204	-46	5	258	08	13091	-50	6	220	07	15730	-50	6	233	11	18038	-54	7	247	14		
27	11204	-51	6	242	09	13076	-51	2	238	08	15709	-51	4	236	12	18017	-53	6	267	18		
28	11215	-50	3	222	18	13095	-49	2	221	18	15734	-53	2	230	21	18032	-55	3	229	23		
29	11303	-53	4	214	27	13159	-52	8	212	27	15770	-54	1	230	27	18053	-55	2	234	22		
30	11254	-51	4	219	23	13115	-53	5	220	16	15723	-54	4	236	18	18017	-55	9	241	17		
31	11324	-58	1	198	24	13150	-56	6	209	16	15715	-57	9	238	16	17959	-59	0	236	16		
MN	11185	-49	6	212	05	13068	-50	0	217	05	15711	-51	8	247	07	18011	-54	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. 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	3940	-28	3	47	094	05	5226	-36	7	65	080	10	6738	-46	2	114	11	8613	-54	7	117	13
02	3928	-29	8	30	174	07	5209	-36	9	A22	191	10	6724	-46	0	182	12	8602	-53	1	182	09
03	3898	-30	0	73	132	11	5179	-36	1	38	134	19	6698	-45	6	159	16	8572	-53	6	125	10
04	3866	-23	0	54	163	09	5208	-31	9	56	136	12	6754	-40	6	128	20	8639	-53	4	114	21
05	3864	-20	0	75	014	07	5177	-32	0	77	040	09	6713	-44	6	061	11	8589	-54	9	063	10
06	3827	-23	7	43	112	06	5132	-33	7	34												

ISACHSEN, N.W.T.

NOVEMBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Z	SURFACE				1000 MBS				950 MBS				900 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	1012	-11	2	88 180	06	0117	-11	0	81	098	06	0520	-12	1	82	144	04	0923	-13	4	85	156	06
02	1019	-24	7	70 000	00	0170	-14	3	70	-	0566	-14	9	75	310	06	0973	-15	2	83	-	-	-	-
03	1020	-28	3	53 070	02	0172	-25	4	62	058	02	0560	-12	0	71	204	04	0961	-15	4	68	241	09	
04	1018	-29	2	72 090	02	0161	-22	4	71	160	03	0540	-21	0	71	204	04	0937	-23	1	76	190	05	
05	1012	-31	1	30 340	01	0113	-26	9	54	347	04	0490	-24	3	71	002	09	0879	-25	6	78	024	05	
06	1009	-30	8	59 000	00	0092	-30	5	59	-	0460	-26	6	70	-	-	-	0854	-22	3	82	-	-	
07	1010	-33	7	53 350	04	0102	-33	0	60	350	04	0470	-25	0	76	352	10	0861	-25	0	77	349	12	
08	1009	-35	4	26 000	00	0094	-31	1	35	-	0465	-25	5	53	-	-	-	0857	-25	7	62	-	-	
09	1007	-32	2	58 090	04	0078	-31	2	65	092	05	0450	-24	8	67	152	11	0840	-24	7	72	150	09	
10	1002	-31	8	71 080	05	0046	-31	8	71	082	05	0415	-31	3	76	146	07	0797	-27	1	78	150	08	
11	1004	-33	8	70 140	01	0060	-33	6	70	145	02	0430	-31	7	67	173	08	0805	-30	1	65	170	11	
12	1010	-39	4	175 05	09	0095	-38	2	70	179	04	0460	-30	9	65	211	10	0840	-28	3	71	231	10	
13	1004	-31	2	61 090	03	0074	-30	10	62	100	03	0450	-22	8	69	150	06	0844	-21	3	51	160	10	
14	0996	-25	1	63 000	00	-001	-	-	-	-	0380	-22	0	70	-	-	-	0779	-20	4	76	-	-	
15	1000	-31	9	61 110	02	0032	-31	3	61	110	02	0420	-20	4	73	202	10	0804	-21	3	79	208	12	
16	0994	-15	6	69 220	05	-019	-	-	-	-	0370	-17	5	82	236	15	0772	-17	2	83	246	18		
17	0997	-20	0	75 160	13	0007	-	-	-	-	0390	-20	4	80	174	27	0797	-23	2	60	192	23		
18	0990	-16	1	61 190	05	-047	-	-	-	-	0350	-19	2	72	164	08	0739	-20	4	79	173	03		
19	1000	-23	1	74 360	09	0032	-23	1	74	360	09	0410	-20	2	75	005	04	0810	-21	6	78	329	03	
20	1003	-30	5	53 350	05	0050	-30	0	55	352	04	0430	-24	1	72	040	03	0817	-22	6	78	030	03	
21	1007	-40	5	150 01	00	0077	-35	6	170	02	0450	-29	4	59	278	07	0825	-28	0	64	275	07		
22	1015	-31	6	42 130	03	0137	-30	5	49	138	04	0510	-27	1	69	172	06	0896	-26	3	72	176	07	
23	1017	-27	6	60 190	08	0150	-24	6	61	198	10	0530	-19	0	68	210	13	0933	-16	3	46	216	16	
24	1023	-27	1	61 135	06	0197	-23	3	63	150	13	0580	-19	0	62	178	16	0980	-18	0	57	194	14	
25	1020	-21	9	56 100	07	0174	-21	9	61	135	13	0560	-15	7	75	192	18	0962	-16	3	84	196	16	
26	1020	-15	1	78 170	07	0119	-15	6	79	171	11	0570	-17	1	83	178	14	0967	-20	9	88	182	17	
27	1012	-23	0	67 080	07	0115	-23	2	69	079	06	0490	-23	5	77	055	05	0887	-20	6	83	026	03	
28	1024	-20	7	79 310	05	0208	-22	2	81	313	05	0580	-20	6	85	329	04	0984	-17	3	68	321	04	
29	1028	-22	5	74 190	11	0228	-23	0	82	203	12	0620	-18	8	82	229	15	1012	-16	4	87	237	17	
30	1034	-23	1	72 190	07	0270	-22	9	73	195	18	0660	-14	3	55	209	26	1065	-12	8	30	212	25	
MN	1011	-26	7	63		105	-26	4	65		486	-21	9	72		880	-20	9	72					

Z	850 MBS				800 MBS				750 MBS				700 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	1356	-16	0	86 158	06	1812	-18	0	86	158	06	2300	-20	5	85	156	06	2800	-23	9	83	162
02	1403	-17	4	83	-	1856	-20	2	79	018	06	2340	-23	0	74	329	06	2837	-21	3	57	250	06
03	1392	-17	2	67 146	04	1845	-20	0	67	090	02	2320	-20	6	52	014	04	2832	-21	4	36	256	05
04	1355	-22	0	80 200	05	1805	-20	8	84	200	05	2280	-22	9	84	168	03	2785	-24	2	78	183	06
05	1294	-24	6	79 329	05	1736	-25	7	81	301	10	2210	-28	5	81	313	11	2693	-31	4	81	301	10
06	1273	-23	5	80	-	1716	-25	6	81	-	10	2190	-28	0	80	-	10	2675	-30	6	79	343	10
07	1275	-26	8	77 342	10	1714	-27	0	76	333	10	2190	-28	6	74	324	09	2670	-31	1	71	328	10
08	1270	-26	8	64	-	1707	-28	1	67	-	10	2180	-29	4	71	236	05	2660	-31	4	71	250	07
09	1256	-25	4	73 148	07	1695	-27	1	75	143	08	2160	-29	0	78	136	09	2651	-30	5	79	135	05
10	1208	-28	7	79 142	12	1641	-30	0	78	138	15	2100	-31	1	77	129	15	2587	-33	0	76	131	16
11	1211	-31	3	68 163	11	1640	-33	1	71	160	14	2100	-35	1	73	164	12	2571	-37	1	76	165	14
12	1250	-28	6	72 235	11	1685	-29	4	72	234	14	2160	-30	5	73	234	16	2633	-31	7	73	236	19
13	1266	-21	4	35 169	10	1713	-22	9	36	180	10	2190	-25	1	58	192	10	2685	-26	8	64	198	12
14	1201	-22	0	78	-	1646	-24	6	80	-	10	2120	-24	4	79	-	10	2617	-26	9	78	-	-
15	1224	-23	7	81 210	14	1667	-25	3	79	212	13	2150	-27	1	77	216	10	2629	-30	7	76	227	10
16	1200	-18	3	83 252	23	1653	-18	4	83	255	26	2140	-19	4	84	255	29	2645	-21	6	84	255	34
17	1231	-15	0	86 194	18	1669	-16	3	83	188	21	2180	-17	8	29	198	28	2687	-19	2	27	190	12
18	1164	-17	2	83 184	07	1621	-15	8	87	187	06	2110	-18	1	88	208	06	2618	-21	4	87	204	06
19	1229	-23	5	81 336	02	1675	-21	4	84	302	02	2160	-21	6	84	255	03	2659	-23	7	83	305	04
20	1234	-23	8	79 310	05	1678	-23	7	66	257	01	2150	-24	2	68	205	03	2650	-26	0	88	330	05
21	1235	-28	6	66 268	06	1670	-29	0	67	265	06	2140	-30	4	63	265	05	2619	-32	1	98	258	08
22	1310	-29	0	71 174	09	1755	-25	4	72	196	12	2225	-27	0	75	239	10	2717	-27	0	75	265	11
23	1364	-18	4	816 223	18	1822	-16	4	817 238	14	2310	-19	8	817 239	14	2815	-23	2	27	235	14		
24	1408	-17	0	88 189	22	1852	-18	4	27	181	18	2340	-21	6	31	181	18	2845	-25	4	84	188	

ISACHSEN, N.W.T.

NOVEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No. 74074 LATITUDE 78°47'N LONGITUDE 103°32'W ELEVATION 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	3918	-27.4	77	172	09	5213	-33.9	71	181	16	6754	-42.5	5	190	25	8649	-52.2	190	17	
02	3969	-25.4	A18	255	08	5271	-33.2	A20	219	11	6801	-44.5	5	218	17	8682	-55.7	217	30	
03	3961	-26.0	A19	255	04	5261	-33.9	A21	215	06	6790	-44.4	4	218	10	8659	-58.6	213	11	
04	3895	-30.4	52	177	08	5179	-36.8	A22	213	10	6691	-46.7	3	208	16	8563	-55.3	202	12	
05	3793	-34.6	80	333	06	5039	-41.2	022	18	6525	-49.7	1	003	15	8417	-45.8	3	272	05	
06	3763	-33.9	59	345	13	5025	-40.0	35	334	12	6515	-50.4	4	326	12	8369	-52.4	4	316	10
07	3752	-36.5	65	336	17	4998	-43.2	3	330	15	6475	-51.7	7	303	11	8325	-52.6	6	308	08
08	3741	-34.6	72	259	08	4984	-44.1	1	255	10	6459	-50.3	3	261	10	8321	-50.3	3	251	07
09	3735	-36.3	73	146	06	4982	-43.0	0	153	08	6460	-51.2	2	150	09	8316	-51.9	9	193	08
10	3655	-40.2	129	14	4886	-45.3	0	131	22	6356	-50.9	9	150	09	8238	-47.0	0	175	07	
11	3633	-39.3	180	12	4867	-45.4	4	179	17	6346	-48.0	4	194	13	8250	-46.3	0	190	12	
12	3711	-36.8	64	241	22	4957	-42.8	8	237	42	6441	-49.2	2	239	41	8297	-54.1	1	234	31
13	3780	-33.6	69	205	16	5040	-41.0	0	212	20	6525	-51.3	2	204	25	8362	-57.4	4	250	30
14	3711	-34.7	77	-	4959	-44.5	9	259	09	6426	-52.7	7	171	12	8278	-52.8	8	194	14	
15	3714	-36.2	78	244	12	4963	-41.7	7	255	09	6447	-51.4	4	290	05	8301	-52.9	9	300	09
16	3773	-27.7	79	258	32	5061	-36.4	73	265	24	6570	-46.2	2	266	31	8420	-57.2	7	269	39
17	3824	-24.9	53	196	06	5128	-33.4	A20	225	08	6665	-43.0	0	233	11	8544	-57.3	3	226	09
18	3743	-27.6	82	216	05	5029	-37.3	76	210	08	6540	-45.8	8	216	09	8441	-55.0	0	216	12
19	3775	-29.5	79	266	04	5052	-38.3	72	215	07	6555	-48.7	7	223	11	8401	-58.0	0	217	10
20	3754	-31.6	57	191	07	5019	-40.7	7	199	07	6503	-50.2	2	200	13	8335	-59.5	5	206	12
21	3696	-37.9	237	08	4934	-44.6	6	230	05	6406	-50.9	2	215	09	8251	-53.3	3	218	12	
22	3815	-33.0	73	280	16	5071	-42.6	6	278	22	6542	-53.2	2	285	25	8353	-61.8	8	286	17
23	3925	-31.6	30	240	17	5189	-40.4	4	247	19	6673	-51.8	8	244	19	8483	-64.4	4	247	16
24	3946	-33.0	37	188	19	5205	-42.2	2	190	24	6679	-53.4	4	198	22	8492	-61.7	7	238	10
25	3912	-33.9	71	231	09	5165	-42.8	8	205	14	6646	-49.9	9	261	09	8471	-63.2	2	271	09
26	3907	-34.6	63	177	07	5158	-42.6	6	175	08	6638	-50.7	7	171	12	8454	-63.5	9	180	08
27	3920	-35.2	80	120	10	5067	-44.0	0	127	11	6559	-53.5	3	103	14	8349	-60.8	8	096	06
28	3939	-33.0	A20	338	06	5204	-39.2	A22	358	12	6702	-48.3	3	009	20	8582	-54.6	6	012	42
29	4043	-23.4	82	342	19	5357	-30.2	77	352	24	6912	-39.0	0	355	31	8856	-51.1	1	358	39
30	4148	-20.6	65	236	09	5474	-28.6	61	248	18	7052	-36.2	A21	280	16	8981	-52.0	0	295	15
MN	3825	-32.2	62	-	5091	-39.8	48	227	07	6588	-48.6	6	21	236	09	8446	-55.3	-	244	08

00 GMT.

CONSTANT PRESSURE DATA

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	11255	-54.0	0	194	14	13099	-54.9	9	218	10	15670	-58.7	8	227	11	17895	-61.9	9	263	08
02	11257	-55.5	0	202	13	13091	-56.8	8	207	07	15637	-58.1	0	249	06	17883	-61.9	9	290	06
03	11226	-54.0	0	198	09	13073	-54.0	0	210	07	15669	-56.0	0	282	07	17922	-59.0	0	302	12
04	11193	-50.0	0	234	10	13075	-50.4	4	260	12	15711	-52.3	3	293	16	18004	-55.9	9	310	24
05	11126	-45.1	0	244	09	13040	-46.7	7	247	09	15717	-49.4	4	273	11	18040	-52.6	6	283	15
06	11044	-44.9	0	262	05	12949	-44.6	6	256	07	15636	-47.7	5	270	12	17975	-51.4	4	280	14
07	10998	-46.9	9	261	03	12944	-47.5	5	257	06	15570	-49.5	5	283	08	17888	-53.2	2	266	14
08	11007	-46.6	6	300	02	12914	-47.1	1	238	04	15580	-50.3	3	293	03	17896	-53.0	0	278	08
09	10981	-46.6	6	098	03	12879	-49.0	0	295	03	15520	-52.5	5	290	03	17811	-55.4	4	288	06
10	10926	-47.8	8	244	05	12823	-48.8	8	295	08	15464	-52.9	9	205	07	17748	-56.1	1	296	10
11	10946	-46.7	7	187	10	12846	-46.3	6	190	09	15462	-53.0	0	225	10	17767	-55.9	9	253	11
12	10943	-48.5	5	219	20	12833	-50.0	7	197	12	15470	-52.6	2	221	14	17760	-55.9	9	225	18
13	10982	-50.3	3	208	16	12862	-50.0	0	225	08	15502	-52.1	1	237	13	17799	-54.5	5	235	20
14	10940	-48.2	2	240	08	12835	-49.8	0	245	09	15487	-50.7	7	249	12	17800	-51.3	3	276	14
15	10958	-48.2	3	271	09	12850	-48.0	8	276	13	15574	-46.3	3	277	12	17854	-48.5	9	292	20
16	11038	-50.2	2	273	15	12912	-50.8	8	276	24	15574	-46.3	3	278	18	17922	-48.3	3	288	27
17	11114	-51.0	0	264	12	12995	-49.9	2	250	14	15669	-47.0	0	260	19	18011	-51.1	1	269	20
18	11017	-51.1	0	230	14	12890	-49.8	8	240	16	15548	-49.2	2	240	17	17878	-50.6	6	243	19
19	10984	-52.8	8	233	12	12847	-51.1	2	228	13	15496	-50.2	2	230	16	17808	-52.2	2	229	21
20	10926	-51.6	2	216	13	12805	-50.5	2	220	14	15449	-51.7	7	224	16	17754	-52.1	1	230	24
21	10902	-48.9	9	218	15	12793	-49.8	8	208	19	15445	-50.6	6	208	26	17764	-51.7	7	220	33
22	10926	-53.6	6	228	11	12787	-52.1	1	198	17	15399	-50.6	6	206	25	17708	-53.4	4	201	33
23	10986	-57.3	3	220	11	12813	-56.0	0	212	13	15397	-55.1	1	202	20	17673	-55.9	9	193	25
24	11026	-56.8	8	220	10	12843	-57.3	7	211	14	15412	-57.9	9	208	16	17658	-58.9	9	199	20
25	10978	-58.7	9	213	09	12792	-57.4	4	210	12	15347	-59.3	3	201	09	17592	-62.8	8	227	11
26	10965	-57.9	9	230	05	12786	-57.1	1	224	08	15340	-59.2	2	297	08	17556	-62.8	8	227	11
27	10912	-55.1	1	252	03	12746	-56.6	7	347	04	15400	-59.4	6	278	06	17508	-63.0	2	232	09
28	11105	-62.6	6	008	29	12886	-61.7	7	350	13	15387	-64.4	4	328	11	17580	-68.0	0	270	08
29	11363	-68.2	2	352	21	13101	-65.2	2	353	21	15561	-67.0	0	300	10	17686	-71.8	8	328	10
30	11494	-69.9	9	284	23	13199	-70.1	1	260	14	15620	-69.5	5	271	12	17749	-71.6	6	284	10
MN	11051	-52.7	7	244	07	12909	-52.8	8	240	08	15520	-54.2	2	243	10	17802	-56.4	-	-	-

CONSTANT PRESSURE DATA

12 GMT.

Day	600 MBS				500 MBS				400 MBS				300 MBS							
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. 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	3923	-27.9	73	195	09	5214	-35.0	54	205	07	6740	-44.4	4	208	10	8627	-53.5	5	199	11
02	3974	-25.0	A18	246	03	5280	-32.6	A20	204	08	6818	-43.1	3	195	14	8696	-57.0	8	190	17
03	3941	-27.0	54	184	04	5234	-35.4	66	155	06	6749	-47.7								

ISACHSEN, N.W.T.

DECEMBER 1961

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.

00 GMT. CONSTANT PRESSURE DATA

Day	SURFACE				1000 MBS				950 MBS				900 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	1033	-27.6	54	120	01	0268	-20.7	59	200	05	0660	-15.7	50	240	05	1061	-15.0	30	245	06
02	1021	-23.4	72	090	05	0181	-17.4	67	100	08	0580	-12.6	42	111	10	0988	-12.2	30	102	07
03	1018	-23.1	68	060	09	0161	-22.8	68	063	11	0540	-16.5	54	125	14	0944	-19.2	65	140	07
04	1006	-16.8	73	080	12	0072	-16.7	75	009	13	0465	-15.0	80	124	19	0867	-17.0	79	121	18
05	1006	-25.3	64	100	08	0077	-23.7	65	104	09	0460	-20.0	65	123	15	0849	-23.3	65	120	22
06	1003	-17.8	74	080	09	0053	-17.7	74	082	10	0430	-18.7	74	111	19	0897	-21.4	74	112	14
07	1011	-31.2	52	120	03	0105	-31.4	53	125	05	0470	-32.3	54	135	07	0849	-33.2	57	126	08
08	1024	-32.1	65	245	05	0196	-33.1	64	250	08	0560	-25.6	72	272	12	0956	-24.4	74	293	13
09	1036	-31.8	58	180	06	0277	-29.7	65	212	10	0650	-26.8	74	227	14	1036	-25.4	77	233	14
10	1027	-33.7	55	245	04	0218	-33.5	57	256	05	0590	-29.4	63	261	05	0968	-29.6	65	262	07
11	1031	-42.8	200	01	0240	-34.4	37	030	05	0610	-27.8	34	357	07	0995	-27.5	62	355	07	
12	1027	-33.3	63	360	05	0218	-30.6	64	358	10	0595	-27.1	67	354	15	0974	-26.6	68	353	16
13	1011	-36.6	60	160	02	0122	-32.0	60	170	03	0490	-25.2	64	205	06	0885	-23.9	52	225	06
14	0989	-28.3	77	130	15	-046				0320	-28.9	77	141	23	0709	-26.7	76	156	23	
15	0989	-33.3	67	070	07	-048				0320	-28.4	58	120	11	0701	-30.4	64	116	13	
16	1002	-33.2	54	360	10	0042	-32.9	57	359	10	0415	-28.6	66	359	10	0795	-29.8	69	305	11
17	0996	-34.1	72	350	23	0000				0370	-27.6	65	350	20	0755	-25.2	61	360	15	
18	1015	-37.1	44	090	06	0133	-35.3	43	098	08	0490	-35.2	47	114	13	0868	-34.3	45	108	14
19	1029	-35.3	60	080	07	0230	-30.3	61	116	11	0590	-32.3	62	142	14	0974	-32.9	62	140	13
20	1017	-33.1	34	000	00	0151	-30.6	33	021	02	0525	-21.5	29	095	03	0924	-23.4	29	098	03
21	1015	-34.8	61	160	09	0133	-35.4	61	085	12	0490	-36.7	60	148	20	0867	-34.2	58	142	19
22	1019	-34.4	61	190	07	0161	-35.5	63	188	09	0520	-37.5	68	187	12	0892	-34.1	71	195	10
23	1026	-39.9	090	02	0207	-37.9	9	130	05	0570	-39.9	43	184	09	0947	-39.3	58	200	10	
24	1026	-38.9	160	06	0207	-38.1	46	187	08	0585	-34.9	58	222	09	0943	-31.5	64	228	09	
25	1026	-42.8	000	00	0202	-39.2	0	000	00	0570	-29.8	45	269	05	0949	-28.1	57	292	06	
26	1031	-39.7	000	00	0247	-28.4	0	074	04	0620	-26.3	60	069	04	1009	-25.4	66	075	04	
27	1020	-26.0	68	060	11	0175	-23.5	69	080	14	0560	-22.1	77	108	18	0949	-23.0	78	109	14
28	1016	-36.4	33	150	02	0139	-36.3	33	151	05	0500	-32.2	42	158	13	0884	-27.4	54	164	14
29	1008	-41.7	150	03	0087	-41.7	156	04	0440	-37.3	48	180	09	0819	-30.3	61	176	10		
30	1009	-42.4	000	00	0089	-42.2	162	01	0435	-37.6	36	186	06	0812	-34.3	49	202	05		
31	0990	-33.9	62	360	13	-041				0320	-33.6	68	006	13	0710	-23.9	72	020	12	
MN	1015	-32.8	60		137	-30.8	57			507	-27.8	59			894	-26.6	61			

Day	850 MBS				800 MBS				750 MBS				700 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	1494	-13.9	9	A16	239	11	1957	-13.3	A16	239	10	2460	-15.3	A16	230	10	2965	-16.5	A17	232	11		
02	1424	-13.6	26	110	12	1887	-13.1	A16	125	09	2380	-14.8	A16	131	10	2897	-16.6	39	145	08			
03	1368	-20.1	60	130	05	1817	-21.1	58	127	09	2300	-22.0	56	120	10	2799	-23.1	53	147	12			
04	1293	-19.7	78	114	18	1742	-21.3	78	116	25	2220	-22.1	78	116	25	2723	-22.9	78	113	18			
05	1268	-22.3	63	127	14	1714	-23.5	70	126	16	2190	-23.4	41	131	14	2687	-26.7	45	145	11			
06	1256	-24.2	74	106	19	1697	-16.4	75	101	17	2170	-29.9	77	111	18	2649	-32.0	75	112	19			
07	1250	-34.6	57	120	09	1673	-36.2	58	115	09	2130	-37.8	59	113	08	2593	-40.0		119	08			
08	1371	-25.9	70	300	16	1810	-27.6	67	303	16	2280	-30.5	69	295	17	2761	-31.2	73	299	19			
09	1449	-27.4	81	230	17	1886	-28.0	81	238	15	2350	-29.0	80	249	15	2841	-30.0	78	256	13			
10	1374	-31.1	67	261	08	1803	-32.7	70	256	08	2260	-34.9	71	254	10	2794	-37.3	72	254	12			
11	1406	-28.4	66	002	08	1840	-29.9	69	008	09	2290	-31.6	65	013	07	2784	-33.7	55	029	09			
12	1390	-25.6	66	553	15	1890	-26.6	62	551	15	2300	-28.0	59	591	17	2790	-30.9	59	558	19			
13	1502	-25.4	32	237	06	1746	-24.1	A18	258	07	2350	-25.1	A18	268	08	2780	-26.8	A19	276	09			
14	1128	-22.5	78	156	27	1574	-23.0	76	151	28	2050	-24.2	75	150	28	2548	-24.8	81	150	24			
15	1109	-28.4	64	153	09	1543	-30.6	65	118	07	2060	-31.8	68	113	10	2408	-32.2	70	120	08			
16	1201	-31.1	72	008	14	1630	-32.4	75	007	16	2095	-33.2	75	015	14	2568	-34.8	71	028	13			
17	1169	-26.0	59	007	15	1608	-27.2	57	012	16	2080	-28.5	54	010	19	2565	-29.7	52	018	19			
18	1269	-33.7	39	100	13	1695	-33.5	35	088	14	2160	-34.2	A21	078	20	2631	-34.0	A21	071	24			
19	1378	-31.4	64	144	13	1808	-32.0	66	148	13	2280	-30.4	65	142	10	2753	-33.1	62	145	09			
20	1343	-33.1	39	089	08	1787	-24.6	58	100	08	2260	-26.1	68	107	08	2759	-27.6	77	110	10			
21	1265	-34.9	56	135	12	1689	-34.1	54	125	15	2150	-35.4	48	114	14	2618	-37.1	41	108	14			
22	1293	-34.1	70	208	09	1717	-35.7	70	211	10	2180	-37.6	69	215	09	2658	-39.9	68	219	09			
23	1354	-29.9	67	203	10	1787	-30.4	70	209	08	2280	-30.9	74	222	09	2784	-31.6	73	228	08			
24	1349	-30.7	67	239	06	1780	-31.4	69	245	06	2230	-32.5	70	238	06	2720	-35.2	72	226	06			
25	1360	-40.8	000	00	0605	-38.6	000	00	0797	-28.0	72	313	06	2260	-29.5	75	306	08	2750	-31.9	74	312	08
26	1425	-24.4	65	097	03	1866	-26.4	58	151	02	2395	-28.7	51	165	03	2822	-31.0	43	170	03			
27	1367	-24.1	77	110	14	1810	-23.6	76	092	12	2280	-24.4	77	095	10	2783	-24.1	76	115	10			
28	1296	-26.4	59	165	13	1735	-26.8	54	166	13	2210	-27.8	48	169	17	2694	-29.4	44	169	19			
29	1227	-30.0	62	167	08	1659	-30.8	62	160	09	2120	-31.7	62	165	11	2603	-32.7	62	164	11			
30	1214	-32.4	56	209	07	1643	-32.7	55	208	08	2100	-33.0	54	218	08	2582	-33.3	54	230	17			
31	1127	-23.4	76	022	09	1570	-25.0	75	042	05	2040	-26.4	75	053	07	2534	-29.1	75	080	06			
MN	1307	-26.9	61	135	03	1745	-27.2	61			2214	-28.7	59			2701	-30.3	59	141	03			

CONSTANT PRESSURE DATA 12 GMT.

12 GMT. CONSTANT PRESSURE DATA

Day	SURFACE				1000 MBS				950 MBS				900 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.

ISACHSEN, N.W.T.

DECEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDP tracking equipment

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

CONSTANT PRESSURE DATA 00 GMT.

Z	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	4124	-18	0	A17 207	11	3465	-26	2	A19 188	12	7045	-37	7	A22 200	10	8964	-53	1	188	06		
02	4045	-21	9	36 163	11	5368	-29	3	A19 150	12	6925	-40	5	159	12	8820	-54	4	160	16		
03	3930	-22	7	60 158	15	5245	-32	1	63 176	16	6779	-45	2	193	17	8650	-58	0	194	22		
04	3846	-26	5	79 091	26	5149	-32	3	76 093	38	6688	-43	6	088	39	8570	-54	9	088	38		
05	3788	-32	2	53 124	15	5056	-39	6	58 140	17	6552	-50	3	138	17	8385	-57	4	108	18		
06	3723	-38	9	100 17	4945	-49	1	105 21	6405	-48	9	104 21	8289	-48	1	122 17	8289	-48	1	122 17		
07	3633	-45	6	131 05	4837	-47	5	134 03	6319	-45	6	180 06	8241	-44	8	194 11	8241	-44	8	194 11		
08	3646	-34	6	77 296	27	5105	-40	9	301 38	6592	-51	0	308 42	8424	-59	0	302 31	8424	-59	0	302 31	
09	3931	-34	2	74 246	14	5188	-41	4	242 16	6680	-49	7	240 17	8530	-57	6	227 19	8530	-57	6	227 19	
10	3788	-41	4	262 14	5014	-45	7	274 18	6489	-49	7	280 16	8356	-51	4	290 13	8356	-51	4	290 13		
11	3853	-39	0	43 101	10	5085	-46	4	353 13	6538	-55	7	358 18	8350	-58	0	350 20	8350	-58	0	350 20	
12	3870	-37	2	60 356	23	5111	-43	9	357 33	6575	-54	6	357 42	8383	-60	0	352 40	8383	-60	0	352 40	
13	3813	-33	2	47 288	20	5076	-38	8	308 17	6580	-47	7	317 24	8400	-58	9	322 37	8400	-58	9	322 37	
14	3659	-30	1	71 151	13	4932	-38	2	69 160	10	6431	-49	6	142 12	8267	-59	3	204 03	8267	-59	3	204 03
15	3566	-36	6	64 105	06	4814	-42	2	092 06	6292	-51	3	073 09	8128	-58	8	010 06	8128	-58	8	010 06	
16	3632	-40	4	024 16	4863	-45	2	023 25	6331	-51	9	029 27	8171	-56	8	030 17	8171	-56	8	030 17		
17	3652	-33	7	55 028	18	4916	-39	5	057 12	6416	-48	3	060 18	8246	-59	4	057 16	8246	-59	4	057 16	
18	3710	-33	2	A20 058	35	4980	-39	4	A22 052	45	6470	-51	0	062 56	8309	-57	0	054 31	8309	-57	0	054 31
19	3826	-36	8	37 148	08	5080	-41	3	188 13	6568	-50	1	178 12	8417	-57	4	124 05	8417	-57	4	124 05	
20	3854	-32	0	62 118	12	5118	-40	6	130 14	6605	-50	8	140 22	8436	-60	1	150 26	8436	-60	1	150 26	
21	3681	-39	3	A22 086	25	4927	-42	1	085 29	6407	-51	0	085 29	8264	-59	3	085 14	8264	-59	3	085 14	
22	3680	-44	4	220 15	4890	-47	6	224 13	6364	-48	8	241 09	8231	-53	7	250 08	8231	-53	7	250 08		
23	3817	-35	8	60 225	06	5067	-42	7	228 10	6540	-56	7	222 11	8362	-61	6	250 06	8362	-61	6	250 06	
24	3878	-39	5	54 252	09	5021	-45	0	264 08	6477	-55	5	233 10	8291	-58	6	243 11	8291	-58	6	243 11	
25	3826	-37	4	78 330	08	5063	-46	0	332 08	6516	-56	2	337 07	8316	-60	1	286 08	8316	-60	1	286 08	
26	3903	-36	6	A22 201	04	5146	-43	9	222 06	6613	-53	5	230 08	8424	-62	1	233 22	8424	-62	1	233 22	
27	3897	-30	1	50 192	04	5166	-41	2	162 11	6645	-50	8	185 30	8492	-58	0	196 34	8492	-58	0	196 34	
28	3785	-33	3	34 116	19	5048	-40	7	182 30	6505	-50	2	179 29	8234	-56	6	199 10	8234	-56	6	199 10	
29	3656	-38	7	46 155	13	4927	-43	6	167 07	6480	-47	1	179 29	8234	-56	6	199 10	8234	-56	6	199 10	
30	3661	-34	1	44 226	17	4410	-43	2	228 28	6386	-51	5	222 29	8221	-58	6	218 26	8221	-58	6	218 26	
31	3628	-33	6	72 104	10	4886	-41	9	136 19	6369	-50	7	142 21	8211	-57	7	145 22	8211	-57	7	145 22	
MN	3788	-34	5	52		5045	-41	2	47 129	03	6533	-49	9	22 129	04	8381	-56	9	171	03		

CONSTANT PRESSURE DATA 00 GMT.

Z	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	11464	-71	6	222 07	13151	-67	7	204 03	15476	-67	2	245 05	17616	-70	3	283 06	17616	-70	3	283 06
02	11321	-70	2	165 10	13031	-67	0	171 13	12929	-60	6	233 09	15408	-66	8	215 08	17555	-68	9	267 06
03	11150	-63	0	106 24	12892	-60	2	106 24	12892	-60	2	219 09	15389	-65	3	233 08	17539	-69	6	270 14
04	11108	-62	9	126 14	12767	-57	0	145 08	15305	-62	9	215 06	17470	-69	0	254 09	17470	-69	0	254 09
05	10933	-52	8	154 13	12782	-55	9	194 09	15314	-63	7	209 08	17469	-70	2	233 13	17469	-70	2	233 13
06	10927	-49	8	193 08	12783	-55	3	208 08												
07	10984	-56	9	280 18	12804	-58	9	258 13	15320	-63	4	262 09	17497	-66	4	278 14	17497	-66	4	278 14
08	11060	-56	3	274 17	12874	-57	7	272 12	15419	-60	2	308 15	17629	-63	3	322 23	17629	-63	3	322 23
09	10996	-51	2	291 14	12854	-56	6	298 18	15432	-58	6	306 18	17667	-61	3		17667	-61	3	
10	10920																			
11	10965	-55	1	351 24	12794	-57	8	344 34	15332	-61	2	324 24	17528	-64	7		17528	-64	7	
12	10945	-59	6	315 21	12750	-59	6	317 15	15262	-64	0	320 15	17429	-67	8		17429	-67	8	
13	10813	-58	1	303 07	12613	-61	4	286 06	15104	-65	6									
14	10680	-56	1	358 05	12484	-60	2	322 05	14992	-64	6									
15	10739	-58	2	033 09	12539	-61	4	038 04	15035	-65	9									
16	10803	-59	7	068 12	12594	-60	2													
17	10866	-59	1	076 11	12653	-62	9	060 18	15135	-66	8	065 18								
18	10959	-61	1	118 04	12741	-63	2	110 04	15213	-67	5	122 06								
19	10947	-61	8	139 12	12716	-64	0	136 12	15186	-68	6	140 11								
20	10824	-59	4	097 16	12629	-61	3	133 08	15120											
21	10814	-58	2	224 09	12609															
22	10861	-61	5	248 10	12639	-63	2	265 09	15114	-67	1	280 08	17234	-72	7		17234	-72	7	
23	10826	-60	1	251 12	12605	-63	8	248 12	15080	-67	7	255 10	17202	-71	5		17202	-71	5	
24	10856	-59	2	258 12	12646	-62	3													
25	10912	-63	8	238 17	12675	-65	1													
26	10912	-63	8	208 27	12779	-65	2	233 16	15116	-69	2	257 18	17220	-74	1	244 18	17220	-74	1	244 18
27	10906	-60	4	187 17	12683	-65	1	227 15	15215	-70	0	234 17								
28	10784	-60	3	218 07	12561	-64	1	198 13	15115	-71	1	219 14	17199	-75	8	233 14	17199	-75	8	233 14
29	10754	-62	2	221 18	12520	-64	8	229 09	15013	-69	1	223 10								
30	10761	-60	8					231 17	14970	-69	2	236 15								
MN	10930	-59	8	208 04	12727	-61	3	237 05	15211	-65	9	265 06	17411	-69	2		17411	-69	2	

CONSTANT PRESSURE DATA 12 GMT.

Z	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	4091	-21	5	A18 192	13	5418	-28	6	A19 190	17	6981	-40	0	A22 182	25	8893	-53	2	184	24		
02	3931	-29	6	A20 088	21	5214	-35	7	34 090	26	6742	-43	4	087 28	8625	-55	3	078 33	8625	-55	3	078 33
03	3921	-21	8	76 126	15	5239	-31	1	72 120	16	6784	-42	5	138 15	8667	-55	1	158 13	8667	-55	1	158 13
04	3850	-29	2	66 116	19	5118																

MOULD BAY, N.W.T.

JULY 1961

STATION INSTRUMENTATION

USWB type radiocasts, GMD RDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION
74072 76°14'N 119°20'W 20 METERS

CONSTANT PRESSURE DATA 00 GMT.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Day, Altitude, Temp., R.H., and Wind for each level.

CONSTANT PRESSURE DATA 00 GMT.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Day, Altitude, Temp., R.H., and Wind for each level.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Day, Altitude, Temp., R.H., and Wind for each level.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Day, Altitude, Temp., R.H., and Wind for each level.

* Statistical Values for Relative Humidity
^ Vector Mean Wind
- Entered under Wind Direction indicates a Stratum of Surface Wind Data

MOULD BAY, N.W.T.

JULY 1961

STATION INSTRUMENTATION

USWB type radiocasts, GMD RDP tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION
74072 76°14'N 119°20'W 20 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Z	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	4043	-19.3	4	46 335	13	5374	-28.8	38 344	13	6935	-39.6	A22 348	21	8855	-48.3	3	
02	3999	-16.4	7	78 251	14	5345	-25.5	67 236	08	6919	-39.2	59 252	09	8641	-45.1	1	
03	3963	-16.4	8	83 249	12	5329	-25.9	71 253	12	6907	-37.8	59 255	14	8844	-47.4	6	
04	4087	-12.7	6	64 232	12	5452	-22.9	40 238	13	7054	-33.9	57 238	20	9004	-49.0	0	
05	4110	-13.0	7	70 205	12	5485	-21.5	A18 200	19	7088	-33.9	A21 199	28	9034	-50.1	1	
06	4156	-14.5	5	31 258	15	5517	-22.8	A18 256	15	7111	-36.0	36 228	12	9050	-49.4	4	
07	4147	-16.5	3	47 233	07	5490	-26.7	50 207	04	7062	-38.5	34 070	03	8990	-44.6	5	
08	4129	-12.0	6	76 230	22	5505	-20.1	69 230	22	7118	-32.5	64 230	28	9080	-47.4	4	
09	4082	-16.5	5	35 233	23	5429	-25.2	A19 241	27	7013	-36.3	A21 243	34	8950	-47.0	0	
10	4033	-17.7	8	46 262	21	5377	-25.3	A4 258	31	6962	-36.7	A21 243	34	8950	-47.0	0	
11	4058	-17.8	8	38 307	23	5404	-24.7	A18 309	32	6991	-36.1	A21 317	38	8937	-39.0	0	
12	4144	-08.8	6	57 302	20	5535	-17.4	46 302	24	7166	-30.0	42 299	26	9143	-46.4	4	
13	4126	-08.6	9	29 239	22	5512	-19.0	51 240	24	7125	-29.6	36 240	23	9130	-42.9	9	
14	4051	-08.9	A15 237	20	5473	-19.0	A17 239	28	7042	-30.4	A20 231	42	9088	-43.5	5		
15	4047	-12.1	4	43 265	05	5425	-20.4	75 196	11	7037	-32.5	70 210	12	9001	-45.4	4	
16	4037	-15.7	6	64 306	08	5390	-25.7	82 324	04	6972	-36.5	56 308	03	8909	-45.0	0	
17	4032	-14.8	8	85 244	11	5387	-23.3	36 233	09	6984	-34.3	38 252	08	8936	-46.2	2	
18	4045	-13.8	7	74 256	13	5405	-22.9	37 256	19	7007	-34.0	A21 270	22	8957	-47.7	3	
19	4067	-12.0	6	37 252	20	5445	-20.1	64 252	24	7060	-32.2	59 248	30	9020	-49.0	0	
20	4098	-08.8	36 002	01	5487	-17.8	59 219	06	7119	-29.7	65 209	13	9100	-46.7	0		
21	4044	-13.4	6	62 267	08	5408	-21.1	28 232	09	7014	-33.1	A21 188	20	8975	-47.2	1	
22	4101	-12.0	A16 270	10	5466	-22.8	46 271	16	7069	-33.8	60 266	22	9022	-48.0	0		
23	4075	-16.2	5	51 219	19	5421	-26.1	41 220	21	6995	-37.5	A22 200	29	8955	-46.3	6	
24	4159	-16.7	45 239	16	5492	-26.7	48 239	14	7056	-39.5	A2 244	11	8966	-48.8	8		
25	4155	-15.9	7	47 265	12	5509	-22.7	47 265	12	7201	-33.6	54 275	13	9157	-49.2	2	
26	4234	-11.6	86 224	13	5634	-19.0	57 248	12	7255	-31.5	59 246	12	9229	-46.5	5		
27	4138	-15.2	2	31 286	25	5498	-23.7	A18 287	32	7088	-36.2	A21 289	30	9059	-42.0	0	
28	4273	-16.3	3	39 310	15	5572	-24.8	A18 306	13	7155	-37.4	A22 312	19	9100	-47.2	2	
29	4228	-10.7	A19 301	18	5656	-19.6	A17 315	12	7278	-30.4	A20 299	18	9255	-46.4	4		
30	4231	-10.5	7	71 303	14	5612	-19.8	54 319	13	7244	-29.0	47 306	22	9229	-46.7	7	
31	4158	-09.1	9	91 249	07	5546	-18.2	84 262	09	7172	-30.2	44 271	10	9141	-48.0	0	
MN	4110	-13.6	52	*	5473	-22.5	45 261	14	7073	-34.3	39 258	15	9028	-46.3	3	258	16

Z	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	11601	-39.8	8	343	11	13564	-41.3	337	08	16324	-40.4	325	04	18752	-44.1	0
02	11602	-39.3	3	303	10	13574	-38.9	319	06	16360	-38.3	338	08	18820	-37.4	4
03	11574	-41.3	3	281	08	13529	-41.1	258	06	16287	-40.9	000	00	18716	-40.7	4
04	11671	-45.0	0	229	15	13599	-43.6	229	09	16338	-41.5	211	05	18760	-40.9	0
05	11694	-44.2	2	207	21	13634	-42.6	208	12	16376	-42.1	202	03	18791	-41.7	1
06	11741	-41.0	0	210	11	13694	-41.9	235	11	16430	-43.1	228	06	18838	-42.1	1
07	11743	-39.9	2	258	12	13708	-40.0	251	10	16476	-40.2	249	08	18910	-40.4	2
08	11742	-43.2	2	245	23	13688	-42.1	254	13	16434	-41.8	256	11	18853	-41.6	0
09	11707	-39.2	2	246	23	13676	-40.5	246	16	16425	-40.8	253	11	18851	-40.0	2
10	11732	-36.3	3	300	25	13721	-44.1	300	25	16506	-39.8	284	07	18871	-40.4	0
11	11716	-38.8	6	303	19	13680	-41.0	345	14	16438	-40.4	284	07	18871	-40.4	0
12	11716	-38.8	6	303	19	13680	-41.0	345	14	16438	-40.4	284	07	18871	-40.4	0
13	11802	-44.0	0	246	15	13761	-42.9	246	13	16479	-42.3	285	06	18894	-41.7	3
14	11834	-39.7	7	237	10	13792	-41.8	248	10	16537	-41.2	248	06	18963	-40.9	2
15	11756	-38.3	3	211	07	13724	-40.7	201	06	16476	-41.1	215	03	18906	-40.3	2
16	11670	-39.2	2	215	04	13637	-39.4	205	06	16411	-39.9	219	03	18847	-40.2	1
17	11708	-37.5	5	251	07	13666	-39.2	251	05	16453	-40.6	211	04	18897	-39.3	3
18	11702	-39.5	3	254	16	13662	-41.4	232	04	16438	-41.4	232	04	18838	-41.4	0
19	11715	-41.1	1	249	17	13668	-41.0	249	17	16468	-41.0	230	15	18905	-40.9	2
20	11769	-42.7	7	234	30	13721	-41.0	239	20	16478	-41.0	230	15	18905	-40.9	2
21	11725	-39.6	6	221	09	13691	-39.8	217	08	16461	-40.2	230	08	18896	-40.4	2
22	11697	-43.1	1	248	11	13642	-42.1	232	08	16388	-42.0	226	08	18804	-41.9	2
23	11637	-38.2	2	213	08	13654	-40.9	193	08	16420	-40.5	173	03	18837	-43.0	0
24	11702	-41.3	3	232	13	13655	-41.3	226	11	16408	-41.3	190	03	18830	-41.3	0
25	11793	-45.6	6	275	13	13717	-43.8	263	10	16449	-42.0	243	06	18855	-42.8	2
26	11875	-47.1	1	274	11	13785	-45.6	285	10	16501	-43.6	261	07	18904	-42.6	6
27	11800	-42.4	1	263	23	13727	-44.9	262	10	16446	-44.1	275	17	18842	-43.6	2
28	11821	-42.7	7	306	15	13765	-42.2	310	16	16509	-42.0	295	09	18923	-41.9	3
29	11873	-48.7	3	322	16	13773	-46.6	325	13	16480	-44.7	325	08	18880	-43.5	2
30	11821	-52.0	0	315	24	13711	-47.7	318	14	16409	-44.8	336	09	18796	-44.8	5
31	11757	-47.0	0	275	07	13673	-45.3	303	08	16387	-44.0	329	06	18788	-44.8	3
MN	11737	-42.0	0	259	12	13684	-42.1	260	08	16431	-41.6	259	05	18849	-41.4	0

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Z	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	4030	-17.8	8	86 286	16	5373	-26.2	80 294	15	6950	-37.7	76 311	13	8870	-51.7	3
02	3982	-16.6	7	37 235	10	5330	-25.3	54 249	12	6913	-37.0	49 264	12	8847	-50.8	8
03	3977	-17.7	37	32 224	10	5362	-22.7	32 244	20	6966	-33.6	44 255	25	8924	-48.0	0
04	4092	-13.7	7	72 234	10	5458	-21.8	58 202	14	7058	-34.8	67 200	28	8996	-50.3	3
05	4109	-14.6	6	32 224	17	5476	-22.3	A18 210	12	7073	-35.3	A21 196	13	9005	-51.0	0
06	4166	-16.1	8	80 220	14	5509	-25.8	78 213	18	7085	-37.6	76 210	20	9005	-53.0	0
07	4141	-13.6	A16 242	06	5508	-20.9	29 258	05	7113	-34.0	49 275	09	9065	-48.0	0	
08	4087	-12.7	4	40 231	22	5456	-21.7	34 240	33	7058	-34.5	37 237	35	9011	-45.9	9
09	4041	-15.3	A16 241	24	5391	-25.2	7 243	23	6971	-37.7	39 248	41	8910	-42.9	9	
10	4000	-21.2	43 301	24	5320	-30.2	49 303	39	6870	-40.5	51 313	38	8930	-3		

MOULD BAY, N.W.T.

JULY 1961

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.

00 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for 50 MBS, 30 MBS, 20 MBS, 10 MBS. Rows include Altitude, Temp., R.H., Wind, and other meteorological data for various times.

Table with columns for SURFACE, FREETING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Rows include SYNOPSIS DATA, Alt., Pres., Temp., and other aerological data.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for 50 MBS, 30 MBS, 20 MBS, 10 MBS. Rows include Altitude, Temp., R.H., Wind, and other meteorological data for various times.

Table with columns for SURFACE, FREETING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Rows include SYNOPSIS DATA, Alt., Pres., Temp., and other aerological data.

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

MOULD BAY, N.W.T.

AUGUST 1961

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No. 74072 LATITUDE 76°14'N LONGITUDE 119°20'W ELEVATION 20 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Z	SURFACE					1000 MBS					950 MBS					900 MBS								
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Wind mps.				
01	1001	002	6	97	190	04	0028	002	6	97	190	04	0450	001	9	98	134	08	0879	001	2	98	146	11
02	1000	005	7	84	160	07	0020	005	7	84	160	07	0440	004	9	83	148	15	0877	001	9	87	162	19
03	0997	005	6	75	170	05	-004	005	7	84	160	07	0400	001	1	77	176	08	0844	-01	9	77	164	11
04	1000	006	4	89	110	03	0020	006	4	89	110	03	0430	004	4	91	056	03	0879	002	1	93	072	05
05	1008	007	7	73	340	09	0086	007	0	72	342	10	0490	006	1	92	001	11	0948	003	3	66	004	12
06	1013	004	9	81	360	05	0121	003	7	84	353	03	0540	003	4	85	360	05	0976	003	5	83	011	05
07	1016	006	7	74	100	04	0150	005	2	77	020	04	0570	003	1	77	028	05	1006	004	3	57	022	07
08	1019	007	4	63	350	05	0174	005	9	66	001	05	0600	001	5	73	031	04	1026	000	7	62	300	04
09	1020	004	7	77	320	09	0176	001	8	80	333	09	0580	-00	9	84	347	09	1018	-02	0	83	349	10
10	1019	002	3	81	320	10	0173	000	7	84	330	11	0590	002	6	78	350	15	1020	000	5	74	004	13
11	1019	006	4	59	310	07	0171	004	3	58	308	08	0500	004	4	62	311	08	1025	001	6	37	309	09
12	1010	005	3	71	180	09	0101	005	0	68	183	09	0510	003	8	55	207	09	0957	002	4	42	223	07
13	0997	007	8	67	100	07	-002	007	8	67	100	07	0410	006	4	57	154	09	0861	003	4	63	166	10
14	0996	004	3	95	090	00	-010	004	3	95	090	00	0400	002	9	88	205	03	0842	001	4	79	188	03
15	1002	001	7	92	190	05	0035	001	5	92	191	05	0440	-01	7	90	220	09	0875	-03	4	90	238	08
16	1004	001	2	89	170	06	0056	000	9	88	172	06	0450	002	4	83	189	05	0892	-05	3	180	05	10
17	1008	001	5	86	230	01	0086	001	0	86	243	01	0490	-01	9	84	302	01	0924	-05	8	83	279	01
18	1013	002	9	82	190	05	0124	002	0	81	195	05	0520	-01	1	78	197	04	0964	-04	0	76	187	04
19	1009	001	0	96	210	02	0092	000	7	95	215	02	0500	-00	8	91	246	06	0934	-02	4	87	242	07
20	1004	002	6	87	280	05	0054	002	3	87	280	05	0460	-00	4	87	288	07	0896	-03	4	87	299	07
21	1002	000	6	89	310	13	0039	000	2	88	310	13	0440	-04	9	81	322	13	0869	-06	9	88	327	12
22	1009	001	1	94	010	03	0095	000	4	92	012	03	0500	-03	8	86	044	03	0928	-05	6	68	072	05
23	1009	-01	1	89	040	03	0095	-01	8	89	030	04	0500	-05	3	87	011	04	0924	-07	6	88	022	03
24	1007	-01	2	85	090	05	0077	-01	4	89	092	04	0480	-04	7	88	122	03	0907	-07	3	84	141	03
25	1008	-01	2	92	030	08	0086	-01	6	92	024	08	0420	-04	1	90	009	09	0953	-06	9	89	01	08
26	1017	-01	2	95	310	07	0155	-02	2	93	316	07	0570	-05	3	86	345	06	0983	-07	8	75	342	10
27	1018	-00	9	90	045	03	0165	-02	7	86	037	03	0560	-06	0	81	038	03	0991	-08	0	82	049	13
28	1023	-03	9	80	020	04	0200	-05	4	80	013	05	0600	-09	1	80	003	04	1019	-08	2	83	004	08
29	1024	-02	7	68	360	04	0212	-04	4	73	009	05	0610	-04	3	68	022	08	1039	-08	1	56	017	09
30	1022	-06	5	83	316	09	0190	-08	6	84	318	09	0580	-08	3	79	340	07	1006	-09	1	70	355	12
31	1014	-06	4	84	360	06	0129	-07	4	85	004	06	0510	-11	0	87	016	06	0941	-09	2	87	022	09
MN	1010	-02	1	83			100	-00	8	84			506	-01	0	80			941	-02	8	76		

Z	850 MBS					800 MBS					750 MBS					700 MBS								
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Wind mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01	1341	002	3	100	157	10	1831	000	9	100	147	08	2350	-00	6	100	193	02	2897	-04	0	91	250	02
02	1340	003	9	87	162	13	1835	003	7	65	160	07	2370	000	0	63	157	10	2904	-03	9	73	165	09
03	1298	-03	4	82	154	17	1777	-05	0	83	156	13	2290	-04	5	69	159	12	2826	-06	9	66	158	14
04	1340	-00	2	96	092	08	1824	-02	8	96	089	09	2330	-05	7	93	084	10	2871	-09	0	90	070	08
05	1410	000	7	77	352	08	1856	-01	0	85	344	05	2400	-03	3	84	345	05	2953	-06	3	78	355	07
06	1438	000	9	85	021	02	1924	-01	8	87	040	03	2460	-05	7	88	055	05	2971	-09	2	78	404	06
07	1470	003	0	39	020	11	1960	000	3	61	011	08	2480	-03	4	62	012	05	3018	-06	4	64	032	05
08	1465	000	1	50	354	06	1970	-02	1	63	340	05	2480	-05	4	67	331	05	3018	-09	1	63	324	06
09	1470	-05	3	76	342	11	1946	-06	2	67	353	11	2450	-08	6	62	003	11	2982	-09	8	37	360	15
10	1477	-01	7	69	006	08	1960	-02	6	78	002	11	2480	-06	0	74	358	13	3005	-09	8	70	350	15
11	1484	-00	3	52	310	10	1968	-02	4	47	311	09	2480	-06	1	49	312	10	3013	-09	5	48	312	12
12	1418	000	9	31	237	07	1905	-02	0	30	244	07	2410	-04	9	29	248	08	2955	-07	9	29	270	08
13	1325	003	2	67	190	07	1814	-00	1	48	215	07	2320	-02	8	40	214	06	2873	-05	7	74	212	08
14	1300	-04	4	70	165	04	1784	-02	9	63	195	02	2290	-05	6	53	135	03	2831	-08	3	47	203	05
15	1327	-04	4	92	225	10	1805	-06	8	88	224	10	2300	-09	5	84	215	08	2837	-12	4	79	211	06
16	1340	-06	1	194	05	1813	-08	3	3	196	04	2310	-10	0	190	03	2840	-13	0	209	03			
17	1371	-07	1	81	328	01	1845	-08	5	80	257	01	2340	-12	5	80	220	02	2868	-14	3	67	283	01
18	1413	-05	7	79	192	05	1889	-06	7	72	213	04	2400	-08	4	51	266	03	2925	-10	3	32	308	07
19	1387	-04	0	82	245	07	1866	-03	4	79	265	08	2370	-04	9	78	267	10	2916	-07	2	75	268	12
20	1347	-04	6	86	298	08	1824	-05	4	84	290	09	2320	-06	4	38	293	13	2867	-07	6	A15	297	16
21	1313	-08	5	83	329	14	1783	-10	3	75	334	13	2280	-12	3	52	335	16	2803	-14	6	34	331	15
22	1375	-07	7	59	045	03	1845	-10	8	55	330	04	2350	-14	1	52	317	06	2862	-13	4	37	314	11
23	1368	-09	2	57	059	02	1837	-11	2	52	308	02	2320	-12	1	42	345	02	2858	-13	2	33	292	07
24	1315	-08	0	83	121	05	1823	-10	6	82	158	02	2310	-12	8	81	125	07	2843	-12	5	82	203	08
25	1362	-09	7	88	028	08	1828	-12	8	87	031	09	2320	-16	1	85	025	08	2836	-16	4	60	004	08
26	1426	-10	4	67	337	09	1889	-14	9	75	340	09	2380	-11	2	55	322	10	2904	-13	4	38	317	12
27	1433	-11	2	84	100	04	1896	-14	7	86	084	04	2390	-14	9	67	339	02	2904	-16	1	42	031	03
28	1461	-11	1	51	100	10	1924	-13	8	54	009													

MOULD BAY, N.W.T.

AUGUST 1961

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. 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	4098	-11.4	69	250	03	5468	-21.3	40	285	12	7078	-32.6	36	297	15	9048	-46.4	4	304	33
02	4115	-08.7	86	180	04	5507	-17.1	1.83	212	07	7140	-29.4	47	225	13	9128	-44.8	8	236	12
03	4016	-13.4	36	161	16	5378	-22.7	1.18	153	20	6980	-33.1	32	147	23	8935	-49.3	5	134	19
04	4050	-16.2	77	086	11	5400	-24.5	57	089	10	6993	-35.2	72	104	10	8935	-50.6	6	093	07
05	4142	-14.3	73	332	07	5500	-22.5	53			7098	-34.7	65			9045	-48.4	4		
06	4154	-13.2	63	020	03	5519	-22.0	51	360	03	7122	-34.2	48	143	05	9077	-47.2	2	151	16
07	4207	-14.4	57	088	06	5561	-23.9	42	124	07	7159	-33.6	38	149	10	9111	-49.2	2	189	09
08	4192	-17.0	72	279	05	5536	-25.8	42	328	05	7116	-38.5	48	327	07	9040	-51.3	3	319	04
09	4162	-15.7	28	002	11	5509	-26.2	33	010	11	7083	-38.3	36	023	07	9013	-49.9	9	118	04
10	4184	-15.0	32	357	17	5540	-24.2	34	348	18	7131	-35.1	31	350	33	9076	-49.9	9	290	12
11	4194	-14.1	36	300	15	5556	-22.4	34	298	12	7156	-34.3	38	307	14	9109	-49.0	0	356	12
12	4138	-14.0	63	274	12	5501	-22.2	53	293	11	7108	-34.3	37	285	19	9064	-48.4	4	291	31
13	4064	-13.7	77	240	09	5424	-23.2	3	68	24	7019	-34.2	30	256	14	8969	-49.0	0	253	22
14	4014	-14.7	41	183	04	5368	-24.6	39	170	10	6953	-36.6	37	161	13	8891	-49.9	9	168	22
15	3995	-20.9	76	198	05	5316	-30.8	8	185	05	6860	-42.0	30	158	06	8789	-44.2	2	120	10
16	4002	-20.0	142	01	5328	-29.6	109	03	6862	-41.2	110	09	110	09	8788	-49.9	9	091	07	
17	4026	-18.3	38	347	04	5363	-27.7	40	353	06	6929	-39.3	41	345	11	8845	-51.0	1	335	14
18	4008	-17.7	34	328	14	5442	-25.7	119	317	15	7030	-34.8	421	323	21	8974	-49.1	1	325	35
19	4105	-13.1	67	280	14	5476	-20.0	58	295	24	7097	-30.8	50	301	37	9074	-46.1	1	302	58
20	4055	-15.4	116	295	24	5422	-21.0	30	297	30	7042	-29.9	34	294	43	9032	-44.8	8	777	40
21	3956	-21.0	29	328	20	5279	-29.7	32	310	26	6836	-40.7	31	311	36	8760	-44.9	9	295	40
22	4022	-20.0	32	313	16	5350	-28.2	419	902	20	6922	-37.0	A22	300	33	8865	-48.2	2	308	44
23	4016	-20.0	30	282	12	5352	-26.2	63	277	15	6930	-37.2	67	271	16	8855	-52.4	4	267	22
24	4014	-17.0	77	224	15	5363	-26.4	73	221	19	6932	-40.0	70	230	27	8840	-53.9	9	240	36
25	3971	-23.9	70	297	09	5281	-31.1	8	272	12	6826	-42.1	267	18	8733	-46.0	2	260	23	
26	4063	-19.7	36	302	12	5396	-27.2	34	292	13	6961	-40.0	A22	282	19	8886	-48.7	2	265	41
27	4097	-14.7	41	313	05	5368	-27.0	31	291	10	6947	-37.4	4	288	14	8835	-56.0	0	307	12
28	4099	-20.4	57	377	04	5427	-29.9	90	333	12	6975	-41.4	4	319	12	8855	-56.0	0	308	12
29	4119	-20.1	32	358	13	5427	-28.9	35	355	15	7003	-41.3	3	352	30	8905	-52.0	0	347	28
30	4102	-19.1	117	001	15	5435	-28.1	119	002	17	6995	-40.4	3	360	18	8900	-53.9	9	360	23
31	4054	-18.8	48	029	25	5386	-28.8	50	031	30	6944	-41.1	0	033	34	8829	-56.8	8	033	26
MN	4080	-16.8	50			5426	-25.5	44	310	07	7008	-36.9	48	306	10	8943	-49.6	6	297	13

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	11738	-43.5	308	13	13674	-43.4	309	09	16405	-43.1	327	04	18809	-42.9	013	02
02	11773	-45.9	230	06	13705	-42.4	270	04	16438	-42.4	297	03	18853	-40.8	070	02
03	11633	-40.8	162	02	13583	-42.4	303	04	16313	-43.8	316	03	18712	-43.3	031	02
04	11657	-40.0	349	03	13616	-41.4	329	04	16363	-42.0	314	03	18779	-42.0	008	02
05																
06	11752	-44.9	288	03	13682	-43.4	290	03	16419	-42.6	285	03	18830	-42.5	275	02
07	11742	-46.8	281	04	13664	-43.6	286	05	16369	-45.4	281	01	18751	-45.0	323	03
08	11723	-43.8	317	06	13658	-43.8	297	05	16371	-45.0	331	05	18757	-44.7	353	04
09	11700	-44.0	310	05	13633	-43.6	350	05	16364	-42.9	359	03				
10	11731	-43.0	344	13	13651	-44.4	351	10	16371	-43.8	342	10	18763	-44.4	025	07
11	11723	-49.6	311	13	13627	-46.3	327	06	16396	-44.7	001	04	18728	-43.8	045	02
12	11670	-50.2	295	15	13569	-46.8	306	08	16264	-45.9	335	03	18644	-45.0	019	01
13	11621	-45.2	260	10	13549	-43.1	281	06	16286	-42.5	309	04	18696	-42.4	286	04
14	11574	-44.2	222	04	13505	-43.8	282	02	16231	-43.5	304	04	18628	-43.8	344	01
15	11530	-41.4	210	01	13481	-41.6	274	01	16230	-41.8	312	05	18644	-42.5	326	02
16	11517	-40.8	343	03	13473	-41.3	327	04	16223	-42.0	320	05	18636	-42.4	317	05
17	11540	-41.5	328	10	13494	-41.4	328	08	16244	-41.8	316	07	18659	-42.2	318	05
18	11651	-44.8	320	19	13575	-44.6	320	13	16302	-43.3	319	11	18699	-44.1	317	09
19	11694	-50.3	305	41	13587	-47.5	306	20	16284	-44.5	314	17	18665	-45.5	299	08
20	11646	-51.3	286	38	13536	-46.9	287	20	16245	-44.8	289	24	18630	-45.2	290	05
21	11526	-39.7	297	31	13479	-42.8	289	15	16221	-43.5	287	09	18620	-43.7	287	08
22	11534	-45.0	297	27	13462	-43.8	296	18	16196	-42.8	300	08				
23	11509	-44.5	265	18	13441	-43.4	266	19	16164	-44.4	272	14	18550	-45.2	276	06
24	11506	-44.3	252	20	13438	-43.7	250	19	16168	-43.8	263	13	18560	-44.8	257	05
25	11472	-41.1	257	20	13422	-42.2	253	15	16157	-43.9	252	12	18551	-44.4	252	09
26	11553	-45.0	273	25	13477	-43.8	275	17	16204	-44.2	262	11	18594	-44.5	256	09
27	11548	-45.8	264	11	13476	-44.5	264	11	16208	-44.3	262	12	18594	-44.5	268	10
28	11517	-46.1	290	12	13435	-45.7	289	13	16138	-46.0	273	08	18509	-46.7	278	07
29	11559	-46.4	323	12	13475	-46.2	309	08	16176	-46.3	304	09	18549	-46.8	296	06
30	11520	-47.6	352	17	13426	-46.3	344	12	16131	-45.0	325	05	18516	-45.6	310	05
31	11459	-46.1	033	14	13379	-46.4	024	10	16081	-45.9	024	05	18453	-46.5	303	02
MN	11608	-44.9	298	12	13536	-44.1	297	08	16239	-43.9	299	07	18652	-44.1		

CONSTANT PRESSURE DATA 12 GMT.

Day	600 MBS				500 MBS				400 MBS				300 MBS							
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. 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	4112	-09.7	82	276	06	5497	-18.8	88	284	11	7121	-30.6	78	283	13	9110	-44.7	7	301	25
02	4041	-11.3	26	164	16	5418	-20.5	32	164	15	7028	-32.8	A20	1	8988	-48.4	4	137	29	
03	4022	-14.7	120	10	5374	-24.3	85	129	13	6966	-34.9	8	125	15	8906	-51.0	0	125	17	
04	4051	-16.2	77	086	11	5400	-24.5	57	089	10	6993	-35.2	72	104	10	8935	-50.6	6	093	07
05	4141	-14.3	73	332	07	5500	-22.5	53			7098	-34.7	65			9045	-48.4	4		
06	4180	-15.7	28	002	11	5509	-26.2	33	010	11	7083	-38.3	36	023	07	9013	-49.9	9	118	04
07	4179	-17.0																		

MOULD BAY, N.W.T.

AUGUST 1961

STATION INSTRUMENTATION

USWS 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.

00 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Altitude, Temp., R.H., Wind, and pressure levels (50 MBS, 30 MBS, 20 MBS, 10 MBS).

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX WIND LEVEL.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Altitude, Temp., R.H., Wind, and pressure levels (50 MBS, 30 MBS, 20 MBS, 10 MBS).

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX WIND LEVEL.

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.

SEPTEMBER 1961

STATION INSTRUMENTATION

USWB type radiocane, GMD RDF tracking equipment

INDEX No. 74072 LATITUDE 76°14'N LONGITUDE 119°20'W ELEVATION 20 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Z	SURFACE				1000 MBS				950 MBS				900 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	1007	-06.4	87	360 09	0074	-07.9	77	360 09	0470	-11.1	81	004 09	0882	-13.2	87	024 10
02	1009	-05.7	60	010 06	0087	-06.2	62	011 06	0480	-09.0	70	020 06	0903	-10.0	78	023 06
03	1011	-04.4	48	040 02	0103	-05.3	68	040 02	0500	-09.0	76	034 02	0920	-10.1	83	060 02
04	1008	-05.2	86	090 01	0085	-05.9	86	074 01	0480	-09.5	88	024 02	0901	-10.3	91	098 02
05	1009	-06.3	84	330 04	0092	-07.3	82	330 04	0490	-09.3	79	329 04	0911	-04.7	55	323 06
06	1012	-08.1	71	300 04	0109	-09.0	74	301 04	0510	-12.0	85	325 05	0926	-05.2	84	348 07
07	1016	-08.8	74	030 02	0143	-10.0	71	005 02	0540	-03.6	57	014 02	0971	-04.0	49	393 01
08	1014	-03.8	91	000 00	0131	-05.6	76	000 00	0330	-03.7	49	130 02	0961	-04.0	36	130 03
09	1019	-04.2	82	000 00	0167	-04.0	74	000 00	0580	-03.7	52	006 03	0999	-04.2	41	091 03
10	1025	-07.4	63	336 03	0197	-08.4	70	338 03	0600	-04.6	51	338 04	1024	-05.6	61	335 04
11	1019	-05.8	87	220 03	0170	-06.4	87	225 10	0570	-08.6	90	241 10	0987	-09.9	91	244 08
12	1007	-01.1	95	190 06	0072	-01.3	94	192 07	0480	-02.2	87	208 13	0910	-03.2	80	212 12
13	1006	-04.8	90	030 18	0068	-05.1	89	031 19	0450	-04.2	86	040 21	0897	-05.5	84	045 23
14	1023	-05.0	75	360 04	0194	-06.5	78	351 03	0600	-05.7	80	350 07	1018	-08.8	84	345 08
15	1015	-03.8	87	290 04	0139	-04.7	87	297 06	0530	-07.6	89	308 06	0963	-06.2	88	310 05
16	1004	-06.9	83	340 02	0055	-07.2	83	340 02	0450	-07.6	81	013 06	0874	-07.2	83	024 07
17	1002	-13.4	75	350 05	0039	-13.5	74	351 05	0410	-13.8	75	027 10	0836	-13.7	77	050 09
18	1006	-15.2	84	300 11	0068	-15.7	84	302 11	0450	-19.2	82	308 13	0859	-13.0	85	316 10
19	1002	-06.7	87	310 11	0034	-06.7	87	310 11	0420	-06.0	87	322 13	0860	-06.1	88	329 13
20	0997	-06.9	81	330 13	-002	-	-	-	0390	-09.2	81	335 17	0813	-11.8	80	324 20
21	0997	-04.4	86	300 17	-004	-	-	-	0390	-06.4	85	317 18	0820	-08.9	84	327 18
22	1005	-11.9	84	-	0058	-12.1	83	004 04	0450	-11.6	77	-	0862	-13.2	76	-
23	1013	-11.2	83	350 03	0119	-11.6	83	004 04	0510	-13.0	84	033 08	0922	-14.8	85	080 12
24	1013	-12.7	81	330 04	0120	-13.6	76	348 04	0510	-13.8	82	003 03	0923	-12.5	83	339 03
25	1014	-10.5	79	307 03	0124	-10.7	79	303 03	0520	-11.3	78	286 05	0930	-14.1	80	276 06
26	1019	-11.2	78	340 02	0167	-10.4	79	204 02	0560	-09.9	79	080 03	0977	-13.0	79	088 05
27	1027	-11.4	79	000 00	0227	-11.1	81	046 04	0640	-10.6	84	047 07	1034	-12.7	79	050 08
28	1027	-10.5	84	090 07	0225	-10.7	83	106 06	0620	-10.8	80	131 06	1034	-11.7	68	140 08
29	1025	-13.9	81	340 01	0206	-12.8	78	215 03	0600	-11.1	72	140 08	1014	-11.8	67	135 08
30	1025	-15.4	72	010 04	0292	-18.6	76	018 04	0590	-13.8	81	033 06	0997	-15.9	83	048 07
MN	1012	-08.2	80	-	115	-08.8	79	-	511	-09.1	78	-	931	-09.3	76	-

Z	850 MBS				800 MBS				750 MBS				700 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	1326	-06.9	75	026 16	1800	-07.0	56	021 16	2300	-08.1	47	023 16	2837	-09.7	47	022 17
02	1351	-03.6	62	036 08	1832	-04.2	49	040 11	2320	-06.8	45	037 10	2875	-10.4	42	059 09
03	1367	-04.8	63	082 03	1845	-04.7	43	080 04	2350	-06.9	37	066 05	2887	-09.2	32	074 06
04	1342	-09.6	51	116 05	1812	-08.7	51	100 06	2300	-09.9	37	090 07	2841	-13.0	67	084 09
05	1359	-07.2	57	332 02	1830	-09.4	57	323 04	2320	-09.8	38	311 04	2859	-11.6	31	297 03
06	1374	-05.8	65	355 07	1849	-07.4	55	349 06	2350	-10.5	54	347 06	2877	-13.3	47	349 06
07	1420	-05.4	46	009 01	1895	-07.0	38	041 02	2400	-09.4	35	069 02	2927	-11.9	35	073 03
08	1411	-05.6	35	130 04	1887	-07.2	33	130 05	2390	-10.4	41	130 06	2925	-13.1	37	128 05
09	1448	-06.0	38	360 03	1921	-08.0	36	003 03	2420	-10.0	34	002 03	2930	-12.8	40	353 03
10	1471	-05.8	45	341 07	1946	-07.7	45	350 07	2440	-10.5	54	347 06	2974	-12.6	52	329 06
11	1492	-05.8	71	242 14	1908	-06.5	47	244 15	2410	-10.1	72	254 15	2937	-16.0	78	251 16
12	1361	-05.3	73	230 13	1836	-07.8	67	234 14	2330	-09.4	64	255 18	2868	-10.9	60	247 19
13	1345	-07.0	83	043 21	1818	-08.5	80	039 18	2310	-10.2	78	038 20	2848	-11.8	76	039 23
14	1461	-07.8	72	360 05	1933	-08.8	47	007 07	2430	-07.7	26	394 12	2966	-09.9	36	349 15
15	1409	-04.6	64	365 05	1892	-03.7	42	343 07	2400	-07.2	42	332 08	2933	-10.9	41	332 11
16	1320	-08.1	83	023 07	1790	-10.7	80	351 08	2290	-13.9	79	333 14	2804	-15.3	63	354 14
17	1269	-15.4	72	041 12	1726	-17.3	68	025 13	2210	-19.3	49	036 16	2719	-21.4	418	012 19
18	1297	-10.9	66	321 07	1764	-11.6	32	330 08	2260	-14.5	43	335 10	2775	-17.9	54	357 10
19	1306	-09.0	69	337 15	1774	-12.1	90	347 17	2270	-14.4	90	345 18	2790	-14.4	65	346 13
20	1328	-14.6	78	316 19	1710	-12.9	77	345 19	2200	-12.5	73	387 13	2729	-13.8	67	351 15
21	1261	-11.1	83	324 20	1725	-13.8	83	319 24	2230	-16.5	82	319 23	2728	-19.4	80	316 29
22	1295	-	-	-	1751	-	-	-	2240	-	-	-	2738	-	-	-
23	1355	-13.8	84	072 08	1815	-16.0	68	073 05	2300	-18.2	49	074 06	2812	-20.8	49	078 06
24	1356	-16.0	83	297 01	1811	-17.7	62	274 03	2300	-15.2	61	298 06	2810	-16.6	42	322 06
25	1361	-17.1	83	297 04	1819	-13.4	86	310 06	2315	-15.1	67	308 06	2829	-16.5	32	316 06
26	1410	-16.1	79	113 08	1864	-19.6	78	121 11	2340	-23.1	78	120 19	2846	-21.9	81	250 04
27	1468	-15.0	74	048 07	1926	-17.6	68	044 05	2410	-21.8	64	050 05	2909	-25.9	69	038 06
28	1470	-13.7	43	139 04	1928	-17.7	90	176 02	2400	-21.2	56	000 00	2920	-20.4	61	038 02
29	1450	-14.6	64	131 07	1908	-17.8	63	138 04	2385	-21.3	61	101 05	2897	-20.4	47	084 05
30	1425	-19.2	83	031 07	1874	-22.8	84	023 08	2350	-22.4	80	039 10	2852	-24.2	76	045 09
MN	1372	-09.8	68	3 04	1840	-11.3	61	-	2332	-13.3	58	-	2855	-15.3	53	357 06

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Z	SURFACE				1000 MBS				950 MBS				900 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	1007	-07.1	67	360 05	0074	-07.7	67	001 05	0470	-11.2	76	008 07	0883	-10.7	84	017 09
02	1010	-06.9	83	360 05	0100	-07.3	83	001 03	0500	-09.5	84	036 06	0915	-10.9	86	040 05
03	1009	-07.2	87	-	0091	-07.7	87	-	0490	-10.4	88	-	0904	-09.7	87	-
04	1008	-06.4	87	000 00	0085	-06.8	86	000 00	0490	-08.8	83	000 00	0903	-07.4	77	000 00
05	1010	-09.5	78	340 04	0093	-10.0	81	337 04	0490	-11.0	86	325 07	0906	-07.1	87	321 07
06	1015	-10.9	83	360 02	0131	-10.9	85	340 03	0530	-08.4	87	339 04	0951	-04.7	71	353 03
07	1016	-07.9	89	120 03	0141	-09.0	89	124 04	0540	-05.0	76	134 04	0968	-03.9	42	133 04
08	1015	-07.2	79	000 00	0138	-06.0	73	000 00	0330	-04.2	55	000 00	0968	-04.1	38	090 03
09	1021	-10.9	67	000 00	0184	-05.4	70	000 00	0580	-03.8	43	339 05	1015	-04.4	41	335 06
10	1023	-10.2	75	090 01	0195	-07.2										

MOULD BAY, N.W.T.

SEPTEMBER 1961

STATION INSTRUMENTATION

USWS type radiosonde, GMD RDF tracking equipment
INDB No. LATITUDE LONGITUDE ELEVATION
74072 76°14'N 119°20'W 20 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and four sets of data for 600 MBS, 500 MBS, 400 MBS, and 300 MBS.

Table with columns for Day, Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and four sets of data for 200 MBS, 150 MBS, 100 MBS, and 70 MBS.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and four sets of data for 600 MBS, 500 MBS, 400 MBS, and 300 MBS.

Table with columns for Day, Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and four sets of data for 200 MBS, 150 MBS, 100 MBS, and 70 MBS.

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.

OCTOBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No. 74072 LATITUDE 76°14'N LONGITUDE 119°20'W
ELEVATION 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. 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																				
02	1020	-15.9	74	010	04	0171	-15.6	75	004	03	0560	-14.9	78	342	03	0968	-15.0	81	318	02
03	1017	-16.1	72	270	01	0146	-15.7	74	312	02	0555	-15.8	79	031	05	0939	-17.7	79	034	03
04	1014	-16.9	55	070	01	0124	-16.6	58	055	02	0520	-16.1	69	034	03	0916	-18.7	69	024	02
05	1010	-17.1	72	330	08	0091	-16.5	68	334	08	0480	-17.8	73	009	06	0879	-19.6	81	008	07
06	1008	-17.2	67	310	09	0083	-18.0	311	11	0470	00	0202	62	315	14	0861	-20.2	74	313	14
07	1002	-12.3	83	290	13	0037	-12.3	83	290	13	0435	-14.7	81	300	14	0835	-17.5	79	302	11
08	1006	-12.5	57	330	04	0066	-12.8	60	330	04	0450	-15.3	74	330	07	0862	-15.0	83	016	06
09	1008	-21.5	64	350	08	0077	-21.6	65	002	08	0460	-18.3	73	048	11	0859	-19.8	83	040	13
10	1011	-15.3	72	300	09	0102	-15.9	75	306	09	0490	-16.3	84	336	11	0893	-14.9	87	334	09
11	1014	-22.4	70	320	06	0122	-23.4	67	311	07	0500	-17.1	78	305	12	0904	-17.7	77	304	11
12	1011	-18.1	70	280	08	0101	-18.1	276	09	0490	00	0490	264	12	0886	-17.9	75	272	12	
13	1002	-19.2	68	160	02	0031	-19.3	68	176	02	0410	-20.5	74	240	06	0811	-22.0	78	250	07
14	1000	-27.7	60	310	07	0020	-27.4	60	310	07	0400	-24.8	68	285	08	0783	-25.0	73	272	10
15	1015	-28.5	59	310	04	0124	-26.8	62	321	05	0500	-25.6	72	335	05	0892	-21.5	78	340	07
16	1020	-24.6	70	150	02	0163	-26.0	75	-	0540	-21.9	77	-	0935	-21.4	70	-	-	-	-
17	1016	-25.9	68	000	00	0136	-22.0	67	000	00	0510	-22.3	72	002	05	0913	-20.6	70	355	05
18	1013	-20.6	60	290	03	0115	-21.7	63	297	08	0500	-18.4	74	317	10	0897	-18.3	78	342	07
19	1018	-24.6	66	-	-	0152	-23.4	67	-	0530	-22.4	73	-	0930	-18.1	79	-	-	-	-
20	1025	-25.8	68	000	00	0199	-	0580	-16.7	66	-	-	0989	-16.9	69	-	-	-	-	-
21	1012	-20.7	69	150	04	0112	-18.0	69	171	06	0500	-12.8	51	160	14	0914	-11.4	44	141	16
22	1008	-19.8	73	180	02	0080	-17.9	73	180	03	0470	-11.7	74	182	08	0884	-11.2	77	182	07
23	1008	-17.9	73	130	04	0083	-17.7	74	140	04	0470	-10.0	82	125	03	0889	-10.1	86	032	03
24	1010	-14.1	74	000	00	0096	-14.0	76	000	00	0480	-11.1	83	258	03	0899	-14.0	87	292	02
25	1009	-14.0	81	150	03	0089	-14.3	81	163	03	0470	-15.7	82	258	03	0883	-17.4	83	272	03
26	1007	-14.9	78	-	-	0073	-13.1	79	-	0470	-16.7	83	-	0864	-18.2	87	-	-	-	-
27	1004	-14.9	91	-	-	0052	-13.9	79	-	0445	-14.9	78	-	0854	-12.3	81	-	-	-	-
28	1006	-14.3	77	-	-	0065	-14.7	77	-	0450	-14.9	78	-	0845	-14.4	83	-	-	-	-
29	1008	-19.8	82	300	06	0128	-19.9	80	-	0470	-14.9	76	-	0876	-14.9	83	-	-	-	-
30	1009	-17.7	71	000	00	0087	-17.8	71	000	00	0470	-14.5	79	206	01	0880	-15.2	84	161	03
31	1016	-19.5	86	020	02	0138	-20.0	81	027	03	0520	-16.0	76	053	06	0930	-12.8	84	064	08
MN	1011	-19.0	71	-	-	101	-18.5	72	-	486	-17.0	75	-	890	-17.1	78	-	-	-	-

00 GMT.

CONSTANT PRESSURE DATA

Day	850 MBS				800 MBS				750 MBS				700 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																					
02	1397	-18.6	80	310	02	1847	-22.4	79	336	03	2310	-26.4	78	356	04	2811	-30.6	6	77	360	05
03	1365	-19.6	79	050	02	1813	-23.2	77	053	03	2290	-26.9	76	058	03	2777	-28.2	7	76	058	04
04	1340	-21.2	70	041	02	1787	-24.5	72	022	03	2270	-28.6	67	341	05	2749	-27.1	74	343	03	05
05	1302	-21.6	77	011	09	1754	-18.7	78	034	06	2230	-21.0	75	065	04	2740	-23.5	54	079	05	15
06	1288	-17.4	71	319	10	1744	-16.6	82	-	06	1288	-17.4	71	319	10	1744	-16.6	82	-	-	-
07	1262	-17.9	79	301	12	1718	-16.7	81	289	16	2215	-16.6	81	285	18	2722	-16.9	80	295	15	15
08	1256	-13.6	86	011	09	1757	-15.9	84	019	10	2250	-19.1	81	013	11	2751	-21.6	65	014	13	13
09	1282	-20.7	70	037	13	1730	-22.1	62	044	15	2210	-23.4	55	050	17	2707	-25.4	47	051	18	18
10	1316	-20.1	91	323	08	1768	-19.0	92	327	08	2260	-22.9	91	331	07	2746	-21.4	89	346	07	18
11	1330	-20.1	67	300	12	1778	-22.0	56	307	12	2255	-25.8	49	316	08	2746	-29.3	45	316	08	07
12	1311	-20.2	74	270	13	1758	-23.0	73	265	15	2240	-23.0	63	277	12	2733	-26.4	57	295	05	12
13	1230	-20.2	78	249	11	1671	-26.3	77	245	07	2140	-28.6	67	238	08	2627	-31.3	77	236	12	12
14	1196	-26.0	76	264	13	1635	-27.3	75	266	15	2100	-29.8	74	268	12	2586	-32.5	73	268	12	12
15	1312	-23.2	73	355	10	1755	-25.1	67	352	11	2225	-27.1	62	348	13	2717	-30.1	54	348	12	12
16	1356	-22.0	57	-	-	1803	-22.7	45	-	-	2280	-23.9	42	-	2778	-25.2	38	-	-	-	
17	1395	-22.0	66	355	03	1783	-22.0	40	004	03	2280	-22.7	55	360	04	2762	-23.4	52	020	04	04
18	1322	-20.7	61	338	10	1769	-23.1	84	346	12	2250	-22.5	75	359	11	2750	-22.4	418	011	11	11
19	1356	-19.7	75	-	-	1805	-21.3	71	-	-	2280	-23.2	70	-	2785	-25.6	74	-	-	-	
20	1417	-16.8	65	-	-	1874	-16.0	31	-	-	2370	-17.4	117	-	2874	-20.1	90	-	-	-	
21	1353	-11.1	37	182	07	1818	-13.3	27	182	08	2310	-15.9	31	178	08	2824	-18.8	82	186	08	08
22	1321	-14.3	61	165	02	1786	-12.0	31	150	03	2280	-14.7	58	186	02	2797	-17.9	75	239	02	02
23	1328	-10.6	58	342	04	1796	-11.2	34	132	03	2285	-13.9	59	160	02	2811	-16.2	68	221	04	04
24	1333	-12.6	67	172	02	1796	-12.7	45	186	02	2290	-13.3	38	210	02	2810	-16.0	45	280	03	03
25	1316	-13.9	69	143	02	1777	-14.2	46	078	02	2260	-15.6	52	348	02	2785	-16.9	41	320	07	07
26	1293	-14.2	85	143	02	1753	-14.9	55	143	02	2240	-15.0	44	143	02	2761	-17.4	48	143	02	02
27	1291	-12.8	83	86	-	1754	-14.7	82	86	-	2240	-18.4	81	86	-	2751	-22.4	80	86	-	-
28	1297	-15.3	93	86	-	1756	-15.9	85	86	-	2250	-19.9	82	86	-	2748	-23.3	78	86	-	-
29	1314	-13.7	77	-	-	1770	-13.4	85	-	-	2260	-16.1	82	012	03	2752	-17.4	85	011	03	03
30	1314	-11.1	56	211	03	1773	-11.4	30	223	08	2260	-14.3	33	223	09	2790	-18.2	35	223	10	10
31	1366	-13.4	80	066	09	1828	-14.2	77	076	09	2315	-15.9	67	075	10	2834	-18.9	48	078	09	09
MN	1318	-17.7	73	321	04	1772	-18.6	62	-	-	2256	-20.7	60	-	2760	-23.1	57	338	03	03	

CONSTANT PRESSURE DATA

12 GMT.

Day	SURFACE				1000 MBS				950 MBS				900 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	1022	-16.1	70	350	05	0162	-15.3	72	021	05	0570	-13.4	76	062	07	0979	-16.1	77	072	08	08
02	1019	-18.4	74	000	00	0180	-15.9	75	355	03	0560	-15.0	82	355	05						

MOULD BAY, N.W.T.

OCTOBER 1961

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.

Z	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	3917	-30.5	60	010	05	5192	-38.0	73	022	12	6698	-47.4	026	18	8565	-53.5	024	16
02	3881	-31.4	70	360	04	5151	-39.3	69	001	08	6648	-49.2	003	10	8513	-51.4	004	08
03	3856	-30.2	38	039	02	5129	-39.0	37	028	02	6628	-49.1	029	06	8492	-51.8	036	08
04	3850	-30.7	41	085	09	5130	-37.1	43	106	10	6641	-46.3	110	13	8513	-55.7	106	22
06																		
07	3865	-24.3	77	316	11	5168	-33.9	72	324	12	6695	-44.3	335	10	8571	-53.2	347	10
08	3877	-27.0	33	001	23	5176	-32.8	56	005	29	6713	-43.0	014	33	8597	-53.9	010	34
09	3809	-32.5	34	045	18	5084	-36.7	A21	025	23	6599	-44.6	020	37	8468	-53.5	022	29
10	3846	-31.1	81	356	11	5118	-38.6	74	358	07	6621	-48.0	358	08	8462	-61.2	354	07
11	3836	-33.6	37	306	13	5098	-40.7	70	306	07	6583	-50.8	293	05	8418	-58.7	253	01
12	3830	-33.4	46	270	09	5090	-40.7	7	206	10	6580	-49.4	275	11	8429	-55.8	273	06
13	3701	-38.9	77	232	12	4931	-44.3	24	242	19	6410	-49.3	241	24	8270	-49.8	236	16
14	3659	-38.3	71	266	17	4898	-43.8	26	265	22	6378	-49.7	277	18	8268	-46.4	271	16
15	3798	-36.3	38	336	17	5048	-42.1	35	350	18	6534	-49.8	335	21	8400	-51.8	316	21
16	3889	-30.0	34	300	05	5165	-38.7	A22	304	03	6663	-49.6	297	05	8496	-59.6	273	04
17	3876	-30.0	59	029	05	5150	-38.9	58	307	09	6644	-50.3	038	10	8477	-59.0	007	07
18	3863	-31.1	A20	358	12	5130	-40.3	35	357	17	6622	-49.8	359	21	8456	-60.6	357	19
19	3891	-30.1	66			5169	-38.4	72			6667	-49.4			8500	-60.5		
20	3999	-27.9	57	309	06	5287	-36.3	50	309	11	6800	-47.0	301	10	8664	-57.2	300	14
21	3958	-25.2	70	269	05	5258	-34.3	73	277	06	6782	-45.8	258	07	8640	-58.2	259	08
22	3933	-25.8	77	307	03	5227	-35.6	73	274	05	6745	-46.1	268	08	8630	-52.6	262	15
23	3958	-22.9	77	271	09	5271	-31.8	78	279	17	6813	-42.4	291	17	8699	-54.1	290	21
24	3957	-23.0	43	300	06	5267	-32.8	35	295	06	6801	-44.2	291	11	8682	-54.0	291	10
25	3934	-22.9	58	309	10	5249	-32.0	49	302	16	6782	-43.2	298	18	8672	-55.0	290	30
26	3901	-21.7	57			5224	-31.7	35			6776	-43.1			8672	-53.0		
27	3868	-27.0	75			5160	-35.8	57			6676	-46.6			8553	-52.5		
28	3874	-27.8	70			5160	-37.2	62			6671	-46.4			8545	-52.8		
29	3923	-24.8	22	356	04	5222	-35.0	A21	040	05	6742	-45.4	157	07	8615	-55.0	184	17
30	3922	-26.8	38	220	14	5216	-35.0	62	198	12	6750	-42.8	215	14	8654	-52.3	210	16
31	3966	-26.3	44	077	08	5260	-35.0	65	129	07	6785	-44.6	155	08	8649	-54.5	164	10
MN	3877	-29.0	53			5159	-37.1	55	326	06	6673	-46.7	329	07	8539	-54.7	322	06

CONSTANT PRESSURE DATA 00 GMT.

Z	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	11234	-46.4	021	05	13140	-47.4	021	05	15813	-46.9	109	03	18147	-51.0	152	03
02	11191	-45.8	010	06	13101	-47.5	010	06	15768	-49.9	086	02	18092	-52.0	102	02
03	11174	-46.3	006	03	13082	-47.2	006	03	15755	-49.6	339	01	18077	-52.6	102	01
05	11145	-49.0	099	05	13031	-49.6	099	05	15662	-50.4	093	01	18004	-52.0	270	01
06																
07	11215	-49.4	036	06	13097	-50.4	036	04	15737	-51.6	325	02				
08	11196	-50.1	004	20	13070	-51.3	004	20	15695	-53.0	286	04	17989	-54.5	284	04
09	11223	-49.4	013	11												
10	11030	-49.8	000	00	12910	-50.6	000	00	15547	-52.6	158	05	17836	-55.8	134	04
11	11068	-49.4	262	03	12951	-50.6	262	03	15585	-52.4	177	04	17877	-55.2	169	05
12	10979	-47.7	237	06	12870	-49.8	237	06	15507	-52.7	233	02	17797	-55.2	243	08
13	10972	-47.0	278	09	12868	-49.3	278	05	15510	-52.4	263	07	17804	-55.2	230	10
15	11046	-49.2	279	12	12933	-50.1	279	12	15566	-53.0	287	12	17853	-55.6	274	12
16	11094	-52.1	283	10	12956	-52.3	283	10	15578	-53.4	281	11	17862	-56.6	285	12
17	11100	-50.5	298	10	12974	-51.2	292	12	15604	-52.4	305	14	17899	-55.2	299	15
18	11061	-50.8	327	14	12937	-50.2	320	14	15574	-52.7	316	13	17863	-55.3	300	17
19	11091	-51.9			12960	-51.6			15591	-51.8			17889	-55.0		
20	11219	-54.4	306	14	13075	-51.7	307	19	15702	-52.2	302	21	18003	-54.2	291	20
21	11239	-51.1	279	11	13111	-50.8	282	13	15754	-50.5	289	16	18065	-53.7	293	16
22	11277	-48.4	284	11	13170	-48.4	284	09	15839	-48.5	287	14	18189	-49.9	282	17
23	11267	-51.7	270	08	13144	-49.9	276	10	15798	-52.5	289	11	18099	-52.3	294	14
24	11279	-53.2	243	06	13149	-49.5	241	06	15798	-50.8	229	08	18115	-52.1	261	10
26	11274	-53.0	305	07	13145	-50.0	264	04	15800	-50.1	202	13	18122	-51.8	223	12
27	11205	-49.7			13087	-50.2			15797	-50.3			18125	-50.7		
28	11188	-49.3							15728	-51.2			18045	-52.0		
29	11251	-48.9	215	19	13142	-48.6	221	11	15797	-50.8	230	14	18112	-52.6	230	27
30	11240	-52.8	210	15	13105	-51.5	224	17	15739	-51.2	236	15	18054	-52.6	235	19
31	11252	-53.8	183	12	13103	-54.0	192	11	15692	-55.9	240	08	17952	-57.6	234	14
MN	11167	-50.1	285	05	13048	-50.1	279	05	15691	-51.6	276	06	17995	-53.6		

CONSTANT PRESSURE DATA 12 GMT.

Z	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	3935	-30.2	76	039	06	5206	-39.7	73	036	11	6704	-48.1	035	20	8561	-55.0	044	22
02	3897	-31.2	75	357	05	5168	-38.9	79	008	10	6669	-48.0	005	15	8533	-55.2	005	13
03	3864	-31.6	66	045	03	5133	-39.1	40	096	04	6631	-48.9	063	05	8492	-52.3	024	07
04	3835	-30.6	67	076	05	5103	-39.2	42	090	07	6602	-48.8	107	11	8460	-51.5	105	11
05	3869	-27.3	56	105	05	5163	-34.7	55	092	10	6690	-44.2	086	14	8575	-55.0	094	16
06	3871	-23.9	71	357	11	5188	-31.0	67	015	13	6732	-42.2	012	12	8611	-56.6	002	13
07	3884	-25.8	59			5186	-32.7	57	020	23	6722	-44.4	019	25	8600	-55.8	005	24
08	3839	-29.0	46	005	25	5126	-35.0	44	004	33	6658	-42.2	002	41	8560	-52.5	002	39
09	3827	-31.4	73	026	13	5100	-38.0	59	020	12	6605	-48.9	021	11	8449	-59.9	011	15
10	3846	-31.4	65	319	07	5117	-38.8	57	320	07	6618	-47.2	322	07	8474	-58.1	314	04
11	3855	-35.1	64	267	13	5113	-40.4	64	230	10	6601	-50.5	233	07	8442	-57.0	212	02
12	3774	-39.0	66	227	11	5038	-40.0	62	224	17	6534	-48.2	226	21	8400	-53.5	232	17
13	3695	-38.9	74	251	15	4923	-47.6	61	234	13	6383	-50.1	255	12	8280	-46.1	254	10
14	3883	-38.7	64	327	20	4924	-42.8	64	322	21	6412	-47.9	320	22	8322	-45.3	308	23
15	3883	-30.3	34	312	12	5159	-38.4	A22	305	10	6656	-49.2	306	07	8498	-61.0	305	10
16	3885	-30.6	57															

MOULD BAY, N.W.T.

NOVEMBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Zp	SURFACE				1000 MBS				950 MBS				900 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	1015	-16.9	78	350	02	0132	-15.7	78		0520	-14.2	81		0929	-16.1	86					
02	1022	-17.5	67	340	05	0180	-18.1		0560	-18.0			0967	-21.1							
03	1027	-17.7	63	120	01	0175	-18.0	66	169	01	0950	-19.7	73	296	01						
04	1019	-19.6	83	130	03	0160	-19.6	83		0540	-19.6	84		0942	-19.8	83					
05	1017	-22.7	60	340	05	0144	-21.4	63	332	04	0530	-23.7	73	515	04						
06	1011	-33.1	72	000	00	0100	-28.0	67	102	02	0470	-22.2	68	083	06	0870	-22.1	74	106	09	
07	1012	-29.5	31	000	00	0104	-29.8	36	000	00	0470	-24.5	55	015	02	0865	-25.3	64	943	02	
08	1007	-27.4	77	170	07	0070	-27.8	77		0440	-22.1	76		0834	-22.4	75					
09	1000	-26.3	70	260	05	0020	-26.3	70	260	05	0380	-30.3	72	296	04	0774	-27.9	72	246	06	
10	1000	-35.2	71	000	00	0020	-35.2	71	000	00	0380	-34.8	70	227	04	0758	-31.6	70	239	03	
11	1005	-38.7	000	00	0054	-38.6	000	00	000	00	0400	-34.2	45	280	04	0791	-30.2	55	298	06	
12	1007	-34.7	91	110	03	0067	-34.0	52		0430	-29.7	53		0819	-26.0	56					
13	1001	-25.9	150	06	0027			154	06	0400	-26.3	75	186	08	0790	-24.2	79	187	09		
14	1001	-32.2	65	110	01	0023	-32.2	65	110	01	0400	-23.0	65	269	08	0790	-22.3	66	172	10	
15	0997	-21.6	81	180	16	-002		0380	-22.3	83	224	15	0790	-17.1	86	248	20				
16	0998	-18.4	84	180	09	0004		0400	-10.1	60	216	11	0809	-11.9	48	238	16				
17	0989	-15.1	82	350	03	-061		0320	-16.1	77	360	05	0732	-16.0	80	157	03				
18	0994	-22.1	81	315	09	-024		0350	-20.6	77	341	09	0755	-20.1	85	348	08				
19	1008	-28.2	47	080	02	0076	-27.7	50	105	02	0430	-26.1	68	270	06	0842	-21.9	75	278	07	
20	1007	-31.5	64	350	05	0071	-31.1	47	350	05	0440	-28.8	78	343	04	0829	-25.2	81	235	04	
21	1009	-33.5	45	070	01	0083	-32.1	48	085	02	0450	-25.9	65	203	04	0841	-26.2	71	230	04	
22	1005	-22.1	77	180	02	0055	-22.2	76	182	04	0430	-20.0	76	174	12	0836	-14.3	76	170	13	
23	1014	-25.1	65	180	05	0117	-24.9	65	180	06	0500	-22.7	72	181	15	0895	-15.4	70	186	17	
24	1015	-23.1	80	135	05	0129	-22.2	78		0500	-21.1	77		0908	-18.6	80					
25	1009	-15.8	81	150	11	0087	-16.1	81	152	12	0460	-17.3	81	166	15	0876	-18.7	81	163	14	
26	1012	-17.6	84	150	04	0112	-17.9	84	168	04	0490	-19.5	84	183	05	0895	-21.1	81	182	07	
27	1016	-31.7	66	300	08	0130	-30.6	66	308	08	0500	-27.1	63	323	11	0889	-25.2	64	303	11	
28	1031	-25.5	78	000	00	0242	-25.3	78		0610	-20.8	74		1020	-18.9	73					
29	1028	-23.6	71	180	15	0219	-24.6	73	187	15	0605	-13.7	62	202	14	1016	-11.6	36	208	14	
30	1030	-28.7	75	180	11	0232	-22.0	77	183	16	0610	-11.9	46	200	15	1035	-10.7	27	260	17	
MN	1010	-25.3	70		92	-25.7	68		466	-22.3	70		865	-21.0	71						

Zp	850 MBS				800 MBS				750 MBS				700 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	1358	-17.0	89		1814	-17.2	86		2300	-19.2	82		2807	-21.2	77						
02	1393	-15.6		1849	-18.3		2320	-18.2		2821	-21.1		2842	-21.1							
03	1380	-18.2	76	240	02	1834	-18.3	77	160	04	2310	-20.6	76	156	05	2821	-22.9	74	128	07	
04	1366	-20.7	86		1812	-23.3	84		2280	-26.1	82		2778	-28.7	79						
05	1332	-22.7	82	310	05	1778	-22.6	77	315	05	2250	-24.4	66	334	06	2750	-26.4	53	334	06	
06	1289	-25.6	75	120	08	1732	-24.6	70	116	10	2210	-24.5	67	192	04	2703	-26.8	44	145	01	
07	1278	-26.5	72	074	03	1716	-27.4	74	068	05	2190	-29.3	74	082	09	2669	-31.1	75	084	06	
08	1255	-22.2	77		1699	-24.6	76		2180	-26.9	75		2662	-29.5	74						
09	1183	-29.4	72	239	08	1615	-31.0	72	231	05	2080	-32.7	72	228	05	2556	-34.6	72	240	07	
10	1162	-32.4	72	237	03	1588	-34.0	73	236	03	2040	-35.8	74	248	03	2515	-37.7	76	266	05	
11	1197	-30.4	56	302	08	1629	-30.7	58	304	09	2100	-31.7	59	305	11	2573	-34.0	58	303	13	
12	1233	-25.7	62		1675	-25.7	68		2150	-27.9	72		2633	-31.3	75	235	14				
13	1206	-25.7	82	190	08	1645	-27.0	84	187	09	2110	-27.2	85	184	11	2605	-30.0	86	180	11	
14	1208	-23.9	74	282	09	1652	-25.1	72	300	11	2110	-28.2	69	310	13	2609	-31.4	66	304	16	
15	1205	-19.8	84	244	14	1653	-22.7	83	252	12	2120	-25.7	82	262	12	2621	-28.9	80	266	12	
16	1245	-14.2	38	230	24	1704	-16.6	33	247	17	2190	-19.0	33	256	14	2697	-21.5	33	282	09	
17	1164	-15.3	87	297	02	1627	-11.0	91	140	03	2120	-12.8	88	177	03	2645	-15.0	86	225	05	
18	1177	-17.0	84	339	08	1633	-17.7	84	316	08	2110	-19.5	69	327	10	2627	-19.9	59	328	11	
19	1265	-20.8	62	291	08	1713	-21.2	40	293	08	2200	-21.8	32	286	10	2695	-23.2	51	283	12	
20	1244	-24.9	83	301	02	1665	-26.8	67	239	02	2130	-29.0	67	196	04	2639	-31.4	67	195	05	
21	1253	-28.5	73	265	05	1687	-30.0	76	261	07	2160	-30.8	77	258	08	2635	-32.8	79	249	10	
22	1267	-16.9	72	198	14	1720	-19.2	64	207	17	2200	-17.4	31	218	19	2717	-21.0	33	220	18	
23	1327	-13.7	42	195	17	1787	-16.4	32	190	09	2275	-20.3	38	191	14	2776	-24.6	44	187	15	
24	1334	-18.9	82		1789	-21.1	80		2260	-24.3	77		2797	-28.0	74						
25	1301	-20.1	81	162	17	1749	-21.8	80	168	21	2230	-23.3	79	175	21	2727	-25.1	79	182	19	
26	1314	-24.1	86	180	08	1756	-24.7	84	180	10	2230	-24.8	82	172	13	2726	-26.9	82	169	14	
27	1303	-28.5	64	266	06	1764	-29.3	66	314	06	2190	-30.2	64	308	06	2680	-30.0	60	299	08	
28	1285	-19.3	88	189	02	1794	-20.3	82	324	04	2380	-21.7	40	319	07	2778	-20.3	30	315	07	
29	1455	-09.2	A15	198	12	1923	-10.0	38	260	04	2420	-10.3	59	283	06	2950	-13.3	62	318	10	
30	1476	-09.0	33	198	18	1945	-10.6	33	188	13	2430	-12.0	33	169	10	2969	-12.3	31	175	11	
MN	1287	-21.1	70	225	06	1735	-22.3	69		2210	-23.9	66		2709	-26.2	64	239	05			

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Zp	SURFACE				1000 MBS				950 MBS				900 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	1020	-15.1	78	000	00	0167	-15.8	79	000	00	0550	-17.3	81	000	00	0956	-19.0	84	000	00
02	1021	-18.9	83	000	00	0174	-19.8	71	000	00	0555	-19.2	75	000	00	0959	-17.4	78	000	00
03	1019	-20.5	76	000	00	0161	-19.0	72	000	00	0540	-19.0	69	000	00	0945	-21.4	71	247	0

MOULD BAY, N.W.T.

NOVEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No. LATITUDE 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. 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	3931	-27.9	64	014	07	5218	-36.4	48	360	07	6736	-45.6	352	04	8607	-55.9	226	04	
02	3964	-28.3				5249	-36.5		241	06	6766	-45.4		237	10	8645	-55.0	246	13
03	3938	-28.6	71	135	08	5225	-36.9	70	149	10	6732	-48.1		150	11	8585	-56.4	173	11
04	3871	-33.2	75			5129	-41.5				6617	-49.2		254	05	8501	-48.6	238	08
05	3852	-32.2	44	332	07	5119	-39.8	39	332	11	6610	-50.5		332	10	8452	-53.8	308	12
06	3801	-33.2	46	215	02	5060	-41.2		266	06	6547	-49.7		242	10	8406	-52.9	278	06
07	3752	-35.7	77	090	06	5000	-43.2		086	02	6473	-52.2		350	02	8317	-53.1	338	08
08	3746	-36.5	74			4991	-43.1				6472	-49.8		290	15	8355	-51.4	294	12
09	3624	-38.7	71	257	12	4864	-43.2		248	12	6347	-49.0		243	07	8238	-46.4	284	08
10	3570	-41.0		262	08	4805	-41.7		288	13	6301	-46.8		276	09	8207	-46.2	282	08
11	3641	-39.3	57	299	17	4875	-44.8		289	18	6346	-51.4		285	20	8201	-51.7	276	22
12	3718	-34.9	78	329	14	4972	-41.7		230	15	6456	-50.4		229	23	8302	-55.0	228	20
13	3688	-36.5	90	181	12	4931	-44.7		176	15	6392	-53.5		182	15	8229	-55.0	205	13
14	3666	-37.2	58	283	13	4931	-42.8		283	14	6411	-50.3		283	24	8276	-51.7	280	18
15	3715	-34.7	82	297	13	4984	-38.5	81	320	15	6482	-49.6		319	14	8351	-56.4	310	16
16	3820	-27.3	37	244	19	5112	-35.5	43	293	27	6631	-45.9		256	40	8500	-56.8	248	28
17	3793	-23.2	83	166	04	5101	-35.5	81	227	03	6650	-45.9		045	04	8533	-54.7	241	05
18	3756	-27.4	43	319	10	5042	-37.0	52	307	05	6548	-47.8		225	04	8405	-56.0	247	08
19	3807	-30.8	56	262	10	5076	-40.0	58	254	12	6570	-48.9		255	15	8415	-60.0	295	11
20	3719	-36.7	88	217	05	4963	-44.2		199	10	6433	-51.5		187	14	8286	-53.0	210	19
21	3709	-37.5	83	267	17	4952	-43.6		267	25	6426	-51.6		272	31	8258	-60.1	266	22
22	3837	-29.0	58	233	17	5115	-38.9	78	250	13	6606	-51.4		233	20	8451	-64.4	250	24
23	3888	-30.8	36	193	14	5158	-39.8	40	183	14	6650	-49.2		194	09	8482	-62.1	266	22
24	3851	-33.5	42			5109	-41.0		182	09	6599	-49.2		226	03	8434	-61.8	272	05
25	3830	-33.3	73	182	22	5087	-41.5		181	26	6565	-52.2		192	25	8371	-63.1	183	26
26	3820	-34.8	77	174	19	5068	-44.0		165	19	6529	-55.6		166	25	8343	-59.1	170	13
27	3772	-36.3	60	033	11	5013	-43.2		036	16	6474	-52.0		033	19	8318	-55.9	026	19
28	3991	-28.7	119	353	14	5282	-33.4	51	355	21	6826	-40.9		355	29	8728	-53.2	353	38
29	4108	-28.8	73	343	10	5436	-29.4	62	332	17	7082	-37.1	66	337	18	8940	-50.0	340	30
30	4135	-17.6	26	177	02	5479	-25.4	A19	247	07	7064	-36.4	A21	285	08	8997	-51.7	302	10
MN	3811	-32.2	62			5078	-39.6	56	251	06	6575	-48.5	44	237	08	8435	-55.0	262	09

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	3956	-27.9	53		5244	-36.1	43		6761	-45.6			8641	-54.7			149	11		
02	3970	-27.4	43	139	03	5260	-35.7	56	198	04	6778	-46.6		159	09	8643	-57.5	149	11	
03	3897	-31.0	70	118	12	5166	-39.9	65	119	07	6660	-47.7		135	07	8542	-50.4	196	11	
04	3863	-33.5	70	334	06	5122	-41.1		342	11	6610	-50.0		347	15	8495	-47.9	195	09	
05	3824	-33.2	49			5084	-41.0		304	08	6571	-50.2		292	06	8413	-57.1	284	08	
06	3782	-34.1	66	175	04	5040	-41.1		205	04	6528	-50.1		254	03	8393	-51.5	301	07	
07	3765	-36.0	72	322	06	5011	-42.9		332	07	6492	-50.1		339	10	8356	-51.8	319	08	
08	3661	-37.8		221	17	4904	-43.1		230	14	6384	-50.4		234	15	8277	-47.1	257	09	
09	3588	-39.6	70	239	12	4824	-43.9		256	12	6305	-49.2		270	10	8198	-47.9	289	08	
10	3591	-40.5		319	13	4818	-46.6		306	13	6288	-48.7		286	10	8184	-48.0	276	12	
11	3683	-37.6	55	253	15	4923	-44.3		250	20	6392	-52.6		250	27	8231	-55.5	247	22	
12	3725	-35.2	82	212	15	4976	-42.8		220	17	6452	-52.0		206	18	8274	-61.0	210	18	
13	3673	-36.3	66	320	02	4917	-43.9		275	02	6386	-53.0				8230				
14	3707	-36.2	80	244	14	4954	-42.5		249	19	6430	-53.0		250	25	8272	-53.5	248	18	
15	3790	-27.8	78	273	22	5075	-37.0	79	280	19	6583	-47.4		287	25	8443	-57.6	298	29	
16	3817	-24.7	77	189	05	5123	-33.0	77	217	10	6660	-43.2		244	13	8550	-55.5	249	12	
17	3772	-24.6	78	232	07	5072	-34.4	75	248	05	6595	-45.6		267	05	8469	-56.2	244	09	
18	3771	-29.6	52	286	14	5049	-36.5	38	208	09	6546	-50.1		291	12	8373	-61.2	280	10	
19	3765	-32.8	77	211	10	5026	-41.1		205	15	6506	-51.7		213	18	8344	-58.4	209	17	
20	3679	-39.6	73	277	11	4910	-46.0		278	13	6370	-53.8		267	13	8190	-57.0	255	14	
21	3775	-32.3	78	247	18	5038	-41.1		257	21	6518	-52.5		256	20	8333	-61.2	259	20	
22	3857	-29.2	76	207	20	5135	-38.7	74	207	19	6634	-49.4		207	17	8457	-62.4	224	23	
23	3872	-32.2	A20	153	12	5134	-41.2		148	10	6614	-52.0		142	05	8440	-61.1	311	02	
24	3857	-31.9	76	181	16	5126	-38.0	63	184	18	6627	-49.5		186	09	8461	-61.5	190	17	
25	3846	-31.1	78	176	23	5112	-40.4		176	20	6595	-52.0		170	26	8410	-63.6	177	23	
26	3765	-35.5	76	128	09	5011	-44.6		135	15	6471	-52.8		130	16	8313	-56.5	132	13	
27	3864	-34.4	42	028	19	5117	-41.8		024	24	6604	-49.2		014	31	8477	-52.6	011	46	
28	4038	-23.9	81	329	15	5350	-31.1	76	344	18	6901	-41.0		339	30	8816	-51.0	344	39	
29	4132	-19.6	52			5470	-26.0	32	321	06	7053	-35.8		359	320	15	8955	-49.6	285	14
30	4118	-16.5	A17	110	07	5466	-25.1	A18	095	05	7050	-36.7		39	144	07	8978	-52.0	267	03
MN	3813	-31.7	65			5082	-39.4	58	244	06	6579	-48.7	47	260	07	8440	-55.2	260	08	

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

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	11205	-52.6			194	04	13060	-53.0		207	04	15671	-53.9		245	06	17949	-56.3	288	09
02	11221	-52.9			207	05	13074	-53.4		296	02	15678	-54.3		325	09	17957	-56.3	326	13
03	11215	-50.1			225	06	13096	-49.9		284	06	15745	-51.0		316	11	18051	-53.9	318	17
04	11191	-46.6			259	10	13096	-47.6		267	10	15774	-46.5		289	11	18106	-50.4	296	16
05	11105	-47.4			279	10	13016	-46.1		275	09	15705	-47.5		284	13	18045	-51.2	295	18
06	11072	-47.0			262	10	12985	-46.1		272	11	15675	-46.9		287	16	18034	-48.3	297	15
07	11067	-48.5																		

MOULD BAY, N.W.T.

DECEMBER 1961

STATION INSTRUMENTATION

USWB type radiolozes, GMD RDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION
74072 76°14'N 119°20'W 20 METERS

CONSTANT PRESSURE DATA 00 GMT.

Table with columns for Day, SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include altitude, temp, R.H., wind for various days from 01 to 31.

CONSTANT PRESSURE DATA 00 GMT.

Table with columns for Day, 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include altitude, temp, R.H., wind for various days from 01 to 31.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for Day, SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include altitude, temp, R.H., wind for various days from 01 to 31.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for Day, 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include altitude, temp, R.H., wind for various days from 01 to 31.

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.

DECEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, GMD EDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION
74672 76°14'N 119°20'W 20 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

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	4084	-22	2	A18 176	03	5409	-28	1	A19 136	14	6978	-39	1	A22 124	15	8892	-53	2	107	20		
02	3967	-22	9	A18 130	12	5283	-30	5	A20 133	13	6837	-40	6	132	11	8731	-55	9	123	15		
03	3834	-27	6	71 134	19	5136	-33	7	67 121	19	6661	-46	5	144	27	8520	-57	2	156	28		
04	3728	-30	0	41 057	30	5017	-35	2	57 047	44	6542	-44	8	047	47	8427	-52	8				
05	3667	-37	8	76 060	30	4905	-43	8	054	30	6391	-47	9	056	40	8269	-48	8	043	29		
06	3661	-40	3	034 15	48	4882	-48	8	031	22	6335	-51	9	032	28	8210	-50	1	029	20		
07	3741	-40	6	316 22	49	4967	-47	0	325	25	6427	-50	9	329	29	8304	-50	2				
08	3935	-29	7	46 253	15	5213	-38	8	33	227	11	6710	-39	3	252	09	8555	-59	4	278	13	
09	3951	-34	7	73 248	11	5205	-42	0	249	13	6684	-51	7	240	14	8520	-57	4	238	15		
10	3895	-36	9	38 295	13	5138	-44	4	297	12	6612	-50	9	297	20	8462	-55	5	299	22		
11	3902	-35	0	31 345	10	5136	-44	6	341	12	6643	-49	8	334	16	8493	-56	9	327	25		
12	3931	-32	1	A20 002	08	5196	-40	5	338	15	6683	-50	8	343	21	8516	-60	6	326	30		
13	3832	-27	2	A19 215	11	5124	-34	5	67	227	14	6646	-46	0	243	16	8517	-58	0	328	21	
14	3565	-30	6	A20 044	14	4842	-37	5	A22 029	11	6344	-49	2	007	09	8199	-55	0	330	17		
15	3471	-44	2	287 14	47	4705	-43	2	301	11	6185	-48	7	292	12	8067	-52	8	299	12		
16	3706	-37	0	72 003	18	4953	-43	2	010	19	6424	-53	0	020	24	8231	-63	8	021	21		
17	3735	-34	7	34 329	24	4991	-42	2	339	20	6473	-50	0	353	22	8297	-63	2	028	21		
18	3733	-32	6	34 030	39	5001	-39	8	A22 034	41	6487	-51	8	037	42	8305	-62	8	014	33		
19	3789	-32	9	A20 018	35	5050	-39	9	014	39	6544	-49	1	021	49	8382	-59	7				
20	3789	-34	7	74 070	10	5034	-43	6	080	14	6500	-54	0	079	17	8308	-60	8	066	19		
21	3683	-38	2	69 019	11	4920	-45	4	032	18	6379	-54	5	038	13	8208	-58	0	035	13		
22	3774	-38	8	71 295	10	5023	-43	0	343	10	6495	-52	6	352	12	8307						
23	3826	-36	4	74 238	06	5073	-43	4	239	09	6545	-52	6	251	08	8357	-63	6	245	11		
24	3819	-37	0	57 311	07	5062	-44	1	310	11	6533	-62	3	310	11	8339	-62	3	300	10		
25	3850	-36	8	48 217	03	5094	-43	9	238	03	6558	-54	3	257	08	8370	-62	3	258	08		
26	3874	-35	9	37 124	08	5124	-42	5	148	03	6610	-50	0	173	14	8437	-61	7	201	13		
27	3778	-35	7	69 051	16	5032	-41	4	103	04	6518	-50	5	112	06	8379	-55	5	182	04		
28	3685	-37	4	66 316	05	4936	-40	4	226	01	6432	-49	5	188	04	8290	-56	0	163	06		
29	3614	-38	2	71		4865	-40	8			6359	-48	3			8224	-55	7				
30	3662	-38	3	57 253	05	4900	-44	9	229	07	6363	-53	5	206	10	8192	-57	2	226	09		
31	3642	-36	9	33 355	10	4886	-43	7	019	08	6357	-52	5	037	08	8182	-56	9	008	08		
MN	3778	-34	5	48		5036	-41	0	38	15	07	6524	-49	9	22	23	08	8371	-57	4	341	06

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	11404	-69	0		103	12	13103	-70	7	148	05	15519	-70	8	227	07	17621	-73	1	246	11	
02	11220	-68	2		114	10	12960	-65	4	082	05	15432	-65	7	326	04	17563	-69	1	304	08	
03	11077	-58	2		122	28	12885	-59	2	015	04	15415	-62	6	010	04	17593	-67	1	309	08	
04	10993	-60	9				12801	-59	4			15326	-61	9			17512	-67	1			
05	10917	-50	9		340	17	12772	-56	5	213	10	15305	-63	3	074	03	17469	-69	0	070	12	
06	10864	-51	6		013	11	12717	-54	7	136	04	15268	-62	8	205	07	17428	-69	3	239	29	
07	10947	-52	5		278	20	12789	-56	5	213	07	15329	-62	1	263	06	17509	-67	1	238	09	
08	11053	-60	8		269	15	12849	-60	1	274	12	15367	-62	1	289	11						
09	11067	-56	9		264	12	12912	-56	4	286	14	15481	-57	4	295	17	17710	-60	5	316	18	
10	11072	-52	9		298	23	12927	-53	1	296	18	15520	-53	5	298	18	17757	-60	7	301	22	
11	11070	-56	1		311	24	12901	-55	8	319	28	15479	-56	7	302	29	17711	-62	3	297	33	
12	11038	-59	6		323	28	12847	-58	3	309	19	15381	-60	3	312	25						
13	11017	-62	0		288	20	12804	-61	3	290	21	15311	-63	4	298	25	17497	-65	0	305	30	
14	10788	-56	8		290	14	12600	-59	4	294	13	15120	-62	7	299	24	17304	-65	6	302	31	
15	10654	-58	2		305	13	12471	-59	2	313	16	14972	-65	0	300	17	17130	-68	4	308	19	
16	10739	-60	0		351	12	12532	-62	1	335	13	15016	-64	7	330	13	17173	-68	9	320	14	
17	10795	-61	3		008	13	12577	-62	1	012	09	15057	-67	0	358	12	17189	-71	4	348	15	
18	10824	-61	5		002	17	12598	-64	9	005	08	15062	-68	1	018	05	17175	-73	6	020	19	
19	10912	-62	2				12679	-65	7			15121	-67	6			17232	-74	1			
20	10855	-60	0		053	08	12608	-63	3	058	17	15074	-66	6	045	11	17204	-72	2	056	11	
21	10749	-58	9		030	10	12544	-62	5	042	05	15011	-68	4	039	06	17126	-72	7	015	08	
22																						
23	10842	-61	9		276	03				273	09	15086	-66	6	285	14	17228	-70	4	301	13	
24	10835	-61	1		275	08	12613	-63	3	270	13	15180	-64	0	266	18	17343	-68	7	265	19	
25	10891	-60	3		247	10	12680	-61	8	250	13	15205	-66	0	233	16	17338	-71	6	248	19	
26	10938	-61	9		206	13	12719	-62	6	219	13	15205	-66	0	207	14	17337	-71	2	229	14	
27	10939	-59	1		178	09	12729	-62	5	210	11	15205	-67	1	229	08	17234	-70	9	238	13	
28	10844	-60	0		182	07	12627	-62	0	180	06	15100	-67	0	229	08	17234	-70	9	238	13	
29	10782	-59	7				12578	-62	6			15055	-66	9			17189	-70	8			
30	10794	-58	7		234	09	12550	-61	4	240	13	15042	-65	6	251	15	17202	-69	5	252	19	
31	10754	-57	6		314	13	12556	-61	1	287	09	15048	-65	8	270	12	17194	-70	0	278	20	
MN	10921	-59	3		306	06	12722	-60	8	292	06	15224	-64	3	291	10	17370	-68	9			

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

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	4035	-26	0	A19 138	12	5338	-32	3	A20 172	11	6888	-40	0	A22 168	11	8800	-52	4	166	16	
02	3852	-27	0	43 065	26	5145	-34	0	39	052	32	6682	-42	6	044	28	8573	-50	0	042	28
03	3823	-23	1	79 071	19	5135	-32	0	75	075	22	6676	-43	5	090	22	8556	-54	2	092	27
04	3701	-34	7	35 077	33	4957	-39	9	42	082	30	646									

MOULD BAY, N.W.T.

DECEMBER 1961

STATION INSTRUMENTATION

USWS type radiocane, 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. 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	19582	-75.4		264 11	22518	-78.8		277 11								
02	19577	-72.5		120 11												
03	19606															
04	19511	-73.5														
05	19455	-74.6														
06	19426	-71.5		277 23	22413											
07	19521	-70.7		270 11	22541	-72.2		305 16	24921	-73.7		306 19				
08																
09	19792	-64.2		328 22	22881	-69.3		315 17								
10	19829	-66.4		306 23	22909	-69.7		299 43	25299	-74.3		301 26	29292	-75.8		306 21
11	19789	-64.3		306 32	22855	-71.3		303 41	25229	-75.4		305 46	29255	-74.4		
12																
13	19543															
14	19336	-68.3		304 37	22396	-69.1										
15																
16	19166	-73.0		324 22	22127	-76.5		310 22	24456	-77.8		318 32				
17																
18	19120	-76.7		354 12	22045	-78.9		360 11								
19	19183	-76.2			22112	-78.3			24422	-79.0						
20	19160	-75.0														
21	19087	-75.7		017 07	22013	-78.8		005 10	24313	-80.3		333 12				
22																
23																
24	19196	-76.6		296 21	22114	-79.1		297 32	24409	-81.2		302 25	28308	-80.5		
25	19336	-73.3		269 25	22283	-78.4										
26	19310	-74.1		244 20	22255	-77.9		271 23	24575	-78.6		266 24				
27	19309	-75.1		240 18	22242	-78.4		245 21	24550	-79.6		258 23	28488	-76.8		261 27
28	19210	-74.5		254 15	22143											
29	19168	-73.4			22134	-76.7			24460	-77.6						
30	19182	-73.0		259 25	22127							272 39				
31	19177	-74.0		275 20	22123	-77.8		270 28	24435	-79.6						
MN	19383	-72.7			22328	-75.7			24643	-77.9			28836	-76.9		

00 GMT. SPECIAL AEROLOGICAL DATA

Day	SURFACE SYNOPSIS DATA										FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL								
	Day	Mo	Co	Ca	Cu	vw	wv	ocpp	g	U	Lowest		Highest		g	Alt.	Pres.	Temp.	σ	g	Alt.	Pres.	Temp.	σ	g	Alt.	Pres.	Velocity			
											gpm.	mb.	gpm.	mb.															gpm.	mb.	gpm.
01	15400	03	6	09	0						1	12	10	178	-73	2	328	0							9	09	21	284	101	21	
02	10970	02	7	30	0						1	11	60	188	-69	1	328	0							9	19	72	049	118	16	
03	80940	03	5	08	0						1	09	27	265	-59	7	312	0							8	10	50	219	129	40	
04	854	36	5	01	0						2	10	35	221	-80	3	327	0							1	07	86	327	055	101	
05	25900	01	6	09	0						1	05	90	431	-48	5	286	1	09	78	238	-54	1	330	8	06	89	371	050	58	
06	25600	02	2	05	0						2	05	07	486	-50	0	275	2	17	01	975	-68	9	428	1	21	30	036	236	40	
07	45500	01	1	47	0						2	05	40	467	-49	4	278	0							9	09	61	245	321	67	
08	00900	02	7	05	0						2	09	50	256	-64	8	508	0							8	09	80	245	278	17	
09	864	03	3	08	0						2	07	80	352	-54	8	299	2	16	10	091	-58	8	425	9	22	22	034	258	49	
10	00900	02	7	05	0						1	08	34	307	-56	9	305	0							1	29	24	018	315	55	
11	00900	02	7	05	0						1	08	79	287	-62	0	302	0							8	09	30	264	326	44	
12	00900	02	7	05	0						1	09	47	257	-65	0	307	0							8	18	84	056	304	36	
13	855	38	7	51	0						2	06	71	377	-52	1	292	0							1	22	38	030	302	51	
14	00900	02	7	05	0						2	05	85	421	-48	7	288	1	08	67	272	-55	2	317	1	17	41	067	298	22	
15	865	39	1	11	0						1	08	11	305	-64	0	295	0							1	26	10	013	328	37	
16	00900	02	2	21	0						1	08	88	272	-66	6	300	0							8	05	94	583	331	29	
17	70820	38	8	06	0						1	08	31	300	-62	8	297	0							9	04	58	537	635	47	
18	20970	02	2	36	0						1	08	16	310	-60	3	299	0							1	29	24	008	261	30	
19	00900	02	0	30	0						1	07	69	331	-61	0	291	2	11	34	184	-63	3	340	8	08	40	295	645	20	
20	00901	02	7	01	0						I	09	27	253	-60	0	316	0							9	26	54	013	344	20	
21	55650	03	3	01	0						0														1	07	92	319	340	13	
22	00901	02	2	14	0						I														6	07	85	324	247	13	
23	70870	03	1	03	0						1	09	47	250	-66	8	307	0							9	22	50	028	300	33	
24	20871	71	2	04	0						1	08	88	273	-63	8	303	1	19	91	044	-78	9	474	6	07	85	324	247	13	
25	00900	02	7	05	0						1	08	42	297	-62	7	298	0							1	22	22	030	279	29	
26	00900	02	7	05	0						1	09	10	268	-63	4	306	0							9	20	25	043	242	25	
27	8083	38	6	13	0						1	09	18	264	-58	5	314	0							1	29	74	008	261	30	
28	00900	02	7	05	0						2	07	78	324	-59	2	301	0							1	1	21	40	034	249	17
29	30840	01	1	01	0						12	37	155	-62	2	359	0								9	18	63	093	255	25	
30	00900	02	2	10	0						1	07	21	349	-58	3	291	0							1	27	24	012	272	41	
31	00900	01	7	03	0						1	07	21	349	-58	3	291	0							9	18	63	093	255	25	
MN	00900	01	7	03	0						1	07	21	349	-58	3	291	0							1	27	24	012	272	41	

MEAN

08 35 308 -59 6 302

13 78 146 -64 0 382

CONSTANT PRESSURE DATA 12 GMT.

Day	50 MBS				30 MBS				20 MBS				10 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	19715	-70.8														
02	19626	-70.3		319 12	22612	-76.4		292 17	24926	-80.5		280 24				
03	19617	-71.0		280 12	22592	-76.8										
04	19622															
05	19502	-71.0		255 14	22499											
06	19501	-70.7		281 13	22502	-72.8										
07	19610	-64.5		300 06	22711	-68.0		300 18								
08																
09	19936	-62.8		314 17	23043	-67.7		307 23	25466	-70.9						

RESOLUTE, N.W.T.

JULY 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR558 RDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION
72924 74°43'N 94°59'W 64 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Pb	SURFACE				1000 MBS				950 MBS				900 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	0999	001.2	83	270	03	0055	001.2	83	270	03	0480	-02.7	75	290	05	0891	-06.0	76	265	03
02	1000	001.2	83	270	03	0054	001.2	83	270	03	0460	-02.1	84	266	02	0901	-05.5	85	331	02
03	1002	001.7	97	140	09	0080	001.6	96	143	09	0490	00.0	86	211	09	0926	-01.6	82	230	08
04	1009	004.3	76	140	12	0136	004.6	75	140	13	0560	003.0	86	167	14	0990	000.6	84	180	10
05	1009	007.9	77	130	11	0135	008.4	76	-	-	0570	009.0	72	-	1011	006.0	67	-	-	
06	1005	005.0	98	160	09	0105	005.0	97	170	10	0510	005.0	95	202	14	0974	000.5	96	210	13
07	1006	005.4	95	010	11	0112	005.4	95	010	09	0530	006.0	93	340	03	0975	003.4	92	001	03
08	1007	004.3	81	285	04	0120	004.0	80	295	04	0530	006.0	75	337	04	0976	002.5	58	320	05
09	1006	005.1	98	130	06	0113	005.6	96	166	06	0530	005.4	90	240	08	0981	003.3	90	244	09
10	1006	003.6	92	300	02	0112	003.5	88	291	02	0525	003.1	73	280	06	0965	001.3	70	276	09
11	0999	001.7	92	295	07	0094	001.7	92	295	07	0460	-01.8	91	310	09	0888	-05.6	90	936	11
12	1003	000.7	97	270	09	0090	000.5	97	-	-	0500	-01.9	90	-	092	-04.4	84	-	-	
13	1005	003.8	90	160	07	0105	003.4	87	175	07	0520	005.8	72	227	09	0966	005.0	40	299	11
14	1002	006.7	82	155	10	0080	007.1	81	-	-	0500	012.8	64	-	0964	012.3	48	-	-	
15	0996	007.1	93	135	09	0027	007.1	93	135	09	0495	006.4	94	160	12	0895	006.3	91	195	14
16	0998	001.1	100	240	06	0049	001.1	100	240	06	0495	000.8	99	275	09	0894	-00.9	99	268	07
17	0993	004.3	90	360	08	0009	004.3	90	360	08	0410	003.0	92	008	11	0865	001.2	95	036	02
18	0998	001.7	92	180	01	0046	001.7	92	180	01	0450	-00.1	92	270	04	0891	000.0	88	268	04
19	1004	004.1	83	270	03	0093	003.9	84	268	03	0490	001.2	92	179	03	0943	-00.1	88	172	07
20	0998	008.8	86	120	14	0047	008.8	86	120	14	0490	012.1	48	-	0927	012.3	64	-	-	
21	0992	007.2	98	140	07	-00.1	007.2	98	140	07	0420	007.9	100	198	10	0863	005.9	98	197	13
22	1000	005.1	90	340	07	0064	005.1	90	330	07	0490	001.0	89	340	09	0913	001.2	81	344	11
23	1007	006.8	87	290	02	0124	006.8	84	292	02	0530	004.1	71	342	02	0922	003.8	49	326	02
24	1011	003.4	82	310	02	0132	003.7	72	323	04	0580	007.9	49	024	04	1081	006.3	29	004	03
25	1016	012.2	37	360	05	0196	010.3	55	002	05	0610	006.4	61	331	05	1063	003.0	67	326	06
26	1019	003.3	69	290	02	0217	003.3	60	333	02	0650	007.1	51	360	02	1085	004.4	43	310	04
27	1014	008.4	66	120	05	0174	007.0	66	172	05	0600	007.1	71	255	08	1043	005.0	74	237	11
28	1012	005.5	82	340	07	0156	002.0	81	340	08	0560	-02.1	81	340	08	0995	-04.8	85	333	12
29	1009	004.4	71	325	13	0134	003.5	74	326	13	0550	-01.0	86	331	12	0979	-01.1	84	332	11
30	1001	001.8	92	330	11	0073	001.8	92	330	11	0480	-01.2	99	338	13	0912	-03.6	78	337	15
31	1000	004.2	69	345	05	0064	004.2	69	345	05	0460	000.8	73	009	03	0910	-02.1	63	033	03

MN

Pb	850 MBS				800 MBS				750 MBS				700 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	1336	-08.6	77	227	02	1804	-11.3	77	292	01	2300	-11.1	73	300	03	2827	-14.1	67	286	05
02	1347	-09.1	87	003	02	1815	-11.8	81	356	04	2300	-13.2	74	355	04	2832	-15.8	67	346	06
03	1379	-04.5	82	236	09	1855	-07.6	81	223	09	2340	-10.8	80	212	10	2883	-13.2	79	239	10
04	1446	-01.8	50	182	09	1924	-01.6	54	202	07	2430	-03.8	52	203	05	2983	-07.2	61	179	04
05	1479	005.4	70	-	-	1974	003.1	77	-	-	2500	000.8	83	219	12	3052	-00.7	73	236	07
06	1449	008.9	95	212	13	1951	005.4	94	253	09	2480	001.8	92	233	11	3030	-02.1	90	240	13
07	1437	001.5	85	009	06	1927	001.1	65	355	05	2450	-01.8	52	347	04	2990	-04.8	38	358	04
08	1436	000.4	64	333	04	1921	-02.0	68	335	04	2420	-01.1	63	330	05	2970	-08.1	56	330	05
09	1443	001.1	90	250	12	1929	-01.2	90	258	10	2440	-03.7	90	251	09	2991	-06.3	83	260	08
10	1426	001.6	21	266	10	1913	-00.8	26	264	12	2420	-03.1	23	263	16	2969	-05.3	23	262	18
11	1353	-07.4	89	501	10	1800	-10.8	78	282	11	2310	-11.3	47	262	12	2824	-12.6	27	262	16
12	1374	-04.4	77	-	-	1849	-09.0	65	-	-	2340	-11.6	53	-	-	2878	-14.4	47	-	-
13	1424	004.0	26	257	12	1924	002.9	25	272	12	2450	000.6	59	275	15	2995	-02.8	64	292	15
14	1440	008.3	47	-	-	1939	005.9	24	-	-	2470	002.0	45	-	-	3019	-00.4	38	-	-
15	1365	005.5	86	190	15	1858	001.2	87	180	15	2385	002.3	30	198	17	2934	-01.2	47	190	17
16	1351	000.2	97	239	09	1840	-00.2	94	256	10	2355	-03.1	90	235	04	2899	-06.1	86	227	08
17	1324	-00.2	97	069	03	1809	-01.2	97	104	02	2310	-03.5	95	049	03	2865	-06.0	92	079	05
18	1349	-00.4	78	254	05	1834	-01.6	67	254	04	2340	-04.0	71	246	05	2887	-06.9	82	268	07
19	1400	-00.3	83	250	05	1887	-00.6	59	284	06	2390	-02.4	43	275	10	2947	-04.7	32	287	11
20	1405	010.1	60	-	-	1908	006.3	67	214	13	2430	002.2	77	214	18	2986	-02.2	86	-	-
21	1390	006.6	97	204	13	1822	001.0	95	194	20	2330	-01.4	94	-	-	2886	-04.8	92	-	-
22	1374	001.9	54	324	05	1862	-00.1	44	319	06	2390	-02.3	36	316	06	2922	-05.1	115	270	05
23	1445	005.9	37	318	05	1938	003.6	42	321	09	2460	001.0	52	326	08	3013	-01.2	47	324	07
24	1468	004.2	23	333	02	1980	001.9	23	322	03	2490	-00.8	41	288	05	3044	-03.1	51	272	05
25	1525	001.1	70	305	05	2013	000.8	81	315	04	2540	-01.5	20	307	07	3077	-04.5	53	301	09
26	1550	003.1	35	296	07	2039	000.2	67	280	07	2570	-02.5	72	288	08	3099	-05.3	35	294	10
27	1510	004.2	28	322	13	2002	000.8	31	229	12	2510	-03.2	68	236	13	3060	-06.2	67	250	16
28	1443	-07.6	88	332	10	1917	-06.4	65	324	08	2420	-07.0	29	327	10	2959	-07.7	34	309	10
29	1434	-02.2	80	345	10	1917	-03.3	76	345	16	2430	-06.2	79	344	17	2961	-09.0	74	344	16
30	1363	-04.6	34	333	12	1841	-04.8	31	334	13	2330	-06.2	60	338	16	2884	-08.0	84	332	22
31	1363	-04.3	54	039	06	1841	-04.9	48	019	09	2340	-07.9	48	006	12	2881	-09.3	50	004	14

MN

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Pb	SURFACE				1000 MBS				950 MBS				900 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	0999	001.1	89	000	00	0057	001.2	89	000	00	0490	-01.6	86	050	02	0895	-04.6	82	052	01
02	1001	-00.9	96	000	00	0072	-00.9	9												

RESOLUTE, N.W.T.

JULY 1961

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.

Table with columns for Altitude, Temp., R.H., and Wind for pressure levels 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes station identifier MN and time 00 GMT.

CONSTANT PRESSURE DATA 00 GMT.

Table with columns for Altitude, Temp., R.H., and Wind for pressure levels 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes station identifier MN and time 00 GMT.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for Altitude, Temp., R.H., and Wind for pressure levels 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes station identifier MN and time 12 GMT.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for Altitude, Temp., R.H., and Wind for pressure levels 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes station identifier MN and time 12 GMT.

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

RESOLUTE, N.W.T.

AUGUST 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION
72924 74°43'N 94°39'W 64 METERS

CONSTANT PRESSURE DATA

00 GMT.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Date, Altitude, Temp., R.H., Wind, and gpm. for various pressure levels.

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Date, Altitude, Temp., R.H., Wind, and gpm. for various pressure levels.

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

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Date, Altitude, Temp., R.H., Wind, and gpm. for various pressure levels.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Date, Altitude, Temp., R.H., Wind, and gpm. for various pressure levels.

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

RESOLUTE, N.W.T.

AUGUST 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

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	4044	-16.4	39	036	16	5393	-25.2	2	A18	027	22	6975	-36.8	A21	-	8921	-46.4	3					
02	4092	-13.3	51	038	13	5464	-19.6	59	025	12	7084	-32.1	50	028	16	9045	-48.3	3	035	14			
03	4025	-17.6	36	068	15	5371	-24.4	A18	027	18	6960	-36.0	A21	355	24	8917	-44.5	5	337	30			
04	4036	-12.9	79	-	-	5398	-23.3	79	082	12	6988	-36.5	5	76	076	26	8920	-47.8	5	098	26		
05	4014	-17.4	73	115	12	5365	-22.3	3	58	106	14	6971	-32.6	34	115	17	8932	-47.4	1	182	31		
06	4058	-16.6	85	062	10	5414	-23.5	A18	063	14	7008	-34.8	A21	069	22	8973	-44.5	5	019	16			
07	4130	-10.4	A15	056	13	5506	-20.9	38	071	15	7118	-32.8	55	077	16	9076	-48.2	3	079	24			
08	4142	-11.7	31	031	11	5514	-21.6	32	042	08	7123	-33.6	32	036	08	9075	-49.3	3	040	12			
09	4116	-12.0	A16	031	05	5484	-21.4	27	052	06	7092	-32.7	34	056	08	9052	-47.8	5	074	12			
10	4073	-12.5	A16	341	09	5446	-21.1	A18	358	09	7054	-33.3	A21	321	10	9009	-48.2	2	327	15			
11	4052	-14.5	A16	010	14	5407	-23.9	A18	355	14	6998	-36.2	A21	345	16	8933	-48.8	8	349	15			
12	4061	-17.7	78	354	08	5402	-26.7	7	66	354	06	6980	-37.6	48	354	12	8912	-49.6	6	335	20		
13	4084	-17.1	64	347	08	5428	-25.9	38	345	13	7008	-37.8	A22	345	19	8942	-49.8	8	340	27			
14	4093	-16.8	52	024	06	5441	-25.2	55	017	08	7029	-35.3	46	350	12	8975	-49.4	4	349	17			
15	4068	-18.2	42	002	03	5410	-26.1	37	241	09	6988	-38.0	42	348	05	8913	-50.6	6	335	06			
16	4047	-20.0	84	215	05	5395	-29.0	73	220	05	6959	-39.5	59	225	05	8875	-51.3	3	244	25			
17	4030	-20.8	83	135	04	5355	-29.0	77	173	05	6916	-39.7	59	201	09	8838	-49.4	4	227	21			
18	4056	-19.3	60	052	04	5398	-26.0	65	062	04	6990	-34.3	66	203	07	8938	-49.5	5	186	13			
19	4023	-19.5	60	016	10	5360	-27.1	30	354	06	6959	-37.2	A22	339	05	8871	-49.9	9	203	09			
20	4018	-18.3	84	318	08	5387	-26.0	35	316	15	6941	-36.2	A21	333	26	8901	-43.5	5	396	53			
21	3987	-14.0	88	269	12	5346	-23.0	40	267	16	6940	-34.9	71	262	19	8880	-50.2	2					
22	3899	-24.7	73	313	15	5198	-35.3	54	311	15	6718	-42.6	31	23	637	-38.4	4	306	12				
23	3991	-21.3	38	324	05	5310	-30.6	31	328	11	6862	-40.9	32	21	8781	-47.2	2	329	25				
24	4043	-16.8	30	310	13	5385	-26.7	39	302	17	6954	-40.0	40	299	17	8865	-52.7	2	310	19			
25	3991	-19.2	A17	-	-	5330	-25.8	35	-	-	6918	-35.3	32	-	-	8858	-50.4	4					
26	3996	-19.9	A17	301	18	5327	-27.8	A19	297	23	6896	-38.1	A22	297	34	8840	-46.0	3	268	21			
27	4039	-19.3	A17	302	16	5365	-28.9	39	304	20	6931	-38.6	A22	299	20	8847	-51.7	7	265	21			
28	4045	-20.3	A17	327	11	5368	-28.6	A19	321	20	6932	-39.1	A22	303	23	8847	-51.0	8	312	25			
29	4032	-20.3	A18	331	08	5361	-28.8	A19	311	08	6921	-39.9	A22	336	09	8935	-51.8	8	321	09			
30	3956	-24.3	74	350	03	5244	-33.2	42	008	05	6796	-43.8	8	010	10	8985	-49.9	9	345	04			
31	3929	-23.9	68	078	12	5238	-32.2	57	092	10	6777	-42.5	5	101	16	8883	-48.8	8	118	16			
MN	4038	-17.6	50	-	-	5381	-26.1	42	353	07	6960	-37.1	37	342	08	8898	-48.4	4	349	08			

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	11666	-41.0	-	-	-	13616	-42.5	-	-	005	05	16358	-42.1	015	08	18773	-41.8	035	03		
02	11714	-43.0	-	-	006	11	13652	-43.6	-	005	04	16396	-41.4	160	04	18815	-41.8	041	04		
03	11660	-41.5	-	-	344	07	13603	-41.8	-	265	03	16354	-42.4	186	02	18773	-41.8	350	02		
04	11658	-41.3	-	-	-	-	-	-	-	-	-	16362	-42.2	-	-	18785	-41.2	-	-		
05	11642	-41.3	-	-	084	06	13587	-43.4	-	026	04	16323	-43.6	301	03	18726	-43.7	106	06		
06	11703	-42.0	-	-	034	22	13666	-42.8	-	299	09	16379	-42.9	249	06	18786	-42.6	266	06		
07	11750	-44.1	-	-	047	05	13673	-43.7	-	031	03	16402	-43.6	046	02	18807	-42.7	025	03		
08	11702	-46.2	-	-	037	04	13624	-44.6	-	032	02	16345	-43.2	066	03	18748	-43.0	052	04		
09	11687	-46.7	-	-	065	06	13607	-43.9	-	046	08	16347	-42.1	060	05	18761	-42.0	081	07		
10	11658	-44.7	-	-	005	07	13590	-43.8	-	030	05	16322	-42.9	087	03	18751	-42.4	050	06		
11	11633	-43.7	-	-	008	06	13561	-44.1	-	012	11	16280	-44.3	094	04	18677	-43.1	105	06		
12	11604	-42.8	-	-	002	07	13545	-43.3	-	002	05	16270	-43.7	070	02	18671	-42.8	000	00		
13	11632	-42.4	-	-	325	13	13578	-43.0	-	317	02	16311	-42.8	000	00	18720	-42.1	000	00		
14	11627	-43.0	-	-	347	04	13574	-41.9	-	305	03	16321	-41.9	-	-	18737	-41.9	-	-		
15	11600	-41.5	-	-	270	02	13556	-41.2	-	-	-	16310	-42.8	-	-	18729	-41.8	-	-		
16	11573	-41.8	-	-	245	08	13527	-41.3	-	276	06	16281	-41.4	274	03	18703	-41.6	293	02		
17	11541	-42.6	-	-	244	08	13484	-42.5	-	254	04	16225	-42.3	275	04	18657	-42.2	291	02		
18	11608	-42.3	-	-	000	00	13553	-42.3	-	324	06	16294	-42.3	-	-	18706	-42.3	-	-		
19	11576	-43.1	-	-	327	13	13515	-43.0	-	347	09	16251	-42.6	337	08	18662	-42.3	332	05		
20	11599	-44.3	-	-	-	-	13534	-43.3	-	-	-	16263	-43.5	333	12	18660	-43.9	028	04		
21	11543	-44.2	-	-	-	-	13471	-44.2	-	-	-	16190	-44.2	-	-	18592	-44.1	-	-		
22	11474	-38.3	-	-	312	10	13440	-40.8	-	318	13	16193	-41.3	313	09	18608	-42.8	324	06		
23	11517	-41.1	-	-	314	13	13470	-41.5	-	297	09	16219	-42.1	299	07	18623	-42.3	319	08		
24	11558	-42.0	-	-	294	16	13502	-42.6	-	286	15	16235	-43.5	296	12	18635	-44.3	316	04		
25	11539	-43.3	-	-	-	-	13474	-43.8	-	-	-	16195	-44.4	-	-	18582	-45.0	-	-		
26	11556	-42.7	-	-	-	-	13495	-44.0	-	-	-	16220	-44.8	-	-	18607	-46.1	-	-		
27	11521	-43.3	-	-	286	11	13462	-42.7	-	275	14	16194	-43.6	272	07	18588	-44.4	277	07		
28	11553	-42.7	-	-	305	18	13491	-41.5	-	287	17	16227	-43.7	280	17	18621	-44.5	300	09		
29	11547	-43.0	-	-	300	10	13486	-43.0	-	308	15	16220	-43.0	294	06	18621	-44.0	293	07		
30	11425	-42.1	-	-	289	05	13370	-42.6	-	274	02	16102	-43.5	290	04	18495	-44.8	292	02		
31	11414	-41.0	-	-	162	04	13362	-42.7	-	090	04	16103	-42.1	091	01	18515	-43.0	000	00		
MN	11596	-42.7	-	-	328	06	13537	-42.8	-	320	05	16274	-42.9	306	03	18680	-43.0	-	-		

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

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								

RESOLUTE, N.W.T.

AUGUST 1961

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.

00 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Day, 50 MBS, 30 MBS, 20 MBS, 10 MBS, and MN. Rows contain pressure, temperature, RH, and wind data for various altitudes.

Table with columns for Day, SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows contain detailed atmospheric data including cloud cover and wind velocity.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Day, 50 MBS, 30 MBS, 20 MBS, 10 MBS, and MN. Rows contain pressure, temperature, RH, and wind data for various altitudes.

Table with columns for Day, SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows contain detailed atmospheric data including cloud cover and wind velocity.

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

RESOLUTE, N.W.T.

SEPTEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No. 72924 LATITUDE 74°43'N LONGITUDE 94°59'W ELEVATION 64 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Altitude, Temp., R.H., and Wind for each level.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Altitude, Temp., R.H., and Wind for each level.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Altitude, Temp., R.H., and Wind for each level.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Altitude, Temp., R.H., and Wind for each level.

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

RESOLUTE, N.W.T.

SEPTEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR638 RDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION

72924 74°43'N 94°59'W 64 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, Altitude, Temp., R.H., Wind, and four pressure levels (600, 500, 400, 300 MBS).

Table with columns for Day, Altitude, Temp., R.H., Wind, and four pressure levels (200, 150, 100, 70 MBS).

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, Altitude, Temp., R.H., Wind, and four pressure levels (600, 500, 400, 300 MBS).

Table with columns for Day, Altitude, Temp., R.H., Wind, and four pressure levels (200, 150, 100, 70 MBS).

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

RESOLUTE, N.W.T.

SEPTEMBER 1961

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.

00 GMT.

SPECIAL AEROLOGICAL DATA

Z	50 MBS				30 MBS				20 MBS				10 MBS			
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.
01	20732	-44.9		173 04	24128	-47.6		267 01	26816	-44.7		089 01				
02	20767	-45.9		225 03	24159	-46.1		196 05								
03	20827	-46.7		267 06	24214	-46.5		224 05	26911	-45.9		262 06				
04	20776	-46.7		234 05	24154	-47.8		226 05	26830	-48.0		233 05				
05	20759	-47.2		212 05	24141	-46.9		220 04								
06	20771	-46.3		220 11	24152	-47.7		240 10	26830	-47.0		288 13				
07	20741	-47.5		221 07	24114	-47.4		256 05	26802	-46.6		256 05				
08	20744	-46.6			24120	-47.1										
09	20704	-48.4		244 05	24070	-48.3		238 07	26748	-47.3		246 03				
10	20689	-47.6		247 04	24048	-50.1		238 05	26722	-47.1		271 05				
11	20632	-48.9		302 04												
12	20652	-48.4		304 03	24002	-49.1		234 04	26668	-48.3		261 04				
13	20631	-49.9		000 00	23968	-49.6		271 04	26635	-47.7		290 02				
14	20531	-50.4			23843	-52.0			26474	-50.9						
15	20571	-51.2			23877	-51.8			26517	-49.4						
16	20570	-49.9		307 04	23895	-51.0			26449	-50.2						
17	20487	-49.6			23813	-51.3			26369	-49.0		269 06				
18	20423	-50.6		318 04	23733	-52.6		291 03								
19	20445	-49.9		304 05					26325	-50.9		288 08				
20	20404	-51.5		315 03	23697	-53.2		283 04								
21	20361	-53.7		279 07	23647	-54.0		290 05								
22	20428	-52.5		502 05	23706	-53.6		268 07	26303	-52.6		282 06				
23	20427	-52.7		273 04	23705	-55.5		287 04	26303	-53.6		270 07				
24	20478	-51.2							26322	-53.7		265 07				
25	20412	-52.0		272 05	23711	-53.2		288 06								
26	20374	-52.3		299 07	23659	-54.6		300 10	26258	-54.2		301 11				
27	20436	-51.7		278 09	23732	-53.8		281 15	26329	-55.3		272 14				
28	20451	-52.4		260 12	23741	-54.8		266 12	26326	-56.3		253 12				
29	20427	-52.7		247 09	23711											
30	20428	-52.8		220 09	23710	-55.7		235 12	26274	-58.0		216 16				
MN	20569	-49.7		256 05	23906	-50.9		261 06	26534	-50.3						

Z	SURFACE				FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL											
	SYNOPTIC DATA				Lowest		Highest																					
Alt.	Pres.	Temp.	W. Dir.	W. Sp.	Alt.	Pres.	Temp.	Alt.	Pres.	Temp.	W. Dir.	W. Sp.	Alt.	Pres.	Temp.	W. Dir.	W. Sp.	Alt.	Pres.	Velocity								
01	25408	02	1 04	0									1 08	89	293	-53	6	311	0		9 08 60	307	079	23				
02	854	02	1 09	0									1 09	90	255	-56	0	321	0		9 09 28	282	080	20				
03	854	02	2 06	0									2 09	09	292	-50	4	317	0		9 09 33	356	154	042	11			
04	65408	02	7 09	1									1 09	94	293	-56	0	321	0		9 09 15	71	108	210	16			
05	00901	02	8 09	3									1 09	61	265	-54	5	319	0		9 00 06	693	050	14				
06	65401	02	2 13	0									1 09	83	236	-51	0	318	0		1 28 48	016	294	14				
07	854	02	3 10	0									1 09	79	260	-57	8	316	0		9 07 84	351	051	12				
08	854	02	0 00	0									1 09	76	260	-58	4	316	0		8 05 08	521	332	09				
09	20930	02	2 03	0									1 09	91	255	-54	5	320	0		9 03 54	490	303	11				
10	46430	02	2 09	0									1 09	45	272	-56	5	314	0		9 06 47	427	311	17				
11	75400	02	1 09	0									1 09	77	260	-58	5	316	0		9 05 40	499	349	17				
12	864	02	7 05	0									2 09	00	292	-55	7	309	0		9 08 89	298	325	22				
13	9-0	71	7 16	0									1 08	79	300	-54	3	308	0		9 08 81	299	307	20				
14	75500	36	9 20	0									1 08	68	302	-54	3	308	0		3 04 84	330	349	22				
15	863	71	7 14	0									1 08	52	306	-52	7	308	0		2 04 71	339	334	24				
16	865	71	8 10	0									2 07	82	338	-50	8	303	0		9 08 18	320	300	24				
17	25530	02	6 11	0									2 07	02	375	-48	0	299	0		4 06 48	409	262	09				
18	75706	36	2 11	0									1 07	14	366	-30	8	297	0		9 00 06	985	020	15				
19	65508	22	4 00	0									1 08	01	324	-51	5	300	0		9 07 34	358	011	22				
20	15400	02	2 12	0									1 07	19	363	-49	8	298	0		9 06 87	382	316	19				
21	863	71	2 06	0									1 07	81	334	-51	4	304	0		9 07 86	332	299	30				
22	55370	02	2 06	0									1 08	71	294	-52	5	313	0		9 08 20	319	209	25				
23	855	02	7 03	0									1 09	42	266	-53	6	321	0		9 08 61	302	161	16				
24	10971	02	2 06	0									1 09	73	255	-55	9	321	0		7 00 45	952	341	20				
25	874	70	2 04	0									1 09	37	269	-57	4	314	0		1 29 64	012	301	13				
26	873	71	2 07	0									1 09	60	260	-58	0	316	0		9 09 66	258	314	14				
27	874	71	2 03	0									2 08	49	308	-54	7	306	0		9 09 21	468	234	20				
28	75400	02	3 07	0									1 09	26	276	-57	8	311	0		9 09 61	042	266	14				
29	861	02	6 02	0									1 09	15	280	-58	0	309	0		9 02 26	038	251	13				
30	862	71	8 01	0									1 08	83	293	-54	5	308	0		9 08 25	321	205	16				
MEAN													08 95	291	-54	6	312			12 60	166	-50	2	373				

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Z	50 MBS				30 MBS				20 MBS				10 MBS			
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.
01	20738	-46.7		193 04	24117	-47.3		155 03	26805	-45.3		184 03				
02	20833	-46.7		249 07	24217											
03	20643	-48.3		203 06	24004	-48.5		231 07	26676	-47.9		238 07				
04	20750	-47.2			24123	-47.0										
05																
06	20748	-46.4			24129	-47.4			26809	-47.6						
07	20763	-46.8		240 05	24146	-46.7		223 04								
08	20705	-46.9		215 03												
09																
10	20701	-46.8		238 05	24078	-49.1		236 02	26743	-47.3						
11	20623	-48.8		210 03	23979	-48.9										
12	20623	-49.6		328 03	23961	-49.9		183 03	26625	-48.4		284 05				
13	20471	-51.2		342 06	23778	-52.3		308 03	26422	-49.1		230 03				
14																
15	20553	-50.9		348 03	23876	-51.2		155 03	26517	-49.9		198 01				
16	20488	-52.0		286 01	23797	-52.0		165 03	26430	-50.4		181 02				
17	20480	-51.4			23800	-51.3			26447	-48.9						
18	20426	-51.8		311 03	23732	-51.7		304 02	26369	-50.6		271 06				
19	20404	-51.6														

RESOLUTE, N.W.T.

OCTOBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Day	SURFACE				1000 MBS				950 MBS				900 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	1014	-09	7	85	090	09	0170	-10	0	84	099	09	0560	-10	7	81	198	06	0980	-12	6	81	174	02
02	1010	-11	0	70	050	11	0139	-09	5	64	052	10	0590	-10	6	59	061	04	0949	-13	4	57	055	06
03	1002	-06	9	79	090	02	0078	-07	0	79	090	02	0460	-09	7	82	075	05	0891	-12	7	86	057	04
04	0997	-10	2	78	040	09	0040						0430	-09	9	62	070	06	0850	-12	6	73	065	04
05	0992	-07	8	84	070	09	0005						0400	-09	2	84	112	05	0814	-12	4	85	104	04
06	0986	-09	1	81	030	18	-044						0350	-07	7	80	-		0775	-09	1	78	-	
07	0993	-12	7	70	260	13	0017						0400	-15	7	74	285	15	0807	-19	5	80	278	12
08	1002	-12	2	82	210	10	0073	-12	4	82	208	10	0450	-14	8	80	198	10	0872	-18	1	80	278	09
09	1000	-13	4	76	120	07	0064	-13	4	76	120	07	0440	-13	1	82	173	09	0859	-18	0	85	179	09
10	0999	-13	7	78	050	09	0053						0440	-13	4	85	060	04	0853	-16	8	72	040	02
11	1002	-14	9	74	120	03	0076	-15	1	76	-		0460	-17	5	80	-		0864	-19	9	84	-	
12	1005	-19	9	72	340	05	0102	-16	3	72	340	05	0470	-19	4	79	291	10	0885	-21	8	83	291	13
13	1006	-14	8	70	195	07	0109	-15	2	73	198	07	0500	-17	9	83	221	08	0859	-20	8	82	219	06
14	1000	-14	4	69	260	01	0064	-14	4	69	260	01	0450	-18	0	75	229	03	0850	-22	0	82	190	04
15	0998	-16	2	70	245	07	0047						0440	-20	1	78	235	09	0846	-22	8	81	248	09
16	1011	-20	7	54	350	05	0144	-20	6	54	353	05	0510	-21	8	73	352	07	0920	-23	3	73	343	09
17	1009	-22	1	63	350	04	0128	-20	9	67	341	05	0505	-22	5	73	301	07	0904	-22	8	76	308	07
18	1007	-21	2	65	120	01	0115	-21	6	68	131	01	0485	-23	4	79	119	01	0887	-23	6	79	325	01
19	1006	-25	2	56	350	06	0109	-23	8	59	353	07	0490	-18	9	67	007	09	0889	-18	7	59	032	08
20	1014	-27	3	36	340	04	0163	-25	9	61	-		0500	-22	2	72	-		0940	-18	4	33	291	05
21	1005	-20	6	82	330	10	0124	-20	5	81	-		0500	-19	8	67	-		0915	-14	6	47	-	
22	1003	-23	8	63	350	08	0086	-23	5	63	350	08	0470	-19	6	73	349	11	0869	-14	3	54	342	07
23	1003	-18	3	68	030	03	0083	-18	5	69	031	03	0460	-20	6	84	071	03	0868	-19	4	86	061	05
24	0999	-17	0	70	030	05	0056						0450	-15	7	74	360	05	0849	-15	7	75	007	05
25	0995	-22	3	63	020	12	0026						0410	-16	4	78	-		0811	-18	5	72	-	
26	0997	-21	6	67	020	08	0041						0430	-16	4	78	-		0830	-18	4	43	-	
27	1010	-15	4	77	270	04	0139	-16	0	78	268	05	0530	-16	1	83	254	07	0936	-13	0	79	259	07
28	1011	-12	7	72	130	14	0158	-13	0				0550	-09	2				0968	-11	3			
29	1009	-09	5	87	140	19	0134	-10	2	78	144	19	0530	-12	1	87	178	21	0943	-09	6	52	204	18
30	1010	-10	2	84	130	12	0137	-10	4	84	-		0530	-10	0	87	-		0947	-11	5	91	-	
31	1006	-08	0	84			0106						0510	-10	1				0916	-12	1	80	-	
MN	1003	-15	4	73			88	-16	1	72			474	-15	7	75			883	-16	5	74		

Day	850 MBS				800 MBS				750 MBS				700 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	1414	-15	6	84	201	03	1870	-18	8	87	228	04	2340	-19	9	88	227	03	2857	-22	8	85	202	03
02	1382	-16	2	63	054	07	1837	-17	8	73	067	05	2320	-19	9	67	119	02	2827	-22	6	98	000	00
03	1324	-15	9	89	360	01	1781	-16	4	78	306	01	2260	-17	3	63	160	03	2777	-21	1	41	164	04
04	1286	-13	7	76	058	07	1743	-16	3	76	076	06	2240	-17	3	75	100	07	2743	-20	5	74	123	07
05	1248	-15	7	86	110	04	1704	-16	2	79	114	04	2190	-17	4	76	110	03	2705	-20	2	76	119	05
06	1214	-12	2	76	-		1676	-15	6	74	058	03	2180	-19	1	72	066	06	2670	-20	7	70	059	14
07	1230	-19	7	82	275	09	1682	-17	8	83	308	05	2180	-19	7	81	310	04	2673	-22	2	79	314	05
08	1296	-20	3	81	200	12	1746	-20	2	79	189	12	2240	-21	7	79	191	18	2729	-23	1	78	200	18
09	1284	-21	0	87	184	12	1731	-24	3	86	180	11	2200	-27	0	83	173	10	2689	-26	7	76	153	07
10	1279	-24	0	75	054	05	1725	-24	3	78	066	05	2210	-25	0	81	070	05	2693	-26	3	83	105	07
11	1287	-22	6	82	-		1731	-25	6	81	-		2210	-27	9	78	233	04	2689	-29	9	77	231	03
12	1307	-21	4	81	298	17	1754	-22	4	80	302	17	2230	-23	5	79	298	12	2729	-26	3	78	283	11
13	1316	-22	7	80	200	12	1762	-22	7	78	213	12	2240	-23	9	69	217	10	2736	-25	3	58	227	11
14	1267	-24	6	82	210	03	1711	-23	4	80	262	04	2200	-25	1	78	260	07	2681	-27	3	76	236	08
15	1263	-23	1	79	257	12	1702	-27	2	78	261	07	2170	-30	2	78	257	06	2652	-33	4	76	246	07
16	1337	-25	0	73	347	05	1777	-26	9	73	357	08	2240	-28	6	74	353	09	2734	-29	9	72	354	11
17	1322	-24	2	77	315	05	1764	-25	5	78	316	05	2225	-26	8	74	318	07	2727	-28	3	77	322	10
18	1305	-23	4	77	-		1748	-25	1	76	-		2220	-26	7	74	-		2711	-28	7	72	-	
19	1314	-20	1	59	008	11	1763	-21	8	64	040	07	2300	-25	1	63	057	09	2733	-29	1	86	047	10
20	1347	-18	4	63	291	05	1820	-20	3	63	107	06	2200	-22	8	61	315	05	2799	-26	4	61	340	05
21	1347	-15	3	46	-		1805	-16	9	30	-		2290	-19	6	41	358	14	2796	-22	4	48	338	16
22	1303	-13	2	62	344	09	1764	-15	0	54	352	15	2250	-17	1	44	358	15	2765	-19	1	45	358	12
23	1292	-16	6	83	048	08	1749	-16	5	72	035	09	2240	-17	2	63	031	09	2749	-19	1	25	044	09
24	1279	-17	2	76	045	07	1735	-16	2	80	038	09	2230	-15	4	83	032	10	2743	-16	3	82	034	13
25	1234	-21	3	72	-		1683	-20	7	72	042	14	2170	-22	3	74	047	14	2663	-25	3	75	061	18
26	1262	-19	2	9	25	-	1719	-17	5	30	-		2210	-18	7	55	-		2716	-19	8	52	-	
27	1369	-15	4	77	260	06	1826	-17	9	73	276	05	2310	-16	4	48	300	09	2828	-17	7	61	313	09
28	1407	-11	0				1872	-12	9				2370	-16	0				2878	-18	6			
29	1385	-08	3	55	209	22	1856	-09	7	52	210	20	2360	-12	3	49	204	20	2875	-16	0	45	200	27
30	1385	-10	2	93	-		1853	-10	2	94	-		2360	-12	0	40	189	18	2860	-17	4	88	190	21
31	1352	-12	6	82	-		1814	-13	6	83	-		2300	-18	0	85	200	-	2811	-19	4	88		

RESOLUTE, N.W.T.

OCTOBER 1961

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.

CONSTANT PRESSURE DATA 00 GMT.

Z	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	3972	-27.9	73	195	07	5260	-36.2	59	197	12	6774	-46.2	206	14	8647	-53.4	203	19	
02	3945	-28.7	37	172	03	5231	-36.0	A21	179	07	6750	-45.3	194	12	8632	-54.9	190	17	
03	3899	-28.2	31	185	07	5187	-35.8	A21	179	13	6708	-44.9	169	17	8586	-53.6	172	22	
04	3862	-29.7	70	146	09	5152	-34.3	A21	164	15	6682	-43.9	157	26	8586	-51.4	152	33	
05	3832	-27.7	77	114	07	5116	-37.4	78	119	08	6628	-45.3	110	21	8511	-53.9	104	30	
06	3803	-26.0	66	054	13	5095	-36.0	59	054	15	6603	-48.8	069	19	8480	-49.0	079	09	
07	3792	-29.2	76	282	07	5072	-37.4	70	290	20	6580	-46.7	290	27	8469	-46.7	284	30	
08	3847	-28.0	77	214	19	5136	-35.3	74			6661	-44.6			8559	-51.5			
09	3793	-31.0	62	153	14	5071	-36.6	37	156	22	6582	-46.7	155	17	8446	-57.0	144	19	
10	3794	-32.5	77	125	06	5059	-39.9	9	100	11	6550	-50.1	110	12	8420	-48.9	126	08	
11	3771	-36.7	78	240	04	5012	-44.3		313	06	6484	-50.4	138	02	8384	-44.7	188	02	
12	3829	-32.5	71	292	13	5092	-40.4				6582	-50.0			8439	-53.9			
13	3841	-31.1	69	232	14	5115	-37.6	58	248	17	6623	-47.3	251	19	8446	-57.3			
14	3781	-32.2	73	233	11	5050	-39.7	73	217	18	6545	-49.7	214	19	8393	-54.9	239	15	
15	3720	-38.9	70	237	08	4952	-45.9	9	223	10	6433	-46.8	263	08	8347	-44.8	274	08	
16	3821	-35.0	67	350	18	5076	-41.1	34	349	18	6566	-49.4	357	25	8427	-53.0	334	22	
17	3825	-32.3	76	315	10	5091	-39.4	76	312	14	6583	-50.1	312	16	8431	-53.9	312	17	
18	3804	-34.4	72			5057	-42.2				6537	-51.1			8378	-52.8	241	07	
19	3822	-35.8	31	060	06	5071	-42.7	055	07	6547	-51.9	046	07	8395	-51.3	042	06		
20	3898	-32.1	50	024	12	5167	-39.8	64	024	15	6652	-50.5	026	22	8495	-55.6	025	21	
21	3915	-28.7	34	358	14	5196	-37.9	37	002	14	6705	-45.6	018	14	8576	-57.1	360	11	
22	3895	-27.2	84	350	13	5189	-36.3	32	358	08	6713	-43.9	098	03	8593	-56.2	059	02	
23	3877	-27.9	28	053	12	5158	-38.3	47	064	16	6657	-49.0	046	14	8537	-48.2	047	13	
24	3889	-22.0	77	026	15	5210	-30.6	6	040	20	6762	-40.5	050	22	8622	-55.2	047	28	
25	3770	-29.6	39	033	23	5057	-35.4	A21	026	36	6586	-44.3			8520	-44.2			
26	3848	-25.8	44	351	08	5148	-33.6	33	347	13	6679	-43.4	354	08	8546	-53.3	344	03	
27	3969	-24.0	29	308	11	5274	-32.9	32	322	11	6809	-43.3	224	14	8694	-55.7	318	17	
28	4019	-23.6	80			5335	-29.5	73	224	13	6894	-40.0	70	242	14	8783	-52.2		
29	4031	-19.9	40			5360	-28.5	34			6925	-38.6	A22		8841	-52.5			
30	4020	-22.2	50	195	12	5338	-30.2	63	191	15	6895	-39.5	63	196	32	8787	-56.2	194	36
31	3944	-25.2	84			5256	-27.3	55			6821	-39.9	A22		8730	-52.3			
MN	3865	-29.2	60			5148	-36.7	51	31	02	6662	-46.0	44	167	02	8542	-52.4	160	02

Z	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	11318	-44.9	9			186	07	13237	-45.7			15921							
02	11293	-45.8	9			192	08	13209	-45.7	185	08	15912	-45.6	176	08	18282	-49.0	151	09
03	11256	-46.7	7			171	11	13163	-46.7	161	06	15853	-46.7	161	07	18200	-50.8	157	07
04	11224	-47.5	5					13124	-47.6	139	26	15800	-48.3	185	12	18138	-50.6	152	04
05	11148	-48.5	5					13044	-48.2			15712	-48.7			18030	-53.7		
06	11175	-45.7	7	140	04	13089	-46.4					15765	-49.3			18091	-51.8		
07	11181	-45.7	7			13088	-48.4					15755	-49.7			18076	-52.7		
08	11221	-46.3	3			13126	-47.8					15790	-50.0			18113	-51.2	215	06
09	11081	-49.0	0	155	09	12972	-48.2	0	176	05	15624	-51.5	0	215	09	17928	-53.9		
10	11115	-46.2	2	130	07	13018	-48.0	0	211	18	15678	-50.3	0	180	09	17989	-54.0		
11	11097	-46.0	0	190	08	12992	-49.0	0	210	08	15645	-52.0	0	240	10	17940	-54.9	210	09
12	11095	-47.4	0	248	12	12984	-50.2	0	226	07	15626	-51.3	0	222	09	17922	-55.6	216	10
13	11087	-50.1	1			12971	-49.1	1	231	06	15615	-52.0	1	229	11	17917	-55.0	217	11
14	11043	-49.1	1	249	15	12926	-50.0	0	258	13	15578	-51.4	0	247	12	17877	-55.0	263	11
15	11067	-45.3	3	288	11	12976	-47.4	0	268	09	15635	-51.1	0	281	11	17937	-55.1	273	08
16	11092	-49.0	0	288	10	12986	-48.6	0	318	14	15631	-52.4	0	262	12	17922	-55.4	302	11
17	11094	-47.3	3	295	07	12992	-48.3	3	284	11	15652	-50.8	8	278	09	17947	-55.4	302	10
18	11048	-47.0	0	250	06	12947	-48.4	4	259	08	15606	-51.4	4	259	07	17898	-55.9	297	12
19	11077	-46.7	7	294	05	12981	-47.7	7	283	08	15647	-50.2	2	272	10	17957	-54.1	272	13
20	11150	-48.6	6	349	12	13038	-50.3	3	356	06	15680	-52.3	3	293	06	17977	-54.3	280	14
21	11217	-47.2	2	347	06	13106	-49.2	2	334	06	15751	-52.0	2	308	09	18047	-55.0	305	11
22	11217	-48.8	8	342	05	13127	-48.8	8	323	05	15784	-50.4	3	321	11	18097	-53.4	316	11
23	11214	-47.9	9	011	06	13109	-48.6	6	351	10	15765	-50.6	6	327	06	18078	-53.3	319	12
24	11306	-46.2	2			13219	-46.1	1			15908	-48.2			18245	-51.0			
25	11242	-43.3	3			13172	-45.0	0			15860	-49.3			18174	-53.5			
26	11237	-47.2	4	258	06	13145	-47.0	0	226	09	15815	-49.5	0	225	12				
27	11285	-50.9	6	268	10	13170	-48.1	3	258	10	15843	-48.8	8	261	14	18169	-51.3	265	18
28	11342	-53.6	9			13202	-51.3	3			15845	-51.7	7		18144	-54.7			
29	11396																		
30	11356	-54.9	9	200	17	13211	-53.3	3	244	12	15821	-52.9	9		18020	-56.9			
31	11325	-53.0	0			13160	-55.7	7			15751	-55.1	1						
MN	11194	-47.8	8	243	04	13083	-48.5	5	247	05	15742	-50.5	5	246	07	18041	-53.6		

CONSTANT PRESSURE DATA 12 GMT.

CONSTANT PRESSURE DATA 12 GMT.

Z	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	3955	-29.3	49	197	06	5238	-37.1	38	210	12	6748	-46.7	207	18	8618	-53.5	203	20
02	3925	-28.1	A19	137	06	5214	-35.2	A21	162	10	6736	-45.3	175	18	8614	-55.0	172	21
03	3881	-27.7	74	122	04	5133	-34.7	50	127	14	6663	-44.0	127	23	8546	-52.5	166	28
04	3841	-27.7	74	122	04	5133	-34.7	50	127	14	6663	-44.0	127	23	8546	-52.5	166	28
05	3832	-28.2	79	084	09	5115	-38.0	64	098	08	6621	-47.0	076	19	8492	-55.1	082	20
06	3769	-29.6	73	038	11	5045	-38.1	67	032	23	6552	-46.5	034	10	8452	-45.7	065	11
07	3839	-28.8	79	256	18	5123	-36.3	74	266	19	6634	-47.3	262	26	8515	-47.6		
08	3821	-30.0	73	198	13	5102	-36.6	68	186	22	6624	-44.4	185	22	8502	-53.7	182	19
09	3782	-32.6	71	137	12													

RESOLUTE, N.W.T.

OCTOBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR65B RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 72924 74°43'N 94°59'W 64 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

SPECIAL AEROLOGICAL DATA

Alt.	50 MBS				30 MBS				20 MBS				10 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																
02	20468	-51.1			23757	-56.1										
03	20384	-52.6		164 12	23660	-56.7		182 07	26231	-56.4		186 15				
04	20321	-52.9			23583	-58.2										
05	20188	-54.8														
06	20260	-54.3			23514	-56.8			26075	-58.3						
07	20236	-55.4			23468	-58.2			26014	-59.7						
08	20275	-55.6			23512	-56.5										
09	20079	-56.0		228 07	23512											
10	20140	-55.9			23365	-58.9			25897	-61.4						
11	20084	-56.6		239 13	23297	-60.7										
12	20054	-57.6		187 12	23246											
13	20055	-57.4		232 10	23271	-58.9		228 16								
14	20013	-57.3														
15	20069	-58.2		243 05	23254	-60.0		252 14								
16	20051	-58.8			273 12	23254	-60.0	268 15	25790	-61.2		266 14				
17	20079	-58.3			281 10	23269	-60.7	279 14	25734	-62.6		277 13				
18	20024	-59.0			257 13	23222	-60.6	269 19								
19	20100	-57.7			270 13	23280	-62.6	299 19	25786	-63.0						
20	20114	-57.9			291 13	23292	-63.2									
21	20185	-57.7		316 18	23380			312 18	25977	-61.7						
22	20251	-56.0		311 16	23465	-61.0		301 22	25938	-63.1		331 27				
23	20229	-56.7		321 15	23432	-60.9										
24	20420	-55.1			23642	-59.1										
25	20353	-53.4			23599	-59.0			26119	-63.0						
26																
27	20355	-53.6			23606	-57.5			26149	-60.2						
28	20282	-57.6			23485	-59.3										
29																
30																
31																
MEAN	20195	-56.1			23431	-59.2			25974	-61.0						

Alt.	SURFACE					FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL									
	SYNOPTIC DATA					Lowest		Highest																			
	%rh	q	Q	ww	oppp	Alt. gpm.	Pres. mb.	Alt. gpm.	Pres. mb.	Alt. gpm.	Pres. mb.	Temp. °C	°A	Alt. gpm.	Pres. mb.	Temp. °C	°A	Alt. gpm.	Pres. mb.	Velocity deg. mps.							
01	15651	38	8	06	0					1 08 55	304	-53	8	308	0			6 08	40	311	206	21					
02	30950	02	7	07	0					1 08 66	298	-54	6	308	0	19 84	053	-54	0	502	8 08	86	289	189	18		
03	62670	02	6	06	0					1 08 52	303	-54	2	308	0			9 08	52	313	171	24					
04	8097	36	8	06	0					1 09 05	279	-54	2	315	0			8 07	50	339	147	41					
05	3562	70	3	01	0					1 09 02	277	-56	2	313	0			5 08	44	304	099	32					
06	865	38	7	15	0					1 07 42	353	-52	0	298	0			6 06	96	380	072	25					
07	9-0	71	2	23	0					1 07 62	342	-51	5	302	0			1 09	30	264	287	33					
08	9-0	71	0	03	0					1 08 13	320	-51	6	307	6	24 89	024	-61	1	617	1 04	04	584	209	20		
09	39401	02	2	02	0					1 08 41	302	-57	2	304	0			9 05	04	502	154	22					
10	80883	02	7	02	0					1 07 55	342	-53	0	298	0			8 05	36	478	102	16					
11	865	71	2	02	0					2 06 37	407	-50	4	288	0			9 19	41	055	232	15					
12	854	71	2	15	0					1 07 55	344	-54	4	297	0			9 01	40	840	299	18					
13	874	70	7	05	0					1 08 50	280	-59	0	307	2	15 23	106	-51	7	420	9 06	23	429	21	21		
14	874	71	6	01	0					1 07 39	351	-54	7	294	0			8 07	17	364	220	24					
15	854	71	1	04	0					1 05 11	488	-46	9	278	0			8 01	21	855	254	13					
16	09000	01	2	14	0					1 07 53	345	-53	5	297	0			9 07	06	371	341	30					
17	26406	76	0	03	0					1 08 06	318	-53	9	302	0			9 08	34	304	312	18					
18	854	02	7	04	0					1 07 57	341	-56	9	294	2	16 08	093	-53	0	433	21	96	037	272	18		
19	00906	10	2	03	0					1 07 72	333	-56	0	297	0			1 24	16	026	290	19					
20	00900	40	3	08	0					2 07 91	329	-56	9	297	0			9 07	47	392	030	26					
21	20940	76	7	16	0					1 08 63	297	-57	3	306	0			9 20	59	047	514	22					
22	00905	02	0	00	0					1 08 68	296	-56	9	307	0			1 24	39	025	321	27					
23	863	02	1	03	0					1 07 50	351	-51	3	299	0			9 25	35	022	338	30					
24	864	18	8	07	0					1 08 96	286	-56	5	310	1	21 51	042	-58	5	530	1 05	37	86	338	090	35	
25	15500	38	8	18	0					1 07 09	371	-45	5	302	0			8 05	41	480	351	16					
26	80837	36	2	20	0					1 08 02	326	-52	5	304	0			8 05	41	480	351	16					
27	76400	02	2	13	0					1 09 41	267	-58	7	312	1	21 04	045	-56	2	526	1 19	51	057	264	19		
28	855	38	1	07	0					1 09 08	286	-59	3	306	0			4 05	98	486	236	19					
29	9-0	71	7	02	0					6 10	34	235	-63	7	317	0		2 03	22	670	207	28					
30	864	02	2	01	0					1 09 79	253	-60	8	314	0			7 08	83	298	193	36					
31	864	38	7	12	0					1 09 83	252	-56	6	321	1	12 08	178	-56	3	359	0						
MEAN										08 21	319	-54	9	304				18 67	078	-55	8	483					

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Alt.	50 MBS				30 MBS				20 MBS				10 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	20452	-52.4		190 07	23737	-55.2		171 15	26312	-57.6		198 13				
02	20409	-53.7		151 08	23683	-55.8		168 10	26250	-57.9		183 15				
03	20312	-53.4		147 07	23572	-57.8		171 07	26124	-57.4		179 10				
04	20272	-53.3														
05																
06																
07	20251	-56.2			23477	-55.9			26037	-58.7						
08	20185	-55.0		210 09	23427	-58.8		236 09	25971	-60.3		236 10				
09	20110	-56.4		198 12	23329	-60.3		209 11								
10	20091	-57.4			23292	-60.6										
11	20079	-57.4		198 11	23269	-60.9		198 14								
12	20023	-58.4			23227											
13	20026	-57.1			23230	-60.0										
14	20041	-56.4			23253	-60.1			25800	-57.3						
15	20010	-57.8														
16	20051	-57.6			23249	-60.6			25765	-62.0						
17	20017	-58.3		293 09	23201	-62.3		268 12	25689	-64.3		284 12				
18	20140	-56.0			23358	-60.0			25875	-61.3						
19																
20	20192	-57.6		289 16	23391			322 22								
21	20201	-57.1		321 17	23402	-61.4		323 22								
22	20183	-57.3		318 17	23378											

RESOLUTE, N.W.T.

NOVEMBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Day	SURFACE				1000 MBS				950 MBS				900 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	1008	-10.4	85		0127	-12.2	83	035 06	0520	-11.3	82	038 05	0994	-13.2	83	048 04
02	1011	-11.4	81	035 06	0148	-12.7	80	000 00	0550	-13.9	86	315 02	0974	-14.2	83	264 01
03	1015	-13.6	76	000 00	0177	-14.0	75	300 03	0560	-16.0	84	300 06	0967	-17.1	78	299 08
04	1019	-15.1	72	300 02	0176	-16.0	75	047 02	0500	-17.9	73	028 04	0904	-18.0	76	002 04
05	1007	-18.1	66	050 02	0116	-17.8	73	047 02	0500	-23.4	68	325 07	0844	-26.7	77	312 07
06	1002	-23.9	53	360 04	0076	-23.9	63	398 04	0450	-24.4	68	325 07	0844	-26.7	77	312 07
07	1005	-30.3	44	320 02	0099	-30.0	49	322 02	0470	-28.4	69	334 07	0861	-21.6	67	390 08
08	1004	-31.6	46	300 00	0089	-31.0	66	-	0460	-24.8	67	-	0851	-24.0	58	-
09	1000	-30.7	67	320 02	0090	-29.9	67	322 02	0460	-24.8	61	327 05	0855	-24.0	58	291 03
10	1004	-26.7	72	135 07	0065	-26.7	72	135 07	0420	-28.3	77	196 10	0825	-26.0	79	216 11
11	1002	-25.0	69	150 07	0079	-25.1	66	150 07	0440	-28.8	78	185 06	0836	-28.3	83	214 09
12	0999	-18.0	85	090 14	0094	-20.0	73	180 01	0470	-17.2	73	181 06	0871	-17.3	82	181 07
13	1003	-20.6	79	180 01	0083	-20.0	73	180 01	0470	-17.2	73	181 06	0871	-17.3	82	181 07
14	0991	-18.9	80	180 05	-006	-	-	-	0375	-21.3	80	186 15	0779	-22.2	82	145 15
15	1001	-30.9	59	000 00	0078	-30.6	60	000 00	0450	-23.5	63	299 08	0843	-22.2	68	342 10
16	1007	-21.8	74	180 12	0117	-22.3	76	180 13	0490	-20.0	82	-	0895	-18.1	85	-
17	1003	-19.3	83	140 17	0085	-19.3	83	140 17	0470	-17.0	79	179 21	0718	-15.5	78	194 24
18	0999	-17.7	71	130 15	-016	-	-	-	0360	-19.3	77	160 15	0770	-15.5	79	178 14
19	0993	-19.1	71	130 08	0000	-	-	-	0380	-21.3	67	132 07	0787	-21.6	70	132 06
20	0994	-20.6	66	350 05	0016	-	-	-	0410	-16.8	75	006 06	0801	-19.4	78	008 04
21	1001	-27.6	65	340 07	0068	-27.6	65	340 07	0440	-25.2	72	321 06	0853	-23.4	73	293 03
22	1013	-30.2	55	000 00	0156	-27.1	37	000 00	0530	-26.6	56	260 02	0922	-22.9	58	272 04
23	1019	-25.7	64	120 05	0200	-24.0	66	175 04	0580	-20.0	66	238 04	0978	-18.5	67	251 03
24	1022	-26.9	62	130 02	0223	-20.8	66	156 03	0620	-16.3	49	190 06	1011	-16.8	30	191 07
25	1020	-19.3	88	090 01	0210	-19.7	73	150 04	0600	-19.7	78	-	0993	-15.8	77	-
26	1013	-17.3	70	130 03	0213	-18.1	78	150 04	0590	-19.7	89	190 03	0984	-20.3	82	225 03
27	1004	-21.6	64	120 03	0107	-21.5	67	125 03	0480	-21.1	88	190 03	0887	-19.0	90	216 04
28	1016	-24.6	54	045 07	0170	-22.7	74	052 08	0550	-21.2	80	077 10	0950	-17.5	68	094 09
29	1026	-23.5	53	120 03	0252	-20.6	73	118 04	0640	-21.9	78	081 04	1031	-17.4	74	072 07
30	1031	-20.1	67	135 12	0295	-17.2	70	144 12	0680	-12.9	75	158 11	1094	-13.0	73	190 05
MN	1008	-22.0	68		118	-22.4	70		498	-20.4	74		898	-19.4	74	

Day	850 MBS				800 MBS				750 MBS				700 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	1370	-12.1	82		1834	-13.1	77		2320	-15.8	73		2840	-18.5	61	
02	1387	-13.0	85	045 05	1849	-14.9	80	053 04	2330	-16.7	70	050 04	2852	-17.9	65	071 03
03	1408	-13.8	75	276 09	1867	-16.4	89	286 10	2340	-19.4	71	269 07	2861	-19.8	63	234 07
04	1394	-17.4	69	209 10	1852	-15.3	59	275 12	2330	-17.8	63	265 12	2852	-20.4	67	237 10
05	1331	-19.0	77	319 04	1780	-21.8	76	250 05	2250	-24.6	76	269 07	2752	-26.8	78	253 08
06	1257	-24.0	79	323 08	1700	-25.2	73	319 09	2180	-25.0	69	311 11	2649	-25.4	49	305 13
07	1280	-23.3	73	333 08	1723	-25.1	73	330 08	2200	-27.0	70	332 09	2686	-28.6	63	329 08
08	1268	-24.7	59	-	1710	-25.9	60	-	2190	-27.7	58	-	2669	-30.1	55	-
09	1271	-24.9	56	274 01	1712	-25.9	53	271 03	2190	-27.5	50	240 02	2672	-29.9	48	191 03
10	1239	-26.2	78	218 11	1678	-27.7	80	228 12	2140	-31.1	82	230 09	2629	-31.6	80	227 09
11	1249	-26.2	83	223 13	1688	-26.9	82	228 14	2160	-25.9	82	234 17	2654	-27.3	79	244 18
12	1263	-17.4	73	184 09	1718	-18.1	76	193 12	2210	-20.7	73	203 12	2706	-23.5	73	201 11
13	1299	-18.2	85	192 11	1752	-19.4	87	206 13	2240	-21.5	85	206 15	2735	-24.4	83	202 16
14	1192	-22.9	84	185 14	1636	-23.6	87	171 16	2110	-24.7	86	175 19	2607	-27.2	78	169 24
15	1262	-22.9	62	332 13	1706	-24.6	55	338 15	2175	-22.3	50	336 16	2668	-29.0	49	322 17
16	1322	-16.6	86	-	1773	-20.0	85	-	2250	-21.6	84	-	2757	-22.1	83	308 10
17	1305	-17.4	72	193 23	1758	-19.0	70	204 17	2250	-18.7	63	201 16	2752	-20.7	57	204 18
18	1203	-14.8	80	179 13	1661	-16.1	79	186 13	2140	-17.1	79	194 14	2663	-17.8	77	180 10
19	1210	-21.7	71	146 04	1656	-22.1	73	105 04	2130	-22.1	76	134 04	2641	-20.5	79	100 02
20	1224	-22.0	80	052 07	1670	-22.3	78	066 07	2150	-22.6	76	055 06	2650	-24.1	74	337 03
21	1250	-24.5	73	242 03	1692	-25.8	74	263 04	2160	-27.7	74	276 04	2650	-30.6	78	250 03
22	1339	-23.4	45	280 02	1782	-24.2	30	294 07	2250	-25.1	47	304 08	2750	-26.9	47	315 10
23	1403	-19.8	59	259 04	1857	-17.2	53	282 04	2320	-19.4	58	289 05	2847	-23.0	49	304 04
24	1440	-17.0	29	185 06	1895	-19.0	42	171 07	2360	-20.4	29	165 09	2880	-23.6	41	171 09
25	1427	-15.8	60	-	1884	-18.6	47	-	2350	-22.2	40	-	2865	-23.5	44	199 06
26	1408	-16.5	84	235 04	1863	-19.3	76	212 04	2330	-22.5	67	249 07	2843	-26.0	53	237 06
27	1313	-19.0	88	205 05	1704	-21.3	87	211 05	2240	-24.5	87	216 09	2738	-25.8	81	183 09
28	1376	-19.7	64	063 08	1825	-22.0	60	062 08	2300	-24.4	56	069 14	2798	-25.7	45	086 12
29	1460	-16.8	44	074 08	1914	-19.0	30	068 10	2390	-22.9	41	069 10	2894	-25.1	41	064 13
30	1528	-14.8	67	203 05	1987	-15.6	61	204 05	2460	-16.2	53	205 02	2990	-18.3	45	199 01
MN	1323	-19.6	71	215 03	1773	-20.9	68		2248	-22.7	66		2752	-24.5	61	234 04

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Day	SURFACE				1000 MBS				950 MBS				900 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	1011	-10.5	71	130 03	0147	-11.2	73	133 03	0540	-13.9	82	089 01	0950	-11.9	74	319 01
02	1012	-12.4	76	310 02	0196	-13.2	77	312 02	0540	-14.8	80	352 03	0994	-14.8	83	295 03
03	1016	-14.9	76	230 03	0180	-15.9	78	240 04	0560	-18.8	83	249 06	0966	-19.8	87	224 08
04	1004	-20.6	65	290 01	0151	-17.7	79	048 05	0530	-16.8	87	020 05	0943	-16.6	60	340 06
05	1002	-30.3	45	330 07	0097	-20.7	64	329 01	0470	-19.9	72	338 04	0878	-21.1	79	280 06
06	1002	-31.3	44	330 07	0079	-30.8	46	331 07	0450	-23.5	62	338 11	0843	-23.1	70	002 11
07	1005	-31.8	46	360 02	0096	-31.6	46	360 02	0460	-26.7	67	360 05	0856	-23.6	68	347 05
08	1003	-34.3	61	290 02	0086	-33.5	59	-	0460	-23.1	50	-	0853	-23.6	48	-
09	1001	-30.3	58	150 02	0070	-30.2	59	150 02	0440	-26.9	73	190 08	0826	-25.3	77	214 07
10	1000	-25.6	69	130 05	006											

RESOLUTE, N.W.T.

NOVEMBER 1961

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.

Zr	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	3978	-24.0	60		5297	-29.3	33		6858	-39.6	A22		8761	-56.3		
02	3998	-22.3	35	146 05	5316	-30.6	36	130 05	6869	-40.7		145 11	8761	-56.3	151 16	
03	3997	-24.2	41	256 08	5306	-31.6	A20	247 08	6851	-42.4		255 10	8730	-57.6	240 12	
04	3981	-25.8	69	246 17	5292	-30.6	6	241 19	6847	-41.1		241 26	8743	-54.6		
05	3852	-31.1	72	253 13	5130	-36.9	9	246 21	6645	-45.3		230 26	8532	-51.5	236 25	
06	3779	-30.0	A20	302 15	5053	-39.0	A22	289 14	6550	-48.9		298 14	8410	-52.8	279 18	
07	3782	-33.4	A2	309 09	5045	-41.6	6	293 10	6520	-50.9		239 08	8373	-52.2	266 09	
08	3753	-36.0	48		4999	-44.1	0	049 02	6469	-51.7		018 02	8322	-51.9	308 02	
09	3757	-36.1	41	198 04	5002	-43.9	23	236 04	6473	-51.3		289 06	8317	-54.1	256 05	
10	3711	-34.2	62	244 11	4970	-41.0	0	251 14	6451	-50.8		279 19	8300	-52.7	257 14	
11	3750	-33.4	70	238 19	5010	-41.6	6	245 22	6504	-48.3			8362	-55.2		
12	3818	-31.0	68	218 13	5088	-38.5	4	229 24	6590	-47.7		238 20	8438	-60.0	231 31	
13	3844	-30.8	77	202 11	5117	-38.4	7	70 196 22	6620	-47.8		192 28	8461	-60.5		
14	3705	-32.9	47	185 25	4967	-41.0	0		6451	-50.3		285 22	8337	-54.9	294 27	
15	3759	-34.0	47	314 18	5018	-41.4	4	314 25	6498	-51.6		322 19	8519	-58.0	335 26	
16	3877	-28.8	78	324 13	5160	-37.1	72	317 14	6667	-48.2		204 10	8592	-55.3	243 21	
17	3867	-24.4	53	201 02	5193	-33.1	17	250 10	6721	-45.2		204 09	8494	-57.0	236 08	
18	3802	-23.7	72	191 08	5111	-33.1	65	208 04	6639	-46.2		144 05	8429	-56.1	227 04	
19	3764	-26.9	79	194 02	5057	-35.5	5	72 134 04	6573	-47.5		357 06	8370	-56.5	264 03	
20	3760	-30.5	69	052 05	5035	-38.6	6	031 06	6520	-50.2		229 09	8314	-51.5	235 11	
21	3736	-35.2	66	238 16	4983	-42.8	8	232 07	6462	-50.7		335 14	8399	-60.2	307 11	
22	3850	-32.6	66	325 13	5109	-41.7	7	093 15	6584	-52.8		079 04	8503	-64.7	120 02	
23	3958	-30.8	49	141 02	5227	-40.0	0	194 15	6725	-52.9		171 19	8532	-62.6	177 11	
24	3990	-31.6	32	172 14	5250	-42.2	7	198 19	6705	-51.1		229 04	8538	-60.2	229 04	
25	3967	-32.9	52	208 06	5223	-41.7	7	223 06	6672	-51.8		280 08	8492	-62.1	275 07	
26	3941	-35.3	50	231 15	5186	-42.4	4	210 23	6570	-54.6		217 19	8369	-60.9	243 09	
27	3941	-35.3	50	231 15	5186	-42.4	4	210 23	6570	-54.6		055 15	8407	-58.5	055 15	
28	3998	-33.9	A20	073 14	5146	-45.2	0	051 08	6596	-56.5		042 35	8678	-62.0		
29	4004	-30.0	A20	053 16	5278	-38.7	A22	052 19	6787	-44.9		027 87	8941	-52.2	073 33	
30	4129	-24.4	27	107 01	5447	-28.8	A19	112 15	7015	-37.1	A22	090 27	8941	-52.2		
MN	3862	-30.4	53		5138	-38.4	49	241 05	6638	-48.4	22	244 05	8491	-56.3	262 07	

00 GMT.

CONSTANT PRESSURE DATA

Zr	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	11290	-58.2	2		177 12	13108	-56.7	7	207 11	15662	-59.4	4	224 07	17882	-61.8	229 06
02	11290	-58.2	2		233 13	13119	-55.1	3	244 10	15699	-56.6	6	268 09	17951	-58.9	300 08
03	11280	-55.7	3		15 10982	-47.8	8		15837	-52.9	5		15837	-52.9		
04	11329	-51.3			267 11	13103	-46.3	3	271 07	15788	-46.8	8	265 12	18116	-52.1	290 17
05	11359	-47.3			249 13	12998	-44.7	8	294 13	15696	-47.8	8	260 16	18041	-51.3	288 14
06	11074	-45.6			287 08	12967	-46.2	2	282 12	15665	-46.5	5	294 12	18009	-51.0	280 19
07	11054	-45.0			270 05	12911	-46.4	4	279 06	15597	-46.7	5	288 08	17924	-51.6	
08	11000	-46.2				12868	-48.1			15518	-51.2			17832	-53.4	
09	10973	-48.1				12854	-49.7			15493	-51.5		282 14	17797	-54.4	280 18
10	10964	-48.0			271 13	12854	-49.7			15512	-51.7			17815	-55.5	
11	10983	-49.6				12908	-49.1			15554	-51.5			17859	-53.6	
12	11031	-51.7				12920	-50.4			15962	-51.0			17881	-51.8	
13	11048	-51.6				12861	-50.1			15913	-51.8			17822	-52.3	
14	10979	-49.2			287 12	12868	-49.6	6	294 14	15518	-50.0	308	21	17852	-49.6	305 23
15	10982	-47.8				12999	-48.7	7		15672	-46.2			18037	-48.1	
16	11123	-51.4				13071	-48.9									
17	11188	-51.7			265 13	13015	-48.3	3	319 14	15680	-49.2	241	17	18016	-49.9	269 15
18	11119	-48.5			242 09	12935	-47.5	5	240 14	15613	-48.5	247	15	17951	-50.2	233 16
19	11049	-50.0			247 10	12885	-48.1	5	331 16	15591	-48.6	236	13	17889	-47.7	246 19
20	10991	-49.9			236 12	12876	-48.0	0	234 14	15591	-47.7	220	18	17900	-49.0	226 20
21	10979	-47.7			233 16	12869	-49.9	9	215 16	15524	-49.1	216	23	17854	-52.0	216 26
22	10990	-50.4			214 15	12859	-54.0	3	213 14	15471	-53.0	207	22	17765	-53.2	203 29
23	11019	-55.8			220 08	12886	-56.3	2	220 12	15468	-57.4	217	14	17725	-56.5	219 19
24	11057	-56.7			223 09	12894	-56.0	0	226 12	15468	-57.0	238	12	17642	-59.4	234 18
25	11066	-57.9			254 09	12850	-55.9	9	238 12	15400	-57.7	240	12	17642	-59.4	234 18
26	11081	-55.4			254 11	12786	-53.6	6	273 06	15380	-56.4	255	08	17621	-61.0	252 11
27	10941	-55.4			356 09	12800	-59.1	0	308 05	15307	-65.3	276	08	17457	-69.2	235 12
28	10982	-57.1				15036	-62.0			15307	-66.1			17687	-61.0	
29	11242	-58.5			074 38	13201	-66.2	2		15654	-66.4			17797	-69.8	
30	11467	-66.8														
MN	11083	-52.1			250 07	12948	-51.7			15567	-53.1			17856	-55.3	

CONSTANT PRESSURE DATA

12 GMT.

Zr	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	3993	-22.7	27	219 12	5309	-31.0	A20	199 22	6855	-41.8		204 27	8733	-54.2	203 35	
02	3964	-26.2	58	285 04	5259	-35.7	6	60 176 05	6789	-43.2		279 12	8736	-55.2	242 10	
03	3986	-25.8	47	239 13	5291	-31.9	A20	259 17	6930	-43.2		259 32	8738	-54.8		
04	3929	-28.3	63	288 13	5223	-36.9	5	32 275 14	6856	-48.9		236 27	8738	-54.8	236 36	
05	3802	-33.3	63	288 13	5069	-39.5	32	275 14	6564	-48.9		266 17	8438	-50.7	260 32	
06	3764	-32.0	A20	317 11	5031	-39.8	A22	272 07	6523	-49.9		283 11	8382	-51.9	272 07	
07	3755	-38.1	70	310 04	4997	-43.8	8	294 03	6470	-51.4		258 03	8326	-51.2	265 07	
08	3760	-35.8	47	031 04	5006	-43.5	0	010 03	6474	-52.1		356 05	8321	-53.9	358 06	
09	3712	-37.4	76	211 08	4951	-44.3	3	219 09	6412	-52.8		249 10	8262	-50.3	266 11	
10	3741	-32.7	70	244 13	5004	-39.2	3	256 18	6507	-47.6		267 22	8399	-53.8	258 22	
11	3774	-32.0	46	244 17	5041	-39.6	6	38 298 22	6540	-47.0		243 21	8397	-58.2		
12	3837	-28.1	73	217 13	5124	-36.7	7	214 17	6636	-46.4			8486	-59.6		
13	3791	-32.1	47	202 10	5051	-41.8	0	202 14	6529	-52.0		190 22	8486	-54.8	199 20	
14	3684	-34.2	A21	317 13	4943	-40.2	2	314 16	6441	-47.7		304 15	8325	-50.2	301 18	
15	3768	-34.7	70	245 06	5202	-42.8	8									

RESOLUTE, N.W.T.

DECEMBER 1961

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.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each level includes Altitude, Temp., R.H., and Wind data.

00 GMT. CONSTANT PRESSURE DATA

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each level includes Altitude, Temp., R.H., and Wind data.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each level includes Altitude, Temp., R.H., and Wind data.

12 GMT. CONSTANT PRESSURE DATA

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each level includes Altitude, Temp., R.H., and Wind data.

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

During the period 12 GMT, December 24, 1961 to 12 GMT February 28, 1962 inclusive, the USWB 1680 mc "unshielded" type radiosonde and GMD LA RDF tracking equipment were used for all ascents.

RESOLUTE, N.W.T.

DECEMBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

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	4128	-21.4	A18	140 20	5455	-28.1	A19	128 33	7022	-38.8	A22		8932	-53.1		
02	3952	-26.5	A19		5253	-32.7	A20		6767	-43.7			8649	-56.2		
03	3870	-22.1	53		5195	-30.3	47		6735	-44.2			8610	-56.2		
04	3731	-55.0	55		4987	-60.3	61		6499	-63.6			8392	-52.5		
05	3750	-52.7	67		5023	-58.8	60		6320	-68.9			8361	-56.0		
06	3674	-40.1			4907	-43.3			6404	-43.2			8335	-45.9		
07	3732	-41.5			4957	-44.9			6445	-47.2			8348	-47.4		
08	3926	-34.4	47	318 19	5184	-40.4	4	322 28	6674	-49.9			8514	-57.0		
09	4032	-30.9	29	254 12	5306	-38.9	A22	242 13	6801	-49.7	243 17		8641	-59.0	259 18	
10	3928	-35.0	59	264 17	5182	-42.2			6669	-50.1			8526	-57.0		
11	3824	-38.6	A22	342 17	5060	-44.1		337 20	6534	-50.8	332 22		8386	-53.1	308 22	
12	3797	-39.4	A22		5024	-47.4			6470	-53.7			8298	-56.6		
13	3800	-35.1	52	001 13	5038	-42.3			6539	-50.8			8367	-59.5		
14	3706	-31.5	58		4977	-38.9			6477	-47.9			8322	-59.0		
15	3513	-37.1	61	107 07	4794	-44.6	52	075 14	6235	-48.7	061 11		8093	-54.9	309 09	
16	3556	-42.4	04	18 44	4780	-45.7	036	11 036	6263	-48.4	040 09		8127	-55.4	190 02	
17	3538	-44.0	003	14 18	4762	-50.0	013	21 013	6202	-50.0	013 16		8087	-50.8	046 09	
18	3644	-43.1			4859	-48.5			6314	-50.8			8189	-51.3		
19	3857	-31.6	68		5125	-39.7	64		6514	-51.0			8429	-63.9		
20	3763	-32.9	47		5022	-41.7			6505	-50.2			8346	-57.4		
21	3711	-40.8			4939	-45.8			6399	-45.8			8238	-55.9		
22	3858	-36.8	58		5098	-45.3			6597	-54.3			8359	-62.3		
23	3683	-34.8	45	233 16	5121	-45.9		227 16	6575	-55.3	238 23		8381	-61.1		
24																
25																
26																
27	3926	-27.3	78		5227	-33.2	77		6762	-43.6			8634	-58.1		
28	3891	-28.9	79	193 28	5171	-37.7	76		6672	-48.5			8523	-59.8		
29	3756	-35.4	62		5006	-43.0	232	22 232	6488	-50.0	232 22		8337	-55.5	231 19	
30	3802	-27.2	78		5094	-35.6	74		6612	-46.0			8466	-58.8		
31	3555				4821	-40.8			6328	-44.2			8225	-52.0		
MN	3789	-34.4	51		5047	-41.1	51		6539	-48.4	22		8397	-55.9		

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	11454	-68.1			13165	-68.4			15602	-68.4			17729	-70.9		
02	11184	-59.4			12966	-65.8							15395	-69.7		
03	11120	-62.3			12892	-60.9							15387	-67.4		
04	11010	-54.9			12838	-58.8							15398	-67.7		
05	10968	-52.2			12812	-57.1							15397	-62.5		
06	10990	-52.0			12835	-56.1							15376	-62.1		
07	11000	-52.0			12843	-57.0							15383	-63.6		
08	11086	-56.8			12898	-59.8							15405	-64.3		
09	11177	-59.9			12975	-59.9										
10	11120	-52.8			12968	-55.4							15539	-58.0		
11	11003	-53.9			12858	-51.9		301 21	15467	-56.2			17772	-60.9		
12	10900	-52.1			12740	-56.1			15302	-59.8			17534	-61.9	300 24	
13	10916	-57.0			12722	-59.9			15248	-62.8			17424	-67.5		
14	10858	-57.5			12666	-59.5			15181	-63.5			17368	-68.1		
15	10672	-57.0			12479	-60.2		309 08	14982	-64.8		293 11	17141	-68.1	304 15	
16	10711	-56.1			12526	-59.6		081 04								
17	10694	-56.3			12507	-59.7		078 05								
18	10792	-57.4			12603	-60.2			15094	-66.8						
19	10929	-61.6			12701	-64.1			15174	-68.3						
20																
21	10809	-58.4														
22	10877	-60.6			12652	-64.5			15115	-68.2			17226	-72.7		
23	10897	-61.3			12670	-64.3			15126							
24																
25																
26																
27	11110	-65.4			12863											
28	11028	-62.5			12801	-63.6			15299	-68.9						
29	10905	-58.6			12700	-61.9		239 21	15180							
30	10957				233 21											
31	10891															
MN	10963	-57.8			12778	-60.1			15293	-63.9			17310	-67.6		

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

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	4099	-19.8	A17		5428	-28.7	A19		6992	-39.1	A22		8904	-53.2		
02	3909	-28.9	65		5208	-34.3	63		6731	-46.8			8578	-59.2		
03	3786	-24.2	36		5097	-31.2	31		6639	-42.1			8537	-52.3		
04	3739	-31.5	35		5009	-39.3	46		6507	-48.1			8372	-53.7		
05	3693	-38.0	61		4926	-46.2	61		6398	-49.7			8290	-48.8		
06	3719	-37.0	53		4983	-36.6	46		6508	-44.2			8395	-52.1		
07	3810	-41.3			5027	-47.6			6499	-48.4			8388	-49.8		
08	4014	-29.6	29	260 11	5290	-38.9	33	234 11	6785	-49.9	263 12		8620	-60.4	267 06	
09	3982	-33.5	A21	259 16	5236	-42.3		263 14	6717	-49.8	262 17		8563	-57.0	259 21	
10	3860	-37.4	55	287 18	5102	-43.8	8	282 20	6575	-51.8	277 21		8419	-54.4		
11	3829	-39.0	37	012 18	5060	-46.3	3	358 19	6520	-53.5	003 21		8337	-57.7		
12	3785	-38.8	A22		5017	-46.0			6473	-54.7			8307	-54.9		
13	3785	-33.8	64	339 15	5041	-41.1	338	22 338	6536	-48.8	355 25		8386	-59.3	341 35	
14	3582	-28.7	62		4850	-43.0			6279	-49.8			8139	-55.7		
15	3539	-39.6	59	058 08	4777	-42.7	065	10 065	6258	-49.7	015 06		8105	-57.3	311 05	
16	3543	-43.3	050	15 45	4766	-44.4	056	16 056	6234	-48.6	057 20		8123	-55.0	061 09	
17	3541	-44.7	241	05 45	4752	-47.2	291	01 291	6227	-47.6	080 06		8110	-50.7	311 04	
18	3723	-39.8			4964	-42.3			6449	-49.5			8302	-55.7		
19	3831	-32.4	50		5092	-41.5			6574	-51.4			8406	-58.1		
20	3665	-40.3			4897	-43.3			6388	-48.7			8246	-55.2		
21	3802	-36.8	37		5044	-44.7			6508	-53.4			8325	-59.9		
22	3891	-35.0	65	214 15	5139	-44.4		215 16	6601	-54.0	220 21		8404	-62.4	223 16	
23	3907	-35.0	68	226 18	5150	-44.5	229	22 229	6607	-54.3	228 29		8415	-61.6		
24	3831	-36.1	67	211 11	5076	-43.1			6549	-51.9			8377	-58.9		
25	3895	-32.8	A20		5161	-38.0	A22		6675	-47.0			8524	-60.7		
26																
27	3924	-28.7	74		5201	-38.6			6710	-47.4			8563	-59.8		
28	3778	-34.7	40		5031	-41.5			6528	-47.6	189 31		8390	-56.4		
29	3790	-34.5	76		5043	-4										

SACHS HARBOUR, N.W.T.

JULY 1961

STATION INSTRUMENTATION

USWB type radiosonde, Meteos RDF tracking equipment

INDEX No. 74051 LATITUDE 71°57'N LONGITUDE 124°44'W ELEVATION 84 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Day	SURFACE				1000 MBS				950 MBS				900 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.									
		°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.									
01	1005	002	2	87	320	07	0125	002	0	87	326	07	0525	-01	0	88	356	06	0966	-03	2	87	334	06	
02	0999	001	8	89	220	05	0073			0490	-01	1	80	243	07	0916	000	1	80	266	09				
03	0989	004	5	88	160	06	-005			0410	005	2	80	178	08	0855	004	6	74	209	04				
04	0988	005	0	95	160	04	-015			0405	010	1	90	185	08	0858	009	9	75	200	07				
05	0996	003	9	95	270	06	0054			0490	003	7	91	285	06	0909	002	6	93	285	08				
06	1006	010	8	65	360	05	0130	010	2	66	013	04	0560	006	5	72	053	03	0998	005	3	63	254	03	
07	1005	006	7	85	160	03	0127	006	5	84	163	03	0545	008	0	77	178	04	0995	006	0	72	196	03	
08	0999	009	0	86	135	07	0077			0500	012	2	65	183	11	0956	010	8	55	221	11				
09	1004	004	5	83	320	05	0120	004	0	81	316	06	0530	004	4	50	300	06	0978	004	9	97	275	08	
10	1005	004	4	95	315	05	0128	004	4	95	311	06	0540	004	0	95	280	07	0984	001	9	97	267	09	
11	1010	003	3	87	220	06	0166	003	0	84	280	07	0590	001	7	67	261	08	1016	000	3	70	271	08	
12	1002	007	8	65	180	05	0099	008	0	63	188	05	0520	013	5	47	180	07	0982	012	9	29	220	04	
13	0994	007	3	98	160	07	0035			0476	012	1	82	214	11	0916	014	2	46	237	12				
14	0995	004	4	72	360	13	0045			0460	009	9	74	350	14	0895	001	1	66	346	12				
15	1001	001	0	86	320	12	0090	000	9	86	320	12	0500	-01	6	82	328	07	0933	-00	2	78	337	07	
16	1001	001	0	86	320	05	0091	001	4	86	221	05	0495	-01	5	82	273	07	0934	001	2	64	285	09	
17	0990	002	0	100	270	07	0005			0420	000	0	99	275	09	0856	003	1	93	263	12				
18	0997	002	1	97	180	03	0061			0480	003	0	91	229	03	0914	004	0	84	249	07				
19	0986	015	6	68	070	01	-035			0400	013	0	69	057	05	0852	012	0	69	071	03				
20	0987	004	9	100	360	08	-027			0400	005	0	66	352	09	0828	008	0	95	357	05				
21	0999	005	0	79	310	02	0073			0500	003	0	62	279	04	0937	003	2	41	261	06				
22	0994	007	3	91	160	08	0032			0450	008	3	85	227	15	0910	011	6	55	231	20				
23	1005	003	7	88	180	04	0122	005	8	86	187	04	0530	004	4	78	270	05	0981	002	7	71	271	08	
24	1008	010	6	70	350	08	0151	009	8	71	009	08	0580	008	7	70	060	05	1020	005	0	74	093	08	
25	1014	013	5	67	270	02	0201	012	3	57	280	02	0610	010	6	55	188	02	1073	006	8	40	215	02	
26	1013	010	2	66	140	06	0192	010	8	62	159	07	0600	010	6	55	192	07	1068	007	1	65	219	06	
27	1012	004	4	78	340	11	0181	002	9	81	333	11	0600	004	0	84	308	12	1039	006	4	58	281	15	
28	1019	010	6	61	360	04	0242	009	0	65	032	04	0630	004	8	76	055	03	1105	006	7	48	279	02	
29	1014	011	9	67	160	05	0196	011	2	65	151	06	0605	009	6	57	133	07	1072	009	3	23	193	05	
30	1004	008	4	83	160	05	0217	011	1	76	162	06	0560	015	9	53	185	09	1009	013	5	50	206	05	
31	1000	003	9	90	320	07	0085	003	9	90	321	07	0500	005	2	88	340	13	0944	005	0	79	330	09	
MN	1001	06	3	82			95	06	3	77			513	05	9	75			958	05	7	65			

Day	850 MBS				800 MBS				750 MBS				700 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.								
		°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.								
01	1419	-02	2	83	308	11	1901	-04	0	75	297	12	2410	-04	9	57	309	13	2950	-07	7	42	315	14
02	1375	000	1	76	279	11	1860	-01	7	67	283	12	2380	-04	1	45	286	12	2911	-07	1	41	289	12
03	1320	002	1	80	253	07	1808	-01	0	88	235	08	2320	-03	5	88	250	08	2865	-05	9	87	257	12
04	1351	007	0	72	210	06	1827	003	2	79	212	06	2350	-00	2	81	210	06	2897	-04	0	83	200	07
05	1373	003	5	70	257	09	1864	001	1	60	258	09	2390	-01	4	47	249	09	2925	-04	8	43	234	10
06	1443	002	8	71	305	04	1952	-00	2	72	263	04	2480	-03	4	62	211	06	3008	-06	8	52	210	08
07	1461	003	6	66	209	04	1922	001	3	60	226	07	2475	-01	1	47	246	10	3016	-04	0	35	255	09
08	1431	008	1	51	241	10	1959	003	9	58	233	10	2460	-00	8	67	235	10	2999	-02	8	14	248	10
09	1443	002	5	30	269	09	1931	-00	2	22	262	11	2450	-02	1	65	236	15	2991	-05	0	25	249	15
10	1443	-00	5	98	261	12	1926	-03	3	97	266	12	2450	-04	6	92	258	14	2978	-06	1	72	253	16
11	1474	-01	0	68	290	10	1962	000	2	51	297	12	2490	-01	8	69	303	15	3026	-02	5	74	301	19
12	1460	010	0	41	240	06	1962	007	0	57	290	08	2500	003	3	62	264	07	3045	-00	4	67	269	08
13	1396	011	1	44	219	13	1899	007	6	58	222	14	2423	004	7	50	221	15	2988	001	7	29	223	17
14	1357	003	0	41	339	07	1846	002	0	25	328	08	2385	001	1	20	280	03	2919	-00	6	48	265	03
15	1389	-02	3	71	330	08	1869	-04	8	64	325	11	2380	-06	9	53	324	11	2911	-09	1	40	321	10
16	1394	000	9	40	285	10	1880	-01	9	48	285	09	2400	-04	9	57	292	10	2931	-07	2	41	287	11
17	1320	004	0	80	262	14	1814	003	1	70	261	15	2335	000	7	62	262	16	2885	-03	0	43	264	17
18	1380	004	6	67	251	08	1873	003	2	40	270	10	2400	006	6	55	274	12	2946	-02	5	50	274	15
19	1328	009	6	69	236	02	1803	006	8	68	239	05	2360	003	7	68	218	08	2913	-00	3	74	220	09
20	1311	006	6	94	349	08	1809	004	0	92	335	07	2330	001	1	91	327	07	2886	-01	7	90	321	10
21	1388	000	2	74	261	09	1873	-02	3	88	260	10	2380	-03	6	75	259	12	2928	-06	6	60	257	12
22	1385	009	0	62	230	17	1886	006	2	48	234	12	2410	003	1	45	245	13	2969	-00	3	51	236	19
23	1442	001	0	52	253	10	1929	-01	0	56	250	11	2450	-03	7	57	244	13	2984	-06	7	45	230	19
24	1483	001	1	78	091	02	1969	-02	6	73	090	03	2490	-04	9	78	075	05	3019	-08	0	83	102	04
25	1457	003	0	43	276	02	1929	-00	3	46	271	04	2350	-02	8	35	246	04	2888	-04	5	43	258	02
26	1536	004	0	67	239	05	2028	002	3	35	244	04	2540	-00	1	61	241	06	3096	-03	9	79	253	07
27	1509	007	8	20	289	17	2007	005	2	A13	288	18	2550	002	4	A14	288	18	2550	002	4	A14	288	18

SACHS HARBOUR, N.W.T.

JULY 1961

STATION INSTRUMENTATION
USWB type radiosonde, Metax 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. 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	4133	-19.6	26	321	15	5483	-25.0	A18	311	16	7068	-36.3	A21	923	19	9006	-49.2	338	21	
02	4098	-14.1	31	287	15	5458	-23.0	O	39	282	17	7051	-34.9	39	291	15	8996	-48.9	301	18
03	4060	-11.6	84	263	16	5440	-19.2	O	80	265	17	7083	-30.4	73	271	21	9044	-45.4	270	26
04	4100	-11.5	87	219	09	5482	-20.0	O	84	201	17	7098	-32.1	54	195	21	9073	-45.3	201	27
05	4116	-14.0	53	225	13	5485	-21.6	40	217	13	7090	-35.8	A21	214	11	9040	-50.1	214	14	
06	4198	-14.2	58	185	10	5358	-23.3	30	199	10	7181	-35.5	71	204	15	9101	-50.0	205	19	
07	4212	-13.0	52	254	14	5583	-20.7	69	265	25	7197	-32.3	58	253	23	9066	-47.0	250	27	
08	4207	-09.6	A15	247	13	5593	-18.9	A17	252	14	7217	-30.3	A20	247	28	9199	-45.3	253	28	
09	4188	-11.9	36	247	24	5575	-18.1	A17	261	29	7199	-31.4	A20	247	28	9190	-45.0	253	28	
10	4175	-11.2	24	249	24	5546	-21.7	62	247	27	7198	-32.9	39	306	24	9126	-44.8	311	25	
11	4233	-10.9	80	300	19	5616	-17.8	71	300	23	7247	-30.0	73	306	24	9227	-46.2	311	25	
12	4262	-08.1	57	275	09	5655	-17.4	66	273	11	7291	-28.7	54	270	13	9293	-42.1	291	37	
13	4255	-04.4	54	225	14	5620	-15.8	72	222	15	7261	-28.4	75	224	15	9254	-44.4	236	30	
14	4139	-06.6	26	231	05	5542	-15.0	50	211	08	7192	-26.3	52	231	10	9203	-42.2	237	19	
15	4090	-15.4	47	316	09	5445	-23.7	27	301	08	7036	-35.1	35	281	09	8993	-42.7	197	14	
16	4122	-12.4	26	297	10	5490	-22.5	A18	304	15	7093	-33.5	52	326	23	9042	-48.2	239	10	
17	4086	-11.5	46	272	19	5457	-21.6	44	276	11	7059	-34.5	53	271	16	9020	-47.1	197	19	
18	4154	-10.1	37	268	18	5534	-19.2	53	280	15	7164	-28.6	47	276	17	9158	-44.0	275	23	
19	4128	-07.1	79	215	08	5525	-16.8	67	204	10	7161	-28.6	45	194	09	9154	-44.6	220	16	
20	4100	-08.9	81	305	08	5492	-17.1	50	304	08	7123	-29.9	29	273	08	9113	-44.1	268	19	
21	4118	-13.3	29	276	15	5486	-21.0	A18	281	18	7097	-32.5	A20	295	20	9054	-49.0	298	24	
22	4188	-09.0	70	228	10	5568	-19.0	80	224	22	7189	-31.2	74	224	39	9161	-46.5	298	24	
23	4171	-14.1	60	235	20	5532	-23.8	46	230	22	7124	-34.0	41	231	34	9076	-48.4	223	09	
24	4202	-14.9	82	281	02	5556	-24.9	71	221	04	7136	-37.7	55	197	07	9062	-48.4	223	09	
25	4289	-10.9	A16	296	03	5662	-20.9	30	348	06	7271	-33.5	33	008	08	9228	-48.5	324	19	
26	4305	-09.5	82	267	08	5694	-17.7	78	286	11	7329	-29.1	71	311	14	9329	-44.1	371	19	
27	4303	-07.5	58	279	24	5702	-16.0	79	286	24	7466	-24.6	66	46	66	9388	-38.1	371	19	
28	4339	-10.8	50	308	12	5719	-18.7	76	291	23	7344	-30.2	79	298	23	9332	-44.5	296	23	
29	4329	-07.9	26	315	05	5723	-16.6	26	330	05	7358	-29.5	A20	328	06	9357	-46.9	293	24	
30	4294	-06.8	33	245	07	5694	-16.1	26	252	08	7334	-28.5	A19	263	07	9326	-44.5	271	06	
31	4277	-11.5	67	266	09	5554	-21.0	57	277	08	7199	-33.7	55	220	10	9126	-42.6	189	19	
MN	4185	-10.9	51			5564	-19.8	52	261	12	7181	-31.5	48	259	12	9155	-42.7	37	265	13

00 GMT. CONSTANT PRESSURE DATA

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	11725	-41.2	2	299	11	13679	-41.4	308	11	16430	-41.2	322	09	18858	-40.6	352	03		
02	11700	-42.0	2	297	14	13644	-42.0	307	14	16387	-42.0	345	02	18820	-39.3	393	03		
03	11685	-47.0	0	272	15	13605	-44.3	317	06	16339	-42.0	267	03	18754	-41.5	267	04		
04	11725	-46.0	0	220	09	13651	-44.0	223	11	16384	-42.2	212	07	18804	-41.0	197	06		
05	11735	-41.5	219	11	13682	-41.9	208	12	16427	-42.2	214	08	18840	-42.1	139	02			
06	11773	-42.8	230	12	13728	-41.0	226	11	16475	-43.0	215	08	18889	-41.2	216	04			
07	11858	-42.0	0	13806	-41.9	16551	-42.1	18904	-42.4	18964	-42.4	18964	-42.4	18964	-42.4	18964	-42.4	18964	-42.4
08	11881	-44.1	0	13810	-43.9	16534	-42.8	18954	-41.2	18954	-41.2	18954	-41.2	18954	-41.2	18954	-41.2	18954	-41.2
09	11858	-43.3	0	13801	-43.1	16533	-44.2	18935	-43.6	18935	-43.6	18935	-43.6	18935	-43.6	18935	-43.6	18935	-43.6
10	11857	-41.1	0	13815	-40.8	16558	-41.9	18967	-43.1	18967	-43.1	18967	-43.1	18967	-43.1	18967	-43.1	18967	-43.1
11	11878	-44.0	0	13818	-42.9	16534	-42.8	18964	-42.2	18964	-42.2	18964	-42.2	18964	-42.2	18964	-42.2	18964	-42.2
12	11942	-49.3	292	10	13852	-45.9	289	12	16557	-45.0	292	07	18945	-44.3	303	08			
13	11926	-44.5	0	13855	-44.1	16580	-43.2	18964	-42.4	18964	-42.4	18964	-42.4	18964	-42.4	18964	-42.4	18964	-42.4
14	11893	-41.0	224	10	13845	-42.0	231	06	16585	-42.6	254	06	18994	-42.6	290	02			
15	11790	-37.9	247	06	13794	-39.7	250	06	16512	-41.4	258	05	18937	-41.5	270	03			
16	11790	-39.8	513	11	13759	-40.4	279	06	16514	-40.8	279	04	18949	-41.5	240	04			
17	11737	-40.5	0	13687	-42.2	16437	-40.9	18869	-40.9	18869	-40.9	18869	-40.9	18869	-40.9	18869	-40.9	18869	-40.9
18	11817	-45.9	0	13746	-43.4	16483	-43.5	18899	-41.8	18899	-41.8	18899	-41.8	18899	-41.8	18899	-41.8	18899	-41.8
19	11813	-43.4	238	14	13732	-42.9	229	13	16493	-41.9	245	10	18912	-40.6	239	06			
20	11820	-42.0	238	14	13776	-41.0	257	14	16524	-42.5	245	11	18927	-43.1	229	07			
21	11775	-40.7	248	14	13735	-40.7	240	10	16493	-41.7	246	13	18906	-42.8	240	10			
22	11802	-44.3	0	13739	-42.7	16487	-41.6	18906	-42.8	18906	-42.8	18906	-42.8	18906	-42.8	18906	-42.8	18906	-42.8
23	11781	-42.2	0	13735	-39.8	16487	-41.7	18904	-41.8	18904	-41.8	18904	-41.8	18904	-41.8	18904	-41.8	18904	-41.8
24	11785	-41.8	242	08	13733	-42.1	250	08	16476	-42.1	238	04	18890	-42.1	230	05			
25	11893	-44.8	307	08	13820	-44.6	270	05	16543	-42.8	254	03	18953	-43.2	216	02			
26	11960	-48.3	321	12	13860	-46.9	325	10	16561	-44.7	299	06	18961	-42.5	189	04			
27	12045	-51.1	0	13904	-48.2	16614	-48.2	18961	-42.5	18961	-42.5	18961	-42.5	18961	-42.5	18961	-42.5	18961	-42.5
28	11898	-46.7	293	20	13902	-45.1	293	13	16599	-45.8	297	14	18989	-43.0	325	05			
29	11962	-49.8	335	09	13855	-48.0	325	10	16539	-46.2	321	08	18917	-44.9	360	03			
30	11937	-54.0	321	09	13829	-47.0	323	12	16521	-46.1	330	08	18904	-43.2	339	05			
31	11873	-42.9	291	08	13807	-44.6	286	09	16517	-45.5	317	06	18903	-44.0	341	06			
MN	11840	-44.1	273	09	13776	-43.2	276	08	16503	-42.9	271	05	18911	-42.2	270	06			

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	4132	-14.9	44	304	17	5489	-23.7	70	304	20	7083	-34.9	72	305	19	9031	-49.2	313	20
02	4055	-14.6	82	269	14	5415	-22.4	36	281	15	7021	-32.8	83	298	18	8976	-48.2	301	27
03	4063	-11.8	89	231	10	5442	-19.2	72	251	11	7039	-33.3	52	247	19	9043	-45.1	234	28
04	4107	-12.0	77	194	07	5482	-20.4	37	192	13	7092	-33.9	31	204	19</				

SACHS HARBOUR, N.W.T.

AUGUST 1961

STATION INSTRUMENTATION

USWS type radiosonde, Metos. RDF tracking equipment

INDEX No. 74051 LATITUDE 71°57'N LONGITUDE 124°44'W ELEVATION 84 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

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.

AUGUST 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude, Temp., R.H., and Wind for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data for various pressure levels and time 00 GMT.

Table with columns for Altitude, Temp., R.H., and Wind for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for various pressure levels and time 00 GMT.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude, Temp., R.H., and Wind for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data for various pressure levels and time 12 GMT.

Table with columns for Altitude, Temp., R.H., and Wind for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for various pressure levels and time 12 GMT.

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

SACHS HARBOUR, N.W.T.

SEPTEMBER 1961

STATION INSTRUMENTATION

USWB type radiolsons, Melex RDF tracking equipment

INDEX No. 74051 LATITUDE 71°57'N LONGITUDE 124°44'W ELEVATION 84 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each column contains sub-columns for Altitude (Pres. on Sfc.), Temp., R.H., and Wind (deg, mps, gpm).

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each column contains sub-columns for Altitude (Pres. on Sfc.), Temp., R.H., and Wind (deg, mps, gpm).

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Each column contains sub-columns for Altitude (Pres. on Sfc.), Temp., R.H., and Wind (deg, mps, gpm).

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Each column contains sub-columns for Altitude (Pres. on Sfc.), Temp., R.H., and Wind (deg, mps, gpm).

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.

SEPTEMBER 1961

STATION INSTRUMENTATION

USWB type radiance, Metax 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. 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	4041	-18.4	52	008	14	5376	-28.0	50	005	17	6937	-40.4	0	020	16	8842	-53.0	0	029	15	
02	4044	-19.2	64	360	06	5376	-28.0	0	70	326	05	6947	-36.9	61	270	09	8883	-49.8	8	272	12
03	4028	-19.0	79	006	04	5363	-27.4	60	045	05	6934	-37.2	46	066	09	8865	-50.8	8	083	09	
04	3985	-18.8	29	190	04	5323	-26.2	28	203	05	6899	-37.9	33	231	03	8822	-52.5	3	207	07	
05	4107	-19.0	30	008	13	5392	-27.7	28	010	15	6921	-37.7	7	45	016	12	8850	-50.0	0	015	05
06	4082	-18.1	25	260	05	5420	-27.5	58	312	05	6989	-39.6	6	58	294	07	8897	-54.0	0	319	07
07	4101	-16.0	36	007	04	5450	-25.3	33	359	07	7031	-37.0	0	31	350	11	8960	-51.2	2	397	13
08	4062	-15.8	41	061	04	5413	-24.7	A18	011	05	6996	-37.1	A22	013	08	8931	-50.0	0	325	07	
09	4107	-17.3	25	018	02	5450	-26.0	A19	308	01	7029	-37.8	A22	325	05	8954	-51.8	8	327	10	
10	4129	-20.6	6	37	101	04	5456	-29.6	31	099	10	7010	-41.4	1	101	11	8914	-50.4	4	291	08
11	4174	-17.4	4	23	083	08	5515	-25.7	A19	296	15	7095	-37.2	A22	277	16	9026	-50.3	3	096	21
12	4144	-13.9	79	272	12	5514	-20.7	58	284	23	7133	-30.4	4	55	293	36	9116	-44.9	9		
13	4123	-11.9	36	286	28	5504	-17.2	37	28	26	7153	-26.5	48			9164	-42.4	4			
14	4208	-12.8	A16	518	05	5583	-19.0	0	28	306	13	7209	-29.5	68	298	24	9202	-44.1	1	293	25
15	4145	-12.1	45	060	02	5515	-21.1	56	280	00	7128	-31.0	51	299	08	9099	-47.1	1	269	18	
16	4051	-14.1	61	310	06	5412	-23.1	69	301	08	7007	-35.0	69	290	13	8952	-50.1	2	283	18	
17	3983	-15.0	26	320	17	5393	-25.5	42	307	19	6918	-36.4	A21	301	22	8854	-50.3	3	285	19	
18	4009	-19.8	48	325	20	5340	-28.3	53	327	24	6905	-39.0	0	54	324	26	8825	-51.7	7		
19	4018	-18.2	25	338	11	5394	-27.4	A19	331	11	6925	-38.0	A22	323	17	8849	-51.9	9	309	21	
20	3960	-21.7	68	333	15	5280	-30.6	71	342	23	6834	-38.4	62	007	17	8766	-49.5	0	320	21	
21	3988	-20.6	35	305	12	5316	-28.9	A19	302	15	6877	-39.4	A22	300	16	8790	-52.4	4	290	19	
22	3927	-23.0	16	316	21	5246	-31.0	77	323	26	6788	-42.6	6	329	31	8684	-50.8	8			
23	3966	-22.0	53	343	24	5288	-29.3	30	336	38	6845	-40.4	4			8756	-52.6	6			
24	3998	-20.1	A17	350	03	5329	-28.0	A19	345	09	6958	-38.6	A22	329	11	8827	-50.1	1	321	24	
25	4011	-19.7	A17	273	02	5344	-27.7	36	278	06	6910	-39.5	6	68	272	05	8919	-54.0	0	298	09
26	4041	-23.0	0	18	113	5351	-32.5	30	273	17	6884	-43.7	7	253	21	8764	-56.2	2	257	17	
27	4056	-25.9	64	250	07	5351	-35.5	52	241	07	6866	-46.5	5	213	03	8729	-56.4	3	343	05	
28	4031	-27.0	61	233	05	5322	-35.6	55	320	03	6840	-46.9	9	348	07	8704	-57.2	2	015	13	
29	4012	-28.7	82	174	05	5300	-35.4	65	349	02	6821	-45.0	0	351	09	8699	-55.5	3	346	13	
30	3977	-27.2	66	029	06	5266	-39.4	50	036	06	6785	-45.7	7	351	04	8658	-55.1	1	310	06	
MN	4047	-19.2	44			5381	-27.6	42	319	09	6951	-38.5	42	321	10	8873	-51.2		315	09	

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	11497	-45.6	6		2992	06	13425	-43.9	9	012	03	16149	-44.0	0	280	04	18546	-44.0	0	001	02
02	11543	-44.9	9		2029	03	13470	-44.5	9	260	04	16184	-44.0	9	253	04	18567	-45.0	0	255	04
03	11548	-44.3	3		1986	03	13480	-43.7	7	201	04	16204	-44.3	3	250	04	18590	-45.0	0	240	06
04	11475	-45.4	4		222	02	13402	-43.2	2	073	02	16133	-43.7	7	020	02	18528	-44.5	3	086	04
05	11496	-46.1	1		351	05	13419	-44.0	0	279	02	16144	-43.4	4	256	03	18545	-43.7	7	238	02
06	11522	-47.1	1		310	06	13436	-45.8	8	290	05	16145	-44.7	7	254	04	18571	-43.9	9	194	04
07	11581	-48.1	1		332	09	13464	-46.0	0	327	05	16189	-45.3	3	327	04	18521	-45.2	2	242	06
08	11567	-46.7	7		321	04	13484	-45.1	1	293	05	16199	-44.7	7	267	07	18579	-45.8	8	264	04
09	11581	-47.1	1		313	06	13489	-45.7	7	298	05	16197	-46.0	0	292	07	18572	-45.8	8	275	05
10	11586	-46.7	7		313	07	13495	-46.7	7	322	08	16193	-44.7	7	279	06	18578	-45.2	2	303	07
11	11656	-51.1	1		304	25	13544	-48.2	2	297	17	16208	-48.1	1	318	11	18563	-47.4	4		
12	11740	-54.1	1				13604	-54.1	1			16258	-50.1	1			18592	-49.4	4		
13	11789	-54.9	9				13652	-51.9	9			16300	-50.6	6			18633	-49.5	3		
14	11806	-61.3	3				13623	-52.8	8			16247	-50.9	9			18571	-51.3	3		
15	11678									283	20	13474	-48.2	2	283	11	16158	-48.0	0	280	12
16	11469	-49.1	1		292	13	13374	-46.3	3	288	11	16062	-47.5	5	290	09	18419	-47.6	6	291	10
17	11484	-45.1	1				13405	-45.1	1			16110	-47.1	1			18483	-46.4	4		
18	11487	-48.3	3		302	21	13380	-48.5	5	302	10	16051	-47.9	9	306	16	18407	-47.8	8	300	11
19	11437	-46.8	8		327	23	13343	-47.0	0	305	12	16028	-47.2	2	322	21	18377	-49.4	4	301	09
20	11437	-46.9	9		300	19	13343	-46.9	9	301	16	16023	-46.4	4	301	13	18363	-49.9	9	301	12
21	11388	-42.8	8				13322	-44.7	7			16019	-47.9	9			18371	-50.4	4		
22	11411	-45.4	4				13333	-45.2	2			16027									
23	11448	-49.7	7		318	12	13346	-48.7	2	313	14	16033	-48.1	1	306	12	18372	-50.2	2	309	16
24	11379	-49.6	6		275	07	13288	-48.6	6												
25	11363	-47.9	9		262	08	13242	-47.5	5	280	09	15950	-47.0	0	266	09	18304	-48.7	7	288	10
26	11362	-47.8	7		282	05	13265	-46.7	7	279	05	15953	-47.4	4	247	04	18302	-48.3	3	262	09
27	11328	-48.2	2		212	04	13227	-47.5	5	295	04	15900	-48.9	9	258	05	18238	-49.9	9	260	10
28	11336	-46.8	8		324	05	13244	-46.9	9	322	05	15932	-47.1	1	290	04	18267	-48.8	8	261	06
29	11301	-46.6	6		335	04	13211	-47.6	6	315	02	15888	-48.0	0	337	03	18233	-49.7	7	292	04
MN	11509	-48.2			303	08	13407	-46.7	7	298	07	16103	-46.9	9	294	07	18468	-47.5	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. 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	4029	-19.2	61	355	06	5362	-27.0	0	32	343	07	6938	-37.2	A22	003	07	8867	-51.0	0	005	07
02	4034	-19.9	55	012	06	5362	-29.5	59	019	07	6921	-40.0	0	35	043	06	8849	-47.8	8	068	07
03	4040	-20.1	70	348	03	5395	-27.5	37	081	06	6910	-37.6	A22	077	07	8834	-52.0	0	060	10	
04	3985	-19.8	62	005	08	5317	-27.3	3	011	10	6887	-38.2	0	37	011	14	8809	-50.8	8	020	15
05	4046	-19.6	41	050	05	5379	-27.3														

SACHS HARBOUR, N.W.T.

OCTOBER 1961

STATION INSTRUMENTATION

USWB type radiocade, Metax RDF tracking equipment

INDEX No. 74051 LATITUDE 71°57'N LONGITUDE 124°44'W ELEVATION 84 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Day	SURFACE				1000 MBS				950 MBS				900 MBS							
	Altitude (Prc. 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	1010	-14.6	81	045	07	0160	-14.3	79	044	07	0560	-14.1	73	032	06	0959	-16.3	74	012	05
02	1008	-13.9	79	030	06	0148	-12.7	76	041	06	0540	-12.5	61	066	03	0950	-15.1	53	077	02
03	1006	-14.9	80	045	05	0127	-14.1	79	050	06	0510	-12.0	67	079	08	0931	-14.0	52	078	07
04	1000	-11.2	62	090	07	0084	-11.2	62	090	07	0470	-10.9	52	113	08	0891	-14.0	53	120	06
05	0998	-17.1	85	045	10	0071				0450	-13.9	59	075	09	0866	-16.6	64	093	08	
06	1004	-14.8	82	060	05	0114	-14.9	81	002	06	0490	-16.9	76	016	09	0905	-19.1	73	355	10
07	1006	-11.1	77	270	07	0133	-11.6	77	274	08	0520	-14.7	79	209	12	0931	-17.9	80	284	13
08	1003	-10.7	89	310	07	0105	-10.9	89	311	08	0495	-13.9	86	314	09	0905	-17.0	87	313	11
09	0997	-11.6	89	330	05	0061				0450	-10.9	87	357	08	0860	-16.5	83	352	09	
10	1007	-13.7	83	320	07	0137	-14.1	83	321	08	0510	-17.1	83	359	10	0927	-20.2	82	360	08
11	1011	-16.6	85	290	04	0168	-17.3	85	292	05	0550	-16.4	81	296	05	0958	-17.2	76	308	05
12	1003	-11.9	88	090	09	0109	-12.0	88	094	09	0490	-14.9	85	152	09	0907	-17.9	81	185	08
13	1000	-22.2	84	340	03	0080				0450	-18.7	71	341	07	0864	-17.7	59	350	06	
14	1001	-13.8	87	330	08	0094	-14.0	87	232	08	0480	-15.9	85	270	11	0888	-17.9	81	274	13
15	1005	-12.1	89	260	03	0122	-12.4	89	001	03	0500	-14.7	86	041	02	0923	-14.0	80	347	03
16	1003	-12.1	94	090	07	0107	-12.2	94	097	07	0500	-13.6	92	136	07	0908	-15.0	89	191	08
17	1001	-19.9	85	040	07	0091	-19.4	84	040	07	0480	-15.3	73	099	08	0885	-16.4	71	023	09
18	0998	-23.3	83	045	08	0118	-21.0	79	049	08	0500	-15.1	64	073	06	0913	-16.4	60	047	06
19	1015	-22.5	80	360	03	0190	-21.0	80	354	06	0580	-13.6	70	341	07	0988	-14.1	57	341	06
20	1014	-15.1	84	140	08	0192	-15.8	86	152	11	0580	-12.1	78	181	14	0994	-11.5	58	193	10
21	0996	-07.7	89	110	08	0053				0450	-06.2	83	163	10	0677	-04.0	60	194	03	
22	0998	-05.3	95	160	06	0064				0460	-07.4	91	182	06	0911	-05.4	66	290	01	
23	0995	-08.6	91	110	09	0047				0430	-09.6	80	150	12	0862	-10.7	85	158	08	
24	0998	-12.2	89	110	09	0067				0460	-10.2	86	167	07	0878	-09.4	83	196	04	
25	1000	-10.6	90	090	05	0084	-10.6	90	090	05	0470	-10.8	89	200	05	0893	-13.6	90	204	05
26	0995	-08.3	84	140	07	0047				0440	-10.4	85	172	10	0857	-12.9	88	196	07	
27	0992	-07.7	91	135	05	0019				0410	-09.5	90	192	06	0833	-11.9	88	206	06	
28	0998	-17.8	84	340	03	0069				0430	-11.4	79	094	08	0872	-11.9	89	200	06	
29	0996	-14.7	77	045	03	0074				0460	-13.8	84	048	03	0970	-13.8	84	048	02	
30	0996	-16.7	81	060	05	0029				0420	-12.1	70	112	08	0837	-07.2	82	079	06	
31	1003	-13.7	87	020	03	0110	-13.8	87	057	03	0500	-15.7	84	184	02	0907	-14.2	82	150	04
MN	1002	-13.7	85			99	-14.4	83			485	-13.1	78			901	-14.2	72		

Day	850 MBS				800 MBS				750 MBS				700 MBS							
	Altitude (Prc. 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	1386	-20.2	75	015	04	1832	-24.2	75	343	06	2310	-19.4	65	316	07	2822	-21.7	58	323	07
02	1379	-18.0	61	090	04	1831	-19.6	61	090	07	2310	-19.7	51	082	06	2821	-21.9	39	035	05
03	1362	-16.6	61	063	07	1815	-20.7	53	036	04	2300	-21.6	63	030	05	2797	-23.4	49	312	07
04	1322	-17.1	59	105	05	1774	-21.3	68	058	05	2260	-25.6	68	030	05	2750	-24.1	64	030	05
05	1293	-19.0	73	084	07	1745	-19.8	67	081	04	2240	-21.6	63	081	02	2730	-22.9	48	350	01
06	1327	-22.7	77	344	12	1773	-21.0	74	341	08	2260	-22.0	56	327	02	2755	-22.9	37	341	02
07	1356	-20.2	81	282	17	1806	-19.8	79	288	12	2300	-21.0	78	301	08	2793	-21.7	77	319	08
08	1334	-15.4	86	313	14	1791	-14.0	80	325	09	2290	-14.5	82	340	09	2802	-17.6	75	352	08
09	1291	-15.0	80	342	10	1752	-14.1	82	339	14	2240	-17.0	80	317	15	2795	-20.7	77	329	13
10	1353	-18.3	82	005	11	1807	-18.9	81	009	15	2300	-21.7	79	810	17	2791	-24.7	77	064	14
11	1385	-18.8	67	358	03	1836	-20.7	55	360	04	2310	-22.6	61	527	03	2816	-25.0	44	308	04
12	1392	-21.0	67	193	06	1778	-23.0	74	202	03	2260	-23.0	73	208	06	2757	-25.2	70	214	06
13	1290	-19.8	48	343	04	1740	-20.0	55	298	06	2220	-22.2	53	295	08	2721	-24.6	51	289	09
14	1315	-19.0	77	265	14	1765	-21.4	75	258	13	2250	-24.0	74	284	13	2740	-25.7	71	269	16
15	1354	-17.0	74	333	03	1808	-18.1	65	302	07	2290	-16.4	64	309	07	2810	-18.5	31	263	06
16	1359	-16.6	67	153	08	1795	-18.2	84	160	08	2290	-17.8	81	194	09	2792	-19.1	80	210	08
17	1314	-16.9	66	341	05	1770	-17.2	62	327	07	2250	-18.8	55	316	08	2769	-21.8	46	312	09
18	1344	-14.7	39	019	05	1803	-16.1	41	004	05	2300	-17.9	44	340	06	2802	-20.3	42	362	07
19	1421	-15.2	35	341	07	1879	-16.9	52	340	08	2360	-18.9	64	336	09	2879	-22.0	44	351	09
20	1433	-12.0	64	201	07	1899	-12.1	61	219	06	2400	-14.0	61	240	06	2911	-17.0	61	211	05
21	1328	-05.1	65	000	00	1803	-07.8	77	141	02	2310	-10.6	80	164	02	2831	-13.7	80	180	04
22	1337	-08.4	88	268	03	1805	-11.7	86	273	03	2300	-15.1	83	329	03	2817	-15.2	70	302	06
23	1299	-12.1	90	148	08	1770	-07.0	64	147	04	2280	-09.3	62	138	04	2802	-11.9	45	199	08
24	1323	-06.9	63	178	07	1796	-08.6	65	174	07	2300	-10.6	65	179	05	2824	-13.0	61	186	06
25	1331	-08.9	70	210	07	1803	-08.6	67	222	08	2300	-09.6	60	239	08	2835	-12.4	31	259	10
26	1292	-11.9	85	195	11	1756	-12.4	82	192	12	2250	-12.7	55	197	13	2774	-14.8	36	195	13
27	1273	-09.9	87	229	07	1740	-12.6	82	245	07	2240	-13.3	78	247	08	2749	-18.2	73	247	08
28	1312	-10.4	56	345	06	1778	-12.9	44	343	06	2270	-13.3	52	346	07	2792	-15.8	38	348	09
29	1313	-11.6	63	280	01	1778	-12.1	41	206	02	2260	-13.6	61	213	06	2791	-17.9	41	211	08
30	1281	-08.0	61	076	07	1753	-09.9	61	078	06	2250	-13.8	61	085	05	2766	-17.9	41	110	07
31	1341	-13.2	82	119	03	1799	-15.9	73	050	02	2300	-19.0	55	029	02	2805	-21.1	38	029	02
MN	1334	-14.8	67	294	01	1793	-16.0	63			2284	-17.4	56			2793	-19.6	51	296	03

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Day	SURFACE				1000 MBS				950 MBS				900 MBS							
	Altitude (Prc. 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	1008	-16.7	76	360	09	0146	-15.9	75	009	09	0520	-13.5	70	065	06	0945	-16.8	79	050	03
02	1008	-17.4	86	070	04	01														

SACHS HARBOUR, N.W.T.

OCTOBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No. 74051 LATITUDE 71°37'N LONGITUDE 124°44'W ELEVATION 84 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Z	600 MBS				500 MBS				400 MBS				300 MBS							
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.				
01	3946	-26	7	42 340	06	5242	-34	9	A21 331	05	6765	-45	5	332	07	8643	-55	1	321	08
02	3945	-27	4	A19 331	06	5234	-36	2	A21 322	10	6751	-45	5	327	12	8626	-52	6	315	12
03	3917	-27	2	66 308	10	5209	-35	0	57 336	12	6733	-45	1	335	12	8613	-53	9	331	14
04	3865	-28	3	46 351	05	5160	-33	6	A21 325	16	6701	-40	8	319	30	8610	-50	5	311	37
05	3851	-27	5	A19 311	05	5146	-33	6	A21 285	11	6678	-43	8	286	12	8566	-52	3	280	22
06	3875	-28	2	A19 283	02	5162	-36	3	A21 254	03	6675	-46	6	256	08	8549	-53	0	267	12
07	3917	-27	4	75 339	06	5208	-35	2	73 026	05	6730	-45	3	048	10	8601	-56	0	062	11
08	3942	-27	7	56 033	07	5257	-31	0	51 007	09	6798	-43	6	027	10	8679	-54	3	008	13
09	3882	-25	0	67 348	16	5193	-30	1	46 349	25	6746	-41	1	347	25	8641	-55	0	337	20
10	3906	-28	3	68 348	13	5194	-35	6	54 340	15	6717	-45	0	392	22	8583	-57	7	305	17
11	3923	-30	4	60 292	06	5200	-38	1	59 272	10	6704	-47	9	278	13	8539	-59	3	285	18
12	3868	-28	9	68 230	07	5157	-35	1	63 241	11	6686	-44	0	261	16	8561	-57	0	238	18
13	3831	-30	0	45 269	12	5106	-38	8	45 258	13	6602	-49	8	239	13	8447	-55	8	273	11
14	3850	-29	5	70 278	19	5135	-35	5	68 283	20	6655	-46	0	283	27	8517	-57	1	285	14
15	3945	-25	0	44 264	13	5255	-32	7	70 272	20	6788	-44	6	273	24	8649	-58	8	272	33
16	3931	-24	0	76 248	11	5235	-34	1	68 243	15	6756	-46	4	254	18	8615	-57	7	265	18
17	3884	-28	1	A19 300	17	5177	-34	7	A21 302	26	6702	-44	8	287	27	8578	-54	3	290	31
18	3930	-26	9	34 332	09	5221	-36	1	32 331	13	6732	-46	9	330	14	8594	-54	2	317	24
19	3992	-29	1	61 317	10	5272	-37	8	49 328	12	6780	-47	2	338	18	8638	-56	5	320	26
20	4052	-23	8	A16 263	08	5362	-31	7	A20 299	11	6920	-40	0	48 305	20	8620	-55	2	302	22
21	3988	-20	5	80 251	08	5312	-29	9	73 255	09	6870	-40	0	65 249	20	8769	-54	0	266	28
22	3968	-21	6	67 311	09	5295	-28	4	68 313	16	6859	-39	3	55 324	19	8771	-53	7	317	22
23	3966	-19	4	35 156	12	5295	-28	9	30 197	09	6855	-40	0	55 227	08	8758	-54	4	216	16
24	3984	-20	2	A17 213	05	5307	-30	2	48 249	03	6855	-42	3	288	03	8743	-56	2	261	08
25	3992	-21	0	41 266	06	5312	-30	9	54 248	04	6855	-42	6	242	04	8736	-57	6	290	09
26	3931	-20	4	A17 174	11	5255	-30	8	29 176	15	6803	-42	4	174	14	8690	-55	7	157	18
27	3886	-25	0	62 231	07	5186	-34	6	55 219	09	6707	-47	0	217	10	8560	-56	4	207	09
28	3934	-24	8	A18 326	08	5233	-35	0	A21 337	10	6750	-47	0	352	06	8599	-57	9	193	05
29	3928	-25	8	A19 213	09	5221	-36	3	A21 195	08	6732	-47	2	227	10	8604	-55	3	256	16
30	3905	-23	9	A18 114	05	5208	-33	9	51 118	04	6751	-41	3	222	07	8640	-52	0	217	06
31	3941	-25	0	34 284	01	5245	-32	9	46 286	01	6784	-43	2	210	05	8637	-56	3	217	18
MN	3925	-25	6	45		5226	-33	8	44 292	07	6756	-44	3	56 295	10	8633	-55	3	288	12

Z	200 MBS				150 MBS				100 MBS				70 MBS							
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.				
01	11296	-46	7	320	06	13202	-47	7	321	06	15866	-50	0	299	04	18191	-51	9	292	03
02	11300	-46	5	304	12	13206	-47	3	302	09	15876	-49	4	264	05	18205	-51	4	270	04
03	11277	-46	0	310	14	13187	-47	1	305	10	15858	-49	5	294	08	18179	-52	4	300	10
04	11266	-47	7	300	16	13157	-48	4	297	14	15820	-49	5	286	12	18152	-50	4	291	13
05	11235	-46	1	279	09	13145	-46	7	277	09	15831	-47	3	270	07	18181	-49	3	272	08
06	11288	-49	4	279	06	13074	-48	4	273	04	15735	-49	7	268	06	18065	-51	0	262	07
07	11216	-49	9	308	03	13103	-48	5	319	04	15764	-50	1	280	07	18086	-51	9	281	07
08	11276	-51	7	340	09	13144	-51	3	321	08	15780	-51	3	299	08	18097	-52	1	320	06
09	11221	-51	6	305	11	13093	-51	1	309	07	15734	-51	6	308	08	18044	-53	0	298	05
10	11158	-52	7	313	08	13027	-51	5	299	06	15657	-52	1	268	04	17961	-54	0	249	06
11	11125	-51	7	258	06	12996	-51	5	265	07	15621	-52	8	190	05	17917	-54	6	204	03
12	11130	-51	1	236	08	13003	-51	0	238	06	15641	-52	0	195	04	17941	-54	0	228	08
13	11090	-48	8	262	13	12976	-49	9	267	11	15621	-51	8	247	11	17919	-55	0	258	09
14	11140	-48	6	273	20	13027	-50	0	267	11	15674	-51	4	266	15	17970	-54	9	265	20
15	11225	-52	6	272	30	13092	-51	7	270	25	15713	-53	2	272	17					
16	11216	-50	3	277	18	13096	-50	7	276	15	15727	-52	7	277	16	18024	-54	4	280	20
17	11222	-48	4	293	21	13114	-48	9	299	21	15771	-50	7	296	25	18081	-53	7	295	23
18	11236	-49	6	299	19	13135	-47	6	299	20	15805	-49	8	299	21	18124	-52	8	296	22
19	11246	-49	6	309	15	13137	-47	8	306	19	15811	-49	4	303	21	18142	-51	2	295	22
20	11176	-46	6	300	20	13235	-51	7	305	19	15871	-51	2	295	18					
21	11392	-49	8	279	18	13277	-48	8	280	20	15947	-50	7	294	16	18287	-49	4	283	15
22	11361	-51	9	303	15	13218	-49	8	294	15	15886	-47	3	292	13					
23	11320	-54	3	236	08	13192	-48	9	244	06	15844	-50	0	236	07	18160	-52	2	253	08
24	11298	-54	0	250	04	13159	-50	3	221	05	15822	-49	3	231	05	18147	-51	0	232	10
25	11275	-55	6	279	07	13125	-52	3	243	05	15766	-49	8	237	07	18097	-50	8	238	11
26	11258	-52	2	205	06	13132	-49	3	220	07	15778	-51	2	240	12	18093	-51	7	240	15
27	11206	-47	9	207	09	13103	-47	5	209	10	15784	-47	7	217	16	18129	-49	9	221	16
28	11226	-49	1	207	13	13113	-49	1	213	14	15774	-49	1	228	11	18108	-50	7	223	13
29	11250	-48	6	248	16	13137	-50	9	245	17	15784	-51	0	255	19	18105	-51	2	244	14
30	11242	-51	0	228	10	13118	-50	1	243	15	15772	-49	8	253	17	18099	-51	7	243	10
31	11247	-52	9	214	07	13109	-51	4	213	08	15738	-53	8	248	12	18031	-54	4	269	14
MN	11241	-50	3	276	11	13124	-49	6	274	10	15776	-50	5	271	10	18091	-52	2		

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Z	600 MBS				500 MBS				400 MBS				300 MBS							
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.				
01	3937	-27	0	36 323	04	5228	-35	7	34 309	06	6747	-45	8	282	09	8621	-54	0	298	09
02	3946	-27	8	44 317	07	5235	-35	7	32 316	09	6755	-44	5	316	11	8633	-53	5	302	15
03	3886	-27	6	58 340	10	5184	-3													

SACHS HARBOUR, N.W.T.

OCTOBER 1961

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.

Table with columns for Day, 50 MBS, 30 MBS, 20 MBS, 10 MBS. Rows include altitudes, temperatures, RH, and wind speeds for various days in October 1961.

00 GMT. SPECIAL AEROLOGICAL DATA

Table with columns for Day, SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Rows include synoptic data, altitudes, pressures, temperatures, and wind velocities.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for Day, 50 MBS, 30 MBS, 20 MBS, 10 MBS. Rows include altitudes, temperatures, RH, and wind speeds for various days in October 1961.

12 GMT. SPECIAL AEROLOGICAL DATA

Table with columns for Day, SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Rows include synoptic data, altitudes, pressures, temperatures, and wind velocities.

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.

NOVEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

INDEX No. 74051 LATITUDE 71°57'N LONGITUDE 124°44'W ELEVATION 84 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Z	SURFACE				1000 MBS				950 MBS				900 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	1005	-16.6	80	020 07	0123	-16.3	80	022 07	0500	-15.2	76	054 05	0919	-14.8	79	111 02
02	1010	-21.6	81	045 06	0156	-15.8	75	045 06	0540	-13.1	75	029 03	0957	-14.9	75	323 03
03	1010	-18.9	86	090 03	0156	-18.8	85	120 03	0540	-16.8	81	179 03	0945	-17.2	84	146 04
04	1009	-17.7	79	045 02	0149	-17.8	79	050 02	0530	-19.0	78	109 03	0934	-18.2	81	151 03
05	1006	-20.4	82	360 02	0128	-19.6	80	357 02	0505	-17.4	75	353 03	0917	-17.7	75	350 03
06	0999	-20.1	88	030 04	0073				0460	-15.9	82		0862	-16.1	81	
07	1004	-23.0	78	320 09	0128	-24.3	75	321 10	0500	-22.3	71	327 12	0901	-24.0	71	325 13
08	1004	-23.8	83	225 09	0112	-23.8	82	226 10	0480	-22.9	72	240 07	0884	-21.5	72	260 08
09	0997	-27.4	77	330 06	0062				0430	-24.1	69	282 08	0827	-23.7	64	371 11
10	0994	-27.2	71	000 00	0039				0410	-28.2	67	250 06	0798	-23.9	67	251 07
11	0996	-26.7	72	140 02	0054				0420	-25.4	68	154 03	0822	-22.5	60	159 03
12	0992	-18.7	86	200 09	0021				0410	-21.2	75	194 11	0800	-20.4	77	203 11
13	0994	-25.6	73	250 05	0043				0430	-25.0	74	257 09	0809	-23.6	77	268 08
14	0996	-24.8	78	135 02	0054				0430	-19.3	83	126 01	0834	-21.3	86	000 00
15	0997	-16.6	85	210 08	0062				0450	-17.4	82	239 17	0852	-15.3	86	246 18
16	0984	-10.6	92	160 22	-040				0360	-11.9	87		0768	-07.0	88	
17	0979	-14.1	85	270 02	-077				0310	-12.4	86	301 05	0728	-09.3	88	298 07
18	0989	-16.8	76	320 07	-001				0390	-16.4	78	355 13	0787	-19.9	79	358 10
19	1001	-22.6	73	090 03	0088	-22.0	71	092 03	0470	-17.1	63	113 05	0877	-18.1	66	179 04
20	0992	-26.0	73	315 05	0080				0450	-21.2	72	296 06	0853	-21.4	77	292 06
21	0993	-18.9	80	140 09	0029				0410	-15.0	77	168 15	0815	-14.5	82	163 13
22	0992	-17.9	82	160 10	0026				0410	-15.7	77	168 15	0821	-11.4	77	189 18
23	0990	-19.5	74	090 04	0077				0460	-18.9	78	172 06	0861	-16.9	80	175 06
24	1000	-17.8	82	140 04	0085	-17.8	82	141 04	0460	-18.3	83	179 06	0872	-18.1	83	183 06
25	0997	-21.2	85	135 06	0060				0430	-20.8	74	186 08	0837	-20.9	72	191 09
26	1009	-29.1	63	290 06	0151	-29.0	61	289 07	0520	-26.7	62	288 10	0911	-26.3	65	289 09
27	1011	-27.7	65	000 00	0162	-27.8	66	345 01	0530	-28.4	68	319 04	0917	-29.0	69	280 03
28	1026	-33.9	53	135 02	0269	-29.5	64	238 03	0650	-23.0	68	360 06	1039	-20.2	68	025 08
29	1020	-24.7	73	135 08	0224	-24.7	73	196 14	0620	-14.6	52	191 20	1021	-09.9	31	203 12
30	1015	-22.9	76	140 08	0202	-19.9	72		0600	-10.7	29		1008	-09.6	15	
MN	1001	-21.8	78		90	-21.9	75		470	-19.3	72		873	-18.2	72	

Z	850 MBS				800 MBS				750 MBS				700 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	1350	-17.0	79	178 02	1803	-20.2	79	190 04	2280	-24.0	80	164 03	2784	-21.0	77	106 05
02	1388	-17.0	73	295 04	1841	-19.5	71	295 03	2390	-22.0	69	204 02	2825	-21.9	68	117 04
03	1373	-18.8	84	160 06	1824	-21.0	82	166 06	2300	-24.2	80	152 05	2797	-27.8	79	169 06
04	1358	-21.5	80	137 03	1806	-20.0	76	210 03	2295	-22.0	65	250 04	2787	-24.3	53	251 03
05	1348	-16.0	89	307 03	1802	-18.1	67	277 04	2290	-20.3	65	276 04	2793	-22.9	63	295 04
06	1292	-16.5	74		1748	-17.7	49	229 06	2230	-19.9	50	238 06	2738	-23.0	66	256 07
07	1316	-26.5	69	312 13	1753	-27.5	69	307 13	2225	-27.4	64	305 13	2713	-29.0	30	303 16
08	1305	-21.9	73	268 08	1752	-22.9	75	275 08	2230	-23.8	76	282 09	2727	-25.9	75	280 10
09	1246	-22.9	55	273 13	1692	-23.2	67	273 14	2180	-25.0	42	272 16	2662	-27.0	36	270 17
10	1216	-24.2	70	270 10	1659	-23.1	74	279 13	2140	-25.3	77	278 15	2630	-25.0	74	270 15
11	1242	-21.6	67	199 02	1690	-22.4	61	246 05	2170	-25.1	68	251 06	2660	-27.6	79	237 07
12	1224	-19.7	79	206 12	1675	-20.2	79	215 12	2160	-22.8	75	217 16	2654	-25.4	71	220 17
13	1227	-23.6	77	274 09	1670	-24.5	75	285 09	2145	-26.2	69	290 09	2635	-28.6	63	295 10
14	1254	-22.4	59	000 00	1703	-20.6	36	350 01	2190	-21.0	29	280 04	2688	-23.1	35	271 09
15	1282	-17.4	84	250 18	1735	-19.7	82	265 16	2220	-22.4	80	268 15	2714	-26.6	75	273 18
16	1212	-09.5	87		1681	-11.0	85		2190	-11.0	84		2706	-13.4	81	
17	1172	-08.8	85	298 08	1642	-09.3	77	291 09	2140	-11.2	29	285 10	2667	-14.1	A16	285 13
18	1213	-12.8	70	345 11	1679	-11.4	51	325 11	2180	-13.5	50	320 12	2693	-16.9	43	326 13
19	1306	-16.9	72	224 07	1763	-15.3	82	241 11	2250	-18.0	80	244 14	2761	-21.1	77	237 13
20	1274	-22.5	77	272 06	1719	-24.5	69	280 08	2200	-26.6	61	289 08	2693	-28.9	52	286 10
21	1247	-18.0	77	226 11	1705	-17.0	57	236 09	2200	-18.8	56	238 11	2698	-22.1	79	246 13
22	1260	-12.2	68	196 22	1723	-13.1	46	198 20	2220	-16.7	37	199 16	2725	-20.5	27	194 14
23	1293	-15.0	75	172 05	1750	-18.6	77	177 06	2240	-22.3	78	169 08	2736	-23.2	36	162 07
24	1299	-17.7	83	189 07	1752	-18.8	82	186 07	2240	-21.0	80	189 09	2738	-23.2	77	182 12
25	1259	-21.0	70	191 10	1707	-22.1	70	186 11	2190	-23.3	70	186 14	2684	-24.7	70	184 16
26	1324	-26.1	69	281 08	1764	-26.2	70	267 09	2240	-27.1	70	245 11	2725	-30.0	69	239 11
27	1324	-31.0	69	235 03	1753	-33.3	69	217 03	2210	-36.1	67	185 02	2600	-39.1	65	000 00
28	1463	-19.1	63	035 10	1915	-19.0	44	032 10	2400	-21.0	37	022 11	2602	-29.2	9	A18 023 16
29	1464	-08.5	A15	181 06	1934	-10.4	30	130 03	2430	-10.8	40	057 03	2961	-11.4	45	065 10
30	1448	-11.2	A16	119 12	1913	-11.7	A16	119 12	2400	-11.8	A16	084 09	2995	-12.2	A16	069 14
MN	1299	-18.5	69	245 05	1752	-19.4	65		2237	-21.4	61		2737	-23.4	58	254 05

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Z	SURFACE				1000 MBS				950 MBS				900 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	1009	-20.0	85	020 06	0150	-17.8	84		0540	-14.0	82		0949	-14.4	78	
02	1009	-17.5	85	110 05	0150	-16.7	83	135 04	0540	-16.2	82	233 03	0942	-16.6	82	265 05
03	1008	-19.7	80	150 03	0146	-19.4	78	151 04	0510	-17.6	67	160 06	0934	-18.2	72	172 06
04	1008	-17.2	87	090 04	0144	-17.6	87	085 03	0520	-19.5	85	048 01	0926	-21.5	84	022 02
05	1002	-21.1	81	020 04	0096	-21.1	81	018 04	0470	-17.3	77	348 02	0884	-14.9	63	233 03
06	1001	-17.9	89	020 02	0088	-18.0	89	018 02	0470	-19.6	87	305 03	0871	-20.0	85	233 03
07	1008	-28.8	82	330 03	0138	-28.1	81	322 03	0500	-25.4	75	309 06	0903	-23.6	71	318 07
08	0999	-20.6	79	225 10	0074				0450	-20.6	78	248 10	0892	-22.0	78	258 14
09	0996	-29.8	75	045 02	0052				0420	-25.5	68	320 04	0816	-23.6	67	297 04
10	0995	-27.4	77	340 03	0045				0420	-26.0	74	304 03	0807	-24.4	69	286 03
11	0995	-23.9	71	140 05	0045				0430	-23.2</						

SACHS HARBOUR, N.W.T.

NOVEMBER 1961

STATION INSTRUMENTATION

USWB type radiosonde, Metlox RDF tracking equipment

INDEX No. 74051 LATITUDE 71°57'N LONGITUDE 124°44'W ELEVATION 84 METERS

CONSTANT PRESSURE DATA

00 GMT.

Table with columns for Altitude, Temp., R.H., and Wind for pressure levels 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data for days 01-30 and MN 3853.

CONSTANT PRESSURE DATA

Table with columns for Altitude, Temp., R.H., and Wind for pressure levels 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for days 01-30 and MN 11126.

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for Altitude, Temp., R.H., and Wind for pressure levels 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data for days 01-30 and MN 3859.

CONSTANT PRESSURE DATA

Table with columns for Altitude, Temp., R.H., and Wind for pressure levels 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for days 01-30 and MN 11126.

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.

DECEMBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, and 900 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

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

Commencing December 30, 00 GMT, the 403 mc "unshielded" type radiosonde was used for all ascents.

SACHS HARBOUR, N.W.T.

DECEMBER 1961

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.

00 GMT.

CONSTANT PRESSURE DATA

Z	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	4061	-25.0	39	108	09	5361	-34.0	A21 095	14	6892	-43.4	087	23	8780	-54.6	082	34	
02	3909	-23.1	A18 051	08	5228	-30.6	A20 061	10	6778	-41.5	062	08	8676	-54.4	080	12		
03	3711	-24.2	51	049	17	4964	-42.2	041	14	6460	-46.3	043	13	8556	-49.6	031	16	
04	3649	-23.9	A21 031	21	4901	-39.2	A22 029	42	6419	-43.1	034	26	8346	-47.5				
05	3597	-28.9	65	007	21	4827	-45.9	007	25	6315	-46.3	013	26	8227	-47.2	008	17	
06	3701	-38.0	56	349	24	4942	-44.1	348	32	6412	-51.5			8280	-50.7			
07	3870	-31.6	60	298	10	5139	-39.7	294	14	6631	-49.5	310	13	8473	-57.1	310	20	
08	3972	-32.2	60	230	05	5236	-40.2	236	06	6734	-47.8	198	03	8548	-56.7	091	06	
09	4000	-33.8	53	255	06	5259	-40.6	245	09	6752	-44.7	278	09	8604	-55.8	278	09	
10	4005	-29.8	42	302	10	5285	-37.0	A22 315	24	6804	-44.3	318	36	8697	-52.9	315	42	
11	3956	-29.4	38	306	13	5236	-36.4	A21 321	17	6768	-42.9	328	26	8662	-51.5	323	39	
12	3971	-24.4	A16 054	17	5275	-33.3	A20 331	17	6822	-39.2	50		8730	-54.2				
13	3875	-20.1	75		5197	-30.9	69		6748	-39.7	65	240	31	8668	-52.9	258	33	
14	3701	-28.4	69	301	31	4980	-38.9	64		6481	-48.1			8555	-53.1			
15	3735	-31.8	A20 035	18	5010	-38.9	A22 033	16	6472	-50.5	342	17	8310	-59.0	338	18		
16	3826	-36.2	68	339	08	5071	-43.4	336	08	6546	-51.6	339	10	8362	-62.8	338	08	
17	3819	-32.3	72		5084	-39.7	67		6575	-49.9			8406	-61.2				
18	3839	-32.1	72	358	33	5107	-39.7	70		6606	-48.0			8446	-60.8			
19	3741	-34.8	66	041	10	4993	-42.7	033	10	6466	-53.0	026	13	8292	-59.5	021	14	
20	3725	-39.1	65	279	07	4958	-46.1	320	09	6408	-56.1	038	09	8214	-59.2	048	07	
21	3628	-37.6	65	294	02	5069	-44.3	043	03	6536	-53.6	023	06	8354	-60.6	013	07	
22																		
23																		
24	3863	-35.8	53	249	02	5113	-42.9	016	03	6584	-53.1	122	02	8395	-60.9	179	05	
25	3852	-36.0	31	328	03	5110	-43.1	159	05	6589	-50.3	224	11	8426	-60.0	227	13	
26	3828	-36.6	05	468	05	5085	-42.1	060	05	6548	-50.3	110	04	8248	-61.0	154	03	
27	3797	-40.0	65	337	08	5043	-42.8	326	06	6527	-49.6	306	05	8373	-57.4	240	02	
28	3762	-36.4	61	327	12	5012	-42.0	306	10	6491	-51.8	303	09	8333	-57.6	265	07	
29	3734	-36.4	A21 268	10	4976	-44.3	226	13	6448	-51.2	241	19	8289	-56.8	244	25		
30	3714	-39.2	68	272	06	4942	-47.1	272	07	6394	-54.0	269	06	8227	-55.8	262	09	
31	3724	-39.6	75	310	19	4924	-46.2	311	19	6414	-51.8	304	22	8264	-53.9	302	24	
MN	3817	-33.3	52		5078	-40.7	40	347	09	6572	-48.5	57	320	07	8430	-56.1	314	08

Z	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	11327	-81.0	077	23	19106	-63.1	062	08	15996	-64.9	287	02	17749	-68.9	275	07
02	11197	-84.4	077	08	12971	-60.0	342	07	15482	-63.7	316	07	17655	-66.9	324	10
03	10999	-82.7	024	00	12684	-59.9	004	07	15414	-57.7	334	14	17637	-63.5	318	12
04	10975	-82.0			12826	-54.8			15414	-56.8			17646	-62.9		
05	10900	-80.5	325	09	12770	-52.4	330	10	15351	-59.2	284	11	17557	-65.2	262	17
06	10930	-80.8	305	13	12750	-54.1	295	12	15355	-61.0	263	12	17543	-66.3	273	13
07	11050	-85.4	299	15	12879	-56.6	281	13	15420	-62.1	276	15	17611	-64.8	298	13
08	11149	-88.0	288	13	12960	-56.6	294	13	15505	-59.2	309	18	17734	-60.6	311	24
09	11202	-84.0	308	14	13046	-54.8	308	17	15632	-56.0	308	15	17894	-58.0	315	16
10	11281	-84.2	311	29	13130	-54.0	310	26	15717	-56.0	312	19	17964	-58.7	312	19
11	11275	-84.3	319	41	13114	-84.2	316	30	15690	-57.1	308	24	17941	-58.6	316	26
12	11259	-89.7	134	24	13063	-57.8	130	35	15624	-57.3			17866	-60.2		
13	11207	-80.1			13006	-57.2			15559	-59.2			17800	-58.4		
14	10962	-82.5			12815	-53.8			15414	-55.9			17670	-58.7		
15	10979	-80.9			12804	-58.9			15239	-59.7			17458	-61.7		
16	10872	-87.7	314	14	12681	-58.6	320	17	15199	-63.2	316	19				
17	10896	-81.0	324	11	12647	-61.0	341	17	15153	-64.0	339	15	17317	-61.9	333	22
18	10917	-81.0			12693	-62.1			15175	-65.3						
19	10960	-81.3			12735	-63.0			15210	-66.7			17942	-70.0		
20	10833	-88.9	014	13	12626	-61.2	017	14	15126	-65.4	001	10	17275	-69.9	348	11
21	10764	-88.2	004	05	12562	-61.9	320	06	15054	-66.0	342	07	17190	-71.4	355	06
22	10891	-88.9	311	04	12691	-60.1	299	05	15184	-65.9	325	06	17336	-69.3	325	09
23																
24	10937	-88.8	268	09	12744	-59.2	276	12	15263	-63.0	288	14	17443	-66.3	297	22
25	10965	-82.7	246	11	12710	-70.1	220	10	15305	-62.3	288	15	17487	-66.0		
26	10915	-89.2	201	08	12716	-60.1	232	09	15220	-65.1	244	15				
27	10932	-88.3	200	07	12735	-60.6	216	11	15229	-66.1	227	14	17371	-70.1	246	20
28	10890	-88.4	257	11	12688	-61.7	268	13	15177	-65.8	246	19				
29	10839	-89.9	247	24	12630	-61.7	235	23	15115	-66.5	251	28	17251	-70.9	261	23
30	10816	-89.8	255	16	12638	-61.7	255	20	15147							
31	10856	-87.0	292	23	12674	-58.7			15192	-64.0			17355	-68.2		
MN	10995	-87.4	301	07	12809	-58.4	296	08	15339	-61.9	288	12	17564	-64.9		

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Z	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	3994	-28.6	56	028	05	5294	-31.7	A20 153	06	6844	-40.5	149	11	8746	-54.5	147	17	
02	3790	-26.8	A19 025	19	5090	-32.8	A20 007	28	6628	-44.8	015	34	8529	-53.1	015	30		
03	3726	-27.1	72	042	23	5019	-34.8	67	037	28	6548	-44.8						
04	3593	-39.3	71	342	22	4818	-43.5	348	26	6348	-44.8	353	49	8244	-45.3			
05	3593	-40.8	72	346	17	4825	-43.4	346	19	6315	-46.3	336	22	8337	-45.0	323	17	
06	3798	-33.7	74	313	21	5061	-39.4	71	323	22	6552	-50.8	315	18	8686	-57.4	326	24
07	3935	-31.7	58	254	04	5204	-39.3	41	230	04	6699	-49.3	235	03	8556	-56.8	232	03
08	3990	-31.9	48	241	05	5253	-40.8	231	04	6744	-49.3	237	08	8603	-56.1	213	05	
09	4018	-32.1	38	321	11	5285	-39.6	A22 335	17	6783	-47.2	327	22	8640	-54.0	322	32	
10	3978	-29.0	63	301	10	5265	-36.3	52	303	22	6784	-44.5	307	26	8667	-54.9	309	33
11	3958	-25.5	A19 344	09	5265	-31.7	A20 343	18	6814	-40.9	319	30	8735	-51.8	308	40		
12	3930	-23.4	A16 206	04	5239	-32.0	40	274	08	6790	-41.0	310	13	8686	-54.7	326	09	
13	3731	-26.4	61		5032	-33.4	52		6565	-43.4			8449	-53.7				

