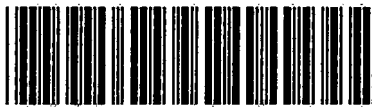


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Report N.:



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METEOROLOGICAL BRANCH - DEPARTMENT OF TRANSPORT - CANADA

ARCTIC SUMMARY

JANUARY TO JUNE 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

JANUARY TO JUNE 1961

TORONTO, ONTARIO

UDC: 551.506.1(98) 551.506.7(98)

Price 75 cents

STATION LOCATIONS

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

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

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

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

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

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

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° pyrheliometer are published in the Monthly Radiation Summary of the Meteorological Branch.

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

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

UNITS AND SYMBOLS

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

the exception of the following definitions:

A day with fog is defined as a day when fog has occurred with a visibility less than $5/8$ ths 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	BD	Blowing Dust
D	Dust	BN	Blowing Sand
H	Haze	BS	Blowing Snow

UPPER AIR DATA

The upper air data included in this publication are the daily values and monthly means of checked data obtained from the rawinsonde ascents at Canadian locations in the far north. In the format and content, in the selection of the standard pressure levels for publication, and in the criteria for the selection of tropopause levels, the aim has been to conform as far as

possible with the resolutions and recommendations passed by the Executive Committee of the World Meteorological Organization. Corresponding upper air data from all other Canadian operated radiosonde stations will be found in the "Monthly Bulletin Canadian Radiosonde Data" which is published monthly beginning with the January 1959 data.

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 tropopause 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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OTTAWA, 1962

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DAILY CLIMATOLOGICAL DATA

ALERT

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

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

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	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Fog	Wind Blowing Snow ≥ 32 mph ≥ 39 mph

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	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Fog	Wind Blowing Snow ≥ 32 mph ≥ 39 mph

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

CLYDE

ALERT NWT
JANUARY 1961

01	-22	-33	-28	T	T	19				
02	-24	-32	-28			19				
03	-27	-36	-32			19				
04	-29	-38	-34			19				
05	-28	-37	-33			19				
06	-32	-37	-35			19				
07	-36	-40	-38			19				
08	-35	-42	-39			19				
09	-28	-39	-34	T	T	19				
10	-28	-42	-35	T	T	19				
11	-36	-40	-38			19				
12	-33	-41	-37			19				
13	-31	-36	-34			19				
14	-28	-38	-33			19				
15	-19	-36	-28	T	T	19	1			
16	05	-30	-13			19	1 1 1			
17	-12	-26	-19			19	1 1 1			
18	-10	-20	-15			19	1 1 1			
19	-15	-22	-19	.02	.2	19				
20	-21	-27	-24	T	T	19				
21	-18	-32	-25	T	T	19	1			
22	-17	-26	-22	.02	.2	19				
23	-18	-20	-19	.02	.2	19				
24	-21	-26	-24			19				
25	-18	-32	-25	T	T	19				
26	-17	-34	-26	T	T	19				
27	-06	-25	-16	T	T	19	1			
28	00	-16	-08	T	T	19	1 1			
29	-10	-19	-15	.01	.1	19				
30	-20	-35	-28	.01	.1	19				
31	-18	-25	-22	.02	.2	19				
SUM							6 5 3			
AVG	-21	-32	-26							
EXT	05	-42		.02	0.2					

ALERT NWT
MARCH 1961

01	-32	-45	-39	.04	.4	20				
02	-28	-41	-35	.03	.3	21	1			
03	-11	-37	-24	.01	.1	21	1			
04	-16	-26	-21	T	T	21	1 1 1			
05	-26	-32	-29	.01	.1	21	1			
06	-24	-34	-29	T	T	21				
07	-28	-39	-34	.01	.1	21				
08	-38	-43	-41	T	T	21				
09	-42	-53	-48			21				
10	-49	-51	-50			21				
11	-49	-54	-52			21				
12	-41	-55	-48			21				
13	-23	-54	-39	.03	.3	21				
14	-21	-51	-36	.01	.1	21				
15	-23	-37	-30			22				
16	-22	-33	-28			22				
17	-35	-43	-39			22				
18	-32	-43	-38			22				
19	-35	-40	-37	T	T	22				
20	-22	-43	-33	.04	.4	22				
21	-20	-31	-26	.05	.5	22				
22	-12	-34	-23	.04	.4	23	1			
23	-25	-33	-29	T	T	23				
24	-26	-42	-34	.01	.1	23				
25	-25	-41	-33	.01	.1	23				
26	-30	-41	-36			23				
27	-29	-37	-33			23				
28	00	-16	-08			23				
29	-25	-38	-32			23				
30	-21	-37	-29			23				
31	-24	-39	-32	T	T	23				
SUM				.29	2.9		5 1 1			
AVG	-28	-40	-34							
EXT	-11	-55		.05	0.5					

ALERT NWT
MAY 1961

01	-02	-12	-07	T	T	26				
02	00	-16	-08	.01	.1	26				
03	01	-15	-07			26				
04	-03	-15	-09			26				
05	-06	-17	-12			26	1			
06	-02	-17	-10			26				
07	03	-14	-06			26				
08	07	-12	-03			25				
09	10	03	07			25				
10	05	-03	01			25	1			
11	12	-11	01	.08	.8	25				
12	16	-01	07	.15	1.5	25				
13	11	00	06	.02	.2	26				
14	12	03	08			26				
15	09	-04	03			26				
16	08	-03	03			26				
17	10	-02	04			26				
18	08	01	05			26				
19	06	-02	02	T	T	25				
20	08	01	05			25				
21	05	-01	02			25				
22	17	-02	08	.03	.3	25				
23	14	07	11			25				
24	17	15	16			25				
25	20	09	15	.01	.1	25				
26	17	10	14	.02	.2	25				
27	16	06	11	.01	.1	24				
28	00	-16	-08			24	1			
29	23	14	19			24				
30	22	13	19			23				
31	31	16	24			24				
SUM				.33	3.3		2 1			
AVG	10	-01	05							
EXT	31	17		.15	1.5					

CLYDE NWT
JANUARY 1961

01	-03	-07	-05	T	T	8				
02	-13	-23	-18			8				
03	-20	-27	-24			8				
04	-25	-30	-28			8				
05	-23	-31	-27			8				
06	-23	-32	-28			8				
07	-11	-32	-22	T	T	8				
08	-10	-23	-17	T	T	8				
09	-22	-35	-29			8				
10	-40	-44	-42			8				
11	-35	-45	-40			8				
12	-37	-45	-41			8				
13	-33	-50	-42			8	1			
14	-30	-46	-38	T	T	8				
15	-23	-42	-33	.06	.6	8	1 1 1 1			
16	-15	-28	-22	.14	1.4	8	1 1 1 1			
17	-17	-25	-21	T	T	10	1			
18	-21	-37	-29			10	1			
19	-14	-28	-21			10				
20	-15	-30	-23			10				
21	-24	-31	-28			10				
22	-12	-35	-24	T	T	10	1			
23	-08	-25	-17	.01	.1	10	1			
24	-03	-11	-07			10				
25	-05	-10	-08			10				
26	-01	-16	-09			10				
27	-06	-19	-13			10				
28	-06	-22	-14			10				
29	-06	-20	-13			10				
30	-08	-18	-13			10				
31	-09	-16	-13			10				
SUM				.21	2.1		1 6 2 2			
AVG	-17	-29	-23							
EXT	-01	-50		.14	1.4					

CLYDE NWT
MARCH 1961

01	-24	-34	-29			10				
02	-26	-41	-34			10				
03	-31	-40	-36			10				
04	-29	-43	-36			10				
05	-27	-38	-33	T	T	10				
06	-27	-38	-33	T	T	10				
07	-27	-38	-33	T	T	10				
08	-13	-40	-27	.02	.2	10				
09	-19	-27	-23			10				
10	-23	-39	-31			10				
11	-26	-39	-33			10				
12	15	07	11	.07	.7	11				
13	-25	-40	-33	T	T	10				
14	-27	-40	-34			10				
15	-31	-43	-37			10				
16	-21	-44	-33	.02	.2	10	1			
17	-15	-25	-20	.01	.1	10	1			
18	-16	-27	-22			10				
19	-18	-27	-23			10				
20	-16	-32	-24			10				
21	-24	-40	-32			10				
22	-10	-34	-22			10				
23	-05	-30	-19			10				
24	-13	-27	-20			10				
25	-15	-32	-24			10				
26	-13	-32	-23			10				
27	-12	-32	-22			10				
28	-12	-29	-21			10				
29	-13	-37	-25			10				
30	-17	-36								

DAILY CLIMATOLOGICAL DATA

SACHS HARBOUR

Date	Temperature (°F)			Precipitation (Inches)		Days with Snow on ground (Inches)	Fog	Blowing Snow 2-32 mph 3-39 mph 4-46 mph	Wind
	Maximum	Minimum	Average	Total	Snow				

SACHS HARBOUR NMT
JANUARY 61

01	-19	-25	-22			T	T	8
02	-24	-34	-29			T	T	8
03	-20	-33	-28					8
04	-25	-32	-29					8
05	-35	-39	-37					8
06	-30	-44	-37					8
07	-30	-34	-32					8
08	-34	-42	-38					8
09	-38	-44	-41					8
10	-35	-44	-40					8
11	-32	-40	-36					8
12	-26	-39	-33					8
13	-25	-31	-28					8
14	-25	-30	-28					8
15	-28	-36	-32					8
16	-26	-35	-30					8
17	-21	-33	-27					8
18	-24	-29	-27					8
19	-06	-30	-18					8
20	00	-24	-12					8
21	06	-07	-07					8
22	08	-07	01					8
23	-02	-06	-04			T	T	8
24	02	-10	-04	.01	.1			8
25	01	-03	-01			T	T	8
26	-11	-21	-16					8
27	-04	-20	-12					8
28	-13	-17	-15					8
29	-04	-18	-11					8
30	-04	-15	-10					8
31	-06	-13	-10					8
SUM				.01	0.1			7
AVG	-17	-27	-22					
EXT	06	-44		.01	0.1			

SACHS HARBOUR NMT
MARCH 1961

01	-15	-24	-20			T	T	9
02	-20	-28	-24					9
03	-28	-35	-32					9
04	-22	-42	-32					9
05	-30	-36	-33					9
06	-24	-35	-30					9
07	-29	-35	-32					9
08	-29	-36	-33					9
09	-25	-40	-33					9
10	-29	-35	-28					9
11	-18	-28	-23					9
12	-15	-25	-20					9
13	-19	-32	-26					9
14	-26	-34	-30					9
15	-17	-34	-26					9
16	-14	-28	-21					9
17	-24	-35	-30					9
18	-15	-32	-24					9
19	-13	-35	-24					9
20	-17	-29	-23					9
21	-16	-30	-24					9
22	-18	-30	-24					9
23	-17	-29	-23					9
24	-11	-27	-19					9
25	-13	-23	-18					9
26	-08	-26	-17					9
27	-09	-18	-14					9
28	-16	-24	-20					9
29	-09	-24	-17					9
30	-18	-25	-22					9
31	-22	-30	-26					9
SUM						T	T	2
AVG	-19	-31	-25					11
EXT	-08	-42				T	T	

SACHS HARBOUR NMT
MAY 1961

01	09	-04	03			T	T	9
02	16	01	09					9
03	19	07	13	.03	.3			9
04	14	07	11	.02	.2			9
05	04	-06	-08					10
06	03	-14	-06					10
07	11	-08	02					10
08	21	07	14	.04	.4			10
09	19	14	17	.02	.2			10
10	13	04	09					10
11	13	-01	06					10
12	16	-03	07					10
13	11	04	08					10
14	14	-02	06					10
15	20	07	14					10
16	30	11	21					10
17	29	22	26					10
18	24	21	23					10
19	27	21	24					10
20	34	21	28					9
21	29	24	27					8
22	32	16	24					8
23	37	24	31	.01				8
24	32	28	30					7
25	32	20	26			T	T	7
26	37	24	31					6
27	-09	-18	-14					4
28	38	32	35	.02	.2			3
29	31	28	30			T	T	3
30	32	27	30					3
31	38	27	33					3
SUM				.14	1.1			11
AVG	23	13	18					
EXT	39	-14		.04	0.4			

SACHS HARBOUR NMT
FEBRUARY 61

01	-16	-19	-18					8
02	-18	-26	-22					8
03	-12	-24	-18			T	T	8
04	-12	-32	-22			T	T	8
05	-02	-34	-18					8
06	-02	-14	-08					8
07	-04	-10	-07	.03	.3			8
08	00	-08	-04	.01	.1			8
09	-02	-04	-03			T	T	8
10	-10	-25	-18					8
11	-28	-36	-32					8
12	-34	-39	-37					8
13	-30	-40	-35			T	T	8
14	-28	-37	-33					8
15	-14	-36	-25			T	T	8
16	-14	-27	-21	.01	.1			8
17	-19	-33	-26	.01	.1			9
18	-23	-31	-27			T	T	9
19	-26	-31	-29	.01	.1			9
20	-34	-41	-38					9
21	-29	-41	-35					9
22	-22	-36	-29			T	T	9
23	-23	-30	-27			T	T	9
24	-26	-36	-31					9
25	-22	-34	-28			T	T	9
26	-20	-26	-23					9
27	-24	-30	-27					9
28	-17	-30	-24			T	T	9
SUM				.07	0.7			9
AVG	-18	-29	-24					9
EXT	00	-41		.03	0.3			

SACHS HARBOUR NMT
APRIL 1961

01	-22	-36	-29					9
02	-18	-32	-25					9
03	-10	-27	-19					9
04	-14	-26	-20			T	T	9
05	-13	-24	-19					9
06	-15	-26	-21			T	T	9
07	-25	-35	-30					9
08	-19	-36	-28					9
09	-22	-28	-25					9
10	-12	-34	-23			1	1	9
11	-21	-28	-25			1	1	9
12	-16	-37	-27					9
13	-16	-23	-21					9
14	-15	-35	-25					9
15	-17	-29	-23					9
16	-09	-31	-20					9
17	-08	-22	-15					9
18	-11	-16	-03	.01	.1			9
19	18	04	11			T	T	9
20	20	01	11			T	T	9
21	05	02	04	.01	.1			9
22	00	-12	-06					9
23	06	-11	-03	T	T			9
24	10	-05	03	.01	.1			9
25	13	-04	05					9
26	20	05	13					9
27	21	17	19	.02	.2			9
28	18	12	15			1	1	9
29	07	-01	03			1	1	9
30	06	-12	-03					9
SUM				.09	0.9			1
AVG	-04	-18	-11					1
EXT	21	-37		.02	0.2			

SACHS HARBOUR NMT
JUNE 1961

01	43	29	36					2
02	45	35	40					1
03	42	34	38					1
04	35	27	31					1
05	39	26	33					T
06	48	30	39					T
07	52	39	46			T	T	T
08	52	40	46					T
09	37	31	34					T
10	41	29	35					T
11	41	35	38					1
12	51	36	44					1
13	39	38	46					1
14	47	32	41					1
15	41	33	37			T	T	1
16	39	28	34			T	T	T
17	39	28	34					1
18	43	28	36	.04				1
19	58	36	47					1
20	40	34	37					1
21	55	31	43					1
22	66	45	56					1
23	62	44	53					1
24	57	45	51			T		1
25	55	40	48					1
26	47	40	44					1
27	46	41	44			T	T	1
28	34	31	33					1
29	32	29	31					1
30	38	29	34			T	T	1
SUM				.04	T			10
AVG	46	34	40					1
EXT	66	26		.04	T			

SYNOPTIC OBSERVATIONS

ALERT

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

ALERT NWT JANUARY 1961 0100 EST

Table of synoptic observations for January 1961 at 0100 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT JANUARY 1961 0700 EST

Table of synoptic observations for January 1961 at 0700 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT JANUARY 1961 1300 EST

Table of synoptic observations for January 1961 at 1300 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT JANUARY 1961 1900 EST

Table of synoptic observations for January 1961 at 1900 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT JANUARY 1961 0400 EST

Table of synoptic observations for January 1961 at 0400 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT JANUARY 1961 1000 EST

Table of synoptic observations for January 1961 at 1000 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT JANUARY 1961 1600 EST

Table of synoptic observations for January 1961 at 1600 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT JANUARY 1961 2200 EST

Table of synoptic observations for January 1961 at 2200 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

SYNOPTIC OBSERVATIONS

ALERT

Date	Calling (100% R)	Validity (Local)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Down-Pole (°F)	Sky Cover (Inch)
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ALERT NMT
FEBRUARY 1961 0100 EST

01 020 04	S-	1019.3 C	00 -29 -29 -32 10
02 050 04	BS	1009.4 NW	08 -10 -10 -18 10
03 120 15		1009.3 W	29 -09 -06 -13 10
04 040 15		1004.5 W	04 -13 -14 -21 10
05 UNL 10		1008.5 N	04 -18 -19 -28 2
06 UNL 15		1005.7 C	00 -22 -23 -35 0
07 UNL 10		1015.2 C	00 -53 -54 -65 4
08 050 04	S-	1014.9 NE	04 -25 -26 -33 10
09 UNL 15		1018.1 C	00 -32 -33 -43 0
10 UNL 15		1012.1 C	00 -35 -35 -49 0
11 UNL 15		1020.1 C	00 -43
12 UNL 15		1021.9 C	00 -46
13 070 03	IC	1015.7 C	00 -41
14 050 03	S-	1004.7 E	06 -37
15 030 01	BS	1002.4 W	30 -25 -25 -33 8
16 UNL 00	1/4BS	1001.8 W	35 -20 -21 -29 1
17 035 04	IC	1007.1 SE	05 -14 -14 -21 10
18 UNL 15		1015.3 C	00 -25 -25 -35 0
19 UNL 15		1005.3 W	14 -34 -34 -48 0
20 035 15		1007.3 W	05 -31 -31 -40 10
21 UNL 15		1014.0 WNW	08 -42
22 015 03	S-	1012.0 C	00 -34 -34 -44 10
23 UNL 15		998.0 NW	04 -36
24 UNL 15		1001.1 C	00 -27 -27 -38 0
25 UNL 15		1004.9 W	20 -20 -21 -30 2
26 UNL 15		1012.4 W	12 -31 -31 -47 0
27 UNL 15		1015.2 C	00 -41
28 UNL 15		1013.7 C	00 -40

AVG 1010.2 07 -29 04

ALERT NMT
FEBRUARY 1961 0400 EST

01 015 03	S-	1012.8 C	00 -20 -20 -29 10
02 030 05	S-	1010.4 W	10 -09 -08 -16 10
03 100 01	1/2BS	1006.5 W	30 -02 -03 -10 10
04 040 15		1005.4 C	00 -12 -13 -21 10
05 UNL 15		1008.6 C	00 -21 -22 -32 2
06 UNL 15		1006.6 C	00 -27 -28 -41 0
07 UNL 15		1014.8 W	04 -35 -35 -49 2
08 030 04	S-	1014.2 NE	04 -26 -27 -36 10
09 UNL 15		1017.5 C	00 -31 -32 -43 0
10 UNL 15		1017.5 C	00 -37
11 UNL 15		1021.7 C	00 -44
12 UNL 15		1021.1 C	00 -45
13 070 03	IC	1015.8 C	00 -44
14 030 03	S-	1005.2 WNW	03 -34 -34 -44 10
15 UNL 07		1003.4 W	30 -26 -26 -36 2
16 UNL 05	BS	1002.7 W	22 -21 -22 -30 1
17 UNL 05	IC	1008.5 C	00 -15 -16 -24 2
18 UNL 15		1014.9 W	05 -23 -26 -35 0
19 UNL 15		1008.9 W	06 -33 -33 -46 0
20 UNL 15		1008.9 E	05 -29 -30 -40 4
21 UNL 15		1014.5 C	00 -40
22 015 05	S-	1010.9 NE	04 -32 -33 -41 10
23 UNL 15		997.8 C	00 -37
24 UNL 15		1002.3 N	10 -31 -31 -43 0
25 UNL 15		1004.0 SW	30 -23 -24 -33 0
26 UNL 15		1013.0 C	00 -39 -39 -49 0
27 UNL 15		1015.9 C	00 -42
28 UNL 15		1015.5 W	04 -41

AVG 1010.4 06 -29 04

Date	Calling (100% R)	Validity (Local)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Down-Pole (°F)	Sky Cover (Inch)
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ALERT NMT
FEBRUARY 1961 0700 EST

01 015 04	S-	1012.4 C	00 -18 -18 -26 10
02 030 08		1010.8 NW	05 -06 -07 -14 10
03 030 01	BS	1005.4 W	28 -02 -02 -10 10
04 040 08		1006.3 C	00 -12 -12 -20 10
05 UNL 15		1008.7 C	00 -22 -23 -33 2
06 UNL 15		1007.0 C	00 -32 -32 -43 0
07 UNL 10		1012.4 E	03 -32 -36 -49 2
08 030 03	IC	1017.6 C	00 -28 -28 -36 10
09 UNL 15		1016.5 C	00 -32 -33 -45 0
10 UNL 15		1013.3 E	05 -42
11 UNL 15		1022.9 W	04 -44
12 UNL 15		1020.4 C	00 -44
13 UNL 03	IF	1015.3 NE	05 -40
14 030 03	S-	1004.0 SW	05 -29 -29 -37 10
15 UNL 01	BS	1003.3 W	35 -26 -26 -36 2
16 030 05	BS	1002.4 W	26 -20 -20 -29 6
17 025 02	S-	1010.1 C	00 -16 -16 -24 10
18 UNL 15		1014.2 C	00 -28 -28 -39 1
19 UNL 15		1008.1 NE	05 -35 -35 -49 1
20 UNL 15		1008.9 E	05 -34 -34 -48 2
21 UNL 15		1015.2 C	00 -40
22 015 03	S-	1009.7 W	04 -32 -32 -41 10
23 UNL 15		997.3 W	10 -37
24 UNL 15		1003.9 W	10 -27 -27 -41 0
25 UNL 15		1006.4 W	25 -25 -25 -38 0
26 UNL 15		1013.3 W	10 -33 -33 -46 0
27 UNL 15		1014.2 C	00 -40
28 UNL 15		1013.3 W	05 -42

AVG 1010.5 07 -29 04

ALERT NMT
FEBRUARY 1961 1000 EST

01 030 10	S-	1010.2 ENE	07 -18 -18 -26 10
02 004 00	1/2BS	1009.5 W	33 -05 -05 -10 10
03 040 02	BS	1004.9 WNW	20 00 -00 -06 10
04 040 04	IC	1007.3 NE	04 -12 -12 -18 10
05 UNL 15		1007.9 WNW	05 -23 -23 -32 3
06 035 10		1009.0 C	00 -31 -31 -42 10
07 035 01	BS	1009.3 W	30 -35 -35 -49 7
08 030 03	IC	1018.0 SE	07 -28 -28 -34 10
09 060 15		1014.9 SW	05 -25 -26 -38 7
10 UNL 15		1014.4 W	00 -43
11 UNL 15		1023.4 W	02 -44
12 UNL 15		1019.6 C	00 -42
13 UNL 04	IF	1015.0 C	00 -47
14 030 03	S-	1002.9 W	03 -27 -27 -33 10
15 UNL 01	BS	1003.3 W	30 -26 -26 -36 2
16 030 05	BS	1003.0 W	21 -20 -21 -29 8
17 035 08	S-	1011.9 C	00 -18 -19 -29 10
18 UNL 15		1013.4 C	00 -29 -30 -44 0
19 UNL 15		1007.6 W	07 -38
20 UNL 15		1008.9 E	03 -39 -39 -45 0
21 UNL 15		1014.7 C	00 -41
22 060 15		1008.2 C	00 -33 -34 -46 9
23 090 15		998.1 E	07 -38
24 UNL 00	1/2BS	1006.5 W	30 -21 -21 -32 4
25 UNL 15		1008.0 W	20 -26 -26 -39 0
26 UNL 15		1012.9 C	00 -38
27 UNL 15		1015.3 C	00 -47
28 UNL 15		1012.9 W	07 -43

AVG 1010.3 09 -29 05

Date	Calling (100% R)	Validity (Local)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Down-Pole (°F)	Sky Cover (Inch)
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ALERT NMT
FEBRUARY 1961 1300 EST

01 030 15		1010.6 C	00 -18 -18 -28 10
02 025 15		1011.8 N	05 -08 -08 -15 10
03 040 15		1005.4 E	04 -11 -11 -19 10
04 040 10		1007.3 NE	02 -14 -14 -20 10
05 UNL 15	IC	1006.5 C	00 -26 -27 -36 1
06 035 04	IC	1011.0 NE	06 -30 -30 -42 10
07 035 03	IC	1010.8 WNW	17 -29 -29 -37 10
08 030 03	IC	1019.0 E	09 -29 -29 -37 10
09 UNL 15		1013.9 C	00 -35 -35 -49 3
10 UNL 15		1015.0 C	00 -43
11 UNL 15		1024.0 C	00 -49
12 UNL 15		1018.4 S	04 -45
13 UNL 15		1013.4 C	00 -50
14 030 03	S-	1001.3 WSW	14 -26 -26 -32 10
15 UNL 00	1/4BS	1002.3 W	40 -24 -24 -34 1
16 035 06	BS	1005.0 W	21 -19 -19 -27 10
17 040 08	S-	1019.2 C	00 -19 -19 -27 10
18 UNL 15		1012.3 W	07 -37
19 030 02	F	1007.1 NW	03 -3
20 UNL 15		1009.9 C	00 -37
21 UNL 15		1014.4 C	00 -37
22 UNL 15		1006.0 W	08 -38
23 090 15		997.8 ESE	13 -27 -27 -38 10
24 UNL 00	3/8BS	1005.4 W	37 -20 -20 -32 4
25 UNL 15		1009.5 W	29 -27 -28 -41 0
26 UNL 15		1012.4 C	00 -41
27 UNL 15		1013.2 W	05 -41
28 UNL 15		1012.5 WNW	06 -39

AVG 1010.3 08 -30 05

ALERT NMT
FEBRUARY 1961 1600 EST

01 030 12	S-	1011.0 C	00 -18 -19 -26 10
02 UNL 15		1011.8 W	20 -07 -07 -13 2
03 040 15		1005.4 E	08 -12 -13 -21 10
04 040 10	IC	1007.7 NE	04 -14 -14 -20 10
05 UNL 02	BS	1004.5 W	30 -22 -23 -33 0
06 035 05	IC	1013.6 NE	08 -31 -32 -43 10
07 035 03	IC	1012.6 E	05 -29 -29 -40 10
08 030 05	IC	1019.6 C	00 -28 -28 -36 10
09 UNL 15		1019.2 C	00 -32 -32 -45 2
10 UNL 15		1016.6 W	03 -41
11 UNL 01	F	1024.2 W	09 -48
12 UNL 02	F	1017.9 C	00 -43
13 UNL 15		1012.0 C	00 -47
14 030 01	1/25-BS	1000.6 WSW	27 -24 -25 -34 10
15 UNL 00	1/4BS	1001.6 WSW	45 -20 -20 -29 1
16 040 12		1003.5 W	18 -16 -17 -24 10
17 040 08	S-	1014.5 C	00 -20 -20 -29 10
18 UNL 15		1011.1 W	07 -32 -33 -45 0
19 040 02	F	1007.2 C	00 -36
20 UNL 15		1011.4 C	00 -38
21 UNL 15		1014.0 C	00 -36
22 UNL 15		1004.1 WNW	03 -36 -26 -39 8
23 080 15		998.5 E	06 -26 -26 -39 8
24 UNL 00	3/8BS	1006.5 W	33 -20 -21 -32 2
25 UNL 15		1011.0 W	17 -29 -29 -44 0
26 UNL 15		1013.1 C	00 -37
27 UNL 15		1013.3 C	00 -37
28 UNL 15		1012.7 W	11 -41

AVG 1010.4 09 -29 04

Date	Calling (100% R)	Validity (Local)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Down-Pole (°F)	Sky Cover (Inch)
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ALERT NMT
FEBRUARY 1961 1900 EST

01 030 15		1010.1 C	00 -13 -13 -20 10
02 UNL 15		1012.0 WNW	17 -11 -11 -20 1
03 040 15		1004.3 N	06 -12 -13 -21 10
04 040 05	S-	1008.0 NW	06 -15 -15 -20 10
05 UNL 01	BS	1003.1 W	35 -18 -19 -28 6
06 035 04	IC	1014.9 ENE	09 -33 -33 -42 10
07 030 12		1012.9 E	08 -29 -29 -34 10
08 035 10		1019.6 C	00 -30 -30 -39 10
09 UNL 15		1012.6 W	06 -34 -34 -48 0
10 UNL 15		1017.7 W	04 -41
11 UNL 15		1024.1 C	00 -43
12 UNL 06	S-	1017.1 N	05 -38
13 055 00	S-	1009.2 C	00 -43
14 025 01	1/2BS	1000.7 W	26 -23 -23 -32 10
15 UNL 00	1/4BS	1001.7 W	41 -19 -20 -27 10
16 040 04	BS	1003.8 W	25 -13 -13 -20 10
17 UNL 08	IC	1015.4 E	07 -21 -21 -28 3
18 UNL 15		1011.0 W	06 -35 -35 -49 0
19 040 01	1/2F	1007.0 ESE	03 -34 -34 -40 10
20 UNL 15		1012.6 W	03 -41
21 UNL 15		1013.8 C	00 -37
22 UNL 15		1002.4 NE	04 -35 -35 -45 1
23 UNL 15		998.3 W	11 -24 -24 -39 1
24 UNL 15		1006.6 N	06 -26 -27 -39 0
25 UNL 15		1012.5 W	13 -28 -29 -42 0
26 UNL 15		1012.8 W	07 -39
27 UNL 15		1013.6 W	06 -42
28 UNL 15		1012.5 W	07 -38

AVG 1010.4 09 -29 05

ALERT NMT
FEBRUARY 1961 2200 EST

01 003 00	1/2BS	1007.9 W	35 -06 -06 -14 10
02 UNL 15		1011.0 WNW	15 -11 -12 -20 2
03 030 15		1005.9 C	00 -14 -14 -23 10
04 040 04	S-	1008.6 WNW	03 -16 -16 -24 6
05 UNL 15		1004.9 S	04 -27 -27 -38 0
06 040 04	IC	1013.2 NE	09 -33 -33 -46 10
07 030 05	S-	1013.6 NE	10 -24 -24 -32 10
08 UNL 15		1019.3 W	03 -34 -34 -44 2
09 UNL 15		1012.2 C	00 -30 -30 -42 0
10 UNL 15		1019.3 C	00 -38
11 UNL 15		1023.3 C	00 -47
12 070 03	IC	1016.4 C	00 -38
1			

SYNOPTIC OBSERVATIONS

ALERT

Table with 10 columns: 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 (tenths).

Table with 10 columns: 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 (tenths).

Table with 10 columns: 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 (tenths).

Table with 10 columns: 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 (tenths).

ALERT NMT MARCH 1961 0100 EST

Table of synoptic observations for Alert NMT March 1961 0100 EST, listing date, calling, visibility, weather, pressure, wind, and temperature data.

AVG 1024.9 03 -33 04

ALERT NMT MARCH 1961 0700 EST

Table of synoptic observations for Alert NMT March 1961 0700 EST, listing date, calling, visibility, weather, pressure, wind, and temperature data.

AVG 1025.4 04 -33 06

ALERT NMT MARCH 1961 1300 EST

Table of synoptic observations for Alert NMT March 1961 1300 EST, listing date, calling, visibility, weather, pressure, wind, and temperature data.

AVG 1025.5 03 -32 05

ALERT NMT MARCH 1961 1900 EST

Table of synoptic observations for Alert NMT March 1961 1900 EST, listing date, calling, visibility, weather, pressure, wind, and temperature data.

AVG 1025.7 03 -34 04

ALERT NMT MARCH 1961 0400 EST

Table of synoptic observations for Alert NMT March 1961 0400 EST, listing date, calling, visibility, weather, pressure, wind, and temperature data.

AVG 1025.2 04 -33 04

ALERT NMT MARCH 1961 1000 EST

Table of synoptic observations for Alert NMT March 1961 1000 EST, listing date, calling, visibility, weather, pressure, wind, and temperature data.

AVG 1025.5 03 -32 05

ALERT NMT MARCH 1961 1600 EST

Table of synoptic observations for Alert NMT March 1961 1600 EST, listing date, calling, visibility, weather, pressure, wind, and temperature data.

AVG 1025.7 03 -33 05

ALERT NMT MARCH 1961 2200 EST

Table of synoptic observations for Alert NMT March 1961 2200 EST, listing date, calling, visibility, weather, pressure, wind, and temperature data.

AVG 1025.7 03 -33 04

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 (percent)
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ALERT NWT
APRIL 1961 0100 EST

01 110 15	1039.2	NE	02	-30	-31	-42	9			
02 030 15	1039.6	C	00	-34	-35	-48	7			
03 UNL 15	1020.8	C	00	-35	-35	-49	0			
04 UNL 15	1016.7	C	00	-35	-35	-49	0			
05 UNL 15	1018.0	W	03	-33	-33	-46	0			
06 UNL 15	1033.1	C	00	-25	-25	-38	1			
07 UNL 15	1034.5	MW	05	-32	-32	-45	0			
08 UNL 15	1027.0	C	00	-30	-30	-45	0			
09 UNL 15	1024.2	W	04	-29	-29	-48	1			
10 110 04	1030.3	C	00	-30	-30	-45	9			
11 UNL 15	1036.6	C	00	-27	-27	-44	0			
12 UNL 15	1031.2	C	00	-20	-21	-37	1			
13 UNL 15	1024.6	C	00	-22	-23	-38	0			
14 055 06	1029.4	MW	02	-07	-08	-22	10			
15 110 08	1031.8	NE	03	-07	-08	-22	6			
16 UNL 15	1025.6	C	00	-12	-13	-29	0			
17 UNL 15	1032.1	NE	07	-20	-20	-35	5			
18 UNL 15	1024.4	C	00	-16	-17	-28	1			
19 UNL 15	1027.8	SW	08	-05	-06	-21	0			
20 220 15	1014.4	C	00	02	00	-11	8			
21 UNL 15	1025.6	C	00	-04	-05	-18	0			
22 110 15	1030.3	N	05	-11	-12	-23	8			
23 UNL 15	1027.9	C	00	-18	-18	-32	0			
24 UNL 15	1014.0	C	00	-16	-16	-30	0			
25 UNL 15	1027.9	SW	06	-11	-12	-28	4			
26 055 08	1026.0	C	00	01	00	-10	9			
27 UNL 15	1027.8	C	00	-05	-06	-19	0			
28 035 10	1016.5	NW	05	12	10	04	10			
29 020 10	1024.2	MW	06	01	00	-09	10			
30 012 07	1022.5	C	00	01	01	-08	10			

AVG 1026.8 02 -16 -17 -30 04

ALERT NWT
APRIL 1961 0400 EST

01 040 05	1039.0	W	06	-28	-28	-39	10			
02 UNL 15	1032.8	NE	04	-34	-34	-47	0			
03 UNL 15	1019.2	C	00	-28	-28	-39	2			
04 UNL 15	1016.5	C	00	-34	-34	-48	1			
05 UNL 15	1020.3	C	00	-30	-30	-42	0			
06 UNL 15	1034.2	C	00	-29	-29	-44	3			
07 UNL 15	1033.9	MW	03	-29	-29	-48	0			
08 UNL 15	1027.1	C	00	-30	-31	-45	0			
09 UNL 15	1023.9	W	06	-35	-35	-49	1			
10 UNL 15	1035.1	SW	05	-32	-33	-49	3			
11 UNL 15	1036.2	C	00	-20	-21	-37	0			
12 UNL 15	1030.0	C	00	-18	-18	-34	2			
13 UNL 15	1024.4	C	00	-22	-22	-38	1			
14 035 05	1030.2	E	06	-07	-08	-28	10			
15 UNL 15	1031.3	C	00	-11	-12	-27	2			
16 050 15	1027.0	SW	04	-11	-12	-26	7			
17 UNL 15	1031.0	C	00	-18	-18	-34	0			
18 UNL 15	1022.8	W	16	00	-01	-14	3			
19 UNL 25	1028.0	W	07	06	05	-08	2			
20 050 15	1030.9	NE	03	01	00	-13	6			
21 UNL 15	1025.5	C	00	01	-01	-13	0			
22 UNL 15	1031.0	C	00	-13	-13	-27	5			
23 UNL 15	1026.9	C	00	-17	-17	-30	0			
24 UNL 15	1012.3	MW	02	-17	-18	-32	1			
25 070 15	1018.3	W	07	05	03	-09	8			
26 032 04	1026.6	W	05	05	04	-08	10			
27 UNL 15	1026.7	W	04	02	01	-09	0			
28 005 00	1018.7	C	00	13	12	05	10			
29 025 08	1018.4	C	00	00	05	-05	10			
30 025 10	1022.6	C	00	-02	-03	-11	10			

AVG 1026.8 03 -14 -15 -28 04

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 (percent)
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ALERT NWT
APRIL 1961 0700 EST

01 040 05	1038.1	C	00	-26	-26	-39	10			
02 UNL 15	1031.0	C	00	-34	-35	-48	0			
03 UNL 15	1017.7	C	00	-33	-33	-46	2			
04 UNL 15	1016.1	C	00	-32	-32	-45	0			
05 UNL 15	1022.9	C	00	-29	-29	-38	1			
06 UNL 15	1035.1	C	00	-30	-30	-45	0			
07 UNL 15	1032.3	C	00	-27	-28	-41	0			
08 UNL 15	1027.4	C	00	-30	-30	-45	0			
09 UNL 15	1023.7	C	00	-31	-32	-47	5			
10 UNL 15	1034.3	C	00	-18	-18	-32	5			
11 UNL 15	1036.0	W	02	-23	-23	-40	0			
12 UNL 15	1028.9	C	00	-18	-19	-36	1			
13 UNL 15	1023.9	C	00	-14	-15	-31	2			
14 UNL 15	1030.6	WSW	07	-07	-08	-22	8			
15 UNL 15	1030.1	MW	05	-10	-11	-27	0			
16 UNL 10	1028.5	NNE	05	-14	-15	-29	5			
17 UNL 15	1029.0	C	00	-16	-17	-30	0			
18 025 03	1019.9	W	37	06	05	-08	10			
19 UNL 15	1027.1	W	32	12	10	-03	3			
20 UNL 15	1030.0	NE	05	08	06	-04	3			
21 UNL 15	1025.0	MW	06	-04	-05	-18	0			
22 UNL 15	1031.0	C	00	-15	-15	-29	1			
23 UNL 15	1025.7	C	00	-18	-18	-32	0			
24 075 15	1010.5	C	00	-15	-15	-27	9			
25 045 15	1028.0	SW	01	09	08	-06	6			
26 052 04	1027.4	C	00	08	06	-05	10			
27 150 15	1025.8	E	06	00	01	-15	9			
28 100 04	1021.9	NE	05	11	10	02	10			
29 025 04	1022.9	C	00	06	05	-03	10			
30 UNL 10	1022.2	C	00	-03	-04	-14	6			

AVG 1026.5 03 -13 -14 -27 04

ALERT NWT
APRIL 1961 1000 EST

01 040 12	1038.2	C	00	-28	-28	-39	7			
02 UNL 15	1029.8	C	00	-31	-32	-47	0			
03 UNL 15	1017.8	C	00	-30	-30	-45	0			
04 UNL 15	1015.9	C	00	-29	-30	-44	1			
05 UNL 15	1025.1	C	00	-21	-22	-39	4			
06 UNL 15	1035.4	NW	03	-26	-26	-46	0			
07 UNL 15	1030.9	C	00	-25	-26	-40	0			
08 UNL 15	1027.3	C	00	-25	-26	-40	6			
09 UNL 15	1023.7	C	00	-30	-30	-45	5			
10 100 12	1036.0	C	00	-20	-20	-32	9			
11 UNL 15	1035.4	C	00	-17	-18	-34	0			
12 UNL 15	1026.9	C	00	-17	-17	-34	0			
13 UNL 15	1024.0	N	05	-12	-13	-27	4			
14 140 15	1030.8	NW	04	-06	-07	-20	7			
15 UNL 15	1027.9	C	00	-09	-06	-21	0			
16 UNL 15	1029.5	NW	04	-12	-13	-27	4			
17 UNL 15	1026.6	NE	05	-16	-17	-35	3			
18 200 15	1019.3	W	45	08	07	-05	7			
19 140 15	1028.2	W	20	13	11	03	7			
20 UNL 15	1028.9	C	00	10	08	-04	0			
21 010 08	1024.9	C	00	-06	-06	-20	0			
22 UNL 15	1030.4	C	00	-15	-16	-29	1			
23 UNL 15	1024.1	C	00	-18	-19	-34	0			
24 050 15	1012.2	MW	00	-09	-10	-20	12			
25 UNL 15	1021.1	W	05	06	04	-05	4			
26 040 05	1028.1	W	05	09	08	01	10			
27 130 15	1024.4	C	00	02	01	-13	10			
28 UNL 15	1024.9	SE	10	00	06	-03	3			
29 UNL 15	1022.7	C	00	07	05	-08	3			
30 100 15	1021.9	C	00	-01	-03	-13	10			

AVG 1026.3 03 -11 -12 -26 04

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 (percent)
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ALERT NWT
APRIL 1961 1300 EST

01 100 15	1036.5	C	00	-26	-26	-36	9			
02 UNL 15	1028.8	C	00	-33	-33	-46	0			
03 UNL 15	1016.3	C	00	-33	-33	-46	0			
04 UNL 15	1015.3	C	00	-24	-25	-39	2			
05 090 15	1026.9	C	00	-21	-22	-36	8			
06 UNL 15	1035.4	C	00	-22	-23	-41	0			
07 UNL 15	1029.2	C	00	-26	-26	-42	0			
08 UNL 15	1027.0	C	00	-29	-30	-44	0			
09 UNL 15	1023.5	C	00	-26	-26	-42	4			
10 100 12	1036.9	C	00	-19	-20	-31	8			
11 UNL 15	1034.8	C	00	-18	-18	-34	1			
12 UNL 15	1025.4	C	00	-17	-17	-34	0			
13 UNL 15	1024.4	NE	03	-14	-15	-31	7			
14 UNL 15	1031.3	NE	02	-03	-04	-18	7			
15 UNL 15	1025.6	C	00	-05	-06	-19	0			
16 140 15	1031.1	NW	08	-13	-14	-27	8			
17 UNL 15	1024.9	NE	05	-15	-16	-31	4			
18 UNL 15	1020.9	W	35	10	08	-02	3			
19 140 15	1029.9	C								

SYNOPTIC OBSERVATIONS

ALERT

Date	Calling (100's 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 (hectads)
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ALERT NWT
MAY 1961 0100 EST

01 UNL 15	1021.8	NNW	05	-11	-12	-27	0			
02 UNL 12	1020.2	W	00	-09	-10	-22	7			
03 UNL 15	1019.6	W	05	-13	-14	-29	2			
04 UNL 15	1019.9	W	05	-13	-11	-29	3			
05 010 10	1022.4	W	00	-14	-15	-26	9			
06 UNL 10	1025.2	NNW	05	-11	-12	-23	2			
07 UNL 15	1021.9	C	00	-09	-10	-24	0			
08 UNL 15	1017.7	C	00	-06	-07	-21	0			
09 UNL 15	1022.7	C	00	-03	-04	-18	4			
10 015 08	1029.5	NW	07	00	-01	-17	10			
11 UNL 15	1027.8	W	06	-07	-09	-21	0			
12 010 05	1014.8	W	05	07	05	-06	9			
13 008 04	1020.5	NNW	06	05	03	-08	10			
14 025 10	1013.9	NE	05	07	05	-06	10			
15 UNL 15	1016.8	W	08	-01	-02	-12	7			
16 UNL 15	1020.5	NW	04	00	-02	-16	4			
17 UNL 15	1023.2	C	00	03	01	-13	1			
18 UNL 15	1021.2	C	00	02	00	-15	0			
19 UNL 15	1016.0	C	00	01	-01	-17	0			
20 020 04	1020.0	C	00	02	00	-11	10			
21 UNL 15	1023.2	C	00	-01	-02	-16	7			
22 UNL 15	1023.6	NW	00	02	00	-14	6			
23 030 01	1022.5	NW	03	12	10	01	10			
24 UNL 15	1032.4	SW	10	07	05	-08	0			
25 UNL 15	1020.0	C	00	14	12	02	7			
26 015 04	1018.8	NW	05	11	09	-01	9			
27 UNL 15	1017.0	W	03	06	04	-11	1			
28 010 04	1018.8	NNW	18	12	10	01	10			
29 UNL 15	1013.3	C	23	15	13	02	0			
30 UNL 15	1006.0	C	00	17	14	02	0			
31 UNL 15	1010.1	C	00	17	14	02	0			
AVG	1019.8		04	01	00	-13	04			

ALERT NWT
MAY 1961 0400 EST

01 UNL 15	1021.7	NNW	03	-10	-10	-21	0			
02 UNL 15	1019.9	W	08	-14	-15	-31	7			
03 UNL 15	1019.7	W	08	-10	-11	-24	2			
04 UNL 15	1020.0	C	00	-12	-13	-26	0			
05 UNL 15	1022.9	C	00	-13	-14	-29	2			
06 UNL 15	1025.5	NNW	04	-14	-15	-26	1			
07 UNL 15	1021.3	C	00	-11	-12	-27	0			
08 UNL 15	1018.5	C	00	-01	-02	-14	2			
09 UNL 15	1023.3	C	00	01	00	-13	4			
10 015 08	1030.2	W	05	01	00	-10	10			
11 UNL 15	1026.1	C	00	-01	-03	-19	0			
12 010 04	1014.8	W	03	08	04	-06	10			
13 008 03	1020.6	NW	09	06	04	-08	10			
14 040 10	1012.7	C	00	08	06	-05	9			
15 UNL 15	1017.5	W	03	-01	-02	-15	3			
16 140 15	1020.8	C	00	05	03	-08	9			
17 UNL 15	1023.0	C	00	01	-01	-16	0			
18 UNL 15	1020.6	C	00	02	00	-15	0			
19 UNL 15	1016.2	W	04	-02	-03	-18	4			
20 020 06	1021.0	W	04	01	00	-12	10			
21 025 15	1022.7	W	07	00	-01	-15	10			
22 UNL 02	1023.5	C	00	02	01	-08	3			
23 025 01	1023.9	W	12	13	12	04	10			
24 UNL 15	1031.2	SW	14	07	05	-09	0			
25 UNL 15	1019.0	W	08	11	09	-03	5			
26 040 08	1013.9	NNW	10	12	10	01	9			
27 020 10	1016.5	NW	08	09	08	-03	9			
28 010 04	1015.1	NNW	12	12	10	00	10			
29 UNL 15	1012.4	W	25	15	13	02	0			
30 UNL 15	1006.5	C	00	18	16	05	0			
31 UNL 15	1010.7	W	06	18	15	04	0			
AVG	1019.7		05	02	01	-12	05			

Date	Calling (100's 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 (hectads)
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ALERT NWT
MAY 1961 0700 EST

01 UNL 15	1021.4	C	00	-07	-08	-23	0			
02 015 03	1019.5	C	04	-10	-10	-23	0			
03 100 15	1020.0	NNW	03	-06	-07	-17	8			
04 UNL 15	1020.7	NW	00	-08	-09	-25	0			
05 UNL 15	1023.5	NNW	03	-08	-09	-24	0			
06 UNL 10	1025.6	NW	04	-11	-12	-21	3			
07 UNL 15	1020.7	C	00	-14	-15	-29	0			
08 UNL 15	1019.3	C	00	-02	-03	-15	0			
09 120 15	1025.6	C	00	04	03	-08	8			
10 015 08	1030.8	NNW	03	01	00	-10	10			
11 UNL 15	1025.0	C	00	01	00	-13	0			
12 008 02	1015.3	W	04	11	10	-01	10			
13 008 03	1020.4	NW	10	07	05	-05	10			
14 050 12	1032.2	C	00	09	07	-06	9			
15 UNL 15	1017.7	W	04	02	00	-14	4			
16 140 15	1021.2	C	00	05	03	-09	9			
17 120 15	1022.9	W	04	01	-01	-14	8			
18 UNL 15	1019.6	C	00	05	03	-12	0			
19 090 15	1016.4	C	00	03	01	-14	7			
20 UNL 15	1022.8	C	00	01	00	-12	3			
21 025 10	1022.7	NW	06	01	00	-14	10			
22 020 15	1024.0	C	00	-11	-12	-26	0			
23 025 04	1025.8	NW	20	14	12	02	9			
24 UNL 15	1029.2	W	20	12	10	-03	0			
25 100 15	1018.9	NW	09	13	11	-01	8			
26 040 08	1013.9	W	03	14	12	02	10			
27 020 08	1015.5	NW	12	11	10	01	10			
28 010 04	1017.4	W	07	14	12	04	0			
29 UNL 15	1011.7	W	22	18	16	07	0			
30 UNL 15	1007.0	C	00	19	16	06	0			
31 UNL 15	1011.2	W	04	19	15	03	1			
AVG	1019.7		05	04	02	-10	05			

ALERT NWT
MAY 1961 1000 EST

01 030 10	1020.9	C	00	-06	-07	-18	10			
02 022 03	1019.7	C	00	-09	-10	-22	10			
03 030 15	1020.0	C	00	-03	-04	-17	9			
04 UNL 15	1020.2	C	00	-09	-10	-24	0			
05 UNL 15	1022.9	C	00	-11	-12	-26	0			
06 UNL 15	1025.6	NW	00	-02	-03	-16	0			
07 UNL 15	1020.1	C	00	-10	-11	-27	0			
08 UNL 15	1020.2	C	00	00	-01	-15	0			
09 UNL 15	1024.4	C	00	06	04	-10	3			
10 015 02	1031.0	N	03	02	00	-10	10			
11 UNL 15	1018.1	C	00	01	-01	-14	0			
12 012 01	1015.5	N	19	13	11	02	10			
13 009 03	1020.1	W	07	06	04	-07	10			
14 UNL 15	1011.8	SE	06	09	07	-05	2			
15 UNL 15	1017.6	C	00	02	01	-12	2			
16 140 15	1022.7	ENE	03	06	04	-10	10			
17 110 15	1022.6	C	00	05	03	-10	9			
18 UNL 15	1018.4	C	00	03	02	-14	0			
19 060 15	1016.5	E	05	03	01	-12	9			
20 085 15	1023.7	E	07	05	03	-12	6			
21 030 10	1023.2	W	05	02	00	-14	10			
22 025 15	1023.1	E	03	04	03	-09	10			
23 030 10	1028.6	NW	18	13	11	02	10			
24 UNL 15	1027.2	W	21	15	12	00	0			
25 100 15	1019.7	C	00	14	11	00	9			
26 030 02	1015.1	W	02	15	13	03	10			
27 020 07	1014.7	NNE	08	12	10	00	10			
28 015 05	1014.8	NW	05	15	13	06	10			
29 UNL 15	1010.0	W	35	18	16	07	0			
30 UNL 15	1007.6	C	00	17	14	04	0			
31 UNL 15	1011.5	W	04	25	22	13	1			
AVG	1019.7		05	05	03	-09	06			

Date	Calling (100's 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 (hectads)
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ALERT NWT
MAY 1961 1300 EST

01 030 07	1020.8	NNW	05	-07	-08	-21	8			
02 025 04	1019.8	C	00	-04	-05	-17	8			
03 UNL 15	1019.9	C	00	-02	-03	-17	1			
04 UNL 15	1020.4	C	00	-06	-07	-20	0			
05 UNL 15	1024.3	C	00	-09	-10	-24	0			
06 UNL 15	1024.7	C	00	-06	-07	-20	0			
07 UNL 15	1018.5	C	00	-10	-11	-25	0			
08 UNL 15	1020.5	C	00	00	-01	-15	0			
09 UNL 15	1025.0	C	00	07	05	-07	2			
10 015 06	1030.8	N	04	02	00	-12	10			
11 UNL 15	1019.8	C	00	04	02	-12	1			
12 012 03	1017.4	N	11	08	07	-05	9			
13 008 02	1019.2	C	00</							

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
JUNE 1961 0100 EST

01 UNL 15		1012.6 W	04	16	14	02	1
02 140 15		1010.7 SW	26	23	20	09	7
03 025 15		1007.1 E	05	18	15	03	7
04 025 15	S-	1013.4 C	00	23	20	11	9
05 015 04	S-	1016.1 SE	06	28	15	06	10
06 040 10	S-	1008.4 NW	04	20	17	07	10
07 025 10	S-	1015.8 NE	11	16	13	02	10
08 020 10	S-	1021.4 N	09	16	14	07	10
09 014 10	S-	1020.0 N	21	19	18	11	10
10 005 01 1/AF		1022.9 C	00	15	14	08	10
11 UNL 15		1020.2 C	04	23	23	16	1
12 055 15		1019.7 C	00	31	27	20	9
13 040 15		1015.4 NW	11	34	32	29	10
14 002 00 1/85-F		1013.0 N	05	32	31	31	20
15 025 15		1010.5 W	03	30	30	29	10
16 010 05	S-	1006.8 N	11	30	29	29	10
17 010 03	F	1007.3 W	04	25	25	24	10
18 050 15	S-	1005.3 SE	07	35	31	30	10
19 004 02	S-	1001.6 ENE	03	32	31	30	10
20 010 08	S-	1000.5 W	02	32	31	28	10
21 020 01 1/45-F		999.8 N	02	32	30	26	10
22 015 05	S-F	1001.8 C	00	33	32	31	10
23 012 01 3/45-F		1007.1 NNW	13	33	31	30	10
24 010 15	S-	1016.5 NNW	10	33	32	30	10
25 015 10	S-	1017.7 NE	09	30	29	27	10
26 UNL 15		1015.8 NNW	08	30	28	25	4
27 022 00 1/4F		1023.2 NNE	06	26	26	25	10
28 UNL 15		1008.2 NW	04	29	27	22	0
29 UNL 15		1009.7 C	00	35	31	27	4
30 UNL 15		1006.8 C	00	32	30	26	0

AVG 1011.4 06 27 25 20 08

ALERT NMT
JUNE 1961 0400 EST

01 UNL 15		1013.2 C	00	20	17	08	1
02 140 15		1009.4 SW	29	23	19	09	7
03 025 10	S-	1007.7 C	00	19	16	07	9
04 UNL 15		1014.5 S	07	22	19	10	4
05 015 10		1013.6 SSE	11	17	14	04	8
06 035 15		1008.2 W	08	23	20	11	10
07 030 07	S-	1017.6 N	03	16	14	05	10
08 018 01 1/45-		1021.7 NNW	11	17	16	08	10
09 010 10		1020.9 N	17	19	18	11	10
10 005 00 3/8F		1023.0 C	00	14	13	09	10
11 UNL 15		1020.3 C	00	28	19	2	2
12 050 15		1018.1 SW	25	30	26	20	10
13 040 02	S-	1016.4 SE	05	33	33	32	10
14 010 02	S-	1012.8 NE	05	33	33	32	10
15 025 01 1/2F		1010.0 N	02	30	30	29	10
16 005 02	S-	1007.8 N	14	30	30	29	10
17 UNL 15		1005.8 ESE	06	29	27	25	9
18 030 15		1006.3 N	06	34	32	29	10
19 010 10		1000.8 SE	09	32	30	27	10
20 020 15		1000.3 C	00	32	30	26	10
21 020 01 1/45-		999.7 C	00	32	30	26	10
22 015 05	S-F	1002.4 SW	04	33	32	32	10
23 010 00 1/25-85		1008.4 NNW	35	33	31	30	10
24 019 05	S-	1015.6 NNW	13	31	29	27	10
25 015 10		1016.8 NE	07	30	29	27	10
26 025 15		1015.8 N	07	30	28	25	9
27 006 04	S-	1012.7 C	00	26	26	24	10
28 UNL 15		1008.1 C	00	29	27	22	1
29 UNL 15		1010.2 ENE	04	33	31	27	0
30 UNL 15		1006.4 E	05	32	31	28	0

AVG 1011.6 08 27 25 21 08

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
JUNE 1961 0700 EST

01 UNL 15		1013.6 C	00	23	20	09	0
02 150 15		1008.0 SW	32	24	21	12	6
03 022 05	S-	1008.1 E	03	19	17	07	9
04 022 15	S-	1015.0 S	04	23	20	11	7
05 025 10		1014.0 S	19	20	17	07	10
06 012 01 1/25-		1009.4 N	09	20	17	09	10
07 UNL 15		1019.0 N	03	15	13	04	2
08 018 03	S-	1021.0 NNW	16	17	15	07	10
09 013 08		1021.6 N	12	16	15	07	10
10 UNL 01	F	1022.8 E	09	18	16	11	3
11 UNL 15		1020.5 C	00	31	27	16	2
12 055 15		1019.2 N	12	32	30	26	9
13 030 05	S-	1016.0 E	12	39	33	31	10
14 009 00 1/45-F		1012.7 ENE	04	33	32	32	10
15 025 00 1/25-F		1009.4 N	04	29	28	28	10
16 005 01 1/25-		1008.1 N	14	29	28	27	10
17 UNL 15		1004.3 C	00	31	30	29	2
18 025 15	S-	1006.8 C	00	36	35	32	9
19 010 02	S-	999.6 E	11	32	31	29	10
20 015 10		999.8 C	00	34	32	29	10
21 012 01	S-F	998.8 ESE	05	32	31	29	10
22 040 15		1002.4 C	00	35	33	31	10
23 013 02		1010.1 NW	25	32	31	27	10
24 02 10		1015.9 NW	10	32	29	26	10
25 015 10		1016.5 N	29	28	27	10	10
26 020 15		1015.6 N	06	29	28	26	10
27 006 06	F	1012.4 NNW	05	26	26	23	10
28 070 15		1008.0 C	00	28	26	22	7
29 UNL 15		1010.1 C	00	34	31	27	0
30 UNL 15		1006.3 C	00	35	32	26	0

AVG 1011.5 08 28 26 21 08

ALERT NMT
JUNE 1961 1000 EST

01 UNL 15		1013.6 C	00	21	17	08	2
02 200 15		1005.1 W	24	27	23	15	7
03 UNL 15		1008.3 W	03	22	19	07	3
04 040 15		1014.9 SE	03	25	21	10	9
05 UNL 15		1011.9 W	28	22	19	07	4
06 010 01	S-	1010.3 C	00	23	20	13	10
07 UNL 15		1020.1 N	06	15	13	03	6
08 008 01	S-	1020.3 NNW	15	18	16	07	10
09 006 08		1021.6 N	15	17	15	07	10
10 UNL 15		1022.2 SE	08	19	17	10	4
11 UNL 15		1020.9 C	00	30	26	14	0
12 023 02	S-	1019.7 SE	05	33	31	29	10
13 015 02	S-	1015.8 SE	08	34	32	30	10
14 008 02	S-	1012.5 C	00	33	33	32	10
15 012 02	S-	1008.4 N	05	30	30	28	10
16 030 08		1008.1 N	18	27	27	26	10
17 UNL 15		1002.9 C	00	32	31	28	7
18 100 15		1005.7 E	12	33	32	31	9
19 008 02	S-	998.7 SE	08	32	32	31	10
20 035 10		999.8 C	00	35	34	34	10
21 012 03	S-	999.0 NNE	10	33	32	32	10
22 020 08		1002.7 C	00	35	35	34	10
23 015 03	S-	1011.9 NW	25	33	32	32	10
24 030 08		1015.9 NW	20	32	31	30	10
25 008 08		1016.0 N	15	29	28	28	10
26 015 08		1015.5 NE	05	30	29	29	10
27 040 10		1011.7 WSW	05	27	27	24	8
28 UNL 15		1007.1 SW	20	37	35	33	9
29 UNL 15		1010.2 WSW	04	36	34	32	0
30 150 15		1005.9 C	00	37	36	33	8

AVG 1011.3 09 29 27 23 08

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
JUNE 1961 1300 EST

01 UNL 15		1013.6 C	00	24	21	09	4
02 UNL 15		1005.2 W	24	28	24	14	2
03 120 15		1008.8 W	04	23	20	07	9
04 090 10		1015.1 S	12	25	22	12	10
05 015 10		1011.4 N	10	22	19	07	10
06 025 10	S-	1011.0 N	15	21	18	08	10
07 UNL 15		1020.7 N	10	17	15	05	7
08 008 01	S-	1019.7 NNW	16	19	16	08	10
09 006 08		1021.9 N	12	17	15	06	10
10 UNL 15		1021.7 NE	03	20	18	12	3
11 UNL 15		1020.9 C	00	34	27	14	1
12 025 04	S-	1019.3 NE	05	36	33	31	10
13 010 02	S-	1015.3 E	08	33	32	31	10
14 015 03	S-	1012.1 NNW	08	34	33	32	10
15 010 01 1/25-		1007.8 N	07	30	28	10	10
16 030 08		1008.1 NNW	12	30	30	29	10
17 050 15		1001.5 C	00	34	31	28	10
18 100 15		1004.0 W	10	34	33	31	10
19 008 01 1/25-		998.4 C	00	35	34	34	10
20 018 08		999.4 C	00	35	34	33	10
21 008 01	S-	999.4 N	05	33	33	32	10
22 002 00 1/2F		1003.9 NE	05	33	33	32	10
23 020 05	S-	1013.4 NW	25	33	32	32	10
24 030 08		1016.4 NW	10	33	32	32	10
25 010 10		1015.8 NW	10	33	32	32	10
26 020 10		1015.2 NNE	06	30	29	26	10
27 UNL 15		1010.7 C	00	31	30	26	4
28 UNL 15		1007.4 SW	25	37	34	31	4
29 UNL 15		1009.3 C	00	42	38	32	9
30 060 15		1006.0 ENE	05	42	38	32	9

AVG 1011.1 08 30 28 23 08

ALERT NMT
JUNE 1961 1600 EST

01 UNL 15		1013.5 C	00	21	17	05	9
02 080 15		1005.1 W	20	27	23	15	7
03 020 04	S-	1010.2 C	00	23	20	10	10
04 180 15		1015.1 C	00	29	25	16	7
05 UNL 08		1011.0 NE	05	20	17	06	4
06 020 10		1012.2 N	10	19	17	08	10

SYNOPTIC OBSERVATIONS

CLYDE

Date	Calling (100's 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 (hundreds)
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CLYDE NMT
JANUARY 1961 0100 EST

01 080 25	1013.0 C	00 -05 -05 -11	7
02 UNL 25	1018.0 ESE	02 -13 -13 -22	4
03 UNL 25	1028.1 E	02 -18 -18 -23	0
04 UNL 25	1026.5 C	00 -28 -28 -40	0
05 UNL 25	1025.9 C	00 -28 -28 -40	0
06 UNL 25	1021.0 E	02 -25 -25 -36	0
07 UNL 25	1017.8 C	00 -27 -27 -36	0
08 UNL 25	1018.2 ESE	03 -20 -20 -27	4
09 UNL 25	1018.6 ESE	02 -21 -21 -26	0
10 UNL 25	1020.6 C	00 -39 -39 -50	0
11 UNL 25	1010.5 SE	01 -42 -42 -50	0
12 UNL 25	1004.0 N	02 -39 -39 -50	0
13 UNL 25	1010.5 NNE	01 -40 -40 -50	0
14 UNL 25	1010.0 SE	01 -38 -38 -50	0
15 UNL 20	IC 1007.0 NW	04 -36 -36 -44	0
16 000 00	1/8S-BS 990.0 NW	32 -26 -27 -34	10
17 003 00	1/8S-BS 986.8 NW	32 -16 -16 -23	10
18 UNL 25	998.0 W	07 -26 -26 -34	0
19 UNL 25	1007.7 W	02 -26 -26 -34	2
20 UNL 25	1001.5 NW	20 -17 -17 -27	0
21 UNL 25	1006.0 SSE	02 -22 -22 -29	0
22 UNL 25	1016.1 C	00 -29 -29 -35	0
23 100 02	BS 1029.2 NW	27 -17 -17 -25	6
24 UNL 01	BS 1019.5 N	26 -09 -10 -16	2
25 UNL 25	1019.0 NW	11 -03 -04 -09	1
26 UNL 25	1007.9 N	06 -10 -10 -16	0
27 UNL 25	995.3 NW	03 -06 -05 -15	2
28 UNL 25	998.9 SE	02 -19 -20 -26	8
29 UNL 25	1013.8 E	01 -09 -10 -16	3
30 UNL 25	1013.3 E	06 -09 -10 -16	2
31 UNL 25	1012.9 NE	02 -09 -10 -23	0
AVG	1011.9	06 -22 -22 -30	02

CLYDE NMT
JANUARY 1961 0400 EST

01 090 25	1013.7 NE	08 -04 -05 -10	10
02 UNL 25	1019.8 E	02 -13 -13 -19	0
03 UNL 25	1029.2 C	00 -19 -19 -24	0
04 UNL 25	1027.0 C	00 -28 -28 -37	0
05 UNL 25	1026.3 C	00 -27 -28 -39	0
06 UNL 25	1020.6 E	01 -27 -27 -39	0
07 UNL 25	1018.3 E	01 -29 -29 -42	0
08 UNL 25	1017.9 NE	02 -19 -19 -24	4
09 UNL 25	1020.0 NW	06 -19 -19 -24	1
10 UNL 25	1019.9 ESE	06 -36 -36 -40	0
11 UNL 25	1008.8 SE	02 -43 -43 -50	0
12 UNL 25	1005.7 W	03 -40 -40 -50	0
13 UNL 25	1010.5 NNE	01 -41 -41 -50	0
14 UNL 25	1010.0 W	03 -39 -39 -50	0
15 UNL 15	IC 1004.6 NW	02 -32 -32 -38	0
16 000 00	S-BS 986.2 NW	38 -25 -25 -33	10
17 003 00	1/4S-BS 990.1 NW	30 -16 -16 -24	10
18 UNL 25	998.9 C	00 -32 -32 -46	0
19 UNL 25	1008.8 SW	08 -24 -24 -30	4
20 UNL 25	1002.4 NW	18 -14 -14 -22	5
21 UNL 25	1007.1 SSE	01 -26 -26 -41	0
22 UNL 25	1019.6 C	00 -31 -31 -37	0
23 080 02	BS 1028.6 N	26 -15 -15 -20	8
24 UNL 01	BS 1018.5 N	28 -09 -10 -16	2
25 UNL 25	1017.3 NW	14 -05 -05 -11	0
26 UNL 25	1005.3 NNE	04 -10 -10 -15	2
27 UNL 25	995.3 E	02 -07 -07 -14	4
28 UNL 25	1000.3 C	00 -18 -18 -23	0
29 UNL 25	1015.0 NNE	03 -09 -09 -16	2
30 UNL 25	1014.8 NW	03 -06 -07 -11	1
31 UNL 25	1014.0 E	04 -10 -10 -17	4
AVG	1012.1	07 -22 -22 -29	02

CLYDE NMT
JANUARY 1961 0700 EST

01 090 25	1014.1 C	00 -04 -04 -10	8
02 UNL 25	1020.6 NE	01 -16 -16 -24	0
03 UNL 25	1029.3 SE	02 -20 -20 -25	0
04 UNL 25	1026.8 SE	01 -29 -29 -38	0
05 UNL 25	1025.9 C	00 -27 -27 -42	1
06 UNL 25	1020.1 C	00 -28 -28 -44	0
07 UNL 25	1017.9 E	02 -26 -26 -32	0
08 120 15	S- 1017.9 ENE	01 -12 -12 -17	9
09 UNL 25	1020.1 WSW	01 -22 -22 -29	0
10 UNL 25	1019.3 C	00 -40 -40 -50	0
11 UNL 25	1007.4 ESE	02 -42 -42 -50	0
12 UNL 25	1007.1 C	00 -35 -35 -44	0
13 UNL 25	1011.2 C	00 -44 -44 -50	0
14 UNL 25	1010.0 C	00 -42 -42 -50	0
15 UNL 10	IC 1002.7 N	06 -30 -30 -36	0
16 000 00	S-BS 982.6 NW	40 -23 -23 -31	10
17 003 00	1/4S-BS 992.2 NW	32 -16 -16 -23	10
18 UNL 25	999.8 C	00 -33 -33 -43	0
19 UNL 25	1008.7 N	06 -21 -21 -28	0
20 UNL 25	1003.5 WNW	06 -15 -15 -21	4
21 UNL 25	1007.7 SSE	01 -25 -25 -39	0
22 UNL 25	1024.9 C	00 -30 -30 -39	0
23 010 01	S-BS 1027.8 NW	30 -12 -12 -17	10
24 UNL 00	3/4BS 1018.7 N	30 -08 -09 -13	2
25 UNL 25	1018.8 N	06 -07 -07 -13	0
26 UNL 25	1003.0 N	02 -07 -07 -13	0
27 UNL 25	995.8 SW	01 -15 -15 -21	7
28 UNL 25	1001.3 SSE	02 -20 -20 -25	0
29 UNL 25	1016.1 NW	04 -06 -06 -12	2
30 UNL 25	1013.8 ENE	06 -07 -07 -13	0
31 UNL 25	1014.4 NW	08 -09 -10 -17	4
AVG	1012.2	06 -22 -22 -30	02

CLYDE NMT
JANUARY 1961 1000 EST

01 070 25	1014.7 NNE	04 -03 -03 -08	10
02 UNL 25	1025.5 NE	04 -19 -20 -28	0
03 UNL 25	1029.3 SE	04 -21 -21 -31	1
04 UNL 25	1026.6 C	00 -29 -29 -35	0
05 UNL 25	1024.9 C	00 -26 -27 -37	4
06 UNL 25	1019.5 C	00 -30 -30 -39	1
07 UNL 25	1017.6 C	00 -26 -26 -37	5
08 120 15	S- 1017.6 E	02 -12 -12 -16	10
09 UNL 25	1020.6 C	00 -22 -22 -29	0
10 UNL 25	1018.5 ESE	04 -40 -40 -50	0
11 UNL 25	1005.4 C	00 -40 -40 -50	0
12 UNL 25	1007.8 C	00 -37 -37 -46	1
13 UNL 25	1011.0 C	00 -39 -39 -50	0
14 UNL 25	1009.8 C	00 -43 -43 -50	0
15 010 01	IC F 1001.5 N	10 -30 -30 -43	10
16 000 00	S-BS 980.9 N	34 -20 -20 -27	10
17 003 00	1/4BS 992.4 NE	26 -17 -17 -22	10
18 UNL 25	999.8 C	00 -33 -33 -46	2
19 UNL 25	1008.3 N	12 -21 -22 -36	6
20 UNL 15	1003.5 S	06 -22 -22 -27	4
21 UNL 25	1008.9 C	00 -24 -24 -34	1
22 UNL 25	1024.9 C	00 -30 -30 -39	0
23 010 01	S-BS 1026.4 N	28 -12 -12 -16	10
24 UNL 25	1019.0 N	12 -08 -08 -12	2
25 UNL 25	1017.9 N	08 -06 -07 -12	2
26 UNL 25	1001.0 C	00 -06 -06 -12	0
27 UNL 25	996.1 C	00 -06 -06 -12	2
28 UNL 25	1002.4 C	00 -20 -20 -31	2
29 UNL 25	1016.7 N	04 -06 -06 -11	2
30 UNL 25	1013.1 SSE	04 -08 -08 -15	2
31 UNL 25	1015.4 S	06 -10 -10 -17	4
AVG	1012.0	05 -22 -22 -30	03

CLYDE NMT
JANUARY 1961 1300 EST

01 070 25	1015.3 NE	04 -04 -04 -09	10
02 UNL 25	1023.3 NE	04 -16 -17 -32	0
03 UNL 25	1028.6 C	00 -24 -24 -43	1
04 UNL 25	1026.4 C	00 -28 -29 -49	0
05 UNL 25	1024.0 C	00 -25 -25 -36	6
06 UNL 25	1018.5 C	00 -29 -29 -38	0
07 UNL 25	1017.5 C	00 -26 -26 -32	7
08 120 15	S- 1017.6 C	00 -11 -11 -17	10
09 UNL 25	1020.3 C	00 -30 -30 -36	2
10 UNL 25	1018.7 C	00 -43 -43 -50	0
11 UNL 25	1003.3 C	00 -39 -39 -50	0
12 UNL 25	1008.4 C	00 -40 -40 -50	1
13 UNL 25	1010.5 C	00 -43 -43 -50	0
14 UNL 25	1009.4 C	00 -43 -43 -50	0
15 005 00	1/2IC F 999.8 N	10 -30 -30 -31	10
16 000 00	S-BS 978.5 NW	36 -18 -18 -31	10
17 003 00	1/4BS 992.9 N	22 -21 -21 -25	10
18 UNL 25	999.5 C	00 -35 -35 -46	2
19 UNL 25	1006.7 NW	04 -18 -19 -29	1
20 UNL 15	1003.5 S	16 -13 -13 -20	8
21 UNL 15	1010.1 C	00 -26 -26 -32	4
22 UNL 25	1023.5 N	00 -33 -33 -52	1
23 010 01	S-BS 1023.9 N	26 -09 -09 -11	10
24 UNL 25	1017.5 N	22 -05 -05 -09	4
25 UNL 25	1016.3 N	08 -07 -07 -12	2
26 UNL 25	999.0 N	04 -08 -08 -13	0
27 UNL 25	996.1 S	00 -08 -09 -17	4
28 UNL 25	1004.4 ESE	04 -19 -19 -28	2
29 UNL 25	1016.7 N	10 -08 -08 -16	2
30 UNL 25	1012.5 ESE	04 -10 -11 -18	2
31 UNL 25	1015.4 SSW	12 -09 -09 -17	2
AVG	1011.6	08 -22 -22 -30	04

CLYDE NMT
JANUARY 1961 1600 EST

01 070 25	1016.2 N	02 -03 -03 -08	10
02 UNL 25	1025.5 SE	04 -17 -17 -25	0
03 UNL 25	1028.6 C	00 -24 -24 -34	0
04 UNL 25	1026.6 C	00 -29 -29 -40	0
05 UNL 25	1023.5 NE	04 -28 -28 -40	4
06 UNL 25	1018.6 C	00 -28 -28 -40	0
07 UNL 25	1017.9 C	00 -21 -22 -31	7
08 UNL 25	1018.0 C	00 -20 -20 -27	2
09 UNL 25	1020.9 C	00 -33 -33 -48	1
10 UNL 25	1015.9 C	00 -43 -43 -50	0
11 UNL 25	1003.7 C	00 -42 -42 -50	0
12 UNL 25	1009.7 C	00 -39 -39 -46	1
13 UNL 25	1010.9 C	00 -41 -41 -50	1
14 UNL 25	1009.2 C	00 -43 -43 -50	1
15 005 00	1/2F BS 997.7 N	12 -29 -29 -30	10
16 000 00	S-BS 978.5 NW	38 -17 -17 -21	10
17 003 00	1/4BS 994.4 N	24 -22 -22 -27	10
18 UNL 25	999.5 C	00 -34 -34 -44	2
19 UNL 25	1005.5 C	00 -25 -25 -29	1
20 UNL 15	1004.8 SW	04 -21 -21 -26	4
21 UNL 15	1010.6 C	00 -27 -27 -39	4
22 UNL 25	1028.8 C	00 -23 -23 -34	1
23 025 01	BS 1022.9 N	24 -08 -08 -11	8
24 UNL 25	1018.2 N	18 -05 -04 -08	2
25 UNL 25	1015.4 N	08 -05 -05 -11	1
26 UNL 25	996.7 N	00 -09 -09 -16	0
27 UNL 25	997.1 C	00 -08 -09 -16	2
28 UNL 25	1007.7 C	00 -19 -19 -26	2
29 UNL 25	1016.5 N	08 -09 -10 -16	2
30 UNL 25	1013.2 ESE	12 -12 -12 -18	2
31 UNL 25	1016.6 WSW	06 -10 -10 -17	2
AVG	1012.0	05 -22 -23 -30	03

CLYDE NMT
JANUARY 1961 1900 EST

01 070 15	S- 1016.7 N	04 -04 -04 -09	10
02 UNL 25	1027.0 C	00 -16 -16 -24	0
03 UNL 25	1027.8 C	00 -26 -26 -34	0
04 UNL 25	1026.5 SE	04 -29 -29 -40	0
05 UNL 25	1023.0 C	00 -29 -29 -38	4
06 UNL 25	1017.4 E	04 -29 -29 -40	0
07 UNL 25	1018.3 C	00 -22 -22 -29	0
08 UNL 25	1018.2 C	00 -23 -23 -29	2
09 UNL 25	1020.9 C	00 -32 -32 -46	1
10 UNL 25	1014.5 SE	04 -41 -41 -50	0
11 UNL 25	1003.3 ESE	04 -43 -43 -50	0
12 UNL 25	1009.8 C	00 -41 -41 -50	0
13 UNL 25	1010.9 C	00 -47 -47 -50	0
14 UNL 25	1008.8 C	00 -40 -40 -50	0
15 005 00	1/2F BS 995.5 NW	26 -27 -27 -39	10
16 000 00	S-BS 981.7 NW	40 -16 -16 -23	10
17 UNL 15	995.0 NW	16 -23 -23 -29	0
18 UNL 25	1003.4 C	00 -31 -31 -40	2
19 UNL 25	1004.3 C	00 -26 -26 -37	4
20 UNL 15	1003.4 C	00 -20 -20 -27	0
21 UNL 15	1011.6 C	00 -26 -26 -32	4
22 UNL 25	1029.2 C	00 -24 -24 -30	1
23 UNL 01	BS 1022.6 N	24 -09 -09 -12	4
24 UNL 25	1018.5 N	18 -03 -03 -09	2
25 UNL 25	1013.0 S	04 -05 -06 -12	0
26 UNL 25	996.7 C	00 -10 -10 -17	0
27 UNL 25	997.1 C	00 -06 -06 -13	2
28 UNL 25	1009.9 C	00 -17 -17 -22	0
29 UNL 25	1016.6 N	10	

SYNOPTIC OBSERVATIONS

CLYDE

Date	Coasting (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 MNT
FEBRUARY 1961 0100 EST

01 UNL 25	1017.2 NW	04	-12	-12	-19	0
02 UNL 25	1021.0 SSE	01	-22	-22	-29	0
03 UNL 25	1017.7 S	03	-26	-26	-34	0
04 080 25	1009.8 W	10	-04	-04	-07	8
05 UNL 25	1013.1 SE	03	-15	-15	-20	0
06 080 25	1012.2 NW	08	-15	-15	-19	7
07 UNL 25	1013.0 NE	06	-26	-27	-37	0
08 UNL 25	1014.7 E	04	-16	-16	-24	0
09 UNL 25	1013.0 NW	12	-08	-08	-15	0
10 UNL 25	1008.9 S	02	-07	-08	-17	0
11 080 15	1009.9 NW	12	-06	-06	-12	10
12 UNL 25	1012.0 SSE	01	-23	-23	-31	0
13 UNL 20	1004.4 NW	10	-17	-17	-22	5
14 UNL 25	1006.2 SE	02	-31	-31	-37	0
15 UNL 20	1009.1 C	00	-36	-34	-40	0
16 UNL 25	1005.7 W	02	-34	-34	-40	0
17 UNL 20	1011.9 C	00	-42	-42	-48	0
18 UNL 25	1011.6 NW	10	-30	-30	-36	2
19 UNL 25	1002.7 C	00	-39	-39	-45	0
20 UNL 25	1007.4 E	01	-31	-31	-37	0
21 UNL 25	1012.4 C	00	-42	-42	-48	0
22 UNL 20	1002.1 W	01	-36	-36	-42	1
23 UNL 25	1004.4 C	00	-42	-42	-48	0
24 UNL 25	1012.1 W	01	-39	-39	-45	0
25 UNL 25	1012.7 W	00	-38	-38	-44	0
26 UNL 25	1012.9 W	00	-37	-37	-43	2
27 UNL 25	1012.3 W	02	-38	-38	-44	0
28 UNL 25	1011.6 W	04	-32	-32	-46	1

AVG 1010.8 04 -27 01

CLYDE MNT
FEBRUARY 1961 0400 EST

01 UNL 25	1017.9 SSW	02	-11	-12	-19	0
02 UNL 25	1021.6 SSE	01	-19	-19	-28	0
03 UNL 25	1016.3 S	02	-23	-23	-29	0
04 080 25	1009.1 WNW	03	04	04	-01	10
05 UNL 25	1013.2 ESE	02	-17	-17	-22	0
06 UNL 25	1012.8 NW	04	-17	-17	-25	9
07 UNL 25	1013.9 C	00	-22	-22	-29	0
08 UNL 25	1016.1 NW	08	-17	-17	-23	1
09 UNL 05	1014.4 NW	25	-07	-08	-13	0
10 UNL 25	1008.3 SSW	03	-08	-08	-17	0
11 080 20	1011.4 NW	10	-07	-07	-12	10
12 UNL 25	1010.9 C	00	-21	-21	-26	2
13 UNL 20	1005.0 NW	10	-20	-20	-27	1
14 UNL 25	1006.6 SE	02	-33	-33	-39	0
15 UNL 25	1009.5 C	00	-38	-38	-44	0
16 UNL 25	1005.9 WNW	02	-37	-37	-43	0
17 UNL 20	1013.0 ESE	02	-42	-42	-48	0
18 UNL 25	1010.4 NW	12	-29	-29	-35	2
19 UNL 25	1002.7 WNE	02	-39	-39	-45	0
20 UNL 25	1008.2 ESE	01	-43	-43	-49	0
21 UNL 25	1012.0 ESE	01	-41	-41	-47	1
22 UNL 20	1001.4 W	01	-39	-39	-45	0
23 UNL 25	1005.4 W	02	-41	-41	-47	0
24 UNL 25	1013.7 W	02	-39	-39	-45	1
25 UNL 25	1012.9 W	06	-36	-36	-42	2
26 UNL 25	1009.9 C	00	-37	-37	-43	0
27 UNL 25	1012.7 W	02	-33	-33	-39	0
28 UNL 25	1011.9 W	02	-37	-37	-43	1

AVG 1011.0 04 -27 01

Date	Coasting (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 MNT
FEBRUARY 1961 0700 EST

01 UNL 25	1016.4 E	03	-18	-18	-29	0
02 UNL 25	1022.3 ESE	01	-21	-21	-28	0
03 UNL 25	1014.9 SE	01	-24	-24	-30	0
04 080 10	1009.1 N	04	-02	-02	-07	10
05 UNL 25	1013.5 ENE	01	-22	-22	-29	0
06 UNL 25	1013.4 SSW	05	-20	-20	-27	1
07 UNL 25	1014.2 SW	04	-19	-19	-26	0
08 UNL 25	1015.8 N	02	-17	-17	-27	1
09 UNL 15	1014.2 NW	15	-08	-08	-16	0
10 080 25	1008.1 SSW	06	-05	-06	-15	8
11 UNL 25	1012.8 SE	02	-10	-11	-17	2
12 200 10	1009.7 C	00	-20	-20	-25	8
13 080 20	1004.9 WNW	06	-20	-20	-25	8
14 UNL 25	1006.9 C	00	-35	-35	-41	0
15 UNL 25	1009.3 SE	02	-39	-39	-45	1
16 UNL 25	1006.5 C	00	-37	-37	-43	2
17 UNL 20	1013.7 E	03	-37	-37	-43	1
18 080 10	1009.4 NW	12	-27	-27	-33	8
19 UNL 25	1002.9 N	02	-42	-42	-48	0
20 UNL 25	1007.7 E	01	-43	-43	-49	0
21 UNL 20	1011.6 C	00	-39	-39	-45	9
22 UNL 20	1001.4 W	02	-41	-41	-47	0
23 UNL 25	1006.2 W	02	-37	-37	-43	0
24 UNL 25	1014.6 C	00	-37	-37	-43	5
25 UNL 25	1012.9 W	00	-38	-38	-44	1
26 UNL 25	1010.2 W	00	-37	-37	-43	1
27 UNL 25	1012.9 W	01	-37	-37	-43	1
28 UNL 25	1011.5 W	03	-32	-32	-38	2

AVG 1011.1 03 -27 02

CLYDE MNT
FEBRUARY 1961 1000 EST

01 UNL 25	1019.1 ESE	06	-20	-20	-27	0
02 UNL 25	1022.1 C	00	-20	-20	-29	0
03 UNL 25	1013.5 C	00	-23	-23	-33	1
04 080 10	1009.8 NE	02	-02	-02	-06	10
05 UNL 25	1012.6 NE	04	-23	-23	-29	9
06 UNL 25	1013.4 S	04	-20	-20	-27	1
07 UNL 15	1014.1 NW	02	-16	-17	-28	1
08 UNL 25	1015.7 SW	04	-15	-15	-23	1
09 UNL 25	1013.6 NW	12	-07	-07	-13	0
10 080 25	1007.1 WNW	04	-06	-06	-11	8
11 UNL 25	1012.7 SW	04	-11	-11	-18	0
12 200 02	1007.6 C	00	-20	-20	-25	10
13 080 10	1004.5 NW	10	-20	-20	-25	8
14 UNL 25	1006.9 C	00	-36	-36	-42	4
15 UNL 25	1008.9 C	00	-40	-40	-46	0
16 UNL 25	1007.5 C	00	-40	-40	-46	3
17 UNL 25	1013.6 C	00	-36	-36	-42	3
18 080 15	1008.0 NW	10	-27	-27	-33	8
19 UNL 25	1003.5 C	00	-36	-36	-42	0
20 UNL 25	1010.4 C	00	-43	-43	-49	0
21 UNL 25	1010.6 C	00	-44	-44	-50	4
22 UNL 25	1001.3 C	00	-41	-41	-47	1
23 UNL 25	1006.4 C	00	-38	-38	-44	0
24 UNL 25	1014.5 C	00	-36	-36	-42	1
25 UNL 25	1011.9 C	00	-39	-39	-45	1
26 UNL 25	1009.9 C	00	-30	-30	-43	0
27 UNL 25	1013.0 C	00	-37	-37	-43	1
28 UNL 25	1010.6 W	04	-28	-28	-34	2

AVG 1010.8 02 -27 03

Date	Coasting (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 MNT
FEBRUARY 1961 1300 EST

01 UNL 25	1019.2 S	04	-15	-15	-25	0
02 UNL 25	1021.6 C	00	-20	-21	-29	0
03 UNL 25	1012.2 C	00	-18	-18	-25	9
04 080 10	1009.8 NE	02	01	01	-05	7
05 UNL 25	1011.3 C	00	-20	-21	-37	7
06 UNL 25	1012.7 C	00	-24	-24	-30	0
07 UNL 15	1014.1 SSE	06	-20	-20	-27	1
08 UNL 25	1015.1 WNW	16	-11	-11	-18	0
09 UNL 25	1011.9 NW	14	-09	-09	-12	1
10 080 25	1006.8 NW	06	-01	-01	-06	8
11 UNL 25	1012.8 N	10	-07	-07	-12	0
12 090 01	1005.7 C	00	-13	-13	-17	10
13 UNL 15	1004.1 NW	08	-19	-19	-24	4
14 UNL 25	1006.4 C	00	-28	-28	-37	4
15 UNL 25	1008.1 C	00	-36	-36	-42	0
16 UNL 25	1008.1 C	00	-38	-38	-44	3
17 120 15	1013.5 NW	12	-34	-34	-40	6
18 UNL 25	1006.4 NW	10	-28	-28	-37	2
19 UNL 25	1004.3 C	00	-34	-34	-44	1
20 UNL 25	1010.8 C	00	-40	-40	-46	1
21 UNL 25	1008.6 ESE	04	-31	-31	-45	2
22 UNL 25	1001.4 C	00	-36	-36	-42	1
23 UNL 25	1006.6 C	00	-35	-35	-39	0
24 UNL 25	1013.4 C	00	-34	-34	-44	1
25 UNL 25	1010.8 C	00	-32	-32	-42	1
26 UNL 25	1009.6 C	00	-26	-26	-36	1
27 UNL 25	1012.1 C	00	-28	-28	-37	1
28 UNL 25	1009.9 W	04	-23	-23	-36	2

AVG 1010.3 03 -24 02

CLYDE MNT
FEBRUARY 1961 1600 EST

01 UNL 25	1020.3 SE	02	-17	-17	-24	0
02 UNL 25	1021.3 C	00	-23	-23	-38	0
03 UNL 25	1012.0 NW	06	-09	-09	-16	3
04 080 25	1009.8 SW	06	02	01	-04	7
05 080 25	1011.9 C	00	-18	-18	-25	8
06 UNL 25	1013.1 C	00	-27	-28	-36	0
07 UNL 15	1015.0 NW	12	-17	-18	-25	2
08 UNL 25	1013.9 E	06	-15	-15	-23	1
09 UNL 25	1012.0 NW	10	-09	-10	-20	0
10 UNL 25	1007.3 NW	06	-03	-03	-09	1
11 UNL 25	1013.3 NW	06	-11	-11	-18	0
12 090 01	1005.6 NW	10	-15	-15	-20	10
13 UNL 25	1005.4 SW	06	-21	-21	-33	4
14 080 15	1007.9 C	00	-29	-29	-42	6
15 UNL 25	1007.7 SE	02	-38	-38	-44	0
16 UNL 25	1009.8 C	00	-39	-39	-45	2
17 120 15	1013.8 C	00	-34	-34	-47	6
18 UNL 25	1005.7 SW	06	-28	-28	-37	2
19 UNL 25	1004.7 C	00	-36	-36	-42	1
20 UNL 25	1011.7 C	00	-40	-40	-46	1
21 UNL 25	1008.0 ESE	04	-33	-33	-39	4
22 UNL 25	1002.6 C	00	-39	-39	-45	1
23 UNL 25	1007.6 C	00	-38	-38	-44	0
24 UNL 25	1012.4 C	00	-35	-35	-41	0
25 UNL 25	1011.0 C	00	-35	-35	-41	1
26 UNL 25	1010.6 C	00	-30	-30	-39	1
27 UNL 25	1012.3 C	00	-31	-31	-40	1
28 UNL 15	1009.3 W	06	-26	-26	-32	7

AVG 1010.6 03 -25 03

Date	Coasting (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 MNT
FEBRUARY 1961 1900 EST

SYNOPTIC OBSERVATIONS

CLYDE

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

01 UNL 20	1003.6 W	03	-31	-30	-32	1				
02 UNL 25	1000.9 W	04	-33	-33	-39	0				
03 UNL 25	1002.8 C	00	-33			4				
04 UNL 25	1009.8 C	00	-37			0				
05 UNL 25	1017.8 C	00	-34	-33	-37	0				
06 UNL 20	1016.8 W	01	-35	-34	-34	0				
07 UNL 25	1018.7 W	01	-27	-27	-33	2				
08 UNL 25	1011.3 W	02	-36			0				
09 UNL 20	1011.7 W	08	-17	-17	-25	1				
10 UNL 25	1014.0 W	01	-32	-32	-35	0				
11 UNL 20	1023.3 W	02	-33	-35	-41	0				
12 UNL 20	1022.6 W	02	-34	-34	-34	0				
13 UNL 25	1021.5 W	05	-35	-34	-35	0				
14 UNL 25	1022.3 W	03	-36			0				
15 UNL 25	1018.0 W	01	-40			0				
16 UNL 25	1020.7 W	01	-43			0				
17 080 05	1012.8 NW	12	-24	-24	-30	10				
18 UNL 10	1006.8 W	02	-17	-17	-25	0				
19 100 20	1008.8 C	00	-20	-20	-22	10				
20 UNL 25	1007.5 WSW	04	-22	-22	-29	2				
21 UNL 25	1006.7 C	00	-36			0				
22 UNL 25	1013.7 SSW	04	-27	-27	-36	0				
23 UNL 25	1017.6 ESE	02	-18	-17	-19	1				
24 UNL 25	1022.2 E	02	-21	-21	-26	1				
25 UNL 25	1023.2 C	00	-29	-28	-30	0				
26 UNL 25	1026.7 ENE	01	-27	-27	-42	0				
27 UNL 25	1029.0 ENE	02	-29	-28	-30	0				
28 UNL 25	1030.9 ESE	01	-27	-27	-28	0				
29 UNL 25	1026.2 SE	02	-30	-30	-31	1				
30 UNL 25	1029.3 E	02	-33	-33	-33	0				
31 UNL 25	1033.4 ESE	02	-32	-32	-38	1				
AVG	1017.1	03	-30			01				

CLYDE NMT
MARCH 1961 0400 EST

01 UNL 20	1003.0 W	01	-32	-31	-33	1				
02 UNL 25	1001.9 W	04	-34	-35	-57	0				
03 UNL 25	1002.4 C	00	-35			4				
04 UNL 25	1011.7 C	00	-37			0				
05 UNL 25	1018.7 C	00	-33	-33	-44	0				
06 UNL 20	1016.6 W	01	-36			1				
07 UNL 25	1018.7 W	02	-28	-28	-37	2				
08 UNL 20	1009.7 W	02	-33	-33	-43	4				
09 UNL 20	1013.3 W	12	-20	-20	-29	1				
10 UNL 25	1014.6 W	01	-34	-34	-49	0				
11 UNL 20	1023.9 W	01	-36			1				
12 UNL 20	1022.5 W	01	-36			0				
13 UNL 15	1021.5 W	02	-29	-29	-38	4				
14 UNL 25	1022.7 W	02	-36			1				
15 UNL 25	1017.1 W	01	-39			2				
16 UNL 25	1021.2 W	01	-41			0				
17 080 05	1010.1 NW	10	-24	-24	-32	10				
18 UNL 20	1007.1 S	18	-19	-19	-28	0				
19 UNL 25	1010.5 W	02	-25	-24	-27	4				
20 UNL 25	1007.0 NW	06	-23	-23	-23	2				
21 UNL 25	1006.8 E	01	-37			0				
22 UNL 20	1014.6 WNW	07	-27	-27	-36	6				
23 UNL 25	1018.2 S	02	-16	-16	-24	3				
24 UNL 25	1022.4 SE	02	-32	-32	-39	0				
25 UNL 25	1023.8 ESE	01	-27	-27	-39	1				
26 UNL 25	1027.1 E	01	-28	-28	-29	0				
27 UNL 25	1030.0 ENE	02	-29	-29	-38	0				
28 UNL 25	1030.4 E	02	-27	-27	-36	1				
29 UNL 25	1026.0 SE	02	-33	-33	-33	1				
30 UNL 25	1030.9 E	01	-34	-34	-34	0				
31 UNL 25	1033.9 ENE	01	-27	-27	-30	2				
AVG	1017.4	03	-30			02				

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

01 UNL 20	1002.0 W	04	-26	-26	-28	2				
02 UNL 25	1001.9 W	04	-37			0				
03 UNL 25	1005.0 C	00	-38			4				
04 UNL 25	1012.4 C	00	-36			0				
05 UNL 25	1018.7 C	00	-35	-35	-51	0				
06 UNL 20	1016.8 W	02	-33	-33	-33	6				
07 UNL 05	1018.8 W	06	-27	-27	-36	5				
08 200 10	1009.2 W	01	-30	-30	-39	8				
09 UNL 20	1014.8 W	10	-21	-21	-28	4				
10 UNL 25	1014.6 W	01	-36			1				
11 UNL 20	1024.1 W	02	-35	-35	-46	3				
12 UNL 20	1023.1 W	04	-40			0				
13 UNL 15	1021.8 W	02	-30	-30	-39	4				
14 UNL 25	1022.7 W	02	-35	-35	-51	3				
15 UNL 25	1016.3 W	02	-40			2				
16 UNL 20	1021.0 W	01	-40			2				
17 080 05	1019.8 S	03	-10	-10	-13	9				
18 UNL 25	1007.9 ESE	02	-20	-20	-27	2				
19 UNL 25	1012.2 W	02	-26	-26	-34	1				
20 UNL 25	1006.7 W	04	-24	-24	-34	1				
21 UNL 25	1007.2 E	01	-34			1				
22 UNL 20	1015.8 NW	16	-25	-25	-33	3				
23 UNL 25	1019.8 W	03	-10	-10	-13	9				
24 UNL 25	1022.7 ESE	01	-21	-21	-21	2				
25 UNL 25	1024.0 ESE	01	-25	-25	-33	3				
26 UNL 25	1027.3 SE	02	-27	-26	-28	0				
27 UNL 25	1031.0 ENE	02	-25	-25	-27	2				
28 UNL 25	1030.4 ENE	02	-25	-25	-39	1				
29 UNL 25	1026.8 SE	02	-34	-34	-40	1				
30 UNL 25	1031.3 E	01	-33	-33	-43	0				
31 UNL 25	1033.3 E	02	-27	-27	-33	2				
AVG	1017.6	03	-30			03				

CLYDE NMT
MARCH 1961 1000 EST

01 UNL 25	1001.8 W	01	-25	-26	-34	1				
02 UNL 25	1002.8 W	01	-35	-34	-35	0				
03 UNL 25	1004.6 C	00	-33	-33	-33	2				
04 UNL 25	1013.9 W	01	-34	-34	-34	0				
05 UNL 25	1015.3 W	02	-30	-30	-31	1				
06 UNL 25	1016.9 W	02	-30	-30	-34	1				
07 UNL 15	1018.2 W	02	-27	-27	-36	2				
08 100 10	1008.1 W	02	-23	-23	-29	8				
09 120 15	1015.4 W	04	-20	-20	-29	7				
10 UNL 20	1016.1 W	01	-27	-27	-36	1				
11 UNL 25	1023.9 W	02	-33	-33	-48	1				
12 UNL 25	1023.1 W	01	-33	-33	-34	0				
13 UNL 15	1021.8 W	06	-27	-27	-36	3				
14 UNL 25	1022.3 W	02	-34	-34	-49	0				
15 UNL 25	1016.2 W	02	-37			1				
16 UNL 25	1021.3 W	01	-34	-34	-57	1				
17 025 01	1006.1 NW	16	-20	-20	-27	10				
18 UNL 25	1007.7 ENE	02	-17	-17	-24	1				
19 UNL 25	1012.5 NW	05	-19	-19	-28	7				
20 UNL 25	1006.7 NW	06	-20	-20	-27	1				
21 UNL 20	1008.0 NE	02	-27	-27	-47	7				
22 UNL 25	1015.9 NW	16	-22	-22	-32	9				
23 100 25	1020.7 SSE	02	-09	-09	-15	8				
24 UNL 25	1023.1 SE	01	-19	-19	-28	2				
25 UNL 25	1025.2 ESE	01	-21	-21	-33	1				
26 UNL 25	1027.3 SE	02	-20	-19	-21	1				
27 UNL 25	1031.3 NW	01	-18	-18	-27	1				
28 UNL 25	1029.6 E	02	-17	-17	-29	1				
29 UNL 25	1026.1 SE	02	-25	-25	-36	1				
30 UNL 25	1031.7 C	00	-22	-22	-29	0				
31 UNL 25	1032.8 NW	01	-19	-18	-20	1				
AVG	1017.7	03	-25	-25	-33	02				

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

01 UNL 25	1001.4 W	06	-24	-24	-30	0				
02 UNL 25	1002.8 W	02	-26	-26	-28	0				
03 UNL 25	1005.0 W	01	-31	-30	-32	0				
04 UNL 25	1014.8 W	02	-29	-29	-35	1				
05 UNL 25	1019.0 W	01	-27	-27	-39	0				
06 UNL 25	1017.3 W	02	-27	-27	-39	0				
07 UNL 25	1016.6 W	02	-28	-28	-37	0				
08 080 05	1007.7 W	02	-14	-14	-19	10				
09 UNL 20	1015.4 W	04	-19	-19	-28	3				
10 UNL 20	1018.3 W	02	-23	-23	-31	4				
11 UNL 20	1023.2 W	02	-31	-31	-45	1				
12 UNL 25	1022.7 W	02	-31	-31	-40	0				
13 UNL 25	1021.8 W	04	-25	-25	-33	4				
14 UNL 25	1021.6 W	01	-27	-27	-36	0				
15 UNL 25	1016.9 W	02	-31	-31	-37	3				
16 UNL 20	1020.2 W	04	-30	-30	-31	4				
17 025 06	1003.7 NW	22	-18	-18	-25	10				

SYNOPTIC OBSERVATIONS

CLYDE

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

CLYDE MNT 1961 0100 EST

CLYDE MNT 1961 0700 EST

CLYDE MNT 1961 1300 EST

CLYDE MNT 1961 1900 EST

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

CLYDE MNT 1961 0400 EST

CLYDE MNT 1961 1000 EST

CLYDE MNT 1961 1600 EST

CLYDE MNT 1961 2200 EST

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

AVG 1023+6 05 -03 -03 -10 03

AVG 1023+4 05 07 07 01 03

AVG 1023+3 06 10 09 04 03

AVG 1023+0 04 -01 -01 -08 02

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 (tenths)
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CLYDE NWT
MAY 1961 0100 EST

01 UNL 25	1015.8 N	01	07	07	02	3				
02 035 25	1018.2 SE	06	15	14	10	9				
03 040 25	1016.4 SW	02	08	07	02	9				
04 UNL 25	1015.9 NE	04	-01	-01	-04	7				
05 UNL 25	1017.2 ESE	02	-08	-08	-13	0				
06 UNL 25	1016.6 SE	01	-08	-08	-11	3				
07 020 20	1017.8 NNE	04	03	02	-02	10				
08 025 10	1019.1 NW	08	05	05	00	10				
09 UNL 25	1018.3 SE	02	04	03	-01	5				
10 UNL 02	1019.3 NE	02	-01	-01	-05	0				
11 020 02	BS									
12 UNL 25	1013.3 NNW	12	09	08	05	10				
13 025 01	S-F									
14 UNL 25	1012.0 N	04	08	08	05	6				
15 080 25	1012.3 SW	02	10	10	06	8				
16 UNL 25	1014.4 ESE	02	-01	-01	-05	1				
17 030 02	S-BS									
18 030 25	1011.2 WNW	06	19	14	10	10				
19 030 10	1016.0 NNE	02	15	15	11	10				
20 080 01	S-F									
21 220 25	1020.1 NW	14	14	14	10	7				
22 UNL 25	1032.1 SE	01	17	16	12	0				
23 030 25	1031.6 ESE	10	19	15	12	9				
24 030 25	1027.8 NW	06	19	19	17	10				
25 030 10	S-									
26 UNL 25	1021.9 NE	04	17	16	14	10				
27 025 00	1/2BS									
28 025 01	S-F									
29 030 10	S-									
30 100 25	1009.6 S	02	14	14	12	8				
31 120 25	1009.5 N	02	24	24	21	10				
AVG	1016.0	05	10	10	06	07				

CLYDE NWT
MAY 1961 0400 EST

01 UNL 25	1014.7 N	02	07	07	03	5				
02 UNL 25	1017.7 SSE	10	10	09	02	6				
03 050 15	1016.8 NNW	04	09	08	04	10				
04 080 25	1016.7 NE	02	01	-03	8					
05 UNL 25	1017.4 ESE	02	-07	-07	-10	0				
06 025 25	1016.9 ESE	01	-01	-01	-05	10				
07 020 25	1018.8 NNE	04	03	03	-01	7				
08 040 10	S-									
09 UNL 25	1019.3 NW	08	05	05	01	10				
10 UNL 10	1018.7 SSE	04	04	04	-01	4				
11 025 02	S-BS									
12 030 25	1019.8 NE	03	01	01	-03	5				
13 030 01	S-F									
14 UNL 25	1012.2 NW	12	15	14	11	10				
15 UNL 25	1012.1 WNW	03	12	12	09	6				
16 UNL 25	1015.0 ENE	02	-01	-02	-06	0				
17 030 02	BS									
18 030 25	1011.7 E	06	17	16	10	10				
19 030 25	1016.7 E	02	16	15	11	10				
20 030 01	S-F									
21 200 25	1021.9 W	12	15	15	11	7				
22 UNL 25	1032.8 ESE	01	08	07	03	10				
23 050 25	1031.8 ESE	10	15	15	13	10				
24 050 25	S-									
25 030 25	1021.4 NE	06	17	17	14	9				
26 030 25	1012.9 NNE	04	12	11	09	9				
27 025 00	1/2ABS									
28 025 01	S-F									
29 050 25	1011.1 NE	05	18	18	15	10				
30 050 25	1010.9 N	04	20	20	18	10				
31 030 00	1009.7 ESE	10	19	18	16	10				
31 030 00	1007.1 C	00	27	26	25	10				
AVG	1016.1	06	11	10	07	08				

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 (tenths)
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CLYDE NWT
MAY 1961 0700 EST

01 UNL 25	1015.1 SSW	02	22	20	14	7				
02 UNL 25	1017.5 E	02	10	10	05	6				
03 029 10	S-									
04 UNL 25	1016.7 NNE	04	07	07	02	10				
05 UNL 25	1017.5 NE	02	03	03	-02	7				
06 030 25	1017.4 S	02	-05	-05	-09	0				
07 040 25	1016.9 SSW	04	09	08	04	10				
08 UNL 02	BS									
09 UNL 25	1019.0 NW	15	08	07	03	10				
10 UNL 25	1019.0 SSE	02	07	07	02	3				
11 025 02	BS									
12 030 02	F									
13 030 01	BS									
14 UNL 02	F									
15 040 25	1012.5 WNW	06	14	13	09	8				
16 UNL 25	1015.3 ESE	02	13	12	07	0				
17 030 02	BS									
18 UNL 25	1012.4 NW	18	15	14	11	10				
19 030 25	S-									
20 UNL 10	1017.3 N	10	12	11	07	7				
21 UNL 25	1024.1 SSE	08	18	17	13	5				
22 UNL 25	1035.1 ESE	02	13	12	07	0				
23 030 25	1031.9 E	08	19	18	16	10				
24 030 02	S-									
25 030 25	1026.0 N	04	22	21	19	10				
26 030 25	1020.4 NW	10	19	18	15	8				
27 025 00	1/4S-F									
28 025 00	1/2S-F									
29 050 25	1012.0 N	14	20	20	17	10				
30 030 25	1008.7 S	12	20	20	17	10				
31 030 02	S-F									
AVG	1016.2	08	14	13	09	08				

CLYDE NWT
MAY 1961 1000 EST

01 UNL 25	1013.7 NW	14	23	21	15	1				
02 UNL 25	1017.3 N	06	23	22	18	7				
03 025 20	1016.6 N	04	11	10	05	10				
04 UNL 25	1018.1 NE	05	06	06	01	5				
05 UNL 25	1017.3 NNE	02	09	08	04	0				
06 030 20	S-									
07 040 25	1019.6 N	10	08	07	00	9				
08 025 04	S-									
09 UNL 25	1019.7 C	00	12	12	07	1				
10 080 25	1018.4 E	12	09	08	02	7				
11 015 01	S-BS									
12 015 01	S-									
13 015 01	1/2S-									
14 025 03	S-									
15 UNL 25	1012.8 E	06	18	16	10	3				
16 080 06	S-									
17 120 12	S-									
18 100 25	1012.8 WNW	08	20	19	13	8				
19 015 01	SG-									
20 080 05	S-									
21 UNL 25	1016.9 N	20	18	17	13	10				
22 UNL 25	1026.1 W	05	24	21	15	3				
23 100 25	1033.2 S	02	18	16	11	2				
24 020 00	1/2S									
25 120 25	1025.3 NNE	06	25	23	20	10				
26 025 25	1019.2 N	06	24	22	16	7				
27 080 10	1011.8 N	10	17	16	11	10				
28 120 10	1006.1 N	18	20	19	16	9				
29 100 25	1012.6 NE	02	26	25	21	9				
30 030 25	1011.1 NNW	14	22	22	18	10				
31 030 25	1008.5 SSW	12	24	22	18	8				
31 080 25	1009.5 N	04	32	31	29	10				
AVG	1016.2	09	18	17	12	08				

CLYDE NWT
MAY 1961 1300 EST

01 100 20	1016.5 NW	18	23	21	16	8				
02 200 25	1016.7 N	08	19	17	09	9				
03 080 20	1016.1 NNE	06	11	10	03	10				
04 UNL 25	1018.1 NE	06	07	07	02	4				
05 UNL 25	1017.0 SW	03	12	12	07	1				
06 030 20	S-									
07 050 25	1019.1 NNW	06	10	08	00	9				
08 080 10	S-									
09 UNL 25	1018.5 NNW	11	13	12	06	8				
10 030 25	1019.7 NNE	03	17	15	09	5				
11 080 06	BS									
12 015 01	S-									
13 030 08	S-									
14 UNL 25	1011.6 SW	01	30	29	24	4				
15 UNL 25	1013.3 ESE	07	17	15	08	2				
16 080 05	S-									
17 100 20	1012.5 NW	14	18	17	12	9				
18 030 20	S-									
19 020 01	1/2S-									
20 080 10	1015.6 N	08	20	18	13	10				
21 UNL 25	1018.0 N	16	20	19	15	10				
22 UNL 25	1028.0 NNW	02	26	25	17	1				
23 200 25	1032.9 ESE	10	19	19	12	2				
24 180 20	1024.4 E	02	22	21	17	8				

SYNOPTIC OBSERVATIONS

CLYDE

Date	Calling (100's 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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CLYDE RMT
JUNE 1961 0100 EST

01 080 02	F	1013.0	NE	06	25	25	24	10		
02 025 25		1010.8	N	06	28	28	27	10		
03 UNL 25		1014.4	N	08	19	18	16	9		
04 UNL 00	1/2F	1014.6	SE	03	13	13	11	0		
05 UNL 25		1019.7	C	00	21	20	17	0		
06 UNL 00	1/AF	1013.5	S	02	17	17	15	0		
07 090 02	S-	1007.6	W	02	31	30	29	10		
08 080 05	S-	1000.4	N	08	30	30	29	10		
09 080 01	BS	1004.5	N	42	27	27	27	8		
10 025 10		1009.4	NNE	04	29	29	28	10		
11 015 25		1018.1	N	03	33	32	32	10		
12 UNL 25		1021.7	SE	04	32	31	29	6		
13 UNL 25		1013.7	NNW	12	34	33	29	1		
14 UNL 25		1010.9	N	14	36	34	30	0		
15 UNL 25		1009.7	ESE	04	36	34	28	0		
16 100 25		999.7	S	04	40	37	33	7		
17 025 25		997.6	E	02	38	37	34	9		
18 020 00	1/2S-F	1004.3	N	06	33	33	33	10		
19 080 25		1008.7	N	06	32	32	31	10		
20 100 25		1009.6	C	00	33	33	33	8		
21 015 01	F	1007.8	NNE	08	30	30	30	10		
22 000 00	1/8F	1004.3	SW	01	30	31	30	10		
23 020 05	R-	1006.3	EHE	08	33	33	33	10		
24 020 10		1011.9	N	12	32	32	31	10		
25 000 00	1/8F	1012.6	SW	06	30	30	30	10		
26 030 25		1008.1	N	01	36	35	35	9		
27 030 25		1010.3	NNW	02	37	36	33	10		
28 030 25		1007.3	NNW	04	35	35	35	9		
29 030 25		1009.5	SW	02	43	41	37	9		
30 080 25		1008.3	SSW	01	37	36	36	7		

AVG 1009.1 07 31 30 29 07

CLYDE RMT
JUNE 1961 0400 EST

01 080 10		1013.7	E	06	28	27	27	10		
02 025 25		1010.6	N	04	28	28	27	10		
03 UNL 25		1014.8	C	00	21	20	17	1		
04 200 10		1015.0	C	00	16	16	14	6		
05 UNL 25		1016.4	SE	02	21	20	17	1		
06 UNL 10		1012.8	S	02	17	17	15	4		
07 030 25		1006.3	N	02	32	31	29	10		
08 025 01	F	1000.6	N	12	30	30	30	10		
09 030 02	BS	1005.8	N	30	27	27	26	9		
10 020 00	1/2F	1009.4	N	06	29	29	28	10		
11 025 25		1019.2	N	06	34	33	32	10		
12 UNL 25		1021.0	SW	03	35	32	6			
13 UNL 25		1014.9	N	10	35	33	29	1		
14 UNL 25		1011.2	NNW	20	38	35	32	0		
15 UNL 25		1009.1	NNW	04	41	38	32	0		
16 UNL 25		995.5	S	04	44	40	32	6		
17 030 25		999.0	ENE	03	37	36	34	9		
18 025 02		1004.6	NNW	07	33	33	33	10		
19 080 25	S-	1009.7	N	06	33	32	32	10		
20 025 25		1009.6	NW	02	33	33	33	10		
21 020 10		1006.5	N	08	30	30	29	10		
22 UNL 05	F	1004.4	WSW	01	33	32	32	0		
23 015 10	R-	1006.6	ENE	05	34	33	33	10		
24 020 01	S-	1011.8	N	12	31	31	31	10		
25 000 00	1/8F	1012.1	SW	05	30	33	29	10		
26 080 25		1007.0	ENE	02	37	36	35	9		
27 080 25		1010.5	N	04	37	36	32	10		
28 100 25		1006.2	N	04	36	36	34	7		
29 050 25		1004.0	SSW	12	45	42	37	8		
30 080 25		1008.5	W	02	36	36	35	7		

AVG 1009.2 06 32 31 29 07

Date	Calling (100's 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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CLYDE RMT
JUNE 1961 0700 EST

01 030 10		1013.9	ENE	04	29	29	27	10		
02 080 25		1010.5	N	12	28	28	26	10		
03 UNL 25		1014.5	E	06	24	23	19	1		
04 UNL 25		1019.5	ESE	01	21	20	17	5		
05 UNL 25		1017.0	S	02	20	20	15	2		
06 200 25		1012.1	W	02	26	25	21	7		
07 080 25		1005.3	N	02	33	31	28	10		
08 025 01		1000.6	N	14	31	30	30	10		
09 080 00	F	1006.3	N	28	27	27	26	9		
10 020 00	1/2F	1010.4	N	09	31	31	29	10		
11 025 25		1019.9	N	08	36	34	30	10		
12 250 25		1020.3	N	02	42	38	35	7		
13 UNL 25		1014.5	NW	16	37	34	29	2		
14 UNL 25		1011.4	NNW	14	39	36	31	0		
15 UNL 25		1008.3	N	04	46	40	31	0		
16 100 25		994.8	SSW	02	49	42	34	8		
17 015 25		999.8	NE	06	39	37	34	10		
18 080 25		1004.9	NNW	08	34	33	33	10		
19 080 25		1010.0	NNE	08	34	33	31	10		
20 020 10		1009.5	E	04	37	37	35	9		
21 020 02	F	1006.2	N	10	30	30	30	10		
22 UNL 25		1004.9	N	02	35	34	33	5		
23 020 10		1007.0	ENE	06	34	34	33	10		
24 015 25		1013.0	N	12	33	33	32	9		
25 000 00	1/4F	1011.9	SW	06	30	30	29	10		
26 030 25		1007.6	NNW	04	38	36	34	9		
27 040 25		1010.6	N	06	37	35	32	9		
28 100 25		1005.2	N	04	38	37	35	9		
29 035 25		1005.8	SSW	10	46	42	36	8		
30 050 25		1008.8	SW	04	40	39	38	9		

AVG 1009.3 07 34 33 30 08

CLYDE RMT
JUNE 1961 1000 EST

01 015 25		1014.0	E	03	32	31	30	10		
02 030 25		1011.0	N	14	18	18	14	10		
03 UNL 25		1014.2	NE	05	29	26	21	3		
04 UNL 25		1019.9	SSW	03	26	25	22	5		
05 UNL 25		1016.7	N	02	34	32	29	8		
06 UNL 25		1011.9	E	04	34	31	26	5		
07 080 25		1003.9	SE	02	40	37	31	10		
08 010 10		1000.9	N	14	32	31	30	10		
09 100 20		1006.2	NNW	27	29	27	23	9		
10 005 00	1/2S-F	1012.0	NNW	10	34	33	32	10		
11 040 25		1020.6	NNW	08	37	34	28	6		
12 180 25		1019.4	N	06	40	37	32	8		
13 UNL 25		1013.3	NW	16	40	36	30	1		
14 UNL 25		1011.0	NNW	20	40	36	32	0		
15 UNL 25		1007.2	SW	04	38	36	33	0		
16 180 25		994.2	E	10	50	44	38	8		
17 020 20		1000.8	ENE	06	38	37	35	10		
18 020 20		1005.5	NNE	12	35	34	33	10		
19 020 20		1010.6	ENE	10	38	35	33	9		
20 060 25		1009.6	ENE	10	38	37	35	7		
21 030 25		1005.1	N	10	35	34	33	10		
22 180 25		1005.1	NW	03	39	38	36	8		
23 015 08	RW-SW	1007.9	ENE	10	34	34	33	10		
24 080 25		1015.0	N	10	37	36	34	7		
25 080 01	1/2F	1011.2	WSW	04	33	32	31	9		
26 080 25		1008.2	H	06	39	37	34	8		
27 030 25		1010.5	SW	03	38	36	33	9		
28 100 15	R-	1003.9	SSW	12	45	42	37	8		
29 100 25		1004.8	ENE	05	43	40	35	8		
30 100 25		1008.8	NNW	01	42	40	37	7		

AVG 1009.3 08 36 34 31 07

Date	Calling (100's 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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CLYDE RMT
JUNE 1961 1300 EST

01 015 25		1013.8	NE	03	34	32	29	10		
02 030 25		1011.6	N	10	29	28	24	10		
03 UNL 25		1014.0	ENE	05	29	26	18	1		
04 220 25		1016.0	NNE	01	38	34	26	8		
05 UNL 25		1016.1	SSW	02	35	33	28	6		
06 100 25		1011.2	SSW	03	34	32	28	8		
07 040 20	S-	1002.5	WSW	01	39	37	32	10		
08 025 20		1001.5	N	22	31	29	25	9		
09 005 05	F	1006.6	NNW	20	31	29	27	10		
10 005 03	F	1013.1	F	06	37	36	34	10		
11 100 25		1021.2	NNW	08	38	35	32	7		
12 UNL 25		1018.2	NW	03	43	39	37	7		
13 UNL 25		1012.7	NW	16	40	37	31	1		
14 UNL 25		1011.2	NNW	16	40	37	31	1		
15 UNL 25		1005.2	N	03	40	38	35	0		
16 1										

SYNOPTIC OBSERVATIONS

EUREKA

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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EUREKA NMT
JANUARY 1961 0100 EST

01 UNL 15	1020.3	ESE	04	-43		0				
02 UNL 15	1021.7	C	00	-43		0				
03 UNL 15	1024.2	E	06	-40		10				
04 UNL 15	1025.0	C	00	-37		2				
05 UNL 15	1026.3	E	05	-38		3				
06 UNL 15	1024.9	C	00	-47		0				
07 UNL 15	1021.4	SE	04	-47		0				
08 080 15	1020.9	C	00	-39		8				
09 090 15	1019.2	NE	05	-37		8				
10 010 15	1018.9	N	02	-35		10				
11 UNL 15	1009.5	C	00	-49		0				
12 UNL 15	999.9	E	12	-55		0				
13 UNL 15	1010.3	SE	03	-55		0				
14 UNL 15	1011.4	ENE	04	-45		0				
15 UNL 15	1011.4	ESE	07	-48		0				
16 030 10	1001.3	NNE	06	-39		8				
17 010 02	991.1	S	15	-23	-23	-25	10			
18 UNL 10	995.4	ESE	07	-22	-22	-27	3			
19 060 15	1007.2	NW	13	-21	-21	-26	8			
20 UNL 10	1015.9	N	12	-23	-23	-29	4			
21 UNL 00 1/2BS	1019.7	WNW	34	-26	-26	-32	0			
22 UNL 15	1022.2	E	12	-32	-32	-38	0			
23 020 15	1034.4	ESE	08	-28		6				
24 UNL 15	1032.7	C	00	-42		0				
25 020 15	1025.3	ESE	12	-33		6				
26 010 05	1019.0	C	00	-21	-21	-25	10			
27 UNL 02	1002.8	WNW	20	-19	-19	-24	0			
28 UNL 15	1008.8	ENE	06	-34	-34	-40	0			
29 020 15	1018.0	ESE	03	-28		8				
30 UNL 10	1019.6	NNE	08	-22	-22	-26	3			
31 UNL 15	1024.0	ESE	06	-40		0				
AVG	1016.0		07	-36		04				

EUREKA NMT
JANUARY 1961 0400 EST

01 UNL 15	1020.3	ESE	06	-42		0				
02 UNL 15	1022.4	ESE	08	-43		0				
03 UNL 15	1025.1	E	08	-36		10				
04 UNL 15	1025.3	C	00	-37		4				
05 UNL 15	1023.8	E	03	-42		0				
06 UNL 15	1024.4	C	00	-47		0				
07 UNL 15	1021.6	C	00	-46		0				
08 080 15	1021.0	C	00	-37		8				
09 090 15	1019.3	N	06	-36		10				
10 010 15	1018.7	NE	06	-34		10				
11 UNL 15	1008.8	E	03	-49		0				
12 UNL 15	1001.8	E	10	-55		0				
13 UNL 15	1010.1	C	00	-55		0				
14 UNL 15	1012.6	ENE	03	-26		0				
15 UNL 15	1010.0	ESE	03	-48		0				
16 UNL 08	1000.9	C	00	-35		3				
17 010 02	991.5	SSE	14	-23	-23	-27	10			
18 UNL 10	998.0	C	00	-24	-24	-30	2			
19 UNL 15	1008.6	C	00	-20	-20	-25	0			
20 UNL 10	1015.8	N	18	-22	-22	-27	0			
21 UNL 05	1020.1	WNW	22	-26	-26	-32	0			
22 UNL 15	1022.9	E	07	-36		0				
23 UNL 15	1035.5	ESE	07	-27	-27	-33	0			
24 UNL 15	1035.0	C	00	-42		0				
25 020 10	1025.4	ESE	10	-30	-30	-36	10			
26 010 05	1012.6	WNW	06	-18	-18	-23	10			
27 UNL 01	1001.3	WNW	40	-19	-19	-24	0			
28 UNL 15	1008.9	NE	04	-33	-33	-39	0			
29 020 15	1019.4	ESE	07	-25	-25	-31	0			
30 UNL 10	1019.8	NNE	05	-16	-16	-21	5			
31 UNL 15	1023.8	ESE	06	-40		0				
AVG	1016.2		07	-35		03				

EUREKA NMT
JANUARY 1961 0700 EST

01 UNL 15	1020.3	ESE	06	-42		0				
02 UNL 15	1022.4	ESE	02	-43		10				
03 UNL 15	1025.4	C	00	-38		4				
04 UNL 15	1025.2	C	00	-38		0				
05 UNL 15	1027.0	E	02	-42		0				
06 UNL 15	1023.8	C	00	-46		0				
07 UNL 15	1021.2	C	00	-47		0				
08 090 15	1019.6	C	00	-35		8				
09 090 15	1019.2	NW	04	-35		7				
10 010 15	1018.0	C	00	-34		10				
11 UNL 15	1006.7	ESE	05	-49		0				
12 UNL 15	1003.8	ENE	07	-53		0				
13 UNL 15	1010.6	C	00	-50		0				
14 UNL 15	1013.1	ENE	03	-47		0				
15 030 10	1008.6	C	00	-42		10				
16 UNL 08	999.5	ESE	04	-46		0				
17 010 05	991.6	SE	12	-23	-23	-27	10			
18 020 10	995.4	C	00	-26	-26	-30	6			
19 UNL 15	1009.9	WNW	17	-21	-21	-26	0			
20 UNL 10	1016.0	N	26	-26	-27	-34	0			
21 070 10	1020.0	CNW	20	-23	-23	-29	8			
22 UNL 15	1023.1	E	07	-36		0				
23 UNL 15	1035.9	NNE	06	-30	-30	-36	0			
24 UNL 15	1031.0	C	00	-41		0				
25 020 10	1024.8	ESE	11	-28	-28	-34	10			
26 010 05	1009.9	E	05	-18	-18	-22	10			
27 UNL 01	1001.6	WNW	36	-21	-21	-26	0			
28 UNL 15	1009.7	NE	03	-37		0				
29 UNL 15	1020.1	SE	09	-24	-24	-32	2			
30 UNL 10	1021.3	N	17	-24	-24	-30	0			
31 UNL 15	1023.4	SE	04	-43		0				
AVG	1016.2		07	-36		03				

EUREKA NMT
JANUARY 1961 1000 EST

01 UNL 15	1020.3	ESE	02	-42		0				
02 UNL 15	1022.3	SE	03	-42		0				
03 UNL 15	1025.5	ESE	06	-34		7				
04 UNL 15	1025.2	C	00	-36		6				
05 UNL 15	1027.1	C	00	-43		0				
06 UNL 15	1023.4	C	00	-46		0				
07 UNL 15	1021.1	C	00	-46		0				
08 UNL 15	1019.9	C	00	-35		3				
09 090 15	1019.0	E	04	-34		8				
10 010 15	1016.6	C	00	-34		10				
11 UNL 15	1004.4	ESE	06	-50		8				
12 UNL 15	1006.1	ESE	04	-54		0				
13 UNL 15	1010.3	E	06	-50		0				
14 UNL 15	1012.9	ESE	04	-47		0				
15 030 10	1006.7	C	00	-39		10				
16 UNL 05	997.6	E	03	-48		0				
17 010 05	991.8	SE	13	-23	-23	-27	10			
18 050 10	1002.2	ESE	07	-27	-27	-33	6			
19 UNL 10	1011.0	W	16	-21	-21	-26	0			
20 UNL 10	1016.6	SW	19	-29	-29	-35	0			
21 070 05	1018.7	NW	20	-25	-25	-31	7			
22 UNL 15	1024.2	ESE	02	-33		0				
23 UNL 15	1035.9	NE	06	-34	-34	-40	0			
24 UNL 15	1029.0	E	03	-42		0				
25 020 15	1023.6	ESE	10	-29	-29	-35	9			
26 010 05	1007.6	SE	10	-19	-19	-23	10			
27 UNL 00 1/4BS	1001.5	W	33	-19	-19	-24	0			
28 UNL 10	1011.8	C	00	-39		0				
29 030 05	1020.2	E	06	-26	-26	-34	0			
30 UNL 15	1022.7	NW	06	-29	-29	-37	0			
31 UNL 15	1022.8	ESE	06	-44		0				
AVG	1016.1		06	-36		03				

EUREKA NMT
JANUARY 1961 1300 EST

01 UNL 15	1020.8	ESE	03	-42		0				
02 UNL 15	1022.4	ESE	04	-42		0				
03 UNL 15	1025.9	C	00	-33		7				
04 UNL 15	1025.6	C	00	-33		6				
05 UNL 15	1027.3	C	00	-45		0				
06 UNL 15	1023.0	C	00	-46		0				
07 UNL 15	1020.8	C	00	-46		0				
08 UNL 15	1019.6	NW	06	-35		3				
09 090 15	1018.9	NE	05	-38		7				
10 010 15	1015.1	E	07	-38		10				
11 UNL 15	1002.7	E	03	-51		4				
12 UNL 15	1007.3	E	03	-54		0				
13 UNL 15	1010.2	ESE	04	-49		0				
14 UNL 15	1012.1	ESE	02	-47		10				
15 030 10	1005.2	C	00	-37		10				
16 090 15	995.3	ESE	05	-44		6				
17 010 05	992.4	SE	16	-23	-23	-29	10			
18 050 10	1003.4	E	05	-25	-25	-31	10			
19 UNL 10	1012.3	NW	18	-22	-22	-29	4			
20 UNL 10	1018.0	N	08	-27	-27	-33	0			
21 UNL 15	1028.9	N	08	-27	-27	-33	2			
22 UNL 15	1026.6	ESE	15	-39		0				
23 UNL 15	1035.8	ESE	02	-34	-34	-40	0			
24 UNL 15	1027.9	SE	04	-41		0				
25 020 10	1022.5	ESE	10	-29	-29					

SYNOPTIC OBSERVATIONS

EUREKA

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 (height)
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EUREKA NMT
FEBRUARY 1961 0100 EST

01 090 15			1019.8 E	05	-36	7				
02 010 10			1015.1 SE	16	-20	-20	-24	8		
03 010 04	S-BS		1006.7 SE	24	05	-05	-09	10		
04 020 10	S-		1004.2 NW	03	-12	-12	-16	10		
05 UNL 15	IC		1009.1 C	00	-23	-23	-31	4		
06 010 01	BS		1009.2 SE	24	-23	-23	-31	10		
07 UNL 15	S-		1019.0 E	11	-43	0	0	0		
08 UNL 15	S-		1018.9 ESE	11	-31	-31	-37	2		
09 010 07	S-		1014.8 C	00	-28	0	0	10		
10 030 08	S-		1008.7 NW	10	-20	-20	-27	8		
11 UNL 15			1016.4 E	06	-37	0	0	0		
12 UNL 15			1020.8 SE	05	-51	0	0	0		
13 030 08	IC		1015.3 E	02	-40	0	0	7		
14 UNL 15			1010.1 E	04	-32	0	0	0		
15 UNL 08	S-		1006.0 E	11	-36	5	5	5		
16 010 04	S-		1008.5 E	07	-32	20	20	20		
17 UNL 15			1013.0 ESE	06	-46	0	0	0		
18 UNL 15			1016.2 NE	04	-37	0	0	0		
19 UNL 15	IC		1005.3 E	02	-50	0	0	0		
20 UNL 15			1007.0 E	06	-45	0	0	0		
21 UNL 15			1014.5 ESE	02	-51	0	0	0		
22 UNL 15			1009.9 ESE	03	-48	0	0	0		
23 UNL 15			1002.1 E	08	-45	0	0	0		
24 UNL 15			1002.6 SE	18	-36	0	0	0		
25 UNL 15			1010.4 SE	08	-36	6	6	6		
26 UNL 15			1010.4 E	07	-33	-33	-37	2		
27 UNL 15			1011.7 C	00	-47	0	0	0		
28 UNL 15			1014.7 E	02	-44	2	2	2		

AVG 1011.3 08 -36 03

EUREKA NMT
FEBRUARY 1961 0400 EST

01 090 15			1018.9 ESE	06	-36	7				
02 010 10			1014.8 SE	14	-20	-20	-25	8		
03 010 04	S-BS		1006.0 SE	32	05	-05	-09	10		
04 020 10	S-		1005.2 N	03	-13	-13	-17	10		
05 UNL 15	IC		1010.1 E	05	-25	-25	-31	4		
06 010 05	BS		1010.4 ESE	14	-23	-23	-31	10		
07 UNL 15			1019.5 E	12	-40	0	0	0		
08 UNL 15	IC		1020.3 ESE	10	-33	-33	-42	2		
09 010 05	S-		1015.3 SW	03	-26	-26	-36	10		
10 UNL 10	S-		1009.4 MNW	05	-21	-21	-28	5		
11 UNL 15	IC		1018.1 SE	03	-41	0	0	0		
12 UNL 15			1020.8 E	05	-32	0	0	0		
13 030 08	IC		1014.3 W	10	-37	0	0	7		
14 030 15			1009.3 E	06	-46	0	0	10		
15 UNL 15			1008.5 NE	11	-41	0	0	0		
16 UNL 15			1006.4 NE	02	-34	4	4	4		
17 030 15			1014.3 E	04	-37	10	10	10		
18 UNL 15			1015.7 ESE	02	-39	3	3	3		
19 UNL 15	-IC		1009.3 E	02	-49	0	0	0		
20 UNL 15			1007.8 ESE	02	-48	0	0	0		
21 UNL 15			1014.9 E	03	-43	0	0	0		
22 090 15			1008.7 SE	02	-48	10	10	10		
23 UNL 15			1001.9 ESE	02	-49	0	0	0		
24 UNL 15			1004.5 SE	10	-36	3	3	3		
25 UNL 10			1006.9 SE	18	-23	0	0	0		
26 UNL 15			1011.0 E	01	-38	0	0	0		
27 UNL 15			1012.1 SE	02	-48	0	0	0		
28 UNL 15			1015.0 SE	01	-44	2	2	2		

AVG 1011.6 07 -36 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 (height)
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EUREKA NMT
FEBRUARY 1961 0700 EST

01 090 15			1018.6 SE	08	-28	-28	-34	10		
02 010 10			1014.2 SE	17	-18	-18	-23	7		
03 010 10	S-		1005.3 SSE	12	-01	-01	-05	10		
04 010 10	S-		1006.1 MNW	03	-13	-13	-18	10		
05 UNL 15			1010.6 ESE	05	-29	-29	-35	0		
06 UNL 15			1012.2 ESE	10	-30	-31	-39	0		
07 090 15			1018.8 E	13	-36	-31	-39	9		
08 UNL 15	IC		1020.6 ESE	13	-37	2	2	2		
09 010 05	S-		1013.5 C	00	-24	-24	-32	10		
10 UNL 10	S-		1010.4 MNW	13	-21	-21	-30	3		
11 UNL 15	IC		1019.6 ESE	05	-44	0	0	0		
12 UNL 15			1020.0 ESE	06	-52	0	0	0		
13 030 08	IC		1013.0 E	04	-39	8	8	8		
14 030 10	IC		1008.1 E	10	-43	10	10	10		
15 UNL 15			1009.9 E	03	-44	0	0	0		
16 030 15			1006.3 E	02	-35	6	6	6		
17 010 08	S-		1014.9 ESE	09	-36	10	10	10		
18 UNL 15			1014.6 ESE	03	-42	3	3	3		
19 UNL 15			1009.1 ESE	08	-50	0	0	0		
20 UNL 15	IC		1008.8 ESE	04	-49	0	0	0		
21 UNL 15			1014.7 ESE	04	-52	0	0	0		
22 UNL 15			1007.3 ESE	05	-48	2	2	2		
23 UNL 15			1001.6 E	05	-49	0	0	0		
24 UNL 10			1006.3 SE	18	-30	0	0	0		
25 UNL 10			1017.7 ESE	14	-38	0	0	0		
26 UNL 10			1011.3 C	00	-43	0	0	0		
27 UNL 15			1012.1 SE	02	-46	4	4	4		
28 UNL 15			1015.0 C	00	-44	3	3	3		

AVG 1011.7 07 -36 04

EUREKA NMT
FEBRUARY 1961 1000 EST

01 050 10			1017.7 SE	12	-26	-26	-32	10		
02 UNL 05	BS		1014.0 SE	18	-25	-25	-31	3		
03 010 10	S-		1004.0 SE	17	-02	-02	-07	10		
04 010 10	S-		1006.1 NE	05	-14	-14	-20	10		
05 UNL 15			1010.4 SE	14	-27	-27	-35	0		
06 UNL 15			1013.6 E	07	-34	-34	-40	0		
07 090 15			1018.4 ESE	12	-34	10	10	10		
08 UNL 15			1020.6 ESE	13	-36	0	0	0		
09 010 04	S-		1012.4 C	00	-21	-21	-26	10		
10 UNL 15	S-		1011.2 ESE	07	-29	-29	-35	2		
11 UNL 15			1020.5 SE	04	-46	0	0	0		
12 010 10			1019.3 SE	04	-48	0	0	0		
13 050 08	S-		1011.3 ENE	05	-39	10	10	10		
14 010 04	F		1007.0 SE	03	-38	10	10	10		
15 UNL 15			1010.4 ESE	09	-45	8	8	8		
16 020 15			1006.5 ESE	03	-35	8	8	8		
17 010 04	S-F		1015.6 ESE	05	-31	10	10	10		
18 UNL 15			1012.9 ESE	06	-41	3	3	3		
19 UNL 15			1004.5 C	00	-48	0	0	0		
20 UNL 15			1009.9 ESE	06	-32	0	0	0		
21 UNL 15			1014.2 E	06	-32	0	0	0		
22 UNL 15			1005.7 ESE	05	-47	0	0	0		
23 UNL 15			1001.5 C	00	-48	0	0	0		
24 UNL 10			1007.9 SE	16	-28	3	3	3		
25 020 10			1007.7 E	13	-25	1	1	1		
26 UNL 10			1021.3 ESE	04	-41	10	10	10		
27 030 10			1012.3 C	00	-43	10	10	10		
28 020 10	S-		1015.1 ESE	04	-43	10	10	10		

AVG 1011.5 07 -36 05

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 (height)
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EUREKA NMT
FEBRUARY 1961 1300 EST

01 UNL 10			1017.6 SE	15	-28	-28	-34	5		
02 030 10			1013.4 SE	11	-14	-14	-19	9		
03 030 15			1003.1 S	14	-03	-03	-08	10		
04 005 10	S-		1007.4 ESE	05	-14	-14	-20	10		
05 UNL 15			1010.3 SE	18	-27	-27	-33	4		
06 UNL 15			1015.1 NNE	03	-38	0	0	0		
07 010 04	F		1017.9 SE	14	-31	4	4	4		
08 UNL 15			1021.0 ENE	07	-38	10	10	10		
09 010 04	S-		1011.0 ESE	04	-20	-20	-24	10		
10 UNL 15			1011.7 MNW	08	-25	-25	-31	6		
11 UNL 15			1020.7 SE	06	-48	0	0	0		
12 010 10			1018.3 ESE	04	-46	10	10	10		
13 UNL 06	F		1009.8 ENE	02	-42	3	3	3		
14 010 10			1005.0 C	00	-34	10	10	10		
15 010 04	S-		1010.1 ESE	09	-42	10	10	10		
16 UNL 15			1006.8 SE	03	-41	3	3	3		
17 010 04	S-F		1016.2 C	00	-30	10	10	10		
18 UNL 15			1010.4 C	00	-44	2	2	2		
19 UNL 15			1003.7 E	08	-48	0	0	0		
20 UNL 15			1010.6 C	00	-50	0	0	0		
21 UNL 15			1013.6 NE	06	-47	0	0	0		
22 020 04	F		1003.6 ESE	04	-43	10	10	10		
23 UNL 15			1001.3 C	00	-51	0	0	0		
24 015 10			1012.9 SE	20	-27	6	6	6		
25 020 10			1008.4 SE	15	-24	10	10	10		
26 UNL 10			1010.8 C	00	-47	0	0	0		
27 020 10			1012.7 C	00	-41	6	6	6		
28 020 10										

SYNOPTIC OBSERVATIONS

EUREKA

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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EUREKA NWT
MARCH 1961 0100 EST

01 020 10	S-	1012.9	ESE 05	-46	6		
02 020 10	IC	1007.4	SE 05	-48	10		
03 010 10	IC	1012.8	ESE 08	-53	3		
04 020 10		1018.6	SE 03	-42	6		
05 010 10		1022.2	N 10	-28	10		
06 040 15		1025.9	NW 15	-24	30	6	
07 040 15		1029.3	NW 12	-19	24	0	
08 040 15		1018.6	ESE 03	-41	0		
09 040 15		1018.0	ESE 05	-46	0		
10 040 15		1019.8	ESE 04	-53	0		
11 040 15	IC	1024.9	ESE 07	-54	0		
12 040 15		1027.1	ESE 02	-38	0		
13 040 15		1027.4	ESE 06	-54	0		
14 040 15		1027.8	C 00	-47	6		
15 010 04	S-	1017.9	ESE 11	-38	6		
16 040 15		1025.1	ESE 07	-51	0		
17 040 15		1028.9	ESE 05	-52	0		
18 010 15		1014.3	W 12	-24	10		
19 020 10		1009.0	NW 27	-16	-21	6	
20 020 15		1016.2	ENE 03	-29	-35	6	
21 040 15		1016.3	ENE 04	-34	-44	0	
22 040 15		1019.4	E 05	-37	0		
23 020 15		1022.7	ESE 01	-35	7		
24 040 15		1026.5	NE 03	-33	-34	-42	0
25 040 15		1029.7	C 00	-42	0		
26 040 15		1032.6	ESE 06	-43	0		
27 040 15		1032.3	ESE 00	-44	0		
28 040 15		1034.8	ESE 03	-44	0		
29 040 15		1026.1	E 03	-42	0		
30 040 15		1030.6	C 00	-45	0		
31 040 15		1039.2	C 00	-45	0		
AVG		1022.8	06	-41	03		

EUREKA NWT
MARCH 1961 0400 EST

01 030 15	IC	1012.3	E 01	-47	6	
02 040 10	IC	1008.0	E 08	-52	0	
03 040 10	IC	1012.7	C 00	-51	2	
04 020 10		1019.6	E 03	-45	6	
05 010 10		1023.1	E 00	-26	10	
06 040 15		1022.6	NW 16	-20	-25	0
07 040 15		1024.3	NW 06	-19	-24	0
08 040 15		1017.3	C 00	-41	0	
09 040 15		1019.0	E 06	-46	0	
10 040 15		1019.6	ESE 04	-49	0	
11 040 15	IC	1019.6	E 00	-52	0	
12 040 15		1027.0	C 00	-57	0	
13 040 15		1028.3	C 00	-57	0	
14 040 15		1027.8	ESE 06	-45	8	
15 010 04	S-	1018.3	ESE 13	-39	10	
16 040 15		1027.3	E 06	-48	0	
17 040 15		1028.0	E 00	-52	0	
18 010 15		1013.9	NW 14	-24	10	
19 020 10		1010.2	NW 21	-16	-21	6
20 020 15		1013.4	NNE 15	-27	-33	7
21 080 15		1016.9	C 00	-33	-39	8
22 040 15		1020.6	ESE 04	-39	-40	0
23 030 15		1023.5	E 04	-33	-39	8
24 040 15		1026.9	E 13	-34	-44	0
25 040 15		1029.8	C 00	-45	0	
26 040 15		1032.8	E 03	-44	0	
27 040 15		1032.9	SE 04	-44	0	
28 040 15		1032.3	C 00	-44	0	
29 040 15		1025.8	E 05	-42	0	
30 040 15		1032.3	C 00	-46	0	
31 040 15		1039.6	ESE 04	-45	0	
AVG		1023.0	05	-41	03	

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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EUREKA NWT
MARCH 1961 0700 EST

01 020 10	IC	1011.0	ESE 05	-45	6		
02 040 15		1009.5	ESE 10	-48	0		
03 040 15		1012.7	C 00	-52	1		
04 030 10		1019.9	E 02	-41	6		
05 040 15		1024.3	N 10	-26	10		
06 040 15		1022.0	NW 14	-14	-16	-22	0
07 040 15		1024.8	E 05	-21	-21	-26	0
08 040 15		1016.7	SE 10	-45	0		
09 040 15		1019.6	C 00	-48	3		
10 040 15		1019.8	ESE 06	-54	0		
11 040 15		1026.6	ESE 06	-55	0		
12 040 15		1027.2	ESE 03	-37	0		
13 040 15		1029.1	C 00	-58	0		
14 120 15		1026.9	E 03	-43	10		
15 040 15		1019.6	E 06	-43	6		
16 040 15		1028.2	ESE 06	-46	4		
17 040 15		1026.9	C 00	-53	0		
18 040 15		1012.8	NW 12	-26	2		
19 010 04	BS	1012.4	NW 30	-17	-17	-21	10
20 030 15		1012.9	E 05	-26	-32	6	
21 040 15		1016.8	E 02	-33	-39	3	
22 040 15		1020.9	C 00	-39	0		
23 030 10		1024.9	NE 03	-31	-31	-37	8
24 040 15		1027.5	NE 12	-34	-44	0	
25 040 15		1030.6	ESE 08	-47	0		
26 040 15		1032.6	E 03	-44	0		
27 040 15		1033.6	ESE 04	-44	0		
28 040 15		1033.8	ESE 03	-44	0		
29 040 15		1026.0	SE 07	-43	0		
30 040 15		1033.6	ESE 09	-46	0		
31 040 15		1039.9	ESE 05	-46	0		
AVG		1029.3	06	-38	02		

EUREKA NWT
MARCH 1961 1000 EST

01 020 10	IC	1009.5	C 00	-45	10	
02 040 15		1010.3	E 05	-55	0	
03 040 15		1013.0	C 00	-49	0	
04 040 15		1020.7	C 00	-42	2	
05 040 15		1024.4	N 12	-26	10	
06 040 15		1021.7	NW 12	-19	-26	0
07 040 15		1024.5	E 02	-29	-45	0
08 040 15		1016.1	ESE 06	-41	3	
09 040 15		1020.0	ESE 04	-49	0	
10 040 15		1019.3	E 00	-53	0	
11 040 15		1026.6	ESE 04	-54	0	
12 040 15		1026.6	ESE 04	-55	5	
13 040 15		1029.1	SE 03	-59	5	
14 040 15		1026.2	E 03	-44	10	
15 040 15		1019.1	NE 06	-44	0	
16 040 15		1028.8	ESE 07	-46	7	
17 040 15		1024.0	SE 03	-50	0	
18 040 15		1010.5	NW 25	-22	2	
19 010 15		1014.8	E 02	-15	-23	10
20 080 15		1013.3	E 06	-28	-39	6
21 040 15		1016.6	SE 02	-31	-40	0
22 040 15		1021.0	SE 02	-37	-40	0
23 040 15		1025.0	N 06	-27	-38	3
24 040 15		1027.3	NE 07	-34	-44	0
25 040 15		1030.8	ESE 03	-43	0	
26 040 15		1032.3	E 05	-41	0	
27 040 15		1035.7	ESE 02	-39	0	
28 040 15		1035.2	ESE 04	-42	0	
29 040 15		1025.6	ESE 08	-40	0	
30 040 15		1034.6	E 02	-43	0	
31 040 15		1039.0	ESE 05	-42	0	
AVG		1029.1	05	-39	02	

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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EUREKA NWT
MARCH 1961 1300 EST

01 020 10	IC	1008.3	C 00	-45	10		
02 040 15		1010.8	SE 10	-52	0		
03 010 04	IF	1013.6	C 00	-45	6		
04 040 10		1020.9	C 00	-42	2		
05 030 15		1024.7	W 05	-19	-19	-26	10
06 040 15		1022.1	NW 12	-19	-19	-29	0
07 040 15		1023.8	ESE 10	-34	-34	-48	0
08 040 15		1015.8	ESE 06	-43	3		
09 040 15		1019.9	ESE 05	-49	3		
10 040 15		1020.5	ESE 04	-52	0		
11 040 15		1026.6	ESE 02	-54	0		
12 040 15		1026.7	ESE 05	-54	5		
13 040 15		1029.3	SE 03	-58	5		
14 200 15		1024.1	E 00	-43	10		
15 040 15		1018.6	ESE 04	-45	5		
16 200 15		1029.4	E 02	-43	10		
17 040 15		1020.7	E 02	-46	0		
18 200 00	1/ABS	1009.9	NW 33	-18	7		
19 030 15		1016.9	NW 07	-15	-16	-23	10
20 040 15		1012.3	ESE 06	-26	-26	-36	1
21 040 15		1016.8	SE 02	-30	-30	-42	0
22 040 15	IC	1020.6	ESE 04	-34	-34	-40	0
23 040 15		1025.4	SE 03	-27	-27	-38	0
24 040 15		1027.6	NE 05	-30	-31	-42	0
25 040 15		1031.4	ESE 04	-41	0		
26 040 15		1031.9	SE 02	-39	0		
27 040 15		1034.2	ESE 03	-39	0		
28 040 15		1034.8	ESE 06	-38	0		
29 040 15		1026.3	ESE 06	-38	0		
30 040 15		1035.6	E 04	-42	0		
31 040 15		1038.0	SE 03	-39	0		
AVG		1029.0	05	-39	03		

EUREKA NWT
MARCH 1961 1600 EST

01 020 10	IC	1007.6	ESE 07	-44	10		
02 040 15		1011.9	SE 03	-55	0		
03 010 10		1014.9	C 00	-45	6		
04 010 04	F	1021.1	ESE 10	-40	10		
05 030 15		1023.3	E 03	-24	-24	-34	10
06 040 15		1022.0	NW 11	-16	-17	-25	0
07 040 15		1023.3	ESE 10	-33	-33	-46	0
08 040 15		1016.4	ESE 04	-42	3		
09 040 15		1019.8	E 01	-49	0		
10 040 15		1021.6	E 03	-40	0		
11 040 15		1026.9	ESE 02	-54	0		
12 040 15		1026.7	ESE 05	-53	5		
13 040 15		1029.1	SE 04	-56	5		
14 120 10		1022.1	ESE 05	-43	10		
15 040 15		1018.8	SE 04	-43	3		
16 040 15		1029.8	E 03	-40	3		
17 040 15		1017.9	S 01	-41	1		
18 200 10		1008.9	N 20	-16	-16	-24	10
19 030 15		1018.8	N 09	-16	-16	-24	10
20 040 15		1013.3	E 08	-28	-28	-39	0
21 040 15		1017.5	E 03	-29	-29	-40	0
22 020 10		1020.4	ESE 07	-32	-32	-40	10
23 040 15	IC	1025.3	E 06	-26	-26	-34	0
24 040 15		1026.2	SE 02	-32	-32	-45	0
25 040 15		1031.0	ESE 05	-39	0		
26 040 15		1031.7	E 00	-36	0		
27 040 15		1034.9	ESE 05	-37	0		
28 040 15		1035.8	ESE 04	-38	0		
29 040 15		1027.5	ESE 06	-36	2		
30 040 15		1036.7	SE 05	-39	0		
31 040 15		1037.4	SE 03	-36	0		
AVG		1023.1					

SYNOPTIC OBSERVATIONS

EUREKA

Date	Clouds (100's A)	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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EUREKA NMT
APRIL 1961 0100 EST

01 UNL 15				1034.3	NE	03	-43		0	
02 UNL 15				1029.1	E	03	-43		0	
03 005 03	S-F			1014.2	ESE	01	-23		10	
04 005 04	S			1012.9	NE	04	-19	-19	-26	10
05 UNL 15				1020.5	SE	20	-27	-27	-35	9
06 UNL 15				1032.0	ESE	03	-39		0	
07 UNL 15				1032.5	ESE	03	-42		0	
08 UNL 15				1021.2	ESE	01	-37		0	
09 005 00	1/25-F			1017.6	ESE	03	-18	-15	-20	10
10 UNL 15				1031.8	ESE	03	-21	-21	-28	2
11 UNL 15				1035.2	ESE	04	-31	-31	-37	0
12 UNL 15				1029.5	E	02	-32	-32	-41	0
13 UNL 15				1021.3	ESE	06	-31	-31	-37	0
14 UNL 15				1032.0	ESE	04	-33	-33	-42	0
15 UNL 15				1029.7	ESE	03	-27	-27	-38	0
16 UNL 15				1026.5	SE	14	-12	-12	-19	2
17 005 01	S-F			1027.5	NE	03	-17	-17	-23	10
18 020 10				1018.9	SE	20	12	12	10	10
19 030 15				1024.6	S	22	16	16	14	10
20 UNL 15				1028.1	NE	06	04	04	-01	3
21 UNL 15				1022.8	E	02	-05	-05	-11	0
22 UNL 15				1021.0	E	08	-07	-07	-14	0
23 UNL 15				1018.2	E	03	-08	-08	-15	0
24 010 03	S			1021.0	NE	10	07	07	03	10
25 UNL 10				1016.7	ESE	17	05	05	00	3
26 020 15				1024.8	NNE	03	-04	-04	-09	6
27 UNL 15				1029.6	ENE	04	-08	-08	-16	0
28 010 10				1019.9	SE	20	08	08	01	6
29 030 06	S			1021.3	NE	04	05	05	00	10
30 020 10				1021.0	C	00	04	04	-02	10

AVG 1024.1 07 -15 -16 -21 04

EUREKA NMT
APRIL 1961 0400 EST

01 UNL 15				1033.9	NE	02	-44		0	
02 UNL 15				1027.7	C	00	-49		0	
03 UNL 15	S-F			1013.9	ESE	05	-26	-26	-34	3
04 005 02	S-F			1012.2	ESE	08	-17	-17	-23	10
05 UNL 15				1022.6	ESE	15	-30	-30	-39	0
06 UNL 15				1033.1	E	01	-40	-40	-45	0
07 UNL 15				1031.7	C	00	-42		0	
08 UNL 15				1020.4	ESE	04	-40		3	
09 005 01	S-F			1018.2	E	03	-14	-14	-20	10
10 UNL 15				1034.0	N	02	-24	-24	-34	0
11 UNL 15				1034.8	E	03	-33	-33	-42	0
12 UNL 15				1027.8	E	03	-35	-35	-41	0
13 UNL 15				1022.3	E	04	-33	-33	-42	0
14 UNL 15				1032.4	E	02	-34	-34	-44	2
15 UNL 15				1028.6	E	02	-31	-31	-43	0
16 UNL 15				1027.9	ESE	15	-14	-14	-20	2
17 005 02	S-F			1023.8	E	06	-13	-13	-18	10
18 010 00	1/8SS			1016.8	SSE	42	13	13	11	10
19 020 10				1026.0	SE	12	16	16	14	10
20 UNL 15				1028.0	NE	02	-02	-02	-03	2
21 UNL 15				1022.0	ESE	03	-08	-08	-14	0
22 UNL 15				1021.8	ESE	02	-09	-09	-15	0
23 UNL 15				1017.2	ESE	06	-12	-12	-20	9
24 080 08				1007.8	SE	10	09	09	05	9
25 UNL 15				1018.3	ESE	13	02	01	-05	1
26 020 15				1025.9	WNW	03	-02	-03	-12	9
27 UNL 15				1029.2	E	03	-07	-08	-16	0
28 UNL 15				1021.7	NNE	04	03	03	00	0
29 030 06	S			1021.2	C	00	06	06	01	10
30 015 10				1020.9	NE	02	04	04	-02	10

AVG 1024.1 06 -17 -17 -24 04

Date	Clouds (100's A)	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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EUREKA NMT
APRIL 1961 0700 EST

01 UNL 15				1032.9	E	07	-42		6	
02 UNL 15				1025.8	C	00	-43		0	
03 UNL 15				1013.9	E	06	-30	-30	-36	3
04 010 01	S-F			1011.1	E	03	-15	-15	-21	10
05 UNL 15				1024.0	E	05	-30	-31	-42	3
06 UNL 15				1033.9	E	00	-39		0	
07 UNL 15				1030.0	E	04	-41		0	
08 020 15				1020.4	ESE	03	-35		8	
09 005 01	S-F			1018.7	ESE	09	-11	-11	-16	10
10 UNL 05	S-F			1035.7	ESE	02	-23	-23	-33	4
11 UNL 15				1034.5	ESE	03	-30	-30	-42	0
12 UNL 15				1026.2	ESE	04	-33	-33	-42	0
13 UNL 15				1023.8	ESE	04	-32	-32	-41	0
14 UNL 15				1032.5	ESE	04	-30	-30	-42	2
15 UNL 15				1027.6	E	04	-28	-28	-36	0
16 UNL 15				1029.1	ESE	18	-15	-15	-21	2
17 015 05	S			1024.1	SE	02	-09	-09	-14	10
18 020 00	BS			1016.5	S	53	15	15	13	10
19 030 15				1026.7	SE	16	16	16	13	10
20 UNL 15				1027.7	N	04	-01	-01	-07	2
21 UNL 15				1021.4	NE	01	-03	-04	-08	0
22 UNL 15				1022.2	E	08	-07	-07	-13	0
23 200 15	S			1018.9	E	05	-06	-07	-13	10
24 080 15				1008.8	ESE	12	13	12	09	7
25 UNL 10				1019.5	ESE	14	03	03	-02	2
26 020 15				1027.4	WNW	11	-03	-03	-09	8
27 UNL 15				1028.3	E	08	-04	-04	-10	1
28 UNL 15				1022.9	C	00	05	05	-03	9
29 030 10	S			1021.5	WNW	06	03	03	02	10
30 020 10				1020.5	W	02	02	02	-05	10

AVG 1024.2 08 -15 -15 -21 04

EUREKA NMT
APRIL 1961 1000 EST

01 UNL 15				1032.4	SE	06	-41		2	
02 UNL 15				1023.8	ESE	07	-41		5	
03 UNL 15				1014.1	ESE	04	-25	-25	-31	10
04 010 04	S			1011.9	E	07	-14	-14	-18	10
05 UNL 15				1023.4	E	08	-27	-27	-35	0
06 UNL 15				1034.4	SE	04	-34	-34	-40	0
07 UNL 15				1028.2	SE	04	-37		0	
08 UNL 15				1020.5	E	04	-30	-30	-36	0
09 120 15				1020.3	ESE	12	-13	-13	-18	7
10 UNL 15				1036.6	ESE	05	-23	-23	-29	0
11 UNL 15				1034.2	ESE	07	-30	-30	-39	0
12 UNL 15				1024.3	SE	03	-30	-30	-39	0
13 UNL 15				1025.7	E	05	-25	-25	-33	0
14 UNL 15				1032.5	ESE	04	-25	-25	-31	0
15 UNL 15				1026.1	ESE	05	-24	-24	-34	3
16 UNL 15				1030.3	SE	13	-11	-11	-16	0
17 005 02	S-F			1022.2	ESE	06	01	01	-02	10
18 000 00	1/4BS			1017.4	S	45	15	15	13	10
19 UNL 10				1027.6	S	15	18	18	16	4
20 UNL 15				1027.2	C	00	03	02	-03	1
21 UNL 15				1020.2	E	03	-01	-01	-06	0
22 UNL 15				1022.0	SE	03	-03	-03	-09	0
23 UNL 15				1013.9	SE	06	-04	-04	-11	9
24 080 15				1009.5	SE	16	15	15	11	8
25 UNL 15				1020.6	ESE	13	06	06	01	1
26 UNL 15				1028.6	WNW	04	-03	-03	-09	2
27 UNL 15				1026.4	SE	05	-01	-02	-09	2
28 UNL 15				1023.1	SE	02	06	06	00	2
29 030 10				1021.2	WNW	10	05	04	00	10
30 020 10				1019.8	N	10	05	05	00	10

AVG 1024.0 08 -12 -12 -18 04

Date	Clouds (100's A)	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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EUREKA NMT
APRIL 1961 1300 EST

01 UNL 15				1031.8	E	05	-37		0	
02 UNL 15				1021.3	ESE	05	-36		0	
03 020 04	S-F			1013.6	ESE	03	-22	-22	-27	10
04 010 04				1012.5	C	00	-12	-12	-16	10
05 UNL 15				1026.8	ESE	07	-30	-30	-39	0
06 UNL 15				1034.3	ESE	03	-32	-32	-38	0
07 UNL 15				1026.6	ESE	04	-33	-33	-39	0
08 020 15				1019.6	SE	04	-25	-25	-33	10
09 090 10	S			1021.3	ESE	10	-11	-11	-16	8
10 UNL 15				1036.8	C	00	-21	-21	-26	0
11 UNL 15				1033.3	E	04	-25	-25	-33	0
12 UNL 15				1022.3	E	04	-25	-25	-33	0
13 UNL 15				1026.9	ESE	04	-24	-24	-30	0
14 UNL 15				1032.4	ESE	06	-22	-22	-27	0
15 010 04	S			1025.6	E	06	-13	-13	-17	10
16 UNL 15				1031.3	SE	12	-10	-10	-16	0
17 010 08				1021.0	SE	14	06	06	05	10
18 020 04	BS			1020.2	SE	38	14	14	11	10

SYNOPTIC OBSERVATIONS

EUREKA

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 (tenths)
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EUREKA NMT
MAY 1961 0100 EST

01 UNL 15	1018.4	NNE	06	-05	-05	-12	5			
02 UNL 15	1017.5	NNW	05	-09	-09	-17	0			
03 UNL 10	1018.5	NE	04	-13	-13	-21	0			
04 UNL 15	1018.0	NNE	03	-15	-15	-25	0			
05 UNL 15	1019.8	C	00	-16	-16	-27	0			
06 UNL 15	1023.3	E	03	-16	-16	-25	0			
07 UNL 15	1021.7	E	04	-14	-13	-21	0			
08 UNL 15	1019.0	NE	03	-08	-09	-14	0			
09 UNL 15	1020.7	NNE	06	-07	-07	-16	0			
10 UNL 15	1025.5	ENE	05	-05	-05	-12	0			
11 UNL 15	1023.3	NNE	04	01	01	-04	0			
12 UNL 15	1013.3	E	06	02	01	-03	3			
13 UNL 15	1012.6	NNE	07	05	05	-02	0			
14 UNL 15	1011.6	NE	06	02	01	-04	0			
15 020 10	1015.1	NW	06	12	12	08	10			
16 010 04	1017.4	NNW	15	06	06	01	6			
17 UNL 15	1020.8	NE	03	01	01	-05	0			
18 UNL 15	1018.0	C	00	05	05	00	0			
19 UNL 15	1012.6	W	20	10	09	04	7			
20 010 07	1018.4	N	07	07	06	00	10			
21 UNL 15	1021.5	N	03	07	02	-06	1			
22 015 10	1024.2	SSE	25	13	12	05	10			
23 120 10	1024.7	NE	05	15	15	12	9			
24 UNL 15	1032.5	N	05	09	09	04	0			
25 065 03	1025.6	NNE	06	07	07	01	0			
26 010 03	1014.1	NNW	07	14	13	09	10			
27 035 10	1013.6	NNW	26	14	14	10	6			
28 UNL 15	1011.8	NNW	12	12	12	07	0			
29 UNL 15	1013.2	ESE	05	13	12	06	0			
30 UNL 15	1005.9	E	07	18	17	14	0			
31 UNL 15	1009.5	NNW	10	18	17	13	0			
AVG	1018.1		08	03	02	-04	03			

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 (tenths)
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EUREKA NMT
MAY 1961 0700 EST

01 UNL 15	1018.9	N	05	-05	-05	-12	4			
02 UNL 15	1017.8	ESE	09	-11	-11	-19	0			
03 UNL 15	1018.8	C	00	-11	-10	-11	1			
04 UNL 15	1018.5	E	06	-16	-16	-25	0			
05 UNL 15	1021.3	SE	03	-14	-15	-24	0			
06 UNL 15	1024.2	SE	04	-15	-15	-25	0			
07 UNL 15	1021.0	C	00	-11	-11	-18	0			
08 UNL 15	1020.3	NE	03	-05	-05	-12	0			
09 UNL 15	1022.5	ESE	06	-07	-07	-15	0			
10 UNL 15	1025.9	ENE	08	-05	-06	-12	0			
11 UNL 15	1021.2	NNW	09	04	04	-01	0			
12 UNL 15	1019.0	ESE	08	03	03	-03	3			
13 UNL 15	1019.8	C	00	07	07	03	0			
14 UNL 15	1010.9	ESE	07	01	01	-06	1			
15 010 10	1019.5	W	06	09	09	03	9			
16 010 10	1018.7	ESE	05	05	04	-04	8			
17 UNL 15	1020.8	C	00	05	04	-02	0			
18 UNL 15	1016.8	SE	02	03	02	-08	8			
19 015 10	1014.7	W	12	12	11	07	10			
20 UNL 10	1021.7	NNE	05	06	05	-02	5			
21 015 15	1022.3	E	04	04	03	-05	10			
22 010 00	1023.2	SE	25	14	14	10	10			
23 010 02	1028.5	NNE	15	16	15	11	10			
24 UNL 15	1031.5	ESE	08	06	06	01	0			
25 065 03	1025.5	ENE	07	05	05	01	0			
26 UNL 10	1019.5	NNW	26	15	15	08	3			
27 UNL 15	1013.8	NW	07	15	14	10	3			
28 UNL 15	1012.6	NNW	08	13	13	08	0			
29 UNL 15	1011.7	SE	10	13	15	11	2			
30 UNL 15	1008.8	SE	07	14	13	09	0			
31 UNL 15	1010.9	ESE	04	20	19	15	3			
AVG	1018.6		07	03	02	-03	03			

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 (tenths)
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EUREKA NMT
MAY 1961 1300 EST

01 UNL 15	1018.0	NNW	06	03	03	-03	4			
02 UNL 15	1018.1	ESE	06	-06	-07	-14	6			
03 UNL 15	1018.3	SE	03	-08	-09	-16	0			
04 UNL 15	1018.7	C	00	-08	-08	-16	0			
05 UNL 15	1022.0	NNW	03	-06	-06	-17	0			
06 UNL 15	1023.9	SE	03	-07	-08	-16	0			
07 UNL 15	1019.1	SE	06	-04	-04	-11	0			
08 UNL 15	1020.3	ESE	04	00	00	-06	0			
09 UNL 15	1022.5	SE	03	04	03	-03	0			
10 UNL 15	1025.1	SE	04	04	03	-02	0			
11 UNL 15	1018.2	SE	02	06	06	01	5			
12 UNL 15	1014.4	ESE	09	10	10	06	0			
13 UNL 15	1015.9	C	00	13	13	10	2			
14 120 15	1011.7	C	00	12	12	08	7			
15 015 10	1019.0	W	09	13	13	08	0			
16 UNL 15	1019.4	S	02	12	11	05	0			
17 UNL 15	1019.6	C	00	10	09	03	0			
18 UNL 15	1015.5	SE	12	14	13	09	0			
19 015 10	1015.8	NW	05	15	14	08	9			
20 UNL 10	1011.7	C	00	08	07	04	2			
21 015 10	1023.4	S	10	09	08	02	10			
22 030 03	1023.0	SE	28	18	17	13	5			
23 080 07	1030.8	W	08	18	16	12	8			
24 UNL 15	1029.1	ESE	08	10	10	05	0			
25 035 15	1025.2	SE	03	20	16	9	0			
26 025 07	1017.0	NNW	15	15	14	10	8			
27 UNL 15	1011.8	NNW	15	16	15	11	1			
28 UNL 15	1012.8	ESE	08	18	18	13	0			
29 050 15	1009.0	SE	08	24	23	19	7			
30 UNL 15	1007.3	ESE	08	24	23	19	0			
31 100 15	1010.9	NNW	11	28	27	25	7			
AVG	1018.2		07	09	09	03	03			

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 (tenths)
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EUREKA NMT
MAY 1961 1900 EST

01 UNL 15	1017.4	N	07	-01	-01	-07	3			
02 UNL 15	1018.5	ESE	09	-06	-07	-15	3			
03 UNL 15	1018.0	ESE	05	-05	-06	-13	0			
04 UNL 15	1018.9	NNW	07	-06	-06	-12	0			
05 UNL 15	1022.5	ENE	02	-05	-05	-12	0			
06 UNL 15	1023.2	ESE	05	-04	-04	-10	0			
07 UNL 15	1018.5	SSE	04	-01	-02	-08	0			
08 UNL 15	1021.1	ESE	03	03	04	-01	0			
09 UNL 15	1024.3	C	00	08	07	02	1			
10 UNL 15	1024.5	WSW	03	09	09	04	1			
11 UNL 15	1015.4	SE	10	06	06	01	0			
12 UNL 15	1016.1	E	03	15	15	11	0			
13 UNL 15	1019.5	NNE	06	15	14	11	4			
14 20 15	1019.5	NNW	17	13	13	07	9			
15 UNL 15	1019.9	ESE	06	12	12	07	3			
16 UNL 15	1020.5	SE	02	11	10	06	0			
17 UNL 15	1019.0	ENE	03	12	12	07	0			
18 UNL 15	1012.7	W	25	15	14	11	3			
19 UNL 10	1016.7	NW	07	12	11	06	8			
20 UNL 15	1023.0	W	07	09	08	03	0			
21 030 15	1023.8	SE	15	10	09	05	9			
22 200 01	1021.7	S	30	15	14	09	9			
23 UNL 15	1032.2	NW	10	15	14	09	4			
24 UNL 15	1029.7	ESE	08	12	11	05	2			
25 035 15	1016.7	NNW	20	17	16	12	8			
26 040 10	1010.0	NNW	15	14	12	06	0			
27 UNL 15	1011.8	W	10	17	16	11	0			
28 UNL 15	1013.9	SE	12	19	18	14	0			
29 UNL 15	1007.0	ESE	07	23	22	19	0			
30 UNL 15	1008.7	C	00	28	27	24	0			
31 070 15	1011.6	WSW	07	28	27	23	9			
AVG	1018.1		09	10	09	04	03			

EUREKA NMT
MAY 1961 0400 EST

01 UNL 15	1018.7	N	04	-07	-07	-15	2			
02 UNL 15	1018.5	ENE	03	-15	-15	-25	1			
03 UNL 15	1018.2	E	04	-16	-16	-27	0			
04 UNL 15	1020.8	C	00	-17	-17	-26	0			
05 UNL 15	1023.7	ESE	04	-15	-15	-24	0			
06 UNL 15	1021.5	E	04	-14	-15	-24	0			
07 UNL 15	1019.5	ESE	02	-07	-07	-13	0			
08 UNL 15	1021.2	NE	02	-05	-06	-12	4			
09 UNL 15	1026.0	E	02	-05	-05	-11	0			
10 UNL 15	1022.6	N	10	02	02	-03	0			
11 UNL 15	1012.8	E	08	-02	-02	-08	4</			

SYNOPTIC OBSERVATIONS

EUREKA

Date	Cloud (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 (height)
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Date	Cloud (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 (height)
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Date	Cloud (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 (height)
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Date	Cloud (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 (height)
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EUREKA NWT
JUNE 1961 0100 EST

01 UNL 15	1012.1 SE	05	23	21	17	1
02 040 15	1009.1 SSE	18	22	21	14	8
03 040 15	1003.6 SE	10	26	25	22	8
04 UNL 15	1014.6 W	04	19	18	13	4
05 035 15	1018.0 S	04	22	21	17	0
06 010 07	1003.8 SSE	08	29	24	22	10
07 050 15	1013.0 WSW	17	20	18	12	6
08 UNL 15	1018.0 W	14	15	14	10	0
09 010 10	1015.0 WNW	19	17	16	10	0
10 UNL 15	1018.2 ESE	09	23	21	16	0
11 UNL 15	1019.9 C	00	29	27	25	8
12 050 15	1022.7 C	00	32	28	23	7
13 UNL 15	1018.7 ESE	15	35	32	29	5
14 UNL 15	1013.0 C	00	36	33	28	5
15 010 10	1008.1 W	10	34	32	29	10
16 080 15	1002.2 NW	07	30	28	22	8
17 UNL 15	1004.5 WNW	06	36	33	28	2
18 010 10	1009.3 W	15	34	32	27	9
19 010 10	1003.3 SE	11	35	32	27	10
20 010 06	1000.5 SSE	12	36	35	28	10
21 015 15	1001.4 SE	11	36	35	34	10
22 010 10	1001.1 WNW	08	35	34	33	10
23 010 10	1010.8 WNW	08	36	34	33	10
24 UNL 15	1014.8 WNW	11	37	35	33	5
25 020 10	1012.2 W	12	35	32	32	10
26 045 15	1011.0 W	08	34	33	33	9
27 UNL 15	1020.6 WNW	05	37	35	32	1
28 UNL 15	1006.5 N	08	42	38	33	3
29 040 15	1005.1 SSE	13	37	36	33	8
30 050 15	1003.7 N	06	38	37	33	10

AVG 1010.2 09 31 29 25 07

EUREKA NWT
JUNE 1961 0400 EST

01 UNL 15	1012.8 ESE	08	22	20	16	1
02 025 10	1006.0 SSE	20	22	21	18	10
03 045 15	1004.4 E	07	28	27	25	6
04 035 15	1015.9 W	07	15	14	09	7
05 035 15	1027.6 SE	09	22	21	19	10
06 008 01	1009.6 E	10	26	25	23	10
07 UNL 15	1014.1 WNW	11	37	35	33	4
08 UNL 15	1018.2 W	14	16	15	11	0
09 UNL 15	1015.7 W	10	17	15	10	2
10 UNL 15	1018.9 ESE	05	23	22	17	0
11 UNL 15	1020.3 C	00	28	26	23	8
12 110 15	1022.7 ESE	06	31	28	25	6
13 UNL 15	1017.7 ESE	11	34	31	27	2
14 050 15	1012.7 C	00	35	32	27	8
15 010 10	1007.7 W	07	34	31	28	10
16 030 15	1002.0 N	09	30	27	22	10
17 UNL 15	1004.1 W	14	33	30	27	2
18 035 15	1006.9 WNW	13	34	31	27	9
19 010 06	1002.3 SE	09	36	33	29	10
20 010 10	1006.6 SSE	15	35	32	28	10
21 015 15	1000.5 SE	13	36	35	36	10
22 005 04	1002.5 W	14	35	34	32	10
23 010 06	1012.0 WNW	05	35	34	32	10
24 UNL 15	1014.6 WNW	12	36	35	33	4
25 020 10	1012.4 WNW	04	36	35	32	10
26 045 15	1010.9 W	05	34	33	32	10
27 UNL 15	1010.4 W	10	36	34	31	4
28 UNL 15	1005.9 WNW	05	36	34	31	4
29 050 15	1005.9 SSE	05	35	33	33	8
30 060 15	1003.6 NW	06	39	37	35	10

AVG 1010.4 09 30 28 25 07

EUREKA NWT
JUNE 1961 0700 EST

01 050 15	1012.8 SE	15	23	22	19	7
02 050 15	1006.7 S	30	22	21	18	9
03 040 15	1005.4 W	07	26	25	23	9
04 040 15	1016.4 W	07	20	19	15	9
05 035 15	1017.1 S	11	22	21	18	10
06 008 01	1009.9 S	05	25	24	20	10
07 UNL 15	1015.9 N	11	25	23	19	1
08 UNL 15	1018.0 W	18	17	16	10	0
09 UNL 15	1015.8 WNW	13	20	18	12	0
10 UNL 15	1019.5 ESE	07	25	23	18	0
11 UNL 15	1020.6 C	00	29	27	23	8
12 110 15	1022.3 ESE	08	33	31	28	8
13 200 15	1014.8 ESE	10	34	32	27	6
14 UNL 15	1012.2 WNW	05	33	31	27	10
15 010 10	1006.6 W	13	34	31	28	8
16 030 15	1001.9 N	15	35	33	28	10
17 UNL 15	1004.3 W	16	37	34	31	1
18 200 15	1007.2 W	12	35	32	27	7
19 010 10	1000.2 S	18	36	35	29	10
20 030 10	1001.3 ESE	10	36	34	28	10
21 060 15	999.8 C	00	38	37	35	10
22 010 10	1003.7 W	13	35	34	31	10
23 010 10	1012.3 W	14	34	33	31	10
24 020 10	1014.6 WNW	09	36	35	31	9
25 UNL 15	1012.3 W	03	40	37	32	2
26 045 15	1011.2 W	05	35	34	33	10
27 UNL 15	1009.8 W	15	36	34	31	4
28 UNL 15	1005.1 C	00	36	34	32	7
29 030 15	1005.8 ESE	06	42	39	35	8
30 045 15	1002.8 WNW	09	39	37	36	10

AVG 1010.3 10 31 30 26 07

EUREKA NWT
JUNE 1961 1000 EST

01 UNL 15	1012.7 SE	13	26	25	22	5
02 050 15	1006.0 S	20	23	22	18	8
03 050 05	1007.0 WNW	15	25	24	22	10
04 040 15	1017.0 W	07	21	21	18	10
05 035 15	1025.8 SSE	15	29	22	19	9
06 010 07	1010.3 NW	12	24	23	20	9
07 UNL 15	1016.5 NW	04	28	26	22	0
08 UNL 15	1017.1 W	23	20	19	14	0
09 UNL 15	1015.4 WNW	08	23	21	16	0
10 UNL 15	1019.5 ESE	05	29	26	21	0
11 UNL 15	1020.8 C	00	32	30	26	8
12 100 15	1022.1 ESE	11	35	32	29	10
13 UNL 15	1015.1 ESE	16	34	32	27	8
14 005 03	1011.4 WNW	03	33	31	27	10
15 UNL 15	1005.4 W	13	35	31	26	6
16 UNL 15	1002.9 N	08	37	35	31	10
17 040 15	1004.0 W	20	34	31	27	8
18 UNL 15	1007.3 W	15	36	32	27	5
19 050 15	999.0 S	15	36	35	28	10
20 050 15	1015.1 ESE	06	38	37	35	8
21 010 06	999.3 ESE	06	37	36	34	10
22 040 15	1005.0 WNW	15	36	35	32	8
23 010 10	1012.5 W	18	36	35	33	10
24 020 10	1014.0 W	11	35	33	31	10
25 040 15	1012.0 WNW	07	40	37	32	8
26 045 15	1010.8 W	19	35	34	32	7
27 035 15	1009.1 W	12	36	34	32	7
28 UNL 15	1004.4 SSE	08	41	38	33	7
29 UNL 15	1006.2 C	00	43	39	33	8
30 040 15	1002.6 C	00	40	37	33	10

AVG 1010.1 10 32 30 27 07

EUREKA NWT
JUNE 1961 1300 EST

01 UNL 15	1012.3 SSE	18	27	25	22	4
02 050 15	1005.4 SE	10	26	25	20	8
03 010 03	1009.0 N	05	26	25	20	10
04 020 10	1017.6 W	06	22	20	15	10
05 030 15	1014.5 SSE	27	23	22	19	9
06 030 10	1010.5 WNW	12	25	23	17	8
07 UNL 15	1017.1 WNW	02	23	21	17	0
08 UNL 15	1016.1 WNW	20	20	19	13	0
09 UNL 15	1015.6 W	16	23	23	19	0
10 UNL 15	1019.7 C	00	31	29	25	0
11 UNL 15	1021.1 WNW	05	32	30	27	8
12 100 15	1021.5 ESE	11	35	32	28	8
13 UNL 15	1014.4 ESE	12	38	35	29	4
14 005 05	1010.7 C	00	33	31	27	10
15 UNL 15	1004.6 W	15	33	32	29	3
16 100 15	1003.3 W	04	36	33	29	7
17 035 15	1004.2 W	15	35	32	28	9
18 035 15	1007.0 W	08	36	33	28	9
19 070 15	999.2 S	18	37	34	30	8
20 015 15	1002.7 SE	09	37	36	36	10
21 010 10	998.2 SE	08	38	37	36	10
22 040 15	1003.7 W	13	35	34	34	10
23 030 15	1013.1 W	15	37	36	34	7
24 020 10	1013.6 W	12	36	34	33	10
25 050 15	1011.5 WNW	10	41	37	31	8
26 045 15	1010.5 W	11	37	36	34	6
27 045 15	1008.6 W	14	38	36	33	6
28 UNL 15	1003.8 SSE	15	42	39	35	3
29 050 15	1005.8 C	00	42	38	33	10
30 020 10	1003.1 C	00	38	36	33	10

AVG 1010.0 11 33 31 27 07

EUREKA NWT
JUNE 1961 1600 EST

01 UNL 15	1012.0 SSE	17	27	25	22	2
02 040 15	1004.7 S	25	25	24	20	10
03 220 15	1011.0 WNW	15	26	24	21	6
04 030 10	1018.2 NW	06	24	23	18	10
05 030 15	1022.9 SSE	24	24	21	15	10
06 050 10	1010.6 WNW	31	23	21	15	8
07 UNL 15	1017.9 C	00	24	23	18	0
08 UNL 15	1015.2 W	18	21	19	12	0
09 UNL 15	1016.0 W	13	26	24	18	0
10 UNL 15	1019.9 C	00	32	30	25	0
11 UNL 15	1021.8 WNW	05	34	32	29	8
12 080 15	1021.0 ESE	10	36	33	29	9
13 UNL 15	1013.8 ESE	04	38	35	31	6
14 005 03	1010.1 WNW	04	33	32	29	10
15 UNL 15	1003.8 C	00	36	32	27	4
16 UNL 15	1003.3 W	18	36	33	28	

SYNOPTIC OBSERVATIONS

ISACHSEN

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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ISACHSEN NWT
JANUARY 1961 0200 MST

01 UNL 03	F	1020.1 N	08	-32	-32	-38	0			
02 UNL 04	IF	1021.5 N	08	-33	-33	-39	0			
03 Z00 03	IC F	1023.0 E	01	-30	-30	-36	9			
04 UNL 15	1024.5 C	00	-33	-33	-39	0				
05 UNL 08	1024.4 NE	02	-36	-36	-40	0				
06 UNL 02	IC F	1022.9 C	00	-32	-32	-38	0			
07 UNL 03	IF	1022.7 N	08	-34	-34	-40	0			
08 UNL 01	IC F	1023.9 N	03	-37	-37	-43	5			
09 UNL 05	3/4BS	1023.1 NW	26	-36	-36	-42	6			
10 UNL 00	3/4BS	1023.0 N	26	-37	-37	-43	6			
11 UNL 01	BS	1011.4 NW	19	-39	-39	-45	8			
12 UNL 04	F	997.4 NW	13	-30	-30	-39	4			
13 UNL 08	1008.9 SE	04	-43	-43	-49	0				
14 UNL 10	1012.5 W	05	-39	-39	-45	0				
15 UNL 10	1008.7 C	00	-41	-41	-47	0				
16 020 01	S-	995.1 N	05	-26	-26	-32	9			
17 020 01	S-BS	996.1 NW	30	-16	-16	-21	10			
18 UNL 00	1/4BS	1003.6 NW	35	-18	-18	-23	8			
19 025 01	1/25-BS	1014.6 WNW	12	-30	-30	-36	10			
20 UNL 00	1/2BS	1025.2 N	24	-33	-33	-39	7			
21 UNL 00	1/8BS	1024.3 N	40	-31	-31	-37	7			
22 UNL 02	BS	1024.5 NE	20	-27	-27	-33	0			
23 UNL 15	1032.4 SE	08	-32	-32	-38	0				
24 UNL 13	1030.7 SE	02	-31	-31	-37	0				
25 030 04	S-	1021.8 E	02	-12	-12	-16	9			
26 030 04	F	1016.9 NW	24	-30	-30	-39	9			
27 UNL 00	1/8BS	1007.9 N	36	-19	-19	-24	9			
28 UNL 00	1/2BS	1007.6 N	26	-08	-08	-12	7			
29 UNL 04	F	1021.4 NW	04	-17	-17	-23	0			
30 UNL 03	IF	1022.8 N	22	-20	-20	-25	1			
31 UNL 15	1025.8 E	02	-30	-30	-36	3				
AVG		1017.5	15	-29	-29	-35	04			

ISACHSEN NWT
JANUARY 1961 0500 MST

01 UNL 08	1020.2 N	08	-35	-35	-45	0				
02 UNL 08	1021.5 E	01	-32	-32	-38	0				
03 Z00 03	IC F	1023.4 E	03	-30	-30	-36	6			
04 UNL 10	1024.7 C	00	-33	-33	-41	0				
05 UNL 06	IF	1024.5 E	04	-36	-36	-40	0			
06 UNL 02	IC F	1022.6 NE	03	-36	-36	-40	0			
07 UNL 03	IF	1022.7 N	03	-35	-35	-41	0			
08 UNL 00	3/4IC F	1023.7 N	08	-33	-33	-39	8			
09 UNL 01	BS	1023.6 NW	15	-39	-39	-45	5			
10 UNL 01	BS	1022.6 NW	19	-36	-36	-42	6			
11 UNL 00	1/2BS	1009.6 NW	35	-41	-41	-47	9			
12 UNL 08	F	997.2 NE	02	-34	-34	-40	2			
13 UNL 10	1010.7 S	02	-42	-42	-48	4				
14 040 10	1012.0 SW	07	-37	-37	-43	6				
15 UNL 10	1008.0 C	00	-41	-41	-47	0				
16 020 02	S-	997.4 N	08	-18	-18	-23	9			
17 010 00	3/45-BS	996.3 WNW	10	-17	-17	-22	10			
18 UNL 00	1/4BS	1005.9 NW	35	-21	-21	-26	9			
19 025 01	BS	1015.6 NW	22	-29	-29	-35	8			
20 UNL 00	1/2BS	1025.2 N	25	-33	-33	-39	6			
21 UNL 00	1/2BS	1026.9 N	25	-32	-32	-38	9			
22 UNL 03	IF	1025.3 N	02	-27	-27	-33	0			
23 UNL 15	1032.5 SE	10	-30	-30	-36	3				
24 150 10	1030.1 E	02	-28	-28	-34	10				
25 030 06	F	1021.3 SE	05	-10	-10	-15	7			
26 030 04	F	1015.8 NW	06	-33	-33	-39	6			
27 002 00	1/8BS	1007.5 N	45	-18	-18	-23	10			
28 UNL 00	1/2BS	1008.2 N	26	-08	-08	-12	8			
29 UNL 06	F	1021.8 N	14	-15	-15	-20	2			
30 UNL 02	IF	1024.9 N	10	-25	-25	-31	0			
31 UNL 15	1025.4 C	00	-34	-34	-40	2				
AVG		1017.7	12	-30	-30	-35	05			

ISACHSEN NWT
JANUARY 1961 0800 MST

01 UNL 10	1020.6 N	02	-35	-35	-41	0				
02 UNL 10	1021.5 N	00	-35	-35	-41	0				
03 UNL 10	1023.4 E	02	-29	-29	-35	4				
04 UNL 10	1024.6 C	00	-36	-36	-42	0				
05 UNL 10	1024.4 C	02	-36	-36	-42	0				
06 UNL 01	IC F	1022.3 N	01	-32	-32	-38	4			
07 UNL 03	IF	1022.5 NW	05	-33	-33	-39	0			
08 UNL 01	IC F	1023.5 N	10	-41	-41	-47	4			
09 004 00	3/4IC F	1023.5 NW	04	-39	-39	-45	0			
10 UNL 01	BS	1021.4 N	12	-36	-36	-42	4			
11 UNL 00	1/2BS	1008.1 NW	24	-41	-41	-47	9			
12 UNL 10	998.1 NE	04	-37	-37	-43	0				
13 UNL 10	1011.6 C	00	-40	-40	-46	0				
14 UNL 10	1011.7 SW	05	-39	-39	-45	3				
15 UNL 15	1026.6 NW	03	-40	-40	-46	0				
16 020 02	S-	997.4 NNW	12	-21	-21	-26	10			
17 005 00	3/8BS	997.6 WNW	28	-15	-15	-20	10			
18 UNL 00	1/2BS	1007.9 WNW	26	-24	-24	-30	8			
19 025 01	BS	1017.9 NW	15	-28	-28	-34	8			
20 005 00	1/2IF	1025.6 NW	05	-33	-33	-39	10			
21 002 00	1/8BS	1024.8 NE	05	-32	-32	-38	10			
22 UNL 00	3/4IF	1024.8 NE	10	-27	-27	-33	0			
23 UNL 15	1032.2 SE	13	-31	-31	-37	0				
24 140 10	1028.8 E	02	-24	-24	-30	10				
25 030 08	1028.8 E	00	-09	-09	-13	7				
26 UNL 04	BS	1013.5 NW	19	-33	-33	-39	6			
27 000 00	BS	1006.3 N	48	-17	-17	-22	10			
28 010 01	BS	1009.5 N	20	-06	-06	-10	10			
29 UNL 15	1021.9 N	17	-14	-14	-20	1				
30 UNL 00	3/4IF	1025.9 N	20	-29	-29	-35	3			
31 UNL 15	1024.2 C	00	-36	-36	-42	1				
AVG		1017.5	11	-30	-30	-35	05			

ISACHSEN NWT
JANUARY 1961 1100 MST

01 UNL 03	IC F	1020.8 C	00	-36	-36	-42	3			
02 UNL 10	1021.2 C	00	-39	-39	-45	2				
03 UNL 08	1023.9 S	03	-32	-32	-38	0				
04 UNL 10	1024.4 C	00	-34	-34	-40	0				
05 020 08	1024.2 E	03	-32	-32	-38	7				
06 UNL 00	3/4IC F	1022.3 N	10	-30	-30	-36	5			
07 UNL 08	1022.6 NW	04	-36	-36	-42	2				
08 010 01	IF	1023.3 NW	05	-36	-36	-42	10			
09 UNL 00	1/2BS	1022.5 NW	20	-39	-39	-45	9			
10 012 01	S-F	1019.5 NW	05	-35	-35	-41	9			
11 020 01	BS	1007.1 NW	15	-38	-38	-44	9			
12 UNL 05	BS	999.7 E	16	-59	-59	-65	2			
13 UNL 10	1012.1 C	00	-43	-43	-49	1				
14 UNL 08	1011.3 SSW	03	-39	-39	-45	2				
15 UNL 08	1005.0 C	00	-40	-40	-46	0				
16 020 02	S-F	997.3 NW	12	-23	-23	-29	9			
17 UNL 00	1/2BS	998.0 W	28	-16	-16	-21	9			
18 015 02	BS	1010.1 W	14	-28	-28	-34	8			
19 015 01	BS	1019.8 NW	18	-30	-30	-36	6			
20 UNL 00	1/8BS	1023.6 NW	46	-34	-34	-40	6			
21 UNL 00	1/8BS	1022.9 N	54	-32	-32	-38	8			
22 UNL 08	1026.9 N	07	-29	-29	-35	0				
23 UNL 04	IF	1031.7 SE	12	-31	-31	-37	3			
24 020 02	3/4IF	1026.8 SE	01	-22	-22	-27	10			
25 025 04	S-F	1020.6 C	00	-08	-08	-12	10			
26 010 00	3/4BS	1010.8 WNW	18	-20	-20	-25	10			
27 000 00	BS	1006.0 N	50	-17	-17	-22	10			
28 020 01	1/2BS	1012.1 N	05	-05	-05	-09	7			
29 020 03	S-	1022.3 NE	02	-14	-14	-19	8			
30 UNL 01	BS	1025.3 N	25	-29	-29	-35	3			
31 UNL 15	1025.2 C	00	-35	-35	-41	5				
AVG		1017.4	13	-30	-30	-35	06			

ISACHSEN NWT
JANUARY 1961 1400 MST

01 UNL 08	1020.9 C	00	-35	-35	-41	0				
02 UNL 10	1021.5 C	00	-38	-38	-44	0				
03 UNL 10	1024.3 C	00	-33	-33	-39	0				
04 UNL 15	1024.4 C	00	-36	-36	-42	0				
05 UNL 08	1024.1 NE	09	-31	-31	-37	2				
06 UNL 00	3/4IF	1022.3 N	07	-30	-30	-36	7			
07 UNL 08	1022.8 NE	02	-43	-43	-49	0				
08 008 00	3/4IF	1023.7 N	08	-38	-38	-44	9			
09 UNL 00	1/2BS	1022.5 N	30	-37	-37	-43	5			
10 015 00	3/4BS	1007.3 NW	20	-30	-30	-36	8			
11 020 01	BS	1015.6 NW	14	-37	-37	-43	8			
12 UNL 05	BS	1003.2 E	12	-39	-39	-45	0			
13 080 10	1012.7 C	00	-42	-42	-48	8				
14 UNL 08	1011.3 C	00	-38	-38	-44	2				
15 UNL 08	1004.1 C	00	-37							

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Calling (100% RJ)	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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ISACHSEN NMT
FEBRUARY 1961 0200 MST

01 012 01	56-IF	1017.2 S	11	-20	-25	10				
02 012 04	BS	1011.2 S	17	-23	-24	-30	3			
03 030 01	F	1004.6 S	06	-21	-21	-26	10			
04 012 15	1008.1 NE	01	-31	-31	-40	1				
05 012 04	IF	1013.4 SW	07	-42						
06 012 04	IF	1013.4 SW	05	-33	-35	-41	1			
07 012 04	IC	1020.6 C	00	+40						
08 012 04	IC	1018.8 E	03	-29	-29	-35	2			
09 020 01	S-	1009.4 S	12	-14	-14	-19	10			
10 012 01	BS	1012.7 N	22	-28	-28	-34	4			
11 012 08	IF	1021.1 NW	07	-44						
12 012 01	BS	1024.0 N	20	-42						
13 012 01	BS	1020.2 NW	21	-29	-29	-35	4			
14 005 00	1/4BS	1015.4 N	32	-36						
15 010 00	3/4BS	1010.5 N	20	-11	-11	-16	10			
16 015 01	BS	1007.0 NW	13	-08	-08	-12	7			
17 012 02	IC F	1012.8 N	07	-18	-18	-25	4			
18 012 01	IC F	1017.2 M	15	-24	-24	-30	4			
19 012 02	IC F	1006.8 NW	02	-36						
20 012 01	BS	1010.3 N	20	-32	-32	-38	4			
21 012 01	IF	1016.4 NW	06	-42						
22 012 02	IC F	1012.7 C	00	+45						
23 160 04	IF	1003.3 C	00	-42						
24 020 02	F	998.1 S	15	-29	-29	-35	10			
25 012 01	1/2F	1017.2 M	15	-24	-24	-30	7			
26 012 05	F	1004.6 E	15	-33	-33	-39	0			
27 012 01	F	1014.5 C	00	-42						
28 012 03	IC F	1018.0 C	00	+47						

AVG 1012.2 10 -31 04

ISACHSEN NMT
FEBRUARY 1961 0500 MST

01 012 00	3/4S-IF	1016.2 S	13	-18	-18	-23	10			
02 012 02	IC	1010.5 SE	08	-25	-25	-31	3			
03 025 02	F	1004.5 S	04	-21	-21	-26	10			
04 012 08	1009.3 E	02	+36	-36						
05 012 02	IF	1012.3 SE	02	+43						
06 012 15	1014.4 C	00	+38							
07 012 04	IC	1020.3 C	00	+37						
08 012 10	IC	1018.0 SE	04	-29	-29	-35	4			
09 015 01	S-	1008.1 S	07	-15	-15	-20	10			
10 012 01	IF	1016.6 N	04	-32	-32	-38	4			
11 012 08	IF	1022.2 N	09	-41						
12 012 02	F	1024.6 NW	10	+45						
13 012 00	3/4BS	1019.0 NW	27	-31	-31	-37	6			
14 005 00	1/2BS	1019.5 NW	27	-31	-31	-37	10			
15 010 00	3/4BS	1010.9 NW	20	-13	-13	-18	8			
16 010 01	BS	1006.5 NW	15	-08	-08	-12	10			
17 020 02	IC F	1014.0 W	01	-20	-20	-25	10			
18 020 01	IC F	1016.3 N	19	-22	-22	-27	10			
19 012 04	IC F	1006.9 N	11	-34	-34	-40	0			
20 012 01	BS	1010.6 NW	24	-30	-30	-36	5			
21 012 15	1016.4 C	00	+40							
22 012 15	1011.2 C	00	+45							
23 010 06	F	1001.9 C	00	+39						
24 020 01	BS	999.2 S	20	-30	-30	-36	10			
25 012 01	BS	998.9 SE	18	-34	-34	-40	4			
26 012 10	1006.5 E	15	-32	-32	-38	0				
27 012 07	1015.0 C	00	+46							
28 012 08	1018.1 C	00	+46							

AVG 1012.3 09 -32 05

Date	Calling (100% RJ)	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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ISACHSEN NMT
FEBRUARY 1961 0800 MST

01 010 00	3/4IF	1014.3 S	25	-14	-14	-19	10			
02 010 00	3/4IF	1009.4 S	02	-22	-22	-27	10			
03 025 00	3/4S-F	1004.3 SE	02	-21	-21	-26	9			
04 012 07	1009.7 E	02	-39	-39						
05 012 00	1/2BS	1011.3 SW	24	-33	-33	-39	8			
06 012 15	1015.4 C	00	+39							
07 012 00	3/4IC F	1020.1 C	00	+33	+33	+39	4			
08 020 02	F	1016.6 SE	07	-28	-28	-34	7			
09 015 01	S-	1007.1 S	06	-15	-15	-20	10			
10 012 01	F	1018.1 NW	13	-34	-34	-40	4			
11 012 02	F	1022.6 M	03	-39						
12 012 02	F	1023.9 M	10	+43						
13 012 01	BS	1018.6 NW	20	-33	-33	-39	5			
14 005 00	1/4BS	1014.0 NW	30	-27	-27	-33	10			
15 010 00	1/2BS	1011.0 NW	21	-12	-12	-17	10			
16 012 02	F	1006.1 N	23	-13	-13	-18	4			
17 012 02	IF	1014.8 NW	04	-21	-21	-26	4			
18 020 01	IC F	1015.5 N	10	-26	-26	-34	9			
19 012 01	IC F	1006.7 NW	15	-34	-34	-40	3			
20 012 00	3/4BS	1011.6 N	22	-34	-34	-40	4			
21 012 08	IF	1016.3 E	00	+43						
22 012 04	F	1010.2 C	00	+45						
23 006 01	S-F	1000.6 C	00	+35	+35	+41	10			
24 020 00	3/4BS	1000.3 S	18	-30	-30	-36	10			
25 015 00	3/4BS	999.6 SE	20	-31	-31	-37	10			
26 012 15	1007.7 E	12	-35	-35	-41	0				
27 012 07	1015.5 C	00	+46							
28 012 04	F	1017.6 C	00	+47						

AVG 1012.1 10 -31 05

ISACHSEN NMT
FEBRUARY 1961 1100 MST

01 005 00	1/2IF	1013.7 S	20	-18	-18	-23	10			
02 006 01	F	1008.2 SE	07	-16	-16	-21	10			
03 025 01	S-F	1004.4 S	00	-22	-22	-27	10			
04 019 02	F	1010.6 C	00	+41						
05 012 01	1/2BS	1010.9 SW	15	-30	-30	-36	3			
06 012 10	1016.5 C	00	+41							
07 020 02	S-F	1020.1 WSW	12	-29	-29	-35	10			
08 020 07	F	1015.5 S	05	-25	-25	-31	10			
09 019 01	S-	1006.6 S	03	-15	-15	-20	10			
10 012 08	IF	1019.3 NW	08	-31	-31	-37	3			
11 012 00	3/4BS	1022.3 N	29	-37						
12 010 01	F	1023.5 N	18	-40						
13 030 01	BS	1016.7 NW	25	-34	-34	-40	8			
14 012 00	1/2BS	1012.4 NW	30	-26	-26	-32	6			
15 008 01	S-BS	1010.5 NW	17	-11	-11	-16	10			
16 015 01	F	1006.9 W	04	-14	-14	-19	10			
17 012 10	F	1016.1 C	00	-26	-26	-34	8			
18 015 01	F	1013.5 W	10	-26	-26	-32	8			
19 012 01	BS	1006.4 N	20	-34	-34	-40	4			
20 012 01	IF BS	1012.7 N	10	-36	-36	-42	3			
21 012 08	F	1016.1 C	00	+43						
22 012 03	IF	1008.8 C	00	+45						
23 015 02	S-F	999.5 SW	06	-33	-33	-39	10			
24 020 00	3/4BS	1000.8 S	17	-32	-32	-38	8			
25 008 00	3/8BS	1000.1 SE	20	-30	-30	-36	10			
26 012 15	1008.7 E	03	-34	-34	-40	0				
27 012 08	1015.7 C	00	+45							
28 012 04	F	1017.3 C	00	+46						

AVG 1011.9 10 -31 07

Date	Calling (100% RJ)	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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ISACHSEN NMT
FEBRUARY 1961 1400 MST

01 002 00	1/2S-F	1013.2 S	18	-18	-18	-23	10			
02 010 01	F	1006.8 SE	15	-16	-16	-21	10			
03 030 02	F	1004.7 C	00	-23	-23	-29	10			
04 200 01	F	1011.5 C	00	-39						
05 030 02	S-F	1011.8 WSW	06	-31	-31	-37	7			
06 012 08	IF	1017.9 C	00	+41						
07 025 02	S-F	1020.6 C	00	+29	+29	+35	10			
08 020 07	F	1014.5 SE	10	-20	-20	-25	10			
09 020 02	IF	1007.0 W	04	-17	-17	-22	8			
10 012 02	IF	1020.2 N	02	-34	-34	-40	1			
11 012 01	BS	1023.4 N	27	-39						
12 010 01	BS	1023.0 N	25	-41						
13 030 01	BS	1015.9 NW	16	-35	-35	-41	9			
14 010 00	1/2BS	1011.8 NW	24	-20	-20	-25	10			
15 010 01	S-F	1010.6 NW	17	-10	-10	-15	10			
16 030 01	1/2F	1008.3 C	00	+13	+13	+20	9			
17 012 15	1017.2 C	00	+28	+28	+34	3				
18 015 01	BS	1011.2 M	20	-30	-30	-36	9			
19 012 00	3/4BS	1007.7 N	28	-35	-35	-41	5			
20 012 01	1/2IF BS	1014.0 N	14	-37						
21 012 05	IF	1016.2 SW	01	+43						
22 012 03	IF	1007.8 E	01	+45						
23 010 01	SG-F	998.7 SW	05	-31	-31	-37	10			
24 012 01	BS	1000.7 SE	12	-39	-39	-45	3			
25 010 00	1/4BS	1000.6 SE	25	-30	-30	-36	9			
2										

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 (height)
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ISACHSEN NWT
MARCH 1961 0200 MST

01 UNL 02	IC F	1014.7	ME	01	-44					2
02 UNL 01	IC	1012.2	S	03	-44					3
03 UNL 00	3/4BS	1015.3	NW	05	-41					8
04 UNL 00	3/4BS	1019.2	NNE	35	-29	-29	-33	4		
05 UNL 00	1/4BS	1022.8	N	42	-25	-25	-31	7		
06 UNL 10	1023.8	N	04	-34	-34	-40	2			
07 UNL 15	1024.9	C	00	-43						0
08 UNL 03	BS	1018.9	M	12	-38					5
09 UNL 01	IC	1020.8	N	18	-32	-32	-38	4		
10 UNL 03	F	1022.3	SM	03	-47					0
11 UNL 03	IC	1024.2	C	00	-50					0
12 UNL 04	F	1027.4	C	00	-54					0
13 UNL 01	IC F	1027.3	N	01	-49					0
14 UNL 01	IC F	1028.4	F	02	-44					0
15 UNL 00	1/2BS	1019.5	NNW	19	-19	-19	-24	6		
16 UNL 10	1025.3	SM	01	-38						0
17 UNL 10	1027.1	C	00	-41						0
18 UNL 01	BS	1013.4	N	22	-29	-29	-35	3		
19 UNL 00	3/4BS	1014.8	E	15	-20	-20	-25	2		
20 UNL 08	BS	1018.9	N	08	-29	-29	-35	0		
21 UNL 04	BS	1017.0	N	20	-27	-27	-33	0		
22 UNL 00	1/2BS	1022.4	NNW	30	-25	-25	-31	6		
23 UNL 00	3/4BS	1024.6	N	23	-16	-16	-21	10		
24 UNL 03	BS	1029.6	NNW	36	-28	-28	-34	2		
25 UNL 08	BS	1031.2	NE	12	-31	-31	-37	5		
26 UNL 15	BS	1032.5	NNW	14	-30	-30	-36	0		
27 UNL 10	BS	1032.9	NNW	12	-35	-35	-41	0		
28 UNL 10	BS	1034.2	N	02	-36					0
29 UNL 10	BS	1024.4	C	00	-35	-35	-41	6		
30 UNL 10	BS	1030.2	C	00	-36					1
31 UNL 15	BS	1037.8	C	00	-31	-31	-37	0		

AVG 1023.7 11 -35 03

ISACHSEN NWT
MARCH 1961 0500 MST

01 UNL 02	IC F	1013.9	C	00	-44					1
02 UNL 01	F	1013.2	N	19	-46					4
03 UNL 00	1/2BS	1019.3	N	20	-38					5
04 UNL 01	BS	1021.8	N	20	-33	-33	-39	6		
05 UNL 00	1/4BS	1022.0	N	47	-25	-25	-31	7		
06 UNL 15	1023.3	C	00	-36						0
07 UNL 15	1024.9	C	00	-43						2
08 UNL 03	F	1018.2	M	11	-39					8
09 UNL 00	3/4BS	1021.0	NW	24	-34	-34	-40	9		
10 UNL 04	F	1022.6	C	00	-51					0
11 UNL 10	1026.6	C	00	-51						0
12 UNL 08	BS	1028.3	C	00	-52					0
13 UNL 01	BS	1027.3	N	23	-43					7
14 UNL 01	BS	1027.4	N	21	-34	-34	-40	4		
15 UNL 01	BS	1014.2	N	25	-20	-20	-25	5		
16 UNL 15	IF	1027.7	C	00	-40					0
17 UNL 05	IF	1026.3	NW	02	-43					0
18 UNL 00	1/2BS	1012.8	N	25	-26	-26	-32	7		
19 UNL 00	3/4BS	1015.5	N	20	-22	-22	-27	2		
20 UNL 01	F	1017.7	N	08	-28	-28	-34	6		
21 UNL 02	BS	1017.2	N	18	-24	-24	-30	2		
22 UNL 00	3/4BS	1022.3	N	30	-23	-23	-29	7		
23 UNL 01	BS	1026.1	N	15	-19	-19	-24	5		
24 UNL 01	BS	1029.5	N	40	-29	-29	-35	2		
25 UNL 20	1031.4	N	22	-29	-29	-35	8			
26 UNL 15	BS	1032.7	NNW	10	-30	-30	-36	3		
27 UNL 06	IF	1033.6	NNW	08	-36					1
28 UNL 10	BS	1034.3	C	00	-38					0
29 UNL 02	S-F	1022.5	C	00	-33	-33	-39	10		
30 UNL 10	BS	1030.7	C	00	-38					0
31 UNL 15	BS	1038.4	C	00	-32	-32	-38	0		

AVG 1023.8 13 -35 04

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 (height)
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ISACHSEN NWT
MARCH 1961 0800 MST

01 UNL 05	F	1012.8	C	00	-46					1
02 UNL 01	F	1013.7	N	04	-47					8
03 UNL 00	1/2BS	1014.6	N	27	-37					6
04 UNL 01	BS	1023.1	NNE	15	-34	-34	-40	3		
05 UNL 00	1/4BS	1022.8	N	30	-26	-26	-32	6		
06 UNL 15	1023.0	C	00	-38						2
07 UNL 15	1024.9	C	00	-44						2
08 UNL 07	BS	1017.4	M	08	-40					8
09 UNL 01	BS	1021.5	N	22	-37					9
10 UNL 05	F	1022.2	C	00	-50					4
11 UNL 15	BS	1024.8	C	00	-51					1
12 UNL 08	BS	1028.2	C	00	-54					0
13 UNL 00	3/4BS	1026.3	N	28	-48					0
14 UNL 01	1/2BS	1027.2	N	10	-29	-29	-35	5		
15 UNL 02	BS	1019.0	NNE	22	-20	-20	-25	6		
16 UNL 15	1028.6	C	00	-39						0
17 UNL 03	IF	1024.2	C	00	-45					1
18 UNL 00	1/2BS	1011.5	N	15	-22	-22	-27	7		
19 UNL 00	1/2BS	1015.6	NNE	26	-23	-23	-29	6		
20 UNL 00	3/4BS	1014.8	N	40	-28	-28	-34	3		
21 UNL 01	BS	1016.9	N	22	-24	-24	-27	3		
22 UNL 00	3/4BS	1023.1	N	30	-19	-19	-24	7		
23 UNL 03	BS	1026.4	N	18	-21	-21	-26	2		
24 UNL 01	BS	1029.6	N	38	-30	-30	-36	3		
25 UNL 10	BS	1031.8	N	18	-31	-31	-37	3		
26 UNL 15	BS	1032.5	N	12	-31	-31	-37	0		
27 UNL 03	IF	1034.0	N	14	-35	-35	-41	0		
28 UNL 10	BS	1033.6	C	00	-36					0
29 UNL 05	F	1021.1	S	08	-30	-30	-36	9		
30 UNL 15	BS	1031.6	E	02	-32	-32	-38	1		
31 UNL 15	BS	1038.3	C	00	-28	-28	-34	0		

AVG 1023.5 14 -35 04

ISACHSEN NWT
MARCH 1961 1100 MST

01 UNL 05	F	1012.1	C	00	-45					0
02 UNL 01	F	1013.5	N	15	-46					8
03 UNL 00	1/2BS	1014.5	N	26	-37					6
04 UNL 00	3/4BS	1029.7	N	23	-34	-34	-40	5		
05 UNL 01	BS	1024.1	NE	15	-23	-23	-29	4		
06 UNL 15	BS	1023.0	NNE	03	-33	-33	-39	1		
07 UNL 10	BS	1024.6	C	00	-42					4
08 UNL 04	IF	1017.1	NNW	06	-37					8
09 UNL 01	BS	1022.4	N	13	-38					8
10 UNL 04	IF	1021.1	C	00	-48					6
11 UNL 10	BS	1027.9	C	00	-50					0
12 UNL 04	K	1027.7	C	00	-51					0
13 UNL 00	3/4BS	1027.7	N	14	-50					4
14 UNL 00	3/4BS	1026.6	N	15	-30	-30	-36	4		
15 UNL 15	BS	1016.5	N	14	-31	-31	-37	0		
16 UNL 15	BS	1029.1	C	00	-35	-35	-41	1		
17 UNL 08	BS	1021.8	N	12	-37					0
18 UNL 00	1/4BS	1010.3	N	30	-19	-19	-25	9		
19 UNL 01	1/2BS	1017.1	N	30	-23	-23	-29	3		
20 UNL 00	1/2BS	1012.4	N	50	-26	-26	-32	6		
21 UNL 02	IF	1019.1	NNW	08	-21	-21	-26	5		
22 UNL 01	1/2IF	1024.5	NW	10	-15	-15	-20	1		
23 UNL 02	BS	1026.9	N	30	-19	-19	-24	1		
24 UNL 00	BS	1021.8	N	45	-24	-24	-32	6		
25 UNL 15	BS	1032.0	NNE	08	-28	-28	-34	4		
26 UNL 15	BS	1032.3	N	09	-29	-29	-35	0		
27 UNL 10	BS	1034.3	C	00	-29	-29	-35	0		
28 UNL 15	BS	1032.5	C	00	-34	-34	-40	0		
29 UNL 10	BS	1021.1	SE	10	-29	-29	-35	9		
30 UNL 15	BS	1032.1	C	00	-30	-30	-36	0		
31 UNL 15	BS	1038.2	C	00	-25	-25	-33	0		

AVG 1023.6 12 -33 03

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 (height)
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ISACHSEN NWT
MARCH 1961 1400 MST

01 UNL 05	F	1012.1	C	00	-46					0
02 UNL 01	BS	1014.3	N	18	-46					4
03 UNL 00	3/4BS	1016.4	NW	18	-36					4
04 UNL 01	BS	1023.7	N	24	-34	-34	-40	3		
05 UNL 10	1024.4	N	12	-27	-27	-33	5			
06 UNL 15	1023.0	C	00	-35	-35	-41	0			0
07 UNL 10	1024.3	C	01	-41						7
08 UNL 01	1/2F	1017.7	NNE	15	-33	-33	-39	7		
09 UNL 02	BS	1022.5	N	15	-41					1
10 UNL 05	IF	1022.6	C	00	-47					2
11 UNL 15	BS	1025.2	C	00	-48					0
12 UNL 04	K	1028.0	C	00	-50					2
13 UNL 02	F	1029.2	N	10	-50					2
14 UNL 01	1/2F	1023.9	N	14	-30	-30	-36	2		
15 UNL 15	BS	1019.2	E	10	-32	-32	-38	2		
16 UNL 15	BS	1029.2	C	00	-35	-35	-45	2		
17 UNL 01	IF	1019.6	N	12	-38					

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Cloud (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 (tenths)
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Date	Cloud (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 (tenths)
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Date	Cloud (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 (tenths)
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Date	Cloud (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 (tenths)
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ISACHSEN NWT
APRIL 1961 0200 MST

01 UNL 15	1033.7	C	00	-37	0		
02 UNL 15	1026.1	C	00	-39	0		
03 UNL 15	1014.3	0	00	-32	-38	9	
04 UNL 10	1016.4	0	00	-36			
05 010 01	1020.0	0	00	-31	-31	7	
06 UNL 15	1030.4	0	00	-33	-33	0	
07 UNL 15	1029.9	S	05	-31	-31	0	
08 050 10	1017.4	0	00	-28	-28	34	10
09 010 01	1019.1	0	00	-18	-18	-23	10
10 UNL 15	1039.0	0	00	-24	-24	-30	0
11 UNL 10	1031.7	0	00	-22	-22	-29	0
12 UNL 15	1024.2	0	06	-04	-04	-10	2
13 UNL 15	1018.1	0	15	-14	-14	-20	5
14 UNL 15	1029.4	0	08	-13	-13	-20	0
15 120 05	1023.4	0	21	-09	-09	-16	9
16 UNL 01	1026.1	SE	10	-23	-23	-29	1
17 UNL 04	1017.7	IF	06	-15	-15	-21	3
18 220 05	1014.4	C	00	-04	-04	-11	7
19 020 07	1022.5	S	18	04	04	-01	7
20 UNL 15	1025.3	NE	07	04	04	-01	2
21 UNL 15	1020.7	E	07	04	04	-01	3
22 UNL 15	1019.4	N	08	-03	-03	-08	3
23 040 08	1032.4	C	14	08	08	03	9
24 012 01	1015.6	SE	07	-26	-26	-32	10
25 020 04	1016.6	SW	09	01	01	-05	10
26 009 01	1027.5	SW	09	01	01	-03	10
27 065 03	1025.4	S	27	-01	-01	-06	10
28 UNL 05	1024.6	C	00	-01	-01	-06	5
29 002 05	1022.8	C	00	-09	-09	-13	10
30 UNL 02	1022.9	N	13	-11	-11	-19	2
AVG	1022.3		06	-14	-14	-19	05

ISACHSEN NWT
APRIL 1961 0800 MST

01 UNL 10	1031.2	C	00	-37	1		
02 UNL 15	1022.9	C	00	-37	0		
03 UNL 15	1013.3	0	00	-31	-31	-40	2
04 220 10	1016.3	0	00	-32	-32	-38	8
05 UNL 15	1022.7	F	04	-29	-29	-35	1
06 UNL 15	1031.6	NE	09	-29	-29	-35	0
07 UNL 15	1025.9	N	18	-26	-26	-34	2
08 220 15	1017.6	C	00	-22	-22	-27	8
09 020 01	1021.0	SW	07	-17	-17	-22	10
10 180 15	1034.6	C	00	-23	-23	-29	8
11 220 15	1030.3	SE	01	-15	-15	-21	7
12 UNL 15	1021.1	C	00	-06	-06	-12	5
13 UNL 15	1021.7	E	11	-09	-10	-15	5
14 UNL 15	1029.0	E	15	-10	-10	-18	1
15 160 05	1021.8	0	04	-05	-05	-11	9
16 UNL 07	1026.8	SE	13	-22	-22	-27	0
17 UNL 08	1016.3	C	00	-09	-10	-15	2
18 UNL 10	1018.3	C	00	-13	-13	-19	1
19 150 15	1024.8	E	05	07	07	02	8
20 UNL 15	1024.5	E	10	07	07	02	1
21 UNL 15	1019.6	C	00	08	08	03	1
22 220 15	1018.5	C	00	00	00	-05	10
23 003 01	1008.8	E	18	10	10	07	10
24 010 01	1005.1	C	11	02	02	-04	8
25 025 04	1019.5	C	00	-05	-06	-10	10
26 012 03	1029.4	SW	10	-02	-02	-07	9
27 065 02	1021.9	S	15	04	04	-01	10
28 010 00	1024.7	C	00	02	02	-01	10
29 UNL 10	1022.9	C	00	-08	-08	-13	1
30 UNL 01	1022.8	NW	12	-08	-08	-12	4
AVG	1022.2		05	-12	-12	-17	05

ISACHSEN NWT
APRIL 1961 1400 MST

01 UNL 15	1029.9	C	00	-32	-32	-38	2
02 UNL 15	1019.7	C	00	-34	-34	-40	7
03 UNL 15	1014.2	C	00	-28	-28	-34	3
04 065 03	1017.1	W	02	-23	-23	-29	10
05 UNL 15	1025.7	SE	04	-26	-26	-32	1
06 UNL 15	1032.7	E	10	-26	-26	-32	0
07 UNL 05	1022.9	N	15	-28	-28	-34	4
08 UNL 15	1018.1	NW	05	-16	-16	-22	6
09 UNL 15	1024.6	C	00	-16	-16	-22	2
10 UNL 15	1034.1	NE	10	-10	-10	-17	2
11 200 10	1028.6	E	14	-08	-08	-14	10
12 UNL 15	1017.8	C	00	-11	-11	-18	1
13 UNL 15	1026.2	C	00	-04	-04	-09	1
14 UNL 15	1028.4	SE	04	-03	-04	-09	2
15 UNL 15	1023.8	E	07	-14	-14	-23	0
16 110 07	1025.8	S	13	-16	-16	-21	9
17 065 01	1014.9	E	06	-02	-02	-07	10
18 050 03	1019.5	E	05	01	01	-04	9
19 160 15	1025.9	S	12	08	08	03	9
20 UNL 15	1022.9	E	05	13	13	08	1
21 UNL 15	1019.5	C	00	07	07	02	4
22 025 10	1016.9	E	17	06	06	01	9
23 015 02	1004.9	ENE	24	13	13	10	10
24 010 01	1009.1	C	00	03	03	-02	0
25 015 02	1022.7	C	00	00	00	-04	10
26 UNL 08	1029.9	S	10	-02	-02	-07	4
27 010 01	1019.5	S	15	10	10	07	10
28 015 01	1024.3	C	00	05	05	02	10
29 UNL 15	1022.5	N	10	-02	-02	-08	2
30 006 02	1023.1	N	12	01	01	-03	9
AVG	1022.2		07	-08	-08	-13	05

ISACHSEN NWT
APRIL 1961 2000 MST

01 UNL 15	1028.2	C	00	-37	0		
02 200 15	1016.8	C	00	-33	-33	-39	8
03 UNL 15	1015.3	NW	05	-31	-31	-37	2
04 045 10	1017.9	SW	05	-27	-27	-33	9
05 UNL 15	1028.3	E	08	-32	-32	-38	1
06 UNL 15	1031.0	NE	18	-24	-24	-30	0
07 220 10	1019.1	NW	08	-28	-28	-34	8
08 065 06	1018.7	C	00	-19	-19	-24	10
09 UNL 15	1029.8	C	00	-23	-23	-29	0
10 UNL 08	1033.0	S	05	-20	-20	-24	0
11 200 15	1026.7	NE	13	-07	-07	-12	9
12 UNL 15	1016.4	C	00	-17	-17	-23	3
13 UNL 15	1028.2	C	00	-09	-09	-14	0
14 120 05	1026.5	E	04	-07	-07	-13	9
15 UNL 01	1024.7	E	20	-19	-19	-26	1
16 UNL 04	1020.9	E	21	-15	-15	-20	2
17 012 01	1012.2	S	13	03	03	-01	10
18 012 01	1019.7	S	13	08	07	-03	10
19 150 10	1025.7	SSE	04	05	05	00	6
20 UNL 15	1021.4	ENE	08	05	05	00	4
21 120 15	1019.4	N	06	01	01	-05	8
22 030 08	1015.1	NE	08	06	05	01	10
23 140 02	1002.2	ENE	17	12	12	07	9
24 010 03	1003.0	F	09	01	01	-03	10
25 018 02	1025.2	N	04	02	02	-10	4
26 UNL 04	1028.9	S	13	-04	-04	-10	4
27 UNL 06	1022.5	NW	17	09	09	05	0
28 UNL 10	1023.3	C	00	03	03	-02	3
29 UNL 05	1022.8	N	12	-05	-05	-09	1
30 010 00	1023.3	NW	20	-07	-07	-11	9
AVG	1021.9		08	-10	-10	-15	05

ISACHSEN NWT
APRIL 1961 0500 MST

01 UNL 07	1032.5	C	00	-41	0		
02 UNL 15	1024.3	C	00	-39	0		
03 200 15	1013.7	C	00	-34	-34	-40	9
04 080 08	1016.4	0	00	-36		10	
05 UNL 06	1021.3	C	00	-30	-30	-36	5
06 UNL 15	1031.0	C	00	-35	-35	-41	0
07 UNL 15	1025.1	E	07	-26	-26	-32	2
08 050 15	1017.3	C	00	-25	-25	-31	10
09 006 01	1019.9	C	00	-17	-17	-22	10
10 UNL 15	1034.0	C	00	-22	-22	-27	1
11 UNL 15	1031.0	ENE	04	-20	-21	-27	2
12 UNL 15	1022.7	SW	01	-11	-11	-18	5
13 180 15	1019.3	E	11	-12	-12	-19	6
14 UNL 08	1029.4	E	07	-12	-13	-18	0
15 065 02	1022.2	E	12	-07	-07	-12	10
16 UNL 07	1026.5	SE	13	-24	-24	-30	1
17 120 03	1017.0	E	04	-12	-12	-17	7
18 005 09	1016.5	C	00	-17	-17	-22	9
19 140 08	1023.9	E	06	03	03	00	8
20 UNL 15	1025.1	NE	05	05	05	-01	1
21 UNL 15	1020.0	C	00	03	03	-02	3
22 220 15	1019.1	C	00	-05	-05	-11	10
23 030 08	1010.9	E	20	09	09	05	10
24 160 04	1005.6	E	08	04	03	-02	9
25 012 03	1018.1	SW	09	02	02	-04	9
26 005 00	1028.4	SW	09	00	00	-04	10
27 065 03	1024.0	SSE	24	01	01	-05	10
28 005 01	1025.1	C	00	-04	-04	-09	10
29 UNL 03	1022.9	C	00	-07	-07	-12	1
30 UNL 02	1022.7	NW	12	-09	-09	-13	3
AVG	1022.2		05	-14	-14	-18	06

ISACHSEN NWT
APRIL 1961 1100 MST

01 UNL 10	1030.3	C	00	-36	2		
02 UNL 12	1021.3	C	00	-33	-33	-39	1
03 UNL 12	1013.4	C	00	-30	-30	-36	5
04 070 05	1016.7	SE	01	-30	-30	-36	10
05 UNL 15	1024.1	E	04	-28	-28	-34	7
06 UNL 15	1031.8	E	07	-27	-27	-33	1
07 UNL 15	1024.2	NE	04	-25	-25	-31	2
08 180 12	1017.8	C	00	-20	-20	-27	

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Callng (100's h)	Visibility (mils)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knts)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (bunk)
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ISACHSEN NWT
MAY 1961 0200 MST

01 010 01	IF	1023.4	NW	10	-08	-08	-18	9		
02 020 02		1023.1	N	08	-05	-05	-09	10		
03 015 07		1021.4	NW	05	-07	-07	-12	10		
04 002 01	F	1017.6	NE	04	-06	-06	-10	10		
05 015 03	F	1020.5	NE	11	-05	-05	-09	10		
06 UNL 04	F	1025.5	NW	15	-11	-12	-17	0		
07 010 01	S-F	1018.3	SW	15	04	04	01	10		
08 012 02	S-F	1014.8	SSE	05	10	10	05	10		
09 065 07	S	1019.9	C	00	09	09	05	10		
10 070 04	F	1026.4	N	15	07	06	03	6		
11 UNL 01	F BS	1023.7	N	27	00	00	-04	4		
12 008 00	3/4S-BS	1016.4	NNW	20	10	10	05	10		
13 110 10		1018.1	N	25	06	06	02	7		
14 025 01	1/2F BS	1015.4	NNW	27	06	06	01	7		
15 010 03	BS	1019.4	NW	22	16	16	13	10		
16 UNL 03	S-F	1019.9	N	17	04	03	00	5		
17 015 08		1019.3	NE	04	05	04	00	10		
18 002 00	3/4F	1019.0	SW	06	04	04	01	10		
19 015 05	S	1016.0	S	08	10	10	07	10		
20 015 08	S-F	1019.0	S	05	11	10	07	10		
21 UNL 08		1019.5	S	07	08	08	03	4		
22 013 03	S-F	1021.6	N	12	14	14	11	10		
23 015 07		1031.1	W	08	16	15	11	10		
24 000 00	F	1030.2	C	00	14	13	11	10		
25 200 15		1022.6	C	00	13	14	08	7		
26 008 01	S-F	1022.2	NNW	23	14	14	11	10		
27 004 01	1/2F	1017.2	NW	17	16	17	14	8		
28 000 00	1/8F	1013.4	N	08	19	16	16	10		
29 UNL 08		1006.0	SE	20	18	17	13	7		
30 UNL 15		1002.0	E	13	18	17	12	1		
31 UNL 15		1011.7	C	00	23	22	19	3		
AVG		1019.1		12	08	07	03	08		

ISACHSEN NWT
MAY 1961 0500 MST

01 010 01	F BS	1023.6	NW	12	-06	-06	-10	8		
02 012 02	F	1022.8	NW	12	-04	-04	-08	10		
03 UNL 08		1020.7	C	00	-09	-09	-16	3		
04 008 03	F	1017.6	NE	06	-07	-07	-12	10		
05 012 03	F	1021.1	N	11	-04	-04	-08	10		
06 UNL 15		1026.5	NW	13	-11	-11	-16	0		
07 015 02	S-F	1017.1	SW	17	06	06	03	10		
08 015 03	S-F	1015.6	ESE	03	11	11	07	10		
09 070 08	S	1020.6	C	00	10	10	06	10		
10 UNL 04	F	1027.0	S	03	05	05	01	2		
11 UNL 08		1023.4	N	10	02	01	-04	10		
12 006 00	3/4S-BS	1016.3	NNW	13	11	11	07	9		
13 UNL 15		1017.8	N	30	06	06	01	2		
14 009 01	1/2S-F	1016.0	NW	10	09	09	04	10		
15 010 03	S	1019.3	NW	20	17	17	14	10		
16 UNL 01	IC BS	1019.7	N	22	03	03	-01	9		
17 010 06	S-F	1019.2	C	00	07	07	02	10		
18 002 00	3/4S-F	1019.7	W	04	04	04	01	10		
19 015 06	S-F	1016.0	S	14	09	09	06	10		
20 015 07	S	1020.3	S	05	11	11	07	10		
21 UNL 04	F	1019.4	S	14	11	10	06	4		
22 008 03	S-F	1022.6	WSW	07	18	17	13	10		
23 015 10	S-F	1032.1	W	06	16	16	11	10		
24 UNL 00	F	1019.2	C	00	12	12	08	9		
25 040 15		1022.5	C	00	17	16	11	7		
26 010 01	S-F	1022.4	NW	25	14	14	10	10		
27 004 02	F	1016.2	N	12	16	16	13	10		
28 200 01	F	1010.8	S	09	14	14	10	9		
29 UNL 10		1004.4	ESE	16	18	18	13	2		
30 UNL 15		1002.1	E	17	19	18	14	1		
31 UNL 15		1012.6	C	00	22	21	18	1		
AVG		1019.2		10	08	08	04	07		

Date	Callng (100's h)	Visibility (mils)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knts)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (bunk)
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ISACHSEN NWT
MAY 1961 0800 MST

01 UNL 03	F	1023.6	NW	18	-05	-05	-10	3		
02 010 03	F	1022.5	N	20	-04	-04	-08	10		
03 UNL 15		1020.3	C	00	-06	-06	-15	0		
04 008 04	F	1017.7	NE	09	-07	-07	-12	8		
05 012 04	F	1021.6	N	15	-03	-04	-09	7		
06 UNL 15		1027.0	C	00	-05	-05	-11	1		
07 015 02	S-F	1016.0	SW	17	07	07	03	10		
08 065 05	S-F	1016.3	SE	06	12	12	08	10		
09 080 10		1021.1	C	00	11	11	06	10		
10 UNL 03	F	1026.7	NNE	12	05	05	00	4		
11 UNL 08		1022.4	N	20	04	04	-01	7		
12 011 01	F BS	1016.1	N	17	15	15	11	10		
13 UNL 10		1017.4	N	33	09	08	04	1		
14 020 02	S-F	1016.0	NW	20	15	14	11	9		
15 010 00	3/4BS	1018.9	NNW	28	16	16	12	8		
16 010 00	3/4TC BS	1019.5	N	22	07	07	03	7		
17 UNL 10		1018.9	E	04	11	10	06	1		
18 002 01	1/2S-F	1017.7	W	04	05	05	02	10		
19 020 08	S	1015.8	S	10	10	10	07	10		
20 015 06	S-F	1020.7	S	05	12	12	08	10		
21 010 01	S-F	1018.8	SSE	17	13	13	09	10		
22 009 03	S-F	1024.5	N	16	15	15	11	10		
23 011 10		1032.5	W	08	18	17	13	10		
24 UNL 15		1027.7	ESE	03	14	13	09	1		
25 UNL 15		1022.4	N	12	14	14	09	4		
26 008 02	F	1022.8	NW	12	14	14	10	9		
27 004 03		1018.1	N	03	18	17	13	8		
28 180 12		1010.0	S	06	18	17	13	8		
29 200 10		1002.9	ESE	19	18	18	14	8		
30 UNL 15		1004.1	E	18	22	21	17	3		
31 UNL 15		1012.9	C	00	24	23	19	5		
AVG		1019.0		12	10	09	05	07		

ISACHSEN NWT
MAY 1961 1100 MST

01 100 01	1/2IF	1023.8	NNW	25	-05	-05	-10	7		
02 010 01	1/2F	1022.6	N	18	-04	-04	-08	9		
03 UNL 05	IC F	1019.4	C	00	-03	-03	-09	1		
04 UNL 02	IF	1017.7	ENE	10	-04	-04	-09	5		
05 UNL 01	1/2IF BS	1021.8	N	26	-05	-05	-10	3		
06 UNL 12		1026.2	W	07	-04	-04	-10	1		
07 140 04	S-F	1014.8	SW	13	09	09	06	9		
08 008 04	S-F	1016.8	S	06	13	13	11	10		
09 UNL 08		1021.8	C	00	12	12	09	7		
10 UNL 02	F	1026.3	N	04	04	04	01	4		
11 200 04	BS	1020.1	N	03	18	17	13	9		
12 009 01	S-BS	1016.7	N	18	18	18	16	10		
13 UNL 15		1017.8	NNW	28	11	11	06	1		
14 012 02	S-F	1015.7	NW	23	17	17	14	9		
15 UNL 02	F BS	1019.0	NNW	25	15	14	10	5		
16 017 03	F	1019.2	N	17	09	09	04	9		
17 UNL 15		1018.8	SSW	08	08	08	05	2		
18 008 04	S-F	1017.3	NNW	05	07	07	02	10		
19 012 08	SG	1016.0	SSW	12	11	10	06	10		
20 016 10		1020.9	S	05	13	13	08	10		
21 012 02	S-F	1018.9	S	20	15	15	11	10		
22 UNL 05	S-IF	1026.2	W	14	12	11	07	5		
23 010 03	S-F	1032.4	WSW	10	20	20	17	10		
24 UNL 15		1018.8	S	00	16	16	12	9		
25 015 00	3/4F	1022.2	N	21	18	18	14	9		
26 008 04	S-	1022.5	NW	20	14	14	11	9		
27 010 06	F	1013.8	NNW	08	21	20	16	9		
28 160 15		1009.5	S	13	19	18	13	9		
29 180 10		1002.1	SE	25	22	22	17	7		
30 UNL 15		1005.5	E	12	24	23	20	4		
31 006 10		1013.1	SW	05	26	26	24	10		
AVG		1018.9		14	11	11	07	07		

Date	Callng (100's h)	Visibility (mils)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knts)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (bunk)
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ISACHSEN NWT
MAY 1961 1400 MST

01 009 02	F	1024.0	NW	20	-03	-04	-08	7		
02 010 02		1022.6	N	15	-03	-03	-08	9		
03 UNL 08		1018.9	F	05	-04	-04	-09	6		
04 UNL 02	IF	1018.3	E	06	-04	-04	-09	8		
05 UNL 02	IC F	1022.7	N	17	-05	-05	-10	1		
06 UNL 15		1025.7	SW	09	-04	-04	-10	1		
07 030 02	S-F	1014.4	SW	10	10	10	07	10		
08 025 03	S-F	1017.9	SE	05	13	13	11	10		
09 UNL 15		1023.4	C	00	09	09	05	8</		

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Callbrg (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 (tenths)
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ISACHSEN NMT
JUNE 1961 0200 MST

01 010 06	S-F	1014.7	WNW	06	19	18	16	10		
02 005 03	S-F	1006.9	WSW	10	26	26	24	10		
03 UNL 10		1010.1	N	13	15	14	10	2		
04 015 03	S-F	1018.3	NW	05	18	17	14	10		
05 015 10		1020.5	W	14	18	18	13	10		
06 010 03		1014.7	NW	19	24	23	20	9		
07 018 10	F	1019.5	N	12	25	23	19	9		
08 009 10		1022.2	N	25	25	24	21	9		
09 UNL 07		1018.0	NNW	26	16	16	13	1		
10 UNL 15		1018.9	SE	02	22	21	16	1		
11 120 15		1022.2	C	00	24	23	19	8		
12 090 02	F	1025.0	SM	04	31	31	29	6		
13 200 10		1018.7	S	08	32	31	31	8		
14 006 04	F	1014.4	C	00	32	32	31	10		
15 008 04	F	1011.4	N	21	32	31	30	10		
16 010 03	F	1004.8	NNE	25	28	28	25	9		
17 200 15		1009.3	NNW	30	29	28	26	8		
18 001 00	3/4F	1011.7	SW	15	30	30	30	10		
19 030 10	R-	1002.9	WSW	13	36	35	35	10		
20 012 06	R-	1004.1	S	01	34	34	33	10		
21 004 03	L-F	1001.1	W	11	33	33	32	9		
22 005 01	S-F	1006.3	NW	25	32	32	31	10		
23 005 01	L-F	1016.6	NW	18	33	33	30	10		
24 009 01	1/25W-F	1018.4	NW	11	33	32	32	9		
25 008 07		1015.6	NNE	27	32	30	27	9		
26 008 03	F	1013.8	N	18	30	29	28	9		
27 UNL 15		1013.4	N	14	30	29	27	10		
28 005 02	S-F	1008.5	NNW	08	33	33	32	10		
29 002 01	1/25-F	1011.5	SE	07	32	32	32	10		
30 040 15		1006.2	N	12	35	34	33	9		
AVG		1013.0		13	28	27	25	08		

ISACHSEN NMT
JUNE 1961 0500 MST

01 015 08	S-	1014.9	SW	06	20	19	16	10		
02 003 02	S-F	1006.2	WSW	10	27	27	26	10		
03 015 10	S-	1011.9	NW	10	17	16	12	9		
04 015 10	S-	1019.0	NW	06	21	21	17	10		
05 070 00	3/4F	1019.9	WSW	16	16	16	13	9		
06 015 03	F	1019.6	NNW	13	21	21	17	10		
07 010 05	F	1020.4	NW	15	26	25	21	10		
08 011 03	F	1021.9	N	20	28	27	26	9		
09 UNL 00	3/4F	1017.6	N	24	17	17	14	0		
10 UNL 15		1020.0	S	02	23	22	18	0		
11 020 15		1022.8	SW	07	27	26	23	9		
12 090 02	F	1024.7	SW	07	32	31	31	6		
13 004 02	F	1018.1	S	05	32	31	31	10		
14 120 03	F	1013.6	C	00	32	31	30	9		
15 008 08		1011.5	N	22	29	28	26	8		
16 008 02	F BS	1005.2	N	36	28	28	26	7		
17 008 10	F	1010.4	NNW	15	29	28	27	9		
18 008 02	F	1012.1	NW	09	30	30	28	10		
19 001 00	1/8F	1001.7	WSW	09	34	34	34	10		
20 005 05	R-F	1004.2	C	00	36	36	35	10		
21 015 06	F	1001.8	W	22	33	32	31	10		
22 007 01	L-F	1008.2	NNW	16	32	31	31	10		
23 009 01	1/2L-F	1016.9	NW	15	33	32	32	10		
24 010 10		1018.4	NW	07	33	33	29	10		
25 009 12		1015.4	N	19	33	31	27	9		
26 004 03	SW-F	1013.7	NNW	18	30	29	27	6		
27 010 10	SW-	1013.3	N	10	30	29	27	7		
28 008 02	S-F	1007.8	NNW	10	33	33	32	10		
29 004 02	L-F	1001.8	SE	07	32	32	31	10		
30 006 10		1006.6	N	10	32	32	31	10		
AVG		1013.2		12	28	28	26	09		

Date	Callbrg (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 (tenths)
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ISACHSEN NMT
JUNE 1961 0800 MST

01 010 06	S-	1014.4	SW	12	22	22	19	10		
02 009 03	1/25-F	1004.8	WSW	08	28	28	27	10		
03 020 10	S-	1013.1	NW	10	18	16	10	8		
04 015 10	S-	1019.6	N	08	22	22	19	10		
05 030 07		1018.8	WSW	13	17	17	14	10		
06 015 04	S-F	1015.8	NW	18	22	21	18	10		
07 009 01	1/25-F	1021.0	NNW	22	27	26	24	10		
08 010 02	F	1021.2	N	24	27	26	24	10		
09 UNL 03	F	1016.7	N	17	19	19	16	2		
10 UNL 15		1020.3	SE	01	26	25	20	0		
11 015 08		1023.0	SM	06	30	29	27	10		
12 120 15		1024.3	SW	04	33	33	32	8		
13 001 00	1/2F	1017.3	SW	05	30	30	29	10		
14 005 04	F	1012.8	SE	04	33	32	29	10		
15 010 10		1011.1	N	20	30	29	27	9		
16 010 00	3/4F BS	1005.6	N	35	28	28	27	10		
17 010 05	F	1010.2	NW	13	31	30	28	10		
18 004 03		1011.5	W	09	33	32	30	9		
19 050 00	1/2F	1001.3	WSW	03	36	36	36	9		
20 020 10		1003.8	S	10	36	36	35	10		
21 008 10		1002.4	W	21	34	33	33	10		
22 008 07		1020.2	NW	16	34	34	33	10		
23 011 01	1/2F	1017.0	NNW	14	35	35	34	10		
24 012 06	F	1017.9	NNW	08	34	32	30	9		
25 009 04	SW-F	1015.0	N	20	32	31	27	9		
26 007 03	SW-F	1012.3	NNW	22	32	30	29	9		
27 010 06	SW-F	1012.8	NNE	12	31	30	28	9		
28 003 01	S-F	1006.6	NNW	10	35	35	32	10		
29 006 01	S-F	1002.2	E	07	34	32	30	10		
30 080 10		1006.1	NNW	10	32	32	30	10		
AVG		1013.0		13	29	29	27	09		

ISACHSEN NMT
JUNE 1961 1100 MST

01 012 05	S-F	1015.7	SW	20	24	23	20	10		
02 013 06	F	1004.5	W	08	29	28	26	10		
03 020 10	S-	1014.0	W	10	22	20	15	10		
04 015 10		1020.2	NW	07	23	22	19	10		
05 015 10		1018.0	SW	12	19	19	15	9		
06 015 03	S-F	1016.0	NW	18	22	22	19	10		
07 008 05	F	1021.0	NNW	20	27	27	24	10		
08 010 03	F	1020.0	N	20	26	25	24	10		
09 UNL 08		1016.4	N	12	21	21	17	2		
10 UNL 15		1020.8	SW	04	29	27	22	0		
11 004 04	S-	1023.4	WSW	09	32	31	30	9		
12 UNL 15		1023.6	SW	07	34	33	3	3		
13 000 00	1/2F	1016.7	S	05	32	32	31	8		
14 018 10		1011.8	C	00	35	34	31	10		
15 008 08	SW-	1010.1	NNW	23	31	30	29	9		
16 005 01	F	1006.5	N	44	30	29	28	8		
17 005 03	F	1010.1	NW	17	32	31	30	10		
18 005 06	F	1011.2	WSW	10	34	33	32	10		
19 003 10		1001.4	WSW	19	35	34	34	9		
20 020 15		1002.9	S	12	38	37	36	10		
21 008 06	F	1002.6	W	23	34	33	31	10		
22 008 03	F	1011.8	NW	18	32	32	31	10		
23 015 06	F	1017.2	NNW	12	36	34	32	10		
24 010 02	SW-F	1017.2	N	19	34	34	33	9		
25 011 05	SW-F	1014.3	NNE	18	33	32	30	9		
26 007 05	SW-F	1011.1	NNW	29	33	32	30	9		
27 012 10		1012.1	N	11	34	33	27	9		
28 004 00	3/4S-F	1005.2	W	12	32	32	31	10		
29 009 02	S-F	1002.2	E	13	34	33	31	10		
30 007 08		1006.4	N	08	33	32	32	10		
AVG		1012.8		14	30	30	27	09		

Date	Callbrg (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 (tenths)
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ISACHSEN NMT
JUNE 1961 1400 MST

01 010 02	1/25-F	1012.6	SW	22	24	23	21	10		
02 009 03	F	1005.1	NW	15	29	28	26	9		
03 009 03	S-F	1015.0	SW	06	23	22	18	8		
04 015 08		1020.6	NW	09	23	23	19	9		
05 200 15		1016.6	WSW	26	23	22	18	8		
06 010 08		1017.0	NNW	13	23	22	19	9		
07 010 05	S-F	1021.5	NNW	18	28	28	26	10		
08 010 02	SG-F	1019.9	NNW	20	26	25	24	10		
09 010 10		1016.0	NNE	08	24	23	19	8		
10 UNL 15		1021.3	SE	04	31	28	24	1		
11 000 04	F	1024.5	WSW	08	34	33	32	9		
12 020 06	F	1023.1								

SYNOPTIC OBSERVATIONS

MOULD BAY

Date	Calling (100's ft)	Visibility (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
JANUARY 1961 0200 MST

01 010 04	IF	1023+2	NNW	10	-23	-24	-32	10		
02 UNL 00		1021+0	C	00	-30	-24	-39	1		
03 012 07		1019+5	ENE	08	-23	-23	-32	10		
04 UNL 10		1020+7	C	00	-37					
05 UNL 10		1021+8	C	00	-31		-31	-37	0	
06 UNL 10		1023+3	C	00	-43					
07 UNL 10		1028+1	C	00	-41					
08 UNL 08		1029+5	C	00	-41					
09 UNL 04		1033+0	NW	06	-42					
10 UNL 05	IF	1034+3	NW	15	-37					
11 UNL 07		1012+5	NNW	10	-30	-30	-36	4		
12 090 01	BS	1012+2	NNW	45	-30	-30	-36	6		
13 UNL 08		1006+9	NE	15	-32	-32	-41	0		
14 UNL 15		1015+8	C	00	-36					
15 040 04	IF	1013+3	NE	03	-25	-25	-31	10		
16 020 02	IF	1009+0	NW	12	-24	-24	-34	10		
17 UNL 03	IC IF	1011+7	NW	07	-22	-22	-29	3		
18 UNL 01	BS	1018+0	NNW	31	-18	-18	-28	3		
19 UNL 03	IF	1028+0	NW	27	-33	-33	-42	2		
20 UNL 02	IF	1036+9	NNW	04	-31	-31	-40	3		
21 UNL 08		1037+6	NNW	15	-34	-34	-48	0		
22 UNL 08		1031+6	C	00	-22	-22	-31	2		
23 012 07		1026+1	S	16	-11	-11	-19	10		
24 018 08		1012+8	SE	07	-13	-13	-20	9		
25 080 07		1022+9	C	00	-02	-03	-10	10		
26 012 01	IF	1028+5	NW	06	-23	-23	-29	2		
27 UNL 02	BS	1027+3	NW	35	-18	-18	-26	10		
28 UNL 06	1/4BS	1024+4	NW	53	-14	-14	-23	5		
29 UNL 10		1029+9	NNW	35	-14	-14	-23	3		
30 080 08		1026+9	C	00	-11	-11	-19	9		
31 020 08		1025+5	S	04	-23	-23	-37	9		
AVG		1023+9		12	-26				04	

MOULD BAY NWT
JANUARY 1961 0500 MST

01 015 05	S-	1023+0	NNW	08	-21	-22	-28	10		
02 UNL 10		1021+5	C	00	-29	-29	-37	1		
03 UNL 10		1019+6	E	02	-27	-27	-41	2		
04 UNL 10		1021+0	C	00	-38					
05 UNL 10		1021+9	C	00	-34	-34	-48	0		
06 UNL 15		1023+5	C	00	-44					
07 UNL 10		1028+3	NW	04	-40					
08 UNL 04		1029+9	C	00	-44					
09 UNL 04	IF	1033+2	NW	08	-43					
10 UNL 05	IF	1034+1	NW	12	-39					
11 UNL 05	IF	1023+0	NNW	22	-33	-33	-39	0		
12 UNL 01	BS	1010+3	W	35	-25	-25	-31	5		
13 UNL 10		1016+2	C	00	-33	-33	-42	0		
14 UNL 15		1016+2	C	00	-33	-33	-42	0		
15 080 05	IF	1012+2	NW	15	-28	-28	-42	7		
16 020 02	IF	1008+7	NNW	18	-20	-20	-32	10		
17 UNL 03	IC IF	1012+5	NW	18	-23	-23	-30	2		
18 080 07		1020+2	NNW	22	-22	-22	-31	9		
19 UNL 03	IF	1029+6	NW	31	-32	-32	-41	2		
20 UNL 03	IF	1036+8	NW	09	-31	-31	-40	2		
21 UNL 08		1037+3	C	00	-36					
22 UNL 08		1029+6	S	04	-20	-20	-29	1		
23 090 07		1026+4	S	14	-12	-13	-20	8		
24 018 07	S-	1032+1	SE	03	-08	-08	-14	10		
25 015 07		1023+5	NW	05	-02	-02	-10	10		
26 UNL 00	3/4BS	1026+5	NW	28	-22	-22	-27	4		
27 UNL 02	BS	1027+2	NW	43	-18	-18	-26	0		
28 080 00	1/4BS	1021+4	NW	55	-11	-11	-19	8		
29 080 10		1030+2	NNW	25	-13	-14	-33	8		
30 080 07	S-	1027+4	NNW	05	-10	-10	-17	9		
31 025 07	S-	1024+2	SSE	03	-20	-20	-29	10		
AVG		1023+9		12	-26				04	

Date	Calling (100's ft)	Visibility (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
JANUARY 1961 0800 MST

01 100 07	S-	1022+7	NNW	09	-26	-26	-34	9		
02 UNL 10		1021+0	NNE	03	-24	-24	-36	4		
03 120 08		1020+0	NE	10	-28	-28	-39	9		
04 UNL 10		1021+0	C	00	-40					
05 UNL 08		1022+1	C	00	-37					
06 UNL 08		1024+1	C	00	-41					
07 UNL 10		1028+1	C	00	-42					
08 UNL 08		1029+6	C	00	-40					
09 UNL 08		1033+1	NW	04	-43					
10 UNL 03	IF	1033+1	NW	05	-38					
11 UNL 04	IF	1012+4	NW	20	-33	-33	-45	2		
12 UNL 00	1/4BS	1007+1	NNW	46	-26	-26	-32	5		
13 UNL 07		1009+9	C	00	-39					
14 UNL 08		1016+0	C	00	-36					
15 UNL 07		1011+5	NW	03	-25	-25	-35	3		
16 020 01	BS	1007+4	NW	35	-20	-20	-32	10		
17 UNL 01	BS	1012+2	NNW	30	-22	-22	-33	5		
18 090 07		1021+4	SW	10	-22	-22	-36	10		
19 UNL 01	IF	1031+6	NW	08	-29	-29	-35	4		
20 UNL 07		1036+6	NW	08	-32	-32	-41	2		
21 UNL 15		1036+8	W	08	-37					
22 UNL 08		1029+3	NE	08	-21	-21	-28	0		
23 UNL 07		1027+0	S	13	-12	-12	-20	10		
24 012 04	S-	1031+3	SSE	15	-03	-03	-09	10		
25 010 02	F	1023+6	NNW	05	01	00	-05	10		
26 UNL 00	3/4BS	1026+6	NW	30	-20	-20	-27	5		
27 UNL 01	BS	1027+2	NW	40	-19	-19	-27	3		
28 UNL 00	1/2BS	1029+3	NW	35	-12	-12	-20	7		
29 080 10		1029+3	NNW	15	-13	-14	-33	8		
30 UNL 10		1027+5	NW	08	-15	-15	-25	0		
31 020 04	S-	1022+5	S	07	-19	-19	-27	10		
AVG		1023+7		12	-26				05	

MOULD BAY NWT
JANUARY 1961 1100 MST

01 015 07		1022+4	NNW	07	-28	-28	-36	9		
02 UNL 08		1020+4	NNW	02	-24	-24	-36	3		
03 120 08		1020+5	C	00	-30	-30	-45	6		
04 UNL 10		1021+2	C	00	-40					
05 UNL 10		1022+0	C	00	-38					
06 UNL 10		1024+6	C	00	-40					
07 UNL 09	IF	1027+9	C	00	-40					
08 UNL 08		1030+2	N	03	-37					
09 UNL 04	IF	1033+2	NW	11	-43					
10 UNL 05	IF	1032+1	N	15	-37					
11 UNL 01	BS	1021+1	NW	30	-34	-34	-44	3		
12 UNL 00	1/4BS	1010+2	NNW	45	-25	-25	-31	5		
13 UNL 10		1016+2	C	00	-33	-33	-42	0		
14 UNL 10		1015+9	C	00	-33					
15 UNL 01	1/2IF	1010+8	NNW	07	-29	-29	-37	5		
16 UNL 02	IF	1008+0	NNW	20	-18	-18	-30	5		
17 020 02	IF	1012+7	NNW	14	-22	-22	-29	7		
18 UNL 04	BS	1021+3	SW	25	-24	-24	-36	3		
19 UNL 01	IF	1034+0	ESE	05	-29	-29	-35	0		
20 UNL 10		1037+2	NNW	07	-33	-33	-42	0		
21 UNL 08		1036+3	N	04	-28	-28	-39	2		
22 090 08		1027+0	SSE	02	-16	-17	-24	9		
23 030 04	SG-	1027+9	S	18	-11	-11	-18	10		
24 012 04	S-	1029+8	S	18	-02	-02	-08	10		
25 015 02	F	1024+5	NW	05	01	00	-05	10		
26 UNL 00	3/4BS	1026+0	NW	30	-14	-14	-24	9		
27 UNL 00	3/4BS	1026+5	NW	40	-16	-16	-22	4		
28 020 00	1/2BS	1024+0	NNW	32	-08	-09	-13	10		
29 050 08		1028+3	NNW	15	-11	-11	-20	9		
30 UNL 10		1027+9	C	00	-18	-19	-28	0		
31 020 03	S-	1021+7	SE	07	-10	-11	-18	10		
AVG		1023+6		12	-25				05	

Date	Calling (100's ft)	Visibility (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
JANUARY 1961 1400 MST

01 UNL 08		1022+6	N	09	-30	-30	-39	4		
02 UNL 08		1020+7	ENE	03	-26	-26	-39	3		
03 UNL 10		1020+7	C	00	-32	-32	-49	1		
04 UNL 10		1021+5	C	00	-41					
05 UNL 10		1022+3	C	00	-38					
06 UNL 10		1025+3	N	04	-39					
07 UNL 01	IF	1027+9	C	00	-39					
08 UNL 10		1031+2	N	03	-39					
09 100 04	IF	1033+5	NNW	18	-41					
10 100 04	IF	1030+9	NW	11	-33					
11 UNL 01	BS	1013+6	NW	34	-34	-34	-44	9		
12 UNL 00	1/4BS	1003+6	NNW	35	-21	-21	-26	5		
13 UNL 15		1012+2	NE	12	-38					
14 090 10		1016+0	E	02	-32	-32	-41	9		
15 030 02	IF	1010+2	NNE	10	-28	-28	-39	8		

SYNOPTIC OBSERVATIONS

MOULD BAY

Date	Calling (100's ft)	Visibility (feet)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hecto)
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MOULD BAY-NWT
FEBRUARY 1961 0200 MST

01 007 00	1/2BS		1014.6 S	35	-11	-11	-16	10		
02 UNL 03	IF		1007.1 SE	05	-20	-20	-30	4		
03 030 08			1005.9 C	00	-25	-26	-38	10		
04 UNL 07			1010.9 C	00	-29	-29	-44	4		
05 UNL 01	IF		1017.2 C	00	-31	-31	-37	3		
06 UNL 08			1016.2 SE	03	-28	-28	-36	3		
07 UNL 07			1019.1 C	00	-30	-30	-39	1		
08 UNL 08			1013.3 S	18	-16	-16	-24	4		
09 025 02	S-		1008.7 S	10	-08	-08	-16	10		
10 UNL 15			1020.4 N	18	-30	-31	-42	0		
11 UNL 07	IC		1025.5 NNW	10	-27	-27	-35	1		
12 UNL 08			1034.3 NNW	05	-47			0		
13 100 09	IF		1035.1 NNW	15	-51	-51	-37	8		
14 UNL 02	BS		1028.3 NNW	23	-36			5		
15 020 02	BS		1028.8 NW	22	-23	-23	-32	10		
16 UNL 01	IF		1016.1 NW	13	-14	-14	-20	3		
17 015 04	S-		1017.1 NW	07	-21	-21	-32	10		
18 050 04	SG-		1023.6 N	18	-18	-18	-23	7		
19 020 00	3/ABS		1013.2 NW	30	-20	-20	-27	9		
20 UNL 07			1019.2 NNW	14	-40			0		
21 UNL 07			1022.5 C	00	-36			0		
22 UNL 08	3/4IF		1017.8 S	10	-26	-26	-32	5		
23 UNL 05	IF		1008.8 C	00	-30	-30	-36	1		
24 020 01	BS		995.8 W	34	-30	-30	-19	10		
25 100 02	IF		996.4 W	17	-18	-18	-26	10		
26 UNL 04	IF		1005.7 NW	07	-30	-30	-42	0		
27 UNL 07			1013.8 C	00	-42			0		
28 UNL 02	IF		1017.9 E	02	-35			3		
AVG			1016.2	11	-27			05		

MOULD BAY-NWT
FEBRUARY 1961 0500 MST

01 004 00	3/ABS		1014.0 S	35	-09	-09	-14	10		
02 UNL 10			1006.4 SE	05	-22	-22	-32	3		
03 035 08			1004.2 C	00	-22	-22	-33	10		
04 UNL 07			1011.7 C	00	-31	-31	-40	4		
05 UNL 02	IF		1017.1 S	23	-27	-27	-33	4		
06 UNL 08			1018.2 C	00	-26	-26	-36	3		
07 UNL 08			1018.8 C	00	-28	-28	-39	4		
08 050 02	BS		1011.9 S	32	-12	-12	-19	10		
09 020 02	S-		1008.5 SW	15	-07	-07	-13	10		
10 UNL 15			1022.9 NNW	11	-31	-31	-37	0		
11 UNL 07	IC		1026.1 NNW	10	-29	-29	-37	2		
12 UNL 10			1034.9 N	05	-46			0		
13 UNL 01	BS		1033.8 NNW	25	-36			5		
14 UNL 01	BS		1029.5 NNW	27	-37			3		
15 030 02	BS		1027.4 NNW	20	-24	-25	-34	8		
16 UNL 03	IF		1014.7 NNW	18	-23	-23	-30	0		
17 012 04	S-		1017.7 NW	06	-18	-18	-25	10		
18 UNL 08			1024.9 NNW	11	-22	-22	-31	5		
19 030 04	IF		1013.0 NW	15	-24	-24	-32	9		
20 UNL 07			1019.7 NNW	-40				0		
21 UNL 07			1022.5 C	00	-37			0		
22 100 01	IF		1016.4 SW	15	-19	-20	-31	7		
23 UNL 04	IF		1008.1 C	00	-32	-32	-38	1		
24 020 01	BS		995.5 W	25	-26	-26	-34	10		
25 100 01	SG-		996.4 W	00	-16	-17	-24	9		
26 UNL 03	IF		1005.3 NW	12	-35	-35	-45	0		
27 UNL 10			1015.1 C	00	-42			0		
28 UNL 07			1017.9 ENE	04	-37			4		
AVG			1016.2	12	-27			05		

Date	Calling (100's ft)	Visibility (feet)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hecto)
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MOULD BAY-NWT
FEBRUARY 1961 0800 MST

01 090 00	1/2BS		1013.0 S	37	-11	-12	-19	9		
02 UNL 15			1004.4 S	07	-22	-22	-33	3		
03 040 07			1005.1 C	00	-22	-23	-31	10		
04 UNL 10	IC		1012.4 C	00	-32	-32	-41	2		
05 090 03	IF		1016.3 SW	20	-26	-26	-34	6		
06 UNL 08			1016.5 C	00	-27	-27	-38	1		
07 UNL 08			1018.3 C	00	-28	-28	-42	3		
08 040 07			1011.3 S	24	-11	-11	-18	10		
09 UNL 07			1009.5 W	10	-14	-14	-21	3		
10 UNL 08			1023.2 N	11	-28	-28	-42	0		
11 UNL 07			1026.4 SE	03	-31	-31	-43	3		
12 UNL 08			1035.4 NE	03	-42			5		
13 035 03	IF		1032.2 NW	15	-33			10		
14 UNL 01	BS		1030.3 NW	29	-35			5		
15 080 01	BS		1025.1 NNW	40	-23	-23	-32	7		
16 UNL 08			1014.5 SW	10	-28	-28	-42	3		
17 012 05	S-		1017.9 NW	10	-19	-19	-26	10		
18 UNL 08			1024.7 NE	04	-22	-22	-33	1		
19 080 01	IF		1012.9 N	16	-27	-27	-38	9		
20 UNL 08			1020.2 N	07	-39			2		
21 UNL 07			1021.7 C	00	-36			1		
22 008 01	IF		1013.0 SW	21	-23	-23	-32	8		
23 UNL 08			1007.3 C	00	-33	-33	-46	3		
24 008 01	IF		998.7 W	18	-27	-27	-35	10		
25 006 01	IF BS		996.8 SW	22	-17	-17	-25	9		
26 UNL 03	IF		1005.4 NW	18	-38			0		
27 UNL 10			1015.3 C	00	-42			0		
28 120 07			1017.3 C	00	-36			9		
AVG			1016.0	12	-28			05		

MOULD BAY-NWT
FEBRUARY 1961 1100 MST

01 090 01	IF		1012.9 SE	14	-15	-15	-21	6		
02 UNL 15			1003.6 C	00	-24	-24	-34	1		
03 030 04	S-		1005.7 C	00	-19	-19	-26	10		
04 UNL 07			1013.9 C	00	-34	-34	-44	6		
05 220 04	IF		1013.8 SW	22	-19	-19	-26	10		
06 UNL 10			1016.9 C	00	-29	-29	-40	1		
07 UNL 10			1018.0 C	00	-26	-26	-39	3		
08 025 02	IF		1011.1 S	18	-11	-11	-18	10		
09 015 07			1010.9 W	09	-14	-14	-21	8		
10 UNL 10			1023.9 C	00	-30	-30	-45	1		
11 012 02	IF		1026.9 NW	06	-28	-28	-36	9		
12 UNL 02	IF		1035.2 NNW	15	-40			1		
13 005 00	3/4IF		1030.0 N	08	-33	-33	-42	10		
14 080 01	1/2IF		1030.6 NW	18	-35			6		
15 004 01	IF		1024.7 SW	03	-22	-22	-29	10		
16 UNL 10			1014.3 NNW	11	-30	-30	-42	3		
17 030 08			1018.3 W	06	-20	-20	-29	10		
18 015 02	IF		1024.3 NNW	05	-28	-28	-39	9		
19 UNL 10			1014.2 NNE	16	-33	-33	-46	1		
20 UNL 10			1020.6 NNW	06	-39			1		
21 UNL 10			1021.4 NE	01	-36			0		
22 010 02	IF		1013.4 SW	20	-22	-22	-31	9		
23 UNL 10			1006.5 C	00	-36			1		
24 010 01	IF		998.3 W	23	-23	-23	-32	10		
25 002 00	3/4IF BS		996.8 SW	23	-15	-15	-23	10		
26 UNL 03	IF		1007.9 NNW	12	-40			2		
27 UNL 10			1016.0 C	00	-39			2		
28 120 08			1017.0 C	00	-36			8		
AVG			1016.0	08	-28			06		

Date	Calling (100's ft)	Visibility (feet)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hecto)
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MOULD BAY-NWT
FEBRUARY 1961 1400 MST

01 UNL 01	IF		1011.7 SSE	23	-17	-17	-23	5		
02 UNL 15			1003.4 C	00	-24	-24	-36	2		
03 020 02	S-		1006.6 C	00	-18	-18	-23	10		
04 220 03	IF		1015.2 C	00	-33	-33	-39	10		
05 100 02	IF		1016.8 S	15	-23	-23	-30	10		
06 UNL 07			1018.0 C	00	-33	-33	-39	1		
07 100 10			1017.8 SSE	05	-22	-22	-33	7		
08 080 07			1010.2 S	14	-13	-13	-21	6		
09 025 10			1012.6 NNW	20	-11	-11	-18	9		
10 UNL 10			1024.8 C	00	-30	-30	-45	2		
11 UNL 08			1028.2 NNW	11	-37			2		
12 003 01	IF		1035.7 NW	05	-38			9		
13 006 01	IF BS		1028.3 NNW	23	-29	-29	-37	10		
14 010 00	1/2BS		1030.0 NW	38	-28	-28	-34	9		
15 005 01	IF		1024.1 W	07	-20	-20	-24	10		
16 UNL 10			1014.7 NNW	08	-32	-32	-45	3		
17 080 08			1019.4 N	06	-20	-20	-29	9		
18 090 01	IF		1023.3 NNW	07	-26	-26	-34	9		
19 UNL 08			1015.8 NNW	07	-37			1		
20 UNL 10			1021.6 NNW	08	-37			2		
21 UNL 10			1021.0 ENE	03	-34	-34	-48	2		
22 010 05	S-IF		1012.7 SW	15	-22	-22	-29	2		
23 090 08			1006.1 C	00	-34	-34	-48	8		
24 008 01	IF		998.2 W	19	-21	-22	-30	10		
25 002 01	S-IF		997.5 WSW	17	-18	-18	-25	10		
26 UNL 05			1009.9 NW	07</						

SYNOPTIC OBSERVATIONS

MOULD BAY

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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MOULD BAY NWT
MARCH 1961 0200 MST

01 UNL 08	1014+8 C	00	-35	-35	-45	2				
02 UNL 02	IF	1019+7 NW	14	-44	1					
03 UNL 03	IF	1025+0 NNW	15	-45	3					
04 UNL 00 3/4IF	IF	1026+7 NNW	16	-39	0					
05 UNL 05	IF	1029+4 C	00	-31	-43	3				
06 UNL 04	IF	1023+1 NNW	07	-37	0					
07 UNL 07	IF	1028+8 SSE	08	-39	0					
08 UNL 02	IF	1025+6 SSW	02	-39	2					
09 UNL 00 3/4IF	BS	1030+9 NNW	24	+40	3					
10 UNL 01	IF	1029+1 NNW	07	-37	3					
11 UNL 06	IF	1029+0 C	00	-39	0					
12 UNL 01	IF	1029+7 NW	04	-42	0					
13 UNL 05	IF	1030+7 NNW	04	-40	1					
14 UNL 01 1/2IF	IF	1033+8 N	19	-42	0					
15 UNL 06	IF	1030+1 NNW	16	-35	-1					
16 UNL 04	IF	1021+8 N	14	-26	-36	0				
17 UNL 07	IF	1028+4 C	00	-34	-48	2				
18 UNL 03	IF	1022+0 NW	24	-34	-44	1				
19 UNL 03	BS	1027+0 NNW	10	-21	-30	0				
20 UNL 01	IF	1027+0 WSW	10	-26	-35	0				
21 UNL 01	IF	1026+0 NNW	17	-23	-30	0				
22 UNL 01	IF	1032+3 NW	12	-25	-35	4				
23 100 05	SG-	1033+1 NNE	20	-13	-23	7				
24 UNL 10		1038+9 N	24	-22	-31	0				
25 UNL 07	IC	1036+7 NNW	10	-29	-40	1				
26 UNL 01	IC	1035+1 NNW	10	-27	-37	3				
27 UNL 08		1035+9 NNW	09	-30	-42	1				
28 UNL 07		1037+3 C	00	-29	-40	2				
29 UNL 07		1031+1 NNW	13	-26	-37	3				
30 UNL 04	IC	1030+4 N	08	-32	-45	3				
31 UNL 07		1032+4 NE	20	-32	-45	1				
AVG	1029+3	11	-33	02						

MOULD BAY NWT
MARCH 1961 0500 MST

01 UNL 08	1014+3 C	00	-40	0						
02 UNL 01 1/2IF	IF	1021+5 NW	04	-46	0					
03 UNL 03	IF	1025+3 W	05	-45	1					
04 005 00 3/4IF	IF	1026+9 NNW	08	-36	8					
05 UNL 07	IF	1029+0 C	00	-32	-45	1				
06 UNL 07	IF	1024+2 C	00	-36	0					
07 UNL 07	IF	1029+0 SSE	11	-40	0					
08 UNL 03	IF	1025+6 C	00	-38	0					
09 UNL 02	IF	1031+5 NNW	20	+43	3					
10 004 01	IF	1028+3 NNW	10	-37	6					
11 UNL 04	IF	1028+7 C	00	-40	0					
12 UNL 01 1/2IF	IF	1030+4 C	00	-44	0					
13 UNL 04	IF	1030+5 NW	05	-41	0					
14 UNL 01	IF	1034+5 N	13	-40	0					
15 UNL 05	IF	1028+1 NNW	10	-32	-45	1				
16 UNL 05	IF	1021+7 NE	15	-29	-40	0				
17 UNL 07	IF	1028+1 E	02	-35	2					
18 UNL 02	IF	1021+9 NNW	13	-30	-42	2				
19 UNL 02	BS	1027+5 NNW	24	-22	-29	0				
20 UNL 01	IF	1026+4 NNW	12	-26	-36	0				
21 UNL 01	BS	1025+9 NNW	25	-20	-27	4				
22 090 04	IF	1032+4 W	08	-27	-37	7				
23 UNL 10		1034+0 NNE	12	-17	-28	3				
24 UNL 10		1039+8 NNE	19	-18	-32	1				
25 UNL 07	IC	1038+9 W	05	-30	-42	3				
26 UNL 10		1037+7 NNW	14	-31	-43	1				
27 100 08		1038+7 C	00	-32	-41	8				
28 015 04	SG-	1036+7 NNW	05	-30	-39	8				
29 UNL 10		1030+2 C	00	-31	-43	3				
30 UNL 03	IF	1031+4 NNW	12	-34	-46	0				
31 UNL 04	IF	1033+2 ENE	18	-33	-46	0				
AVG	1029+3	09	-33	02						

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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MOULD BAY NWT
MARCH 1961 0800 MST

01 UNL 10	1014+1 C	00	-40	0						
02 UNL 08	1022+2 C	00	-44	0						
03 UNL 04	IF	1025+5 NNW	13	-46	2					
04 100 01	IF	1027+0 NW	10	-32	-41	10				
05 UNL 07	IF	1028+7 C	00	-26	-34	1				
06 UNL 08	IF	1024+9 C	00	-39	0					
07 UNL 08	IF	1029+0 S	15	-36	3					
08 200 01	IF	1025+7 NW	12	-40	0					
09 UNL 01	IF	1031+5 NNW	15	-43	3					
10 010 01	IF	1028+0 NE	09	-37	6					
11 UNL 01	IF	1028+3 C	00	-39	3					
12 UNL 07	IF	1030+4 C	00	-43	0					
13 UNL 01	IF	1030+4 NNW	12	-43	3					
14 UNL 07	IF	1033+7 NNW	12	-40	0					
15 UNL 00 3/4IF	IF	1024+7 NNW	20	-30	-39	5				
16 UNL 00 3/4IF	IF	1023+1 W	04	-33	-46	3				
17 UNL 08	IF	1027+4 C	00	-32	-49	1				
18 UNL 01	IF	1022+2 N	15	-28	-39	3				
19 UNL 01 1/2IF	BS	1027+4 NNW	27	-24	-34	0				
20 UNL 01	IF	1025+8 NW	12	-28	-34	0				
21 090 00 3/4IF	BS	1026+1 N	19	-19	-24	9				
22 180 04	IF	1032+6 NNW	12	-26	-32	9				
23 080 07		1033+6 N	27	-16	-25	9				
24 UNL 10		1039+9 NNW	20	-28	-39	0				
25 UNL 10		1036+4 NNW	14	-29	-40	1				
26 UNL 08		1035+5 NNW	05	-28	-42	0				
27 UNL 07		1035+8 NNW	06	-30	-45	4				
28 UNL 05	IF	1036+1 N	07	-32	-41	4				
29 UNL 02	IF	1028+2 NE	03	-20	-27	4				
30 UNL 07		1033+1 N	15	-34	-44	4				
31 UNL 06	IF	1034+2 NW	03	-30	-39	0				
AVG	1029+2	10	-33	03						

MOULD BAY NWT
MARCH 1961 1100 MST

01 UNL 07	1014+7 NNW	04	-37	3						
02 UNL 02	IF	1022+9 NW	05	-40	0					
03 UNL 01	IF	1024+6 NNW	10	-43	0					
04 200 01	IF	1027+0 NNW	14	-32	-41	10				
05 UNL 07	IC	1028+2 C	00	-26	-34	2				
06 UNL 10	IF	1025+4 C	00	-38	0					
07 200 04	IF	1028+7 S	10	-36	8					
08 200 00 3/4IF	IF	1026+0 NNW	20	-41	10					
09 UNL 02	IF	1031+3 NNW	05	-43	0					
10 100 01	IF	1027+4 W	04	-37	10					
11 UNL 05	IF	1028+0 NNW	07	-39	0					
12 UNL 08	IF	1030+7 C	00	-41	0					
13 UNL 01	IF	1030+6 N	14	-38	10					
14 200 05	IF	1032+8 NNW	16	-38	0					
15 100 03	S-	1034+1 NNW	08	-29	-37	9				
16 UNL 15		1024+4 C	00	-29	-37	0				
17 UNL 15		1026+9 NW	07	-30	-41	4				
18 UNL 03	IF	1023+3 NNW	14	-25	-36	4				
19 UNL 01	IF	1028+3 NNW	13	-24	-34	0				
20 UNL 01	IF	1025+7 NNW	10	-27	-37	0				
21 080 00 3/4IF	BS	1027+6 N	22	-18	-25	9				
22 100 01	IF	1032+7 NNW	17	-25	-31	9				
23 080 05	BS	1033+7 N	30	-13	-20	9				
24 UNL 10		1040+2 WSW	04	-27	-41	0				
25 UNL 04	IF	1038+2 N	18	-28	-39	1				
26 UNL 10		1036+8 NNW	13	-28	-42	0				
27 UNL 08		1036+0 NNW	10	-30	-45	0				
28 UNL 10		1035+6 C	00	-29	-46	0				
29 UNL 01	IF	1027+2 NW	16	-24	-32	3				
30 UNL 08		1032+4 N	13	-29	-37	0				
31 UNL 08		1033+9 NE	21	-24	-35	5				
AVG	1029+2	10	-31	03						

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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MOULD BAY NWT
MARCH 1961 1400 MST

01 UNL 07	1015+3 NW	07	-36	3						
02 UNL 03	IF	1023+2 C	00	-37	4					
03 UNL 02	IF	1025+2 NW	07	-39	3					
04 UNL 01	IF	1027+0 N	12	-30	-42	10				
05 UNL 02	IC	1027+0 NNE	11	-26	-34	2				
06 UNL 08	IF	1026+1 C	00	-36	0					
07 200 04	IF	1028+5 SSW	10	-35	10					
08 UNL 02	IF	1027+5 NNW	03	-37	0					
09 UNL 02	IF	1030+9 C	00	-39	0					
10 UNL 01	IF	1027+3 NNW	15	-36	3					
11 UNL 05	IF	1027+8 NNW	20	-37	0					
12 UNL 08	IF	1031+1 C	00	-37	0					
13 UNL 07	IF	1031+6 NNE	12	-43	0					
14 200 05	IF	1032+9 NW	14	-37	9					
15 UNL 10		1023+5 NNW	06	-25	-26	-35	1			
16 UNL 10		1026+2 C	00	-25	-25	-35	0			
17 UNL 10		1026+3 NNW	08	-30	-45	0				
18 UNL 03	IF	1023+9 NNW	20	-20	-30	3				

SYNOPTIC OBSERVATIONS

MOULDBAY

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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MOULDBAY NWT
APRIL 1961 0200 MST

01 UNL 10		1035.0	WNW	06	-25	-26	-35	0		
02 UNL 15		1025.8	C	00	-26	-27	-39	0		
03 UNL 05	IC	1019.3	C	00	-32	-32	-45	2		
04 UNL 05	IF	1016.1	N	10	-30	-31	-42	7		
05 200 03	S-	1022.2	C	00	-28	-29	-39	10		
06 UNL 07		1024.1	NNE	05	-23	-23	-32	4		
07 UNL 01	BS	1024.5	NE	32	-32	-32	-45	4		
08 100 03	S-	1020.9	NW	17	-27	-27	-41	10		
09 220 05	IF	1022.1	NW	10	-29	-29	-38	8		
10 UNL 10		1027.6	NNW	06	-25	-25	-35	0		
11 100 00	1/4BS	1024.8	NE	28	-15	-16	-23	8		
12 090 00	1/8BS	1015.1	NE	35	-05	-05	-11	9		
13 UNL 08		1012.7	N	03	-17	-18	-25	9		
14 010 06	IF	1021.0	ENE	26	-10	-10	-17	10		
15 UNL 10		1019.4	N	03	-24	-24	-36	4		
16 060 03	IF	1020.0	S	19	-23	-23	-35	10		
17 UNL 10		1016.6	C	00	-27	-27	-41	0		
18 UNL 10		1014.9	C	00	-22	-22	-38	0		
19 004 05	3/8S-F	1016.0	N	14	-05	-05	-10	10		
20 080 15		1016.6	NE	07	06	06	01	9		
21 UNL 15		1016.1	C	00	-06	-06	-12	1		
22 030 03	S-F	1016.9	N	11	09	08	04	10		
23 120 07		1009.9	N	10	-05	-05	-10	7		
24 080 07		1008.1	N	05	-05	-05	-12	9		
25 035 04		1009.5	A	09	-05	-05	-11	9		
26 UNL 15		1027.1	S	06	-05	-05	-11	4		
27 008 02	S-	1020.0	S	14	12	12	09	10		
28 UNL 15		1026.6	NNW	04	04	04	-02	3		
29 006 04	F	1025.6	C	00	01	00	-05	10		
30 025 03	F	1029.7	NW	16	-11	-11	-16	9		

AVG 1020.5 10 -15 -15 -23 06

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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MOULDBAY NWT
APRIL 1961 0800 MST

01 UNL 10		1031.0	NE	07	-26	-26	-36	0		
02 UNL 15		1025.3	ENE	02	-34	-34	-44	0		
03 160 10		1017.8	NW	13	-30	-30	-39	9		
04 UNL 10		1018.3	N	10	-30	-30	-39	1		
05 100 10	S-	1022.3	C	00	-23	-23	-30	9		
06 UNL 10		1024.5	C	00	-29	-29	-37	0		
07 200 01	1/2IF	1024.6	NE	17	-30	-30	-36	4		
08 160 06	IF	1018.6	NNW	13	-27	-27	-38	7		
09 UNL 15		1023.7	C	00	-28	-28	-39	9		
10 UNL 01	BS	1028.1	NE	33	-21	-21	-34	4		
11 100 05	IF	1024.1	ENE	26	-13	-14	-24	4		
12 020 01	IF	1014.5	N	10	-09	-10	-19	10		
13 UNL 15		1015.0	S	03	-15	-16	-31	3		
14 UNL 08		1020.4	ENE	21	-11	-12	-24	3		
15 UNL 15		1018.4	C	00	-29	-29	-40	4		
16 UNL 07	IC	1021.0	SE	07	-26	-27	-39	4		
17 UNL 15		1015.1	C	00	-30	-30	-39	3		
18 UNL 15	IC	1015.2	C	00	-19	-19	-26	0		
19 UNL 15		1016.3	N	13	-03	-03	-11	8		
20 070 10		1016.2	N	05	04	03	-02	9		
21 UNL 15		1016.5	E	03	-10	-10	-17	5		
22 012 02	S-F	1015.6	N	09	06	06	01	10		
23 080 10		1007.4	NNW	12	-03	-03	-09	7		
24 080 05	S-	1011.9	N	04	-06	-07	-13	6		
25 070 15	S-	1024.5	C	00	-25	-25	-35	8		
26 UNL 10		1027.5	S	09	-01	-01	-08	1		
27 009 04	S-	1019.0	SSW	12	17	16	13	10		
28 070 03	IF	1026.3	C	00	02	01	-03	8		
29 UNL 15		1025.7	C	00	-11	-11	-21	0		
30 UNL 10		1030.6	NNW	15	-11	-11	-19	3		

AVG 1020.5 08 -15 -16 -24 05

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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MOULDBAY NWT
APRIL 1961 1400 MST

01 UNL 08		1028.5	N	10	-20	-20	-29	0		
02 UNL 10		1024.0	C	00	-22	-22	-36	0		
03 UNL 02	IF	1016.7	NW	14	-23	-26	-38	8		
04 UNL 15		1020.9	C	00	-23	-23	-35	1		
05 050 10		1023.5	N	07	-20	-20	-29	9		
06 UNL 10		1024.9	C	00	-25	-25	-35	0		
07 UNL 04	BS	1024.2	NNE	25	-22	-22	-31	6		
08 160 07		1019.0	NNW	09	-25	-25	-35	8		
09 180 03	IF	1024.5	NNW	07	-20	-20	-29	9		
10 UNL 01	BS	1027.3	NE	30	-13	-14	-27	7		
11 120 07		1022.3	NE	20	-07	-08	-19	10		
12 UNL 07		1013.7	NE	14	-05	-05	-15	9		
13 UNL 15		1017.9	NE	10	-10	-11	-27	2		
14 UNL 13		1022.4	N	11	-10	-11	-21	0		
15 UNL 03	IC IF	1018.1	S	20	-18	-18	-30	10		
16 UNL 10	IC	1020.1	SE	08	-16	-16	-25	0		
17 UNL 08		1014.7	C	00	-09	-10	-17	8		
18 UNL 15		1015.0	C	00	-10	-10	-19	2		
19 UNL 15		1016.2	N	14	04	03	-04	5		
20 080 10		1016.2	C	00	10	10	05	9		
21 180 08		1017.0	C	00	00	00	-06	10		
22 010 02	S-F	1019.9	N	11	09	08	04	10		
23 005 02	S-F	1005.6	NNW	20	-08	-08	-06	10		
24 015 03	S-F	1015.4	N	15	-02	-03	-08	10		
25 UNL 15		1025.5	S	05	-02	-03	-05	8		
26 UNL 10		1025.6	S	24	10	09	06	6		
27 UNL 10		1024.1	NW	21	14	14	10	2		
28 007 01	1/2S-F	1026.2	NW	11	07	07	04	10		
29 UNL 07		1026.7	NW	13	-05	-05	-12	1		
30 UNL 04	IF	1031.5	W	10	-02	-02	-08	5		

AVG 1020.7 11 -09 -09 -17 06

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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MOULDBAY NWT
APRIL 1961 2000 MST

01 UNL 10		1026.8	C	00	-24	-24	-39	0		
02 UNL 10		1022.1	C	00	-30	-31	-45	0		
03 200 04	IF	1016.0	NNW	07	-24	-24	-36	10		
04 UNL 10		1022.2	C	00	-27	-28	-41	6		
05 200 05	S-	1024.1	NNW	09	-25	-25	-35	10		
06 UNL 03	IF	1023.3	C	00	-29	-29	-40	3		
07 200 01	IF	1023.3	NNW	03	-22	-22	-39	10		
08 010 04	S-	1025.5	NNW	10	-24	-24	-36	10		
09 UNL 15		1025.7	N	05	-22	-22	-31	0		
10 100 00	1/4BS	1026.3	NE	34	-11	-12	-19	10		
11 015 04	S-IF	1020.1	NE	13	-08	-08	-14	10		
12 UNL 10		1013.1	N	24	-11	-12	-20	5		
13 UNL 07		1020.0	ENE	23	-12	-13	-23	7		
14 UNL 15		1021.0	S	10	-19	-20	-39	0		
15 UNL 08		1018.7	S	13	-23	-23	-35	9		
16 UNL 10		1017.9	NE	10	-19	-19	-24	2		
17 UNL 15		1013.8	C	00	-14	-15	-23	1		
18 080 10		1015.2	N	07	-05	-06	-11	9		
19 UNL 15		1016.0	C	00	05	05	-02	3		
20 UNL 15		1015.7	C	00	06	05	01	2		
21 040 04	S-	1017.2	N	07	09	08	05	10		
22 080 05	S-	1012.3	NE	14	03	03	-03	8		
23 080 07	S-F	1006.2	NW	07	-01	-01	-08	9		
24 060 07		1018.6	N	13	-05	-05	-11	9		
25 UNL 15		1026.8	S	08	05	05	-08	8		
26 060 07		1022.9	S	17	09	09	05	9		
27 UNL 10		1026.3	C	00	15	15	12	7		
28 UNL 15		1026.1	NNW	14	03	03	-03	3		
29 UNL 04	IF	1027.8	NW	12	-05	-05	-11	0		
30 UNL 03	IC IF	1031.6	NNW	04	00	00	-09	4		

AVG 1020.7 09 -11 -11 -19 06

MOULDBAY NWT
APRIL 1961 0500 MST

01 UNL 08		1031.8	NE	09	-24	-24	-39	0		
02 UNL 15		1025.4	C	00	-31	-31	-47	0		
03 UNL 04	IF	1018.4	NNW	10	-31	-31	-43	10		
04 200 10		1017.1	NNE	16	-27	-28	-41	10		
05 090 03	S-	1022.2	C	00	-25	-25	-33	10		
06 UNL 00	1/2IF	1024.1	C	00	-26	-27	-34	3		
07 200 00	1/2IF	1024.6	NE	22	-34	-35	-44	10		
08 015 01	1/2S-	1019.5	NNW	16	-27	-28	-38	10		
09 UNL 07		1022.9	C	00	-30	-30	-45	5		
10 UNL 07		1028.5	NNE	12	-24	-25	-34	1		
11 020 03	BS	1025.2	NNE	11	-15	-15	-23	10		
12 100 00	IF	1014.3	ENE	40	-07	-07	-13	9		
13 080 07		1013.2	N	06	-17	-17	-25	9		
14 008 04	S-IF	1021.0	NNW	09						

SYNOPTIC OBSERVATIONS

MOULD BAY

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 (heaviness)
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MOULD BAY NWT
MAY 1961 0200 MST

01 140 02	1/25-IF	1031.0	C	00	-01	-01	-07	6		
02 UNL 00	1/4IF	1026.0	C	00	-05	-05	-11	5		
03 080 02	1/25G-IF	1019.4	SSE	07	02	02	-04	7		
04 004 00	3/4S-IF	1009.9	NE	16	03	03	-03	10		
05 030 03	BS	1021.1	NE	22	-06	-06	-11	8		
06 010 03	IF	1031.0	NE	12	-03	-04	-10	10		
07 080 07		1024.3	SW	18	06	05	01	9		
08 010 01	IC F	1015.7	WSW	10	12	11	07	10		
09 040 07	S-	1021.3	NNW	08	12	11	08	10		
10 030 07		1027.9	NE	14	09	08	04	10		
11 UNL 15		1030.0	C	00	03	02	-03	1		
12 100 10		1026.3	NW	16	04	04	00	10		
13 UNL 07		1024.0	NNW	10	05	04	01	4		
14										
15										
16 008 04	S-	1020.5	C	00	20	19	17	10		
17 025 05	S-	1015.1	E	22	10	09	06	10		
18 030 10		1014.2	SE	11	11	10	07	9		
19 010 03	S-	1014.1	C	00	15	15	12	10		
20 010 10		1017.3	E	10	15	15	12	10		
21 008 03	S-	1014.8	S	03	19	19	16	10		
22 010 04	S-	1030.5	S	04	14	14	11	10		
23 080 08		1033.7	S	10	17	17	12	9		
24 028 10		1021.0	NE	05	25	23	19	10		
25 UNL 15		1028.9	C	00	16	14	07	9		
26 UNL 15		1028.6	S	04	14	13	09	4		
27 001 00	1/8F	1017.7	S	10	19	18	16	10		
28 010 08		1005.3	S	18	30	29	27	10		
29 007 08		995.5	W	10	33	32	29	10		
30 007 07		1003.5	NNW	21	28	26	24	10		
31 UNL 15		1016.0	NW	12	19	18	13	1		

AVG

MOULD BAY NWT
MAY 1961 0500 MST

01 090 03	S-IF	1029.8	WSW	03	01	01	-04	10		
02 003 00	1/4IF	1025.0	C	00	-08	-08	-14	10		
03 010 04	S-IF	1017.7	ESE	14	04	04	-02	10		
04 UNL 03	IF BS	1010.4	NE	17	01	00	-04	5		
05 UNL 15		1023.0	NNE	15	-09	-10	-16	3		
06 012 06	IF	1031.6	NNW	09	-06	-06	-11	10		
07 080 07		1022.6	SW	22	08	07	04	10		
08 010 01	SG-IF	1015.5	WSW	05	13	13	09	10		
09 040 07	S-	1021.1	N	10	13	12	09	10		
10 025 07		1028.7	NNE	20	07	07	03	10		
11 UNL 15		1029.6	NW	06	02	01	-05	2		
12 080 06	IF	1025.6	NNW	15	05	04	-02	10		
13 UNL 15		1024.0	NW	10	02	01	-03	3		
14 200 03	IC IF	1024.4	NNW	03	06	06	01	7		
15 010 06	S-	1027.3	NW	08	17	17	14	10		
16 008 06	S-	1021.7	C	00	19	18	15	10		
17 020 03	S-	1015.1	E	23	09	09	05	10		
18 UNL 10		1014.4	C	00	07	07	02	7		
19 015 03	S-	1013.7	S	01	15	15	13	10		
20 025 08		1017.7	ESE	08	13	12	08	10		
21 008 02	S-	1014.4	S	13	18	17	13	10		
22 UNL 15		1027.8	NW	09	10	10	05	4		
23 003 00	1/4F	1034.1	S	10	15	15	12	10		
24 025 10		1023.7	C	00	21	20	15	9		
25 UNL 15		1024.9	N	12	15	14	08	0		
26 UNL 15		1028.6	NW	08	13	11	05	2		
27 006 02	F	1019.5	S	13	17	16	13	10		
28 025 10		1016.1	S	04	28	28	24	10		
29 010 08		996.0	W	03	33	33	32	10		
30 005 03	S-	1002.0	NNW	18	28	26	23	10		
31 UNL 07		1016.0	NW	08	20	18	14	1		

AVG

1020.4 09 11 10 06 08

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 (heaviness)
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MOULD BAY NWT
MAY 1961 0800 MST

01 UNL 08	IC	1028.8	C	00	02	02	-05	2		
02 006 05	IF	1023.9	C	00	-01	-01	-05	10		
03 080 04	IF	1016.3	ESE	12	05	05	00	9		
04 UNL 07		1011.4	NE	20	-01	-02	-08	2		
05 070 01	IF	1025.2	NE	17	-08	-08	-14	7		
06 UNL 04	IF	1031.8	NW	04	-06	-06	-12	1		
07 050 10		1021.5	SW	20	08	08	04	10		
08 010 01	S-F	1015.6	C	00	11	11	07	10		
09 010 01	S-F	1021.7	NNW	12	11	11	07	10		
10 020 07		1029.0	NNE	20	08	07	03	10		
11 UNL 15		1029.5	NW	12	04	04	-02	0		
12 200 05	BS	1024.0	NW	28	06	05	01	10		
13 UNL 07		1024.3	NNW	07	03	02	-03	1		
14 008 02	S-	1025.3	NW	10	08	08	04	10		
15 020 07	S-	1026.8	NW	17	20	19	17	9		
16 008 04	S-	1020.5	C	00	20	19	17	10		
17 025 05	S-	1015.1	E	22	10	09	06	10		
18 030 10		1014.2	SE	11	11	10	07	9		
19 010 03	S-	1014.1	C	00	15	15	12	10		
20 010 10		1017.3	E	10	15	15	12	10		
21 008 03	S-	1014.8	S	03	19	19	16	10		
22 010 04	S-	1030.5	S	04	14	14	11	10		
23 080 08		1033.7	S	10	17	17	12	9		
24 028 10		1021.0	NE	05	25	23	19	10		
25 UNL 15		1028.9	C	00	16	14	07	9		
26 UNL 15		1028.6	S	04	14	13	09	4		
27 001 00	1/8F	1017.7	S	10	19	18	16	10		
28 010 08		1005.3	S	18	30	29	27	10		
29 007 08		995.5	W	10	33	32	29	10		
30 007 07		1003.5	NNW	21	28	26	24	10		
31 UNL 15		1016.0	NW	12	19	18	13	1		

AVG

MOULD BAY NWT
MAY 1961 1100 MST

01 UNL 10		1028.5	C	00	01	00	-06	0		
02 007 07		1023.5	C	00	02	02	-03	10		
03 008 01	S-IF	1014.6	SSE	10	09	09	04	10		
04 UNL 01	1/2BS	1012.5	NE	29	-02	-02	-09	2		
05 025 02	1/2IF	1026.5	NE	18	-03	-03	-08	9		
06 UNL 05	IF	1030.9	S	03	-02	-02	-09	1		
07 040 04	BS	1019.2	WSW	28	12	12	08	10		
08 015 03	S-	1015.6	C	00	16	16	13	10		
09 020 02	S-F	1028.9	C	00	22	22	19	9		
10 UNL 07		1029.3	NNE	13	08	07	03	3		
11 UNL 15		1028.4	NNW	15	07	06	03	3		
12 UNL 10		1023.8	NW	23	09	09	05	10		
13 UNL 10		1024.3	NW	11	06	06	01	1		
14 008 03	S-	1025.7	S	04	12	12	08	10		
15 008 07	S-	1026.2	NW	18	20	19	17	9		
16 008 03	S-	1019.5	E	13	18	17	15	10		
17 025 07		1014.5	E	15	11	11	07	8		
18 UNL 15		1013.7	SE	08	13	13	09	1		
19 010 05	S-	1014.9	NNW	06	18	18	15	10		
20 015 07	S-	1016.7	ESE	13	16	16	13	10		
21 008 03	S-	1019.3	S	22	19	19	16	10		
22 010 07		1031.1	NW	09	15	15	12	10		
23 015 07		1033.2	S	09	19	19	16	9		
24 010 10		1018.7	NNW	04	27	26	26	10		
25 UNL 15		1026.2	N	18	17	17	13	3		
26 UNL 15		1028.0	C	00	16	15	11	7		
27 UNL 10		1015.1	S	10	22	22	19	2		
28 010 05	R-	1003.6	ESE	06	33	32	28	10		
29 010 08		995.1	NW	15	32	31	30	10		
30 006 03	S-F	1005.3	NNW	17	29	29	27	10		
31 005 05	F	1016.3	NW	10	21	20	16	10		

AVG

1020.0 12 14 14 10 07

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 (heaviness)
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MOULD BAY NWT
MAY 1961 1400 MST

01 UNL 15		1028.1	C	00	03	03	-03	0		
02 010 07		1022.9	S	09	04	04	-01	10		
03 006 00	3/4S-IF	1012.6	SE	13	10	10	06	10		
04 UNL 01	BS	1014.3	NE	25	-02	-03	-09	5		
05 UNL 08		1027.8	NNW	18	-01	-02	-08	3		
06 080 04	IF	1030.1	WSW	16	02	02	-03	10		
07 040 02	1/2BS	1018.6	WSW	15	13	13	09	9		
08 050 05	S-	1016.7	C	00	19	19	16	7		
09 040 02	S-F	1024.3	N	08	11	10	07	9		
10 UNL 15		1029.8	NNE	10	11	10	08	2		
11 UNL 15		1028.6								

SYNOPTIC OBSERVATIONS

MOULD BAY

Date	Cloud (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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MOULD BAY MMT
JUNE 1961 0200 MST

01										
02										
03										
04										
05										
06										
07										
08										
09										
10										
11										
12										
13 UNL 15	1018.4 S	08	34	33	34	2				
14 100 15	1013.6 M	00	36	35	33	9				
15 012 08	1025.1 NNE	24	34	32	31	10				
16 004 04	1009.8 NNW	36	34	32	31	10				
17 004 04	1017.7 NW	23	31	30	29	10				
18 UNL 15	1017.7 SSE	03	37	36	35	8				
19 UNL 15	1004.9 SE	07	36	34	32	3				
20 090 15	1002.3 S	10	36	36	34	10				
21 006 05	1006.7 W	22	33	31	30	10				
22 005 08	1015.1 W	13	32	32	31	8				
23 005 10	1022.1 N	10	30	29	27	10				
24 200 15	1020.4 N	08	39	34	35	7				
25 018 10	1028.7 NE	13	33	32	33	10				
26 070 15	1016.0 ENE	15	33	31	29	9				
27 010 10	1017.5 N	15	33	32	29	9				
28 001 07	1015.1 NW	20	33	32	32	10				
29 004 07	1008.0 NNW	28	33	33	32	10				
30 UNL 08	1010.0 NNW	17	33	32	30	4				

AVG

MOULD BAY MMT
JUNE 1961 0500 MST

01										
02 UNL 15	1017.3 NNW	15	21	20	17	10				
03 UNL 30	1014.0 NE	22	19	18	14	2				
04 UNL 15	1020.9 NNE	15	19	18	14	4				
05 010 15	1024.0 W	05	20	19	15	10				
06 UNL 10	1023.0 W	12	23	22	20	3				
07 UNL 15	1026.0 N	05	23	22	18	1				
08 025 10	1022.8 E	20	27	26	23	10				
09 080 15	1012.6 ESE	16	34	31	27	10				
10 006 08	1015.9 SW	07	32	31	31	10				
11 080 01	1024.0 M	00	30	29	27	7				
12 065 15	1024.3 S	12	32	30	28	8				
13 000 00	1018.0 S	04	32	31	31	10				
14 UNL 15	1017.7 WSW	00	35	34	32	1				
15 025 15	1016.2 N	17	33	31	29	10				
16 008 07	1013.7 W	28	31	29	28	9				
17 002 04	1018.6 W	04	31	30	29	10				
18 UNL 15	1016.7 M	00	35	34	31	1				
19 015 15	1004.8 M	00	40	38	37	9				
20 004 15	1000.8 SW	04	37	36	35	10				
21 005 04	1007.7 W	17	33	32	30	9				
22 005 08	1016.6 W	15	32	31	29	8				
23 008 10	1021.8 NW	06	32	31	28	10				
24 100 15	1020.1 N	08	35	34	31	9				
25 015 15	1018.2 NE	15	33	32	30	9				
26 015 15	1019.6 NE	12	33	32	30	9				
27 010 05	1017.8 N	18	34	33	30	9				
28 002 04	1014.0 NW	17	33	32	31	10				
29 004 04	1007.7 NNW	22	33	32	31	10				
30 008 05	1010.7 NNW	18	33	31	29	9				

AVG

1016.3 11 03 03 27 01

Date	Cloud (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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MOULD BAY MMT
JUNE 1961 0800 MST

01										
02 UNL 15	1011.5 SW	10	30	29	26	1				
03 020 15	1014.7 NE	22	21	20	17	9				
04 010 10	1021.7 E	15	21	19	14	9				
05 010 10	1024.4 W	10	20	19	15	10				
06 UNL 15	1023.1 NNW	05	24	23	19	1				
07 UNL 15	1026.6 NNW	06	26	26	23	4				
08 025 10	1021.9 E	18	28	27	25	10				
09 025 10	1011.6 E	18	34	33	31	10				
10 018 07	1016.9 S	08	31	29	28	10				
11 040 10	1024.5 C	00	31	29	27	8				
12 080 15	1023.2 S	18	35	31	25	7				
13 UNL 15	1017.6 C	00	31	30	29	9				
14 100 15	1011.4 C	00	37	35	34	9				
15 015 15	1017.3 N	20	33	32	30	8				
16 010 07	1015.8 NNW	28	30	29	27	9				
17 UNL 15	1018.6 NNW	07	32	32	31	2				
18 UNL 15	1019.2 S	12	37	35	33	2				
19 UNL 15	1005.3 SW	05	31	30	29	9				
20 003 15	1009.5 S	28	36	35	35	10				
21 006 15	1008.2 SW	08	34	33	30	8				
22 002 10	1017.8 NNW	06	35	34	31	9				
23 100 15	1021.4 NW	08	34	32	30	8				
24 007 15	1019.7 NNE	03	38	36	33	5				
25 015 15	1017.8 NE	13	34	33	32	10				
26 015 15	1015.6 NE	15	34	32	29	10				
27 010 07	1017.7 NNW	17	36	34	31	9				
28 002 04	1013.2 NW	18	33	32	30	10				
29 004 03	1007.5 NNW	20	34	33	32	10				
30 008 07	1010.8 NNW	17	34	33	32	9				

AVG

1016.2 12 32 30 28 08

MOULD BAY MMT
JUNE 1961 1100 MST

01										
02 UNL 15	1016.1 S	10	27	27	24	9				
03 010 15	1010.7 SSW	16	33	31	29	0				
04 010 15	1015.6 NE	21	21	20	16	9				
05 010 15	1022.0 NE	11	25	23	17	9				
06 015 10	1024.1 WSW	08	21	20	14	9				
07 015 15	1023.0 W	18	28	26	22	6				
08 015 10	1026.7 C	00	28	26	23	4				
09 010 10	1020.9 SE	15	32	31	28	10				
10 010 10	1010.4 ESE	09	34	32	30	10				
11 015 07	1018.4 S	07	32	31	30	10				
12 UNL 15	1025.0 C	00	34	32	28	1				
13 080 15	1022.4 S	11	35	33	30	8				
14 UNL 07	1017.3 C	00	32	32	31	5				
15 025 15	1011.2 C	00	39	38	36	9				
16 010 15	1017.9 NNE	17	33	31	29	9				
17 UNL 15	1018.0 NNW	28	32	32	31	9				
18 UNL 15	1017.2 NW	18	36	35	33	1				
19 005 15	1012.8 S	17	39	37	35	10				
20 002 15	1006.4 SSW	04	39	38	37	9				
21 006 15	1000.5 NNW	14	36	35	34	9				
22 010 10	1009.3 WSW	04	34	33	31	7				
23 150 15	1020.7 NNW	13	37	36	34	7				
24 010 15	1020.7 NNW	12	39	37	34	9				
25 010 15	1018.7 S	07	40	38	35	9				
26 010 15	1017.4 ENE	12	36	34	30	9				
27 010 15	1019.6 ENE	16	36	34	31	9				
27 005 05	1011.7 W	18	37	36	32	9				
28 005 05	1012.0 NNW	20	35	33	31	9				
29 005 03	1007.5 NW	18	34	33	32	10				
30 015 07	1011.0 NW	15	35	33	29	10				

AVG

1016.2 12 33 32 29 08

Date	Cloud (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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MOULD BAY MMT
JUNE 1961 1400 MST

01										
02 UNL 15	1015.6 SSW	17	29	29	27	6				
03 010 15	1009.9 WSW	15	34	29	21	1				
04 010 15	1016.6 NE	22	23	21	17	9				
05 010 10	1022.7 NE	09	26	24	20	9				
06 025 10	1023.9 W	09	24	22	19	9				
07 010 15	1023.5 NNW	14	30	29	26	9				
08 025 10	1026.0 C	00	31	29	25	7				
09 006 04	1019.6 ESE	13	33	32	29	8				
10 010 07	1010.4 E	06	35	34	32	10				
11 080 15	1025.0 C	00	35	34	31	9				
12 080 15	1011.6 S	15	40	38	37	10				
13 100 07	1016.4 C	00	37	35	32	9				
14 100 15	1010.8 NNE	09	42	40	36	9				
15 UNL 15	1017.5 NW	22	33	32	31	4				
16 008 07	1017.7 NNW	28	34	32	31	9				
17 UNL 15	1018.6 NW	17	40	37	34	0				
18 250 15	1011.6 S	15	40	38	37	10				
19 UNL 15	1006.7 C	00	39	38	37	0				
20 008 15	1002.5 W	12	36	35	33	9				
21 UNL 15	1009.8 W									

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

Table with 10 columns: Date, Ceiling (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).

RESOLUTE NMT JANUARY 1961 0000 CST

Table with 10 columns: Date, Ceiling (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).

RESOLUTE NMT JANUARY 1961 0600 CST

Table with 10 columns: Date, Ceiling (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).

RESOLUTE NMT JANUARY 1961 1200 CST

Table with 10 columns: Date, Ceiling (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).

RESOLUTE NMT JANUARY 1961 1800 CST

Table with 10 columns: Date, Ceiling (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).

RESOLUTE NMT JANUARY 1961 0300 CST

Table with 10 columns: Date, Ceiling (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).

RESOLUTE NMT JANUARY 1961 0900 CST

Table with 10 columns: Date, Ceiling (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).

RESOLUTE NMT JANUARY 1961 1500 CST

Table with 10 columns: Date, Ceiling (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).

RESOLUTE NMT JANUARY 1961 2100 CST

Table with 10 columns: Date, Ceiling (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).

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

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 (height)
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RESOLUTE NWT
FEBRUARY 1961 0000 CST

01 UNL 15	1024.7 N	06	-37	1			
02 090 10	1019.5 S	15	-15	-21	8		
03 008 00	1/25-BS	1005.8 ESE	24	-14	-20	10	
04 UNL 06	S-	1006.9 NW	04	-17	-17	-23	3
05 080 04	S-	1015.1 WSW	13	-22	-22	-29	10
06 UNL 15		1019.2 NW	05	-36	0		
07 UNL 15		1019.3 NE	05	-28	-28	-36	0
08 UNL 15		1023.2 WNW	09	-32	-32	-41	0
09 UNL 15		1020.3 SE	10	-18	-18	-25	0
10 010 07	S-	1011.7 SW	08	-11	-11	-19	10
11 UNL 15		1018.1 MNW	08	-30	-30	-42	0
12 UNL 15		1018.5 N	10	-30	-30	-39	0
13 025 00	3/4S-BS	1019.2 NW	20	-33	-33	-42	10
14 010 00	1/2IF BS	1011.1 NW	20	-30	-30	-42	10
15 UNL 04	IF	1007.9 NW	15	-25	-25	-33	3
16 080 08	S-	1009.3 NW	04	-28	-28	-39	8
17 UNL 12		1009.0 E	20	-24	-24	-36	0
18 UNL 10		1015.8 E	08	-25	-25	-38	0
19 UNL 04	BS	1003.0 NW	20	-26	-26	-36	0
20 UNL 10		1007.3 N	14	-37	0		
21 UNL 08		1011.8 C	00	-35	0		
22 UNL 03	BS	1010.3 MNW	23	-36	2		
23 025 05	S-	1006.9 NW	16	-25	-25	-31	8
24 UNL 05	IC IF	1005.6 C	00	-30	-30	-39	7
25 015 00	3/4S-	1003.5 C	00	-28	-28	-34	9
26 015 03	IF	1006.9 S	10	-30	-30	-39	10
27 UNL 04	IF	1008.7 NE	14	-34	-34	-44	0
28 UNL 15		1017.2 MNW	14	-42	0		

AVG 1012.6 11 -28 -28 -37 04

RESOLUTE NWT
FEBRUARY 1961 0300 CST

01 UNL 10	1024.8 C	00	-38	10			
02 UNL 15	1018.1 SSE	10	-15	-21	1		
03 010 01	S-BS	1004.6 ESE	26	-13	-13	-20	10
04 UNL 15		1009.2 NW	05	-31	-31	-37	0
05 UNL 10		1015.6 NW	05	-25	-25	-33	4
06 UNL 15		1019.0 NW	02	-32	-32	-41	4
07 UNL 15		1020.6 C	00	-30	-30	-42	0
08 UNL 15		1022.7 C	00	-26	-26	-30	0
09 100 10		1019.0 SE	10	-15	-15	-24	10
10 010 08	S-	1011.2 WSW	08	-10	-10	-18	10
11 UNL 15		1018.2 SW	03	-31	-31	-43	0
12 UNL 06	IC	1016.4 C	00	-40	0		
13 UNL 02	BS	1018.8 NW	18	-32	-32	-41	0
14 010 01	BS	1011.2 NW	16	-32	-32	-49	10
15 UNL 04	IC	1006.6 NW	11	-22	-22	-29	0
16 UNL 10		1009.4 MNW	07	-29	-29	-35	0
17 UNL 07		1012.0 E	22	-26	-26	-32	0
18 UNL 10	S-	1015.1 C	00	-26	-26	-34	5
19 UNL 02	BS	1002.4 NW	27	-25	-25	-31	0
20 UNL 15		1007.5 MNW	14	-36	0		
21 UNL 15		1012.9 C	00	-38	0		
22 UNL 07		1009.4 NW	26	-36	-34	0	
23 UNL 15		1006.3 NW	08	-26	-26	-34	0
24 020 05	S-	1006.4 SW	06	-31	-31	-40	9
25 020 01	1/25-	1004.1 C	00	-28	-28	-36	10
26 UNL 05	IF	1006.7 SSE	04	-31	-31	-40	10
27 UNL 08		1009.6 NE	18	-34	-34	-44	0
28 UNL 15		1018.5 NW	10	-40	0		

AVG 1012.7 09 -28 -29 -36 03

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 (height)
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RESOLUTE NWT
FEBRUARY 1961 0600 CST

01 030 10	1024.8 C	00	-28	-28	-34	10	
02 UNL 15		1016.5 ESE	08	-16	-16	-24	3
03 010 05	S-	1003.1 ESE	14	-14	-14	-21	10
04 UNL 15		1011.5 NW	06	-32	-32	-41	3
05 UNL 10		1017.2 NW	05	-31	-31	-40	0
06 UNL 15		1018.0 NW	02	-32	-32	-41	0
07 UNL 15		1021.0 C	00	-31	-31	-43	0
08 UNL 10		1022.6 MNW	04	-25	-26	-35	0
09 100 10		1017.7 SSE	15	-12	-13	-19	10
10 UNL 08		1012.6 WNW	04	-19	-19	-29	5
11 200 15		1018.3 NE	09	-22	-22	-31	8
12 UNL 10		1016.7 MNW	12	-37	0		
13 UNL 02	BS	1017.7 NW	21	-31	-31	-47	0
14 UNL 01	BS	1011.6 NW	18	-37	0		
15 UNL 03	IC	1005.4 NW	16	-23	-23	-32	0
16 UNL 10		1006.9 MNW	09	-25	-25	-33	0
17 UNL 10		1013.4 E	20	-26	-26	-32	0
18 UNL 04	IC	1013.6 NW	09	-26	-26	-34	4
19 UNL 01	1/4BS	1002.8 MNW	20	-31	-31	-37	4
20 UNL 15		1007.7 N	11	-34	-34	-40	0
21 UNL 15		1013.3 C	00	-34	-34	-44	0
22 UNL 04	BS	1008.9 NW	28	-34	-34	-44	0
23 UNL 15		1006.9 NW	00	-32	-32	-41	0
24 020 05	S-	1006.6 SW	04	-29	-29	-37	9
25 020 01	1/25-	1004.7 C	00	-29	-29	-37	10
26 020 02	S-	1006.4 S	15	-30	-30	-39	10
27 UNL 05	BS	1011.1 ENE	24	-36	0		
28 UNL 15		1018.7 NW	08	-37	0		

AVG 1012.7 10 -28 -28 -37 03

RESOLUTE NWT
FEBRUARY 1961 0900 CST

01 030 10	1024.2 N	02	-24	-24	-32	10	
02 070 15		1014.5 SE	04	-15	-15	-21	10
03 015 04	S-	1002.3 S	09	-12	-12	-18	10
04 075 16		1013.1 C	00	-30	-30	-36	9
05 UNL 10		1018.1 N	10	-31	-31	-47	0
06 UNL 10		1017.3 N	08	-34	-34	-53	0
07 UNL 15		1021.5 C	00	-28	-28	-39	0
08 UNL 15		1022.2 N	03	-23	-23	-30	5
09 050 08		1016.5 SSE	08	-12	-12	-18	10
10 UNL 15		1014.4 C	00	-32	-32	-41	2
11 200 07		1017.3 ESE	11	-22	-22	-29	9
12 UNL 07		1017.3 MNW	16	-36	0		
13 UNL 02	1/2BS	1016.4 NW	22	-31	-31	-40	4
14 UNL 05	BS	1012.1 NW	19	-49	0		
15 UNL 01	3/4BS	1006.0 N	25	-30	-30	-39	4
16 018 02	S-IF	1005.7 MNW	04	-23	-23	-29	10
17 UNL 08		1014.9 E	15	-25	-25	-33	0
18 UNL 10		1011.5 MNW	12	-31	-31	-40	2
19 070 05	IF	1003.3 NW	08	-34	-34	-48	8
20 065 06	IF	1007.5 MNW	14	-33	-33	-46	10
21 UNL 08		1013.5 NW	05	-31	-31	-40	2
22 UNL 01	1/2BS	1008.1 NW	25	-30	-30	-39	5
23 UNL 07		1005.7 WNW	08	-30	-30	-39	3
24 020 03	S-	1005.9 N	04	-27	-27	-33	10
25 020 02	S-	1005.1 C	00	-26	-26	-34	10
26 015 03	3/4S-IF	1006.0 S	13	-27	-27	-33	10
27 UNL 15		1012.6 E	12	-40	0		
28 UNL 03	IF	1018.1 NW	07	-40	0		

AVG 1012.5 09 -28 -28 -36 05

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 (height)
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RESOLUTE NWT
FEBRUARY 1961 1200 CST

01 UNL 02	IF	1023.5 SE	05	-25	-25	-33	4
02 017 04	IF	1012.6 SSE	02	-20	-20	-27	9
03 015 02	S-	1002.4 SW	02	-14	-14	-21	10
04 UNL 08		1014.4 C	00	-29	-29	-40	2
05 UNL 15		1018.7 N	12	-30	-31	-42	1
06 UNL 01	1/2IF	1017.7 N	06	-34	0		
07 UNL 15		1022.2 NW	06	-32	-32	-45	0
08 UNL 10		1022.0 C	00	-24	-24	-30	8
09 015 04	S-	1014.5 S	09	-10	-10	-14	10
10 UNL 15		1015.3 MNW	16	-28	-28	-36	2
11 200 07		1016.7 NE	15	-27	-27	-38	10
12 UNL 04	BS	1017.9 MNW	22	-38	0		
13 012 01	1/4BS	1014.6 NW	21	-28	-28	-36	8
14 UNL 06	IF BS	1012.8 MNW	14	-42	1		
15 UNL 00	3/4BS	1007.9 NNE	33	-33	-33	-42	3
16 018 03	S-IF	1005.1 MNW	12	-18	-18	-23	10
17 UNL 15		1015.7 E	15	-28	-28	-33	2
18 UNL 15		1010.2 NW	12	-35	-35	-45	1
19 UNL 05	IF	1003.4 N	20	-34	-34	-48	2
20 200 08		1008.8 NW	12	-33	-33	-46	9
21 080 10		1013.2 MNW	05	-30	-30	-39	9
22 UNL 02	IF BS	1007.4 NW	15	-32	-32	-41	2
23 UNL 05		1005.9 WSW	07	-28	-28	-39	8
24 013 02	S-	1005.3 N	03	-30	-30	-36	10
25 020 01	1/25-	1005.7 C	00	-30	-30	-39	10
26 180 01	IF	1005.5 S	15	-25	-25	-31	10
27 UNL 30		1013.3 NE	05	-36	0		
28 UNL 04	IF	1018.3 NW	08	-39	0		

AVG 1012.5 10 -29 -29 -38 05

RESOLUTE NWT
FEBRUARY 1961 1500 CST

01 025 05	IF	1023.2 SE	07	-18	-18	-26	10
02 017 04	IF	1011.0 S	08	-13	-13	-16	10
03 015 03	S-	1003.5 C	00	-15	-15	-23	10
04 UNL 03	S-	1015.7 C	00	-29	-29	-35	8
05 UNL 04	IF	1020.5 NW	08	-33	-33	-41	1
06 UNL 02	1/2IF	1018.1 MNW	07	-35	0		
07 UNL 10		1023.3 NW	07	-30	-30	-39	2
08 UNL 15		1022.4 C	00	-25	-25	-33	8
09 008 01	1/4S-	1013.2 SSE	14	-11	-11	-18	10
10 UNL 15		1017.0 NW	10	-25	-25	-35	1
11 UNL 10		1016.7 C	00	-24	-24	-32	3
12 UNL 03	IF	1019.4 MNW	16	-40	0		
13 010 01	IF BS	1014.5 NW	27	-30	-30	-36	10
14 UNL 00	3/4IF	1012.3 NW	18	-37	6		
15 UNL 05	BS	1009.5 NNE	18	-34	-35	-45	2
16 020 01	S-IF	1005.0 NW	15	-15	-15	-20	10
17 UNL 05	IF	1016.5 E	02	-27	-27	-38	4
18 UNL 15		1009.4 NW	07	-35	-35	-45	5
19 UNL 10		1005.3 NE	13	-31	-32	-42	3
20 200 08		1010.0 C	00	-32	-32	-41	9
21 UNL 08		1013.5 MNW	10	-36	2		
22 UNL 04	IF	1007.7 NW	15	-33	-33	-51	2
23 UNL 05	IF	1005.8 WSW	08	-29	-30	-44	8
24 010 01	S-	1004.8 C	00	-25	-25</		

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Table with columns: Date, Calling (1000 ft), Visibility (initial), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (kph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (heavht)

RESOLUTE NWT MARCH 1961 0000 CST

Table of observations for Resolute NWT at 0000 CST, including columns for Date, Calling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

Table with columns: Date, Calling (1000 ft), Visibility (initial), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (kph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (heavht)

RESOLUTE NWT MARCH 1961 0600 CST

Table of observations for Resolute NWT at 0600 CST, including columns for Date, Calling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

Table with columns: Date, Calling (1000 ft), Visibility (initial), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (kph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (heavht)

RESOLUTE NWT MARCH 1961 1200 CST

Table of observations for Resolute NWT at 1200 CST, including columns for Date, Calling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

Table with columns: Date, Calling (1000 ft), Visibility (initial), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (kph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (heavht)

RESOLUTE NWT MARCH 1961 1800 CST

Table of observations for Resolute NWT at 1800 CST, including columns for Date, Calling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

RESOLUTE NWT MARCH 1961 0300 CST

Table of observations for Resolute NWT at 0300 CST, including columns for Date, Calling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

RESOLUTE NWT MARCH 1961 0900 CST

Table of observations for Resolute NWT at 0900 CST, including columns for Date, Calling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

RESOLUTE NWT MARCH 1961 1500 CST

Table of observations for Resolute NWT at 1500 CST, including columns for Date, Calling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

RESOLUTE NWT MARCH 1961 2100 CST

Table of observations for Resolute NWT at 2100 CST, including columns for Date, Calling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

AVG 1021.5 08 -37 01

AVG 1021.8 09 -36 02

AVG 1021.5 08 -33 03

AVG 1022.0 08 -34 03

AVG 1021.7 08 -37 01

AVG 1021.6 07 -35 02

AVG 1021.7 08 -32 03

AVG 1022.0 08 -35 02

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

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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RESOLUTE NWT
APRIL 1961 0000 CST

01 UNL 15				1029.2	NE	15	-21	-22	-34	0
02 UNL 10				1018.7	NE	19	-18	-18	-26	4
03 UNL 10	IC			1012.7	C	00	-17	-17	-26	3
04 UNL 10				1017.1	F	07	-29	-29	-47	3
05 UNL 10				1021.6	ESE	08	-32	-32	-41	3
06 UNL 15				1026.1	E	16	-29	-29	-37	0
07 170 01	1/2BS			1020.0	F	30	-10	-10	-17	10
08 UNL 08	IC			1011.5	SE	15	-20	-20	-30	6
09 UNL 10	IC			1016.6	ESE	09	-23	-23	-35	5
10 170 00	BS			1023.9	E	45	-07	-08	-16	10
11 001 00	1/8S-BS			1025.0	ESE	32	00	00	-04	10
12 001 00	1/8BS			1016.0	E	50	00	00	-05	10
13 UNL 15				1017.7	ESE	06	-16	-16	-24	4
14 200 01	IC BS			1025.4	E	27	-02	-02	-08	9
15 070 07				1029.2	W	04	-02	-03	-08	6
16 UNL 15				1031.6	ESE	06	-20	-20	-29	0
17 018 04	S-			1022.9	ESE	22	04	03	-02	10
18 UNL 15				1022.1	SE	18	02	01	-04	0
19 UNL 12				1029.2	ESE	27	10	09	05	10
20 UNL 15				1024.7	E	18	10	10	06	0
21 150 15				1018.8	ESE	25	13	13	09	9
22 070 10				1015.0	E	31	14	14	11	8
23 000 00	BS			1005.8	E	45	13	13	09	10
24 UNL 10				1008.6	SE	11	-02	-03	-08	3
25 200 10				1020.8	C	00	-05	-05	-12	7
26 UNL 15				1029.4	C	00	-05	-06	-12	2
27 UNL 15				1017.5	E	11	-09	-09	-13	4
28 040 15				1026.8	ESE	07	03	02	-04	8
29 035 08				1022.6	SE	05	11	11	07	10
30 005 00	1/4SI			1015.0	S	20	15	15	12	10
AVG				1020.6		18	-06	-06	-12	06

RESOLUTE NWT
APRIL 1961 0300 CST

01 UNL 15				1028.5	ENE	12	-19	-20	-31	0
02 UNL 15				1017.6	NE	10	-18	-19	-32	5
03 200 12	IC			1012.6	C	00	-24	-24	-34	6
04 200 10				1017.5	SE	05	-30	-30	-39	8
05 UNL 10				1022.2	ESE	10	-32	-32	-41	8
06 UNL 08				1025.8	E	28	-29	-29	-40	0
07 150 01	BS			1018.7	E	30	-10	-10	-16	10
08 080 08				1012.0	ESE	08	-27	-27	-38	9
09 UNL 10				1018.4	E	10	-23	-23	-35	3
10 120 06	1/8BS			1023.9	E	45	-09	-09	-18	10
11 080 00	1/8BS			1024.6	E	35	00	00	-05	10
12 080 00	1/8BS			1014.3	E	50	00	00	-05	10
13 UNL 15				1019.7	ESE	10	-19	-19	-27	1
14 UNL 00	1/4BS			1023.7	ESE	33	-01	-02	-07	4
15 008 03	IF			1029.9	W	15	-12	-12	-18	10
16 UNL 15				1032.1	SE	09	-17	-17	-26	0
17 018 06	S-			1021.9	SE	18	05	05	-01	10
18 UNL 15				1022.9	ESE	17	01	01	-06	3
19 UNL 04	BS			1025.9	ESE	30	10	09	06	10
20 UNL 15				1024.0	E	17	12	12	08	0
21 250 15				1017.6	ESE	20	13	13	09	6
22 UNL 15				1014.5	ESE	30	12	12	06	2
23 000 00	S-BS			1005.0	E	45	13	13	09	10
24 300 15				1010.2	ESE	11	01	01	-04	8
25 UNL 10				1021.8	SE	03	-10	-11	-17	2
26 UNL 15				1026.7	NNW	04	-10	-10	-19	1
27 UNL 15				1030.6	NNW	05	-08	-08	-14	2
28 040 10	S-			1025.9	ESE	08	03	03	-02	10
29 035 16				1022.2	SE	10	11	10	08	10
30 020 01	S-			1013.7	SE	04	13	13	09	10
AVG				1020.7		18	-07	-07	-14	06

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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RESOLUTE NWT
APRIL 1961 0600 CST

01 UNL 15				1027.8	NE	07	-20	-21	-32	0
02 170 15	S			1016.3	NE	10	-14	-14	-23	8
03 180 10	IF			1012.6	C	00	-25	-25	-35	10
04 200 04	IF			1017.5	SE	07	-27	-27	-38	9
05 UNL 08				1023.2	ESE	10	-33	-33	-46	4
06 UNL 04	BS			1025.5	F	20	-29	-29	-40	3
07 UNL 01	BS			1017.7	E	26	-13	-13	-19	3
08 UNL 10				1012.7	ESE	12	-28	-28	-36	5
09 UNL 10				1020.8	ESE	08	-25	-25	-35	0
10 UNL 00	1/8BS			1022.5	E	30	-04	-04	-13	5
11 005 00	1/8BS			1024.5	E	40	-01	-01	-07	10
12 080 00	1/8BS			1013.8	E	50	-02	-02	-07	10
13 UNL 01	1/2BS			1020.2	ESE	32	-12	-12	-17	0
14 000 00	1/8BS			1025.6	E	32	00	-01	-09	10
15 UNL 15				1027.7	NNW	07	-15	-15	-24	2
16 UNL 15				1031.9	ESE	12	-15	-15	-25	0
17 015 05	S-			1021.2	SE	18	07	07	01	10
18 UNL 15				1023.7	ESE	18	02	01	-04	3
19 UNL 05	BS			1026.5	ESE	31	11	10	06	10
20 UNL 15				1023.0	E	28	10	10	06	0
21 230 15				1018.2	S	08	-27	-27	-41	7
22 030 10				1014.8	E	33	15	14	08	10
23 008 00	1/2S-BS			1004.9	ESE	28	15	14	11	10
24 UNL 15				1011.3	ESE	09	-04	-04	-12	2
25 UNL 10				1022.6	SE	01	-08	-09	-14	0
26 UNL 02	F			1028.2	F	07	-07	-07	-13	4
27 UNL 15				1030.5	ESE	11	-09	-09	-16	8
28 025 03	S-			1025.7	SE	10	05	05	01	10
29 025 01	1/2S-			1021.4	SE	15	12	12	09	10
30 015 00	1/2S			1013.3	ESE	08	13	13	10	10
AVG				1020.8		18	-06	-06	-13	06

RESOLUTE NWT
APRIL 1961 0900 CST

01 UNL 15				1026.9	ESE	08	-16	-16	-24	0
02 UNL 10				1015.0	ENE	05	-14	-14	-21	6
03 200 08				1013.0	C	00	-26	-26	-34	10
04 UNL 08				1018.2	S	08	-27	-27	-41	7
05 UNL 10				1024.2	ESE	08	-32	-33	-45	2
06 200 04	BS			1024.7	E	23	-22	-22	-31	8
07 180 00	3/4BS			1016.1	E	25	-09	-09	-15	10
08 UNL 15				1013.3	ESE	05	-24	-24	-32	0
09 UNL 15				1022.8	SE	06	-20	-21	-30	0
10 UNL 10	1/8BS			1025.9	E	45	-02	-03	-07	8
11 100 00	1/8BS			1023.9	E	38	00	-01	-04	10
12 200 00	1/8BS			1012.5	E	48	-01	-01	-08	9
13 UNL 02	1/2BS			1021.4	E	31	-07	-07	-16	9
14 005 00	1/4F BS			1025.3	E	32	00	00	-06	10
15 UNL 15				1029.3	SE	03	-17	-17	-28	0
16 200 15				1030.5	ESE	20	-08	-08	-16	8
17 020 04	S-			1020.0	SE	18	08	08	05	10
18 UNL 15				1024.0	ESE	16	05	04	-03	3
19 UNL 15				1027.2	ESE	23	13	12	06	3
20 UNL 10				1022.3	E	27	12	11	06	1
21 035 15				1016.2	ESE	20	17	16	11	9
22 035 09				1013.3	E	38	14	13	08	8
23 015 02	S-			1025.0	ESE	28	10	10	06	10
24 UNL 15				1012.9	SE	16	01	00	-12	0
25 UNL 15				1023.0	C	00	-03	-04	-07	2
26 008 04	IF			1029.3	NNW	08	-02	-02	-08	10
27 UNL 15				1029.6	NNW	03	-02	-02	-08	0
28 022 01	1/2S-IF			1025.2	SE	09	07	07	04	10
29 025 00	3/4S			1020.4	SE	14	13	13	11	10
30 020 01	S-			1013.1	ENE	02	15	15	13	10
AVG				1020.7		17	-04	-04	-11	06

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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RESOLUTE NWT
APRIL 1961 1200 CST

01 UNL 10				1025.0	E	24	-13	-13	-20	1
02 UNL 08				1014.0	MNE	16	-10	-10	-17	10
03 UNL 03	IF			1015.7	NW	07	-25	-25	-33	10
04 100 04	S-IF			1018.6	S	15	-24	-24	-34	10
05 UNL 10				1024.9	SSE	07	-25	-25	-35	1
06 030 01	1/2BS			1024.1	ESE	20	-25	-26	-35	10
07 180 01	1/4BS			1014.5	ENE	22	-07	-07	-13	10
08 UNL 08	IC			1013.5	SE	06	-20	-20	-27	10
09 UNL 15				1025.0	ESE	03	20	20	12	10
10 UNL 00	1/8BS			1023.0	E	43	00	00	-05	8
11 100 00	1/8BS			1022.9	E	38	01	00	-04	10
12 UNL 02	1/2BS			1012.2	E	33	01	01	-06	3
13 080 01	1/2F BS			1022.2	E	32	-03	-04	-10	10
14 003 00										

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 (hundredths)
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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 (hundredths)
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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 (hundredths)
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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 (hundredths)
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RESOLUTE NMT
MAY 1961 0000 CST

01 UNL 08	1023.5 NW	12	-08	-08	-14	2				
02 UNL 10	1023.9 WNW	03	-14	-14	-21	2				
03 UNL 10	1021.2 NNW	02	-13	-13	-20	2				
04 UNL 10	1016.6 NE	03	-15	-15	-23	1				
05 UNL 15	1013.9 E	20	-07	-07	-14	0				
06 030 15	1019.0 NE	15	04	04	-02	10				
07 UNL 15	1024.2 NNW	11	-15	-15	-21	0				
08 007 02	1020.4 SE	06	00	00	-05	10				
09 UNL 15	1018.1 ESE	12	01	01	-04	10				
10 UNL 15	1021.2 ENE	12	-03	-04	-10	0				
11 200 15	1019.3 SE	03	05	05	-01	10				
12 UNL 15	1013.8 NE	20	-01	-01	-08	1				
13 UNL 15	1013.5 C	00	00	-01	-09	0				
14 UNL 15	1013.1 NNW	07	08	07	03	5				
15 020 10	1014.7 N	20	17	16	13	10				
16 015 07	1016.0 N	16	14	13	11	10				
17 025 10	1016.4 E	06	08	07	03	9				
18 070 15	1016.7 C	00	12	11	06	10				
19 035 15	1017.5 C	00	11	10	02	9				
20 025 10	1018.7 C	00	11	11	05	10				
21 020 10	1022.0 SW	04	19	12	06	10				
22 UNL 15	1026.0 ESE	11	03	02	-03	2				
23 011 15	1034.0 WNW	06	18	18	14	10				
24 020 04	1024.8 NW	11	16	14	10	10				
25 UNL 15	1018.3 E	28	18	17	10	9				
26 UNL 15	1017.0 NNW	30	12	11	03	1				
27 200 04	1018.4 NNW	28	12	11	05	1				
28 UNL 00	1013.8 W	10	14	14	11	6				
29 UNL 15	1009.4 ESE	27	19	19	15	6				
30 005 01	998.7 SE	12	28	27	27	10				
31 020 05	1003.5 E	25	25	25	22	9				
AVG	1018.0	12	06	06	01	06				

RESOLUTE NMT
MAY 1961 0600 CST

01 035 10	1025.2 W	08	-05	-05	-12	9				
02 UNL 10	1023.4 NW	06	-15	-16	-24	2				
03 UNL 15	1020.5 C	00	-13	-13	-19	9				
04 UNL 00	1014.9 E	15	-10	-10	-17	9				
05 UNL 40	1014.7 E	21	-09	-09	-11	0				
06 UNL 15	1020.4 NE	24	-04	-04	-08	2				
07 UNL 15	1024.7 NW	07	-13	-14	-24	1				
08 030 02	1019.5 SE	12	01	00	-07	10				
09 UNL 12	1018.4 C	00	04	03	-02	3				
10 UNL 15	1022.3 NE	12	03	02	-03	0				
11 021 10	1017.7 NE	14	07	07	02	10				
12 UNL 15	1013.2 NW	06	-09	-09	-12	1				
13 UNL 15	1013.5 C	00	01	00	-10	0				
14 200 10	1012.2 NW	12	-01	-02	-09	8				
15 015 10	1014.2 N	18	19	19	15	10				
16 UNL 10	1016.0 N	06	05	04	-03	1				
17 UNL 10	1016.7 E	18	04	04	-03	1				
18 030 10	1016.4 NE	03	14	13	09	10				
19 035 15	1018.3 C	00	12	11	05	9				
20 025 08	1020.7 C	00	11	10	03	10				
21 020 10	1023.1 SW	04	11	10	05	10				
22 080 15	1028.8 SE	09	07	07	00	8				
23 003 10	1036.0 NW	09	15	15	11	10				
24 010 00	1011.0 W	09	13	13	11	10				
25 200 02	1011.2 ESE	38	16	16	14	8				
26 UNL 06	1018.9 NNW	15	12	12	08	5				
27 200 15	1017.4 NW	12	11	10	04	7				
28 002 00	1014.1 NW	02	15	15	12	10				
29 030 15	1007.2 ESE	30	19	19	14	9				
30 005 01	999.1 E	06	30	30	30	10				
31 UNL 06	1009.2 E	30	23	23	21	3				
AVG	1018.3	11	06	06	00	06				

RESOLUTE NMT
MAY 1961 1200 CST

01 UNL 15	1025.3 WNW	08	-07	-07	-13	7				
02 UNL 15	1022.9 NW	05	-08	-08	-16	1				
03 UNL 15	1019.2 NW	06	-10	-11	-20	0				
04 UNL 09	1013.9 ESE	14	-03	-04	-11	0				
05 UNL 40	1015.9 E	16	01	01	-06	0				
06 028 10	1022.1 NNE	18	04	04	-02	8				
07 UNL 15	1023.5 C	00	-05	-06	-15	1				
08 025 03	1018.8 SE	11	06	06	01	10				
09 UNL 15	1019.3 C	00	10	09	03	0				
10 UNL 10	1021.7 NNW	08	08	08	03	9				
11 UNL 15	1015.9 N	03	13	13	09	1				
12 UNL 15	1012.6 NW	02	07	07	03	0				
13 UNL 15	1013.1 NW	02	07	06	00	2				
14 UNL 15	1014.3 N	20	09	08	02	7				
15 015 08	1015.2 N	24	18	17	12	8				
16 UNL 15	1015.9 N	13	11	10	03	1				
17 050 15	1016.8 NE	13	16	15	09	9				
18 035 15	1016.9 NW	03	17	15	07	10				
19 030 10	1017.8 SSE	04	16	15	10	10				
20 025 10	1021.7 C	00	15	14	06	10				
21 014 10	1024.6 SSE	12	13	12	07	10				
22 080 15	1030.9 SSE	05	14	13	09	10				
23 200 15	1036.3 NW	07	16	15	11	8				
24 020 15	1024.6 NW	02	14	14	11	8				
25 UNL 15	1018.3 E	18	21	21	18	1				
26 020 04	1019.8 NW	22	16	15	11	10				
27 010 15	1015.5 NW	11	18	18	15	10				
28 008 15	1013.1 SSE	12	17	17	13	9				
29 030 15	1003.3 ESE	40	22	21	15	10				
30 007 00	1003.3 ESE	07	32	32	31	10				
31 015 15	1012.1 E	13	26	25	22	10				
AVG	1018.2	10	11	10	05	06				

RESOLUTE NMT
MAY 1961 1800 CST

01 UNL 15	1024.7 WNW	08	-04	-04	-11	2				
02 UNL 15	1022.3 WNW	10	-05	-06	-13	2				
03 UNL 15	1017.9 NW	02	-07	-07	-15	3				
04 UNL 10	1013.6 ESE	15	-02	-03	-10	1				
05 UNL 15	1017.3 ESE	08	04	03	-03	0				
06 050 10	1024.0 N	14	00	-01	-06	9				
07 UNL 10	1022.2 C	00	01	00	-07	8				
08 UNL 08	1018.7 SE	09	05	05	00	10				
09 UNL 15	1020.4 ESE	04	05	05	-02	2				
10 UNL 10	1020.0 NNE	26	09	08	02	8				
11 UNL 15	1014.7 NNW	12	09	08	02	1				
12 UNL 15	1019.1 W	02	10	09	01	1				
13 200 15	1013.1 NNW	05	11	10	05	9				
14 070 08	1014.3 N	15	12	11	07	6				
15 015 06	1015.8 N	21	16	16	11	10				
16 025 15	1016.6 NE	15	11	10	05	10				
17 030 10	1017.2 E	09	15	15	11	8				
18 035 15	1017.1 N	03	17	15	10	10				
19 030 10	1017.6 WSW	04	15	15	11	10				
20 025 10	1022.3 SSW	02	14	13	07	10				
21 020 15	1025.1 SE	20	15	14	10	10				
22 045 15	1032.4 W	05	17	16	12	10				
23 003 15	1035.6 WNW	10	19	19	16	10				
24 180 15	1024.1 SE	09	16	15	11	8				
25 UNL 15	1018.4 E	18	21	21	18	1				
26 UNL 07	1020.0 NNW	25	15	15	11	5				
27 UNL 15	1014.6 WNW	20	20	20	17	10				
28 UNL 15	1011.9 ESE	20	19	19	16	10				
29 015 01	1000.9 SE	25	25	25	20	15				
30 007 00	1002.4 F	20	28	28	27	10				
31 015 15	1013.9 NW	05	27	25	21	10				
AVG	1018.1	11	12	11	06	07				

RESOLUTE NMT
MAY 1961 0300 CST

01 100 10	1025.1 NW	08	-07	-07	-14	9				
02 UNL 10	1023.7 NW	08	-18	-18	-26	3				
03 UNL 15	1020.9 C	00	-18	-18	-23	8				
04 UNL 15	1015.8 E	09	-16	-16	-22	1				
05 UNL 15	1014.5 E	22	-08	-08	-15	0				
06 UNL 15	1019.3 NNE	20	-03	-03	-09	7				
07 UNL 15	1016.7 NNW	10	14	14	-23	0				
08 030 02	1019.0 SE	12	00	-01	-08	10				
09 UNL 12	1018.1 SE	04	02	01	-05	5				
10 UNL 15	1021.8 ENE	18	00	00	-07	5				
11 066 15	1018									

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
JANUARY 1961 0100 PST

01 010 03	IF	1023.9 M	10	-18	-18	-22	10			
02 UNL 12		1018.1 ENE	18	-29	-29	-33	9			
03 UNL 15		1013.5 F	13	-27	-27	-33	2			
04 UNL 15		1013.7 C	00	-23	-23	-29	0			
05 UNL 15		1016.0 E	18	-32	-32	-38	0			
06 UNL 15		1023.9 NE	17	-39	-39	-43	0			
07 UNL 15		1030.9 C	00	-31	-31	-37	0			
08 UNL 15		1033.0 C	00	-33	-33	-37	2			
09 UNL 15		1034.0 M	09	-41	-41	-45	0			
10 UNL 15		1035.7 NNE	12	-39	-39	-43	0			
11 UNL 15		1031.3 N	11	-40	-40	-44	0			
12 UNL 15		1026.4 C	00	-34	-34	-38	0			
13 UNL 12		1014.8 WSW	06	-26	-26	-32	2			
14 040 08		1012.4 SE	16	-25	-25	-31	9			
15 UNL 15		1019.4 ENE	12	-33	-33	-37	0			
16 UNL 15		1012.7 C	00	-31	-31	-37	0			
17 UNL 15		1018.4 SE	09	-29	-29	-35	0			
18 UNL 15		1027.6 C	00	-26	-26	-32	0			
19 UNL 15		1037.5 WNW	08	-24	-24	-28	0			
20 UNL 15		1034.4 ESE	16	-10	-11	-16	0			
21 UNL 15		1031.5 NNE	06	-16	-16	-18	0			
22 070 15		1022.0 ESE	19	03	03	-02	10			
23 080 08		1020.3 SSE	24	-01	00	-04	10			
24 010 05		1034.9 SE	15	-05	-05	-08	10			
25 010 04	S-	1022.3 SE	12	-01	-01	-03	10			
26 UNL 04		1032.7 N	19	-09	-09	-11	3			
27 UNL 00 3/8BS		1035.7 NW	25	-16	-16	-21	3			
28 050 01	BS	1033.3 NW	21	-08	-08	-12	8			
29 UNL 06	BS	1031.1 N	14	-17	-17	-22	2			
30 UNL 15		1026.3 C	00	-10	-10	-13	5			
31 030 10		1024.2 SE	16	-08	-08	-12	10			
AVG		1025.4	11	-22	-22	-27	03			

SACHS HARBOUR NMT
JANUARY 1961 0400 PST

01 025 04	IF	1023.3 M	08	-20	-19	-23	10			
02 UNL 12		1016.7 E	21	-28	-28	-32	2			
03 UNL 15		1014.1 E	11	-25	-25	-31	0			
04 UNL 15		1013.9 C	00	-26	-26	-32	0			
05 UNL 15		1016.9 E	16	-34	-34	-38	0			
06 UNL 15		1025.2 NE	15	-41	-41	-45	0			
07 UNL 15		1031.2 C	00	-32	-32	-38	0			
08 UNL 15		1033.0 C	00	-35	-35	-39	3			
09 UNL 15		1034.4 M	12	-41	-41	-45	0			
10 UNL 15		1034.2 N	13	-38	-38	-42	0			
11 080 12		1030.5 M	08	-35	-35	-39	10			
12 UNL 15		1025.8 C	00	-34	-34	-38	4			
13 UNL 12		1013.3 W	12	-28	-28	-34	1			
14 UNL 10		1013.5 ESE	10	-23	-23	-31	3			
15 UNL 15		1014.5 NE	12	-33	-33	-37	0			
16 UNL 15		1012.8 C	00	-30	-30	-34	0			
17 UNL 15		1019.1 ESE	11	-29	-29	-35	0			
18 UNL 15		1028.9 C	00	-27	-27	-33	0			
19 UNL 15		1038.6 NNE	06	-28	-28	-30	0			
20 025 15		1032.5 E	17	-07	-07	-10	10			
21 UNL 15		1030.5 ENE	11	-09	-09	-13	0			
22 070 10		1020.7 ESE	24	06	06	01	10			
23 UNL 12		1022.1 SE	10	-03	-03	-06	3			
24 UNL 08		1034.4 SSE	26	-08	-08	-12	3			
25 015 04	S-	1022.5 ESE	14	00	00	-03	10			
26 015 04	IF	1033.2 M	14	-12	-11	-14	10			
27 UNL 00 3/8BS		1037.3 NW	25	-16	-16	-21	3			
28 UNL 00 1/4BS		1032.5 NW	26	-18	-18	-19	8			
29 UNL 06	BS	1031.9 NNE	16	-15	-15	-20	5			
30 030 15		1025.8 E	04	-04	-04	-08	10			
31 015 08		1023.1 SE	15	-06	-06	-11	10			
AVG		1025.4	12	-22	-22	-27	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
JANUARY 1961 0700 PST

01 080 08		1022.5 M	11	-24	-24	-28	8			
02 UNL 07		1019.6 ENE	20	-28	-28	-30	6			
03 UNL 15		1013.9 NE	08	-29	-29	-35	0			
04 UNL 15		1014.0 ESE	07	-26	-26	-30	0			
05 UNL 15		1017.7 ENE	21	-35	-35	-39	0			
06 UNL 15		1026.1 NE	13	-39	-39	-43	1			
07 UNL 15		1031.4 C	00	-31	-31	-37	0			
08 UNL 15		1032.7 C	00	-34	-34	-38	1			
09 UNL 15		1034.2 N	14	-42	-42	-46	0			
10 UNL 10		1034.5 M	15	-37	-37	-41	0			
11 UNL 12		1029.0 NNE	09	-35	-35	-39	3			
12 UNL 15		1024.3 SE	05	-33	-33	-37	0			
13 UNL 12		1012.1 WNW	13	-27	-27	-33	2			
14 UNL 10		1013.9 SE	14	-26	-26	-32	2			
15 UNL 15		1013.6 ESE	14	-33	-33	-37	0			
16 UNL 15		1012.4 C	00	-27	-27	-31	0			
17 UNL 15		1019.6 C	00	-26	-26	-34	0			
18 UNL 15		1029.8 C	00	-28	-28	-34	0			
19 UNL 01 1/2IF		1038.9 NNE	08	-26	-26	-28	2			
20 030 15		1031.7 E	15	-06	-06	-09	10			
21 070 15		1031.0 ESE	16	-06	-06	-12	7			
22 080 08		1019.4 ESE	24	05	05	01	10			
23 020 10		1024.4 SE	09	-05	-05	-07	10			
24 010 04	BS	1032.8 SE	30	-09	-09	-13	7			
25 015 06	S-	1023.2 N	19	00	00	-03	10			
26 UNL 10		1034.1 N	18	-18	-18	-21	1			
27 UNL 05	BS	1038.7 NW	18	-16	-16	-21	0			
28 UNL 02	BS	1031.5 NE	24	-17	-17	-21	3			
29 UNL 10		1030.7 NNE	14	-17	-17	-22	2			
30 030 15		1025.6 ESE	11	-05	-06	-11	10			
31 010 08		1021.7 SE	18	-06	-06	-09	10			
AVG		1025.2	12	-22	-22	-27	03			

SACHS HARBOUR NMT
JANUARY 1961 1000 PST

01 025 07	S-	1021.3 NNE	12	-21	-20	-23	9			
02 030 06	S-	1019.3 ENE	15	-26	-26	-30	8			
03 UNL 15		1013.9 C	00	-25	-25	-29	2			
04 UNL 15		1014.5 C	00	-28	-28	-32	0			
05 UNL 15		1018.9 ENE	18	-35	-35	-39	0			
06 UNL 15		1027.5 NE	09	-34	-34	-38	1			
07 UNL 15		1031.9 C	00	-31	-31	-37	1			
08 UNL 15		1033.1 NNE	07	-37	-37	-41	2			
09 UNL 15		1034.8 M	14	-41	-41	-45	1			
10 UNL 15		1034.0 M	16	-40	-40	-44	2			
11 UNL 08		1028.7 NW	10	-32	-32	-36	5			
12 UNL 15		1023.2 SE	09	-32	-32	-38	7			
13 UNL 15		1011.1 WNW	03	-27	-27	-31	3			
14 UNL 15		1014.9 SE	13	-27	-27	-33	0			
15 UNL 15		1013.6 ENE	09	-31	-31	-37	0			
16 UNL 15		1013.1 NE	12	-31	-31	-37	0			
17 UNL 15		1020.4 C	00	-24	-24	-30	5			
18 UNL 15		1030.4 C	00	-27	-27	-33	4			
19 UNL 12		1038.8 ENE	05	-24	-24	-28	2			
20 025 15		1030.8 E	18	-04	-04	-08	9			
21 UNL 15		1029.6 ESE	21	-04	-04	-10	4			
22 070 12		1013.1 SE	29	06	06	02	10			
23 025 10		1026.5 SE	10	-05	-05	-08	10			
24 010 04	IF	1032.1 SE	24	-07	-07	-10	10			
25 080 05	BS	1026.1 N	27	00	00	-03	9			
26 UNL 12		1033.0 NNE	12	-19	-18	-23	1			
27 070 07		1038.0 NW	18	-16	-16	-21	7			
28 UNL 01 1/2BS		1030.6 NW	22	-18	-18	-19	4			
29 070 15		1030.8 NE	12	-14	-14	-18	8			
30 030 15		1025.7 ESE	14	-06	-06	-10	9			
31 010 03	BS	1021.5 SE	19	-07	-07	-10	10			
AVG		1025.3	12	-22	-22	-27	05			

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
JANUARY 1961 1300 PST

01 012 06	S-	1020.6 N	19	-21	-20	-23	10			
02 UNL 10		1014.5 NE	18	-28	-28	-32	9			
03 UNL 15		1013.8 C	00	-25	-25	-27	4			
04 UNL 15		1014.8 ESE	06	-27	-27	-31	0			
05 UNL 15		1020.0 ENE	16	-35	-35	-39	0			
06 UNL 15		1028.6 N	09	-35	-35	-39	1			
07 UNL 15		1032.5 C	00	-31	-31	-37	1			
08 UNL 15		1033.5 NNE	11	-40	-40	-44	1			
09 UNL 05	IF	1035.2 N	12	-43	-43	-47	1			
10 UNL 15		1033.9 NE	12	-40	-40	-44	1			
11 UNL 12		1028.1 NNE	14	-35	-35	-39	5			
12 020 10		1022.0 SE	06	-29	-29	-33	10			
13 UNL 12										

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Calling (1000's 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 (hundred)
01 UNL 15										
02 UNL 15										
03 UNL 15										
04 UNL 15										
05 UNL 15										
06 UNL 15										
07 UNL 15										
08 UNL 15										
09 UNL 15										
10 UNL 15										
11 UNL 15										
12 UNL 15										
13 UNL 15										
14 UNL 15										
15 UNL 15										
16 UNL 15										
17 UNL 15										
18 UNL 15										
19 UNL 15										
20 UNL 15										
21 UNL 15										
22 UNL 15										
23 UNL 15										
24 UNL 15										
25 UNL 15										
26 UNL 15										
27 UNL 15										
28 UNL 15										

SACHS HARBOUR NMT
FEBRUARY 1961 0100 PST

01 UNL 15	1013.6 SE	15-16	-16	-21	1
02 UNL 15	1009.6 C	00-20	-20	-24	0
03 UNL 15	1014.8 SW	07-17	-17	-18	9
04 UNL 15	1017.5 SW	08-17	-17	-18	9
05 UNL 15	1018.1 ENE	18-23	-23	-31	3
06 UNL 15	1009.0 E	30-08	-08	-10	3
07 UNL 15	1006.6 E	24-03	-04	-08	9
08 UNL 15	1009.2 ESE	15-05	-05	-09	10
09 UNL 15	1009.2 ESE	15-05	-05	-09	10
10 UNL 15	1015.2 N	21-05	-05	-08	10
11 UNL 15	1024.5 NW	13-29	-29	-33	3
12 UNL 15	1033.2 N	12-33			0
13 UNL 15	1021.1 NNE	12-37			0
14 UNL 15	1021.1 NNE	12-37			0
15 UNL 15	1021.1 NNE	12-37			0
16 UNL 15	1027.2 WNW	11-20	-20	-24	9
17 UNL 15	1020.4 NW	11-20	-20	-24	9
18 UNL 15	1022.8 NNE	13-26	-26	-30	10
19 UNL 15	1022.8 NNE	13-26	-26	-30	10
20 UNL 15	1025.7 NE	04-38	-38	-48	0
21 UNL 15	1025.4 SE	10-34			2
22 UNL 15	1025.6 SE	10-34			2
23 UNL 15	1010.1 SSE	21-22	-22	-27	10
24 UNL 15	1010.0 NW	08-34			0
25 UNL 15	1011.4 SW	04-31			0
26 UNL 15	1011.4 SW	04-31			0
27 UNL 15	1012.2 C	00-23	-23	-31	9
28 UNL 15	1016.3 SE	03-26	-26	-30	7

AVG 1018*5 12 -23 05

Date	Calling (1000's 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 (hundred)
01 UNL 15										
02 UNL 15										
03 UNL 15										
04 UNL 15										
05 UNL 15										
06 UNL 15										
07 UNL 15										
08 UNL 15										
09 UNL 15										
10 UNL 15										
11 UNL 15										
12 UNL 15										
13 UNL 15										
14 UNL 15										
15 UNL 15										
16 UNL 15										
17 UNL 15										
18 UNL 15										
19 UNL 15										
20 UNL 15										
21 UNL 15										
22 UNL 15										
23 UNL 15										
24 UNL 15										
25 UNL 15										
26 UNL 15										
27 UNL 15										
28 UNL 15										

SACHS HARBOUR NMT
FEBRUARY 1961 1300 PST

01 UNL 15	1009.8 SE	09-18	-18	-23	0
02 UNL 15	1011.0 SSE	08-20	-20	-25	10
03 UNL 15	1011.6 NNE	07-27	-27	-31	1
04 UNL 15	1011.9 E	22-13	-13	-19	5
05 UNL 15	1007.9 E	26-14	-14	-19	5
06 UNL 15	1007.9 E	26-14	-14	-19	5
07 UNL 15	1009.2 SSE	19-01	-01	-04	10
08 UNL 15	1009.2 SSE	19-01	-01	-04	10
09 UNL 15	1013.5 N	07-05	-02	-05	10
10 UNL 15	1020.2 N	18-21	-21	-25	3
11 UNL 15	1026.9 N	13-31	-30	-32	6
12 UNL 15	1026.9 N	13-31	-30	-32	6
13 UNL 15	1026.9 N	13-31	-30	-32	6
14 UNL 15	1031.7 NW	12-33			7
15 UNL 15	1031.7 NW	12-33			7
16 UNL 15	1033.6 NNE	11-19	-19	-22	6
17 UNL 15	1021.3 NW	12-20	-20	-23	9
18 UNL 15	1021.3 NW	12-20	-20	-23	9
19 UNL 15	1024.9 SE	04-24	-24	-34	1
20 UNL 15	1029.3 NNE	07-00			3
21 UNL 15	1026.2 SE	12-34			3
22 UNL 15	1026.6 SSE	16-28	-28	-34	10
23 UNL 15	1026.5 SE	12-29	-29	-33	0
24 UNL 15	1026.6 SE	12-29	-29	-33	0
25 UNL 15	1026.6 SE	12-29	-29	-33	0
26 UNL 15	1032.4 N	04-24	-24	-30	4
27 UNL 15	1014.4 SE	08-26	-26	-32	1
28 UNL 15	1012.5 SE	07-23	-23	-29	10

AVG 1018*3 12 -23 05

Date	Calling (1000's 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 (hundred)
01 UNL 15										
02 UNL 15										
03 UNL 15										
04 UNL 15										
05 UNL 15										
06 UNL 15										
07 UNL 15										
08 UNL 15										
09 UNL 15										
10 UNL 15										
11 UNL 15										
12 UNL 15										
13 UNL 15										
14 UNL 15										
15 UNL 15										
16 UNL 15										
17 UNL 15										
18 UNL 15										
19 UNL 15										
20 UNL 15										
21 UNL 15										
22 UNL 15										
23 UNL 15										
24 UNL 15										
25 UNL 15										
26 UNL 15										
27 UNL 15										
28 UNL 15										

SACHS HARBOUR NMT
FEBRUARY 1961 1900 PST

01 UNL 15	1006.2 ESE	06-21	-21	-24	0
02 UNL 15	1009.8 NW	10-21	-21	-25	3
03 UNL 15	1012.4 S	10-21	-21	-25	3
04 UNL 15	1019.3 NE	12-29	-29	-31	2
05 UNL 15	1008.9 E	24-08	-08	-12	10
06 UNL 15	1008.3 ESE	22-07	-07	-11	1
07 UNL 15	1007.2 SE	10-01	-01	-03	10
08 UNL 15	1013.7 SE	10-01	-01	-03	10
09 UNL 15	1013.7 SE	10-01	-01	-03	10
10 UNL 15	1022.6 N	15-25	-24	-26	4
11 UNL 15	1029.5 N	15-33			3
12 UNL 15	1040.4 NW	11-33			0
13 UNL 15	1040.4 NW	11-33			0
14 UNL 15	1039.9 NW	10-35			0
15 UNL 15	1029.9 NW	14-16	-16	-21	10
16 UNL 15	1019.6 NW	10-15	-15	-20	10
17 UNL 15	1021.7 C	00-22	-22	-24	9
18 UNL 15	1021.7 C	00-22	-22	-24	9
19 UNL 15	1021.7 C	00-22	-22	-24	9
20 UNL 15	1024.5 NE	10-25	-25	-30	0
21 UNL 15	1024.5 NE	10-25	-25	-30	0
22 UNL 15	1026.0 SE	12-36			2
23 UNL 15	1026.0 SE	12-36			2
24 UNL 15	1016.0 SSE	20-26	-26	-32	10
25 UNL 15	1029.9 NW	11-33			0
26 UNL 15	1010.6 SW	11-33			0
27 UNL 15	1011.9 C	00-27	-27	-31	9
28 UNL 15	1015.4 SE	06-27	-27	-31	1
AVG	1010.2 SE	05-24	-23	-26	7

AVG 1018*2 11 -23 04

SACHS HARBOUR NMT
FEBRUARY 1961 0400 PST

01 UNL 15	1014.1 SE	16-16	-16	-21	0
02 UNL 15	1002.9 C	00-20	-20	-25	0
03 UNL 15	1009.1 ESE	09-22	-22	-27	4
04 UNL 15	1013.8 S	02-13	-13	-16	10
05 UNL 15	1016.9 E	18-18	-18	-23	6
06 UNL 15	1008.6 ESE	20-08	-08	-12	7
07 UNL 15	1008.6 ESE	20-08	-08	-12	7
08 UNL 15	1008.7 SE	13-03	-03	-06	10
09 UNL 15	1012.8 SE	06-03	-03	-06	10
10 UNL 15	1016.8 N	16-11	-11	-15	5
11 UNL 15	1029.1 NW	12-28	-28	-30	3
12 UNL 15	1031.0 N	12-36			0
13 UNL 15	1031.0 N	12-36			0
14 UNL 15	1035.4 NW	13-33			5
15 UNL 15	1059.7 WNW	12-29	-29	-31	0
16 UNL 15	1025.7 S	09-24	-24	-28	3
17 UNL 15	1026.8 NW	13-28	-28	-30	10
18 UNL 15	1026.8 NW	13-28	-28	-30	10
19 UNL 15	1021.2 NW	04-25	-25	-33	0
20 UNL 15	1020.2 N	18-37	-37	-43	0
21 UNL 15	1025.4 SE	11-24			2
22 UNL 15	1024.5 SE	13-25			2
23 UNL 15	1024.5 SE	13-25			2
24 UNL 15	1024.5 SE	13-25			2
25 UNL 15	1024.5 SE	13-25			2

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

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 (tenths)
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SACHS HARBOUR NMT
MARCH 1961 0100 PST

01 030 08	S-	1009.2	NH	10	-20	-20	-27	10		
02 080 12	IC	1015.6	NE	14	-19	-19	-23	9		
03 UNL 15		1023.3	NE	21	-33					
04 UNL 02	IF	1026.0	NE	14	-37					
05 UNL 10		1024.5	SE	06	-32					
06 UNL 12		1023.4	SE	06	-34					
07 UNL 10		1050.3	SE	08	-34					
08 UNL 12		1033.9	SE	11	-34					
09 UNL 10		1032.6	NE	13	-36					
10 UNL 10		1032.5	NE	13	-29	-29	-33	0		
11 UNL 10		1032.1	ESE	03	-25	-25	-29	0		
12 UNL 12		1027.0	E	04	-22	-22	-26	0		
13 UNL 15		1023.6	ESE	17	-25	-25	-31	0		
14 UNL 15		1026.2	E	17	-27	-27	-33	0		
15 UNL 15		1050.7	E	10	-30	-30	-39	0		
16 UNL 15		1014.1	E	20	-18	-18	-25	2		
17 UNL 08		1021.1	ESE	12	-29	-29	-33	0		
18 UNL 15		1029.2	SE	10	-31	-31	-37	0		
19 UNL 15		1027.4	ENE	16	-32	-32	-36	0		
20 UNL 15		1024.2	ENE	17	-23	-23	-27	0		
21 UNL 04	IF	1027.0	N	14	-24	-23	-25	2		
22 UNL 05	IF	1032.9	N	16	-27	-26	-27	2		
23 UNL 08		1033.1	NE	16	-25	-25	-27	2		
24 UNL 10		1052.1	NE	18	-20	-20	-25	2		
25 UNL 12		1034.9	E	18	-18	-18	-23	0		
26 UNL 15		1024.6	ESE	20	-19	-19	-23	0		
27 UNL 15		1033.4	ESE	06	-14	-14	-19	0		
28 UNL 15		1032.6	ESE	07	-22	-22	-27	1		
29 UNL 15		1030.3	ESE	12	-23	-23	-29	0		
30 UNL 15		1030.9	SE	02	-21	-21	-25	0		
31 UNL 15		1026.2	ENE	24	-28	-28	-32	0		

AVG 1027.7 12 -26 01

SACHS HARBOUR NMT
MARCH 1961 0400 PST

01 025 08	S-	1009.3	NE	14	-17	-17	-22	10		
02 130 15		1017.1	NE	14	-20	-20	-25	10		
03 UNL 15		1024.2	NE	16	-33					
04 UNL 04	IF	1026.1	NE	13	-37					
05 UNL 10		1024.3	SE	10	-32					
06 UNL 12		1023.4	C	00	-31	-31	-37	0		
07 UNL 12		1031.2	C	00	-33					
08 UNL 12		1033.9	SE	12	-35					
09 UNL 10		1032.1	NE	11	-36					
10 UNL 10		1033.3	ENE	11	-26	-27	-34	0		
11 UNL 10		1031.8	E	02	-27	-27	-31	0		
12 UNL 12		1026.4	E	10	-23	-23	-27	0		
13 UNL 15		1024.4	E	14	-25	-25	-31	0		
14 UNL 15		1027.0	ENE	23	-29	-29	-35	0		
15 UNL 15		1029.6	E	15	-29	-29	-35	0		
16 UNL 15		1011.1	ESE	22	-18	-18	-25	0		
17 UNL 15		1022.6	E	19	-30	-30	-36	3		
18 UNL 15		1029.2	ESE	11	-31	-31	-40	0		
19 UNL 15		1026.6	ENE	18	-29	-29	-33	2		
20 UNL 15		1024.8	NNE	13	-27	-27	-35	0		
21 UNL 05	IF	1027.4	NE	21	-28	-27	-28	3		
22 UNL 06	IF	1033.5	E	17	-27	-26	-29	2		
23 UNL 08		1032.8	NE	15	-29	-28	-29	0		
24 UNL 12		1032.5	E	06	-25	-25	-31	6		
25 UNL 12		1034.0	NE	15	-21	-21	-26	0		
26 UNL 15		1034.6	E	06	-17	-17	-22	0		
27 UNL 15		1033.3	E	07	-17	-17	-22	0		
28 UNL 15		1024.0	ESE	15	-24	-24	-30	1		
29 UNL 12		1030.6	ESE	09	-24	-23	-28	0		
30 UNL 15		1030.3	SE	02	-18	-18	-23	0		
31 UNL 15		1023.6	ENE	22	-28	-28	-32	0		

AVG 1027.7 12 -27 01

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 (tenths)
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SACHS HARBOUR NMT
MARCH 1961 0700 PST

01 012 06	S-	1009.4	NNE	15	-16	-16	-21	10		
02 UNL 15		1018.5	NE	20	-23	-23	-27	3		
03 UNL 03	IF	1024.7	NE	16	-32					
04 UNL 03	IF	1025.9	NE	13	-32					
05 UNL 07		1024.4	SE	15	-33					
06 UNL 04	IF	1023.6	C	00	-33					
07 UNL 08		1032.0	C	00	-32	-31	-36	0		
08 UNL 08		1033.6	SE	10	-35					
09 UNL 10		1032.0	NE	14	-36					
10 UNL 08		1032.3	NE	13	-27	-27	-31	0		
11 UNL 08		1031.0	E	02	-24	-24	-26	0		
12 UNL 12		1025.5	E	12	-22	-22	-27	0		
13 UNL 08		1024.8	E	13	-32	-32	-36	0		
14 UNL 15		1027.8	ENE	24	-33					
15 UNL 15		1028.7	ESE	02	-27	-27	-31	0		
16 UNL 10		1011.1	E	22	-23	-23	-29	3		
17 UNL 15		1023.8	ESE	10	-30	-30	-36	0		
18 UNL 08		1029.0	SE	08	-30	-31	-39	1		
19 UNL 07		1023.4	NE	17	-26	-26	-32	3		
20 UNL 15		1022.2	ENE	14	-28	-26	-33	0		
21 UNL 04		1028.2	N	12	-28	-28	-30	3		
22 UNL 08		1033.8	NNE	16	-25	-25	-29	1		
23 UNL 10		1032.7	NE	12	-25	-25	-29	0		
24 UNL 10		1033.1	ENE	14	-24	-24	-28	6		
25 UNL 12		1034.6	ENE	20	-20	-20	-27	0		
26 UNL 15		1031.3	NE	19	-19	-19	-23	0		
27 UNL 15		1033.2	E	09	-15	-15	-19	0		
28 UNL 10		1031.4	ESE	12	-24	-24	-30	1		
29 UNL 15		1030.7	SE	10	-24	-24	-30	0		
30 UNL 15		1029.6	NE	09	-20	-20	-24	0		
31 UNL 12		1023.5	E	22	-25	-25	-31	0		

AVG 1027.7 13 -26 01

SACHS HARBOUR NMT
MARCH 1961 1000 PST

01 012 06	S-	1009.9	N	13	-15	-15	-20	10		
02 UNL 15		1019.7	NE	14	-24	-24	-30	3		
03 UNL 07		1029.2	NE	14	-31	-31	-37	1		
04 UNL 05	IF	1025.9	ENE	14	-32					
05 UNL 08		1024.8	SE	16	-32					
06 UNL 10		1026.1	C	00	-32					
07 UNL 10		1032.8	C	00	-31	-31	-37	0		
08 UNL 10		1033.3	SE	09	-32					
09 UNL 06		1032.0	NE	15	-32					
10 UNL 10	IF	1011.1	ESE	18	-26	-26	-32	0		
11 UNL 12		1030.5	C	00	-21	-20	-25	0		
12 UNL 15		1024.5	E	15	-19	-19	-24	0		
13 UNL 12		1024.9	E	15	-24	-24	-30	0		
14 UNL 15		1028.3	E	15	-28	-27	-32	0		
15 UNL 15		1027.1	E	09	-29	-29	-35	0		
16 UNL 12		1031.1	ESE	18	-19	-19	-25	9		
17 UNL 15		1023.8	ESE	12	-26	-26	-32	0		
18 UNL 12		1028.7	SSE	08	-28	-28	-34	0		
19 UNL 15		1024.8	NE	20	-19	-19	-24	8		
20 UNL 15		1025.6	NE	19	-21	-21	-28	0		
21 UNL 08		1028.9	NM	12	-23	-23	-25	1		
22 UNL 12		1033.9	NNE	15	-22	-22	-26	1		
23 UNL 10		1031.1	E	08	-21	-21	-25	9		
24 UNL 10		1034.0	E	08	-21	-21	-26	7		
25 UNL 15		1034.7	E	14	-18	-18	-25	0		
26 UNL 15		1034.3	E	10	-11	-11	-15	0		
27 UNL 10		1032.9	ENE	15	-14	-13	-18	0		
28 UNL 15		1031.3	ESE	12	-22	-22	-26	3		
29 UNL 15		1031.2	C	00	-16	-16	-22	0		
30 UNL 15		1029.0	NE	15	-24	-24	-30	2		
31 UNL 15		1023.5	E	19	-24	-24	-30	0		

AVG 1027.8 12 -24 -24 -29 02

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 (tenths)
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SACHS HARBOUR NMT
MARCH 1961 1300 PST

01 160 10		1011.3	NE	07	-19	-19	-24	10		
02 UNL 15		1021.0	NE	19	-28	-28	-34	3		
03 UNL 01	1/2IF	1023.7	N	11	-30	-30	-36	1		
04 UNL 07		1025.8	C	00	-24	-24	-30	2		
05 UNL 10		1025.2	SE	12	-30	-30	-36	3		
06 UNL 10		1026.9	C	00	-29	-29	-35	0		
07 UNL 10		1033.3	SE	10	-30	-30	-36	0		
08 UNL 10		1033.3	SE	09	-30	-30	-36	8		
09 UNL 10		1032.1	NE	12	-30	-30	-36	0		
10 UNL 15		1033.0	ESE	04	-22	-22	-29	0		
11 UNL 15		1029.9	C	00	-23	-23	-29	0		
12 UNL 15		1024.0	ESE	12	-15	-15	-20	0		
13 UNL 15		1029.7	ESE	09	-20	-20	-27	1		
14 UNL 15		1029.5	ENE	18	-27	-27	-33	0		
15 UNL 15		1026.1	SE	06	-21	-21	-26	2		
16 UNL 15		1012.4	E	21	-16	-16	-21	3		
17 UNL 15		1026.8	SE	12	-24	-24	-30	1</		

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Cloud (100% R)	Visibility (stat)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Down Pnt (°F)	Sea Color (heath)
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SACHS HARBOUR NMT
APRIL 1961 0100 PST

01 UNL 10	1021.7 NE	23	-35	0		
02 UNL 08	1021.8 NE	24	-29	-35	1	
03 UNL 15	1023.5 E	15	-25	-31	0	
04 UNL 15	1024.5 SW	12	-24	-28	0	
05 UNL 12	1026.9 NW	11	-22	-26	3	
06 UNL 15	1026.0 WNW	12	-25	-29	2	
07 UNL 10	1016.0 NE	13	-24	-28	6	
08 UNL 12	1021.4 NW	13	-32	2		
09 UNL 12	1022.6 C	00	-25	-31	2	
10 UNL 12	1024.7 N	12	-31	-33	9	
11 00Z 00 1/8BS	1012.7 N	53	-14	-13	17	10
12 UNL 12	1013.0 NE	12	-31	-37	0	
13 UNL 10	1008.6 E	08	-21	-25	3	
14 UNL 10	1013.3 ESE	06	-26	-32	4	
15 UNL 03	1013.8 SE	13	-23	-27	7	
16 UNL 15	1018.4 ENE	06	-24	-30	0	
17 07Z 08	1012.0 NNE	21	-16	-16	20	9
18 UNL 15	1010.4 ESE	06	-10	-15	1	
19 04Z 12	1005.5 E	16	08	05	8	
20 04Z 12	1007.8 SE	12	09	03	8	
21 00Z 00 1/4IF	1011.0 N	21	07	07	05	10
22 UNL 15	1021.5 WNW	16	-09	-13	3	
23 UNL 15	1013.0 SE	10	-11	-14	1	
24 07Z 15	1013.9 SE	09	-04	-04	7	
25 01Z 05	1024.7 SSE	04	04	01	2	
26 UNL 15	1025.8 SE	19	04	03	2	
27 07Z 08	1022.0 S	21	17	17	14	10
28 03Z 10	1024.3 NNE	18	15	15	13	10
29 01Z 00 3/4BS	1025.6 N	30	05	02	10	
30 UNL 15	1034.3 NW	14	-08	-09	-14	3
AVG	1018.8	14	-14	-14	-18	05

SACHS HARBOUR NMT
APRIL 1961 0400 PST

01 UNL 04	BS 1021.0 NE	24	-34	0		
02 UNL 10	1022.6 NE	21	-29	-29	3	0
03 UNL 15	1023.0 SE	12	-24	-24	0	0
04 UNL 15	1023.9 SW	06	-23	-23	6	0
05 UNL 12	1027.0 NW	08	-22	-22	4	1
06 UNL 12	1025.0 WNW	09	-22	-26	4	1
07 UNL 10	1015.5 NE	16	-32	-32	6	4
08 UNL 07	1021.7 N	15	-22	-22	3	2
09 UNL 12	1023.3 NNE	05	-26	-26	3	1
10 UNL 12	1023.5 N	15	-27	-27	3	1
11 UNL 00 1/8BS	1012.9 NE	34	-21	-21	7	2
12 UNL 12	1011.7 N	13	-36	2		
13 UNL 12	1008.8 ESE	06	-22	-22	2	2
14 UNL 12	1013.4 E	12	-27	-27	3	2
15 UNL 04	1016.6 ESE	18	-27	-31	6	1
16 UNL 15	1017.6 ENE	18	-28	-28	3	0
17 02Z 08	1012.2 N	21	-16	-16	20	9
18 UNL 12	1009.5 E	12	-10	-10	3	9
19 04Z 12	1005.5 ESE	13	09	09	6	8
20 09Z 12	1007.6 NE	19	08	05	7	2
21 04Z 00 3/4S-BS	1014.5 NNE	24	05	05	01	10
22 UNL 12	1021.2 WNW	13	-11	-15	4	1
23 UNL 12	1011.2 E	08	-09	-13	1	1
24 01Z 05	1018.2 SSE	05	-01	-03	10	10
25 02Z 07	1025.5 ESE	10	-01	-03	10	10
26 UNL 15	1024.1 ESE	18	07	07	04	3
27 03Z 12	1023.5 SSE	08	18	16	10	10
28 04Z 12	1024.3 NE	15	15	15	13	10
29 01Z 00 1/2BS	1026.7 N	25	06	06	03	10
30 UNL 15	1035.3 NNE	12	-11	-10	-14	2
AVG	1018.8	15	-14	-14	-18	05

SACHS HARBOUR NMT
APRIL 1961 0700 PST

01 UNL 05	BS 1020.5 NE	23	-35	1		
02 UNL 15	1023.6 ENE	18	-30	-36	0	0
03 UNL 15	1023.5 SE	06	-22	-27	0	0
04 UNL 07	1023.6 SW	06	-23	-27	8	0
05 UNL 10	1027.7 WNW	07	-22	-24	3	0
06 UNL 10	1023.8 N	09	-24	-26	6	0
07 UNL 10	1015.6 NE	19	-33	4		
08 07Z 01 1/2IF	1022.4 NW	11	-30	-32	10	0
09 UNL 12	1023.9 NE	10	-27	-33	0	0
10 UNL 08	1022.7 N	15	-29	-33	3	0
11 UNL 02	BS 1014.6 N	22	-28	-34	2	0
12 UNL 10	1011.7 N	12	-31	-35	1	0
13 UNL 12	1009.0 ESE	05	-21	-26	6	0
14 UNL 12	1013.6 ESE	12	-26	-32	5	0
15 UNL 10	1017.7 ESE	12	-26	-30	2	0
16 UNL 15	1016.4 ENE	05	-22	-27	2	0
17 02Z 04	IF 1012.1 N	19	-15	-19	9	0
18 UNL 15	1007.9 NE	18	-13	-18	6	0
19 01Z 10	1006.8 ESE	20	09	06	10	0
20 07Z 15	1007.3 ENE	20	12	12	10	8
21 00Z 00 3/4S-BS	1016.4 NW	25	03	00	10	10
22 UNL 15	1020.4 WNW	09	-11	-14	2	0
23 UNL 15	1009.3 E	08	-03	-06	3	0
24 02Z 03	S- 1017.3 W	12	02	-01	9	0
25 00Z 03	IF 1025.1 SE	16	-03	-06	10	0
26 UNL 15	1023.8 SE	22	09	06	4	0
27 01Z 08	S- 1018.9 SE	22	19	17	14	10
28 04Z 12	1023.6 NE	14	13	13	11	10
29 01Z 02	BS 1028.1 NW	23	04	04	01	10
30 UNL 12	1036.6 NNE	11	-09	-09	-12	5
AVG	1019.0	14	-14	-14	-18	05

SACHS HARBOUR NMT
APRIL 1961 1000 PST

01 UNL 05	BS 1020.9 E	18	-24	-25	-32	1
02 UNL 15	1023.5 ESE	07	-23	-29	0	0
03 UNL 15	1023.6 SE	04	-19	-26	0	0
04 20Z 08	1023.2 SW	06	-20	-27	9	0
05 UNL 10	1027.8 W	02	-21	-26	7	0
06 10Z 12	1022.5 NW	07	-22	-29	9	0
07 07Z 03	BS 1016.6 NE	24	-33	9	0	
08 01Z 02	IF 1024.1 NE	15	-22	-24	10	0
09 UNL 10	1024.1 NE	05	-27	-33	0	0
10 UNL 01	BS 1020.8 N	24	-23	-27	5	1
11 UNL 04	BS 1014.5 N	19	-26	-32	2	0
12 UNL 10	1010.1 NNE	13	-25	-29	1	0
13 UNL 15	1009.3 ESE	08	-19	-23	0	0
14 UNL 10	1014.0 ESE	12	-21	-26	3	0
15 UNL 08	1018.6 SE	09	-22	-26	0	0
16 UNL 15	1015.5 NE	10	-19	-23	2	0
17 UNL 12	1013.0 N	15	-19	-14	-18	1
18 02Z 01	S-IF 1006.9 E	13	02	02	-01	10
19 01Z 10	1007.8 SE	04	11	09	10	0
20 08Z 15	1007.9 NE	10	12	12	10	10
21 02Z 00 1/4BS	1017.3 NNE	26	04	04	01	10
22 UNL 15	1019.3 W	06	-07	-06	-10	0
23 UNL 15	1008.8 E	02	-01	-01	-04	5
24 UNL 07	IF 1019.8 WNW	12	03	03	-02	4
25 UNL 05	IF 1023.5 SE	16	02	02	-02	8
26 18Z 10	S-IF 1023.3 SE	23	13	13	09	10
27 00Z 01	S-IF 1025.8 N	10	18	18	16	10
28 09Z 12	1023.6 NNE	21	16	16	13	10
29 UNL 01	BS 1029.0 NW	20	-01	-01	-03	2
30 UNL 12	1037.5 NW	10	-03	-03	-06	0
AVG	1019.0	12	-10	-10	-14	05

SACHS HARBOUR NMT
APRIL 1961 1300 PST

01 UNL 04	BS 1020.6 NE	30	-23	-23	-29	2
02 UNL 15	1024.1 ESE	08	-19	-19	-24	0
03 UNL 15	1024.1 C	00	-19	-19	-23	0
04 07Z 08	1023.6 W	10	-17	-17	-25	9
05 UNL 10	1027.9 WSW	05	-16	-16	-21	8
06 16Z 10	1021.2 NW	05	-19	-18	-22	10
07 09Z 04	BS 1017.6 N	22	-26	-27	-34	9
08 00Z 01 1/2IF	1022.2 WNW	18	-20	-20	-24	10
09 UNL 12	1024.9 NE	08	-24	-24	-28	0
10 04Z 01 1/2BS	1019.9 NW	20	-18	-18	-22	10
11 UNL 01	BS 1014.4 NE	26	-25	-25	-31	8
12 UNL 10	1009.6 NW	13	-18	-18	-22	6
13 UNL 15	1010.3 SE	10	-19	-19	-24	1
14 UNL 08	1014.8 SE	16	-17	-17	-23	7
15 UNL 10	1019.7 S	15	-19	-19	-24	0
16 16Z 12	1014.6 N	12	-14	-14	-19	9
17 UNL 15	1013.3 N	13	-13	-13	-16	5
18 01Z 00 1/2S-TF	1006.3 NE	12	07	07	05	10
19 02Z 10	1008.3 ESE	05	14	14	10	10
20 09Z 15	1008.9 ESE	11	17	17	14	9
21 01Z 00 1/4BS	1019.3 NW	24	04	04	01	10
22 UNL 15	1018.5 WNW	07	-05	-05	-08	0
23 18Z 15	1009.8 N	06	-01	-01	-05	8
24 01Z 08	1021.7 W	05	06	06	02	10
25 UNL 08	1024.9 SE	16	06	06	02	10
26 18Z 10	1020.4 SE	10	16	16	13	10
27 01Z 00 3/4S-IF	1025.8 N	15	17	17	17	10
28 01Z 05	BS 1023.7 N	31	16	16	14	10
29 UNL 07	1029.5 NW	21	00	00	-03	5
30 UNL 15	1038.4 NW	12	02	02	00	3
AVG	1019.3	14	-08	-08	-12	06

SACHS HARBOUR NMT
APRIL 1961 1600 PST

01 UNL 07	1021.0 NE	18	-23	-23	-29	8	
02 UNL 15	1024.0 E	12	-19	-19	-26	0	
03 UNL 15	1024.2 WNW	07	-18	-18	-25	0	
04 07Z 08	1024.0 WNW	14	-16	-16	-22	10	
05 04Z 10	1027.7 S	02	-14	-14	-18	8	
06 00Z 02	S- 1019.9 NW	07	-17	-17	-21	10	
07 04Z 03	BS 1018.8 N	24	-26	-26	-32	14	0
08 00Z 01	IF 1022.5 WNW	17	-21	-24	-26	10	0
09 UNL 12	1025.3 N	06	-23	-23	-27	0	0
10 00Z 00	BS 1017.4 NNE	26	-18	-18	-23	10	0
11 UNL 04	BS 1014.2 NE	16	-23	-23	-29	3	0
12 04Z 08	1009.4 NW	15	-17	-17	-22	10	0
13 07Z 08	1011.3 ENE	08	-19	-19	-23	12	0
14 06Z 08	1015.2 SE	18	-17	-17	-22	10	0
15 UNL 12	1019.8 S	13	-18	-18	-25	0	0
16 UNL 15	1013.5 NNE	10	-11	-11	-17	7	0
17 UNL 15	1013.2 N	12	-15	-15	-19	5	0
18 04Z 08	1006.0 NE	14	08	08	05	10	0
19 02Z 10	1008.8 N	08	15	15	13	10	0
20 12Z 15	1009.8 NNE	12	13	13	11	10	0
21 02Z 01	BS 1021.0 NW	23	02	02	-01	10	0
22 UNL 15	1017.4 W	07	-03	-03	-08	0	0
23 12Z 15	1011.1 N	11	-01	-01	-05	9	0
24 00Z 03	S- 1023.4 WSW	07	07	06	03	10	0
25 UNL 15</							

SYNOPTIC OBSERVATIONS
SACHS HARBOR

Table with 10 columns: Date, Ceiling (100's ft), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

Table with 10 columns: Date, Ceiling (100's ft), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

Table with 10 columns: Date, Ceiling (100's ft), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

Table with 10 columns: Date, Ceiling (100's ft), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

SACHS HARBOR MNT
MAY 1961 0100 PST

Table with 10 columns: Date, Ceiling (100's ft), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

SACHS HARBOR MNT
MAY 1961 0700 PST

Table with 10 columns: Date, Ceiling (100's ft), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

SACHS HARBOR MNT
MAY 1961 1300 PST

Table with 10 columns: Date, Ceiling (100's ft), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

SACHS HARBOR MNT
MAY 1961 1900 PST

Table with 10 columns: Date, Ceiling (100's ft), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

SACHS HARBOR MNT
MAY 1961 0400 PST

Table with 10 columns: Date, Ceiling (100's ft), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

SACHS HARBOR MNT
MAY 1961 1000 PST

Table with 10 columns: Date, Ceiling (100's ft), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

SACHS HARBOR MNT
MAY 1961 1600 PST

Table with 10 columns: Date, Ceiling (100's ft), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

SACHS HARBOR MNT
MAY 1961 2200 PST

Table with 10 columns: Date, Ceiling (100's ft), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

AVG 1019.6 13 15 15 13 07

AVG 1019.8 14 16 16 14 08

AVG 1019.9 14 21 20 18 07

AVG 1019.5 15 20 20 17 06

AVG 1019.6 13 15 15 13 08

AVG 1019.8 14 16 16 14 08

AVG 1019.9 14 21 20 18 07

AVG 1019.5 15 20 20 17 06

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Calling (1000 RA)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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SACHS HARBOUR NMT
JUNE 1961 0100 PST

01 UNL 15	1017.2 NE	04	31	30	28	0				
02 080 15	1009.6 E	18	35	34	32	7				
03 090 15	1005.8 NE	06	36	35	33	8				
04 020 15	1012.4 NE	16	31	30	29	8				
05 UNL 15	1019.8 E	18	26	26	24	8				
06 UNL 15	1020.5 SE	02	31	31	29	1				
07 UNL 15	1018.0 SE	18	39	36	33	5				
08 140 15	1009.3 ESE	24	44	40	36	7				
09 080 12	1004.8 SE	16	33	32	31	10				
10 008 08	1014.8 NNW	14	29	29	28	10				
11 010 15	1018.5 ESE	12	35	34	34	10				
12 UNL 15	1018.0 ESE	20	37	35	35	4				
13 UNL 15	1015.5 E	06	44	42	39	5				
14 090 15	1012.7 SE	12	37	36	35	8				
15 004 03	F	1014.6 N	14	34	34	10				
16 010 15	1020.9 NNW	18	29	29	27	10				
17 010 05	1024.8 N	18	29	29	28	9				
18 100 15	1019.6 SE	10	32	32	31	9				
19 UNL 15	1010.1 NNW	02	38	37	36	3				
20 070 15	1004.5 NW	12	35	34	34	10				
21 UNL 00	1012.9 C	00	33	33	33	9				
22 UNL 15	1014.3 NE	14	43	43	42	2				
23 120 15	1013.7 NE	22	48	46	45	9				
24 UNL 15	1013.2 ENE	24	50	46	43	5				
25 050 15	1012.2 N	06	41	40	39	9				
26 020 15	1009.1 SE	02	43	42	42	10				
27 025 15	1015.8 C	00	41	40	38	8				
28 015 10	SM-	1021.6 N	20	32	32	31	8			
29 001 00	1/8F	1020.3 N	14	30	30	10				
30 002 00	1/4F	1016.6 C	00	29	29	29	10			

AVG 1014.7 12 36 35 34 07

SACHS HARBOUR NMT
JUNE 1961 0400 PST

01 UNL 15	1016.4 E	14	31	29	27	0				
02 080 15	1007.3 E	18	37	35	33	8				
03 UNL 15	1006.2 NE	08	35	34	33	5				
04 020 15	1013.4 NE	20	29	28	27	8				
05 UNL 15	1020.2 E	18	27	26	24	1				
06 UNL 15	1020.5 ESE	06	33	32	30	1				
07 UNL 15	1017.2 ESE	18	39	36	33	7				
08 090 15	1008.4 ESE	24	43	40	36	10				
09 000 00	1005.1 S	24	32	32	32	10				
10 UNL 04	F	1015.3 N	12	29	28	5				
11 010 15	1018.7 E	12	36	35	34	10				
12 100 15	1017.6 E	24	38	36	34	7				
13 UNL 15	1014.5 E	06	45	43	40	5				
14 UNL 15	1012.1 SE	06	34	33	33	4				
15 002 00	1018.5 N	24	34	34	34	10				
16 010 15	1019.8 NNW	24	29	29	27	10				
17 007 05	F	1025.1 NW	14	29	29	28	10			
18 100 15	1017.4 SE	20	38	36	33	9				
19 UNL 15	1010.2 N	02	40	39	37	1				
20 008 12	1005.6 NW	16	37	37	36	10				
21 UNL 00	1013.5 C	00	35	35	35	9				
22 UNL 15	1014.2 NE	08	48	45	42	3				
23 120 15	1013.7 E	06	46	45	43	9				
24 UNL 15	1012.8 ENE	18	48	46	43	8				
25 050 15	1011.9 E	06	47	47	46	9				
26 015 12	1008.7 NE	08	45	43	42	10				
27 080 15	1017.0 ENE	03	45	39	37	7				
28 012 08	1021.6 NW	16	32	31	30	10				
29 002 00	1/8F	1019.8 W	08	30	30	10				
30 008 04	F	1016.3 NW	04	29	29	29	10			

AVG 1014.5 13 37 35 34 07

Date	Calling (1000 RA)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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SACHS HARBOUR NMT
JUNE 1961 0700 PST

01 UNL 15	1015.9 ENE	14	32	32	31	1				
02 080 15	1005.7 ESE	16	38	36	32	9				
03 UNL 15	1006.5 NE	06	36	35	33	3				
04 UNL 15	1015.0 NE	18	28	28	26	5				
05 UNL 15	1020.1 ESE	18	29	28	27	1				
06 UNL 15	1020.6 C	00	34	32	28	1				
07 UNL 15	1016.7 ESE	18	43	39	35	6				
08 090 15	1007.4 E	24	42	39	35	10				
09 002 00	1/8F	1006.4 W	12	32	32	10				
10 007 08	1015.6 N	12	31	31	31	8				
11 012 15	1016.7 SE	16	36	35	33	9				
12 UNL 15	1017.0 SE	20	41	39	34	5				
13 200 15	1014.5 C	00	52	47	43	8				
14 UNL 15	1012.0 SE	06	35	34	34	3				
15 003 00	1/2F	1016.1 N	24	34	34	10				
16 010 08	1019.4 NNW	18	31	30	29	10				
17 008 08	1025.4 NW	16	30	29	28	10				
18 040 15	1015.7 SE	18	39	36	33	10				
19 UNL 15	1010.3 C	00	47	45	43	1				
20 200 15	1006.9 NW	16	37	37	36	7				
21 UNL 15	1013.5 N	02	36	35	35	1				
22 UNL 15	1014.2 ENE	12	49	47	45	5				
23 090 15	1013.5 SE	16	46	42	38	9				
24 250 15	1012.2 E	18	34	30	46	9				
25 040 15	1011.3 ESE	04	49	47	45	10				
26 015 15	1009.4 NE	12	42	40	38	9				
27 080 15	1017.5 NE	12	45	39	34	7				
28 012 08	1021.6 NW	18	32	32	31	9				
29 003 05	F	1019.5 N	30	30	30	10				
30 008 05	F	1015.9 NW	05	30	30	29	10			

AVG 1014.5 13 38 36 34 07

SACHS HARBOUR NMT
JUNE 1961 1000 PST

01 UNL 15	1015.8 E	11	38	36	33	1				
02 080 15	1004.6 E	22	39	38	37	9				
03 UNL 15	1007.1 NNE	11	39	38	36	3				
04 UNL 15	1015.6 NE	20	32	31	30	4				
05 UNL 15	1020.7 SSE	10	31	30	28	1				
06 UNL 15	1020.1 ESE	04	41	37	31	0				
07 UNL 15	1015.2 ESE	20	49	45	40	2				
08 150 12	1006.0 SE	26	45	41	38	10				
09 004 08	1007.5 NNW	24	34	34	34	10				
10 007 08	1016.3 NNE	18	35	34	34	9				
11 UNL 15	1018.8 ESE	24	40	36	32	1				
12 UNL 15	1016.8 SE	21	43	40	36	4				
13 110 15	1014.4 S	08	46	43	40	9				
14 060 15	1011.4 S	06	39	37	35	9				
15 012 12	1017.2 N	18	36	35	35	10				
16 004 04	S-	1020.5 N	21	34	33	32	10			
17 012 12	1025.1 NW	14	32	31	31	9				
18 090 12	R-	1011.9 SE	30	41	38	34	10			
19 UNL 15	1009.2 N	02	55	50	45	2				
20 004 07	1008.2 NNW	16	35	35	34	10				
21 UNL 15	1014.0 SSW	06	41	39	36	1				
22 UNL 15	1013.6 ESE	20	61	51	42	3				
23 250 15	1012.0 NE	36	51	45	40	9				
24 100 15	1012.2 SE	08	59	49	46	9				
25 100 15	1010.9 S	03	51	47	47	9				
26 020 15	1009.6 NNE	20	45	42	39	9				
27 025 15	1018.4 NE	10	45	40	34	9				
28 012 08	1018.0 NW	18	32	32	31	10				
29 001 00	F	1018.7 SW	15	31	31	10				
30 006 12	F	1015.6 NW	12	33	32	10				

AVG 1014.3 16 41 38 36 07

Date	Calling (1000 RA)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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SACHS HARBOUR NMT
JUNE 1961 1300 PST

01 UNL 15	1014.9 ESE	12	41	39	36	2				
02 140 15	1004.0 ESE	18	44	42	38	8				
03 UNL 15	1008.0 NNE	17	39	37	36	3				
04 UNL 15	1016.8 ENE	10	34	33	29	4				
05 UNL 15	1021.0 S	10	33	32	30	2				
06 UNL 15	1019.7 SE	07	36	35	42	0				
07 UNL 10	1013.8 ESE	25	51	46	40	3				
08 150 12	1005.2 ESE	30	50	45	41	8				
09 012 12	1010.0 NW	28	36	36	35	10				
10 012 08	1016.7 NNE	16	37	36	34	10				
11 UNL 15	1018.8 SE	10	39	37	34	4				
12 UNL 15	1016.6 SE	19	46	42	37	1				
13 100 15	1014.2 SSE	08	43	42	41	9				
14 UNL 15	1012.2 E	40	39	37	32	2				
15 015 12	1018.5 NNE	18	39	38	36	10				
16 015 15	1021.9 N	24	37	35	32	9				
17 020 15	1025.0 NNW	10	34	32	31					

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS, and 850 MBS. Rows include data for days 01 to 31 and month MN.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include data for days 01 to 31 and month MN.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS, and 850 MBS. Rows include data for days 01 to 31 and month MN.

Table with columns for 850 MBS, 800 MBS, 750 MBS, and 700 MBS. Rows include data for days 01 to 31 and month MN.

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

JANUARY 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 Altitude, Temp., R.H., Wind, and MBS (600, 500, 400, 300). Includes data rows for various altitudes and a summary row at the bottom.

Table with columns for Altitude, Temp., R.H., Wind, and MBS (200, 150, 100, 70). Includes data rows for various altitudes and a summary row at the bottom.

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). Includes data rows for various altitudes and a summary row at the bottom.

Table with columns for Altitude, Temp., R.H., Wind, and MBS (200, 150, 100, 70). Includes data rows for various altitudes and a summary row at the bottom.

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

ALERT, N.W.T.
JANUARY 1961

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

CONSTANT PRESSURE DATA

00 GMT.

Table with columns for Altitude, Temp., R.H., and Wind for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for days 01 to 31.

00 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX WIND LEVEL. Includes data for days 01 to 31.

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for Altitude, Temp., R.H., and Wind for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for days 01 to 31.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX WIND LEVEL. Includes data for days 01 to 31.

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

FEBRUARY 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. Rows include Altitude, Temp., R.H., and Wind for each level. Includes a summary row for MN at 1001-33.7 59*.

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 at 1231-28.7 60 313 03.

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 at 1001-34.2 56*.

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 at 1229-29.2 62 309 02.

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 Altitude, Temp., R.H., and Wind for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data for 01-28 and MN 3699.

Table with columns for Altitude, Temp., R.H., and Wind for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for 01-28 and MN 10764.

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 01-28 and MN 3698.

Table with columns for Altitude, Temp., R.H., and Wind for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for 01-28 and MN 10768.

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

**ALERT, N.W.T.
FEBRUARY 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 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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	
01	19223	-69.9		263 05	22246	-72.1		220 09	24601	-74.3							
02	19239	-71.1			22240	-73.9			24506	-73.4							
03	19215	-73.0			22172	-78.0											
04	19124	-75.0		234 12													
05	19094	-73.3		230 10	22055	-76.3		235 09									
06	19118	-71.0		290 13	22106	-76.6		270 20									
07	19089	-72.0		306 10	22068												
08	19098	-72.7		311 14	22054	-78.0		320 15	24368	-77.9		309 23					
09	19138	-71.6			22112	-76.7			24446	-76.2							
10	19238	-71.5			22230	-74.7											
11																	
12	19100	-71.9		300 09	22082	-75.1		302 17	24443	-73.9		300 22					
13																	
14	19191	-70.0		015 10	22208	-72.2		354 17	24607	-70.3		036 16					
15																	
16																	
17																	
18	19238	-70.7		353 15	22258	-71.6		346 25	24660	-70.5		335 34					
19	19252	-72.1		009 13	22233	-75.0		353 22									
20	19192	-74.1		008 14	22160	-74.9		360 23									
21	19172	-75.3		358 14	22127	-76.3		004 20									
22																	
23	19200	-75.4		306 03	22141	-77.6		109 04									
24	19100	-77.2		144 11	22032	-76.8		109 03									
25																	
26	19061																
27	19128																
28	19297	-64.7		357 29	22434	-63.1		356 44									
MN	19167	-72.2	*		22164	-74.6	*		24519	-73.8	*					*	

00 GMT.

SPECIAL AEROLOGICAL DATA

Day	SURFACE		FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL							
	SYNOPTIC DATA		Lowest		Highest		Alt.		Temp.		Alt.		Temp.		Alt.		Temp.					
	hPa	mm	°C	mm	°C	ft	°C	ft	°C	ft	ft	°C	ft	ft	°C	ft	ft	ft				
01	60970	02	5	00	0			1	08.92	269	-64.5	303	0			9	07.62	333	300	31		
02	855	-02	8	10	0			1	09.40	251	-64.1	310	0									
03	15600	01	3	02	0			2	09.01	268	-66.1	302	0									
04	856	-02	7	11	0			1	09.39	250	-64.0	311	2	13.75	123	-65.6	378	9	04.26	555	236	24
05	856	-71	2	03	0			1	08.63	278	-62.4	303	0			9	08.60	279	217	18		
06	00900	38	7	15	0			1	07.37	337	-60.0	291	0			9	21.90	031	270	26		
07	856	-76	1	13	0			2	07.24	400	-56.4	282	1	13.36	129	-63.3	377	9	06.73	369	338	22
08	855	-02	1	03	0			1	07.94	307	-59.9	300	0			1	25.98	019	307	27		
09	856	-02	5	00	0			1	07.86	311	-59.8	298	0			4	06.92	363	329	33		
10	00900	01	7	06	0			2	07.10	357	-57.6	289	0			1	19.08	033	290	28		
11	00900	01	2	11	0			2	06.32	400	-56.4	282	0			8	16.04	084	277	25		
12	00900	02	8	01	0			1	07.09	354	-58.8	289	0			1	25.32	017	303	34		
13	30850	71	7	08	0			1	07.33	340	-59.2	292	0			7	05.30	466	081	15		
14	65700	71	8	28	0			1	08.04	308	-61.8	296	2	13.96	119	-65.0	382	9	07.70	325	078	36
15	855	-71	3	01	0			1	08.04	304	-57.2	304	0			1	13.80	121	061	20		
16	865	-39	3	02	0			1	08.60	281	-61.6	304	0			7	08.53	285	051	44		
17	856	-38	1	03	0			2	07.93	314	-62.0	293	0			8	12.82	143	017	13		
18	25600	37	2	09	0			1	08.93	270	-64.6	303	0			1	24.66	020	339	34		
19	00900	02	6	01	0			1	08.69	283	-62.4	302	0			1	23.60	024	360	28		
20	856	-10	8	01	0			2	08.80	280	-63.9	280	0			1	23.04	026	358	26		
21	00900	02	2	13	0			1	10.12	228	-71.7	307	0			1	22.72	027	302	21		
22	00900	01	7	02	0			6	10.20	229	-70.6	308	0			5	07.70	343	215	12		
23	15600	01	7	17	0			1	09.80	242	-68.3	307	0			9	03.00	668	100	25		
24	10870	01	8	02	0			2	08.66	284	-61.5	303	0			9	12.21	159	154	20		
25	00900	01	1	02	0			1	07.50	334	-62.2	288	0			5	05.51	456	147	17		
26	00900	02	2	14	0			1	08.54	282	-60.4	305	2	11.96	163	-62.5	353	8	02.93	665	250	16
27	00900	02	2	02	0			1	08.44	290	-59.7	304	0			8	07.00	365	199	11		
28	00900	02	2	05	0			2	07.45	342	-58.2	293	0			1	23.88	024	002	62		
MEAN									08.30	300	-61.9	299		13.26	134	-64.1	373					

CONSTANT PRESSURE DATA

12 GMT.

Day	50 MBS				30 MBS				20 MBS				10 MBS								
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.					
01	19274	-70.5			22285	-72.7															
02																					
03																					
04	19161	-72.4		221 12	22127	-76.1		236 10													
05	19141	-71.5		242 11	22132																
06																					
07	19072	-72.9		319 12	22008	-79.6		297 11													
08	19105	-74.0																			
09	19262	-71.4			22252	-75.0			24594	-77.2											
10	19230																				
11	19168	-72.2		289 13	22159	-73.8		289 23	24531	-73.0		294 28									
12	19027	-74.9		304 11	22006																
13	19144	-70.9		343 08	22143	-74.2		356 15													
14	19177																				
15																					
16																					
17	19264	-68.9		355 19	22303	-70.6		350 30	24718	-69.2		351 39									
18	19219	-72.5		355 13	22214	-73.7		347 21													
19	19198	-73.3		016 14	22172	-75.2		356 20													
20	19153	-75.4		315 16	22095																
21	19146	-76.1		350 10	22084	-77.4		345 17													
22	19167	-75.6		323 03	22104	-78.2		360 08													
23	19116	-76.3		151 05																	
24																					
25																					
26	19111	-72.6		121 03	22097	-73.9		000 00	24501	-70.1		020 09									
27																					
28	19346	-63.3		346 35	22489	-63.2		351 50	24994	-59.7		349 61	29355	-56.9		356 80					
MN	19174	-72.5	*		22167	-74.1	*		24668	-69.8	*		29355	-56.9	*						

12 GMT.

SPECIAL AEROLOGICAL DATA

Day	SURFACE	
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CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS, and 850 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, 900 MBS, and 850 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

MARCH 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 pressure levels (600 MBS, 500 MBS, 400 MBS, 300 MBS) and meteorological data (Altitude, Temp., R.H., Wind).

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.

12 GMT. CONSTANT PRESSURE DATA

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

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

CONSTANT PRESSURE DATA

00 GMT.

Table with columns for Altitude, Temp., R.H., Wind for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for days 01-31 and a mean row.

00 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes data for days 01-31 and a mean row.

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for Altitude, Temp., R.H., Wind for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for days 01-31 and a mean row.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes data for days 01-31 and a mean row.

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

APRIL 1961

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION

74082 62°20'N 62°20'W 66 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

PT	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	1032	-34.9	50	0000	00	0290	-28.3	38	00	0660	-24.1	56	00	1059	-22.4	49	00		
02	1026	-37.5	290	02	0246	-32.7	66	310	05	0610	-23.0	67	006	09	2013	-21.7	47	042	
03	1016	-37.6	000	00	0176	-30.0	00	0000	00	0540	-25.4	57	075	03	0940	-20.1	39	095	
04	1007	-37.8	320	02	0114	-34.1	00	0000	00	0500	-14.3	53	00	0901	-14.2	53	00		
05	1007	-35.8	47	0000	00	0115	-32.7	47	00	0490	-17.9	53	00	0896	-16.4	56	00		
06	1021	-28.9	39	0000	00	0213	-27.3	51	0000	00	0590	-26.7	62	197	02	0978	-21.8	69	214
07	1026	-35.0	39	320	02	0246	-30.5	265	02	0630	-23.6	69	179	02	1013	-21.6	65	126	
08	1018	-32.9	38	0000	00	0194	-25.8	43	0000	00	0580	-23.4	58	00	0964	-21.9	48	00	
09	1017	-34.6	41	0000	00	0185	-28.9	49	0000	00	0560	-22.9	48	042	04	0958	-18.3	32	076
10	1016	-34.8	45	320	02	0174	-33.0	41	278	02	0560	-21.3	58	223	04	0945	-20.8	42	219
11	1028	-29.8	41	0000	00	0265	-24.3	44	00	0630	-23.5	56	00	1037	-22.3	54	00		
12	1024	-29.4	37	0000	00	0238	-24.0	51	00	0610	-21.2	54	00	1015	-21.3	61	00		
13	1015	-29.4	36	0000	00	0173	-24.7	36	00	0540	-21.6	56	00	0950	-20.7	68	00		
14	1018	-22.3	49	270	02	0198	-19.1	62	000	00	0580	-17.8	60	250	03	0986	-17.1	64	304
15	1023	-20.9	46	040	02	0234	-20.4	46	00	0615	-19.3	45	00	1019	-18.3	54	00		
16	1014	-15.0	49	290	05	0171	-16.5	51	00	0550	-16.6	45	00	0965	-15.4	32	00		
17	1024	-23.1	53	000	00	0240	-23.0	61	000	00	0610	-23.6	69	162	04	1011	-24.6	73	210
18	1016	-25.7	46	000	00	0181	-23.0	57	000	00	0560	-20.1	57	261	06	0962	-19.1	50	000
19	1017	-20.7	51	040	02	0192	-13.4	64	00	0580	-12.7	55	00	0994	-14.3	54	00		
20	1022	-11.1	59	270	09	0234	-06.9	48	00	0630	-08.4	47	00	1051	-10.4	52	00		
21	1018	-16.8	52	000	00	0202	-10.2	58	00	0600	-08.7	51	00	1018	-09.8	54	00		
22	1019	-18.7	67	360	02	0206	-19.7	71	356	03	0580	-20.9	77	008	05	0987	-18.7	81	041
23	1020	-27.9	43	000	00	0208	-27.4	40	00	0590	-18.6	40	00	0992	-18.9	40	00		
24	1009	-25.9	49	000	00	0150	-22.9	54	121	01	0510	-10.3	47	00	0924	-10.6	25	123	
25	1005	-12.9	58	040	02	0104	-14.0	56	00	0500	-10.3	40	00	0912	-12.2	57	252		
26	1016	-14.9	68	000	00	0186	-15.3	72	000	00	0570	-16.4	81	343	04	0979	-17.6	87	119
27	1021	-16.9	59	000	00	0221	-16.3	66	000	00	0610	-16.2	78	275	01	1015	-15.0	69	316
28	1011	-13.8	52	000	00	0149	-09.0	61	249	02	0540	-08.7	53	241	02	0966	-09.4	54	00
29	1015	-15.3	47	140	03	0178	-15.8	54	00	0565	-17.1	74	00	0971	-15.4	80	00		
30	1013	-18.9	53	340	02	0162	-18.3	52	337	02	0550	-17.2	52	344	03	0990	-16.7	58	004
MN	1018	-25.5	49	*	194	-22.0	55	*	575	-18.6	58	*	979	-17.5	56	*			

PT	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	1479	-22.4	38	068	13	1925	-23.7	31	072	15	2390	-25.4	A18	079	13	2894	-27.5	A19	081
02	1435	-22.2	49	065	13	1881	-23.7	43	070	12	2360	-25.7	47	084	12	2849	-27.1	A19	089
03	1365	-18.9	27	109	06	1816	-20.6	A18	128	06	2290	-22.8	A18	134	05	2795	-25.3	A18	137
04	1393	-16.2	54	00	1788	-18.6	55	00	00	2270	-18.7	39	135	04	2782	-20.4	25	147	
05	1326	-15.8	55	00	1784	-17.1	57	00	00	2260	-19.1	62	087	03	2777	-21.2	67	090	
06	1400	-21.2	49	169	03	1848	-21.5	75	115	08	2320	-19.8	69	097	14	2836	-22.0	62	109
07	1435	-21.2	66	085	04	1885	-19.6	66	093	07	2370	-20.0	26	113	11	2872	-22.7	39	105
08	1387	-20.1	27	00	1836	-21.5	A18	071	07	2310	-23.0	A18	071	08	2814	-24.7	A18	065	
09	1387	-16.6	26	079	14	1843	-18.2	A17	083	12	2320	-20.8	A18	086	10	2831	-23.3	A18	089
10	1369	-18.2	46	209	08	1821	-20.0	43	186	07	2300	-22.5	61	155	05	2801	-25.0	70	110
11	1455	-23.8	42	324	04	1899	-23.8	35	008	04	2360	-25.2	42	017	06	2868	-27.5	51	030
12	1436	-22.0	51	330	04	1883	-23.0	43	335	04	2350	-25.1	61	335	05	2853	-27.5	63	324
13	1372	-21.2	75	00	1819	-22.4	75	091	04	2290	-23.9	72	049	03	2793	-26.3	59	056	
14	1414	-18.4	60	312	11	1866	-19.8	77	319	10	2330	-21.2	80	330	07	2892	-22.2	80	009
15	1444	-19.7	65	00	1896	-19.4	55	323	04	2370	-21.2	42	350	04	2881	-23.3	28	009	
16	1396	-16.3	41	00	1851	-18.7	59	00	00	2330	-21.6	57	00	00	2834	-23.2	47	140	
17	1425	-24.9	76	233	07	1868	-24.4	78	245	07	2330	-25.6	78	222	04	2836	-27.0	78	210
18	1386	-21.0	46	000	00	1833	-22.7	50	255	06	2320	-24.2	55	260	07	2807	-26.2	59	263
19	1426	-16.7	63	327	04	1881	-19.1	72	322	02	2340	-19.3	72	300	04	2872	-21.7	71	281
20	1469	-12.7	58	00	1950	-15.1	63	00	00	2440	-16.8	70	291	05	2953	-17.5	77	295	
21	1457	-12.1	47	00	1920	-13.0	37	00	00	2430	-15.0	70	332	04	2931	-16.0	81	318	
22	1416	-15.9	81	037	04	1873	-16.5	81	023	04	2360	-17.6	81	036	04	2876	-17.4	80	027
23	1424	-15.1	080	06	1882	-16.2	075	06	075	06	2370	-17.4	064	04	2882	-19.3	033	04	
24	1364	-10.4	A16	131	06	1830	-12.0	A16	134	06	2320	-13.8	A16	135	05	2844	-16.6	A17	131
25	1349	-12.8	72	131	05	1812	-14.2	76	195	09	2300	-15.0	69	250	09	2820	-19.2	35	187
26	1406	-17.8	84	302	03	1861	-18.2	80	231	07	2350	-19.6	78	217	08	2854	-21.7	79	218
27	1447	-16.1	66	208	04	1903	-17.5	64	287	06	2390	-18.9	60	290	07	2898	-20.4	51	302
28	1409	-08.2	73	00	1881	-08.7	81	00	00	2370	-10.5	83	00	00	2909	-13.0	82	00	
29	1403	-14.9	80	00	1861	-16.0	74	240	04	2340	-16.9	31	251	08	2864	-18.4	A17	241	
30	1378	-18.4	61	057	02	1890	-20.0	63	091	02	2310	-20.3	58	257	03	2817	-21.8	55	253
MN	1407	-17.7	56	*66	01	1861	-18.8	55	*	2340	-20.2	53	*	2850	-22.2	49	*102	01	

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

PT	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	1029	-32.1	49	000	00	0269	-28.7	58	000	00	0630	-23.2	70	010	09	1039	-22.1	75	052
02	1022	-36.8	45	000	00	0219	-31.0	56	000	00	0590	-26.6	61	003	03	0980	-24.5	41	056
03	1009	-36.2	47	000	00	0129	-32.4	45	000	00	0510	-21.2	40	330	03	0906	-15.6	35	112
04	1007	-35.4	48	000	00	0113	-30.5	44	000	00	0490	-18.1	56	048	03	0898	-15.6	65	091
05	1014	-31.4	50	000	00	0164	-31.1	53	000	00	0530	-25.0	63	323	04	0927	-19.9	66	310
06	1026	-34.2	41	000	00	0246	-30.6	63	000	00	0630	-23.6	64	207	03	1014	-21.1	61	179
07	1023	-34.0	47	000	00	0227	-30.7	50	308	01	0600	-25.8	57	005	04				

APRIL 1961

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment

IDNOX 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 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

APRIL 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 Altitude, Temp., R.H., Wind for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for various altitudes and a mean row at the bottom.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes data for various altitudes and a mean row at the bottom.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Altitude, Temp., R.H., Wind for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for various altitudes and a mean row at the bottom.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes data for various altitudes and a mean row at the bottom.

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

ALERT, N.W.T.
MAY 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. 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

Commencing May 21, 12 GMT, this station reverted to the use of the 1680 mc AN-AMB "unshielded" type radiosonde for all ascents.

MAY 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	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	3923	-28.8	33	318 06	5209	-36.1	A21	280 08	6725	-47.0		270 14	8632	-44.8		273 16
02	3889	-29.5	42	060 01	5170	-37.2	60	224 03	6681	-46.9		211 04	8582	-45.5		240 05
03	3856	-31.2	68	059 01	5128	-38.8		075 01	6625	-49.6		151 01	8522	-45.7		088 02
04	3863	-30.9	93	135 01	5135	-39.1	79	059 03	6632	-49.6		157 03	8529	-42.9		107 03
05	3876	-31.6	86	210 06	5145	-39.8	53	196 06	6636	-48.9		199 07	8548	-42.0		195 08
06	3897	-31.0	52	240 03	5167	-39.4	46	216 05	6663	-48.3		190 06	8580	-42.9		177 08
07	3905	-31.5	39	231 07	5174	-39.7	33	233 08	6668	-47.4		232 06	8592	-42.4		236 05
08	3928	-28.1	42	289 05	5216	-35.9	37	301 06	6738	-45.0		319 06	8649	-45.8		304 06
09	3974	-25.2	33	279 07	5277	-33.0	35	283 10	6809	-44.9		284 12	8686	-51.4		269 10
10	4024	-24.9	A18	270 07	5329	-32.8	A20	260 08	6863	-44.8		263 11	8745	-51.4		258 10
11	4022	-27.0	A19	048 07	5312	-36.1	A21	032 03	6830	-45.6		025 04	8732	-47.2		048 11
12	3977	-24.0	28	020 05	5288	-31.7	50	020 07	6838	-41.0		023 14	8742	-49.3		023 11
13	3947	-27.9	A19	343 06	5237	-35.9	A21	330 06	6764	-41.8		003 11	8708	-42.3		014 08
14	3951	-23.9	A18	030 08	5263	-31.3	A20	023 14	6825	-37.6	A22	025 29	8765	-46.3		024 16
15	3947	-23.3	36	242 03	5262	-31.1	56	244 03	6810	-41.4		226 06	8725	-49.8		186 07
16	3981	-24.6	46	193 07	5284	-34.0	36	162 06	6816	-44.0		196 10	8724	-44.0		177 08
17	3999	-26.7	71		5292	-35.4	38	180 07	6807	-46.5		186 09	8707	-45.3		167 08
18	4000	-25.5	A19	192 02	5294	-35.9	A21	164 05	6808	-47.5		179 05	8710	-43.4		133 02
19	3970	-25.4	44	174 03	5270	-30.0	47	187 05	6798	-44.5		191 07	8694	-44.0		218 18
20	3958	-26.4	A19	190 04	5251	-35.1	30	193 08	6795	-44.5		202 12	8702	-42.0		204 18
21	3978	-28.0	33	201 02	5264	-36.6	54	130 01	6775	-47.2		096 05	8675	-42.2		206 04
22	3991	-27.0	47	326 04	5281	-36.0	36	332 09	6800	-45.5		340 11	8688	-46.7		320 11
23	3977	-27.4	66	244 15	5265	-36.9	63	233 15	6775	-46.6		236 13	8666			23 23
24	3994	-34.1	40	126 07	5249	-39.9	37	086 14	6764	-42.4		063 13	8713	-41.2		039 10
25	4056	-22.9	63	335 05	5371	-30.7	44	005 06	6923	-41.0		356 09	8820	-53.6		339 06
26	3930	-26.0	55	266 07	5230	-33.8	42	243 11	6760	-44.4		232 19	8676	-43.1		271 06
27	3890	-31.0	66	289 04	5166	-37.9	65	100 07	6685	-43.9		085 08	8630	-40.0		037 06
28	3908	-26.9	31	089 06	5200	-35.9	33	079 07	6722	-43.6		071 08	8667	-40.3		056 04
29	3933	-23.1	A18	150 04	5306	-32.0	A20	133 06	6844	-43.4		190 05	8764	-41.6		060 05
30	3918	-20.1	A18	116 02	5244	-29.3	A19	060 05	6804	-38.3	A22	046 16	8775	-44.0		050 33
31	3991	-19.1	A17	055 03	5325	-27.0	A19	061 08	6907	-35.1		63 05	8865	-47.0		035 19
MN	3952	-26.9	40	*	5245	-35.1	39	*23 01	6770	-44.5	36	*313 01	8684	-44.9		* 4 01

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	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.	Altitude	Temp. °C	R.H. %	Wind deg. mps.
01	3910	-28.7	A19	214 01	5195	-36.6	A22	259 05	6711	-46.4		264 11	8607	-45.0		246 08
02	3866	-29.8	60	060 01	5146	-36.1	60	186 02	6651	-48.7		193 03	8556	-43.0		149 02
03	3858	-30.8	72	089 02	5135	-39.0	63	131 02	6629	-50.5		120 03	8529	-43.1		100 03
04	3851	-31.7	66	182 03	5117	-40.5	174	03	6605	-50.4		143 06	8500	-42.6		166 04
05	3890	-31.5	59	136 03	5159	-39.4	54	160 03	6658	-47.5		191 05	8574	-42.4		178 09
06	3915	-30.5	51	283 02	5189	-39.1	44	270 01	6687	-47.9		321 01	8617	-41.2		164 05
07	3916	-30.0	32	267 04	5192	-38.1	A22	275 05	6701	-44.0		272 04	8634	-43.2		248 06
08	3950	-26.7	52	252 07	5243	-34.7	41	276 05	6773	-43.2		345 09	8676	-48.1		329 06
09	4001	-25.0	69	247 09	5304	-33.7	68	255 12	6856	-44.3		250 13	8720	-51.2		235 09
10	4032	-26.8	A19	015 03	5334	-33.4	A21	230 06	6859	-45.9		263 07	8738	-42.0		239 03
11	4011	-26.2	A19	351 07	5308	-34.7	A21	058 09	6844	-42.9		059 19	8753	-49.9		055 20
12	3913	-24.1	A18	009 07	5251	-32.7	A20	330 05	6783	-42.4		310 06	8711	-43.6		345 06
13	3954	-26.0	A19	060 07	5250	-33.7	A21	051 13	6801	-38.6	A22	040 18	8754	-42.2		036 13
14	3937	-23.1	A18	344 03	5251	-30.6	34	005 08	6806	-40.0	51	001 07	8734	-48.9		344 02
15	3945	-25.3	51	209 06	5249	-33.6	61	194 05	6787	-43.3		179 07	8682	-46.9		162 08
16	3991	-25.3	68	144 05	5289	-34.5	70	134 06	6815	-43.8		176 11	8723	-45.7		174 10
17	4004	-27.8	46	167 05	5291	-36.7	44	151 06	6803	-47.4		130 10	8689	-46.1		157 06
18	3992	-25.8	A19	199 06	5285	-36.1	A21	192 06	6805	-45.9		213 08	8713	-44.7		206 08
19	3968	-26.1	188	07	5264	-35.1	186	08	6788	-44.9		190 12	8693	-43.5		195 12
20	3976	-27.4	A19		5266	-36.1	47		6779	-46.5		015 05	8680	-42.0		194 07
21	3953	-28.3	31	360 04	5237	-36.8	44	017 07	6751	-46.3		191 06	8658	-41.7		335 03
22	4006	-26.5	70	270 10	5301	-34.8	75		6825	-44.6			8711	-49.7		
23	3940	-34.3	72	203 09	5193	-41.8	194	15	6702	-42.9		174 17	8660	-38.4		192 04
24	4044	-26.1	A19	062 10	5344	-33.4	A20	050 19	6888	-41.3		049 24	8785	-50.5		051 29
25	4009	-24.0	70	268 12	5319	-31.9	68	263 10	6863	-41.0		264 12	8763	-53.2		263 10
26	3869	-29.0	69	301 02	5150	-37.5	64	296 03	6673	-43.0		317 03	8619	-39.7		347 04
27	3883	-29.8	42	074 10	5161	-38.0	41	062 07	6672	-44.2		088 05	8617	-39.7		050 07
28	3948	-25.1	33	119 03	5248	-34.4	A21	145 02	6776	-43.0		097 07	8709	-42.6		042 04
29	3990	-21.3	A17	120 03	5310	-33.6	A19	134 05	6859	-41.8		070 07	8706	-42.0		031 17
30	3989	-19.6	A17	033 03	5323	-27.1	A19	065 05	6909	-33.6	A21	050 20	8885	-45.3		045 18
31	3982	-21.2	30	095 04	5313	-27.2	30	063 08	6894	-35.9	54	039 10	8849	-46.7		036 16
MN	3952	-26.9	42	*	5246	-35.1	41	*01 01	6772	-43.9	37	*90 01	8688	-45.0		* 64 02

A Statistical Value for Relative Humidity

* Vector Mean Wind

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

00 GMT.

CONSTANT PRESSURE DATA

Day	200 MBS				150 MBS				100 MBS				70 MBS			
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. 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	11370	-41.9		280 08	13321	-41.6		306 02	16069	-42.7		321 05	18471	-43.9		315 03
02	11320	-41.5		309 03	13269	-42.0		340 03	16011	-42.7		354 04	18416	-43.3		025 03
03	11279	-40.1		040 02	13240	-41.0		037 03	15989	-42.4		003 03	18398	-42.8		020 04
04	11292	-39.8		159 05	13253	-41.1		165 02	15998	-42.8		127 02	18400	-43.8		080 02
05	11316	-39.7		175 06	13272	-42.4		168 05	16011	-42.9		145 04	18413	-43.5		094 03
06	11337	-40.8		142 10	13293	-41.8		151 06	16027	-44.0		165 03	18412	-45.3		110 03
07	11350	-40.9		205 03	13303	-42.4		172 06	16039	-44.1		000 00	18422	-45.0		000 00
08	11375	-42.7		283 03	13314	-43.7		305 02	16033	-44.9		000 00	18413	-46.0		070 02
09	11383	-43.7		242 02	13318	-43.6		000 00	16038	-44.6		355 01	18424	-45.0		115 01
10	11455	-42.9		252 02	13394	-43.4		143 01								

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

Table with columns for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include time, altitude, temperature, relative humidity, and wind speed/direction.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes sub-columns for synoptic data, lowest/highest freezing levels, and various atmospheric parameters.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include time, altitude, temperature, relative humidity, and wind speed/direction.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes sub-columns for synoptic data, lowest/highest freezing levels, and various atmospheric parameters.

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

Commencing May 21, 12 GMT, this station reverted to the use of the 1680 mc AR-AMT "unshielded" type radiosonde for all ascents.

ALERT, N.W.T.

JUNE 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, Temp., R.H., Wind, and data for various altitudes from 1000 to 30 MBS.

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

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include Altitude, Temp., R.H., Wind, and data for various altitudes from 1000 to 30 MBS.

Table with columns for 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include Altitude, Temp., R.H., Wind, and data for various altitudes from 850 to 700 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.
JUNE 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. (°C), R.H. (%), Wind (deg, mps), and pressure levels (600 MBS, 500 MBS, 400 MBS, 300 MBS).

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

Table with columns for Day, Altitude (Pres. on Sfc.), Temp. (°C), R.H. (%), Wind (deg, mps), and 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 Missing Wind Data

JUNE 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

Table with columns for Altitude, Temp., R.H., 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 levels and wind velocities.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Altitude, Temp., R.H., 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 levels and wind velocities.

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

CLYDE, N.W.T.
JANUARY 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 Day, SURFACE, 1000 MBS, 950 MBS, 900 MBS. Includes altitude, temperature, RH, and wind data for various days in January 1961.

Table with columns for Day, 850 MBS, 800 MBS, 750 MBS, 700 MBS. Includes altitude, temperature, RH, and wind data for various days in January 1961.

CONSTANT PRESSURE DATA 12 GMT.

12 GMT. CONSTANT PRESSURE DATA

Table with columns for Day, SURFACE, 1000 MBS, 950 MBS, 900 MBS. Includes altitude, temperature, RH, and wind data for various days in January 1961.

Table with columns for Day, 850 MBS, 800 MBS, 750 MBS, 700 MBS. Includes altitude, temperature, RH, and wind data for various days in January 1961.

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

Commencing January 17, 00 GMT, the #03 ac "unshielded" type radiosonde was used for all ascents.

CLYDE, N.W.T.

JANUARY 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 pressure levels (600 MBS, 500 MBS, 400 MBS, 300 MBS) and meteorological data (Altitude, Temp., R.H., Wind).

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.

12 GMT. CONSTANT PRESSURE DATA

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

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

Commencing January 17, 00 GMT, the 403 mc "unshielded" type radiosonde was used for all ascents.

CLYDE, N.W.T.
FEBRUARY 1961

STATION INSTRUMENTATION
USWB type radiosonde, Metax RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74090 70°27'N 66°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	1014	-23.4	64	315	02	0120	-23.2	58	320	04	0490	-23.9	60	331	10	0889	-26.9	68	338	12
02	1018	-24.2	54	315	04	0148	-22.8	55	330	05	0510	-24.0	56	359	07	0917	-24.0	53		
03	1018	-28.8	51	090	00	0143	-23.8	52	000	00	0510	-19.9	48	329	04	0922	-19.9	49	937	07
04	1009	-21.7	67	000	00	0084	-20.3	64	000	00	0463	-14.8	47	220	03	0877	-16.1	46	237	04
05	1010	-22.2	73	090	00	0085	-20.3	71	000	00	0465	-20.7	72	344	04	0863	-23.2	75	311	06
06	1009	-26.6	67	315	01	0083	-26.6	76	319	02	0450	-26.5	71	335	02	0844	-26.6	73	130	01
07	1011	-29.6	54	120	02	0091	-29.2	60	083	02	0450	-27.0	66	333	02	0850	-27.9	68	331	05
08	1012	-27.9	76	60		0109	-24.8	66			0498	-27.0	66			0868	-29.4	66		
09	1014	-23.8	67			0116					0485					0887	-24.0	67		
10	1009	-22.2	70	315	03	0081	-20.9	63	317	05	0460	-21.0	60	333	15	0861	-20.3	60		
11	1006	-22.1	59	315	01	0060	-20.3	58	318	02	0450	-21.1	62	344	06	0838	-22.2	65	322	03
12	1011	-28.8	69	315	01	0095	-25.5	68	311	01	0460	-24.9	72	300	02	0862	-24.8	75	300	03
13	1003	-25.7	73	330	06	0036	-25.9	73	331	06	0400	-28.4	75	350	08	0791	-31.1	76	012	07
14	1003	-31.3	59	135	01	0040	-30.9	59	150	02	0405	-29.9	57	327	07	0789	-32.6	58	322	06
15	1006	-35.3	48	000	00	0039	-34.2	51	000	00	0415	-34.3	53	000	00	0796	-35.3	57	272	02
16	1004	-37.7		000	00	0044	-37.2		000	00	0400	-36.2	52	343	04	0775	-37.1	58	007	05
17	1009	-39.1		000	00	0074	-37.7		000	00	0440	-36.3	47	165	04	0805	-36.3	52	175	05
18	1011	-35.3	48	315	05	0091	-35.5	51	318	06	0445	-36.2	59	338	08	0822	-37.0	67	356	09
19	1002	-35.2	71	000	00	0032	-34.8	68	000	00	0395	-32.4	55	313	02	0774	-33.0	59	333	02
20	1004	-39.9		000	00	0043	-39.3		000	00	0400	-39.3	48	223	02	0821	-33.8	50	188	02
21	1010	-39.9		000	00	0084	-38.0		000	00	0445	-35.1	36	130	05	0819	-33.2	39	141	05
22	1004	-34.8	61	000	00	0041	-34.6	60	000	00	0400	-35.0	58	313	04	0777	-34.9	61	323	05
23	1001	-38.4		000	00	0025	-38.0		000	00	0395	-32.5	54	000	00	0766	-33.3	58	265	02
24	1007	-36.6	150	01	0063	-34.4	160	01	0420	-30.8	47	342	01	0811	-31.2	47	341	02		
25	1010	-37.4		000	00	0087	-32.9		000	00	0445	-31.2	50	000	00	0834	-29.5	52	303	02
26	1009	-37.7		000	00	0075	-35.3		000	00	0450	-28.3	62	293	03	0828	-26.1	63	247	06
27	1009	-34.3	51	000	00	0080	-31.1	54	000	00	0450	-28.6	58	100	02	0835	-29.1	61	114	01
28	1010	-36.1	59	000	00	0088	-32.3	53	331	01	0450	-30.8	58	307	03	0840	-27.7	56	287	02
MN	1009	-31.5	63			78	-30.0	61			444	-28.5	57			833	-28.9	60		

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	1305	-22.9	41	340	11	1754	-21.0	A18	343	07	2230	-23.0	A18	314	07	2733	-25.0	A19	294	09
02	1335	-22.7	46			1780	-23.5	38			2250	-24.7	39			2752	-26.5	44		
03	1346	-19.2	39	348	08	1798	-19.4	31	343	05	2280	-20.9	29	341	04	2784	-22.4	27	354	05
04	1306	-17.2	49	227	07	1761	-17.8	45	215	10	2250	-20.3	57	224	10	2749	-23.5	69	249	10
05	1280	-23.8	62	501	06	1724	-23.8	67	292	06	2200	-22.6	69	307	05	2702	-23.3	60	307	13
06	1256	-26.8	73	130	01	1694	-27.0	75	270	02	2160	-27.9	76	273	04	2652	-30.3	76	275	08
07	1261	-27.9	66	343	07	1698	-27.9	65	355	07	2160	-29.0	53	347	09	2652	-31.1	61	343	09
08	1277	-27.8	50			1715	-25.9	A19			2195	-27.6	A19			2674	-30.3	A20		
09	1304	-22.5	62			1752	-21.9	42			2220	-24.3	32			2724	-28.0	35		
10	1283	-20.0	59			1732	-21.0	49			2210	-19.3	34			2720	-22.6	40		
11	1256	-22.8	68	279	06	1713	-21.3	67	295	05	2190	-22.0	70	289	07	2683	-24.4	71	293	09
12	1277	-23.2	75	320	04	1709	-23.6	65	320	06	2195	-22.8	A18	327	10	2697	-24.8	A18	325	12
13	1195	-32.2	77	019	03	1624	-30.2	79	242	03	2100	-30.7	79	252	08	2576	-27.8	81	252	13
14	1190	-34.9	59	310	04	1613	-35.4	61	288	04	2060	-35.8	63	292	05	2541	-36.1	52	297	06
15	1194		252	04	1615	-37.0	64	253	05	2055	-37.2	68	274	05	2537	-39.0	69	268	05	
16	1171	-36.1	60	032	03	1592	-37.2	60	110	01	2035	-38.5	61	186	02	2510	-39.8	61	181	02
17	1201	-37.5	54	202	05	1619	-38.7	56	175	03	2070	-40.1	1	147	03	2530	-41.7	1	145	04
18	1217	-37.6	69	015	10	1635	-38.1	71	030	07	2085	-39.6	73	055	04	2548	-40.6	6	076	05
19	1171	-39.4	52	160	02	1593	-37.0	63	078	01	2040	-37.6	66	092	03	2513	-38.3	65	120	05
20	1182	-39.4	52	162	03	1607	-34.8	52	149	05	2060	-36.6	52	152	06	2532	-38.5	51	187	08
21	1222	-31.7	41	152	08	1651	-32.8	45	145	11	2100	-35.5	46	128	12	2580	-39.0	46	118	12
22	1176	-34.1	64	321	06	1602	-34.4	66	294	05	2050	-35.7	67	296	03	2530	-37.1	68	332	02
23	1168	-33.1	55	252	04	1594	-34.4	52	226	05	2050	-35.6	48	211	04	2523	-37.0	44	194	04
24	1216	-31.3	46	288	02	1646	-31.8	44	227	02	2100	-32.8	42	230	04	2586	-33.9	39	239	04
25	1244	-27.7	54	315	05	1681	-27.6	56	311	06	2140	-28.5	55	312	07	2637	-30.8	50	294	07
26	1242	-25.2	62	231	06	1682	-26.9	62	226	06	2150	-28.9	63	221	08	2637	-31.0	63	210	10
27	1243	-29.4	65	222	06	1676	-30.0	67	246	03	2140	-30.7	68	250	05	2624	-31.3	71	241	07
28	1252	-26.0	56	278	03	1693	-26.1	64	283	06	2160	-28.0	68	269	09	2652	-29.8	54	261	12
MN	1242	-28.3	58	301	03	1677	-28.8	55			2141	-29.9	53			2628	-31.6	51	267	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.				
01	1016	-26.0	68	315	01	0130	-24.0	60	321	02	0500	-21.7	45	335	05	0906	-21.6	38	340	07
02	1020	-27.1	50	315	01	0159	-22.6	62	320	05	0530	-24.4	49	333	10	0930	-23.2	42	340	10
03	1012	-27.6	65	315	01	0104	-21.7	65	292	01	0490	-15.1	50	000	00	0898	-15.0	44	000	00
04	1007	-18.4	68	000	00	0066	-17.4	61	000	00	0450	-18.0	56	140	04	0854	-16.8	59	217	10
05	1011	-27.1	77	315	01	0094	-23.0	64	360	02	0460	-22.6	74	191	03	0867	-23.6	77	216	03
06	1011	-28.0	71	225	03	0093	-28.0	70	240	04	0470	-22.8	65	327	06	0847	-31.2	70	316	09
07	1012	-27.8	65	315	03	0101	-25.6	64	318	04	0470	-25.9	68	328	07	0863	-28.0	74	324	07
08	1014	-27.3	56	315	02	0115	-25.9	51	320	05	0485	-22.7								

CLYDE, N.W.T.

FEBRUARY 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., Wind for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data rows 01-28 and MN.

Table with columns for Altitude, Temp., R.H., Wind for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data rows 01-28 and MN.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude, Temp., R.H., Wind for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data rows 01-28 and MN.

Table with columns for Altitude, Temp., R.H., Wind for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data rows 01-28 and MN.

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.

DT	50 MBS				30 MBS				20 MBS				10 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	19430	-69.6														
02	19443															
03	19478															
04	19487															
05	19566	-67.5														
06																
07	19508	-65.4			22579											
08	19620	-62.7														
09	19814	-61.5			22978	-62.4										
10	20022	-58.6			23214	-60.5										
11	19908	-56.0			23172	-54.7										
12	19759	-54.0			23020	-55.2										
13	19468	-59.2														
14	19397	-59.9			22617											
15																
16	19461															
17	19562	-51.2	326	21	22915	-47.7		325	30							
18	19681	-48.7	322	22												
19	19506	-54.2	302	31	22787											
20	19452	-59.0	307	27	22670											
21	19383	-62.2	313	26												
22	19364	-63.6	324	29												
23	19299															
24	19299	-67.9	303	19	22406											
25	19354	-67.1														
26																
27	19387															
28	19559	-56.0			22821											
MN	19528	-60.2			22834	-56.1										

00 GMT. SPECIAL AEROLOGICAL DATA

DT	SURFACE				FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX WIND LEVEL								
	SYNOPTIC DATA				Lowest		Highest																		
	h	u	v	pppp	h	u	h	u	h	u	h	u	h	u	h	u	h	u	Velocity						
01	20940	01	2	01	0					2	09.45	256	-61.3	312	0				1	07.89	329	297	17		
02	00900	02	2	03	0					1	08.80	285	-61.0	304	0				1	00.89	903	007	07		
03	00900	02	7	12	0					1	08.98	279	-64.2	301	0				1	18.70	057	276	15		
04	20940	02	7	06	0					2	09.40	261	-66.3	303	1	11.90	174	-62.6	347	1	08.00	328	309	22	
05	10940	01	2	16	0					1	09.00	276	-59.6	308	0				2	02.72	698	306	13		
06	60940	71	7	03	0					2	06.42	400	-54.7	284	0				8	16.80	077	291	30		
07	00900	02	7	01	0					2	07.39	347	-57.3	292	0				1	05.80	442	004	18		
08	20940	02	4	09	0					2	08.00	317	-59.1	298	0				0						
09	00900	01	2	02	0					2	08.07	318	-58.2	298	2	16.21	089	-57.9	430	0					
10	00900	02	7	05	0					1	08.49	300	-58.0	304	0										
11	00900	01	2	08	0					2	08.34	303	-54.0	308	1	18.14	066	-57.6	468	1	04.26	358	318	15	
12	00900	02	7	01	0					1	09.03	272	-61.7	307	0					1	04.60	536	327	25	
13	80922	71	7	03	0					1	09.12	263	-63.3	307	0					1	06.00	428	267	30	
14	10970	01	4	00	0					1	06.90	362	-56.7	289	0				8	13.60	126	276	19		
15	20870	01	2	02	0					2	06.23	400	-55.5	283	1	11.40	178	-56.1	355	1	17.30	071	287	21	
16	00900	02	7	09	0					2	04.96	485	-51.1	273	0				1	18.90	054	302	23		
17	00900	01	2	11	0					2	04.95	486	-51.0	273	0				1	23.49	028	328	32		
18	20940	01	7	04	0					1	07.43	334	-54.7	299	0				1	21.30	039	312	29		
19	00900	01	7	02	0					2	06.91	361	-53.9	293	0				9	20.55	042	298	34		
20	00900	01	2	04	0					1	07.04	355	-54.5	294	0				1	21.49	036	294	38		
21	10940	02	2	06	0					2	05.56	446	-53.1	277	0				9	19.30	051	313	26		
22	30940	76	7	16	0					2	06.48	414	-54.9	281	0				1	18.70	058	330	21		
23	10940	02	2	07	0					2	07.50	330	-56.0	298	0				1	20.65	041	321	32		
24	00900	02	2	11	0					2	07.32	343	-57.5	293	0				1	18.51	057	300	21		
25	10940	02	2	01	0					2	07.15	358	-56.9	290	0				1	19.16	052	285	27		
26	10940	02	7	04	0					1	07.51	338	-58.7	293	0				6	05.67	450	204	27		
27	20940	03	2	05	0					2	07.46	343	-56.0	295	2	12.76	148	-62.0	364	1	10.94	198	234	20	
28	10940	02	1	02	0					1	08.61	286	-61.1	303	2	12.61	152	-58.6	368	1	08.33	299	253	22	
MEAN											07.57	340	-57.5	295		13.84	135	-59.2	389						

CONSTANT PRESSURE DATA 12 GMT.

DT	50 MBS				30 MBS				20 MBS				10 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	19381															
02	19529	-69.2														
03	19539	-71.8		282	12	22520										
04	19518	-70.0														
05	19540	-64.8														
06	19512	-65.3			22586											
07	19601	-66.1														
08																
09	19913	-59.1			23109											
10	19949	-58.3			23155	-58.0										
11																
12	19691	-56.6			22951	-53.2										
13	19476	-59.2			22702	-55.1										
14	19454	-55.5			22723	-51.8										
15	19469	-55.1		299	30	22769	-49.3		298	30						
16	19537															
17	19631	-49.6		317	21	22998	-49.0		313	29						
18																
19																
20	19431	-60.3		315	27	22630										
21																
22	19313	-65.6		311	20	22423	-66.4		316	34						
23	19289	-67.7		303	19	22354	-68.3		300	30						
24																
25	19308	-68.5			22363	-69.2										
26	19368	-66.7			22450											
27	19478	-65.2			22605	-62.8										
28	19890	-50.5			23215											
MN	19537	-62.3			22722	-58.3										

12 GMT. SPECIAL AEROLOGICAL DATA

DT	SURFACE				FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX WIND LEVEL						
	SYNOPTIC DATA				Lowest		Highest																
	h	u	v	pppp	h	u	h	u	h	u	h	u	h	u	h	u	h	u	Velocity				
01	00900	02	2	05	0					1	09.59	251	-63.9	311	0				1	03.50	630	341	18
02	00900	02	2	05	0					1	09.37	262	-62.5	309	0				1	03.74	614	019	14
03	00900	02	7	14	0																		

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include Altitude, Temp., R.H., Wind for each level. Includes a summary row at the bottom.

Table with columns for 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include Altitude, Temp., R.H., Wind for each level. Includes a summary row at the bottom.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include Altitude, Temp., R.H., Wind for each level. Includes a summary row at the bottom.

Table with columns for 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include Altitude, Temp., R.H., Wind for each level. Includes a summary row at the bottom.

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

MARCH 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	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	
01	3643	-37.7	38	211 11	4884	-44.2	200	13	6358	-49.9	199	15	8230	-50.9	213	07	
02	3576	-39.9	41	311 05	4805	-46.0	345	04	6271	-50.7	325	05	8148	-49.3	337	04	
03	3587	-40.1	31	314 06	4817	-45.4	320	05	6292	-49.5	358	07	8165	-49.0	394	06	
04	3597	-41.9	03	030 06	4818	-46.8	050	09	6283	-51.3	045	11	8150	-50.5	004	05	
05	3696	-37.3	61	150 07	4946	-42.0	014	08	6428	-50.7	350	07	8285	-52.8	342	09	
06	3703	-34.4	69	132 04	4959	-41.9	242	06	6439	-50.2	256	06	8310	-50.9	272	06	
07	3672	-42.0	235	08	4898	-44.4	207	06	6384	-46.9	205	05	8284	-48.5	270	05	
08	3617	-41.1	002	06	4841	-45.6	352	09	6327	-46.1	350	07	8238	-48.9	299	05	
09	3716	-37.4	48	489	4857	-46.1	639	50	6359	-50.0	8258	-45.5					
10	3716	-37.4	48	489	4857	-46.1	639	50	6359	-50.0	8258	-45.5					
11	3715	-41.6	254	09	4933	-47.5	262	12	6395	-51.6	260	18	8267	-47.6	261	21	
12	3693	-43.0	315	09	4905	-49.5	283	11	6350	-54.4	299	14	8209	-49.1			
13	3683	-43.8	279	04	4891	-50.0	251	08	6328	-55.0	249	11	8188	-50.0	251	13	
14	3685	-43.8	293	02	4891	-50.8	295	02	6332	-53.7	280	05	8201	-48.9	267	08	
15	3666	-45.0	282	06	4874	-48.8	277	06	6328	-51.5	268	07	8203	-47.8	268	08	
16	3681	-43.2	194	08	4893	-49.2	202	11	6339	-52.3	210	12	8208	-48.3	222	11	
17	3756	-32.0	72	186 23	5023	-39.7	67	188	35	6528	-45.9	8405	-53.5				
18	3666	-33.8	A21	180 16	4938	-37.4	A22	168	21	6438	-42.4	180	23	8396	-43.0	206	21
19	3693	-28.8	70	188 18	4981	-36.2	A22	178	22	6491	-47.8	191	23	8390	-46.8		
20	3669	-34.0	A21	153 21	4939	-38.7	A22	158	29	6458	-41.3	147	11	8414	-39.8		
21	3608	-41.4	154	07	4844	-42.0	146	10	6356	-40.3	147	11	8338	-45.6	A21	151 11	
22	3610	-43.6	102	02	4828	-45.7	066	06	6321	-43.0	060	04	8287	-37.5	060	02	
23	3723	-33.8	8	4948	4838	-43.8											
24	3834	-30.8	76	330 12	5113	-37.1	68	331	10	6621	-48.0	334	11	8497	-49.4	332	09
25	3818	-33.2	77	347 05	5000	-40.3	343	02	6573	-49.1	337	04	8448	-48.7	330	04	
26	3850	-32.8	75	310 08	5116	-39.1	68	308	07	6618	-47.8	304	08	8490	-49.8	295	06
27	3843	-33.5	31	215 06	5097	-42.2	214	09	6581	-47.9	222	09	8473	-47.1	237	05	
28	3840	-35.5	31	033 04	5092	-41.5	056	06	6587	-47.1	031	05	8491	-45.9	281	04	
29	3828	-33.6	40	324 04	5090	-40.1	293	05	6582	-49.5	288	07	8460	-47.0	270	10	
30	3834	-35.3	37	256 10	5085	-42.0	236	12	6573	-49.1	246	13	8459	-47.1	245	17	
31	3911	-32.7	40	246 12	5173	-40.8	242	15	6663	-48.4	244	17	8537	-50.0			
MN	3712	-38.0	50	*	4953	-43.5	53	*212	05	6435	-48.7	249	05	8325	-47.2	21	*261 06

Day	200 MBS				150 MBS				100 MBS				70 MBS				
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	
01	10881	-50.1	274	07	12749	-52.2	303	06	15386	-49.9	336	13	17727	-49.9	327	16	
02	10828	-45.9	321	05	12745	-45.3	340	09	15438	-48.0	328	10	17792	-48.0	326	18	
03	10870	-44.1	301	06	12800	-44.2	310	11	15519	-44.4	297	15	17909	-44.1	319	19	
04	10821	-47.0	299	06	12732	-45.1	288	11	15465	-41.0	298	20	17891	-41.0	303	18	
05	10949	-46.7	315	07	12870	-43.0	289	08	15621	-40.8	295	08					
06	10984	-45.3	291	04	12914	-43.5	284	07	15648	-43.2	278	12	18048	-42.7	290	13	
07	10998	-43.2	259	09	12927	-44.0	271	16	15656	-42.9	281	13	18066	-42.7	292	15	
08	10984	-42.8	259	10	12906	-41.5	264	13	15656	-43.0	285	10	18066	-43.1	290	10	
09	10971	-42.5			12926	-40.9			15686	-41.5			18103	-41.0			
10	10984	-41.7			12935	-39.9			15684	-41.6			18106	-41.5			
11	10980	-42.6			12931	-40.7			15693	-40.2			18125	-41.4			
12	10907	-44.4			12847	-40.7			15611	-39.9			18050	-40.0			
13	10876	-45.4			12810	-41.4	252	16	15584	-38.4	253	17	18025	-42.6			
14	10902	-43.3	273	09	12847	-41.2	276	12	15619	-38.9	268	15	18054	-41.5	274	14	
15	10906	-45.0	262	11	12835	-42.1	263	14	15606	-39.3	271	14	18046	-41.0	275	13	
16	10902	-45.9	262	15	12826	-43.0	238	17	15583	-40.0			18015	-41.0			
17	11056	-47.1	1		12970	-43.5			15715	-41.3			18145	-40.0			
18	11124	-41.6	223	18	13074	-42.5	238	19	15627	-40.5			18259	-42.1			
19	11146	-38.7			13128	-39.2			15904	-40.6			18311	-43.2			
20	11199	-37.1			13186	-39.4			15965	-40.3			18382	-43.2			
21	11097	-35.7	A21	168 10	13176	-36.3	A21	194 07	15976	-40.3	192	06	18368	-43.4	173	03	
22	11097	-35.7	A21	168 10	13176	-36.3	A21	194 07	15976	-40.3	208	03	18282	-44.4	150	02	
23	11154	-38.0			13138	-38.0			15911	-41.0			18321	-44.0			
24	11215	-42.4	325	06	13166	-41.4	309	05	15910	-43.0	314	03	18306	-44.6	342	03	
25	11155	-42.7	276	04	13096	-42.3	240	04	15844	-42.7	254	04	18238	-44.9	326	05	
26	11183	-44.5	271	03	13121	-42.0	236	02	15873	-42.1	218	02	18277	-44.2	320	02	
27	11191	-43.6	260	04	13134	-41.6	284	03	15889	-41.8	270	02	18291	-45.0	311	02	
28	11221	-41.8	299	09	13171	-41.7	294	06	15919	-41.9	302	05	18319	-45.0	312	03	
29	11190	-41.8	270	13	13143	-41.5	271	09	15890	-42.3	274	07	18298	-43.6	321	02	
30	11172	-43.1	254	16	13117	-41.9			15864	-42.3			18268	-43.9			
31	11221	-45.1			13151	-43.2			15886	-43.2			18281	-44.7			
MN	11039	-43.0	21	*260	07	12983	-41.9	21	*268	08	15792	-41.9	*		18145	-43.3	*

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	3569	-39.6	36	139 04	4803	-44.4	170	09	6280	-50.1	164	08	8160	-49.1	193	04
02	3585	-39.0	36	298 07	4821	-44.9	314	05	6292	-50.6	340	06	8166	-49.5	344	06
03	3578	-41.0	01	025 03	4804	-44.7	019	04	6280	-49.9	031	06	8157	-49.3	328	04
04	3650	-37.9	51	028 09	4898	-44.7	056	13	6375	-51.7	037	10	8224	-52.3	023	09
05	3717	-34.7	67	315 02	4968	-42.4	318	08	6446	-52.0	325	04	8303	-51.9	302	04
06	3673	-37.2	68	222 04	4922	-42.2	205	09	6408	-48.3	195	07	8301	-48.1	240	06
07	3650	-41.5	337	01	4877	-44.9	018	02	6365	-45.8	031	02	8275	-45.6	312	03
08	3614	-41.6			4833	-47.0			6311	-45.5			8226	-45.0		
09	3686	-39.4	66	356 17	4922	-44.2			6398	-50.3			8274	-47.1		
10	3686	-41.0	269	14	4915	-45.2	265	21	6384	-51.5	262	11	8233	-47.2	265	15
11	3695	-43.1	291	05	4905	-49.8	281	08	6351	-52.1	264	12	8227	-49.7	265	16
12	3707															

APRIL 1961

STATION INSTRUMENTATION

USWS 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	1029	-29	7	61 000 00	0218	-28	2	66 123 01	0590	-28	6	69 138 06	0976	-25	0	63 158 08
02	1019	-22	6	80 135 06	0156	-22	6	77 140 07	0525	-22	0	69 142 12	0935	-16	2	75 153 17
03	1012	-26	1	73 180 01	0105	-23	9	70 171 01	0500	-12	6	68 142 02	0903	-14	2	67 110 02
04	1010	-18	4	70 000 00	0090	-12	1	60 000 00	0475	-13	3	61 010 02	0892	-15	7	63 195 02
05	1022	-25	6	69 000 00	0176	-22	8	66 002 02	0545	-22	3	69 277 02	0990	-23	5	73 235 03
06	1029	-29	1	75 000 00	0221	-22	4	62 000 00	0600	-20	7	55 000 00	0997	-22	0	52 294 02
07	1026	-26	1	58 000 00	0203	-19	5	59 158 03	0595	-14	7	37 149 07	1001	-11	5	45 137 03
08	1010	-17	2	72 045 01	0094	-17	5	65 070 02	0470	-16	0	55 183 05	0888	-14	7	48 260 08
09	1019	-21	3	78 000 00	0157	-15	8	70 102 02	0350	-15	2	66 100 03	0953	-14	7	48 260 08
10	1029	-17	3	60 045 02	0230	-14	2	53 002 02	0610	-12	1	46 035 01	1033	-13	0	49 058 02
11	1027	-17	2	65 360 02	0217	-17	0	48 355 03	0600	-15	3	32 007 04	1012	-14	0	50 051 05
12	1023	-16	7	50 090 01	0189	-15	6	47 040 03	0580	-11	3	50 004 03	0994	-10	7	58 058 04
13	1015	-21	1	65 180 02	0125	-17	9	61 200 02	0520	-04	6	35 232 05	0947	-06	8	28 209 04
14	1027	-18	1	70 360 01	0213	-14	4	68 333 04	0600	-14	9	70 316 05	1008	-17	7	74 301 06
15	1030	-16	8	64 000 00	0242	-13	6	49 306 06	0630	-14	0	43 273 08	1042	-13	0	38 329 13
16	1027	-13	9	68 000 00	0221	-08	4	57 000 00	0610	-09	0	47 320 03	1040	-05	8	59 305 10
17	1032	-15	9	79 000 00	0255	-12	0	70 000 00	0640	-13	2	70 190 01	1061	-10	1	69 303 03
18	1027	-16	3	67 000 00	0216	-12	4	75 162 02	0615	-08	2	64 260 02	1033	-07	9	54 324 03
19	1028	-14	4	77 000 00	0227	-10	5	70 153 03	0625	-08	4	38 140 08	1045	-07	1	48 338 07
20	1025	-13	7	68 315 01	0202	-12	5	47 328 03	0595	-10	5	A16 344 05	1012	-09	4	A15 356 05
21	1016	-08	5	60 315 15	0138	-07	5	52 315 15	0540	-08	2	45 000 00	0955	-09	9	60 000 00
22	1018	-09	3	75 000 00	0140	-05	5	58 251 01	0535	-06	6	45 901 03	0965	-06	5	50 298 08
23	1018	-18	0	65 315 01	0157	-14	9	62 247 03	0595	-12	1	69 147 05	0954	-10	1	39 110 04
24	1011	-17	2	77 000 00	0091	-13	8	67 000 00	0455	-03	5	48 303 01	0919	-02	8	37 313 04
25	1014	-13	1	82 090 01	0123	-13	0	62 050 02	0510	-09	6	48 304 06	0934	-08	3	72 008 08
26	1016	-11	7	82 315 05	0141	-11	0	60 323 06	0535	-09	6	64 360 08	0956	-05	8	48 053 09
27	1020	-10	7	77 315 01	0166	-10	6	74 323 04	0570	-09	6	69 342 08	0981	-06	7	73 033 04
28	1024	-09	4	73 315 02	0198	-09	3	68 317 04	0600	-06	2	48 340 04	1021	-03	6	47 043 03
29	1022	-06	7	72 360 02	0183	-06	0	63 345 04	0595	-04	2	53 326 06	1014	-03	2	53 316 03
30	1019	-07	2	72 270 01	0163	-06	4	63 293 03	0570	-06	7	56 314 05	0985	-07	6	53 316 06
MN	1021	-16	9	70 *	175	-14	4	64 *	566	-12	2	55 *	980	-11	2	54 *

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	1400	-16	3	75 163 05	1856	-18	1	80 190 04	2330	-20	9	81 208 06	2842	-24	8	84 217 08	
02	1370	-13	1	79 164 17	1832	-14	0	82 170 23	2320	-14	0	83 175 26	2846	-14	1	85 181 24	
03	1335	-15	8	65 189 04	1793	-16	0	69 212 06	2285	-14	0	68 214 09	2801	-17	0	65 205 10	
04	1321	-18	0	65 228 08	1773	-19	0	68 225 13	2255	-20	4	72 223 16	2764	-18	2	34 208 21	
05	1369	-23	1	65 264 05	1813	-24	7	54 276 08	2290	-26	5	45 277 11	2778	-28	9	42 269 12	
06	1416	-23	2	49 310 05	1859	-24	7	47 292 05	2320	-26	6	50 294 09	2824	-27	1	32 294 10	
07	1439	-12	5	55 156 01	1901	-14	7	55 206 04	2390	-17	5	55 226 06	2900	-20	9	55 231 08	
08	1324	-12	8	60 191 08	1786	-14	9	64 190 09	2275	-17	1	68 180 12	2789	-17	7	68 188 13	
09	1385	-15	3	29 250 05	1842	-17	4	27 245 06	2320	-19	4	25 255 08	2833	-22	3	30 255 12	
10	1469	-11	8	51 030 03	1935	-12	2	51 038 05	2415	-15	0	51 026 04	2944	-19	0	50 020 03	
11	1466	-13	8	54 079 07	1908	-13	8	46 098 08	2400	-17	5	49 111 08	2907	-21	4	52 115 09	
12	1434	-10	9	58 068 04	1898	-13	8	52 105 04	2390	-16	9	46 086 03	2900	-20	2	40 014 02	
13	1391	-09	5	25 197 05	1858	-12	2	A16 207 07	2350	-15	0	A16 194 07	2867	-18	4	A17 180 07	
14	1433	-19	7	22 299 06	1885	-18	5	35 298 07	2360	-19	1	A17 286 07	2877	-21	2	A18 280 06	
15	1477	-13	6	25 320 11	1939	-14	4	36 2420	-16	0	37 2944	-18	3	35 2984	-18	3	35
16	1487	-07	3	63 320 11	1957	-10	9	70 323 12	2455	-12	0	48 324 17	2978	-12	5	A16 320 23	
17	1502	-11	0	71 313 12	1970	-10	2	44 322 11	2465	-12	7	28 313 14	2989	-14	9	59 312 17	
18	1475	-09	4	48 328 03	1942	-12	0	42 070 01	2430	-13	3	38 075 01	2953	-18	3	52 060 02	
19	1490	-07	9	57 130 07	1960	-10	4	53 118 08	2490	-13	0	49 109 07	2977	-15	9	37 118 08	
20	1453	-10	2	27 031 04	1921	-10	6	35 055 05	2415	-11	5	40 041 06	2943	-13	8	35 024 07	
21	1397	-09	1	28 298 10	1867	-09	9	A15 2370	-12	6	A16 2886	-14	9	27 2901	-12	2	48 309 14
22	1410	-08	9	50 298 10	1879	-10	8	50 307 11	2360	-11	7	35 331 08	2898	-12	5	46 331 09	
23	1397	-08	1	A15 340 05	1868	-09	7	A15 334 07	2360	-10	8	35 331 08	2898	-12	5	26 331 09	
24	1371	-04	3	29 329 05	1848	-05	9	33 338 06	2365	-08	1	68 330 08	2886	-10	5	73 330 11	
25	1377	-08	9	49 043 10	1850	-05	8	A15 069 09	2360	-05	9	A15 084 09	2893	-09	1	A15 097 09	
26	1405	-04	6	58 083 10	1882	-06	7	63 090 10	2390	-09	6	68 094 13	2913	-12	7	60 098 13	
27	1428	-04	9	44 106 03	1905	-06	3	45 121 03	2410	-09	6	46 140 04	2939	-11	9	44 140 04	
28	1473	-03	7	30 059 03	1951	-06	1	51 094 02	2445	-08	9	60 092 02	2985	-11	8	68 105 03	
29	1465	-04	7	53 332 02	1942	-06	6	38 340 03	2460	-09	8	60 350 04	2972	-13	0	68 356 05	
30	1430	-06	7	48 334 06	1904	-07	5	28 338 06	2405	-09	4	38 327 07	2936	-11	6	63 339 07	
MN	1419	-11	3	50 324 01	1884	-12	6	46 *	2376	-14	5	48 *	2895	-16	9	47 254 02	

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	1027	-25	9	58 000 00	0206	-26	7	57 139 05	0580	-26	2	55 148 07	0971	-19	6	61 157 09
02	1013	-22	1	77 315 03	0109	-22	6	75 275 03	0490	-22	1	74 158 03	0893	-10	6	82 182 05
03	1011	-25	6	73 000 00	0093	-20	0	68 277 01	0480	-13	9	67 220 03	0891	-15	7	66 198 04
04	1017	-22	8	80 315 01	0139	-19	8	72 268 02	0510	-20	0	73 185 04	0919	-22	7	71 220 05
05	1025	-29	2	62 000 00	0196	-21	6	58 183 01	0570	-22	4	50 238 03	0972	-21	7	44 295 03
06	1030	-28	7	57 000 00	0231	-20	5	55 155 04	0610	-18	8	45 166 06	1016	-16	9	34 197 04
07	1018	-19	4	71 360 06	0149	-20	4	66 280 07	0535	-21	9	58 170 14	0939	-09	8	A15 -
08	1011	-17														

APRIL 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 (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	3951	-30	7	84	219	11	5226	-37	0	54	236	20	6738	-47	5	8619	-49	7		
02	4001	-21	6	83	186	23	5319	-31	2	80	194	20	6866	-41	0	200	29	8761	-55	7	
03	3943	-23	7	59	204	10	5252	-32	6	52	203	17	6789	-43	2	219	09	8684	-49	2	
04	3906	-23	6	35			5218	-30	8	A20			6770	-41	2			8672	-49	8	
05	3868	-34	2	37	265	14	5127	-40	4		260	23	6632	-45	2			8554	-43	9	
06	3925	-31	6	A20	292	17	5194	-40	0	A22			6686	-48	6			8578	-47	0	
07	4022	-27	8	30	248	09	5318	-33	9	57	253	16	6847	-44	3	260	24	8733	-53	6	
08	3930	-23	8	64	203	15	5241	-32	0	59	206	20	6782	-42	4			8668	-56	4	
09	3953	-27	7	A19	242	11	5246	-35	0	A21	236	13	6763	-47	0	231	12	8647	-48	0	
10	4074	-27	1	36	074	05	5359	-37	9	32	108	05	6883	-47	8	218	07	8732	-52	1	
11	4024	-30	1	46	126	10	5296	-38	7	66	148	05	6801	-48	0	187	08	8669	-52	0	
12	4022	-29	1	46	294	03	5296	-39	7	53	262	03	6796	-48	8	238	05	8662	-51	7	
13	3998	-27	2	A19	243	05	5292	-34	3	A21	255	05	6714	-46	9	260	06	8682	-51	8	
14	4001	-27	9	A19	300	08	5289	-36	4	A21	308	09	6801	-46	9	303	09	8683	-51	7	
15	4082	-22	9	A27			5402	-30	0	55			6966	-37	1	59		8894	-51	7	
16	4141	-19	2	18			5472	-28	7	A19			7032	-40	4			8934	-54	7	
17	4142	-21	0	41			5464	-29	0	56			7022	-39	9	59		8930	-53	6	
18	4084	-26	4	70	073	02	5379	-35	0	74	034	06	6906	-43	2	037	11	8795	-54	0	
19	4125	-22	3	A18	133	11	5442	-31	0	A20	130	13	6986	-42	8	129	03	8878	-53	7	
20	4096	-21	0	A18	025	04	5416	-31	4	A20	337	01	6953	-44	6	057	07	8814	-59	0	
21	4035	-23	0	44			5347	-30	9	50			6910	-38	4	A22		8628	-51	8	
22	4057	-20	7	35	312	16	5384	-29	0	A19	322	16	6946	-39	4	A22		8646	-50	7	
23	4057	-18	0	A17	318	10	5402	-25	0	A19	322	16	6997	-33	1	57	324	27	8962	-46	5
24	4066	-13	9	78	337	12	5400	-21	5	70	345	14	7047	-30	8	48	349	14	9030	-45	3
25	4070	-16	4	A17	083	10	5418	-25	4	A19	045	14	7020	-32	0	A20	041	19	8988	-46	9
26	4074	-19	5	42	115	18	5406	-28	3	A19	112	17	6963	-41	4	119	19	8860	-51	7	
27	4104	-18	5	46	148	07	5443	-26	4	35	137	08	7016	-36	3	A22	136	11	8930	-53	6
28	4150	-19	1	78	120	02	5480	-25	3	80	070	02	7040	-39	9	A22	070	04	8947	-53	0
29	4130	-21	0	77	003	06	5457	-28	0	38	019	07	7025	-39	0	A22	032	08	8940	-53	0
30	4101	-19	1	72	359	08	5432	-28	6	63	010	11	6992	-40	4	010	17	8888	-54	8	

MN 4038 -23 6 43 * 5348 -32 0 42 * 234 03 6892 -41 9 35 * 301 02 8794 -51 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	3984	-24	6	55	224	15	5292	-32	3	60	228	21	6829	-43	2			8708	-55	6
02	3954	-22	5	78	171	24	5266	-32	4	73	176	25	6800	-44	3			8687	-49	6	
03	3931	-23	6	34	215	10	5243	-31	7	52	229	11	6789	-41	8	261	15	8683	-50	0	
04	3841	-34	7	A21	237	17	5119	-35	6	A21	232	29	6650	-41	4			8576	-45	0	
05	3910	-31	9	29	263	14	5177	-38	8	A22	260	20	6689	-45	7			8592	-46	1	
06	4025	-27	7	61	288	20	5313	-35	0	48	274	25	6831	-46	5			8698	-52	5	
07	3979	-25	1	73	221	09	5289	-32	2	60	240	18	6827	-42	3	240	18	8713	-56	1	
08	3892	-27	2	A19	222	17	5183	-35	7	A21	212	26	6704	-44	3			8609	-47	5	
09	4032	-27	2	29	287	05	5315	-38	2	31	296	10	6819	-47	6	230	10	8683	-50	6	
10	4064	-27	4	36	123	11	5349	-37	8	39	126	13	6859	-46	1	169	12	8375	-51	0	
11	4043	-28	5	48	136	03	5323	-38	5	58	161	04	6828	-48	3	180	04	8703	-51	2	
12	4009	-28	4	36	266	05	5292	-37	0	A22	020	01	6804	-46	3	062	08	8680	-52	1	
13	3983	-27	3	69	194	09	5271	-36	7	63	184	13	6778	-48	8	183	13	8636	-53	6	
14	4030	-27	1	A19			5321	-35	1	35			6847	-43	7			8731	-53	1	
15	4112	-20	1	41			5462	-27	9	37			7021	-35	8	55		8957	-51	0	
16	4137	-20	4	35			5462	-29	7	52			7016	-40	7			8919	-54	0	
17	4126	-23	5	30	280	11	5432	-33	1	64	255	14	6965	-43	8	266	13	8951	-54	6	
18	4117	-23	2	41	118	06	5432	-30	8	A20	123	07	6978	-42	1	328	01	8875	-52	9	
19	4115	-21	6	A18	111	09	5433	-31	6	A22	110	08	6972	-42	8	096	08	8851	-54	8	
20	4040	-23	1	35			5371	-31	9	48			6913	-42	8			8810	-54	7	
21	4046	-20	9	48			5369	-30	0	49			6921	-40	6			8830	-52	9	
22	4051	-18	6	A17			5367	-27	4	A19			6959	-38	0	A22		8891	-48	5	
23	4063	-16	3	66	321	10	5423	-21	4	69	323	19	7035	-31	8	40	326	22	9020	-43	5
24	4081	-13	2	62	357	13	5450	-20	5	59	022	09	7066	-31	3	50	023	09	9046	-45	0
25	4080	-18	8	30	098	16	5414	-27	6	A19	102	12	6978	-40	4	090	14	8915	-46	5	
26	4084	-20	0	48	139	12	5414	-28	3	A19	150	17	6974	-41	0	150	19	8881	-51	2	
27	4122	-18	8	A17	137	05	5457	-27	9	A19	103	05	7022	-39	9	56	073	04	8911	-53	3
28	4131	-21	2	77	301	02	5484	-29	0	33	066	01	7014	-40	3	063	04	8918	-53	4	
29	4100	-20	7	44	009	08	5432	-27	5	A19	077	11	6997	-38	8	31	003	11	8911	-53	5
30	4110	-18	0	64	335	09	5448	-27	4	65	351	09	7015	-39	6	67	002	12	8916	-54	8

MN 4040 -23 4 43 * 5352 -31 6 42 228 06 6897 -42 0 46 * 8799 -51 4 *

* Statistical Value for Relative Humidity

* Vector Mean Wind

* Entered under Wind Direction indicates a Stratum of Missing Wind 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	11304	-45	4		13228	-44	1		15994	-44	0		18340	-46	1		
02	11419	-45	2		13346	-43	9		16062	-45	5		18437	-47	9			
03	11398	-42	1	218	10	13338	-42	1	226	06	16071	-43	4	248	03	18450	-47	3
04	11386	-42	6		13332	-43	7		16066	-43	9		18448	-46	6			
05	11302	-39	4		13266	-41	0		15988	-46	5		18352	-47	9			
06	11316	-40	1		13279	-41	0		15988	-46	0		18336	-48	8			
07	11402	-43	9		13350	-42	0		16065	-47	8		18419	-48	1			
08	11330	-44	1		13270	-43	9		15997	-48	4		18500	-49	4			
09	11361	-42	0															

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	20564	-48.0			23932	-49.0										
02																
03	20670	-48.5		352 03	24018	-50.6		334 05								
04	20669	-49.0														
05	20563	-50.0			23884	-52.4										
06	20541	-50.6			23849											
07	20628	-49.9			23962											
08	20502	-50.2			23831	-50.6										
09	20542	-51.2			23850											
10	20604	-50.0		198 06	23951	-51.0										
11	20500	-51.0		141 07	23816											
12	20509	-49.5		129 07	23825											
13	20523	-49.6		147 06	23851	-51.2		105 05								
14	20558	-49.3		105 03	23895	-50.3		114 09								
15	20572	-51.1			23893	-51.2										
16	20580	-50.0														
17	20623	-48.8			23972											
18	20506	-50.9		012 02	23835	-51.8										
19	20631	-49.8		008 03	23967	-50.6		019 04								
20	20560	-51.0		028 03												
21	20628				24028											
22	20690	-49.3			23908	-52.0										
23	20587	-51.2														
24	20622	-50.8														
25	20587	-50.9														
26	20577															
27	20663	-50.1		089 05												
28	20711															
29	20707	-49.7		094 04												
30	20651	-49.2		112 05	24006	-49.9		010 02								
MN	20595	-50.0	*		23908	-50.9	*				*				*	

Day	SURFACE SYNOPSIS DATA						FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL		
	%C	E	C	W	W	O	Lowest		Highest		Alt. gpm.	Pres. mb.	Temp. °C	° A	Alt. gpm.	Pres. mb.	Temp. °C	° A	Alt. gpm.	Pres. mb.	Velocity deg. mps.
							Alt. gpm.	Pres. mb.	Alt. gpm.	Pres. mb.											
01	00909	01	8	08	0					1 07 81	339	-51.6	302.0					3 05 80	459	236	25
02	865--	71	7	24	0					2 08 89	294	-56.6	308.0					5 08 24	325	213	30
03	00901	01	2	05	0					2 07 94	337	-50.3	304.0					10 02 02	245	215	17
04	50930	01	2	03	0					1 08 34	316	-50.7	309.0					1 03 40	643	219	24
05	00900	02	2	14	0					2 06 63	400	-45.2	296.0					1 05 86	449	259	27
06	00900	02	2	14	0					2 06 69	400	-48.6	292.0					2 04 40	560	295	19
07	00901	02	7	01	0					2 08 33	319	-53.6	304.0					5 08 30	321	272	35
08	70820	01	7	19	0					1 09 00	285	-58.7	307.1	12 99	156	-45.1	388	1 06 43	421	203	25
09	00900	02	2	12	0					1 07 37	365	-51.5	296.0					5 08 37	313	225	16
10	00900	02	2	12	0					1 08 19	327	-53.7	302.1	15 18	114	-48.8	417	9 08 25	324	214	22
11	00908	01	3	01	0					2 07 47	362	-51.8	296.0					9 10 52	226	210	13
12	00900	01	7	11	0					1 07 93	336	-51.8	303.6	21 48	043	-52.5	542	1 22 90	035	114	11
13	00901	03	7	08	0					2 08 76	296	-57.3	306.0					9 16 65	090	155	10
14	10940	01	2	12	0					2 07 84	342	-51.0	302.0					9 06 20	437	299	11
15	00906	03	8	06	0					1 09 99	253	-60.0	316.0					1 01 15	888	329	14
16	10931	03	2	03	0					1 09 56	271	-58.2	312.0					1 03 16	684	319	24
17	00901	03	2	07	0					1 10 27	242	-61.0	318.0					1 03 45	658	305	19
18	00901	01	4	00	0					2 08 56	311	-53.6	307.0					9 10 69	224	311	14
19	00901	02	7	01	0					2 09 06	292	-52.3	312.0					9 05 60	489	128	14
20	00900	02	7	10	0					2 08 63	305	-58.6	300.0					9 08 80	301	051	10
21	00900	01	4	00	0					1 09 28	280	-53.5	316.1	12 56	170	-47.3	375	1 00 52	953	316	18
22	00901	02	2	04	0					2 08 79	303	-50.6	313.2	14 72	124	-48.5	408	1 04 10	596	312	16
23	00906	03	6	07	0					1 10 52	236	-56.4	327.0					1 07 22	387	324	29
24	00901	02	7	12	0					1 10 90	224	-60.1	327.0					1 08 15	341	345	18
25	10950	02	2	10	0					2 10 98	220	-60.3	328.0					1 10 10	252	025	23
26	10940	02	2	03	0					1 08 51	317	-52.9	306.2	13 23	154	-49.2	383	8 04 31	580	115	19
27	00900	01	2	08	0					1 09 42	278	-56.2	313.0					9 08 60	315	161	12
28	00901	01	4	00	0					1 08 72	310	-53.0	308.0					8 00 32	986	319	06
29	20910	03	7	05	0					1 09 59	271	-56.0	315.0					9 09 10	292	043	10
30	00909	03	2	02	0					2 08 77	306	-54.8	307.0					9 07 28	384	011	20
MEAN										08 76	305	-54.4	308					15 08 124	-48.5	419	

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	20650	-46.6			24024	-48.3										
02	20690	-48.0			24066											
03	20685	-48.6		004 05												
04	20583	-50.2			23913	-51.4										
05	20607	-49.6			23940	-49.8										
06	20680	-48.1			24037	-49.8										
07	20530															
08	20529	-50.7			23851	-51.2										
09	20621	-49.5		193 07												
10	20625	-48.5		132 07												
11	20550	-49.0		131 08	23882											
12	20585	-47.2		144 07	23951	-48.5		099 12								
13	20486	-48.7		113 04	23820	-50.1		101 09								
14	20510	-50.8			23840	-49.9										
15	20581	-48.2			24043	-48.1										
16	20563	-49.6			23911											
17	20578	-50.2		060 03	23921	-50.6		058 06								
18	20655	-49.3		043 03	24008	-49.8		031 04								
19	20625	-49.5		036 02	23963											
20	20589															
21	20686	-49.4			24037	-49.2										
22	20615	-50.8			23940	-52.0										
23	20663	-50.3						26574 -50.1								
24	20693	-48.8		041 05												
25	20639	-49.6														
26	20660	-48.2														
27																
28	20661	-49.4		093 05	23997	-49.5		092 07								
29	20672	-49.4		078 04												
30	20684															
MN	20620	-49.2	*		23952	-49.9										

MAY 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 SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include Altitude, Temp., R.H., Wind for each level. Includes station identifier MN and coordinates.

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

CONSTANT PRESSURE DATA 12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

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

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

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

CLYDE, N.W.T.
MAY 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 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.

12 GMT.

CONSTANT PRESSURE DATA

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

CLYDE, N.W.T.

MAY 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	20704	-46.8		058 03												
02	20616	-48.3														
03	20594	-48.3														
04	20541	-48.2		105 03	23913											
05	20517	-48.6		109 03												
06	20682	-46.5		159 03	24054	-49.2		071 04	26710	-46.7		131 04	31382	-38.6		
07	20715	-45.8		216 02	24102											
08	20635	-47.3		153 01												
09	20688	-46.4		147 04	24079											
10	20713	-45.7		177 04												
11	20737	-45.4		170 06	24139											
12	20763	-46.5		194 08												
13	20795	-45.1		159 07												
14	20808	-45.0		146 08	24207											
15																
16	20811															
17	20842	-43.5		231 03	24254											
18	20905	-45.0														
19	20905															
20	20920	-45.7		109 04												
21																
22	20874	-47.1			24248	-48.2										
23	20915															
24	20890	-45.9		051 04	24291	-46.4		092 07								
25	20881	-46.2			24290											
26	20912	-44.4		108 03	24338											
27	20883	-43.3		136 03												
28	20902	-43.2		178 02	24336											
29	20990	-43.7		290 02												
30	20975	-45.5		122 04												
31	20953	-43.9														
MN	20795	-45.7		* 149 03	24188	-47.9		*	26710	-46.7		*	31382	-38.6		*

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	20631	-48.7														
02	20645	-47.1														
03	20587	-47.2		081 05												
04	20643	-46.2		189 04	24015											
05																
06	20731	-45.7		080 03												
07	20623	-47.0		263 01												
08	20679	-45.9		123 03												
09																
10																
11	20786	-44.9		130 04												
12	20811	-45.6		173 07												
13	20731															
14	20810	-44.2		149 08												
15	20768	-43.9		107 09												
16	20827	-43.0		121 05												
17	20858	-43.9														
18	20876															
19	20962	-45.3		132 07	24368											
20	20862	-46.6		095 03												
21	20876	-45.9														
22	20947	-46.1			24341											
23	20888	-45.7														
24	20892	-45.0		070 04	24304	-44.8										
25	20903	-44.8														
26	20854	-44.6		106 03												
27	20941	-41.1														
28	20929	-42.6		204 01												
29																
30	21045															
31	20994	-43.1														
MN	20818	-45.2		*	24257	-44.8		*				*				*

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											
	hPa	hPa	hPa	ww	opp	g	Alt.	Pres.	Alt.	Pres.	g	Alt.	Pres.	Temp.	°	g	Alt.	Pres.	Temp.	°	g	Alt.	Pres.	Velocity						
01	20858	01	7	09	0						1	09	49	274	-57	4	312	0				9	05	21	516	298	10			
02	875	-70	2	09	0						1	07	99	336	-48	5	307	0				9	106	21	436	278	34			
03	14700	01	7	03	0						1	06	35	418	-46	7	291	0				8	06	47	412	257	16			
04	2553	-03	7	03	0						1	06	90	385	-49	5	294	0				9	06	60	402	217	07			
05	00900	02	4	00	0						1	08	30	314	-48	5	313	0				9	06	48	413	347	17			
06	00901	02	8	08	0						1	08	63	304	-52	4	310	0				9	08	36	318	293	10			
07	865	-70	2	04	0						1	08	17	325	-50	3	307	0				9	07	35	368	136	17			
08	66520	02	2	01	0						1	07	82	339	-49	7	305	0				9	06	70	401	137	19			
09	15521	01	7	02	0						2	05	79	457	-42	5	289	0				9	05	52	475	188	11			
10	00900	01	2	01	0						1	07	24	370	-45	5	303	0				9	05	67	466	262	21			
11	844	-71	7	08	0						1	08	50	309	-50	2	312	0				9	07	80	345	213	33			
12	25530	01	2	02	0						1	09	11	294	-52	3	317	0				9	08	78	300	185	26			
13	874	-71	7	05	0						1	08	95	291	-53	1	313	0				9	04	67	543	143	19			
14	10841	01	0	02	0						2	07	53	356	-47	5	303	1	13	98	138	-42	8	405	9	16	60	093	148	13
15	21500	03	1	19	0						1	07	11	378	-47	4	298	0				8	06	90	390	190	13			
16	00900	02	4	00	0						2	06	90	388	-49	2	294	0				8	06	78	393	136	13			
17	67430	71	7	02	0						1	06	14	433	-46	5	288	0				9	05	42	483	162	20			
18	8652	-38	2	02	0						1	07	40	366	-44	2	305	0				9	07	87	343	187	40			
19	5653	-70	2	06	0						2	07	50	359	-46	2	304	0				8	12	11	184	178	27			
20	2652	-77	2	10	0						1	07	01	383	-46	7	298	0				9	10	90	218	161	08			
21	25576	-37	2	06	0						1	06	39	420	-46	7	290	0				8	00	02	014	315	13			
22	00901	02	2	09	0						2	05	95	457	-42	9	288	2	14	27	135	-45	1	404	9	08	15	330	320	20
23	00905	02	8	06	0						2	09	40	280	-53	3	317	0				8	09	00	298	263	28			
24	41530	71	7	09	0						1	08	82	304	-53	0	309	0				9	08	71	308	236	14			
25	874	-71	7	08	0						1	08	30	326	-43	7	316	0				1	08	10	336	229	36			
26	00901	03	7	13	0						1	08	67	308	-49	7	313	0				9	08	10	336	246	19			
27	87																													

JUNE 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	1010	-02.0	87	060	01	0096	-02.7	88	058	01	0500	-04.0	91	202	01	0929	-04.0	93	226	06	
02	1010	-01.9	99	030	02	0097	-02.5	98	032	02	0500	-05.1	94	041	02	0927	-05.0	91	076	04	
03	1011	-02.9	83	315	03	0104	-03.7	84	322	04	0500	-07.0	87	350	05	0927	-08.0	65	020	05	
04	1011	-05.0	80	000	00	0105	-04.2	80	333	01	0500	-02.7	74	337	05	0941	-00.8	30	346	03	
05	1015	-09.0	75	030	01	0133	-00.0	21	006	02	0550	-00.3	56	322	05	0976	-00.9	39	325	04	
06	1013	-02.4	86	090	00	0115	-01.3	78	000	00	0520	001.5	46	236	02	0962	000.7	49	219	03	
07																					
08	1000	00.6	91	000	00	0012					0410	-01.0	76	385	04	0851	-01.7	67	301	03	
09	1001	-01.2	94	315	13	0024	-01.3	94	315	13	0420	-04.7	93	352	11	0854	-06.3	87	017	03	
10	1005	-01.0	80	315	07	0056	-01.3	80	316	07	0460	-04.1	84	323	05	0888	-05.0	87	017	03	
11	1014	00.0	84	045	02	0125	00.0	85	051	02	0520	-02.7	86	668	02	0954	-04.4	75	098	04	
12	1020	-00.3	91	360	04	0173	-00.7	90	350	05	0600	003.1	77	007	04	1026	003.1	62	065	05	
13	1014	00.3	68	315	08	0129	00.4	60	321	10	0520	002.4	59	335	12	0981	000.3	58	333	12	
14	1010	00.4	71			0095	00.4	68			0520	003.4	66			0949	001.3	66			
15	1009	00.4	73	315	06	0086	00.4	72	316	07	0500	002.8	61	329	11	0939	002.3	60	337	12	
16	0998	006.7	70	360	02	0001					0430	008.2	47	229	04	0869	006.2	39	238	02	
17	0994	006.1	73	000	00	-030					0400	004.2	76	043	02	0827	002.0	80	314	02	
18	1001	001.7	97	045	02	0027	001.6	97	045	02	0400	000.4	76	060	03	0872	-00.0	87	090	03	
19	1005	001.0	94	360	04	0058	000.8	94	359	05	0475	-01.3	93	357	04	0898	-02.8	85	027	02	
20	1008	000.7	91	000	00	0079	000.3	91	000	00	0490	-00.9	93	149	02	0921	-00.2	95	148	04	
21	1007	-00.4	97	045	02	0069	-00.9	97	038	02	0480	-00.7	95	005	02	0911	000.0	81	066	02	
22	1002	00.0	97	000	00	0035	000.8	97	000	00	0440	003.9	98	002	01	0890	000.0	91	033	01	
23	1004	00.6	100	060	05	0047	000.4	100	064	05	0460	003.1	99	103	03	0897	002.1	96	146	04	
24	1009	000.6	91	360	05	0086	000.2	91	351	06	0495	-01.7	92	324	08	0927	-00.9	93	340	02	
25	1011	001.3	92	060	02	0122	000.9	94	028	02	0510	001.8	87	322	05	0950	000.3	76	340	04	
26	1006	004.2	85	000	00	0065	005.3	83	000	00	0500	009.9	58	185	03	0936	006.0	58	222	03	
27	1008	00.3	85	360	01	0081	003.0	85	358	02	0490	000.5	87	320	02	0929	-00.6	89	270	02	
28	1007	00.6	84	000	00	0074	001.7	85	186	01	0500	002.0	88	190	04	0926	001.5	84	203	03	
29	1002	006.8	74	225	07	0030	007.3	74	225	07	0450	007.5	77	229	11	0898	004.3	62	238	08	
30	1006	005.7	86	090	02	0062	005.3	85	083	02	0480	003.1	80	016	04	0916	000.8	77	320	03	
MN	1007	001.3	85	*		74	00.9	85	*		485	00.7	80	*		920	-00.2	75	*		

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	1379	-03.2	93	218	06	1855	-06.4	92	226	06	2350	-08.5	92	228	07	2891	-11.0	91	230	06	
02	1376	-06.0	73	100	07	1851	-06.3	50	113	08	2360	-07.3	41	123	06	2890	-08.9	59	120	05	
03	1373	-06.0	72	050	04	1849	-06.1	56	083	05	2350	-07.1	71	105	04	2888	-10.5	62	147	02	
04	1397	-01.5	43	010	01	1879	-03.2	54	093	01	2395	-05.3	66	073	01	2928	-06.9	38	006	02	
05	1432	-02.1	46	306	03	1913	-04.5	53	289	03	2420	-06.9	61	274	02	2956	-08.4	32	264	02	
06	1420	-01.1	52	231	02	1902	-03.8	23	252	03	2400	-06.4	31	260	04	2945	-09.0	34	262	04	
07																					
08	1304	-04.2	65	227	03	1781	-07.0	63	197	05	2280	-10.0	61	178	07	2811	-11.5	59	175	08	
09	1302	-05.9	83	068	10	1777	-06.0	36	087	11	2250	-07.9	51	100	11	2815	-10.2	53	110	12	
10	1339	-07.7	89	116	08	1818	-05.7	85	116	13	2310	-08.8	79	116	16	2853	-12.0	72	104	15	
11	1413	-03.7	57	110	06	1893	-04.6	44	119	09	2400	-07.1	46	115	10	2934	-10.1	56	117	10	
12	1487	000.3	56	078	06	1972	-03.0	57	078	08	2490	-06.4	63	081	07	3017	-09.3	62	094	06	
13	1437	-01.2	55			1921	-01.7	48			2430	-04.4	38			2972	-08.1	32			
14	1407	-00.4	62			1893	-00.1	37			2410	-01.7	A14			2953	-05.5	A15			
15	1399	000.8	48	347	12	1885	-01.0	31	356	10	2400	-04.0	27	360	06	2937	-07.9	32	009	04	
16	1334	002.7	39	264	03	1822	-01.1	40	284	05	2340	-03.5	35	270	05	2878	-04.3	A15	244	04	
17	1286	-00.5	83	274	04	1770	-03.1	87	266	05	2290	-05.8	82	256	07	2820	-06.8	80	253	11	
18	1328	-02.0	97	100	03	1810	-03.2	98	125	02	2310	-04.7	97	211	03	2860	-07.9	86	245	04	
19	1351	-03.2	94	198	01	1832	-03.7	95	174	03	2340	-04.9	95	205	04	2882	-07.5	94	228	05	
20	1378	-01.7	96	146	05	1860	-03.6	97	159	04	2380	-04.3	93	170	01	2912	-07.3	89	204	01	
21	1371	001.3	66	109	02	1858	-01.1	78	112	03	2380	-03.7	74	082	04	2913	-06.1	60	060	05	
22	1357	002.0	83	025	02	1842	-00.1	63	340	05	2360	-03.0	69	336	05	2900	-05.4	62	009	05	
23	1357	-00.1	94	214	02	1842	-02.4	92	270	02	2350	-04.9	89	271	01	2893	-07.4	86	296	03	
24	1385	-00.7	93	150	04	1869	-02.5	91	122	04	2385	-04.5	90	100	03	2920	-07.7	89	056	06	
25	1407	-01.2	64	028	04	1890	-03.4	57	026	06	2400	-06.5	57	010	07	2934	-08.8	63	288	08	
26	1401	002.0	64	272	05	1888	-02.2	70	289	08	2395	-06.7	77	288	10	2938	-10.4	75	291	10	
27	1384	-03.1	90	283	05	1863	-06.0	91	292	07	2360	-09.0	90	289	07	2910	-07.7	89	276	07	
28	1384	-01.9	85	251	04	1865	-05.4	86	259	08	2385	-04.9	84	273	07	2910	-07.7	89	276	07	
29	1361	001.2	86	234	12	1849	-00.2	88			2370	-02.9	86			2907	-06.7	88			
30	1374	-01.6	80	253	03	1856	-04.0	84	216	05	2360	-06.7	87	215	09	2900	-09.5	90	212	11	
MN	1377	-01.6	73	*43	00	1859	-03.5	67	*		2369	-05.8	66	*		2905	-08.3	61	*200	01	

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	1012	-01.8	70	060	01	0108	-02.7	73	070	02	0510	-04.2	84	093	04	0939	-04.9	90	128	05
02	1008	-03.3	91	360	05	0082	-04.0	87	356	05	0490	-06.0	89	348	05	0908	-05.1	89	010	04
03	1013	-04.6	78	360	01	0114	-05.5	74	359	02	0510	-05.9	81	353	03	0940	-05.1	53	047	01
04	1013	-																		

JUNE 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 (Pres. on Sfc.), Temp. (°C), R.H. (%), Wind (deg. mps.), and sub-columns for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Data rows include station numbers and meteorological values.

Table with columns for Altitude (Pres. on Sfc.), Temp. (°C), R.H. (%), Wind (deg. mps.), and sub-columns for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Data rows include station numbers and meteorological values.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude (Pres. on Sfc.), Temp. (°C), R.H. (%), Wind (deg. mps.), and sub-columns for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Data rows include station numbers and meteorological values.

Table with columns for Altitude (Pres. on Sfc.), Temp. (°C), R.H. (%), Wind (deg. mps.), and sub-columns for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Data rows include station numbers and meteorological values.

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

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 measurements.

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 measurements.

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 measurements.

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 measurements.

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

JANUARY 1961

STATION INSTRUMENTATION

USWB type radarscope, SCR658 RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

Z	600 MBS				500 MBS				400 MBS				300 MBS							
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind				
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	3837	-33	4	45 168	03	5116	-41	7	162	10	6593	-52	7	146	08	8400	-61	9	130	08
02	3842	-35	0	A21 216	06	5085	-45	0	203	06	6542	-55	6	162	10	8347	-60	6	157	09
03	3883	-33	4	A21 122	05	5133	-44	7	133	10	6591	-54	8	147	13	8383	-62	9	143	13
04	3839	-37	2	49 120	11	5077	-45	5	112	12	6534	-55	0	119	11	8338	-61	5	132	12
05	3785	-39	0	47 115	08	5016	-46	0	115	12	6473	-54	5	118	21	8294	-58	2	118	18
06	3789	-39	9	53 160	08	5016	-47	0	-	-	6465	-55	7	-	-	8284	-56	4	130	06
07	3757	-40	7	150	07	4979	-47	6	149	08	6425	-56	0	140	11	8238	-57	8	150	07
08	3779	-38	9	63 120	07	5010	-46	3	125	08	6461	-55	8	125	08	8275	-56	9	119	09
09	3751	-39	6	054	10	4975	-47	8	072	09	6425	-54	1	072	12	8275	-52	3	115	06
10	3729	-40	9	045 13	4946	-49	2	074	20	6392	-54	3	069	10	8240	-51	6	059	08	
11	3624	-41	7	028 08	4842	-47	8	023	08	6302	-50	5	075	12	8191	-47	9	035	04	
12	3509	-41	4	103 09	4738	-44	7	114	16	6226	-46	3	120	17	8134	-46	7	123	11	
13	3670	-29	4	38 112	21	4954	-37	3	A22 130	23	6455	-49	5	117	25	8297	-56	9		
14	3745	-26	5	39 068	19	5031	-38	3	46 067	21	6531	-48	3			8378	-58	0		
15	3767	-29	8	51 057	19	5039	-39	7			6526	-51	7			8356	-60	7		
16	3611	-34	5	66 006	29	4862	-42	8	001	37	6336	-42	8			8197	-50	5		
17	3574	-31	8	70 341	25	4840	-40	9	351	36	6321	-52	0			8162	-55	6		
18	3612	-30	3	44 360	17	4882	-39	7	44 340	21	6376	-49	2	353	34	8320	-57	0		
19	3721	-32	4	65		4986	-40	3			6476	-50	3			8313	-60	0		
20	3761	-35	4	66 350	21	5014	-42	3	357	24	6491	-42	3			8320	-58	6		
21	3794	-34	8	60 013	28	5049	-41	6	018	30	6533	-50	5			8377	-56	7		
22	3871	-27	8	67 050	21	5155	-38	2	60		6654	-49	0			8523	-51	8		
23	3959	-27	8	34 022	07	5239	-38	7	A22 040	09	6739	-48	5	050	14	8620	-51	4	030	09
24	3927	-25	9	A19 343	09	5501	-33	9	A21 350	03	6821	-47	1	357	05	8696	-50	3	024	06
25	3949	-27	6	67 332	09	5238	-35	6	58 317	06	6762	-45	3	305	06	8644	-50	3	275	06
26	3907	-29	0	55 320	10	5190	-37	1	A22 340	11	6700	-46	6	340	16	8586	-48	7	344	06
27	3722	-27	5	A19 054	06	5015	-35	1	A21 042	08	6532	-47	1	039	11	8419	-49	0	030	10
28	3725	-29	7	32 057	14	5002	-38	2	A22 061	19	6502	-49	1	059	29	8361	-54	7		
29	3882	-27	0	35 049	11	5171	-36	5	43 053	15	6677	-49	2	050	24	8517	-59	6		
30	3873	-30	5	72 290	11	5143	-39	9	64 300	13	6650	-49	0	278	09	8503	-59	5	265	17
31	3816	-36	6	A21 339	14	5036	-43	0	334	13	6547	-47	1	330	10	8397	-57	7	305	08
MN	3777	-33	4	47		5036	-41	7	37	38	6518	-50	9	73	08	8364	-55	5		

00 GMT.

CONSTANT PRESSURE DATA

Z	200 MBS				150 MBS				100 MBS				70 MBS								
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind					
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.					
01	10940	-57	0		110	06	12750	-59	6	104	06	15267	-63	0	115	08	17440	-67	7	111	09
02	10893	-57	1		127	07	12711	-58	9	125	05	15231	-63	2	092	08	17398	-68	0	114	06
03	10906	-58	5		139	08	12721	-58	5	128	08	15242	-63	6	105	06	17407	-68	5	114	05
04	10888	-56	7		126	09	12714	-56	8	113	06	15252	-62	4	045	03	17428	-67	4	111	08
05	10866	-56	0		118	09	12691	-56	4	078	05	15233	-61	9	007	04	17416	-65	7	111	08
06	10885	-55	7				12731	-54	8			15303	-58	0			17554	-57	7		
07	10839	-52	9				12689	-54	2			15290	-53	7							
08	10891	-51	0		284	04	12776	-50	7	282	04	15407	-51	0	301	16	17735	-51	4		
09	10918	-50	0		325	02	12799	-49	8	286	03	15456	-49	0	292	12	17799	-49	8		
10	10890	-49	7		061	10	12770	-50	1	299	09	15429	-49	0	318	12	17763	-49	6	293	19
11	10873	-47	7		340	03	12769	-48	4	319	05	15450	-48	6	293	14	17783	-51	0	293	20
12	10816	-48	0		110	06	12708	-48	9	334	06	15367	-51	0	284	15	17677	-52	8	291	26
13	10913	-51	4				12781	-51	8			15409	-52	1			17717	-52	6		
14	10955	-55	4				12795	-54	9			15388	-55	2			17672	-53	7		
15	10936	-54	6				12779	-54	3			15389	-53	5			17689	-51	7		
16	10845	-50	0				12711	-53	0			15313	-55	1			17582	-56	9		
17	10780	-52	7				12632	-53	9			15217	-57	0			17462	-59	9		
18	10806	-53	5				12645	-56	4			15206	-57	7			17429	-59	9		
19	10851	-56	0				12681	-58	0			15215	-60	8			17431	-61	7		
20	10897	-56	2				12733	-57	9			15282	-59	6			17493	-62	2		
21	10995	-54	2				12832	-54	8			15417	-58	1			17649	-57	1		
22	11146	-55	8				12988	-55	5			15981	-58	4			17799	-58	3		
23	11266	-50	0		129	09	13131	-53	0	015	10	15794	-55	0	005	18	18005	-56	8	005	22
24	11346	-49	8		355	04	13200	-49	6	355	09	15867	-51	8	350	17	18172	-54	7	359	23
25	11328	-47	2		320	08	13258	-48	9	333	13	15874	-51	4	347	22	18179	-54	3	345	25
26	11279	-45	9		329	12	13190	-47	7	340	14	15856	-49	1	340	24	18167	-54	7	338	28
27	11079	-49	7		011	07	12951	-53	2	340	14	15546	-56	0	340	22	17801	-58	8	333	31
28	10968	-54	3				12795	-58	2			15316	-63	7			17482	-68	1		
29	11052	-58	6				12847	-61	2			15321	-67	7			17447	-71	7		
30	10995	-62	8		298	13	12774	-63	0	315	11	15240	-68	5	321	09	17362	-71	5	357	08
31	10919	-62	0		317	12	12689	-64	6	320	11	15141	-68	5	324	10	17264	-71	2	327	06
MN	10966	-53	4				12814	-54	7			15394	-57	3			17640	-59	5		

CONSTANT PRESSURE DATA

12 GMT.

Z	600 MBS				500 MBS				400 MBS				300 MBS							
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind				
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	3836	-34	0	A21 175	04	5092	-42	5	174	05	6562	-54	0	156	07	8365	-62	0	133	09
02	3870	-34	0	A21 215	04	5121	-43	7	199	09	6589	-54	2	193	04	8393	-62	0	189	16
03	3873	-36	0	67 117	08	5115	-44	9	100	11	6573	-55	7	112	10	8371	-61	8	120	10
04	3807	-38	1	114 12	10	5038	-46	1	122	11	6492	-54	9	116	13	8304	-59	8	125	17
05	3781	-40	6	170 07	07	5002	-47	7	140	07	6450	-55	0	138	09	8280	-56	5	125	08
06</																				

EUREKA, N.W.T.

JANUARY 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

Day	50 MBS				30 MBS				20 MBS				10 MBS				
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	
																	01
01	19442	-72.3		109 09	22404	-77.4		110 08									
02	19397	-72.6		091 06													
03	19399	-73.1		014 07	22349												
04	19432	-71.7		014 13	22416	-76.1											
05	19450	-67.7		350 15	22504	-70.2		344 38									
06	19671	-59.7															
07																	
08	19900	-54.9		301 22	23141	-58.3		306 28	25675	-61.3		306 37					
09	19982	-53.9		294 25	23234	-57.0		301 32	25795	-58.1		304 51					
10	19952	-52.3		309 31													
11	19967	-52.2		291 27	23258	-54.2		295 34	25850	-55.8		286 32					
12	19844	-54.0		287 28	23094												
13	19905	-50.0			23224	-51.7											
14	19846	-51.5			23179												
15	19876	-53.5			23115	-59.5			25638	-62.9							
16	19710	-57.6			22924	-59.8			25439	-63.1							
17	19560	-60.6			22740	-61.8			25259	-61.7							
18	19522	-61.6			22683	-61.1											
19	19514	-62.3			22675	-60.3			25227	-56.7							
20	19588	-59.0			22826	-54.7			25438	-52.3							
21	19783	-58.4			23029	-53.2			25670	-52.5							
22	19915	-59.0			23108	-60.3			25649	-60.4							
23	20129	-59.0		001 30	23330	-60.6		357 51	25835	-63.9		356 72	30110	-60.7			
24	20306	-58.7		351 34	23505	-62.0		355 36	25989	-64.8		352 38					
25	20322	-57.5		345 35	23500	-64.8											
26	20295	-59.8		338 48	23628	-68.0		343 54	25842	-70.8							
27	19891	-63.5		338 55	23022	-65.4											
28	19481	-72.5			22480	-73.4											
29	19417	-74.1			22385	-75.4			24732	-75.9							
30	19338	-74.0		308 14													
31	19241	-73.9		331 03													
MN	19736	-61.7			22942	-63.0			25574	-61.4			30110	-60.7			

Day	SURFACE										FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL						
	SYNOPTIC DATA										Lowest		Highest										Velocity						
	hPa	hPa	hPa	hPa	hPa	hPa	hPa	hPa	hPa	hPa	hPa	Alt. Opm.	Pres Mb.	Alt. Opm.	Pres Mb.	Alt. Opm.	Pres Mb.	Temp. °C	°A	Alt. Opm.	Pres Mb.	Temp. °C	°A	Alt. Opm.	Pres Mb.	Temp. °C	°A	Alt. Opm.	Pres Mb.
01	00900	02	7	02	0	*	*	*	*	*	2	07-56	344	-60.3	288	0	*	*	*	*	*	9	20-33	043	109	15			
02	00900	02	2	02	0	*	*	*	*	*	1	07-84	325	-61.1	292	0	*	*	*	*	*	9	06-67	392	158	12			
03	00900	02	2	02	0	*	*	*	*	*	1	07-89	325	-63.8	288	0	*	*	*	*	*	9	06-80	388	145	16			
04	00900	01	7	02	0	*	*	*	*	*	1	08-05	314	-62.7	293	0	*	*	*	*	*	9	21-77	334	003	21			
05	20930	76	4	00	0	*	*	*	*	*	1	07-59	336	-58.4	289	0	*	*	*	*	*	1	22-90	028	343	09			
06	00900	02	7	09	0	*	*	*	*	*	1	07-23	353	-58.5	293	0	*	*	*	*	*	1	09-95	232	164	39			
07	00900	02	7	02	0	*	*	*	*	*	1	07-82	322	-59.5	295	0	*	*	*	*	*	5	06-57	391	142	11			
08	00900	02	4	00	0	*	*	*	*	*	1	07-49	340	-59.8	291	0	*	*	*	*	*	1	27-23	015	305	62			
09	00900	02	4	00	0	*	*	*	*	*	1	06-58	390	-54.9	286	0	*	*	*	*	*	1	28-10	014	303	58			
10	876	71	2	01	0	*	*	*	*	*	2	06-39	400	-54.3	284	0	*	*	*	*	*	9	20-10	049	315	36			
11	00900	76	7	11	0	*	*	*	*	*	2	05-60	447	-50.2	281	0	*	*	*	*	*	9	24-36	023	301	41			
12	00900	76	7	10	0	*	*	*	*	*	2	04-87	490	-45.0	280	2	15.50	098	-51.4	430	1	21-40	039	289	35				
13	00900	02	2	05	0	*	*	*	*	*	1	08-23	303	-57.2	304	0	*	*	*	*	*	4	07-18	359	105	27			
14	00900	02	2	03	0	*	*	*	*	*	1	08-27	305	-59.6	300	0	*	*	*	*	*	1	05-68	455	063	25			
15	00900	02	3	05	0	*	*	*	*	*	1	08-38	299	-60.7	300	0	*	*	*	*	*	2	03-15	655	060	24			
16	875	71	7	10	0	*	*	*	*	*	1	06-57	386	-53.9	288	0	*	*	*	*	*	3	04-81	504	360	37			
17	875	71	7	16	0	*	*	*	*	*	1	07-97	309	-56.5	303	6	24.16	024	-62.7	610	1	05-31	465	351	44				
18	874	71	2	04	0	*	*	*	*	*	1	08-46	289	-57.9	307	0	*	*	*	*	*	4	06-37	400	355	35			
19	877	71	2	04	0	*	*	*	*	*	2	08-99	259	-65.6	309	0	*	*	*	*	*	2	01-31	817	316	10			
20	67700	71	2	11	0	*	*	*	*	*	1	08-12	309	-59.4	299	0	13.13	141	-59.5	374	3	06-40	515	355	30				
21	00900	39	2	09	0	*	*	*	*	*	1	08-09	313	-57.4	300	0	11.49	185	-56.6	350	3	05-37	477	021	35				
22	00900	39	2	10	0	*	*	*	*	*	1	07-80	335	-52.5	302	0	12.58	160	-56.2	367	2	03-20	658	058	23				
23	00900	02	2	13	0	*	*	*	*	*	2	06-74	400	-48.5	292	0	1	25-70	020	356	72	1	25-70	020	356	72			
24	00900	02	4	00	0	*	*	*	*	*	1	07-79	344	-52.9	299	0	*	*	*	*	*	9	24-16	027	352	50			
25	00900	02	7	08	0	*	*	*	*	*	7	07-67	349	-51.2	300	7	23.10	032	-64.6	558	1	23-32	031	345	54				
26	874	71	7	19	0	*	*	*	*	*	1	07-69	344	-51.2	302	0	*	*	*	*	*	1	23-57	029	344	56			
27	875	71	7	07	0	*	*	*	*	*	2	06-79	385	-48.6	295	0	*	*	*	*	*	1	22-00	035	340	82			
28	00900	02	2	08	0	*	*	*	*	*	1	08-02	316	-55.0	303	0	*	*	*	*	*	1	07-74	330	056	38			
29	00901	02	2	11	0	*	*	*	*	*	2	08-32	310	-59.6	298	2	13.50	135	-64.4	370	1	07-00	381	048	26				
30	875	71	3	02	0	*	*	*	*	*	1	09-30	263	-64.9	309	0	*	*	*	*	*	9	09-87	240	283	18			
31	00900	02	2	05	0	*	*	*	*	*	1	10-30	221	-62.8	324	0	*	*	*	*	*	9	04-70	527	334	17			
MEAN												07.69	337	-56.8	296		16.21	111	-59.3	437									

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Day	50 MBS				30 MBS				20 MBS				10 MBS				
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	
																	01
01	19383	-72.9		125 10	22234	-79.4											
02	19452	-73.6		035 08	22403												
03	19419	-72.1		005 10													
04	19424	-70.2		352 16	22432	-73.9											
05	19550	-64.0		345 31	22654	-67.8		342 41	25073	-71.7		343 53					
06	19789	-58.5		331 22	22979	-62.3		329 36	25459	-66.2		323 43					
07	19899	-54.0		310 24	23125	-60.1		299 29									
08	19959	-52.7		305 22	23229	-56.8		303 35	25780	-60.0		299 48					
09	19953	-54.0		296 26	23217	-56.2		295 32	25781	-58.4		304 53					
10	19976	-51.7		288 25	23275	-52.4		302 37	258								

FEBRUARY 1961

STATION INSTRUMENTATION

USWS type radiosonde, SCR558 RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

Day	SURFACE				1000 MBS				950 MBS				900 MBS			
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. 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	1021	-40.6	60	090 03	0149	-37.1	36	103 03	0510	-28.9	48	055 01	0901	-24.0	59	345 03
02	1015	-30.7	60	140 06	0114	-31.4	62	140 07	0490	-30.2	65	157 09	0871	-21.9	68	202 07
03	1010	-24.5	50	220 03	0080	-24.0	50	199 04	0460	-26.0	56	146 08	0847	-24.1	68	163 11
04	1002	-21.4	61	270 02	0021	-21.4	61	270 02	0400	-21.7	65	186 07	0798	-23.0	67	186 10
05	1007	-29.7	55	000 00	0057	-29.1	56	000 00	0430	-27.7	58	164 05	0814	-28.8	62	191 05
06	1009	-33.7	62	140 12	0066	-34.3	63	142 11	0440	-36.5	67	154 09	0804	-28.2	69	179 07
07	1017	-40.6	72	030 03	0120	-38.1	39	095 02	0480	-33.3	48	38 03	0857	-33.8	50	321 02
08	1017	-34.3	79	140 06	0123	-34.7	73	124 05	0490	-32.3	74	181 04	0870	-25.9	71	295 03
09	1018	-37.3	57	090 04	0133	-36.7	57	119 05	0500	-31.3	59	143 07	0880	-25.0	64	159 08
10	1007	-28.5	70	000 00	0060	-27.3	67	000 00	0440	-27.3	68	131 05	0819	-28.1	73	162 07
11	1013	-29.7	61	040 02	0099	-29.9	62	024 02	0470	-30.6	66	333 03	0848	-31.0	70	338 09
12	1020	-45.6	110	01 01	0140	-38.5	5	080 02	0490	-33.4	55	319 02	0878	-33.0	61	342 03
13	1016	-40.6	000	00 01	0113	-39.6	A22	000 00	0480	-36.6	31	324 05	0843	-34.1	45	334 09
14	1009	-44.4	000	00 00	0065	-42.6	6	305 01	0430	-40.1	1	347 03	0786	-36.8	36	319 04
15	1005	-38.1	020	05 03	0039	-37.5	5	015 04	0410	-36.5	50	326 04	0770	-36.0	52	334 08
16	1008	-37.7	57	140 03	0063	-37.5	55	139 03	0420	-36.3	54	175 01	0797	-31.7	61	312 06
17	1009	-41.7	110	01 01	0063	-41.7	59	000 00	0440	-39.0	6	305 01	0805	-26.8	59	351 03
18	1015	-36.3	35	000 00	0110	-35.8	37	000 00	0480	-34.1	46	355 01	0853	-25.8	57	353 06
19	1006	-44.2	090	03 00	0046	-41.6	6	085 03	0410	-32.7	4	304 02	0794	-24.5	55	037 07
20	1004	-41.1	000	00 00	0034	-40.6	6	000 00	0410	-32.8	43	000 00	0783	-21.0	43	000 00
21	1012	-46.8	110	01 01	0087	-43.1	1	080 01	0450	-37.0	A22	348 02	0824	-25.1	45	340 04
22	1011	-45.7	000	00 00	0079	-43.0	0	000 00	0440	-33.7	48	336 04	0822	-24.6	54	348 04
23	1002	-42.8	000	00 00	0021	-42.5	5	000 00	0380	-35.8	36	290 01	0756	-28.6	56	338 04
24	1001	-42.8	000	00 00	0013	-42.3	3	000 00	0380	-36.6	46	155 10	0744	-33.9	54	169 13
25	1006	-31.5	66	140 05	0046	-31.2	65	141 07	0410	-31.8	62	150 14	0790	-34.1	63	153 16
26	1008	-31.1	59	140 05	0063	-31.4	59	141 05	0420	-33.2	61	155 11	0803	-35.1	62	160 10
27	1010	-43.8	110	02 02	0077	-40.1	1	080 02	0440	-32.2	36	332 04	0820	-30.3	42	350 06
28	1013	-40.7	000	00 00	0095	-39.2	2	000 00	0450	-35.1	43	000 00	0830	-31.6	50	000 00
MN	1010	-37.3	59	*	78	-36.0	54	*	445	-32.8	52	*	822	-28.8	58	*

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.		
																	°C	%
01	1319	-22.6	52	320 05	1764	-24.2	65	299 07	2230	-26.8	70	270 06	2730	-27.8	61	252 05		
02	1290	-23.9	70	220 07	1732	-26.1	71	197 07	2200	-27.2	76	255 09	2696	-26.9	78	277 17		
03	1270	-18.7	60	183 10	1722	-20.2	57	205 10	2210	-22.0	66	202 12	2702	-25.4	66	216 13		
04	1214	-25.8	67	188 11	1652	-27.7	68	189 14	2120	-29.0	69	192 16	2607	-30.5	71	192 15		
05	1222	-29.9	68	187 06	1654	-31.7	67	187 05	2110	-33.1	69	224 04	2594	-33.8	68	265 05		
06	1213	-28.3	68	220 05	1649	-29.0	67	251 05	2100	-30.9	68	267 08	2597	-32.0	67	271 09		
07	1258	-32.8	50	319 06	1687	-32.2	43	316 20	2150	-32.7	38	325 10	2627	-34.1	44	324 14		
08	1282	-27.1	71	287 07	1719	-28.5	71	295 15	2190	-29.8	71	296 16	2672	-31.3	71	297 22		
09	1294	-26.2	66	228 06	1732	-27.5	67	287 08	2200	-28.7	67	290 09	2687	-30.1	68	291 15		
10	1234	-23.7	75	152 04	1677	-25.5	77	155 02	2160	-25.1	76	161 03	2646	-26.5	75	205 03		
11	1256	-28.9	68	341 11	1690	-29.8	66	340 09	2160	-32.4	64	337 07	2632	-33.1	53	338 08		
12	1279	-34.0	65	355 06	1707	-32.4	58	301 09	2180	-33.4	45	004 10	2643	-36.2	49	002 11		
13	1245	-32.1	57	338 13	1674	-32.2	60	340 12	2140	-33.0	62	348 12	2612	-35.4	62	352 12		
14	1182	-36.4	64	026 07	1604	-36.4	62	018 12	2050	-37.8	54	034 15	2528	-35.9	52	040 17		
15	1165	-36.9	60	346 12	1597	-24.9	67	350 14	2060	-25.2	70	007 18	2568	-26.9	61	010 18		
16	1201	-29.9	64	342 10	1658	-24.9	69	356 14	2100	-25.5	71	205 16	2608	-26.2	70	012 26		
17	1223	-22.8	67	335 03	1666	-25.3	58	027 07	2130	-26.6	63	061 09	2628	-29.4	67	028 12		
18	1270	-24.4	66	003 10	1711	-25.6	69	360 11	2180	-27.5	69	004 13	2671	-30.1	67	016 13		
19	1209	-25.8	67	040 08	1650	-25.6	67	031 06	2120	-27.0	49	055 06	2612	-28.9	43	064 05		
20	1212	-15.1	A16	008 09	1669	-17.6	A17	029 09	2170	-19.3	A17	044 11	2664	-19.7	A17	050 12		
21	1245	-19.0	62	358 05	1701	-16.4	65	023 05	2200	-17.1	A17	013 07	2701	-19.5	A17	013 06		
22	1241	-19.1	40	025 04	1697	-15.9	48	034 05	2190	-15.6	27	055 05	2703	-18.5	37	084 04		
23	1169	-25.2	65	025 06	1613	-21.0	65	046 07	2100	-20.0	40	043 10	2602	-22.1	A18	035 12		
24	1147	-31.5	60	171 12	1576	-32.2	66	165 12	2040	-25.0	28	127 10	2540	-26.6	A19	122 10		
25	1188	-35.8	64	162 15	1612	-33.8	67	183 10	2070	-32.9	68	210 08	2550	-35.5	67	210 05		
26	1204	-32.8	64	165 10	1631	-33.6	67	179 09	2090	-31.8	63	190 10	2571	-34.9	64	205 09		
27	1227	-30.5	44	015 05	1659	-30.7	47	044 05	2120	-32.2	48	050 04	2601	-34.8	49	069 06		
28	1235	-32.0	55	086 01	1663	-32.3	60	022 03	2120	-32.9	62	006 07	2602	-35.9	65	013 09		
MN	1232	-27.6	58	*32	01	1670	-27.2	60	*	2139	-27.9	57	*	2628	-29.6	55	*344	05

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	1017	-33.7	62	140 03	0127	-34.4	62	139 04	0500	-30.3	60	244 04	0879	-21.7	57	307 04
02	1013	-27.4	66	140 05	0101	-27.8	67	139 06	0480	-28.0	61	138 08	0860	-24.0	70	174 07
03	1014	-18.4	60	160 05	0109	-18.9	61	157 05	0500	-20.8	63	181 13	0888	-20.8	63	176 08
04	1005	-25.1	65	290 01	0041	-25.1	65	275 01	0430	-20.8	68	187 03	0807	-25.0	71	170 07
05	1009	-34.2	61	110 02	0071	-33.8	61	116 02	0440	-31.7	62	168 04	0816	-30.1	63	221 02
06	1011	-34.0	62	110 02	0083	-34.1	62	120 04	0450	-34.5	62	162 03	0821	-32.3	61	034 03
07	1018	-37.8	090	06 02	0129	-36.5	58	110 05	0490	-31.1	58	160 05	0875	-28.2	61	255 03
08	1019	-37.8	110	07 01	0137	-35.8	55	112 06	0490	-32.3	66	125 02	0880	-29.1	67	303 02
09	1012	-30.8	46	000 00	0093	-30.9	49	131 01	0460	-30.7	61	166 07	0849	-22.6	71	195 07
10	1009	-26.1	65	290 06	0072	-26.6	67	294 06	0440	-27.2	70	338 06	0831	-2		

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 altitudes from 3827 to 3658 gpm.

Table with columns for Altitude, Temp., R.H., and Wind for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for altitudes from 10894 to 10755 gpm.

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 altitudes from 3810 to 3665 gpm.

Table with columns for Altitude, Temp., R.H., and Wind for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for altitudes from 10885 to 10775 gpm.

A Statistical Value for Relative Humidity

* Vector Mean Wind

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

FEBRUARY 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

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	19255	-72.6		299 09	22235	-75.3		241 06								
02	19257	-73.0														
03	19256	-74.6														
04	19165															
05	19139	-72.5		248 19												
06																
07																
08	19296	-71.5			22264	-77.0										
09	19393	-70.1			22404	-72.9		24771	-75.0							
10	19424	-68.3		262 32	22482	-71.2										
11	19311	-67.4		276 41	22572	-69.6		24812	-65.7							
12	19216	-69.1		285 20												
13	19224	-67.4														
14	19275	-63.7			22424	-62.5		24926	-62.5							
15	19292	-62.1			22430	-63.9		24968	-58.2							
16	19457	-62.0			22640	-59.0		25199	-56.6							
17	19456	-59.3			22666	-58.1		25226	-56.6							
18	19441	-61.5			22614	-61.1										
19	19355	-65.4		334 31	22446	-67.1		327 44								
20	19400	-66.1		337 30												
21	19322	-70.0		335 31	22349											
22	19316															
23	19277	-72.3		325 16	22274	-72.7		325 28								
24	19200	-71.6														
25	19156	-71.0		326 13												
26	19117	-70.9		330 12	22125											
27	19237	-67.6		340 24	22323	-66.8		335 39								
28	19508	-56.9		334 42	22747	-56.1		25337	-54.0							
MN	19298	-67.9	*		22425	-66.7	*	25034	-61.2	*						*

Day	SYNOPTIC DATA				FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL							
	hPa	hPa	hPa	hPa	Code	Alt. gpkm.	Pres. mb.	Alt. gpkm.	Pres. mb.	Code	Alt. gpkm.	Pres. mb.	Temp. °C	°A	Code	Alt. gpkm.	Pres. mb.	Temp. °C	°A	Code	Alt. gpkm.	Pres. mb.	Velocity deg. mps.	
	01	00900	02 8 07 0									1 08 90	277	-66.4	298 0		9 09 42	254	298	20				
02	874	71 8 11 0									1 09 29	260	-66.8	304 0		4 06 28	419	255	32					
03	875	71 7 14 0									1 09 58	246	-64.7	312 2	16 78	076	-70.0	425	1 07 40	350	206	34		
04	875	71 7 14 0									1 08 75	276	-63.5	303 0		8 09 24	255	223	30					
05	27400	76 2 06 0									2 07 28	347	-59.3	289 0		9 19 60	046	247	21					
06	864	39 9 04 0									1 08 46	287	-62.4	299 0		1 10 90	194	286	27					
07	00900	02 2 12 0									1 08 58	282	-65.1	298 0		1 09 42	247	313	29					
08	875	71 7 05 0									1 08 24	302	-61.4	298 0		4 06 02	432	291	32					
09	60970	76 7 09 0									1 08 77	275	-62.2	303 0		1 26 39	042	248	49					
10	874	71 7 10 0									1 07 80	325	-61.2	292 0		1 26 39	042	248	49					
11	57500	71 2 11 0									2 08 07	308	-59.5	299 1	12 49	153	-61.1	363 9	19	21 051	278	41		
12	00900	02 2 06 0									1 07 24	347	-59.6	288 2	13 09	137	-62.5	371 1	19	66	047	285	21	
13	874	76 7 07 0									1 07 66	324	-60.7	293 2	13 35	131	-61.2	379 8	06	08	416	356	23	
14	00900	02 4 00 0									1 07 81	314	-56.4	302 0		1 05 00	487	044	34					
15	874	02 2 04 0									1 08 08	305	-59.9	299 1	15 99	086	-65.7	419 1	05	68	444	008	30	
16	874	71 7 06 0									1 09 02	267	-63.4	306 0		2 02 84	677	014	30					
17	00900	02 2 15 0									1 09 03	266	-66.0	303 0		1 07 52	340	352	36					
18	57400	71 2 02 0									1 08 57	287	-63.2	299 0		1 09 34	253	021	42					
19	00900	02 2 17 0									2 07 75	325	-57.6	297 0		1 22 77	028	323	52					
20	00900	02 2 13 0									2 08 64	286	-64.9	298 0		1 20 10	045	343	32					
21	00900	02 2 15 0									1 09 41	256	-68.4	302 0		9 20 04	044	330	35					
22	00900	02 7 07 0									2 10 00	239	-70.3	307 0		1 18 20	061	325	20					
23	27000	76 4 00 0									1 09 09	266	-61.1	309 0		1 22 77	028	323	52					
24	00900	02 7 02 0									2 07 75	325	-57.0	298 1	11 12	190	-62.2	338 1	07	49	336	079	40	
25	26400	01 7 07 0									1 08 30	293	-59.3	304 0		9 00 86	892	153	16					
26	66500	02 2 08 0									1 08 18	297	-59.8	302 0		1 21 63	033	327	17					
27	00900	02 2 02 0									1 07 13	353	-57.4	291 0		1 23 00	027	335	42					
28	56500	02 2 10 0									1 07 27	345	-57.0	293 0		1 22 27	032	320	71					
MEAN											08 38	296	-62.0	300		13 80	129	-63.8	383					

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	19244	-73.4			22216											
02	19235	-74.1			22191	-77.2										
03	19254	-75.7			22198											
04	19155															
05	19092	-72.8		274 18												
06	19205	-71.0			22189											
07	19180	-75.0														
08	19343	-70.0			22333	-76.9		24664	-75.5							
09	19421	-68.5			22459	-71.9		24835	-74.6							
10	19352	-67.8		275 39	22403	-70.9		24824	-69.4							
11	19284	-67.2		285 21	22357											
12	19241	-68.0			22285	-70.6										
13	19255	-67.5		324 17												
14	19219	-65.6			22333	-63.9		24835	-61.3							
15	19364	-60.2			22532	-59.6										
16	19411	-60.6			22626	-56.0		25200	-57.0							
17	19503	-59.6		325 36	22713	-58.9										
18	19387	-65.2			22498	-67.5										
19	19385	-67.2		338 29	22461	-68.7		331 44								
20																
21	19317	-70.5		334 26	22339											
22	19197	-73.4		326 18	22162	-75.4		315 25								
23	19159															
24	19113	-72.4		017 08	22115	-73.0		354 12								
25	19062	-71.7		313 10												
26	19196	-71.0			22233	-69.7										
27	19316	-62.7		338 40	22509	-58.4		340 66								
28	19643	-55.7			22899	-54.9		25501	-53.4							
MN	19279	-68.3	*		22383	-67.1	*	24977	-65.2	*						*

Day	SYNOPTIC DATA				FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL						
	hPa	hPa	hPa	hPa	Code	Alt. gpkm.	Pres. mb.	Alt. gpkm.	Pres. mb.	Code	Alt. gpkm.	Pres. mb.	Temp. °C	°A	Code	Alt. gpkm.	Pres. mb.	Temp. °C	°A	Code	Alt. gpkm.	Pres. mb.	Velocity deg. mps.
	01	80970	02 7 03 0									1 09 57	248	-68.8	304 2	17 54	067	-72.2					

EUREKA, N.W.T.

MARCH 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.

Table with columns for Day, SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include altitudes, temperatures, RH, and wind speeds for various days in March 1961.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include altitudes, temperatures, RH, and wind speeds for various days in March 1961.

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for Day, SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include altitudes, temperatures, RH, and wind speeds for various days in March 1961.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include altitudes, temperatures, RH, and wind speeds for various days in March 1961.

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

MARCH 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.

00 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS									
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind						
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.						
01	3669	-39	8	64	342	13	4898	-46	1	328	12	6357	-53	9	324	11	8181	-56	9	327	11	
02	3630	-40	5		355	16	4857	-46	2	360	17	6315	-52	7	355	13	8153	-55	0	322	03	
03	3671	-36	7	47	097	06	4915	-42	2	113	09	6398	-50	6	119	16	8238	-56	7	117	14	
04	3747	-31	5	67	032	13	5017	-39	1	65	04	6517	-48	2	027	11	8357	-61	1	027	17	
05	3812	-34	7	59	015	17	5067	-41	7	034	19	6558	-49	4	002	09	8395	-61	4	357	14	
06	3860	-33	3	64			5115	-42	9			6582	-54	5			8384	-64	5			
07	3862	-36	0	A21	021	21	5103	-45	6			6554	-54	6			8352	-63	4			
08	3813	-38	2		314	14	5048	-46	0	335	17	6503	-53	4	331	15	8300	-61	0	322	12	
09	3738	-37	8	39	017	03	4973	-45	7	317	05	6431	-53	0	277	09	8256	-58	0	273	10	
10	3700	-42	4		026	05	4910	-50	4	023	05	6340	-56	6	317	02	8164	-55	0	268	02	
11	3676	-45	2		279	03	4875	-52	0	298	02	6296	-57	5	327	03	8115	-56	1	305	03	
12	3705	-44	2		012	04	4909	-50	9	003	06	6346	-56	2	031	09	8171	-55	8	020	07	
13	3670	-44	9		353	10	4881	-48	4	011	11	6330	-53	5	036	10	8166	-56	5	012	07	
14	3748	-39	1	56	065	24	4985	-45	4			6442	-54	5			8265	-56	8			
15	3811	-32	8		026	17	5071	-41	3	048	23	6549	-53	0			8370	-58	1			
16	3750	-37	5	A22	059	24	4997	-41	8	061	48	6482	-50	4			8332	-54	7			
17	3821	-38	2	A22	065	21	5061	-43	5	059	26	6534	-51	7			8372	-54	7			
18	3808	-32	0	56	121	11	5066	-42	6	148	12	6533	-55	0	150	15	8361	-56	1			
19	3774	-31	9	67			5033	-42	2			6512	-48	8			8383	-50	6			
20	3853	-29	3	72	070	11	5134	-38	7	65	081	12	6629	-50	0	083	13	8479	-50	5	085	12
21	3831	-28	1	A19	096	09	5121	-36	5	39	140	07	6628	-58	4	115	08	8495	-53	1	086	04
22	3839	-32	0	31	020	05	5113	-38	0	41	210	02	6615	-48	9	192	04	8482	-51	4	060	02
23	3892	-29	5	74	019	15	5181	-35	9	67	034	20	6696	-46	6	034	52	8564	-63	0		
24	3882	-31	7	A20	338	07	5151	-39	4	A22	329	12	6649	-47	8	340	08	8515	-52	3	318	09
25	3856	-33	7	A21	046	06	5117	-39	9	A22	070	04	6616	-48	6	060	05	8499	-48	8	033	08
26	3901	-33	1	66	029	06	5163	-40	3	023	07	6658	-48	0	040	06	8529	-51	1	030	06	
27	3875	-32	8	39	009	04	5146	-38	6	A22	033	09	6645	-49	0	022	14	8493	-55	3	020	09
28	3900	-35	9	62	065	07	5145	-44	1	054	07	6615	-51	4	032	12	8468	-52	7	017	11	
29	3849	-36	9	63	330	05	5090	-44	2	324	04	6559	-52	5	338	06	8412	-50	0	005	06	
30	3836	-35	9	A21	046	10	5083	-43	8	050	10	6553	-51	5	051	12	8424	-47	9	058	11	
31	3895	-36	9	A22	080	17	5139	-43	0	080	24	6623	-49	1	084	33	8498	-49	8			
MN	3796	-35	9	47	*		5044	-43	1	43	*43	09	6518	-45	1	*40	08	8360	-55	1	*19	05

Day	200 MBS				150 MBS				100 MBS				70 MBS								
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind					
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.					
01	10779	-53	5		305	07	12631	-52	2	306	16	15250	-53	7	303	27	17545	-54	7	306	36
02	10772	-51	8		290	08	12631	-52	5	287	14	15252	-51	8	285	26	17569	-49	8	305	32
03	10825	-54	1		030	04	12675	-52	3	336	08	15319	-49	7	319	21	17679	-45	9	302	27
04	10887	-56	2		245	08	12727	-53	4	320	13	15362	-49	5	302	21	17716	-47	1	295	29
05	10917	-56	2		341	13	12759	-53	9	265	15	15365	-51	9	286	27	17708	-46	4	278	28
06	10894	-58	5				12713	-56	0			15313	-51	2			17670	-44	7		
07	10901	-55	0				12745	-52	0			15405	-45	5			17812	-41	7		
08	10885	-52	3		298	10	12760	-48	9	278	14	15456	-42	8	278	20	17893	-38	5	277	24
09	10861	-50	9		264	12	12744	-48	0	265	17	15458	-40	7	264	23	17900	-39	0	274	27
10	10790	-50	3		270	07	12674	-48	6	262	12	15378	-42	2	263	19	17818	-37	0	268	25
11	10735	-51	3		295	07	12610	-49	9	274	06	15289	-44	7	265	17	17711	-38	1	263	21
12	10776	-51	6		326	07	12647	-50	6	298	07	15320	-45	0	275	16	17730	-40	2	268	25
13	10771	-51	9		359	04	12630	-51	0	002	10	15278	-47	5	260	22	17664	-43	2	265	26
14	10850	-54	1				12699	-53	5			15324	-49	9			17679	-45	6		
15	10939	-55	9				12770	-55	5			15385	-50	6			17736	-45	1		
16	10956	-55	7				12804	-52	3			15429	-49	6			17793	-44	0		
17	10995	-51	2				12869	-51	0			15479	-47	0			17919	-40	3		
18	10987	-50	6				12873	-49	3			15579	-42	7			18005	-38	7		
19	11064	-45	7				13000	-40	6			15678	-40	1			18199	-40	8		
20	11157	-44	7		007	03	13103	-40	6	299	05	15878	-40	1	286	08	18306	-42	0	281	08
21	11169	-44	7		345	09	13110	-41	5	250	07	15874	-40	8	285	06	18303	-41	4	225	04
22	11171	-44	4		020	03	13110	-42	0	304	02	15870	-40	3	264	03	18295	-42	5	300	04
23	11210	-46	8				13134	-43	3			15881	-41	1			18304	-41	8		
24	11175	-47	2		350	06	13092	-43	4	005	09	15823	-43	0	343	06	18227	-43	5	339	04
25	11203	-43	7		015	07	13139	-43	0	015	07	15879	-42	0	003	06	18292	-42	0	350	06
26	11223	-43	4		347	05	13160	-43	2	357	08	15893	-42	9	354	05	18309	-42	6	013	05
27	11160	-44	6		345	08	13097	-41	9	320	08	15854	-40	8	337	07	18286	-41	0	028	09
28	11127	-45	8		338	08	13063	-40	8	-	-	15847	-38	7	010	10	18284	-41	4	003	11
29	11113	-42	2		355	09	13082	-37	4	353	14	15887	-38	4	003	11	18328	-39	8	349	09
30	11134	-41	9		019	08	13103	-36	8	007	12	15915	-38	6	353	13	18349	-42	1	339	09
31	11189	-43	6				13140	-40	0			15926	-39	4			18352	-42	5		
MN	10988	-49	6		*329	06	12880	-47	3	*310	08	15580	-44	6	*296	13	17981	-42	7	*	

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS								
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind					
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.					
01	3648	-40	1		358	21	4871	-47	7	350	20	6323	-53	3	335	14	8170	-53	7	316	06
02	3648	-38	9	36	016	07	4883	-44	9	014	10	6350	-52	3	020	04	8194	-55	4	113	03

CONSTANT PRESSURE DATA

00 GMT.

Table with columns for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Each column contains Altitude, Temp., R.H., and Wind data for various days (01-31).

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Each column contains Altitude, Temp., R.H., and Wind data for various days (01-31).

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

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

SPECIAL AEROLOGICAL DATA

12 GMT.

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

MEAN 1802-01-09-00 07 41 350 -56 6 293 19 12 084 -43 9 528

APRIL 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION

27917 85°00'N 85°56'W 7 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	1035	-39.8	000	00	0246	-31.8	A20	336	01	0620	-23.2	36	014	06	1011	-26.2	48	034	11	
02	1029	-38.3	000	00	0208	-31.2	38	350	01	0590	-22.5	39	086	02	0977	-24.3	38	105	03	
03	1016	-33.3	54	140	02	0118	-30.7	58	105	03	0500	-22.2	63	015	03	0891	-20.2	69	076	05
04	1012	-28.3	53	000	00	0094	-27.1	57	000	00	0460	-22.4	68	351	01	0866	-22.3	72	099	04
05	1016	-30.0	61	140	06	0118	-29.0	62	141	06	0500	-26.6	64	147	07	0878	-24.1	67	132	05
06	1028	-33.5	48	090	02	0203	-32.1	50	110	03	0560	-27.9	54	128	03	0960	-25.1	58	137	01
07	1039	-36.8	45	140	01	0236	-30.5	51	025	02	0610	-25.1	53	336	04	0998	-26.3	53	-	-
08	1022	-36.3	59	110	01	0160	-30.7	61	071	02	0530	-22.6	56	024	03	0932	-21.0	62	074	04
09	1017	-28.3	41	140	01	0127	-27.8	48	200	02	0520	-17.8	62	021	03	0910	-16.3	72	079	05
10	1025	-21.7	64	140	04	0190	-22.9	69	151	05	0570	-23.0	75	178	05	0952	-22.8	74	207	05
11	1035	-30.6	44	360	01	0253	-25.6	63	343	02	0640	-22.8	68	354	03	1052	-24.6	74	249	02
12	1030	-32.6	30	070	01	0216	-25.0	43	031	02	0600	-28.4	49	355	02	0952	-18.4	43	016	01
13	1019	-32.4	49	090	01	0140	-27.2	50	040	02	0530	-16.4	49	030	04	0924	-16.9	39	060	03
14	1029	-30.4	39	090	01	0210	-22.7	56	095	01	0600	-18.0	48	026	01	0996	-18.0	44	105	02
15	1030	-28.3	47	000	00	0222	-21.7	58	110	01	0610	-17.9	53	142	02	1009	-17.0	44	145	05
16	1024	-22.2	66	110	02	0182	-21.5	69	133	05	0560	-20.0	77	184	09	0962	-20.7	83	186	07
17	1030	-23.3	53	000	00	0223	-23.9	54	139	05	0600	-23.1	53	160	07	0996	-21.4	45	159	07
18	1020	-12.8	74	140	08	0154	-13.4	74	150	10	0540	-15.2	75	175	13	0950	-17.2	76	172	07
19	1022	-09.9	75	180	12	0171	-10.7	76	179	11	0560	-12.4	78	166	06	0975	-14.2	80	179	06
20	1027	-11.1	63	040	03	0217	-07.2	63	145	04	0620	-07.6	63	142	07	1039	-05.8	49	150	02
21	1024	-16.1	32	000	00	0187	-10.3	60	330	01	0590	-07.1	64	358	02	1005	-06.3	36	000	00
22	1019	-16.1	38	360	01	0148	-13.6	61	355	02	0550	-08.0	70	356	02	0962	-08.2	64	023	03
23	1019	-17.8	51	000	00	0147	-16.4	62	299	01	0540	-10.8	71	005	01	0954	-11.2	68	143	02
24	1008	-15.6	77	090	01	0065	-15.9	75	096	02	0470	-09.9	83	198	04	0878	-10.3	89	142	08
25	1012	-12.1	69	140	09	0098	-12.6	72	140	09	0480	-14.7	78	161	11	0896	-15.8	84	168	12
26	1023	-14.6	57	320	01	0172	-15.8	67	070	02	0570	-16.9	77	157	03	0963	-17.8	79	166	04
27	1029	-17.4	63	020	02	0220	-15.8	68	065	02	0610	-16.4	74	145	01	1018	-12.9	66	003	02
28	1020	-13.9	68	140	07	0158	-15.1	69	140	07	0550	-12.6	60	148	08	0962	-08.0	57	177	08
29	1021	-15.2	63	140	02	0167	-15.0	67	126	02	0560	-14.6	73	174	01	0966	-12.4	80	160	02
30	1020	-14.1	62	270	01	0155	-13.9	65	296	01	0560	-14.7	74	176	01	0952	-17.7	82	135	03
MN	1023	-23.8	55	*	174	-21.2	59	*	560	-18.0	64	*	960	-17.4	63	*				

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	1424	-24.2	46	048	10	1867	-25.0	30	067	05	2340	-27.3	A19	080	08	2829	-28.4	A19	075	12
02	1392	-26.1	37	087	07	1831	-26.9	35	085	08	2300	-26.4	A19	090	08	2796	-28.1	A19	089	07
03	1313	-22.4	74	097	10	1758	-24.1	75	104	11	2240	-26.3	74	103	12	2724	-28.6	74	100	14
04	1285	-24.2	72	116	07	1727	-25.9	74	124	06	2210	-26.8	73	114	08	2689	-28.8	71	116	10
05	1297	-24.0	67	104	06	1740	-27.5	68	094	07	2220	-27.6	69	085	10	2700	-30.4	71	065	13
06	1373	-26.4	55	124	06	1811	-27.8	52	100	06	2270	-29.4	48	074	06	2764	-31.1	44	084	10
07	1410	-27.8	53	-	-	1846	-28.8	50	-	-	2310	-29.0	44	-	-	2800	-31.0	38	-	-
08	1353	-21.7	31	085	06	1801	-20.9	27	117	06	2270	-22.4	34	120	06	2771	-24.6	38	120	05
09	1318	-18.1	73	093	10	1792	-19.9	74	-	-	2270	-21.8	77	-	-	2774	-24.9	75	-	-
10	1380	-24.6	77	221	04	1822	-26.5	78	305	03	2290	-28.6	78	036	02	2787	-30.7	78	074	04
11	1440	-21.8	65	038	03	1890	-20.0	54	046	04	2370	-21.6	47	034	04	2872	-24.1	45	038	02
12	1427	-16.3	37	028	01	1884	-17.6	A17	358	02	2370	-19.8	A17	307	03	2874	-22.4	A18	291	05
13	1355	-15.9	A17	010	01	1812	-17.4	A17	023	01	2300	-20.0	31	345	01	2801	-23.0	32	316	04
14	1424	-17.4	36	073	02	1877	-18.9	39	031	02	2360	-20.7	43	050	02	2864	-23.3	37	351	02
15	1438	-16.1	34	140	04	1895	-17.1	A17	126	02	2370	-18.9	A17	165	03	2890	-21.0	35	171	04
16	1383	-22.2	85	210	05	1830	-22.9	84	223	07	2300	-23.7	83	218	05	2806	-25.2	83	215	07
17	1415	-23.6	55	157	07	1857	-26.0	61	206	07	2330	-28.5	66	220	12	2815	-29.8	68	212	15
18	1381	-15.3	72	189	09	1839	-16.3	74	207	12	2320	-17.2	76	238	12	2840	-18.2	77	237	15
19	1409	-12.4	80	210	08	1873	-12.9	82	254	14	2370	-13.9	83	253	20	2886	-16.2	83	249	19
20	1485	-07.9	47	200	02	1956	-10.1	46	239	04	2460	-12.4	44	243	06	2977	-14.0	44	248	19
21	1451	-08.1	38	000	00	1912	-10.3	44	000	00	2410	-12.3	34	275	01	2942	-13.7	A16	240	01
22	1405	-09.7	63	030	03	1872	-10.9	52	000	00	2460	-13.0	44	000	00	2889	-15.2	36	319	02
23	1394	-09.8	64	140	03	1862	-11.4	48	148	03	2360	-13.0	52	136	02	2878	-15.9	A17	266	01
24	1316	-12.7	90	144	11	1777	-15.4	91	145	12	2270	-14.3	92	134	13	2787	-16.4	91	159	14
25	1328	-14.7	82	186	07	1822	-16.7	79	200	06	2270	-18.0	77	180	06	2780	-19.7	78	192	12
26	1390	-16.8	81	139	03	1842	-19.8	83	181	03	2320	-20.9	84	188	05	2829	-22.7	80	186	06
27	1454	-12.5	50	335	03	1918	-12.1	49	333	04	2410	-13.7	52	-	-	2932	-15.2	39	-	-
28	1404	-11.1	67	204	10	1872	-09.3	82	224	13	2380	-09.8	87	221	22	2902	-11.8	87	221	23
29	1399	-16.3	84	182	03	1856	-15.0	57	241	02	2340	-15.7	A16	232	06	2863	-18.5	A17	248	03
30	1381	-14.9	80	260	01	1840	-16.1	77	256	04	2320	-18.2	57	253	06	2837	-20.9	36	248	11
MN	1388	-17.9	60	134	03	1841	-19.0	57	*		2324	-20.4	54	*		2830	-22.5	52	184	03

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	1031	-40.6	090	03	0219	-32.6	47	056	03	0590	-25.5	55	027	08	0984	-22.1	47	057	11
02	1024	-41.7	000	00	0172	-30.2	29	000	00	0540	-22.7	37	008	04	0939	-23.9	33	061	05
03	1010	-26.2	54	090	02	0080	-26.0	55	080	02	0460	-20.0							

EUREKA, N.W.T.

APRIL 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 Day, Altitude (Pres. on Sfc.), Temp. °C, R.H. %, Wind (deg. mps.), and pressure levels (600 MBS, 500 MBS, 400 MBS, 300 MBS).

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

Table with columns for Day, Altitude (Pres. on Sfc.), Temp. °C, R.H. %, Wind (deg. mps.), and 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 April 10, 00 GMT, this station resumed the use of the 403 mc "unshelved" type radiosonde for all ascents.

MAY 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 SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include Altitude, Temp., R.H., Wind, and data for days 01-31.

Table with columns for 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include Altitude, Temp., R.H., Wind, and data for days 01-31.

CONSTANT PRESSURE DATA 12 GMT.

12 GMT. CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include Altitude, Temp., R.H., Wind, and data for days 01-31.

Table with columns for 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include Altitude, Temp., R.H., Wind, and data for days 01-31.

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

MAY 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR558 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 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Rows include Altitude, Temp., R.H., and Wind for each level. Includes a summary row at the bottom.

Table with columns for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Rows include Altitude, Temp., R.H., and Wind for each level. Includes a summary row at the bottom.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Rows include Altitude, Temp., R.H., and Wind for each level. Includes a summary row at the bottom.

Table with columns for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Rows include Altitude, Temp., R.H., and Wind for each level. Includes a summary row at the bottom.

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

MAY 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.

Table with columns for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include values for various altitudes and corresponding temperature, humidity, and wind speed/direction.

00 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes sub-columns for synoptic data, lowest/highest freezing levels, and tropopause characteristics. Data rows show atmospheric profiles with various parameters.

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include values for various altitudes and corresponding temperature, humidity, and wind speed/direction.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes sub-columns for synoptic data, lowest/highest freezing levels, and tropopause characteristics. Data rows show atmospheric profiles with various parameters.

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

JUNE 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 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

JUNE 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.

CONSTANT PRESSURE DATA 00 GMT.

Table with columns for Altitude, Temp., R.H., and Wind for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data for 01-30 and MN 4031.

Table with columns for Altitude, Temp., R.H., and Wind for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for 01-30 and MN 11638.

CONSTANT PRESSURE DATA 12 GMT.

CONSTANT PRESSURE DATA 12 GMT.

Table with columns for Altitude, Temp., R.H., and Wind for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data for 01-30 and MN 4029.

Table with columns for Altitude, Temp., R.H., and Wind for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for 01-30 and MN 11629.

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

JUNE 1961

STATION INSTRUMENTATION

USWB type radiocade, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 72917 80°00'N 85°56'W 7 METERS

CONSTANT PRESSURE DATA

00 GMT.

P	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	20920	-42.1	1		24365	-44.9			27099	-41.9							
02	20942	-41.8			24399	-43.0			27129	-42.1							
03	20940	-41.2			24398	-43.0											
04	21026	-41.0		184	04	24489	-42.9										
05	21014	-40.6		133	04	24485	-42.9										
06	21025	-40.3			24500	-42.3			27233	-42.6							
07																	
08	21043	-39.7			24517	-41.4			27265	-42.3							
09	21089	-40.6			24556	-41.6			27305	-41.0							
10	21101	-41.4		034	04	24560	-43.0		037	06	27313	-39.7					
11	21099	-42.3		065	05	24515	-41.7		100	03	27272	-40.5					
12	21095	-41.7		037	02	24563	-40.9										
13	21061	-42.3		318	02	24522	-41.3		130	02	27282	-40.0					
14	21112	-41.0		350	04	24590	-40.8		035	05	27354	-39.5					
15	21062	-41.0			24534	-41.2					27293	-39.0					
16	21072	-39.8		027	04	24547	-40.8		040	06	27310	-39.7			32116	-30.0	
17	21036	-39.8		024	07	24537	-41.8		053	07	27309	-38.2			026	05	
18	21086	-39.5			24561	-41.2					27319	-40.0					
19	21084	-40.6			24566	-41.0					27325	-39.4					
20	21109	-40.6		051	05	24582	-40.9		353	07	27352	-37.7			109	08	
21	21090	-40.9			24566	-40.9					27338	-37.9					
22	21136	-41.0		021	04	24614	-41.0		024	03	27377	-39.0			087	03	
23	21178	-40.1		012	05	24666	-40.7		354	06	27437	-38.0			056	03	
24	21121	-41.7		008	04	24593	-39.9		009	05	27376	-37.7			351	08	
25	21106	-39.8		004	05	24592	-40.1		002	04	27365	-38.9			089	07	
26	21088	-40.7		031	04	24570	-40.0		049	06	27347	-38.8			047	03	
27	21060	-40.5		050	01	24540	-40.5		069	03	27305	-39.2			054	07	
28	21073	-40.1		035	05	24571	-38.1		104	06	27374	-36.0			082	06	
29	21030	-40.1		105	05	24526											
30	21068	-38.9		067	03	24581	-37.6		077	05							
MN	21064	-40.8		*38	03	24538	-41.1		*		27308	-39.5		*		32209	-29.8

CONSTANT PRESSURE DATA

12 GMT.

P	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	20899	-42.0		047	01	24347	-43.2		082	03	27080	-41.9					
02	20925	-42.1			24377	-42.4					27122	-41.1					
03	20954	-41.6			24417	-43.2					27158	-40.8					
04	21009	-39.7		118	06	24471	-44.0		000	00							
05	20999	-40.6		026	05	24466	-42.1		113	06	27204	-43.0			021	02	
06	20992	-40.7		013	04	24458	-43.7		090	02	27194	-42.2			026	05	
07	21000	-41.1			24453	-43.9					27194	-41.0					
08	21043	-40.6		020	11	24512	-42.7		019	07	27258	-39.1			101	05	
09	21042	-42.2			24505	-41.2											
10	21114	-41.1		036	04	24578	-42.9		056	05	27332	-39.9					
11	21066	-42.1		064	02												
12	21081	-41.2		056	06	24562	-40.0		086	03	27338	-39.0			102	04	
13	20981	-42.8			24434	-42.2					27180	-41.0					
14	21083	-41.4		326	01	24546	-42.0		040	02	27306	-39.3			042	04	
15	21101	-40.1		006	04	24578	-41.6		052	02	27346	-38.8			016	04	
16	21068	-40.2		030	05	24544	-41.9		042	05	27311	-38.6			057	05	
17	21037	-41.3			24504	-41.6											
18	21067	-39.1		021	05	24543	-41.1		037	07	27304	-40.7			058	07	
19	21068	-41.2			24536	-41.8					27299	-39.4					
20	21103	-40.9			24574	-40.9											
21	21160	-39.8		058	05	24643	-40.5		060	02	27427	-36.5			097	03	
22	21121	-40.4		032	05	24601	-40.1		048	05	27377	-38.3			054	03	
23	21185	-40.4			24666	-41.0					27450	-36.6					
24	21139	-40.1		350	11	24626	-41.1		000	00	27399	-38.2			342	01	
25	21075	-40.0		027	07	24572	-39.4		085	10							
26	21034	-40.8		053	06	24522	-39.3		072	05	27295	-39.3			062	04	
27	21068	-40.2		068	05	24560	-39.8		057	06	27346	-36.8			080	06	
28	21077	-39.8		062	05	24578	-38.4		082	09	27373	-37.2			085	07	
29	21070	-39.0		082	05	24584	-37.3		072	06	27441	-34.7			080	05	
30	21118	-38.7		067	06	24634	-37.3		086	07	27466	-35.3					
MN	21056	-40.7		*42	05	24593	-41.3		*68	04	27298	-39.1		*		32122	-29.9

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

P	SURFACE SYNOPSIS DATA										FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL							
	%h	t	c	d	w	w	w	w	w	w	Lowest		Highest		g	Alt.	Pres.	Temp.	°	°	g	Alt.	Pres.	Temp.	°	°	g	Alt.	Pres.	Velocity deg. mps.
											g	g	g	g																
01	70960	02	2	03	0						Alt.	Pres.	Alt.	Pres.	g	Alt.	Pres.	Temp.	°	°	g	Alt.	Pres.	Temp.	°	°	g	Alt.	Pres.	Velocity
02	25700	02	7	06	0						042	970	042	970	1	09	04	290	-47	0	322	0								
03	874	71	7	08	0						15	879	15	879	1	13	72	145	-41	6	402	0								
04	09091	02	2	13	0						2	05	62	472	-41	0	288	0												
05	856	02	2	01	0						1	08	07	334	-48	3	308	0												
06	855	02	7	15	0						1	08	76	302	-51	0	313	0												
07	66400	02	4	00	0						6	05	47	478	-38	2	290	0												
08	00900	02	2	01	0						1	08	38	321	-45	4	315	0												
09	76400	03	7	02	0						1	06	10	446	-35	5	299	0												
10	00904	03	2	08	0						1	08	65	316	-45	6	317	0												
11	00900	02	8	02	1	1.46	850	1.46	850	1	09	78	269	-53	0	320	0													
12	65700	03	2	04	1	1.02	970	1.02	970	1	08	03	346	-47	1	307	0													
13	75700	02	7	02	1	1.05	898	1.05	898	1	09	24	288	-53	6	313	0													
14	65700	03	7	02	1	1.15	879	1.15	879	1	08	23	333	-48	3	308	0													
15	872	71	7	05	1	2.00	985	2.00	985	1	07	80	353	-45	3	307	0													
16	60870	03	7	10	1	0.02	000	0.02	000	1	07	42	366	-45	5	303	0													
17	00900	01	2	05	1	0.52	942	0.52	942	1	08	00	339	-44	5	312	0													
18	865	02	2	10	1	0.20	980	0.20	980	1	09	60	271	-51	2	323	0													
19	25670	01	7	06	1	0.55	940	0.55	940	1	09	40	281	-48	0	323	0													
20	864	61	6	01	1	0.87	898	0.87																						

ISACHSEN, N.W.T.

JANUARY 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

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	1017	-32.9	64	020 03	0149	-31.2	67	026 03	0520	-24.8	73	024 04	0913	-21.4	74	360 -03
02	1017	-37.4	57	000 00	0148	-32.0	57	000 00	0520	-24.8	69	049 03	0926	-21.8	70	000 00
03	1017	-36.8	45	000 00	0151	-31.0	52	000 00	0520	-21.0	59	071 04	0926	-18.6	54	068 06
04	1020	-37.1	57	000 00	0169	-32.9	57	000 00	0530	-28.6	66	191 05	0922	-27.3	71	157 06
05	1020	-36.2	59	000 00	0168	-32.2	56	000 00	0520	-30.9	62	129 04	0914	-30.8	64	115 07
06	1020	-34.4	61	070 02	0167	-32.3	62	086 05	0520	-30.6	66	111 09	0915	-31.8	68	121 05
07	1018	-35.4	71	360 05	0157	-32.2	70	014 08	0530	-29.2	72	091 08	0909	-27.9	72	025 05
08	1019	-42.2	00	000 00	0159	-35.4	48	000 00	0520	-29.1	62	011 08	0911	-27.8	61	354 09
09	1019	-39.4	360 10	0159	-32.0	62	360 11	0520	-29.7	64	360 13	0911	-27.8	67	001 20	
10	1019	-38.7	00	000 00	0160	-40.3	00	000 00	0510	-29.6	69	000 00	0908	-29.4	72	000 00
11	1011	-34.3	61	340 10	0106	-35.0	62	341 10	0470	-37.7	63	350 10	0837	-34.4	64	351 12
12	0999	-37.7	310 09	0026	000 00	000 00	000 00	000 00	0390	-37.7	65	338 15	0757	-32.6	67	349 15
13	1001	-42.1	070 02	0034	-41.9	072 02	0034	-41.9	0390	-37.7	51	120 08	0759	-35.6	53	121 08
14	1009	-39.7	360 05	0088	-37.9	357 05	0088	-37.9	0540	-32.1	52	338 10	0831	-30.3	68	357 09
15	1007	-40.6	000 00	0078	-39.9	000 00	0078	-39.9	0440	-29.9	54	330 03	0821	-29.7	61	351 02
16	1000	-37.7	360 06	0030	-37.7	360 06	0030	-37.7	0400	-29.1	64	028 06	0769	-30.8	72	014 09
17	0992	-29.2	69 270 06	-027	000 00	000 00	000 00	000 00	0390	-29.6	73	297 10	0728	-24.3	76	310 13
18	0995	-29.4	69 300 15	-006	000 00	000 00	000 00	000 00	0380	-29.8	68	309 15	0753	-21.1	65	317 19
19	1008	-35.0	61 280 07	0088	-34.9	62 282 07	0088	-34.9	0450	-30.2	65	303 11	0838	-23.6	72	305 17
20	1019	-33.1	63 330 13	0164	-31.4	65 334 13	0164	-31.4	0530	-24.7	66	343 16	0930	-22.2	68	341 22
21	1022	-37.8	320 12	0179	-36.8	62 333 13	0179	-36.8	0550	-30.7	64	004 17	0931	-20.2	70	000 00
22	1025	-35.6	48 180 05	0203	-34.7	53 181 08	0590	-26.0	61 181 08	0598	-16.1	48 143 05	0968	-16.1	48 143 05	
23	1028	-35.6	60 100 03	0220	-34.2	59 146 04	0590	-22.7	62 222 03	0590	-14.3	42 307 04	0968	-14.3	42 307 04	
24	1021	-27.2	66 000 00	0182	-24.7	71 000 00	0570	-11.4	80 283 05	0570	-11.4	80 283 05	0962	-09.4	83 297 00	
25	1016	-21.2	78 350 05	0147	-22.3	78 352 07	0530	-17.8	79 356 08	0934	-15.7	79 330 07	0934	-15.7	79 330 07	
26	1003	-28.2	70 000 00	0054	-28.3	70 000 00	0440	-25.8	68 000 00	0824	-20.1	72 000 00	0824	-20.1	72 000 00	
27	1002	-25.0	70 000 00	0043	-25.2	70 000 00	0420	-27.9	68 000 00	0800	-30.8	66 000 00	0800	-30.8	66 000 00	
28	1013	-21.7	74 000 00	0125	-22.5	74 000 00	0490	-23.1	74 000 00	0898	-20.1	73 000 00	0898	-20.1	73 000 00	
29	1018	-25.1	70 000 00	0160	-23.0	69 000 00	0530	-16.0	78 307 09	0949	-17.0	78 302 10	0949	-17.0	78 302 10	
30	1012	-35.1	61 010 05	0185	-30.5	58 020 09	0570	-22.1	38 000 00	0956	-20.9	30 000 00	0956	-20.9	30 000 00	
MN	1013	-34.1	64 *	0122	-32.3	63 *	492	-27.5	65 *	880	-24.5	65 *	880	-24.5	65 *	880

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	1016	-37.2	57	330 04	0141	-36.3	40	041 04	0520	-23.5	57	048 03	0906	-20.5	64	306 01
02	1017	-35.6	60	000 00	0140	-32.0	61	000 00	0520	-22.6	72	016 02	0912	-20.0	68	260 01
03	1019	-34.3	41	090 02	0162	-31.9	46	142 04	0540	-26.1	59	198 06	0924	-24.1	66	154 04
04	1021	-37.2	70	000 00	0172	-32.8	63	000 00	0530	-29.5	68	141 04	0922	-29.7	70	126 04
05	1020	-37.4	44	070 01	0169	-34.4	47	111 04	0540	-32.8	54	153 07	0910	-32.5	61	133 10
06	1018	-37.2	70	060 01	0157	-31.0	58	062 02	0520	-29.3	64	076 04	0909	-29.5	65	085 03
07	1018	-37.2	70	360 03	0137	-33.2	67	368 05	0520	-28.6	70	002 06	0910	-28.4	68	015 04
08	1020	-36.3	47	310 21	0184	-35.0	49	334 07	0520	-27.7	62	360 13	0918	-26.5	57	004 08
09	1019	-39.4	360 09	0156	-37.2	57	342 08	0520	-28.2	63	343 16	0906	-28.4	69	006 18	
10	1019	-37.9	360 09	0156	-34.3	61	350 10	0520	-28.2	66	355 12	0909	-26.4	71	008 15	
11	1005	-40.7	350 15	0067	-39.5	351 15	0430	-32.5	63	358 13	0809	-31.9	67	005 14		
12	0993	-36.6	45 000 00	-018	000 00	000 00	0350	-35.3	48	105 01	0715	-36.9	53	058 01		
13	1007	-41.3	000 00	0075	-40.4	000 00	0440	-33.4	31	108 06	0810	-33.7	32	090 08		
14	1008	-38.2	200 02	0087	-38.1	200 02	0450	-32.3	58	337 04	0827	-30.9	64	356 05		
15	1004	-40.6	000 00	0057	-39.8	000 00	0420	-29.2	63	340 03	0805	-27.5	64	008 04		
16	0993	-27.8	76 360 03	-018	000 00	000 00	0390	-30.4	72	016 06	0731	-29.5	70	306 11		
17	0994	-27.4	77 290 05	-011	000 00	000 00	0370	-30.0	71	314 13	0754	-18.9	76	330 18		
18	1002	-29.6	75 310 17	0043	-29.7	75 310 17	0430	-20.2	71	334 18	0812	-21.2	73	335 17		
19	1012	-33.8	53 310 10	0110	-34.4	56 332 09	0480	-30.0	62	348 09	0858	-26.8	68	343 12		
20	1021	-36.2	70 330 08	0174	-36.1	71 352 11	0540	-26.2	76	352 16	0936	-23.8	78	347 17		
21	1023	-35.8	71 000 00	0186	-35.1	67 000 00	0560	-24.7	70 000 00	0948	-23.3	71 000 00	0948	-23.3	71 000 00	
22	1021	-32.6	64 040 05	0177	-34.0	60 035 08	0560	-21.2	63 033 14	0946	-14.6	63 033 14	0946	-14.6	63 033 14	
23	1028	-34.5	51 140 05	0224	-34.7	56 162 13	0610	-24.9	58	183 14	0988	-18.8	49	177 09		
24	1026	-33.3	63 000 00	0211	-26.9	62 000 00	0600	-16.2	77 300 07	1003	-12.2	82	312 07			
25	1017	-23.3	64 000 00	0196	-20.9	63 000 00	0540	-10.6	76 280 03	0960	-10.4	87	006 04			
26	1012	-36.2	59 045 01	0111	-36.1	60 023 03	0480	-33.0	64 352 11	0815	-30.0	68	501 14			
27	1004	-27.9	65 000 00	0055	-28.1	63 000 00	0430	-28.0	42 000 00	0820	-20.6	64 000 00	0820	-20.6	64 000 00	
28	1008	-22.2	81 000 00	0061	-22.3	79 000 00	0440	-24.8	72 000 00	0827	-28.7	69 000 00	0827	-28.7	69 000 00	
29	1018	-26.1	68 000 00	0158	-23.1	63 000 00	0550	-15.6	27 000 00	0950	-15.6	27 000 00	0950	-15.6	27 000 00	
30	1021	-31.4	73 360 07	0176	-28.6	72 017 07	0540	-23.8	65 031 11	0945	-21.9	49 018 10	0945	-21.9	49 018 10	
31	1021	-36.6	45 000 00	0177	-31.5	43 000 00	0550	-25.9	40 327 04	0937	-23.9	A18 313 05	0937	-23.9	A18 313 05	
MN	1014	-34.3	62 *	0124	-32.8	60 *	496	-26.7	61 *	882	-24.7	62 *	882	-24.7	62 *	882

* Statistical Value for Relative Humidity.

* Vector Mean Wind

- Entered under Wind Direction indicates a Stratum of Missing Wind 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	1335	-21.9	74	328 02	1781	-23.2	74	271 02	2250	-25.8	74	233 02	2749	-28.5	74	250 04
02	1337	-22.1	69	218 03	1782	-24.0	67	234 02	2260	-26.1	63	221 06	2746	-29.7	57	231 06
03	1351	-18.8	39	057 08	1803	-19.9	28	063 08	2270	-23.0	A18 065	09	2779	-27.0	29	064 11
04	1333	-28.1	73	125 07	1768	-30.1	75	124 06	2230	-31.8	73	112 09	2713	-31.8	60	100 13
05	1318	-32.5	68	104 09	1746	-32.6	69	100 08	2200	-33.8	67	098 10	2681	-35.8	63	102 19
06	1319	-32.7	71	147 06	1747	-32.0	70	153 06	2210	-32.6	70	142 07	2686</			

JANUARY 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR65B RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS										
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind							
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.							
01	3840	-35	0	69	224	06	5090	-42	9	-	193	06	6564	-52	6	190	04	8385	-60	4	102	04	
02	3828	-37	3	44	218	09	5063	-46	0	193	06	6514	-56	1	203	04	8312	-60	8	122	12		
03	3869	-36	0	39	119	10	5109	-45	9	118	09	6559	-57	3	126	14	8358	-61	3	122	12		
04	3790	-38	4	41	090	19	5021	-46	3	091	19	6473	-55	5	094	23	8286	-58	5	096	11		
05	3739	-41	7	098	14	4958	-48	1	097	14	6408	-54	4	099	18	8242	-54	1	099	07			
06	3746	-41	2	120	08	4964	-48	9	124	10	6406	-55	5	109	08	8253	-53	8	123	07			
07	3752	-42	1	104	08	4970	-47	6	113	07	6420	-54	6	127	16	8262	-54	7	093	03			
08	3765	-40	3	081	05	4991	-47	0	059	04	6438	-56	1	059	06	8262	-54	7	059	05			
09	3776	-40	6	046	05	4999	-47	1	033	09	6449	-56	9	034	10	8275	-52	9	020	08			
10	3765	-39	9	64	4987	-48	0	330	17	6437	-52	9	338	15	8277	-53	8	354	13				
11	3648	-40	7	318	19	4882	-44	4	4802	-44	0	6356	-50	9	8226	-50	2	354	13				
12	3585	-40	8	4804	-48	0	4884	-48	0	6271	-48	0	8183	-45	0	6371	-45	9	6371	-45	9		
13	3602	-35	2	A21	080	24	4863	-39	2	A22	082	14	6543	-52	0	063	10	8369	-56	9	036	15	
14	3757	-25	7	070	21	5051	-36	0	39	6570	-46	1	6477	-52	3	015	17	8291	-62	0	352	20	
15	3781	-28	6	31	083	13	5059	-39	7	6464	-51	6	6519	-46	4	016	16	8378	-59	1	014	32	
16	3737	-31	8	67	4971	-39	9	358	17	6519	-46	4	277	14	8325	-54	5	299	13	305	14		
17	3701	-30	9	71	347	16	4971	-39	9	260	16	6465	-50	5	024	20	8437	-59	7	395	15		
18	3724	-30	7	61	5001	-36	1	59	6519	-46	4	014	15	6616	-51	4	024	20	8437	-59	7	395	15
19	3728	-36	0	54	270	19	4971	-39	9	260	16	6465	-50	5	024	20	8437	-59	7	395	15		
20	3868	-33	0	62	358	10	5129	-40	3	014	15	6616	-51	4	024	20	8437	-59	7	395	15		
21	3875	-33	5	60	5133	-42	2	6619	-49	3	307	10	8580	-59	0	347	11	8538	-60	4	348	12	
22	3996	-25	5	A19	030	13	5294	-34	0	A21	006	29	6838	-41	0	359	28	8740	-54	5	343	04	
24	4028	-25	8	A19	316	05	5331	-33	7	55	326	05	6871	-43	0	345	04	8756	-55	4	343	04	
25	4020	-28	6	68	290	11	5300	-38	9	63	300	09	6803	-47	0	288	16	8706	-46	4	306	17	
26	3945	-27	5	58	313	12	5234	-36	3	49	309	13	6746	-47	2	301	18	8625	-48	7	318	18	
27	3794	-27	8	66	648	-35	8	61	5086	-35	8	61	5086	-35	8	015	17	8291	-62	0	352	20	
28	3762	-28	9	66	5040	-37	5	57	6556	-46	4	016	16	8378	-59	1	016	16	8378	-59	1	014	32
29	3897	-27	2	55	5185	-37	4	54	6689	-38	7	014	15	6616	-51	4	277	14	8325	-54	5	299	13
30	3938	-30	1	72	298	12	5209	-37	4	66	309	12	6721	-46	0	307	10	8580	-59	0	289	19	
31	3905	-33	2	A20	342	08	5175	-37	4	A22	360	07	6685	-46	6	347	11	8538	-60	4	348	12	
MN	3805	-33	8	52	*	5063	-41	5	45	*	6548	-50	3	*	20	06	8398	-55	5	*			

Day	200 MBS				150 MBS				100 MBS				70 MBS									
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind						
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.						
01	10941	-57	9	070	05	12750	-59	7	097	04	15262	-64	2	053	05	17428	-68	1	065	10		
02	10859	-56	9	110	03	12676	-59	1	071	04	15203	-63	0	025	07	17369	-68	0	002	09		
03	10919	-55	2	110	03	12755	-56	2	052	04	15312	-60	2	025	07	17512	-65	1	002	09		
04	10873	-53	6	060	04	12721	-54	9	052	04	15292	-59	1	357	11	17503	-64	0	344	16		
05	10860	-51	8	060	04	12721	-52	8	018	06	15312	-57	6	339	17	17557	-59	0	346	21		
06	10863	-50	9	059	03	12736	-51	8	348	07	15365	-52	0	342	13	17668	-54	4	337	23		
07	1092	-49	7	349	04	12776	-49	3	345	05	15426	-50	7	315	12	17785	-51	8	309	19		
08	10901	-49	5	345	03	12789	-48	8	321	06	15454	-48	4	315	12	17805	-49	0	337	19		
09	10923	-48	1	331	07	12820	-47	7	320	09	15495	-47	8	310	16	17853	-49	2	305	14		
10	10917	-49	9	331	11	12805	-47	7	320	09	15495	-47	8	310	16	17853	-49	2	305	14		
11	10893	-47	8	331	11	12794	-47	2	337	11	15486	-47	9	319	18	17840	-48	6	306	17		
12	10897	-44	5	331	11	12820	-45	9	337	11	15486	-47	9	319	18	17840	-48	6	306	17		
13	10917	-49	2	331	11	12805	-48	9	337	11	15486	-47	9	319	18	17840	-48	6	306	17		
14	11002	-52	5	331	11	12863	-52	3	337	11	15491	-51	1	313	24	17827	-48	4	311	38		
15	10945	-53	2	015	09	12798	-53	0	330	09	15422	-50	6	312	19	17751	-50	8	303	23		
16	10869	-53	0	032	14	12728	-51	1	330	09	15365	-51	8	312	19	17672	-52	9	306	35		
17	10857	-54	1	332	14	12710	-53	0	305	14	15317	-54	5	316	29	17596	-55	4	306	35		
18	10906	-56	3	319	11	12737	-55	4	313	21	15309	-56	8	313	24	17566	-57	5	311	38		
19	10930	-54	1	305	14	12730	-51	6	313	21	15349	-57	6	313	24	17588	-58	4	311	38		
20	11004	-52	7	333	26	12836	-57	0	313	21	15407	-57	0	313	24	17664	-56	1	311	38		
21	11121	-52	7	333	26	12970	-55	0	313	21	15553	-54	4	313	24	17826	-54	7	311	38		
22	11340	-55	1	360	11	13202	-51	2	337	13	15831	-52	4	345	16	18121	-54	6	358	25		
24	11396	-47	8	360	11	13296	-48	2	337	13	15960	-49	5	348	24	18287	-51	8	356	30		
25	11423	-43	9	331	17	13344	-46	0	334	24	16029	-48	8	346	24	18359	-51	8	338	20		
26	11328	-44	9	336	20	13250	-45	5	325	27	15938	-48	3	346	24	18257	-53	3	338	20		
27	11157	-48	1	336	20	13054	-46	1	325	27	15726	-50	1	346	24	18257	-53	3	338	20		
28	11010	-55	0	336	20	12846	-55	0	325	27	15726	-50	1	346	24	18257	-53	3	338	20		
29	11059	-58	5	336	20	12859	-60	7	325	27	15726	-50	1	346	24	18257	-53	3	338	20		
30	11074	-62	4	323	13	12853	-62	8	337	13	15364	-64	3	345	16	17445	-71	8	358	14		
31	11022	-64	1	334	11	12778	-64	0	331	10	15242	-68	3	346	13	17362	-72	5	345	14		
MN	11003	-52	5	*	12862	-52	7	*	15473	-54	4	*	17745	-56	1	*						

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS								
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind					
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.					
01	3826	-36	2	67	205	04	5067	-44	3	210	05	6532	-53	4	169	03	8345	-60	1	084	05
02	3839	-37	2	39	209	11	5074	-46	3	190	10	6523	-57	1	184	09	8322	-59	2	147	07
03	3839	-36	4	59	085	16	5082	-45	2	086	17	6538									

FEBRUARY 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.

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	1017	-35.1	61	120	02	0147	-32.2	59	160	04	0520	-26.7	51	226	10	0908	-23.5	45	242	11	
02	1009	-26.1	73	160	05	0093	-26.2	71	166	06	0470	-23.4	74	231	10	0865	-21.2	77	239	11	
03	1002	-28.8	75	150	06	0044	-28.9	73	133	06	0410	-31.4	69	173	10	0795	-25.2	73	173	13	
04	1001	-29.9	55	000	00	0039	-29.9	56	000	00	0410	-30.3	62	002	03	0791	-26.0	67	330	02	
05	1008	-39.9	1	000	00	0085	-39.1	1	000	00	0450	-31.9	61	274	07	0827	-31.0	66	276	06	
06	1008	-34.9	50	210	04	0088	-34.7	50	217	04	0450	-32.8	57	277	07	0828	-25.7	66	278	12	
07	1015	-41.6	0	000	00	0129	-37.8	4	000	00	0500	-29.1	59	303	03	0878	-26.9	43	301	06	
08	1018	-33.9	53	000	00	0183	-33.0	59	000	00	0510	-26.8	68	296	06	0904	-22.1	75	297	08	
09	1008	-28.3	76	160	08	0090	-28.6	74	165	09	0470	-21.1	57	204	14	0861	-22.1	54	217	16	
10	1003	-27.8	60	000	00	0054	-27.6	58	000	00	0430	-26.4	62	342	08	0816	-24.9	67	346	07	
11	1016	-39.1	8	310	03	0140	-35.2	54	314	04	0500	-27.9	68	318	09	0892	-26.7	73	313	10	
12	1020	-37.7	360	08	0167	-32.8	67	-	-	-	0540	-30.0	69	-	-	0916	-29.1	61	-	-	
13	1019	-39.9	340	13	0160	-32.0	62	345	13	0530	-26.1	70	347	16	0918	-26.5	72	72	71		
14	1011	-38.7	310	06	0106	-39.2	325	09	0470	-35.2	66	354	16	0842	-29.8	68	-	-	-	-	
15	1006	-26.3	73	0074	-26.5	73	0040	-27.8	72	0835	-23.1	73	-	-	-	-	-	-	-	-	-
16	1006	-23.8	71	320	09	0077	-24.0	71	320	09	0460	-23.5	74	348	13	0858	-16.9	75	358	19	
17	1005	-25.4	69	340	04	0069	-24.4	69	341	05	0450	-18.7	73	034	08	0850	-19.7	73	018	10	
18	1014	-34.4	61	090	01	028	-31.2	57	-	-	0500	-20.7	68	-	-	0898	-21.7	71	-	-	
19	1005	-35.7	71	350	11	0067	-36.1	72	350	11	0430	-29.4	72	008	12	0814	-31.5	74	010	10	
20	1004	-35.8	59	110	12	0060	-35.9	63	-	-	0430	-29.2	64	-	-	0823	-20.8	66	-	-	
21	1011	-39.3	350	09	0103	-35.5	62	352	09	0480	-26.4	64	356	14	0864	-24.2	69	354	16		
22	1011	-42.3	0	000	00	0106	-37.8	46	000	00	0480	-24.2	67	339	09	0871	-22.4	69	330	09	
23	1003	-42.2	0	000	00	0050	-40.7	0	000	00	0420	-26.4	67	330	07	0806	-24.5	69	329	08	
24	0994	-34.5	61	240	04	-0.13	-	-	-	0360	-36.3	66	244	04	0720	-34.1	68	267	05		
25	0994	-35.4	71	140	08	0000	-	-	-	0370	-33.8	71	-	-	0753	-33.9	73	72	-	-	
26	0977	-34.8	62	140	10	0010	-	-	-	0380	-34.0	65	162	14	0747	-33.8	68	173	14		
27	1008	-38.8	0	000	00	0086	-35.2	2	000	00	0450	-33.0	50	135	05	0828	-30.4	56	116	04	
28	1013	-43.8	0	000	00	0119	-37.2	31	000	00	0470	-32.7	42	322	04	0860	-30.0	48	314	04	
MN	1008	-34.7	65	*	86	-32.9	60	*	456	-28.3	65	*	841	-26.0	67	*					

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	1327	-23.0	34	254	10	1773	-22.3	A18	233	12	2250	-23.9	A18	232	11	2750	-24.7	A18	252	14	
02	1286	-23.0	73	220	11	1728	-27.0	72	215	11	2200	-24.9	68	241	13	2696	-24.2	61	241	19	
03	1214	-22.3	74	167	14	1662	-20.7	74	182	10	2140	-23.0	72	171	09	2641	-25.8	70	170	14	
04	1204	-25.4	69	322	03	1643	-28.9	74	336	04	2110	-27.0	62	323	05	2602	-28.7	54	305	05	
05	1232	-31.9	67	270	07	1661	-32.8	68	269	08	2110	-34.8	67	263	08	2593	-37.1	66	250	09	
06	1241	-26.9	68	281	15	1678	-27.2	72	278	18	2160	-26.9	73	281	15	2640	-28.6	74	280	17	
07	1291	-25.5	34	302	08	1732	-25.8	59	315	09	2210	-26.2	60	322	13	2697	-27.9	62	326	10	
08	1325	-22.2	77	294	10	1770	-23.6	78	292	11	2250	-25.6	79	287	11	2738	-28.2	75	289	18	
09	1284	-20.3	65	340	14	1735	-19.9	74	243	14	2210	-21.9	77	254	14	2717	-23.1	77	262	16	
10	1230	-25.8	69	304	05	1671	-24.8	71	323	05	2160	-24.9	72	296	07	2643	-24.5	72	294	11	
11	1304	-27.1	72	311	12	1742	-27.7	68	312	13	2210	-28.0	73	311	14	2699	-30.3	63	306	14	
12	1324	-29.4	67	-	-	1758	-29.1	61	-	-	2220	-30.8	65	-	-	2704	-34.1	63	357	16	
13	1329	-29.0	71	-	-	1761	-31.8	70	-	-	2220	-29.0	64	-	-	2713	-31.5	62	-	-	
14	1249	-30.1	69	-	-	1681	-31.2	68	-	-	2150	-32.3	66	-	-	2624	-34.3	64	-	-	
15	1254	-21.0	73	-	-	1705	-19.4	74	-	-	2190	-21.9	72	-	-	2688	-24.5	70	-	-	
16	1285	-19.4	75	006	21	1733	-23.4	73	006	19	2220	-21.6	76	359	19	2709	-23.2	71	-	-	
17	1273	-22.1	73	006	10	1717	-25.4	77	358	11	2200	-23.1	74	354	11	2669	-23.2	53	353	11	
18	1319	-22.1	72	-	-	1766	-22.1	72	-	-	2240	-24.4	71	-	-	2738	-27.0	69	-	-	
19	1227	-24.3	78	347	14	1670	-23.9	78	341	19	2160	-24.3	74	350	16	2641	-27.5	73	335	12	
20	1249	-17.5	68	-	-	1702	-20.3	63	-	-	2180	-20.2	56	345	16	2622	-26.8	53	110	01	
21	1282	-21.8	60	355	13	1730	-20.7	37	347	08	2210	-23.1	A18	336	04	2708	-25.4	A18	310	03	
22	1290	-23.4	65	325	08	1735	-25.2	58	321	07	2220	-23.8	60	310	10	2707	-23.6	A18	290	08	
23	1223	-23.9	66	341	07	1666	-24.6	50	335	07	2150	-26.3	43	333	08	2631	-29.0	47	337	08	
24	1124	-29.6	72	279	08	1559	-27.0	77	284	08	2030	-27.5	76	323	04	2522	-26.8	71	041	05	
25	1135	-33.1	75	-	-	1565	-30.4	74	-	-	2030	-30.4	73	-	-	2515	-31.1	71	-	-	
26	1149	-32.5	62	183	10	1577	-31.9	70	183	10	2040	-30.6	69	179	09	2523	-32.3	68	166	06	
27	1235	-29.6	59	095	04	1667	-30.9	47	047	02	2140	-32.2	48	047	04	2609	-32.7	44	018	06	
28	1268	-28.8	49	317	06	1703	-28.9	47	341	07	2180	-29.1	50	353	09	2656	-30.0	60	006	12	
MN	1255	-25.4	66	*300	05	1696	-26.0	65	*	2171	-26.3	63	*	2660	-27.9	60	*296	07			

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	1012	-27.6	76	180	07	0116	-26.9	74	187	07	0500	-23.4	78	220	10	0888	-21.0	79	235	13
02	1007	-31.4	66	150	04	0076	-31.5	67	153	05	0450	-23.5	71	200	10	0840	-20.0	53	211	12
03	1000	-29.4	69	180	01	0033	-29.4	69	180	01	0400	-31.8	68	191	04	0781	-30.4	74	196	05
04	1005	-37.9	0	000	00	0065	-35.5	0	000	00	0430	-29.6	63	320	02	0813	-28.4	72	338	03
05	1008	-41.7	170	05	0086	-39.6	185	06	0450	-31.8	61	236	13	0828	-30.3	68	254	16		
06	1011	-38.7	0	000	00	0103	-36.7	41	000	00	0470	-31.1	58	311	05	0849	-29.0	66	330	05
07	1016	-38.2	0	000	00	0141	-34.9	36	000	00	0520	-26.8	57	259	08	0898	-23.2	65	276	10
08	1014	-34.1	53	080	02	0127	-31.9	37	120	03	0500	-21.0	66	209	05					

FEBRUARY 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR65B RDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION
76074 78°47'N 103°32'W 30 METERS

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS				
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	
01	3861	-28.16	44	277 13	5147	-36.7	56	278 12	6655	-48.3	286	14	8495	-61.16	292	15	
02	3810	-28.16	56	250 20	5095	-37.1	63	247 22	6599	-48.5	251	22	8438	-61.18	254	24	
03	3742	-33.0	64	166 08	5001	-41.0	160	06	6489	-49.5	213	10	8328	-59.8	225	14	
04	3693	-34.6	54	276 07	4949	-41.8	240	11	6427	-52.2	228	16	8249	-62.0	228	23	
05	3645	-42.9	242	14	4858	-48.8	238	16	6304	-55.3	250	15	8127	-56.9	261	14	
06	3723	-35.6	71	4977	-42.7	6450	-52.3	8269	-60.6	308	21	8357	-62.7	282	14		
07	3791	-33.4	50	320 18	5051	-41.0	317	21	6533	-51.4	263	10	8357	-62.7	282	14	
08	3830	-33.9	76	291 20	5090	-41.2	299	25	6578	-49.9	298	11	8310	-61.0	287	15	
09	3828	-31.9	72	265 19	5107	-37.7	63	279	24	6607	-49.0	314	13	8225	-60.2	318	14
10	3753	-31.3	68	284 11	5017	-41.3	272	08	6495	-51.4	298	11	8310	-61.0	287	15	
11	3781	-36.9	48	314 11	5022	-44.0	309	11	6492	-52.4	298	11	8310	-61.0	287	15	
12	3766	-41.4	34	347 15	4984	-49.3	316	13	6426	-55.0	314	13	8225	-60.2	318	14	
13	3791	-37.2	56	4984	-49.3	6476	-55.0	6394	-59.5	8211	-59.8	8360	-63.0	8655	-60.4	002	04
14	3694	-38.9	64	5028	-46.0	6394	-59.5	8211	-59.8	8360	-63.0	8655	-60.4	002	04		
15	3797	-30.8	66	5065	-41.2	53	53	6614	-48.8	8655	-60.4	002	04				
16	3825	-28.6	59	5110	-37.8	011	10	6566	-49.8	355	11	8403	-60.9	002	04		
17	3808	-29.3	A19 346	14	5081	-40.1	011	10	6566	-49.8	355	11	8403	-60.9	002	04	
18	3831	-35.9	66	-	5076	-44.7	023	11	8346	-61.0	023	11	8346	-61.0	027	15	
19	3734	-34.7	68	348 14	4986	-42.7	329	11	6464	-51.6	347	16	8291	-60.0	002	15	
20	3797	-30.8	44	135 04	5068	-39.8	168	06	6556	-52.5	195	10	8373	-61.0	087	06	
21	3818	-30.2	A20 231	09	5090	-40.1	226	15	6578	-50.5	207	12	8408	-60.5	179	05	
22	3818	-30.3	A20 256	06	5094	-37.9	A22	203	10	6603	-46.6	192	20	8452	-60.4	191	24
23	3723	-33.8	A21 356	03	4984	-40.3	140	09	6479	-49.6	148	14	8225	-60.2	148	16	
24	3622	-32.2	34	368 13	4887	-40.3	065	16	6379	-49.4	070	31	8320	-58.4	068	30	
25	3602	-32.7	47	-	4864	-40.9	004	11	6351	-51.0	020	16	8181	-60.1	009	17	
26	3604	-35.4	67	059 03	4852	-43.3	012	04	6323	-53.0	325	08	8154	-57.0	035	06	
27	3684	-37.4	A22 028	12	4923	-44.8	023	20	6387	-53.2	021	25	8210	-58.7	012	13	
28	3742	-35.2	62	360 15	4992	-42.9	360	16	6465	-52.6	349	21	8281	-62.7	347	24	

MN 3754 -33.8 51 * 5012 -41.8 51 297 06 6492 -51.4 313 04 8318 -60.5 313 04

Day	200 MBS				150 MBS				100 MBS				70 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	10969	-63.4	278	14	12743	-63.1	295	10	15218	-66.7	296	14	17360	-69.9	306	13
02	10900	-64.4	231	17	12668	-63.6	248	10	15147	-66.2	245	16	17246	-70.7	243	15
03	10832	-61.2	239	20	12619	-61.4	240	16	15047	-65.9	246	20	17195	-69.5	244	14
04	10767	-59.8	275	14	12561	-61.8	273	18	15004	-65.3	272	17	17158	-68.5	268	22
05	10701	-56.9	284	23	12507	-60.9	276	25	15047	-65.9	276	25	17158	-68.5	268	22
06	10800	-58.5	285	23	12598	-61.3	281	22	15096	-64.3	276	26	17424	-65.2	276	35
07	10868	-59.9	285	18	12648	-61.3	281	22	15163	-63.9	276	21	17341	-66.7	276	35
08	10922	-59.3	312	13	12580	-60.7	306	14	15090	-63.6	300	16	17272	-65.2	307	25
09	10941	-58.0	284	23	12584	-60.0	276	25	15110	-62.9	276	26	17302	-64.1	276	35
10	10896	-56.6	285	18	12596	-58.3	348	17	15140	-62.9	342	24	17368	-60.3	342	25
11	10849	-57.4	312	13	12596	-58.3	340	06	15188	-60.5	352	10	17368	-60.3	342	25
12	10777	-57.5	070	03	12624	-62.5	015	08	15048	-65.4	338	10	17206	-67.2	331	20
13	10782	-58.7	038	07	12596	-58.3	015	08	15048	-65.4	338	10	17206	-67.2	331	20
14	10781	-58.8	070	03	12624	-62.5	015	08	15048	-65.4	338	10	17206	-67.2	331	20
15	10868	-59.4	360	12	12511	-62.1	013	06	14999	-65.2	345	11	17157	-67.9	337	19
16	10965	-59.7	345	14	12519	-61.2	353	13	15015	-65.2	345	11	17157	-67.9	337	19
17	10905	-59.1	350	15	12718	-57.1	356	14	15284	-58.9	328	13	15108	-62.5	340	21
18	10896	-57.5	013	15	12741	-57.2	013	15	15284	-58.9	328	13	15108	-62.5	340	21
19	10857	-56.9	002	17	12673	-58.6	016	15	15286	-60.2	354	28	17499	-62.6	341	32
20	10921	-57.1	013	15	12741	-57.2	016	15	15286	-60.2	354	28	17499	-62.6	341	32
21	10945	-57.3	357	09	12759	-59.4	348	17	15273	-63.8	348	17	17388	-65.1	330	31
22	10950	-60.8	302	07	12737	-61.6	308	07	15229	-65.3	326	19	17388	-65.1	330	31
23	10836	-59.5	070	03	12624	-62.5	340	06	15100	-67.3	332	10	17238	-69.2	324	25
24	10762	-59.0	038	07	12596	-58.3	015	08	15048	-65.4	338	10	17206	-67.2	331	20
25	10718	-59.2	360	12	12511	-62.1	013	06	14999	-65.2	345	11	17157	-67.9	337	19
26	10720	-58.2	345	14	12519	-61.2	353	13	15015	-65.2	345	11	17157	-67.9	337	19
27	10767	-57.3	354	14	12584	-58.9	328	13	15108	-62.5	340	21	17305	-62.1	339	28
28	10826	-55.7	310	08	12662	-58.3	318	18	15256	-53.8	326	30	17556	-53.4	330	29

MN 10847 -58.8 * 12649 -60.2 * 15164 -62.8 * 17357 -64.9 *

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS				
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	
01	3837	-28.2	72	261 18	5123	-37.0	66	279 16	6630	-48.5	286	14	8466	-62.8	292	15	
02	3797	-30.9	51	237 23	5065	-39.9	65	279 16	6630	-48.5	286	14	8466	-62.8	292	15	
03	3697	-32.0	68	246 03	4960	-40.9	271	05	6444	-50.6	240	08	8271	-61.5	241	14	
04	3678	-38.0	68	246 13	4917	-45.2	243	16	6377	-54.9	241	16	8185	-61.2	240	16	
05	3695	-36.8	69	302 13	4935	-45.7	313	21	6391	-54.6	318	21	8196	-63.0	318	21	
06	3735	-35.6	43	315 15	4985	-42.6	313	18	6463	-51.7	303	19	8286	-62.2	314	19	
07	3823	-34.1	70	294 26	5081	-41.2	61	61	6566	-51.3	338	15	8385	-61.3	338	15	
08	3834	-31.4	70	295 17	5104	-39.1	293	24	6596	-50.5	296	23	8428	-61.6	296	23	
09	3801	-28.5	73	256 09	5081	-38.8	66	254	09	6573	-51.3	251	14	8389	-63.4	266	17
10	3767	-35.2	A21 311	14	5020	-42.3	310	19	6502	-51.0	300	21	8334	-58.4	300	21	
11	3770	-38.3	A22 357	07	5003	-45.8	340	07	6464	-53.7	327	08	8277	-61.4	297	10	
12	3785	-39.1	66	315 15	5018	-45.9	61	61	6474	-53.3	327	08	8277	-61.4	297	10	
13	3713	-39.4	63	4940	-47.9	6381	-56.4	8181	-59.5	8181	-59.5	8181	-59.5	8181	-59.5	8181	-59.5
14	3772	-34.0	70	5032	-41.6	6513	-51.4	8320	-65.7	8320	-65.7	8320	-65.7	8320	-65.7	8320	-65.7
15	3805	-30.3	68	5076	-39.9	6565	-50.0	8388	-62.2	8388	-62.2	8388	-62.2	8388	-62.2	8388	-62.2
16	3804	-29.1	37	062													

ISACHSEN, N.W.T.

FEBRUARY 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.

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01	19351	-72.8		320 12	22322	-76.1		317 13								
02	19279															
03	19222	-74.9		251 13	22151											
04	19187	-72.7		252 17	22150	-77.6		247 13	24474	-77.6						
05	19160	-71.6		278 17	22149	-74.9		266 23								
06	19251	-71.9			22236											
07	19320	-71.7			22279											
08	19381	-70.8			22379	-74.8										
09	19469	-68.7			22515	-70.6		24914	-72.0							
10	19463	-65.5														
11	19377	-66.3			22484	-64.0										
12	19315	-66.7		300 34	22419	-65.7		24905	-62.1							
13	19355	-65.3			22482	-62.8		24996	-60.5							
14	19477	-57.9														
15	19516	-57.1			22765	-56.3										
16	19688	-56.2			22953	-52.9		25545	-54.7							
17	19687	-54.3			22969	-55.3		25562	-54.9							
18	19645	-57.5			22877	-57.4		25434	-58.5							
19	19527	-61.0			22706	-61.0		25223	-61.6							
20	19571	-63.0														
21	19505	-65.2		327 43	22619	-65.3		321 70								
22	19407	-68.8		321 36	22451	-70.2		319 65								
23	19243	-70.3		318 29	22266											
24	19228	-68.4		322 23	22280	-69.1		329 41	24714	-67.3	332 56					
25	19171	-68.6		329 21	22241											
26																
27	19395	-60.3		331 56	23004	-54.5		25623	-52.9							
28	19717	-54.0														
MN	19404	-65.4	*		22487	-65.2	*	25139	-62.2	*					*	

CONSTANT PRESSURE DATA

12 GMT.

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01	19307	-73.8														
02																
03																
04	19166	-72.3			22141											
05	19174	-71.5			22164	-75.1										
06	19255	-70.9			22227	-77.2										
07	19355	-72.8			22310	-77.4										
08	19467	-69.7			22478	-74.2										
09	19467	-68.8			22535	-70.3										
10	19422	-65.7			22517	-64.4		24987	-64.1							
11	19352	-66.0		297 51	22453	-64.4		24952	-61.1							
12	19381	-64.2			22515	-62.2		25034	-60.3							
13	19352	-61.4			22542	-58.2		25092	-59.1							
14	19455	-57.8														
15	19609	-56.0			22869	-56.3		25456	-54.1							
16	19701	-53.7			22983	-54.5		25580	-54.8							
17	19690	-55.9		337 31	22949	-55.8		25528	-56.4							
18	19611	-58.1			22812	-58.8		25360	-60.0							
19	19511	-61.5		337 38	22679											
20	19547	-64.6		330 42	22673	-61.9	322 66	25175	-63.3							
21	19483	-66.4		326 44	22574	-67.1	322 58									
22	19311	-70.5		323 32												
23	19305	-68.1		329 26	22362	-69.4	327 36									
24	19221	-68.4		330 23	22285	-67.3	330 38	24748	-64.7							
25	19120	-69.7		335 19												
26	19257	-66.8		325 31	22374	-63.4	334 54	24882	-60.5							
27	19534	-55.2			22800	-55.8		25386	-53.3							
28	19828	-52.4			23133											
MN	19419	-64.6	*		22563	-65.0	*	25182	-59.3	*					*	

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																				
	hPa	Q	W	WV	OPPP	Alt. Optm.	Pres Mb.	Alt. Optm.	Pres Mb.	hPa	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	hPa	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	hPa	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	hPa	Alt. Optm.	Pres Mb.	Velocity Deg. Mps.
01	60950	02	7 16	0						1 09-50	294	-66.2	306	0						9 08-75	288	291	16					
02	874	71	7 08	0						1 09-67	244	-68.2	307	0						1 07-63	340	249	26					
03	855	10	7 08	0						1 09-26	237	-64.6	307	0						9 09-82	235	216	17					
04	855	10	7 08	0						1 08-43	290	-62.7	300	0						9 07-22	358	232	25					
05	55500	10	2 06	0						1 06-69	376	-57.3	285	2	11.66	172	-59.4	393	1 23-10	826	267	36						
06	45500	10	0 00	0						2 07-74	326	-60.0	293	2	16.58	078	-68.3	424	1 03-71	602	284	26						
07	00900	02	1 09	0						1 08-62	277	-64.6	301	0						4 07-16	365	306	32					
08	25500	10	8 01	0						1 08-99	273	-63.9	303	0						1 05-99	437	302	33					
09	855	10	7 20	0						2 08-79	283	-64.6	299	0						1 06-52	406	278	36					
10	65500	10	2 03	0						2 07-58	337	-57.3	294	0						1 17-80	066	247	37					
11	15600	10	5 00	0						2 08-60	286	-61.2	303	0						8 15-62	093	282	28					
12	00900	38	0 00	0						1 08-02	310	-62.8	293	0						1 22-22	031	293	50					
13	45500	38	0 00	0						1 07-72	327	-65.2	286	0						1 00-84	910	348	20					
14	65500	38	7 14	0						1 07-92	313	-60.3	296	0						1 00-48	949	355	16					
15	9-0	39	8 15	0						1 08-84	276	-64.1	302	0						0								
16	864	70	7 10	0						2 08-90	278	-63.3	302	0						2 01-04	878	001	22					
17	45500	10	2 11	0						1 09-12	266	-65.3	303	0						8 15-73	093	339	46					
18	00900	02	2 06	0						1 08-47	294	-61.2	301	0						5 05-29	484	020	17					
19	64400	38	7 18	0						1 08-20	304	-60.9	298	0						1 13-00	142	253	27					
20	00900	38	2 06	0						2 07-60	340	-59.6	291	0						1 19-35	052	342	38					
21	00900	10	0 07	0						1 08-74	283	-62.0	303	0						1 22-62	030	323	70					
22	00900	10	7 05	0						1 09-12	268	-65.0	303	0						1 24-03	023	312	77					
23	25600	10	8 06	0						2 09-10	263	-63.6	307	0						1 21-60	034	332	49					
24	864	77	7 10	0						1 08-72	276	-59.7	308	0						9 24-07	023	330	59					
25	25500	10	7 10	0						1 08-36	291	-60.5	303	0						1 21-72	033	346	52					
26	66400	38	3 14	0						2 07-20	349	-56.5	293	0						7 09-52	241	339	17					
27	10870	02	2 15	0					</																			

MARCH 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.

Table with columns for Day, Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and pressure levels (SURFACE, 1000 MBS, 950 MBS, 900 MBS). Rows 01-31.

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and pressure levels (850 MBS, 800 MBS, 750 MBS, 700 MBS). Rows 01-31.

CONSTANT PRESSURE DATA

12 GMT.

Table with columns for Day, Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and pressure levels (SURFACE, 1000 MBS, 950 MBS, 900 MBS). Rows 01-31.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and pressure levels (850 MBS, 800 MBS, 750 MBS, 700 MBS). Rows 01-31.

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

MARCH 1961

STATION INSTRUMENTATION

USWB type radiocade, 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 Altitude, Temp., R.H., and Wind for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data for various altitudes and times.

Table with columns for Altitude, Temp., R.H., and Wind for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for various altitudes and times.

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 altitudes and times.

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

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

SPECIAL AEROLOGICAL DATA

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01	19927	-50.0			23263	-49.9										
02	19989	-47.8			23378	-44.6			26078	-45.4						
03	20044	-44.2		299 32	23452	-47.0		292 33	26123	-47.2		294 34				
04	20039	-46.5		286 31												
05	19994	-45.6		282 30												
06	20060	-42.9		283 28	23500											
07	20165	-42.3		293 16	23617	-41.9		293 22								
08	20199	-41.8			23681	-39.5			26454	-40.3						
09	20253	-38.3		276 18	23736											
10	20173	-38.3		267 27	23648	-39.5		269 17	26420	-37.4		285 26				
11	20138	-37.0		271 30	23634											
12	20051	-39.5		271 27	23555	-40.1		265 19	26311	-38.1		287 32				
13	20021	-40.8		272 28	23510	-39.6		266 32								
14	20058	-40.5			23566	-37.5			26380	-34.2						
15	20072	-41.0			23586	-36.7										
16	20170	-39.7			23723	-35.0			26550	-35.1						
17	20298	-39.0			23787	-39.8										
18	20406															
19	20530	-43.0		258 09	23970	-43.4		225 05	26713	-41.1		198 07				
20	20529	-44.2		284 03	23955	-43.5		233 05	26670	-42.1						
21	20608	-43.0			24039	-43.8			26769	-43.0						
22	20573	-42.7		354 02	24006	-44.1		255 01								
23	20573	-43.7			24001	-44.0										
24	20559															
25	20566	-43.0			23984				26700	-45.4						
26	20588	-44.8			23995	-45.5			26724	-46.6		056 07				
27	20609	-44.0		049 07	24028	-45.4		046 09	26656	-47.7		058 06				
28	20589	-46.9		020 09	23969	-47.0		107 05	26682	-49.1		096 03				
29	20637	-45.4		005 06	24020	-48.8		096 03	26682	-49.1		096 03				
30	20599	-47.0		291 04	24011	-49.2		036 04	26667	-49.7						
31	20647	-46.4														
MN	20312	-43.1	*		23762	-43.2	*		26526	-42.8	*					*

Day	SURFACE										FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL						
	SYNOPTIC DATA										Lowest		Highest																
Alt.	Dir.	Sp. Hum.	W. Wind	W. Speed	W. Dir.	W. Speed	W. Dir.	W. Speed	W. Dir.	W. Speed	Alt.	Pres.	Alt.	Pres.	Alt.	Pres.	Temp.	°C	°A	Alt.	Pres.	Temp.	°C	°A	Alt.	Pres.	Velocity		
01	20970	10	7	06	0										1 07 01	367	-59	0	285	0					1 18 70	060	316	40	
02	20970	10	8	03	0										2 06 89	370	-55	9	288	0					8 14 95	108	303	38	
03	00900	38	8	05	0										1 07 56	334	-57	6	295	0					9 26 80	018	286	52	
04	00901	38	5	08	0										2 08 59	289	-63	2	299	0					9 20 02	050	296	32	
05	00900	38	8	06	0										1 09 39	256	-66	0	306	0					9 18 91	059	282	33	
06	45650	03	0	00	0										1 08 52	294	-63	3	298	0					9 19 79	052	281	30	
07	00900	02	0	03	0										1 08 61	290	-64	7	297	0					9 18 62	063	292	27	
08	00930	02	7	10	0										2 07 70	333	-62	3	288	0					8 16 52	086	285	30	
09	86400	10	3	11	0										1 07 39	343	-56	5	294	0					16 60	085	271	31	
10	35500	10	0	06	0										2 06 36	400	-57	3	281	0					9 18 61	063	277	29	
11	20930	10	0	01	0										2 06 72	376	-57	9	285	0					1 26 31	020	287	32	
12	10930	02	2	06	0										2 06 37	400	-55	1	283	0					9 23 08	032	266	34	
13	00900	10	8	02	0										2 07 51	337	-58	8	293	0					2 01 73	806	049	25	
14	00900	10	1	07	0										1 07 40	345	-58	3	291	0					2 01 40	845	043	19	
15	00904	10	7	13	0										1 08 69	287	-61	5	302	0					2 03 20	656	038	28	
16	00901	02	1	15	0										2 07 54	344	-57	4	293	0					3 04 88	515	056	29	
17	20930	02	8	03	0										1 08 08	316	-57	3	299	0					8 06 33	408	049	25	
18	00900	38	7	38	0										1 07 60	337	-53	0	301	0					9 12 86	154	327	16	
19	9-0-	-	-	07	0										1 07 13	366	-52	7	294	0					9 02 10	765	051	19	
20	20930	02	2	07	0										1 07 10	371	-53	4	292	0					0	0	0	0	0
21	66400	39	8	20	0										1 07 49	352	-53	4	296	0					0	0	0	0	0
22	31400	38	1	02	0										1 08 18	315	-53	2	306	0					9 00 03	016	360	14	
23	86400	38	2	16	0										1 08 56	302	-56	8	305	0					0	0	0	0	0
24	00900	38	2	16	0										2 07 66	346	-54	3	296	0					0	0	0	0	0
25	26408	38	0	04	0										1 06 89	385	-51	4	292	0					0	0	0	0	0
26	00901	02	3	04	0										1 07 92	331	-53	7	298	0					1 00 88	914	024	16	
27	26408	10	0	03	0										1 08 02	325	-55	8	300	0					9 05 23	496	050	12	
28	00900	02	1	01	0										1 08 05	323	-57	6	298	0					9 06 65	402	368	16	
29	00901	02	7	15	0										1 07 29	360	-54	1	293	0					9 14 02	132	354	16	
30	00901	02	2	20	0										2 06 54	400	-49	1	291	0					9 04 22	566	097	19	
31	00900	02	2	13	0										1 07 41	354	-50	4	300	0					4 06 00	439	072	29	
MEAN															07 62	340	-56	9	295										

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01	19907	-48.6			23254	-45.7										
02	20020	-44.6			23435	-45.7			26108	-46.6						
03	20017	-43.7			23422	-47.8			26187	-45.4						
04	20069	-45.3			23481	-45.1										
05																
06																
07	20197	-41.4			23682	-39.4			26455	-41.4						
08	20264	-40.4			23753	-40.0			26523	-39.1						
09	20239	-38.1		270 26	23730	-42.0		281 18	26496	-40.0		285 22				
10	20139	-38.6		275 25	23632	-39.0		278 23	26432	-33.2		244 23				
11	20083	-39.1		268 25	23579	-38.8		269 17	26375	-36.9		265 20				
12	19998	-40.1		268 26	23477	-38.6		267 25	26260	-37.4		264 25	31130	-28.0		
13	19990	-39.9		276 32	23485	-38.9		267 28	26291	-34.2		264 20				
14	20003	-41.8														

APRIL 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.

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	-33	1	63 000 00	0259	-26	7	59 000 00	0630	-26	5	57 078 01	1021	-26	6	52 088 02
02	1025	-35	6	60 000 00	0202	-31	7	56 000 00	0570	-24	1	56 152 02	0969	-24	0	44 131 04
03	1014	-36	1	59 000 00	0125	-36	2	58 000 00	0500	-24	1	62 270 03	0884	-22	9	51 289 03
04	1010	-34	3	61 000 00	0101	-31	1	59 000 00	0470	-24	9	70 161 02	0863	-24	3	68 178 01
05	1013	-30	4	60 000 00	0123	-34	0	60 000 00	0490	-23	1	64 289 03	0882	-22	9	70 299 04
06	1023	-34	3	61 000 00	0189	-34	8	54 000 00	0350	-26	8	62 172 05	0943	-25	3	70 148 04
07	1027	-32	2	65 070 10	0221	-30	1	59 085 10	0590	-29	7	60 118 11	0972	-31	4	62 128 11
08	1017	-32	7	64 360 06	0147	-31	0	63 018 04	0520	-22	1	55 076 02	0915	-22	4	43 095 03
09	1014	-28	2	70 000 00	0132	-26	7	62 000 00	0510	-20	1	68 084 01	0911	-22	0	69 049 04
10	1023	-28	4	59 000 00	0196	-25	9	66 000 00	0580	-22	8	72 200 06	0968	-23	8	70 164 03
11	1029	-23	0	62 040 05	0242	-21	1	63 066 07	0630	-19	0	57 074 08	1026	-18	6	47 089 06
12	1024	-22	8	58 090 08	0203	-20	9	54 113 09	0590	-17	2	43 125 09	0994	-15	3	61 106 05
13	1013	-25	0	61 360 03	0122	-24	0	59 303 03	0510	-14	9	42 172 03	0917	-12	4	A16 090 04
14	1023	-21	8	61 090 03	0200	-20	7	63 128 04	0590	-16	9	62 136 05	0987	-17	4	39 148 05
15	1024	-20	6	63 060 05	0204	-19	5	63 096 05	0580	-18	0	63 198 07	0990	-18	4	66 138 11
16	1020	-25	7	64 180 07	0175	-26	8	64 178 13	0550	-25	6	58 189 13	0937	-27	4	57 186 10
17	1019	-25	2	65 080 08	0167	-25	2	67 105 10	0530	-25	1	73 151 11	0932	-26	1	78 154 12
18	1009	-16	1	80 160 07	0100	-16	7	79 160 07	0490	-18	6	77 170 11	0886	-18	6	76 178 14
19	1015	-13	9	76 160 06	0146	-14	3	76 166 08	0530	-15	6	77 175 09	0943	-17	7	79 196 10
20	1018	-12	7	63 070 06	0170	-10	3	62 091 08	0570	-06	0	44 125 08	0993	-05	5	38 165 07
22	1015	-16	7	57 360 01	0145	-15	4	62 050 03	0550	-05	9	45 095 04	0968	-07	3	37 090 03
23	1012	-14	6	77 080 07	0110	-14	7	72 088 08	0510	-07	2	54 120 08	0925	-06	8	53 122 06
24	1000	-10	1	82 070 07	0207	-10	7	0410	-12	3	83 103 11	0831	-14	4	84 128 11	
25	1007	-17	7	78 270 03	0084	-17	9	76 264 03	0470	-16	2	75 252 03	0875	-16	9	74 308 02
26	1020	-16	8	85 360 05	0180	-16	6	83 015 04	0560	-18	8	82 032 04	0969	-16	0	77 003 09
27	1026	-19	6	73 180 05	0218	-19	7	67 204 06	0610	-10	8	53 233 05	1023	-07	8	52 255 06
28	1016	-10	5	88 260 05	0154	-11	1	87 270 06	0550	-12	9	80 283 09	0958	-12	0	79 289 08
29	1020	-14	9	70 000 00	0176	-15	6	72 000 00	0570	-14	9	79 255 05	0974	-14	0	80 258 06
30	1019	-19	6	73 340 03	0171	-18	5	74 002 03	0560	-16	9	75 014 04	0961	-16	7	76 011 06
MN	1018	-22	8	68 *	163	-22	4	66 *	545	-18	2	64 *	947	-18	0	61 *

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	1028	-40	6	000 00	0223	-32	6	43 000 00	0590	-24	9	51 330 04	0985	-24	5	51 028 03
02	1020	-39	4	000 00	0168	-31	0	47 000 00	0540	-23	7	48 058 02	0935	-24	3	46 068 04
03	1010	-36	6	45 000 00	0095	-36	3	47 000 00	0470	-25	0	61 183 04	0853	-23	2	59 171 05
04	1012	-37	6	000 00	0114	-34	0	45 000 00	0480	-24	6	66 001 04	0877	-25	0	72 040 04
05	1017	-34	7	51 000 00	0150	-33	8	53 000 00	0520	-31	3	59 000 00	0901	-23	3	69 354 01
06	1027	-37	1	57 090 01	0217	-32	7	51 120 05	0380	-30	3	56 123 07	0965	-29	1	58 120 10
07	1024	-32	1	65 350 06	0200	-28	4	62 032 04	0570	-26	3	58 056 03	0962	-27	5	56 099 06
08	1013	-31	4	58 000 00	0124	-24	9	52 000 00	0500	-21	4	61 115 04	0900	-22	2	66 112 09
09	1016	-27	3	66 000 00	0142	-27	0	66 000 00	0530	-19	8	72 253 05	0920	-21	3	72 274 03
10	1030	-30	2	75 050 01	0242	-25	2	63 095 07	0620	-23	6	50 108 08	1012	-23	0	48 102 09
11	1027	-29	1	69 070 02	0224	-20	3	62 106 02	0620	-19	9	50 146 03	1009	-18	0	34 113 03
12	1019	-23	9	59 000 00	0166	-21	0	54 000 00	0540	-14	4	27 060 06	0963	-14	5	52 060 04
13	1015	-24	2	66 090 05	0141	-22	5	60 120 05	0520	-18	0	66 165 05	0925	-18	1	67 146 09
14	1025	-24	7	70 100 04	0214	-20	9	72 121 10	0610	-16	0	48 135 10	1005	-17	1	36 128 06
15	1018	-21	6	77 090 05	0162	-21	7	73 117 07	0540	-19	6	77 148 11	0942	-21	3	78 149 15
16	1023	-30	9	65 140 06	0188	-30	8	68 165 09	0550	-28	9	68 186 13	0940	-29	8	67 183 13
17	1013	-24	4	79 090 02	0123	-24	3	78 133 04	0500	-24	1	72 188 08	0895	-20	6	79 189 10
18	1013	-26	9	77 060 01	0120	-21	2	73 113 02	0510	-19	8	77 239 05	0906	-15	2	74 247 06
19	1020	-16	1	85 180 03	0180	-15	9	73 185 06	0570	-10	7	78 214 13	0987	-09	1	53 212 13
20	1021	-15	0	77 070 03	0188	-12	4	74 129 06	0590	-07	7	68 183 06	1006	-07	7	68 183 06
21	1016	-16	1	78 000 00	0150	-13	6	72 000 00	0540	-06	4	55 126 06	0969	-07	4	49 121 06
22	1015	-20	4	75 000 00	0143	-15	0	71 000 00	0550	-07	9	64 145 02	0960	-07	9	53 110 03
23	1007	-12	7	82 090 09	0081	-12	3	79 094 10	0470	-10	9	69 126 13	0890	-10	7	68 113 10
24	1000	-15	8	75 090 03	0028	-13	0	0420	-17	0	78 123 05	0819	-16	1	79 095 04	
25	1014	-16	8	76 220 03	0135	-17	3	77 235 02	0510	-18	7	89 250 02	0922	-17	6	80 255 03
26	1024	-17	7	82 230 05	0210	-19	4	81 276 04	0600	-15	5	78 277 02	1002	-13	6	64 292 06
27	1020	-17	0	75 150 08	0179	-17	4	75 160 10	0570	-09	9	71 200 17	0992	-05	8	46 46 46
28	1021	-17	0	76 000 00	0167	-20	7	78 000 00	0550	-14	4	79 319 02	0987	-11	4	79 319 02
29	1019	-21	7	76 000 00	0147	-20	7	78 000 00	0550	-18	4	79 319 02	0952	-18	2	81 317 02
30	1019	-22	5	76 360 07	0167	-18	9	79 007 07	0550	-17	5	76 020 08	0956	-16	9	76 020 08
MN	1018	-25	5	71 *	161	-23	0	66 *	543	-18	9	65 *	945	-18	0	62 *

A Statistical Value for Relative Humidity

* Vector Mean Wind

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

00 GMT.

CONSTANT PRESSURE DATA

Day	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	1434	-25	9	46 079 05	1875	-26	1	39 073 08	2340	-27	7	35 083 09	2895	-29	2	30 082 10
02	1386	-24	7	39 112 06	1828	-25	4	34 088 07	2290	-26	8	31 074 08	2790	-28	9	A19 088 11
03	1302	-23	9	42 354 02	1745	-24	0	33 047 06	2220	-25	1	40 057 07	2715	-26	8	63 056 13
04	1278	-26	1	68 130 07	1716	-28	3	72 100 07	2190	-30	8	75 090 07	2665	-31	1	76 080 08
05	1300	-23	3	75 339 03	1743	-25	6	76 024 05	2220	-27	8	77 053 06	2702	-30	2	78 061 08
06	1356	-26	2	68 117 04	1795	-26	9	54 101 06	2270	-28	6	39 081 09	2751	-30	7	37 071 08
07	1376	-31	8	63 118 11	1805	-31	2	68 116 12	2280	-31	9	66 106 14	2748	-33	5	63 103 12
08	1334	-23	1	47 086 05	1779	-23	0	53 090 08	2260	-24	7	62 081 11	2796	-26	6	64 092 14
09	1330	-23	8	69 094 09	1772	-25	8	69 100 13	2240	-26	1	70 090 17	2737	-27	1	70 086 20
10	1385	-24	8	68 143 04	1826	-26	0	68 103 05	2300	-27	2	71 088				

ISACHSEN, N.W.T.

APRIL 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 Altitude, Temp., R.H., Wind for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data for 01-30 and MN 3930.

Table with columns for Altitude, Temp., R.H., Wind for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for 01-30 and MN 11339.

CONSTANT PRESSURE DATA 12 GMT.

12 GMT. CONSTANT PRESSURE DATA

Table with columns for Altitude, Temp., R.H., Wind for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data for 01-30 and MN 3926.

Table with columns for Altitude, Temp., R.H., Wind for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for 01-30 and MN 11332.

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

APRIL 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No. 74074 LATITUDE 103°32'W LONGITUDE 78°47'N ELEVATION 30 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	20592	-46.9			23960	-48.0										
02	20669	-44.9		250 08	24059	-47.6		260 05	26732	-48.7		251 02				
03	20605	-45.7		250 05	23999	-46.4		214 06	26682	-48.2		303 04				
04	20598	-46.3		256 02	23948	-46.6		255 04	26636	-49.5		289 04				
05	20538	-46.0			23929	-47.7			26593	-49.2						
06	20582	-45.4		285 02	23976	-47.6		028 04	26652	-48.0		394 01				
07	20546	-46.2			23934	-47.4			26606	-48.8						
08	20528	-46.1		148 04	23922	-47.7		093 05	26588	-47.8		106 04				
09	20514	-47.5			23886	-48.4			26555	-48.6						
10	20558	-47.1			23934	-47.9			26608	-48.2				31111	-48.7	
11	20589	-47.0		202 02	23964	-47.4		103 04	26644	-47.5		112 11				
12	20557	-45.7		137 03	23952	-48.2		105 05	26622	-47.8		129 02	31219	-45.4		
13	20522	-45.9		106 04	23922	-46.1		096 05	26617	-46.6		114 05				
14	20554	-46.8		117 07	23940	-47.1		111 05	26622	-47.8		113 12	31199	-45.8		
15	20619	-46.3		158 05	23999	-46.5		153 07	26691	-47.7		104 05				
16																
17	20559															
18	20561	-47.8			23939	-46.1			26619	-49.2						
19	20586	-47.7			23960	-47.7			26633	-48.3						
20	20545	-48.6		249 04	23898	-49.8		125 02	26544	-51.0		122 01				
21	20652	-47.8		235 03	24023	-48.4		185 03	26685	-49.6		121 01				
22	20612	-49.3		356 06	23965	-48.6		260 02	26611	-52.8						
23																
24	20633	-47.8		276 04	24000	-49.0		322 04								
25	20718	-47.9		357 03	24092	-48.1		028 04	26754	-49.9						
26																
27	20775	-48.4			24138	-48.8			26779	-48.8				31308	-49.3	
28	20760	-48.8			24110	-48.9			26779	-48.8						
29	20768	-46.8		047 03	24142	-48.7		074 11	26801	-50.2		130 04				
30	20725	-46.2		037 03	24114	-46.6		074 09	26794	-49.8		069 08				
MN	20608	-47.0	*		23989	-47.7	*		26635	-48.9	*		31209	-47.3	*	

Day	SURFACE						FREEZING LEVELS				TROPopause (1)				TROPopause (2)				MAX. WIND LEVEL								
	SYNOPTIC DATA						Lowest		Highest																		
Day	%	g	g	g	g	g	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	00900	02	7	11	0										2 06 92	384	-52	0	291	0	4 07 28	365	070	30			
02	00900	02	7	10	0										2 06 62	400	-49	4	291	0	9 06 12	451	071	27			
03	00904	02	7	16	0										1 06 68	393	-52	0	288	0	9 04 00	383	067	17			
04	00901	02	0	00	0										1 04 82	512	-43	6	278	0	9 06 66	389	082	17			
05	36470	76	3	02	0										2 06 56	400	-47	1	294	0	3 05 30	482	058	33			
06	00900	02	2	14	0										2 05 60	463	-46	0	283	0	9 06 22	421	072	27			
07	00900	02	7	07	0										1 04 30	558	-42	3	273	0	4 06 32	414	087	35			
08	25701	03	2	22	0										2 07 11	371	-53	4	292	0	9 06 26	423	098	22			
09	20971	02	2	03	0										2 07 11	369	-52	1	293	0	3 04 51	344	086	24			
10	00901	02	2	29	0										1 07 62	344	-51	2	301	0	5 09 60	259	080	27			
11	00901	02	8	07	0										1 08 34	314	-56	4	302	0	9 26 27	021	117	11			
12	30916	02	7	08	0										1 09 11	279	-59	1	308	0	9 07 91	358	198	13			
13	00901	02	7	11	0										1 08 80	291	-58	2	306	0	9 11 99	179	122	09			
14	00900	02	2	11	0										1 08 14	324	-54	0	303	0	9 08 72	296	098	24			
15	80914	02	7	07	0										2 07 98	335	-51	6	303	0	9 07 55	357	198	28			
16	00900	76	1	06	0										1 07 11	370	-45	3	303	0	2 01 60	821	178	21			
17	75500	70	7	19	0										2 06 60	400	-44	7	297	0	1 05 35	479	230	33			
18	8072	71	7	15	0										1 07 40	362	-52	8	294	0	2 02 10	765	198	19			
19	854	71	3	01	0										1 08 98	290	-56	0	309	0	2 01 60	822	213	29			
20	26470	02	5	07	0										1 09 92	254	-60	3	313	0	9 02 60	751	194	19			
21	00901	02	7	05	0										1 08 70	306	-54	9	307	0	9 07 20	385	141	25			
22	40930	02	8	01	0										1 08 96	292	-55	7	309	0	9 12 75	164	159	25			
23	75500	02	7	10	0										1 08 61	307	-54	3	307	0	8 14 00	136	237	21			
24	36470	71	7	15	0										1 07 14	373	-40	4	308	0	9 13 51	146	215	17			
25	45601	02	2	21	0										1 05 78	458	-40	2	291	0	9 04 40	557	297	10			
26	864	10	2	15	0										2 08 14	330	-46	5	311	0	3 05 09	516	348	29			
27	00900	02	6	02	0										1 09 25	285	-56	9	310	0	5 08 20	337	316	33			
28	57400	10	3	07	0										2 07 87	347	-46	5	307	13 80	3 05 71	475	276	24			
29	75500	70	7	07	0										1 07 36	369	-50	6	296	0	9 07 99	336	243	28			
30	00901	02	7	05	0										1 07 43	362	-49	2	299	0	9 07 68	349	243	28			
MEAN															07 50	361	-50	8	299	13 80	143	-47	8	393			

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	20592	-47.1			23965	-48.0										
02	20600	-45.7		248 06	23983	-48.3		300 01	26649	-48.9		261 05				
03	20575	-45.5			23970	-47.3			26645	-48.7						
04	20519	-47.0			23914	-46.5			26600	-47.7						
05	20515	-47.6			23885	-48.4			26550	-49.2						
06	20551	-46.6			23932	-48.8			26588	-49.8						
07	20551	-45.6			23948	-47.1										
08	20500	-47.5			23871	-49.1										
09	20605	-45.3			24003	-48.1			26680	-47.2						
10	20536	-46.9		158 03	23912	-48.2		084 04	26577	-49.3		145 05	31146	-46.3		
11	20526	-47.6		136 04	23896	-48.0		082 04	26569	-46.6		114 04				
12	20484															
13	20496	-46.6		156 03	23880	-47.0		076 08	26568	-46.9		109 07				
14	20536	-47.1			23911	-48.0										
15	20577	-47.3			23950											
16	20545	-45.7		156 02	23943	-46.7		117 11	26626	-48.0		137 09				
17	20558	-46.4			23955	-46.2			26632	-48.3						
18	20631	-47.4			23994	-48.9			26657	-49.2						
19	20629	-47.9		</												

ISACHSEN, N.W.T.

MAY 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 SURFACE, 1000 MBS, 950 MBS, 900 MBS, and MN. 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, and MN. 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, 900 MBS, and MN. 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, and MN. 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

Commencing May 13, 12 GMT, this station resumed the use of the 403 mc "unshielded" type radiosonde for all ascents.

MAY 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

Day	600 MBS				500 MBS				400 MBS				300 MBS								
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.					
01	3943	-29	33	07	5227	-37	0	38	337	08	6736	-47	3	338	07	8654	-42	3	337	10	
02	3949	-28	3	44	010	17	5239	-35	6	43	009	13	6757	-46	6	004	28	8664	-45	0	
03	3944	-27	1	29	339	18	5238	-34	7	A21	344	22	6766	-44	0	345	30	8675	-46	6	
04	3913	-26	1	A19	341	12	5213	-33	1	38	331	16	6753	-42	4	325	15	8661	-49	9	
05	3880	-29	2	58	339	06	5162	-36	9	45	323	10	6678	-45	3	316	16	8574	-46	1	
06	3920	-25	1	47	008	13	5199	-38	1	49	015	16	6700	-47	4	011	25	8616	-42	9	
07	3982	-25	7	58	352	17	5281	-33	5	45	003	25	6816	-43	2	002	34	8713	-50	0	
08	3976	-21	7	69	315	05	5297	-30	0	65	343	02	6847	-42	2	328	04	8740	-52	8	
09	4014	-21	3	65	012	07	5338	-29	8	48	005	07	6891	-41	4	360	05	8788	-53	0	
10	4025	-24	2	75	028	04	5331	-33	1	69	015	04	6861	-44	8	340	02	8755	-48	3	
11	4064	-23	6	A18	5370	-33	3	A20	6904	-43	2	60	6981	-38	2	8885	-51	3	8923	-49	7
12	4064	-20	5	67	5393	-27	8	64	6963	-38	2	33	6981	-36	4	8923	-49	7	8919	-51	6
13	4060	-19	4	A17	5395	-26	7	31	6981	-36	4	07	6981	-36	4	8923	-49	7	8919	-51	6
14	4076	-16	8	A17	012	11	5417	-27	1	35	359	16	6987	-37	0	337	007	18	8919	-51	6
15	3987	-24	8	A10	5297	-32	4	A20	6987	-42	8	25	6987	-42	8	344	40	8741	-46	7	
16	3990	-22	9	A18	347	22	5308	-29	8	A20	350	25	6868	-40	2	010	25	8751	-43	5	
17	3962	-26	4	29	062	12	5268	-31	5	A20	060	17	6815	-41	4	010	25	8751	-43	5	
18	3975	-24	8	43	-	-	5282	-32	4	38	006	08	6832	-40	0	A22	001	24	8758	-49	4
19	3954	-25	4	42	320	04	5257	-32	7	57	343	14	6795	-42	5	331	14	8710	-45	0	
20	3939	-26	0	67	330	07	5238	-34	2	58	343	09	6765	-44	6	335	09	8696	-39	4	
21	4016	-22	3	A18	331	09	5333	-31	2	36	324	15	6883	-41	7	320	18	8790	-49	0	
22	4036	-21	0	33	257	12	5359	-29	8	A20	252	15	6913	-41	0	244	18	8816	-52	0	
23	4081	-23	1	84	-	-	5397	-31	3	80	-	-	6940	-31	7	6940	-31	7	8843	-53	7
24	4177	-19	7	49	316	12	5507	-28	7	70	336	17	7071	-38	6	348	20	8988	-53	6	
25	4137	-18	4	A17	276	04	5469	-28	6	57	277	03	7032	-39	5	A22	291	06	8946	-51	6
26	4059	-19	7	A17	5392	-27	6	A19	6964	-37	4	40	6971	-37	4	60	8892	-50	4		
27	4071	-20	6	61	5402	-27	9	63	6964	-37	4	63	6971	-35	4	63	8898	-50	6		
28	4043	-16	4	68	333	21	5392	-25	0	64	335	24	6979	-35	4	63	8951	-42	1		
29	4071	-12	5	54	321	09	5445	-19	3	31	329	13	7074	-29	4	29	323	16	9063	-44	9
30	3985	-15	4	57	045	05	5347	-22	0	65	058	08	6984	-31	4	29	070	12	8943	-43	4
31	3999	-18	2	A17	213	03	5344	-24	0	68	305	02	6943	-34	1	31	229	03	8912	-45	0
MN	4009	-22	5	42	*	*	5327	-30	5	44	*344	11	6880	-40	6	41	*343	15	8802	-47	8

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	11428	-38	9	333	08	13381	-61	7	339	06	16126	-42	5	351	05	18524	-44	7	023	04
02	11403	-41	2	355	16	13353	-62	4	360	04	16084	-43	0	343	13	18486	-43	9	113	03
03	11401	-42	1	-	-	13368	-61	9	-	-	16085	-43	7	-	-	18487	-42	7	-	-
04	11368	-42	1	340	12	13318	-61	8	352	06	16062	-42	8	343	07	18465	-43	7	025	06
05	11314	-40	6	352	07	13273	-60	9	349	06	16022	-43	1	339	07	18424	-43	1	020	05
06	11364	-41	4	004	08	13318	-61	5	015	04	16060	-42	5	026	05	18478	-41	0	056	04
07	11401	-43	3	-	-	13334	-64	0	-	-	16050	-44	9	-	-	18444	-44	0	-	-
08	11425	-43	7	014	10	13360	-63	6	360	07	16080	-44	8	008	05	18462	-45	3	052	04
09	11467	-43	6	360	07	13402	-62	9	011	10	16127	-44	6	023	09	18514	-44	9	044	06
10	11469	-43	1	023	12	13406	-63	5	017	08	16128	-44	4	053	05	18515	-44	9	045	02
11	11516	-43	7	-	-	13454	-62	6	-	-	16174	-43	8	-	-	18573	-43	8	-	-
12	11561	-44	5	-	-	13495	-62	8	-	-	16231	-42	9	-	-	18636	-43	0	-	-
13	11547	-47	9	-	-	13462	-65	5	-	-	16170	-44	8	-	-	18555	-45	0	-	-
14	11523	-49	3	-	-	13492	-65	5	-	-	16144	-45	5	-	-	18521	-45	4	-	-
15	11472	-42	5	-	-	13415	-62	5	-	-	16149	-43	4	-	-	18543	-44	4	-	-
16	11526	-41	1	-	-	13478	-61	1	-	-	16210	-43	6	-	-	18609	-43	6	-	-
17	11493	-41	7	-	-	13442	-61	9	-	-	16181	-43	4	-	-	18578	-43	9	-	-
18	11480	-41	4	356	11	13430	-62	0	175	02	16171	-42	8	284	04	18574	-43	2	345	07
19	11458	-37	5	320	12	13460	-60	3	321	09	16205	-43	3	289	05	18605	-43	5	255	01
20	11502	-36	9	308	18	13478	-60	8	328	07	16206	-45	7	299	15	18589	-44	8	285	08
21	11544	-38	6	227	09	13507	-62	5	265	10	16236	-43	9	204	12	18635	-43	3	268	10
22	11544	-40	1	259	14	13509	-60	7	243	12	16252	-42	7	266	04	18669	-41	9	251	08
23	11577	-39	9	-	-	13539	-61	6	-	-	16273	-43	9	-	-	18673	-42	5	-	-
24	11651	-44	4	-	-	13580	-64	1	-	-	16303	-43	8	-	-	18702	-43	3	-	-
25	11656	-41	8	322	10	13603	-62	2	326	09	16341	-43	0	316	09	18742	-43	8	348	05
26	11589	-42	3	-	-	13555	-62	6	-	-	16263	-44	1	-	-	18659	-43	5	-	-
27	11597	-43	2	-	-	13540	-62	6	-	-	16268	-43	7	-	-	18668	-43	2	-	-
28	11622	-46	7	-	-	13545	-63	9	-	-	16260	-44	8	-	-	18656	-41	9	-	-
29	11717	-46	4	327	12	13641	-63	7	314	08	16365	-44	1	265	03	18773	-41	6	324	04
30	11634	-43	0	000	00	13579	-62	5	230	04	16307	-43	1	264	06	18719	-41	8	280	03
31	11581	-44	3	253	05	13518	-64	5	289	07	16252	-42	9	260	07	18658	-42	7	260	07
MN	11511	-42	5	*	*	13456	-62	5	*	*	16187	-43	7	*	*	18585	-43	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	3916	-30	9	68	006	09	5185	-40	0	61	011	06	6693	-42	8	016	08	8645	-40	4	003	13
02	3932	-27	3	29	354	16	5234	-35	1	A21	356	28	6757	-45	0	346	33	8680	-49	2	-	-
03	3922	-27	2	37	347	17	5216	-34	2	A21	345	19	6752	-41	7	342	18	8595	-48	3	327	15
04	3895	-27	8	40	360	07	5185	-35	3	353	13	6709	-44	7	356	10	8585	-43	9	356	10	
05	3901	-29	6	44	009	10	5181	-38	0	014	09	6691	-49	2	060	20	8647	-46	6	052	20	
06	3948	-29	0	37	046	11	5233	-37	0	38	056	15	6746	-46	2	060	20					

MAY 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, Temp., R.H., Wind, and MBS (50, 30, 20, 10). Includes data for various altitudes and a mean row at the bottom.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes data for various altitudes and a mean row at the bottom.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Altitude, Temp., R.H., Wind, and MBS (50, 30, 20, 10). Includes data for various altitudes and a mean row at the bottom.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes data for various altitudes and a mean row at the bottom.

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

Commencing May 13, 12 GMT, this station resumed the use of the 403 mc "unshielded" type radiosonde for all ascents.

JUNE 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	1010	-03	7	86 260 04	1010	-04	5	84 260 04	0510	-07	8	78 265 05	0992	-07	6	67 254 06
02	1007	-04	9	87 230 10	1007	-05	2	88 227 11	0490	-07	8	90 234 11	0907	-08	3	92 240 12
03	1003	-05	2	88 230 05	1003	-06	7	87 291 15	0450	-07	2	82 300 07	0871	-08	9	84 278 09
04	1012	-05	8	84 020 03	1012	-06	7	84 024 03	0520	-10	2	83 018 02	0936	-14	1	81 351 03
05	1017	-04	9	81 310 07	1017	-06	0	81 307 07	0550	-09	4	81 305 04	0979	-13	1	80 314 07
06	1014	-04	2	79 270 11	1014	-05	1	79 269 11	0530	-03	5	74 272 11	0953	-03	7	35 277 12
07	1014	-05	5	75 310 09	1014	-06	2	76 297 09	0530	-08	0	77 271 11	0953	-10	1	79 333 14
08	1018	-01	7	89 010 09	1018	-03	3	73 010 09	0570	-06	1	75 005 09	0996	-09	4	70 360 16
09	1015	-03	8	88 340 09	1015	-04	7	87 345 09	0550	-07	5	83 346 08	0971	-05	0	75 352 08
10	1012	-00	3	77 090 02	1012	-01	0	76 092 03	0540	-05	2	64 078 02	0959	-00	5	41 075 02
11	1018	-00	3	70 000 00	1018	-00	9	66 000 00	0580	-02	3	56 205 05	1006	-02	1	40 205 06
12	1021	00	1	97 260 05	1021	00	0	93 274 05	0600	00	1	86 344 03	1041	00	4	77 352 03
13	1019	00	1	94 240 03	1019	00	1	86 249 05	0590	-00	4	88 231 05	1022	-01	3	77 203 06
14	1012	00	1	94 250 04	1012	00	1	92 248 05	0530	-00	6	82 275 05	0977	00	3	27 205 06
15	1008	00	1	89 020 06	1008	00	1	88 024 05	0510	-02	3	82 040 05	0932	-03	7	85 358 04
16	1003	-01	7	84 290 05	1003	-02	0	84 290 05	0480	-04	7	78 295 05	0887	-07	0	82 232 07
17	1015	-03	7	88 340 15	1015	-04	9	88 340 15	0420	-04	7	78 010 17	0906	-01	0	42 012 15
18	1008	-00	3	87 320 09	1008	-01	2	87 325 09	0510	-00	9	98 332 09	0945	00	4	75 335 10
19	1005	00	0	89 240 06	1005	00	0	85 242 06	0490	00	1	41 250 09	0923	00	4	55 268 09
20	0999	00	9	97 270 08	0999	00	2	94 270 08	0440	00	1	98 277 08	0876	00	9	95 281 13
21	0998	00	2	93 190 08	0998	00	1	94 198 13	0440	00	3	84 198 13	0866	00	5	80 202 11
22	1001	00	9	89 270 10	1001	00	6	89 270 10	0450	-02	8	88 279 11	0871	-03	8	86 280 11
23	1011	00	9	94 310 13	1011	00	6	94 313 13	0520	-02	3	91 327 09	0954	-01	4	93 324 11
24	1014	00	1	89 350 07	1014	00	9	90 353 07	0550	-02	1	91 014 06	0982	-03	0	92 022 06
25	1013	00	8	89 010 08	1013	-00	1	88 009 08	0550	-03	7	85 007 07	0972	-01	1	66 018 07
26	1011	00	2	88 360 08	1011	-00	5	88 012 08	0520	-03	8	88 027 08	0953	-02	3	75 032 12
27	1008	00	1	83 020 09	1008	00	3	83 020 09	0500	-01	9	80 022 06	0936	-02	4	76 043 06
28	1008	00	2	82 350 04	1008	00	6	83 346 04	0490	-02	5	86 333 03	0927	-01	7	67 347 04
29	0999	-00	3	97 220 05	0999	-00	2	94 220 05	0430	-02	4	94 239 06	0860	-04	1	91 259 04
30	1001	00	2	89 090 10	1001	00	2	89 090 10	0440	-01	0	89 095 10	0877	-04	0	89 099 12
MN	1009	-00	9	88 *	1009	-01	7	85 *	510	-03	2	82 *	939	-03	3	73 *

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	1011	-06	7	86 220 02	1011	-07	3	86 240 03	0510	-09	7	85 298 05	0928	-12	4	84 315 06
02	1002	-02	8	95 240 05	1002	-03	8	94 243 05	0480	-03	8	78 268 06	0882	-06	6	89 268 07
03	1008	-08	6	79 320 05	1008	-09	3	79 320 05	0480	-12	0	78 325 06	0900	-15	0	78 325 06
04	1015	-05	9	85 340 04	1015	-06	4	85 337 04	0550	-09	9	84 335 04	0960	-13	3	83 345 04
05	1016	-08	9	89 250 07	1016	-09	1	82 251 08	0540	-10	6	77 262 10	0964	-07	9	53 279 11
06	1012	-06	0	85 340 05	1012	-07	0	85 341 05	0520	-10	8	83 335 08	0935	-11	3	80 307 10
07	1017	-03	1	82 330 07	1017	-03	9	83 339 09	0560	-06	2	88 346 11	0984	-08	9	91 348 12
08																
09	1014	-07	2	81 030 05	1014	-08	6	75 026 06	0540	-04	9	61 357 06	0962	-04	0	39 018 10
10	1016	-04	9	81 180 01	1016	-05	1	68 207 04	0550	-02	4	54 212 05	0990	-02	0	46 192 04
11	1019	-02	9	85 000 00	1019	-02	9	71 000 00	0590	-01	1	70 240 05	1016	-01	4	79 268 06
12	1021	-00	1	94 000 00	1021	00	0	94 000 00	0610	00	8	79 243 05	1052	00	2	67 252 05
13	1014	-00	4	94 190 02	1014	-00	5	91 198 02	0550	00	3	51 289 04	0991	00	2	27 294 06
14	1010	00	1	91 000 00	1010	00	0	93 000 00	0520	-00	3	91 310 02	0951	-00	3	70 287 06
15	1008	-01	6	88 000 00	1008	-02	1	87 000 00	0490	-04	4	73 000 00	0922	-05	9	63 000 00
16	1001	-02	1	94 000 00	1001	-02	3	93 000 00	0440	-04	9	90 000 00	0871	-05	4	75 000 00
17	1007	-01	7	91 350 10	1007	-02	3	89 350 11	0500	-00	1	79 343 10	0925	00	1	69 002 10
18	1008	-01	0	94 310 04	1008	-01	5	93 310 04	0500	-01	4	79 314 09	0939	00	0	20 311 13
19	0998	00	1	100 250 05	0998	00	0	100 250 05	0430	00	7	100 276 06	0865	00	3	99 271 08
20	1011	00	2	91 280 09	1011	00	3	97 000 00	0420	-00	2	89 230 05	0891	00	1	94 246 10
21	0998	00	6	91 280 09	0998	00	6	91 280 09	0420	-00	2	93 283 13	0854	-02	3	92 279 11
22	1005	00	0	94 330 10	1005	00	3	93 330 10	0470	-02	5	91 322 11	0904	-02	1	91 310 10
23	1013	00	8	87 320 07	1013	00	5	86 327 07	0540	-00	5	93 340 06	0977	-01	5	91 345 07
24	1015	00	6	84 310 05	1015	00	3	84 324 04	0530	-03	5	84 345 04	0980	-01	8	75 350 06
25	1012	00	5	78 020 10	1012	-00	4	79 018 11	0520	-03	8	82 000 00	0959	00	0	57 000 00
26	1010	-01	1	90 360 10	1010	-01	3	88 359 10	0510	-02	3	80 002 13	0945	-01	9	67 005 14
27	1010	-00	9	88 020 07	1010	-01	3	87 020 06	0510	-03	6	83 359 04	0943	-01	3	58 005 04
28	1004	00	1	94 290 04	1004	00	4	94 290 04	0470	-02	9	86 311 03	0899	-03	9	86 307 04
29	0998	00	2	97 150 03	0998	00	2	97 150 03	0420	-03	0	91 150 06	0851	-04	5	90 144 03
30	1003	00	1	94 350 06	1003	00	1	93 354 06	0460	-00	7	81 016 06	0891	-02	6	80 020 07
MN	1009	-02	0	90 *	1009	-02	9	87 *	505	-03	2	81 *	936	-03	4	72 *

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	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	1376	-09	2	59 260 07	1845	-10	2	52 265 08	2340	-12	0	47 266 08	2867	-14	7	42 276 08
02	1362	-06	5	94 267 14	1826	-07	6	92 250 13	2330	-11	0	48 265 11	2851	-14	5	84 286 16
03	1313	-10	2	85 271 13	1780	-11	6	84 275 14	2260	-13	0	84 272 20	2798	-14	8	82 269 22
04	1370	-13	0	69 333 07	1833	-12	9	50 327 07	2320	-14	8	42 325 09	2843	-17	5	46 323 10
05	1420	-09	2	73 340 07	1889	-09	9	60 327 08	2390	-11	1	46 330 09	2914	-13	8	39 331 09
06	1404	-04	9	66 280 16	1880	-07	3	58 280 16	2370	-10	5	74 290	2908	-14	1	76 290
07	1390	-12	9	83 339 14	1853	-13	1	84 339 16	2340	-14	0	82 342 19	2866	-15	7	76 286
08	1435	-07	8	64 360 15	1908	-07	3	A15 009 18	2410	-09	2	28 2940	2940	-11	2	30

JUNE 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No. 74074 LATITUDE 78°47'N LONGITUDE 103°32'W ELEVATION 300 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.			
																	°C	%	deg. mps.
01	4017	-22.0	52	269	11	5337	-30.5	29	268	12	6884	-42.5	25	18	8816	-41.0	242	15	
02	4001	-22.5	55	274	20	5319	-30.4	48	278	20	6859	-41.8	30	26	8796	-43.5			
03	3950	-21.0	77	289	20	5271	-30.1	74			6829	-39.5	49		8766	-42.9			
04	3983	-24.0	35	320	13	5295	-31.5	A20	312	15	6835	-43.5		313	17	8759	-41.0	300	19
05	4073	-20.2	A17	325	10	5402	-28.4	A19	327	09	6971	-39.5	44	345	12	8893	-47.2		10
06	4062	-21.5	62			5384	-31.0	73			6937	-40.0	64		8850	-50.9			
07	4028	-18.0	A17			5375	-25.7	A19			6960	-36.2	51		8912	-45.0			
08	4110	-17.2	40			5457	-25.0	55			7038	-37.4	A22		8985	-43.2			
09	4103	-17.7	58			5455	-22.0	A18			7070	-31.9	A20		9041	-45.9			
10	4159	-10.2	A15	043	16	5547	-17.3	A17	010	29	7180	-29.5	A20		9177	-43.0			
11	4190	-12.4	25	215	10	5564	-20.4	A17	205	06	7182	-32.4	A20	200	06	9148	-47.2	213	06
12	4205	-17.0	47	300	12	5551	-25.2	A18	291	16	7139	-35.4	40	288	24	9085	-49.1	300	30
13	4192	-16.0	39	247	11	5542	-24.0	60	263	15	7135	-35.5	68	288	15	9076	-47.2	291	24
14	4170	-13.8	82	297	23	5537	-22.2	58	280	19	7140	-33.9	35	290	33	9099	-47.9		
15	4073	-16.5	80	268	16	5421	-24.8	A19	274	18	7006	-36.3	A22	275	31	8944	-46.3		
16	3995	-17.9	78	316	11	5339	-27.0	60	282	12	6906	-40.0	39	292	16	8856	-49.3	332	12
17	4043	-16.0	A17			5393	-24.8	A18			6982	-36.3	38		8923	-49.8			
18	4168	-11.3	61			5544	-20.4	A17			7155	-33.6	A21		9117	-47.4			
19	4129	-12.7	44	285	20	5498	-21.6	48	290	21	7117	-28.4	75		9133	-39.4	62		
20	4084	-11.2	57	294	19	5469	-18.5	38			7098	-29.7	38		9116	-38.6	A22		
21	4077	-11.8	53			5450	-21.2	60			7061	-31.1	50		9044	-43.1			
22	4029	-14.1	25	285	06	5391	-22.2	A18	289	03	6993	-34.2	A21	284	06	8958	-43.3	332	05
23	4145	-11.9	59	017	12	5523	-18.2	40	013	18	7156	-28.1	28	059	14	9147	-45.7	069	25
24	4215	-09.6	A15	005	05	5599	-18.5	32	344	07	7229	-29.5	54	345	13	9218	-44.7	318	16
25	4165	-13.2	46	343	14	5533	-21.2	A18	334	13	7142	-32.1	32	330	15	9106	-47.9	324	15
26	4091	-19.5	30	335	08	5422	-28.1	53	329	11	6988	-38.9	A22	322	12	8914	-45.5	318	25
27	4035	-19.1	44	305	13	5365	-28.9	39	035	15	6923	-40.4	4		8872	-40.5			
28	4082	-16.8	33	032	10	5427	-25.9	58	040	12	7007	-36.9	39	039	27	8940	-48.8		
29	4019	-15.0	69	308	09	5372	-24.6	38	313	09	6961	-36.7	A22	311	16	8897	-48.7	320	20
30	3994	-18.1	80	070	05	5331	-28.3	78	046	06	6893	-39.0	68	060	08	8815	-43.8	023	05
MN	4086	-16.3	47	*		5437	-24.6	39	311	10	7026	-35.7	38	*	8980	-44.9	42	*	

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.				
																	°C	%	deg. mps.	°C
01	11588	-38.9			253	10	13553	-40.9		265	08	16303	-41.4		267	05	18730	-40.6	302	02
02	11558	-39.1					13525	-40.1				16286	-41.3				18703	-41.8		
03	11541	-38.7					13508	-40.5				16268	-40.2				18688	-41.6		
04	11534	-39.2			293	11	13500	-40.0		283	11	16264	-41.0		290	06	18686	-41.8	171	03
05	11634	-39.0			289	04	13598	-40.8		304	06	16362	-40.3		295	05	18798	-39.8	310	01
06	11588	-39.9					13547	-40.9				16300	-41.9				18718	-41.8		
07	11655	-40.3					13614	-40.9				16367	-41.7				18783	-41.7		
08	11725	-41.8					13673	-42.3				16406	-43.3				18820	-41.0		
09	11764	-42.3					13706	-42.9				16437	-42.9				18860	-41.0		
10	11868	-43.5					13803	-43.5				16532	-43.3				18935	-42.8		
11	11827	-43.2			344	08	13764	-43.9		357	08	16482	-44.1		013	08	18880	-43.1	040	12
12	11797	-41.8			308	11	13746	-42.7		268	07	16468	-44.1		315	08	18866	-43.0	248	03
13	11791	-41.7			307	13	13743	-42.4		309	05	16469	-42.8		307	12	18866	-43.2	004	07
14	11791	-41.7					13745	-41.5				16488	-42.8				18898	-41.3		
15	11698	-39.8					13664	-40.4				16420	-41.9				18835	-41.9		
16	11656	-39.7			009	05	13634	-39.1		333	10	16405	-40.4		331	07	18838	-40.4	057	06
17	11635	-40.1					13592													
18	11775	-43.1					13716	-42.7				16457	-41.3							
19	11823	-47.3					13737	-45.8				16444	-44.9				18847	-40.9		
20	11844	-42.1					13780	-45.4				16490	-44.4				18893	-42.1		
21	11761	-41.9					13717	-42.8				16449	-43.0				18855	-41.4		
22	11739	-38.0			311	04	13712	-40.1		307	06	16464	-42.2		027	05	18882	-41.3	021	04
23	11822	-44.5			028	12	13757	-43.7		360	01	16484	-43.8		000	00	18885	-41.9	315	01
24	11870	-46.8			332	11	13796	-44.0		332	11	16522	-43.3		328	05	18927	-42.6	349	04
25	11783	-43.1					13722	-43.0				16455	-42.9				18871	-40.7		
26	11672	-39.2			339	11	13640	-40.4		343	08	16393	-40.5		009	04	18826	-40.1	341	03
27	11672	-37.7					13644	-40.3				16400	-41.0				18830	-40.1		
28	11695	-37.7					13676	-38.2				16461	-39.2				18905	-39.2		
29	11648	-38.1			347	06	13627	-38.6		352	04	16410	-39.1		054	04	18855	-39.2	042	04
30	11602	-37.0			028	05	13588	-37.9				16371	-39.3							
MN	11712	-40.8	*				13668	-41.6	*			16416	-42.1	*			18833	-41.3	*	

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.				
																	°C	%	deg. mps.	°C
01	3995	-22.8	37	298	09	5314	-30.9	53	296	13	6861	-43.4	71	307	09	8779	-42.6	327	08	
02	4000	-18.4	82	286	32	5336	-27.7	79			6902	-39.2	A22			8816	-47.2			
03	3938	-25.4	29	342	11	5241	-33.1	A20	356	13	6788	-39.2	A22			8760	-36.8			
04	4026	-22.2	58	328	10	5346	-29.7	48	321	15	6906	-39.3	39			8833	-46.6	317	32	
05	4059	-19.7	38	306	15	5389	-28.8	68	312	11	6949	-40.3	33			8856	-52.7	315	06	
06	3961	-26.1	66			5257	-34.9	51			6796	-39.1	A22			8770	-38.9			
07	4093	-15.3	A16			5449	-22.9	A18			7047	-34.8	A21			8986	-50.4			
08																				
09	4102	-16.3	A17			5451	-23.3	A18			7065	-32.1	A20			9026	-46.8			

ISACHSEN, N.W.T.

JUNE 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.

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	21020	-41.1		063	05	24486	-42.1	038	04	27233	-40.8	079	02			
02	20987	-41.2				24460	-41.5			27212	-40.1					
03	20974	-41.8				24425	-43.7			27159	-40.4					
04	20962	-42.2		304	01	24413	-43.1	124	02	27149	-41.1					
05	21098	-40.1		140	01	24569	-42.6	193	03	27315	-39.8					
06	21007	-41.0				24467	-42.7									
07	21068	-41.1				24531	-43.5			27276	-38.7					
08	21110	-40.8				24570	-42.4			27315	-40.6					
09	21146	-41.4				24607	-42.4			27353	-39.9					
10	21208	-42.3				24670	-40.9			27440	-38.3					
11	21152	-42.2		034	04	24613	-41.7	054	03	27377	-38.1	108	05			
12	21139	-42.0				24612	-41.7									
13	21138	-42.1		331	03	24606	-40.8	322	04	27373	-38.7	305	05			
14	21185	-40.8				24664	-40.3			27434	-38.8					
15	21117	-41.5				24589	-40.5			27359	-39.4					
16	21133	-40.4		007	01	24610	-41.7	007	01	27363	-40.0	350	08	32160	-33.8	028 05
17																
18																
19	21136	-41.2				24600	-42.4			27355	-39.1					
20	21173	-41.5				24649	-39.6			27436	-37.3					
21	21142	-41.2				24615	-40.5			27392	-36.9					
22	21171	-40.5		042	04	24644	-40.8	085	03	27418	-37.4	084	03			
23	21170	-41.0		295	05											
24	21220	-40.2		346	05	24709	-38.6	040	05	27514	-35.4	098	03			
25	21161	-41.2				24627	-40.7			27400	-38.8					
26	21124	-40.0		051	07	24614	-39.9	046	06	27390	-38.3	105	03			
27	21132	-39.4				24617	-39.8									
28	21216	-38.6				24730	-37.5			27533	-36.9					
29	21164	-38.5		057	04	24685	-36.8	114	05	27504	-34.4	085	07			
30																
MN	21120	-40.9		*		24592	-41.0	*		27361	-38.7	*		32160	-33.8	*

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	20972	-42.0		305	05	24431	-41.6	252	09	27187	-40.5	213	05			
02	20952	-42.4				24410	-41.3									
03	21036	-41.4				24504	-41.6									
04	21035	-40.8				24507	-41.6			27257	-40.4					
05	20980	-41.3		289	01	24438	-43.2	111	04	27172	-41.3	071	05			
06	20951	-42.2				24397	-44.0									
07	21061	-40.7				24511	-43.1			27250	-40.7					
08																
09	21060	-42.6				24537	-42.0									
10	21162	-41.3		034	05	24626	-42.0	083	06	27382	-38.8	098	07			
11	21088	-42.0		033	05	24551	-41.9	054	02	27316	-39.1					
12	21140	-41.9		064	05	24609	-40.2	092	03	27385	-38.7	116	02			
13	21229	-40.6				24710	-40.8			27481	-38.1					
14	21101	-41.8				24564	-41.0			27330	-39.8					
15	21139	-39.9				24624	-40.8			27397	-37.2					
16																
17	21089	-40.7				24554	-42.6			27312	-38.9					
18	21115	-41.1				24583	-41.8			27337	-39.4					
19	21122	-42.2				24580	-41.2									
20	21142	-41.7				24611	-40.7			27390	-36.1					
21																
22	21201	-41.7				24674	-39.8			27463	-37.0					
23	21224	-40.8		018	03	24698	-40.9	066	04	27469	-38.2	026	04			
24	21234	-40.9		033	04	24720	-39.0	026	05	27514	-35.8	026	04			
25	21170	-40.6				24662	-38.7			27461	-36.3					
26	21218	-39.9				24715	-39.4			27490	-39.7			32258	-36.3	
27	21207	-39.7				24707	-38.7			27495	-37.9					
28	21094	-39.6				24602	-38.1									
29	21066	-39.8		101	07	24572	-38.1	105	06	27370	-37.0	091	07	32240	-27.1	
30	21105	-39.0		065	04	24611	-38.8	072	07	27399	-37.0	087	05	32271	-29.4	
MN	21107	-41.1		*		24582	-40.9	*		27374	-38.5	*		32256	-30.9	*

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																								
	%	g	h	g	h	g	h	g	h	g	h	g	h	g	h	g	h	g	h	g	h	g	h	g	h	g	h	g	h			
01	75300	02	2	04	0										1	07	33	374	-46	0	301	0				9	06	74	408	250	18	
02	873	71	7	15	0										1	07	30	375	-45	0	302	0				1	07	69	355	293	35	
03	873	77	2	10	0										1	08	08	332	-45	5	312	0				1	03	00	681	268	25	
04	65500	85	2	10	0										2	07	25	376	-47	5	298	0				9	08	43	315	301	21	
05	855	02	1	04	0										1	08	48	320	-49	0	310	0				1	05	50	460	329	15	
06	25531	02	8	06	0										1	08	62	310	-51	2	310	0				1	01	50	440	279	16	
07	75500	02	1	05	0										1	08	91	300	-45	0	322	0				1	02	68	718	344	27	
08	854	02	3	03	0										1	07	84	356	-43	8	308	0				1	02	20	771	009	22	
09	75400	10	7	07	0										1	09	30	288	-47	7	322	0				1	01	75	815	329	15	
10	75400	02	1	03	0					0	72	929	1	58	833	1	10	27	254	-50	6	322	0			1	05	90	476	003	40	
11	00901	02	1	02	0										1	09	78	272	-52	2	321	0				9	18	90	070	040	13	
12	00901	10	2	04	2					0	10	012	1	49	851	2	08	96	305	-49	0	315	0			9	08	72	314	301	35	
13	863	02	7	06	1					0	51	959	0	51	959	1	08	67	318	-47	8	313	0			9	09	10	298	291	24	
14	71200	02	8	04	1					1	73	819	1	73	819	1	09	83	268	-51	6	322	0			4	07	90	359	289	38	
15	873	70	8	01	1					0	22	982	0	22	982	1	08	71	311	-48	0	314	0			1	08	18	337	264	30	
16	9	0	0	0	0										1	07	63	360	-44	2	307	0				9	06	50	424	270	20	
17	66300	71	2	13	0										1	09	30	284	-50	9	318	0				2	02	20	763	022	20	
18	861	10	3	12	3					0	21	985	2	03	787	1	10	41	246	-54	8	326	0			1	02	65	730	333	19	
19	00908	02	7	17	1					1	2	13	774	2	13	774	1	10	88	230	-50	4	339	0			2	06	51	435	292	27
20	860	10	3	09	1																											

JANUARY 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

Day	SURFACE				1000 MBS				950 MBS				900 MBS							
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mpa.				
																	°C	%	deg. mpa.	gpm.
01	1022	-28.8	69	360	04	0177	-29.3	60	014	06	0550	-26.6	66	019	05	0939	-23.8	70	006	07
02	1020	-35.0	50	360	03	0159	-32.9	54	017	04	0530	-28.4	67	056	05	0915	-24.3	73	070	04
03	1018	-30.6	60	060	02	0144	-29.8	66	067	06	0530	-24.6	73	066	07	0911	-20.7	76	067	07
04	1018	-35.4	48	000	00	0144	-35.6	56	000	00	0500	-29.1	66	192	01	0895	-27.1	71	113	03
05	1019	-40.0	00	000	00	0148	-35.8	39	000	00	0510	-30.1	58	085	05	0913	-31.0	61	058	06
06	1020	-39.7	00	000	00	0153	-37.4	44	000	00	0510	-33.8	57	023	05	0892	-32.4	64	032	06
07	1024	-41.1	345	02	0179	-36.8	42	354	04	0540	-32.7	57	017	06	0917	-33.3	64	016	06	
08	1025	-40.4	00	000	00	0190	-38.4	36	000	00	0560	-32.7	53	311	03	0931	-31.5	63	293	03
09	1029	-40.8	315	02	0216	-38.2	37	339	06	0590	-35.6	51	003	07	0952	-29.4	62	005	07	
10	1031	-41.0	310	07	0231	-34.9	67	335	09	0600	-31.6	73	352	12	0980	-26.9	75	004	12	
11	1025	-36.0	59	315	14	0193	-32.0	66	314	13	0570	-27.7	72	316	16	0950	-26.3	74	307	16
12	1016	-36.1	59	320	08	0132	-36.8	59	320	09	0480	-31.9	64	325	13	0775	-27.3	67	330	17
13	1001	-28.8	75	300	13	0026	-29.0	75	304	13	0390	-30.8	76	338	12	0873	-33.7	77	346	13
14	1011	-40.1	150	02	0093	-39.6	130	02	0450	-30.8	31	085	03	0834	-29.1	32	088	04		
15	1013	-32.8	73	000	00	0109	-32.1	57	000	00	0480	-32.0	64	308	04	0852	-31.1	82	322	05
16	1007	-30.3	54	310	04	0072	-32.1	57	310	04	0450	-27.5	66	330	08	0825	-29.8	77	361	08
17	1006	-28.7	57	300	15	0059	-28.5	61	300	15	0440	-22.9	73	313	16	0827	-21.9	77	325	16
18	1011	-28.6	72	270	13	0096	-26.6	73	270	18	0480	-23.3	73	295	18	0863	-22.8	77	295	19
19	1021	-33.2	63	200	03	0168	-33.9	67	235	08	0540	-27.5	69	295	14	0925	-25.5	72	298	14
20	1034	-34.4	61	290	02	0254	-25.2	68	302	06	0630	-22.7	67	318	10	1027	-21.9	51	310	13
21	1034	-36.0	59	000	00	0260	-27.2	63	335	05	0630	-22.2	65	355	07	1032	-20.8	47	357	07
22	1032	-32.8	55	000	00	0248	-27.7	72	002	06	0620	-19.7	65	010	08	1029	-17.0	53	008	08
23	1025	-25.9	63	180	03	0197	-	-	-	-	0580	-	-	-	0992	-11.7	28	-	-	
24	1028	-25.5	73	180	08	0221	-22.4	75	205	07	0610	-14.9	82	230	06	1015	-11.5	79	224	08
25	1023	-18.9	78	180	12	0190	-17.7	87	198	12	0590	-08.3	86	225	07	1006	-07.2	86	231	09
26	1025	-21.0	75	320	10	0201	-19.5	78	335	11	0590	-17.5	84	358	12	0991	-15.1	89	347	14
27	1023	-29.2	69	310	18	0179	-28.8	79	320	19	0560	-19.8	79	357	20	0964	-20.7	85	003	22
28	1023	-24.3	66	320	16	0185	-24.1	80	331	20	0560	-18.7	70	357	22	0955	-20.0	64	003	22
29	1024	-24.3	75	320	16	0194	-24.4	77	355	18	0570	-14.2	85	208	23	0984	-16.6	84	026	28
30	1025	-24.4	70	340	05	0198	-21.8	72	336	04	0580	-18.0	78	339	04	0984	-17.2	85	357	05
31	1025	-29.8	68	000	00	0194	-26.7	74	134	02	0560	-21.7	77	110	03	0968	-19.7	76	064	01
MN	1021	-32.1	65	*	168	-30.2	63	*	-25.2	68	*	-23.5	68	*						

Day	850 MBS				800 MBS				750 MBS				700 MBS							
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mpa.				
																	°C	%	deg. mpa.	gpm.
01	1353	-27.5	74	006	07	1791	-25.0	74	358	05	2260	-27.2	64	004	07	2752	-29.8	57	018	08
02	1333	-23.7	75	073	03	1775	-25.7	74	077	03	2240	-27.7	73	103	03	2735	-30.5	73	130	04
03	1333	-22.2	74	075	10	1780	-22.1	57	065	12	2270	-25.5	45	071	12	2748	-29.3	47	084	11
04	1306	-27.6	74	073	04	1742	-29.0	74	064	06	2210	-30.6	75	056	10	2691	-32.6	73	051	11
05	1297	-32.0	63	047	07	1725	-33.1	66	035	08	2180	-34.7	67	040	12	2657	-36.9	68	037	11
06	1295	-31.4	67	036	06	1723	-33.3	67	046	05	2180	-35.0	64	055	05	2653	-37.3	63	058	05
07	1320	-32.9	66	005	03	1749	-32.3	67	020	02	2200	-33.7	66	018	04	2680	-36.0	64	014	05
08	1336	-31.6	67	300	02	1765	-32.5	71	309	03	2220	-33.2	67	328	02	2704	-35.3	63	003	03
09	1361	-28.8	68	013	08	1795	-30.3	64	014	08	2260	-31.2	50	011	08	2738	-34.0	48	009	08
10	1391	-28.0	77	005	13	1825	-29.8	80	005	13	2280	-31.6	79	003	12	2769	-33.8	78	005	15
11	1362	-27.0	72	323	16	1799	-27.6	65	324	15	2260	-29.3	58	322	16	2751	-32.5	57	321	15
12	1287	-27.2	67	333	12	1724	-29.3	71	336	15	2180	-30.6	70	338	20	2673	-35.2	70	339	17
13	1176	-29.1	76	341	14	1612	-27.0	78	348	15	2080	-28.5	82	339	18	2569	-26.5	67	358	19
14	1243	-28.4	31	029	06	1678	-28.9	A19	023	08	2140	-29.0	81	027	11	2636	-22.0	59	016	09
15	1260	-18.4	61	303	08	1702	-23.4	78	345	09	2170	-21.5	81	003	11	2687	-22.0	59	016	09
16	1244	-18.7	75	354	06	1709	-16.0	63	003	06	2190	-18.5	55	346	06	2696	-21.0	47	355	06
17	1250	-20.5	77	338	16	1698	-22.4	76	340	10	2180	-24.8	73	330	14	2669	-27.9	72	328	10
18	1282	-23.8	78	293	17	1724	-25.2	78	300	24	2120	-26.0	77	290	24	2689	-29.7	76	313	19
19	1343	-22.5	50	304	13	1788	-24.1	43	305	13	2250	-27.5	57	301	16	2750	-29.9	69	300	17
20	1447	-22.5	39	312	10	1891	-24.6	37	315	10	2360	-26.5	54	321	11	2856	-27.2	A19	322	15
21	1455	-21.0	33	345	09	1904	-20.0	A17	349	12	2380	-20.1	A17	347	14	2890	-23.4	A18	342	16
22	1460	-15.2	37	008	09	1919	-15.2	A16	013	10	2400	-17.1	A17	010	11	2921	-17.5	A17	009	15
23	1430	-11.8	A16	161	04	1894	-13.0	A16	180	03	2370	-15.8	A16	219	02	2900	-19.2	28	316	02
24	1452	-12.1	67	255	08	1917	-12.6	80	330	10	2400	-14.1	72	340	15	2928	-17.2	45	326	14
25	1450	-09.4	86	232	10	1917	-11.7	87	253	11	2400	-15.0	87	256	13	2926	-18.6	84	257	16
26	1423	-16.6	88	340	13	1879	-17.2	54	330	12	2370	-17.9	A17	325	14	2875	-21.1	A18	320	17
27	1377	-20.9	75	001	28	1825	-21.6	74	007	27	2300	-24.3	74	009	27	2798	-27.6	73	009	28
28	1387	-22.2	68	360	26	1833	-23.4	63	360	28	2310	-24.7	60	360	30	2803	-27.4	60	360	28
29	1413	-16.5	77	022	36	1868	-19.0	72	020	36	2350	-20.0	66	021	35	2857	-21.8	65	024	34
30	1413	-16.7	82	360	09	1869	-16.7	68	005	08	2360	-18.7	43	357	06	2865	-21.9	38	355	06
31	1392	-19.7	43	320	01	1843	-20.6	A17	317	02	2300	-22.5	A18	324	03	2822	-25.0	A18	347	04
MN	1351	-23.1	65	348	08	1795	-23.6	60	*	-25.3	57	*	-27.6	54	*	10				

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Day

JANUARY 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

Day	600 MBS				500 MBS				400 MBS				300 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	3840	-34	1	A21 012 12	5095	-42	2	011 13	6572	-92	2	010 14	8406	-58	2	015 15
02	3815	-37	4	71 147 04	5053	-45	4	100 03	6512	-93	9	044 05	8332	-98	4	026 06
03	3830	-37	8	56 097 10	5062	-47	3	119 09	6500	-98	0	076 09	8309	-97	5	044 05
04	3765	-38	2	48 050 18	4996	-47	3	050 19	6447	-94	9	051 19	8270	-95	6	037 14
05	3712	-42	3	040 16	4929	-48	0	040 16	6382	-92	8	034 12	8232	-92	2	015 10
06	3706	-42	5	065 07	4956	-49	1	055 08	6364	-93	4	042 07	8224	-93	8	004 07
07	3742	-41	8	-	4956	-49	5	-	6400	-93	9	020 09	8248	-93	9	347 09
08	3767	-40	3	018 08	4994	-46	8	018 10	6446	-94	8	013 12	8290	-92	9	356 10
09	3803	-40	6	359 09	5027	-46	7	337 07	6479	-94	5	350 09	8319	-93	8	332 11
10	3837	-39	2	75 005 11	5071	-45	3	014 14	6533	-93	8	017 18	8366	-94	7	004 15
11	3822	-38	9	41 321 17	5057	-44	7	344 18	6523	-93	1	342 21	8355	-94	5	335 19
12	3739	-39	7	66 335 22	4973	-45	7	334 19	6432	-92	5	340 23	8272	-92	5	328 23
13	3663	-32	9	62 343 33	4927	-39	5	62 348 35	6424	-88	0	011 33	8305	-88	9	352 24
14	3753	-28	7	65 037 15	5040	-36	2	65 030 16	6450	-48	0	070 16	8400	-99	8	055 20
15	3804	-29	4	34 027 15	5078	-39	5	32 029 17	6580	-47	8	024 18	8431	-97	8	013 17
16	3814	-30	1	53 355 07	5082	-41	1	360 09	6561	-52	6	353 10	8387	-99	6	348 13
17	3761	-34	6	67 311 12	5017	-41	4	309 13	6499	-91	2	293 10	8343	-94	8	294 12
18	3772	-35	1	72 307 14	5036	-40	3	300 07	6533	-47	2	060 08	8397	-95	9	075 09
19	3836	-33	6	36 305 18	5095	-41	5	305 23	6587	-48	3	310 28	8453	-94	6	308 28
20	3953	-33	3	34 330 20	5217	-40	0	A22 328 22	6711	-48	3	322 36	8758	-93	6	318 33
21	4014	-25	0	A19 334 21	5314	-34	9	A21 325 23	6850	-40	6	329 45	8758	-93	0	327 63
22	4060	-24	2	A18 334 20	5378	-27	9	A19 338 32	6952	-37	4	335 41	8886	-49	7	328 71
23	4045	-21	0	77 280 09	5379	-26	6	80 294 12	6961	-36	5	77 299 21	8889	-52	5	288 33
24	4067	-24	5	A18 315 22	5369	-34	4	A21 312 20	6890	-46	5	320 22	8773	-49	4	314 23
25	4064	-23	8	79 282 16	5370	-32	0	64 281 28	6910	-40	5	292 37	8826	-48	9	305 34
26	4004	-25	5	A19 303 19	5300	-35	7	A21 303 18	6813	-44	7	293 19	8729	-45	8	298 23
27	3894	-30	8	63 023 24	5174	-36	4	45 010 26	6686	-46	9	009 28	8569	-48	9	351 30
28	3898	-33	9	54 002 19	5156	-41	4	002 21	6641	-50	6	357 18	8498	-93	0	360 25
29	3977	-28	5	62 024 32	5262	-36	4	57 023 33	6766	-48	8	023 40	8610	-99	1	027 43
30	3980	-29	2	68 008 08	5266	-35	3	65 358 11	6796	-43	6	004 16	8668	-98	4	001 18
31	3929	-31	4	A20 359 10	5201	-38	1	53 350 09	6701	-49	1	343 06	8544	-99	5	291 03
MN	3860	-33	2	51 *	5122	-40	5	45 *349 13	6613	-49	2	50 *349 16	8473	-94	0	341 18

Day	200 MBS				150 MBS				100 MBS				70 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	10972	-56	0	003 15	12794	-59	2	357 10	15304	-63	7	346 16	17479	-66	6	341 21
02	10907	-55	0	006 09	12737	-57	3	357 12	15279	-61	2	002 12	17479	-64	2	356 16
03	10904	-53	7	341 06	12750	-54	7	343 08	15327	-58	7	334 13	17554	-61	3	351 17
04	10886	-51	3	337 08	12755	-51	8	338 12	15368	-54	6	323 15	17639	-56	9	320 25
05	10878	-49	0	336 09	12761	-49	1	325 12	15411	-51	4	309 21	17721	-54	5	314 23
06	10891	-47	5	324 09	12794	-47	1	301 11	15475	-47	6	305 15	17821	-49	9	309 22
07	10912	-47	5	317 08	12819	-46	3	294 11	15495	-48	6	276 12	17835	-49	9	267 20
08	10946	-48	3	328 08	12842	-47	8	303 07	15529	-44	7	306 08	17900	-49	1	281 09
09	10976	-47	0	312 08	12882	-46	8	298 13	15581	-46	1	311 14	17929	-50	8	292 15
10	11012	-48	6	323 10	12919	-47	3	307 16	15604	-47	3	304 18	17947	-50	7	292 15
11	11098	-47	5	324 10	12899	-45	9	305 12	15589	-46	2	308 16	17949	-48	3	296 17
12	10940	-46	3	305 15	12850	-46	7	290 16	15541	-47	7	285 19	17892	-48	7	285 21
13	10980	-45	8	324 14	12896	-45	7	306 20	15592	-46	5	283 19	17950	-49	5	271 20
14	10993	-51	7	032 08	12874	-49	0	307 15	15527	-49	7	285 24	17870	-49	2	284 18
15	11010	-52	4	338 16	12886	-50	2	297 17	15538	-49	0	286 18	17882	-48	8	278 18
16	10971	-51	6	317 15	12846	-48	7	298 19	15514	-47	9	295 21	17853	-50	4	275 21
17	10948	-51	3	306 15	12820	-50	9	293 19	15472	-50	3	290 23	17793	-52	2	273 35
18	11000	-53	2	287 10	12856	-52	0	284 19	15486	-52	4	278 23	17792	-52	8	276 30
19	11041	-54	2	300 29	12884	-53	8	300 22	15489	-55	2	293 26	17784	-50	3	295 48
20	11172	-48	6	314 37	13007	-55	9	315 41	15594	-54	1	321 42	17894	-53	5	304 45
21	11317	-56	9	318 53	13136	-54	5	320 42	15758	-54	2	314 41	18039	-56	0	315 47
22	11450	-60	7	327 45	13270	-55	5	323 43	15866	-53	9	328 39	18152	-54	1	329 41
23	11458	-65	5	306 30	13304	-52	6	310 19	15928	-53	5	324 21	18237	-52	9	320 32
24	11446	-46	4	314 18	13353	-47	2	323 20	16028	-48	5	325 21	18364	-51	0	333 25
25	11515	-44	5	318 30	13439	-45	3	322 26	16119	-50	4	313 28	18439	-52	7	316 25
26	11466	-39	9	303 27	13412	-46	4	309 50	16076	-51	4	309 23	18392	-53	6	311 26
27	11268	-45	1	321 26	13186	-45	1	323 20	15586	-						
28	11118	-52	7	348 25	12979	-51	8	338 20	15586	-						
29	11134	-59	5	014 48	-											
30	11161	-62	0	004 14	12941	-61	8	353 20	15435	-66	5	341 19	17578	-68	9	340 24
31	11050	-62	0	334 10	12829	-62	3	333 14	15307	-67	0	330 17	17440	-71	0	335 17
MN	11088	-51	6	*327 18	12958	-51	2	*314 18	15580	-52	4	*307 19	17879	-54	2	*

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	3802	-37	0	77 055 04	5044	-44	5	022 02	6509	-93	6	350 02	8339	-97	5	356 07
02	3815	-38	9	56 180 06	5041	-47	5	022 06	6481	-96	5	137 02	8288	-98	3	007 05
03	3804	-37	0	66 058 17	5038	-47	4	063 16	6482	-96	6	058 22	8288	-97	5	035 06
04	3726	-41	6	045 12	4946	-47	6	045 16	6400	-93	3	037 17	8241	-94	8	025 11
05	3692	-42	3	040 12	4908	-48	2	025 13	6362	-92	4	024 13	8224	-90	6	017 11
06	3722	-42	7	036 05	4930	-51	2	040 08	6363	-95	5	027 09	8210	-91	8	015 08
07	3751	-41	8	356 07	4969	-48	4	360 08	6415	-95	0	006 10	8252	-92	1	340 08
08	3787	-39	9	40 350 08	5010	-47	9	327 13	6459	-94	0	340 19	8296	-94	6	341 12
09	3814	-40	0	63 002 08	5040	-47	8	355 08	6491	-94	5	350 08	8335			

JANUARY 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. SPECIAL AEROLOGICAL DATA

Table with columns for Day, Altitude, Temp., R.H., Wind, and sub-columns for 50 MBS, 30 MBS, 20 MBS, and 10 MBS.

Table with columns for Day, 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 Day, Altitude, Temp., R.H., Wind, and sub-columns for 50 MBS, 30 MBS, 20 MBS, and 10 MBS.

Table with columns for Day, 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

FEBRUARY 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

DT	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	-23	7	67 180	12	0130	-24	4	76	183	09	0500	-19	7	79	19
02	1008	-27	3	77 180	09	0080			55	0000	00	0460	-19	5	77	205
03	1000	-33	0	55 0000	00	0023	-33	0	55	0000	00	0400	-26	8	62	194
04	1005	-28	4	76 0000	00	0057	-28	5	75	290	01	0440	-26	7	70	304
05	1014	-36	8	58 0000	00	0113	-36	0	59	1	0	0480	-31	7	65	1
06	1014	-30	1	68 220	08	0115	-29	9	71	230	09	0490	-26	1	72	256
07	1016	-35	0	61 0000	00	0129	-31	5	62	0000	00	0510	-24	1	66	225
08	1013	-28	6	70 180	03	0114	-26	2	58	180	06	0480	-20	8	41	175
09	1007	-26	4	67 190	08	0071	-26	4	71	200	11	0450	-24	6	82	215
10	1012	-27	2	46 310	11	0102	-25	9	70	310	10	0480	-24	2	77	315
11	1022	-33	6	54 0000	00	0176	-27	1	49	030	03	0550	-25	7	55	042
12	1027	-39	1	330	04	0202	-36	2	56	013	06	0550	-29	5	69	025
13	1033	-37	1	340	08	0250	-28	5	67	335	14	0620	-25	4	75	340
14	1024	-32	3	65 300	14	0189	-33	0	68	315	14	0550	-30	8	73	335
15	1027	-32	4	65 310	16	0210	-28	3	66	325	19	0580	-22	8	57	347
16	1019	-24	1	71 295	10	0160	-24	3	77	298	14	0540	-21	7	82	304
17	1012	-35	9	47 010	02	0105	-36	4	45	357	02	0480	-20	4	61	045
18	1018	-28	9	63 340	06	0146	-25	5	69	360	06	0520	-24	8	73	024
19	1019	-32	4	57 360	02	0155	-33	5	62	325	06	0510	-21	9	73	314
20	1014	-38	2	340	08	0117	-38	3	70	348	08	0480	-32	9	68	018
21	1020	-39	4	150	02	0155	-31	8	50	265	03	0530	-26	7	67	343
22	1018	-34	5	61 045	01	0142	-33	6	67	255	05	0520	-23	7	68	265
23	1009	-29	7	61 200	04	0086	-30	3	62	220	05	0440	-33	1	67	248
24	1002	-26	1	47 315	04	0032	-35	9	48	315	04	0390	-29	6	55	298
25	0995	-29	6	53 300	05	0014	-32	9	46	340	05	0340	-29	7	63	299
26	0996	-28	9	75 245	08	-009			04	0360	-31	7	66	314	05	0741
27	1008	-40	8	340	04	0076	-38	3	34	7	04	0430	-29	7	57	030
28	1015	-38	1	090	01	0121	-37	6	37	155	02	0490	-29	8	45	297
MN	1014	-32	4	63 *		115	-31	2	62 *		485	-26	5	66 *		876

DT	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	1331	-22	5	83	217	12	1778	-19	7	80	230	13	2260	-21	6	80	
02	1280	-20	1	75	217	12	1729	-21	2	74	230	13	2100	-22	0	67	
03	1200						1646						2230	-23	2	69	
04	1225	-29	8	78	275	02	1661	-26	0	58	290	05	2120	-28	3	67	
05	1266	-29	7	58			1698	-30	3	50			2170	-30	4	39	
06	1295	-22	2	55	265	15	1742	-22	5	33	264	14	2210	-24	5	A18	
07	1321	-18	9	58	292	03	1775	-19	9	53	290	02	2360	-21	4	50	
08	1318	-18	2	49	204	13	1771	-20	0	67	235	07	2250	-21	0	75	
09	1266	-17	0	91	222	05	1724	-16	1	92	225	04	2220	-16	9	91	
10	1287	-24	1	78	317	12	1733	-20	3	75	312	16	2200	-22	5	68	
11	1355	-26	0	65	005	02	1793	-27	7	69	340	01	2250	-29	8	71	
12	1362	-28	7	63	026	09	1797	-28	7	60	037	10	2250	-30	7	A20	
13	1424	-26	9	75	343	13	1863	-27	8	74	340	13	2330	-29	8	64	
14	1341	-30	4	76	335	19	1772	-31	9	76	335	16	2240	-34	0	75	
15	1402	-21	4	81	340	23	1853	-20	8	82	347	18	2320	-22	2	A18	
16	1365	-18	9	63	342	08	1815	-21	0	82	344	10	2290	-25	9	83	
17	1302	-19	9	77	065	04	1751	-22	8	79	048	04	2220	-26	3	78	
18	1337	-22	6	77	006	03	1780	-26	1	76	017	03	2250	-29	8	75	
19	1337	-24	7	71	307	13	1780	-24	8	66	302	10	2250	-25	2	62	
20	1276	-25	2	78	027	14	1717	-26	3	76	043	12	2180	-27	4	73	
21	1335	-23	5	71	350	07	1778	-23	9	63	347	06	2250	-25	0	49	
22	1330	-21	3	76	275	07	1774	-23	4	77	273	07	2250	-26	2	76	
23	1253	-24	9	76	271	14	1695	-25	0	74	276	17	2170	-28	8	72	
24	1189	-27	0	71	324	07	1627	-27	2	72	325	07	2090	-29	8	72	
25	1148	-27	2	74	344	10	1587	-24	7	77	343	15	2050	-22	8	79	
26	1163	-21	9	77	312	18	1608	-23	6	82	310	22	2090	-23	5	80	
27	1234	-25	4	53	027	06	1677	-22	4	43	008	08	2170	-23	6	A18	
28	1287	-24	0	67	344	06	1731	-23	9	70	349	05	2210	-25	0	67	
MN	1294	-23	8	71	315	06	1738	-24	0	67 *		2210	-25	6	63 *		2705

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

DT	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	-22	9	76 180	12	0103	-23	2	78	191	15	0480	-17	6	79	225
02	1004	-29	8	56 150	06	0047	-29	6	58	155	03	0420	-26	0	71	190
03	1002	-29	9	55 0000	00	0033	-29	9	54	0000	00	0400	-26	5	51	315
04	1009	-34	8	61 0000	00	0082	-33	7	59	0000	00	0440	-30	2	61	282
05	1014	-32	8	73 190	09	0119	-32	6	72	221	10	0480	-26	4	67	253
06	1014	-32	3	57 0000	00	0115	-29	9	57	0000	00	0480	-25	1	67	277
07	1016	-33	1	54 140	01	0134	-28	8	57	165	07	0500	-19	4	44	178
08	1010	-24	2	70 190	14	0092	-24	5	72	189	15	0460	-20	8	70	187
09	1006	-21	7	74 240	07	0061	-21	5	75	244	07	0440	-21	9	77	235
10	1020	-35	1	71 340	05	0156	-30	8	66	025	05	0510	-25	2	50	055
11	1023	-33	9	62 320	05	0183	-30	0	56	334	05	0550	-27	1	58	348
12	1032	-45	3	360	05	0237	-32	8	40	356	10	0600	-26	6	47	344
13	1031	-37	7	330	07	0231	-33	4	72	305	08	0400	-28	1	78	304
14	1031	-38	3	320	02	0214	-37	4	80	336	11	0570	-30	2	67	359
15	1025	-31	3	59 300	12	0192	-31	6	72	310	16	0560	-21	4	69	319
16	1012	-30	6	67 290	08	0104	-30	7	67	292	08	0490	-22	0	63	294
17	1015	-27	9	71 330	03	0127	-28	8	72	335	04	0500	-27	3	68	349
18	1022	-29	8	61 270	03	0174	-27	8	66	350	05	0550	-22	4	82	043
19	1010	-31	0	66 330	07	0093	-31	1	67	330	07	0450	-31	8	70	340
20	1017	-39	8	340	02	0135	-39	0	34	9	06	0510	-27	5	76	007
21	1020	-38	1	000	02	0156	-32	5	280	03	0520	-25	8	66	283	
22	1014	-28	4	70 220	09	0118	-26	2	75	242	09	0500	-25	4	78	268
23	1005	-35	3	37 0000	00	0058	-34	4	41	286	01	0470	-31	3	50	268
24	0997	-32	2	65 270	10	-004			03	360	-34	4	70	290	09	0736
25	0994	-26	9	67 0000	00	-022			03	520	-28	8	68	296	08	0742
26	1003	-37	2	57 320	05	0038	-37	2								

MOULD BAY, N.W.T.

FEBRUARY 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

Table with columns for Day, Altitude, Temp., R.H., Wind (600 MBS, 500 MBS, 400 MBS, 300 MBS) and a summary row for MN 3801-33 2 55 * 5062 -40 9 55 304 07 6548 -50 3 304 08 8385 -59 0 302 10

Table with columns for Day, Altitude, Temp., R.H., Wind (200 MBS, 150 MBS, 100 MBS, 70 MBS) and a summary row for MN 10935 -56 4 303 15 12756 -57 2 297 18 15304 -59 1 296 22 17536 -60 1 *

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, Altitude, Temp., R.H., Wind (600 MBS, 500 MBS, 400 MBS, 300 MBS) and a summary row for MN 3794 -33 8 57 * 5052 -41 5 45 306 07 6535 -50 9 308 08 8366 -59 7 301 10

Table with columns for Day, Altitude, Temp., R.H., Wind (200 MBS, 150 MBS, 100 MBS, 70 MBS) and a summary row for MN 10907 -57 3 306 13 12725 -58 0 296 17 15269 -59 7 296 22 17495 -61 0 *

A Statistical Value for Relative Humidity

* Vector Mean Wind

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

MOULD BAY, N.W.T.

FEBRUARY 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

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01																
02																
03	19240			252 24												
04	19196	-73.0		262 35	22284	-73.3	267 41									
05	19274	-70.7		278 15	22397											
06	19410	-71.6		275 52	22542	-75.5	275 49	24883	-75.0							
07	19532	-68.5		275 48	22700	-70.8	274 51									
08	19648	-67.4		259 47	22773	-65.0	262 58	25246	-66.0							
09	19669	-66.4		260 51	22760											
10	19616	-63.0		270 43	22811	-57.5	275 47									
11	19602	-59.8		295 40	22775	-56.5	289 62	25361	-54.5	286 76						
12	19551	-59.0		304 53	22951	-54.3	292 49	25572	-52.0	298 54						
13	19681	-55.7		311 48	23129	-47.7	309 79	25770	-54.0	299 76						
14	19766	-49.8		320 44												
15	19912	-52.9														
16																
17	19965	-51.5		311 35	23264	-53.1	307 46									
18																
19	19896	-56.2		318 43	23153	-55.6	312 67	25733	-57.8	300 51	30121	-54.4				
20	19864	-57.0		310 39	23098	-56.9	314 60	25686	-53.9	297 55	30091	-58.5		300	53	
21	19856	-57.0		307 40	23073	-58.3	300 49	25623	-59.2	304 46						
22	19705	-61.0		300 44	22890	-60.6	299 57	25415	-59.9	300 65						
23	19548	-63.0		297 46	22712	-60.7	307 44	25242	-58.5							
24	19497	-60.2		302 35	22702	-57.3	300 43	25282	-54.5	314 55						
25	19394	-60.6		306 36	22612	-56.7	311 58	25206	-53.1	310 65						
26	19419	-59.1		315 51	22659	-54.4	-	25253	-53.8	304 60						
27	19716	-52.7		315 44	23009	-54.7	309 49									
28	19935	-50.7		304 26	23274	-51.1	305 35	25931	-47.9	303 31	30534	-46.2		309	41	
MN	19621	-60.3		* 292 39	22837	-58.9	*	25443	-57.2	*	30249	-53.0	*			

Day	SURFACE SYNOPSIS DATA										FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL					
	% _s	% _t	% _w	% _g	ww	oppp	Alt. gpm.	Pres mb.	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.	Temp. °C	°A	Alt. gpm.	Pres mb.	Velocity deg. mps.	
01	864	—	38	7	15	0																						
02	00909	10	6	12	0																							
03	00901	01	7	04	0																							
04	76500	71	2	08	0																							
05	30947	10	2	11	0																							
06	10941	01	7	04	0																							
07	00901	02	1	06	0																							
08	60970	03	8	12	0																							
09	4567	—	03	8	04	0																						
10	10940	01	2	16	0																							
11	20930	03	1	02	0																							
12	20940	02	2	14	0																							
13	4637	—	10	6	02	0																						
14	862	—	38	8	14	0																						
15	45430	38	3	02	0																							
16	861	—	38	8	23	0																						
17	00900	01	2	04	0																							
18	26470	10	1	10	0																							
19	16440	10	7	15	0																							
20	26240	10	1	12	0																							
21	10940	01	1	08	0																							
22	66230	10	8	06	0																							
23	26470	10	6	09	0																							
24	30990	10	8	17	0																							
25	6623	—	10	7	03	0																						
26	6627	—	71	2	13	0																						
27	10940	10	2	13	0																							
28	30970	03	5	00	0																							
MEAN																												

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01																
02	19212	-76.5		262 17	22124	-80.7	262 13									
03	19197	-74.4		253 16	22149											
04	19175	-73.2		258 24	22169	-74.3	257 24	24507	-77.5	258 25						
05	19297	-71.7		265 24												
06	19431	-71.1		274 45	22401	-78.5	268 46	24715	-79.0	276 54	28746	-68.9		275	40	
07	19510	-70.4		269 22	22506	-75.4	273 40	24850	-74.0							
08	19618	-68.4		266 42	22669	-69.6	266 52	25086	-71.2	266 66						
09	19573	-65.1		255 38	22697	-63.4	256 34	25167	-66.8	259 44	29403	-64.3		268	46	
10	19555	-62.6		263 24	22725	-58.4	263 36	25284	-57.8	264 42	29735	-50.3		265	90	
11	19533	-59.3		284 34	22730	-58.0	282 90	25305	-55.3	281 80	29739	-55.2				
12	19576	-59.2		303 46	22802	-54.8	300 58	25399	-52.8							
13	19620	-55.4		306 48	22927	-52.3	304 49	25586	-49.9	313 76						
14	19740	-52.9		309 40	23049	-52.7		25661	-56.5		30143	-50.1				
15	19843	-54.0		329 50	23144	-53.9	311 43	25750	-51.0							
16	19917	-54.5		318 38	23200	-53.6	315 58	25822	-53.4	307 48	30292	-52.9		303	61	
17	19929	-52.4		313 37	23212	-54.0	305 42	25814	-53.5	289 52	30262	-53.0		302	80	
18	19803	-56.9		312 37	23048	-57.0	307 40	25631	-54.8	297 45	30032	-58.8		300	72	
19	19807	-57.7		314 44	23030	-56.7	305 50	25592	-58.5							
20	19762	-60.8		318 36	22974	-57.8	300 50	25529	-56.6	307 60	29909	-60.0		301	55	
21	19691	-60.8		305 37	22869	-59.4	300 57	25398	-60.2	300 62	29778	-54.2		311	60	
22	19547	-63.7		304 43	22686	-63.6	302 52	25197	-61.4	300 83	29591	-50.5		310	86	
23	19459	-61.6		301 39	22633	-58.7	303 42	25180	-59.0	305 71	29603	-49.1		318	56	
24	19407	-61.2		311 33	22598	-58.5	310 50	25157	-56.5	308 68	29608	-52.3				
25	19318	-61.2		309 39	22540	-56.7	303 56	25143	-53.0	312 65						

MARCH 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

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	1013	-36.0	59	000	00	0111	-35.2	58	000	00	0470	-30.8	56	207	02	0860	-26.8	67	230	01
02	1014	-37.7		340	05	0112	-36.4		338	05	0480	-30.2	70	350	07	0862	-25.4	76	350	09
03	1021	-37.7		330	06	0161	-33.4	47	330	07	0520	-27.0	62	345	08	0918	-27.3	67	356	08
04	1022	-41.6		330	02	0170	-41.2		335	03	0540	-27.1	61	018	08	0922	-27.6	70	016	10
05	1025	-34.1	53	040	04	0191	-32.8	64	050	06	0570	-25.5	69	065	14	0952	-22.1	54	065	14
06	1022	-31.9	50	360	07	0185	-27.0	69	018	08	0560	-23.3	71	051	13	0955	-21.7	58	044	11
07	1024	-37.9		000	00	0182	-36.9		000	00	0550	-23.6	50	150	07	0943	-21.1	44	129	09
08	1025	-37.5		220	05	0191	-38.0		241	07	0560	-32.0	63	251	09	0940	-21.0	58	258	11
09	1026	-37.9		220	06	0193	-36.1	64	334	07	0560	-29.3	70	349	10	0945	-27.9	74	347	10
10	1028	-38.6		340	08	0207	-35.5	47	308	08	0580	-29.5	66	314	09	0957	-29.4	70	322	11
11	1025	-38.2		330	05	0191	-37.5		321	06	0550	-31.8	56	315	09	0950	-28.2	66	323	10
12	1026	-39.0		345	06	0192	-38.0	47	331	06	0560	-28.4	68	347	07	0944	-26.9	76	342	11
13	1028	-38.4		000	00	0214	-31.8	41	000	00	0570	-26.2	55	026	07	0975	-25.6	68	028	10
14	1030	-37.9		340	05	0224	-35.4	53	018	06	0570	-33.6	60	035	11	0963	-32.5	62	029	14
15	1030	-37.9		340	05	0225	-33.9	53	010	06	0590	-27.8	64	024	08	0981	-26.2	68	027	10
16	1020	-30.3	60	330	06	0159	-29.0	65	347	06	0520	-28.6	68	013	10	0925	-15.0	81	019	13
17	1025	-30.8	31	000	00	0194	-30.2	32	096	03	0560	-25.0	30	093	08	0957	-25.4	33	066	08
18	1023	-35.6	37	320	04	0176	-34.9	45	328	06	0550	-33.0	63	335	08	0921	-27.3	61	338	08
19	1022	-26.5	67	330	12	0174	-25.3	72	026	13	0550	-20.0	68	032	14	0951	-21.6	67	031	13
20	1024	-30.2	55	340	06	0193	-28.1	70	357	09	0560	-21.3	63	012	12	0967	-20.3	45	015	12
21	1023	-28.8	63	350	08	0181	-29.7	67	358	10	0550	-27.5	75	012	11	0941	-20.7	81	023	15
22	1027	-28.7	63	340	11	0201	-26.3	77	354	11	0590	-20.6	79	006	10	0985	-18.0	74	010	14
23	1030	-28.9	69	340	08	0231	-26.3	58	358	08	0600	-20.7	63	027	07	0996	-19.8	73	010	07
24	1032	-26.0	69	340	13	0254	-18.6	72	025	12	0630	-27.7	75	041	14	1036	-20.5	71	040	15
25	1037	-31.2	52	340	07	0281		358	11	0660	-23.0	61	017	12	1054	-21.2	50	024	13	
26	1036	-31.6	50	330	05	0269	-28.0	62	010	08	0650	-20.0	64	025	09	1047	-19.4	26	021	09
27	1034	-32.0	49	310	06	0256	-28.5	47	015	06	0630	-22.0	53	016	11	1031	-19.8	42	020	13
28	1034	-30.8	44	360	03	0258	-32.4	55	037	07	0640	-26.4	62	029	08	1017	-24.4	61	054	10
29	1031	-29.0	48	000	00	0236	-32.2	43	360	03	0610	-23.3	56	017	07	1012	-22.1	60	030	08
30	1025	-31.7	46	320	07	0192	-32.1	63	333	07	0550	-28.4	70	346	10	0953	-21.5	72	340	14
31	1029	-34.2	51	350	09	0225	-28.4	65	357	07	0600	-26.4	73	019	09	0987	-23.9	74	027	11

MN

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	1273	-25.9	73	250	02	1712	-26.8	76	240	03	2180	-28.5	79	235	03	2669	-30.8	81	245	05
02	1276	-25.8	76	349	06	1715	-26.9	75	345	08	2180	-28.4	74	341	09	2672	-30.8	70	334	07
03	1329	-27.6	72	357	09	1764	-30.0	74	359	11	2220	-31.4	66	356	15	2709	-33.4	52	355	18
04	1333	-28.3	67	011	10	1768	-29.1	61	016	11	2230	-30.6	49	019	10	2716	-32.3	38	030	09
05	1372	-22.5	32	064	15	1816	-24.5	39	065	15	2280	-26.2	06	16	2783	-28.4	A19	067	15	
06	1376	-22.2	42	053	08	1821	-24.4	39	068	07	2290	-26.8	39	047	08	2784	-29.1	39	028	09
07	1363	-23.6	45	128	08	1806	-25.4	42	119	05	2270	-24.8	55	128	03	2776	-26.0	62	135	04
08	1362	-20.8	48	254	11	1810	-22.3	53	251	08	2290	-24.4	56	251	06	2782	-27.1	38	235	08
09	1354	-28.9	75	350	09	1788	-31.6	77	345	08	2240	-34.4	78	332	09	2722	-36.9	77	324	09
10	1364	-30.0	71	328	10	1793	-32.5	72	327	11	2250	-34.3	72	325	12	2727	-36.3	73	324	13
11	1344	-29.4	67	327	11	1776	-31.2	68	326	12	2230	-31.6	70	332	14	2720	-33.0	70	335	16
12	1357	-26.1	80	344	11	1796	-27.1	79	344	14	2270	-28.2	78	345	16	2752	-30.5	74	345	15
13	1388	-26.6	64	024	12	1825	-28.4	49	018	13	2290	-30.3	53	012	12	2775	-32.2	57	008	12
14	1367	-31.0	58	025	16	1799	-30.3	52	024	19	2260	-31.0	47	025	20	2745	-32.7	45	026	20
15	1395	-26.0	70	032	09	1833	-27.6	73	040	11	2300	-22.8	72	036	13	2792	-28.4	69	036	12
16	1357	-15.8	77	021	13	1812	-18.6	73	020	13	2290	-21.0	65	018	11	2797	-24.3	58	025	11
17	1371	-25.0	30	063	09	1813	-25.2	A19	048	13	2290	-26.0	A19	041	16	2778	-25.0	A19	036	18
18	1335	-24.4	64	342	09	1778	-24.0	61	008	12	2260	-24.1	53	022	17	2751	-26.9	40	028	18
19	1371	-23.1	64	027	16	1816	-23.0	61	026	15	2300	-22.8	57	017	16	2793	-25.5	55	340	09
20	1390	-21.5	40	019	11	1836	-23.8	50	011	13	2300	-24.9	38	006	14	2806	-26.1	A19	011	13
21	1366	-18.4	85	022	13	1819	-19.0	83	023	14	2300	-21.4	76	022	15	2804	-24.0	72	028	17
22	1410	-20.1	72	010	13	1858	-21.7	69	005	13	2320	-23.2	67	360	15	2835	-25.7	64	357	14
23	1421	-19.7	74	012	06	1870	-22.1	74	017	04	2350	-24.7	73	016	05	2842	-27.4	73	021	08
24	1459	-20.1	67	037	17	1909	-20.6	65	036	18	2380	-22.0	64	035	18	2892	-23.7	63	035	16
25	1475	-22.7	32	029	13	1921	-23.0	A18	018	17	2400	-23.5	A18	019	17	2895	-26.9	A19	013	15
26	1454	-20.7	27	033	09	1917	-23.2	30	020	09	2390	-26.5	34	021	10	2882	-29.0	33	028	13
27	1454	-21.9	38	024	13	1899	-24.2	51	014	14	2370	-26.7	53	010	15	2863	-29.2	39	005	16
28	1435	-22.7	71	046	12	1881	-22.6	68	045	14	2350	-23.6	62	042	13	2855	-26.4	50	042	12
29	1432	-22.7	49	030	08	1878	-23.6	52	030	08	2350	-26.2	60	038	08	2844	-29.8	52	033	08
30	1374	-22.3	66	335	13	1819	-23.8	56	332	15	2290	-25.8	42	330	16	2784	-29.0	37	326	18
31	1404	-24.1	68	021	13	1847	-23.3	60	023	14	2310	-26.3	43	025	15	2812	-29.3	32	025	16

MN

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	1012	-39.8		000	00	0099	-34.5	36	000	00	0470	-29.4	51	334	01	0849	-26.5	63	356	02
02	1019	-43.2		320	05	0145	-38.2	35	-		0500	-30.3	47	-		0943	-25.8	57	-	

MARCH 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

STATION	600 MBS				500 MBS				400 MBS				300 MBS								
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind					
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.					
01	3750	-35.9	77	271	10	4998	-43.4	4	277	16	6468	-52.4	4	276	17	8303	-57.8	8	282	15	
02	3753	-36.9	66	327	10	4995	-44.5	5	309	16	6463	-51.7	8	309	16	8311	-54.8	8	300	17	
03	3778	-39.4	34	351	19	5008	-46.3	3	350	20	6475	-51.0	0	339	25	8322	-55.8	8	326	22	
04	3793	-36.7	53	046	13	5041	-42.7	7	056	15	6518	-51.6	6	065	15	8348	-58.3	3	066	13	
05	3875	-34.4	A21	072	14	5135	-41.1	1	094	06	6624	-49.9	9	137	08	8451	-62.0	0	108	09	
06	3878	-33.2	A21	082	07	5136	-41.0	0	052	05	6627	-50.0	0	039	02	8454	-62.5	5	257	03	
07	3884	-31.8	32	122	08	5147	-41.3	5	138	08	6632	-50.3	3	355	02	8458	-61.5	5	318	06	
08	3877	-34.2	36	234	11	5129	-42.9	9	230	09	6607	-52.5	5	233	14	8420	-59.9	9	273	13	
09	3775	-42.9	31	09	4987	-49.7	7	296	09	6429	-53.3	3	287	10	8277	-53.5	0	278	13		
10	3763	-42.3	32	326	14	4996	-49.4	4	322	14	6438	-53.3	3	324	14	8251	-57.0	0	314	13	
11	3793	-38.8	62	346	19	5022	-47.4	4	340	18	6464	-56.6	6	338	22	8276	-66.9	4	325	17	
12	3834	-37.9	48	48	16	5072	-45.1	4	335	17	6536	-52.6	6	330	17	8347	-62.6	6	304	12	
13	3849	-38.0	56	358	13	5084	-46.0	0	350	13	6537	-54.6	4	352	26	8344	-60.4	4	333	12	
14	3813	-39.5	41	021	22	5043	-46.5	0	015	23	6493	-54.3	3	011	25	8325	-55.6	6	355	20	
15	3885	-33.5	39	053	08	5143	-42.0	0	084	07	6615	-53.1	4	071	07	8439	-57.1	0	046	09	
16	3913	-29.8	48	018	11	5185	-40.0	0	53	030	12	6675	-50.0	1	030	12	8522	-56.0	0	345	11
17	3868	-34.4	A21	035	17	5124	-41.4	4	040	20	6611	-49.8	8	043	25	8468	-53.0	0	041	25	
18	3846	-34.3	38	025	19	5098	-42.4	4	020	22	6576	-51.4	4	017	22	8435	-52.5	5	009	25	
19	3896	-32.9	52	285	07	5154	-42.3	3	317	08	6627	-53.3	3	300	08	8485	-51.2	5	312	10	
20	3904	-32.5	A20	011	11	5166	-42.2	2	012	09	6651	-48.1	1	353	09	8536	-48.0	0	328	12	
21	3914	-31.0	78	033	16	5184	-39.1	62	035	17	6680	-49.3	0	040	18	8546	-51.5	5	027	06	
22	3938	-32.3	60	357	12	5199	-41.0	0	335	10	6685	-50.1	1	325	09	8555	-50.0	0	334	09	
23	3938	-34.0	55	048	10	5196	-40.6	0	049	14	6691	-48.2	2	058	19	8570	-49.9	9	060	11	
24	4006	-29.4	61	030	11	5288	-37.3	3	025	07	6800	-46.2	2	014	05	8664	-36.9	9	030	04	
25	3990	-34.0	A21	005	13	5288	-41.7	7	005	12	6733	-49.6	2	057	09	8595	-53.1	0	333	09	
26	3972	-34.2	A21	024	12	5228	-41.2	2	026	12	6718	-49.1	8	360	03	8574	-51.8	8	356	07	
27	3952	-34.8	A21	006	15	5206	-41.6	6	021	15	6694	-49.2	2	030	14	8565	-59.1	1	002	06	
28	3955	-32.1	33	060	09	5236	-38.5	5	020	05	6726	-48.7	7	027	05	8579	-53.3	3	347	06	
29	3933	-35.1	36	029	08	5186	-41.8	8	347	06	6672	-49.6	6	349	08	8536	-49.0	0	332	10	
30	3869	-36.1	A21	326	19	5117	-42.4	4	334	23	6600	-48.5	5	335	20	8494	-47.0	0	335	15	
31	3900	-35.2	A21	028	20	5150	-42.8	8	034	25	6633	-48.4	4	028	18	8537	-44.5	5	006	15	
MN	3875	-35.1	43	*	5125	-42.8	49	* 6	10	6603	-51.0	*	357	10	8451	-54.6	*	340	09		

STATION	200 MBS				150 MBS				100 MBS				70 MBS							
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind				
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	10910	-50.6	2	281	18	12790	-49.2	2	283	15	15453	-49.5	5	287	21	17799	-48.2	8	298	20
02	10957	-47.6	6	288	15	12852	-47.7	7	291	20	15529	-47.7	7	290	14	17895	-45.7	2	284	17
03	10957	-50.0	0	307	24	12845	-47.7	7	288	22	15534	-46.6	3	279	24	17921	-45.0	8	285	26
04	10964	-50.4	4	319	09	12850	-47.7	7	307	16	15550	-45.8	8	280	20	17925	-45.0	0	281	26
05	11000	-53.4	4	270	04	12865	-51.1	1	260	16	15521	-47.7	7	259	25	17895	-46.4	4	264	29
06	10993	-54.9	9	274	08	12848	-51.9	9	268	15	15516	-46.4	5	270	22	17921	-42.4	4	271	22
07	11020	-52.6	6	279	11	12899	-47.4	4	290	15	15610	-43.9	9	280	20	18012	-43.2	7	272	19
08	11007	-49.4	4	277	15	12911	-45.6	6	279	17	15620	-41.4	4	274	21	18037	-41.7	2	273	18
09	10915	-49.9	9	273	16	12817	-44.7	7	269	19	15550	-41.9	9	260	22	17985	-40.6	6	262	19
10	10873	-50.0	0	288	16	12764	-46.6	6	282	21	15492	-40.2	2	274	24	17947	-36.9	9	271	16
11	10892	-50.7	7	286	14	12771	-47.8	8	286	21	15484	-41.8	8	277	26	17946	-35.8	7	269	24
12	10924	-53.0	0	304	12	12767	-47.8	8	286	15	15449	-43.7	7	259	17	17870	-40.8	2	259	24
13	10924	-53.0	0	293	14	12786	-51.5	5	279	18	15442	-47.3	3	260	19	17836	-41.0	0	262	28
14	10932	-52.6	6	303	13	12796	-50.5	5	280	19	15466	-46.2	2	270	27	17858	-42.1	1	262	31
15	11034	-53.8	8	345	09	12902	-49.9	9	292	16	15567	-46.5	5	280	27	17954	-44.4	4	270	29
16	11126	-52.8	8	312	17	12990	-50.5	5	298	20	15648	-47.3	3	286	24	18027	-44.1	1	290	22
17	11107	-47.8	8	356	20	13009	-47.1	1	328	20	15719	-44.4	4	270	24	18121	-43.1	1	286	16
18	11103	-44.7	8	338	14	13032	-43.5	5	311	12	15777	-42.9	9	264	11	18176	-44.5	5	270	10
19	11166	-46.0	0	295	13	13100	-41.7	7	268	13	15854	-41.5	5	276	11	18250	-43.5	2	270	06
20	11240	-43.3	3	293	12	13176			313	08	15926	-40.8	8	308	07	18341	-42.5	5	268	04
21	11237	-44.2	2	317	09	13180	-42.7	7	322	08	15941	-42.0	0	292	06	18347	-43.1	1	315	04
22	11253	-44.6	6	327	08	13195	-42.8	8	325	06	15926	-43.3	3	313	08	18329	-44.0	0	298	04
23	11260	-44.5	5	322	07	13190	-43.2	8	320	07	15930	-43.5	5	313	08	18329	-44.5	2	332	06
24	11279	-47.2	2	324	07	13202	-44.0	0	320	07	15930	-43.5	5	313	08	18329	-44.5	2	332	06
25	11274	-43.9	9	336	08	13205	-43.9	9	328	08	15926	-42.9	9	311	05	18338	-43.7	7	339	07
26	11265	-44.1	1	332	05	13199	-42.0	0	323	06	15926	-42.5	5	307	08	18364	-44.0	0	005	06
27	11273	-44.6	6	320	08	13218	-42.2	2	340	06	15963	-40.7	5	360	09	18392	-44.4	4	033	07
28	11274	-42.4	6	330	10	13224	-41.0	0	341	10	15983	-40.2	5	360	09	18392	-44.4	4	033	07
29	11265	-41.0	0	328	10	13226	-40.6	0	350	10	15992	-41.9	0	322	06	18395	-44.1	1	031	02
30	11243	-41.2	2	326	13	13208	-39.6	6	306	08	15964	-44.0	0	316	05	18352	-45.2	2	277	02
31	11290	-39.5	5	340	10	13258	-40.0	0	305	08	16011	-42.7	7	224	06	18407	-44.6	6	204	09
MN	11095	-47.9	9	* 308	11	13002	-45.8	8	* 295	13	15709	-43.9	9	* 280	15	18110	-43.4	4	*	

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

STATION	600 MBS			
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MARCH 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 Day, Altitude, Temp., R.H., Wind (50 MBS, 30 MBS, 20 MBS, 10 MBS) and a row for MN 20370.

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

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Day, Altitude, Temp., R.H., Wind (50 MBS, 30 MBS, 20 MBS, 10 MBS) and a row for MN 20323.

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

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

APRIL 1961

STATION INSTRUMENTATION

USWB type radioaids, GMD RDF tracking equipment

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

CONSTANT PRESSURE DATA 00 GMT.

CONSTANT PRESSURE DATA 00 GMT.

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

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

CONSTANT PRESSURE DATA 12 GMT.

CONSTANT PRESSURE DATA 12 GMT.

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

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

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

APRIL 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

Table with columns for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and values for various atmospheric parameters.

Table with columns for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and values for various atmospheric parameters.

CONSTANT PRESSURE DATA 12 GMT.

12 GMT. CONSTANT PRESSURE DATA

Table with columns for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and values for various atmospheric parameters.

Table with columns for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and values for various atmospheric parameters.

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

APRIL 1961

STATION INSTRUMENTATION

USWB type radiosonde, GMD RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74072 74°14'N 119°20'W 20 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	20572	-48.0		209 04	23921	-50.2		200 02	26563	-51.4		206 02	31110	-49.1		154 06
02	20589	-47.7		240 05	23946	-49.6		203 03	26596	-50.6		204 05	31133	-48.0		160 07
03	20585	-48.3		213 03	23945	-49.6		190 05	26609	-48.5		204 05				
04	20532	-47.3		264 02	23905	-48.1		176 03	26578	-47.2		210 02				
05	20549	-47.2		000 00	23912	-48.7		000 00	26575	-49.3		218 02				
06	20550	-47.5		000 00	23929	-47.3		186 02	26611	-47.4		266 03				
07	20496	-47.9		151 01	23861											
08	20455	-48.3		080 02	23824	-48.0		040 01								
09	20462	-47.6		133 02	23819	-49.3		000 00	26482	-48.8		000 00	31058	-45.7		
10	20522	-48.3		110 03	23883	-50.1		020 02	26540	-48.8		050 03	31117	-46.5		
11	20533	-47.5		090 02	23896	-49.8		081 03	26554	-47.8		100 06				
12	20530	-47.8		058 02	23902	-48.2		063 04	26583	-45.7						
13	20510	-46.8		063 06	23891	-47.3		035 03	26576	-47.0		079 05	31185	-42.5		
14	20472	-47.8		000 00	23867	-49.6		085 02	26513	-47.4		088 06				
15	20495	-49.4		117 04	23851	-49.1		098 06	26510	-49.3		094 05				
16	20474	-49.0		166 04	23821	-50.6		102 08	26479	-46.7		097 08				
17	20462	-49.1		000 00	23810	-50.6		103 06	26464	-48.6		103 04				
18																
19	20587	-47.6		221 03	23954	-49.3		222 03	26594	-49.3		215 03				
20	20572	-49.7		216 05	23914	-49.8		180 03	26561	-48.5		215 03				
21	20597	-49.6		258 03	23939	-50.4		180 03								
22	20640	-49.9		249 03	24003	-50.0		199 02	26649	-49.8		198 01				
23	20653	-49.0		241 03	23995	-50.5		269 04								
24	20601	-48.6		290 05	23945	-51.4		296 03	26585	-50.5		000 00	31155	-44.2		000 00
25	20619	-50.7		328 05	23941	-51.6		032 04	26564	-51.7		086 06	31106	-46.2		096 02
26	20669	-50.7		010 04	23996	-51.0		000 00	26631	-51.7		000 00				
27	20695	-50.4		020 03	24022	-50.7		056 06	26664	-50.6		084 06	31227	-44.5		045 07
28	20734	-49.5		065 03	24079	-50.1		065 05	26723	-50.8		063 08	31284	-43.8		063 10
29																
30	20697	-48.9		036 06	24046											
MN	20567	-48.5		*191 00	23921	-49.7		*106 01	26573	-49.0		*	31153	-45.6		*

Day	SURFACE SYNOPSIS DATA										FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL					
	H ₂	O ₃	U	V	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.		
01	00900	02	0	01	0																							
02	00900	02	7	11	0																							
03	00900	02	8	12	0																							
04	36278	10	6	05	0																							
05	00901	03	1	05	0																							
06	26470	71	2	04	0																							
07	00901	10	0	03	0																							
08	10948	03	8	02	0																							
09	70810	03	2	06	0																							
10	50818	03	2	07	0																							
11	80910	39	7	08	0																							
12	26417	10	7	14	0																							
13	10941	01	8	07	0																							
14	00906	10	2	15	0																							
15	00900	02	0	01	0																							
16	10948	76	1	02	0																							
17	00900	02	7	10	0																							
18	00900	02	6	10	0																							
19	20955	03	8	01	0																							
20	10931	01	5	02	0																							
21	20874	01	7	05	0																							
22	6750	71	7	06	0																							
23	6721	71	7	08	0																							
24	65600	71	5	01	0																							
25	65600	22	2	14	0																							
26	00904	03	1	04	0																							
27	10842	02	7	10	0																							
28	00901	02	2	18	0																							
29	00901	01	8	01	0																							
30	00900	01	2	07	0																							
MEAN																												

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	20557	-48.2		237 02	23920	-48.6		206 03	26569	-50.4		176 03	31119	-46.5		146 04
02	20495	-48.4		183 01	23854	-48.9		165 06								
04	20498	-47.0		093 03	23862	-48.5		099 02	26531	-48.8		173 03				
05	20450	-49.1		265 02	23806	-50.4		315 02	26459	-49.4		286 01	31009	-48.1		250 01
06	20439	-48.8		111 01	23794	-48.4		055 01	26443	-50.8		350 02				
07	20426	-48.6		069 01	23780	-50.4		000 00	26441	-49.7		030 04	30992	-47.9		
08	20427	-47.8		098 03	23784	-49.3		059 02	26442	-49.4		061 02				
09	20546	-49.0		110 03	23896	-50.2		110 03	26549	-48.8		073 02				
10	20521	-47.5		092 02	23885	-49.3		071 05	26542	-49.0		085 04				
11	20508	-48.8		072 02	23866	-50.0		069 10	26535	-48.1		110 03	31113	-46.0		
12	20442	-48.8		047 04												
13	20437	-47.8		080 04	23804	-49.1		070 05	26471	-47.7		083 06				
14	20454	-48.6			23805	-50.7			26455	-49.6						
15	20428	-48.8		125 04	23770	-51.7		103 08	26410	-49.6		103 12				
16	20472	-49.0		178 05	23820	-50.2		107 06	26482	-48.5		092 12				
17	20480															
18	20450	-49.0		149 04	23778	-51.5		165 03	26414	-50.8		109 10				
19	20548	-49.6		168 04	23886	-50.7		159 04	26529	-50.0		159 04				
20	20565	-49.7		222 02	23895	-51.9		165 02	26531	-50.7		155 03				
21	20516	-50.7		25												

MAY 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

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 Stream of Missing Wind Data

Commencing May 31, 12 GMT, this station reverted to the use of the 1650 mc AN-ARW "unshielded" type radiosonde for all ascents.

MAY 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

DT	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	4020	-27.3	30	338 12	5310	-35.4	A21	342 19	6840	-42.9	351	38	8756	-45.8	351	27		
02	4037	-24.1	A18	345 16	5348	-30.9	43	351 29	6899	-41.9	347	31	8809	-50.9	348	30		
03	4030	-21.6	58	305 09	5360	-28.5	52	297 11	6922	-39.3	43	300	12	8833	-53.4	300	14	
04	3928	-24.5	73	214 06	5229	-34.4	50	217 09	6756	-45.6	219	13	8651	-46.0	255	10		
05	3928	-26.9	48	343 05	5227	-33.4	53	324 07	6763	-43.7	320	08	8659	-48.6	335	11		
06	3987	-26.4	35	360 21	5287	-33.4	A21	360 23	6825	-43.3	009	35	8729	-51.1	008	42		
07	4088	-21.4	64	351 15	5408	-30.5	57	358 20	6963	-41.2	009	22	8872	-51.9	007	26		
08	4019	-21.6	57	315 14	5338	-31.5	57	311 11	6879	-42.5	329	11	8771	-49.6	320	13		
09	4021	-21.7	38	024 09	5343	-30.0	A20	030 11	6895	-41.2	025	10	8803	-49.4	015	17		
10	4046	-24.3	A18	026 06	5382	-32.8	A20	032 06	6882	-44.4	354	07	8803	-45.1	009	08		
11	4079	-22.9	A18	056 10	5391	-32.0	A20	059 15	6942	-39.2	A22	052 38	8870	-49.5	043	42		
12	4110	-21.1	57	037 19	5434	-29.5	64	048 23	6991	-40.6	65	051	31	8900	-52.9	053	42	
13	4117	-19.0	28	026 17	5457	-26.2	28	033 22	7042	-36.0	A21	029 24	8987	-50.0	001	28		
14	4130	-17.2	26	004 09	5474	-26.0	A19	012 08	7053	-32.0	A22	010 12	8985	-51.1	008	15		
15	4109	-20.4	A17	329 20	5444	-27.1	A19	328 21	7013	-39.1	42	335	26	8925	-53.3	004	25	
16	4108	-19.6	A17	324 16	5444	-22.1	A19	321 16	7018	-37.6	A22	030 20	8948	-51.0	333	18		
17	4054	-18.9	25	319 09	5389	-27.4	A19	319 11	6961	-37.9	A22	323 14	8884	-52.0	313	16		
18	4019	-20.1	33	310 06	5353	-27.9	31	309 09	6921	-38.9	54	311	11	8836	-54.4	306	11	
19	4014	-19.8	A17	291 12	5343	-28.9	A19	292 15	6904	-40.0	41	295	22	8820	-48.1	297	24	
20	4027	-21.5	45	304 15	5348	-29.6	A20	307 27	6908	-39.3	A22	302 34	8853	-47.8	299	31		
21	4050	-22.4	76	243 11	5380	-29.1	71	265 10	6938	-40.0	65	236	11	8842	-52.0	245	12	
22	4050	-22.4	A18	269 16	5367	-31.0	A20	261 20	6911	-42.8	258	23	8804	-51.0	201	22		
23	4179	-20.5	A17	281 09	5500	-31.3	A20	283 09	7042	-42.0	311	07	8930	-56.1	346	06		
24	4204	-20.2	48	235 09	5529	-30.0	46	274 12	7079	-41.8	269	22	8988	-50.3	262	24		
25	4111	-21.0	80	022 11	5427	-28.0	71	032 13	6998	-40.4	009	05	8923	-43.7	310	09		
26	4177	-15.6	42	342 16	5533	-23.2	33	342 20	7127	-35.7	A21	344 28	9062	-51.4	338	28		
27	4179	-15.7	A16	312 14	5529	-24.2	A18	312 19	7120	-34.5	53	319	22	9067	-49.9	329	23	
28	4155	-11.9	A16	262 12	5524	-22.0	41	255 11	7125	-34.3	A21	249 12	9075	-49.0	199	07		
29	4052	-11.4	93	150 04	5427	-21.4	69	146 10	7041	-30.7	40	181	15	9019	-44.3	189	23	
30	4005	-15.7	81	013 07	5356	-24.7	63	025 12	6944	-36.6	30	046	13	8882	-44.8	057	11	
31	4033	-17.6	A17	319 11	5373	-26.7	A19	301 13	6947	-37.8	A22	263 12	8887	-48.4	182	15		
MN	4067	-20.4	40	*	5395	-28.7	38	*335	10	6956	-39.4	35	*341	11	8876	-49.8	*341	12

DT	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	11492	-41.9	344	16 13435	-43.0	332	08 16150	-45.6	341	07 18527	-46.3	003	05			
02	11473	-45.4	343	22 13396	-45.6	345	13 16095	-46.7	316	09 18467	-46.5	031	02			
03	11473	-46.5	324	13 13392	-45.1	326	11 16093	-46.5	340	11 18462	-46.5	354	07			
04	11385	-42.0	312	10 13326	-43.8	319	10 16038	-45.8	329	09 18414	-45.6	343	06			
05	11387	-41.5	342	12 13357	-42.6	340	09 16071	-44.4	341	07 18461	-43.5	355	05			
06	11414	-45.4	357	17 13338	-44.5	003	15 16046	-45.0	351	10 18432	-45.7	359	04			
07	11493	-46.8	013	19 13403	-46.8	018	14 16091	-47.0	015	08 18458	-46.1	020	08			
08	11486	-41.0	336	12 13429	-44.5	343	13 16122	-44.6	347	10 18494	-45.3	020	06			
09	11498	-44.4	002	12 13422	-45.2	360	11 16120	-49.8	016	09 18498	-46.0	032	06			
10	11510	-44.4	033	18 13457	-45.7	030	12 16152	-46.4	036	08 18524	-46.7	045	07			
11	11546	-46.3	046	16 13434	-46.8	047	10 16127	-46.8	045	06 18496	-45.9	074	02			
12	11578	-51.7	036	17 13462	-48.7	051	05 16139	-47.6	077	04 18507	-46.0	068	04			
13	11561	-52.6	012	10	360	06 16161	-46.0	343	04 18537	-45.8	044	04				
14	11553	-47.0	333	15 13466	-47.3	322	08 16172	-45.2	323	08 18549	-46.2	330	08			
15	11585	-46.3	326	11 13501		239	09 13534	-45.3	259	10 16229	-47.1	233	04			
16	11545	-45.2	311	10 13469	-44.8	248	15 13490	-42.8	238	08 16216	-44.6	229	08			
17	11591	-38.3	239	09 13534	-45.3	252	12 13479	-43.2	258	12 16197	-44.0	256	08			
18	11589	-38.5	288	15 13490	-42.8	281	12 16246	-45.4	287	07 18629	-45.0	274	06			
19	11544	-42.0	270	18 13572	-46.8	280	12 16257	-47.3	281	08 18624	-46.2	317	02			
20	11591	-38.3	307	15 13613	-44.4	314	11 16324	-45.7	310	10 18698	-46.6	325	05			
21	11601	-42.9	335	11 13585	-46.8	321	10 16277	-46.0	309	07 18657	-44.9	336	06			
22	11664	-46.9	330	15 13573	-47.5	320	09 16260	-46.2	333	09 18635	-44.9	342	06			
23	11675	-49.6	273	12 13634	-46.3	285	09 16323	-47.0	288	05 18694	-45.5	342	02			
24	11722	-47.8	203	08 13609	-45.6	226	05 16303	-46.0	202	06 18680	-45.2	212	02			
25	11691	-47.0	226	04 13584	-41.9	261	04 16316	-44.1	243	05 18714	-43.1	227	04			
26	11630	-40.3	226	04 13584	-41.9	265	09 16221	-44.8	264	06 18609	-44.3	259	04			
27	11565	-42.1	261	08 13506	-43.7	323	09 13481	-45.1	322	07 16183	-45.9	321	05			
MN	11554	-44.7	*323	09 13481	-45.1	*322	07 16183	-45.9	*321	05 18560	-45.5	*	*			

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

DT	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	4003	-27.7	32	337 15	5293	-35.6	A21	341 24	6823	-40.8	350	39	8755	-47.0	351	45	
02	4043	-19.9	75	328 19	5375	-28.0	78	330 23	6938	-40.0	72	333	39	8835	-55.0	335	26
03	4004	-22.7	77	314 12	5319	-31.4	76	304 11	6869	-40.7	280	13	8770	-52.2	273	10	
04	3898	-25.1	72	060 08	5198	-34.5	62	057 06	6719	-46.4	055	09	8603	-47.5	033	09	
05	3926	-29.1	35	015 11	5209	-37.5	31	012 11	6717	-47.3	334	10	8611	-46.2	001	14	
06	4028	-24.4	40	003 22	5338	-31.5	43	004 32	6884	-41.6	360	34	8782	-53.9	360	36	
07	4070	-21.7	49	317 15	5392	-29.4	49	325 17	6946	-41.5	326	17	8840	-55.9	335	19	
08	3986	-23.3	61	331 09	5295	-32.8	54	329 14	6829	-43.2	345	19	8755	-45.1	353	13	
09	4031	-23.6	63	024 10	5340	-32.6	64	020 10	6873	-44.4	345	03	8784	-45.8	015	14	
10	4058	-24.8	A18	038 14	5359	-34.0	A21	037 17	6900	-39.1	A22	033 36	8830	-48.1	027	45	
11	4000	-23.3	28	044 16	5410	-29.3	30	053 19	6978	-38.9	A22	049 27	8902	-52.0	049	39	
12	4120	-19.5	58	022 20	5481	-28.3	58	022 18	7022	-36.0	71	040	24	8955	-51.0	042	30
13	4095	-18.1	38	033 20	5437	-26.3	39	040 21	7010	-36.0	A21	037 20	8945	-50.5	035	22	
14	4119	-19.1	48	309 20	5450	-28.1	62	302 20	7023	-36.7	51	298	20	8958	-50.4	289	28
15	4109	-19.2	45	332 17	5447	-27.1	65										

MAY 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 Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg. mps., gpm.), and sub-columns for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for altitudes from 01 to 31 MBS.

Table with columns for SURFACE, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes data for altitudes from 01 to 31 MBS.

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.), and sub-columns for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for altitudes from 01 to 31 MBS.

Table with columns for SURFACE, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes data for altitudes from 01 to 31 MBS.

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

Commencing May 30, 12 GMT, this station reverted to the use of the 1630 mc AN-AME4 "unshielded" type radiosonde for all ascents.

JUNE 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.

CONSTANT PRESSURE DATA

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 30.

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 30.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

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 30.

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 30.

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

JUNE 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	4055	-20.7	47	291 12	5381	-29.7	A20	298 15	6933	-41.6	312 21	8036	-46.5	306	20
02	4124	-18.2	75	303 11	5460	-27.0	69	300 15	7030	-38.6	70	303 18	8953	-51.3	305	19
03	4063	-17.2	32	274 16	5405	-26.6	37	277 18	6977	-38.4	47	268 16	8893	-52.9	278	17
04	4063	-19.8	26	332 07	5391	-29.2	A20	311 07	6949	-40.3	293 11	8891	-47.7	296	15	
05	4109	-18.8	33	350 10	5447	-27.7	A19	347 12	7007	-40.3	349 14	8914	-53.2	354	15	
06	4132	-19.6	34	284 14	5463	-27.9	50	289 17	7033	-40.0	48	290 20	8940	-54.3	294	24
07	4189	-12.6	43	319 12	5554	-22.6	38	324 13	7152	-35.2	A21	323 15	9096	-50.0	333	10
08	4255	-11.1	32	310 15	5638	-18.5	53	315 18	7275	-29.1	54	306 32	9268	-44.4	302	46
09	4222	-08.0	86	282 08	5621	-15.6	80	303 14	7270	-29.0	48	311 20	9280	-43.0	304	29
10	4161	-09.3	93	245 06	5547	-19.0	A17	283 14	7172	-30.0	A20	274 14	9157	-45.3	265	19
11	4206	-11.2	A16	311 12	5587	-18.9	A17	304 17	7209	-31.4	A20	294 18	9177	-47.9	292	24
12	4299	-13.3	23	265 10	5602	-23.4	A18	265 18	7212	-32.6	57	274 21	9189	-47.0	279	29
13	4217	-11.7	67	275 12	5597	-19.4	63	270 21	7218	-31.0	44	275 25	9195	-46.6	277	34
14	4206	-10.9	95	259 16	5584	-20.2	57	258 19	7200	-31.5	34	264 21	9171	-46.6	260	26
15	4129	-13.4	85	255 10	5490	-23.5	71	255 14	7081	-36.0	53	243 14	9015	-50.0	269	17
16	4140	-14.2	88	325 24	5498	-23.8	58	344 27	7088	-35.6	49	354 28	9022	-51.6	266	34
17	4151	-15.1	94	005 30	5509	-23.0	75	006 35	7108	-34.5	43	011 35	9055	-50.9	012	41
18	4236	-13.8	70	321 10	5597	-23.0	36	320 12	7194	-34.8	A21	321 15	9131	-51.3	314	22
19	4164	-11.4	63	245 16	5542	-18.9	A17	260 13	7192	-24.8	66	305 11	9221	-39.9	A22	310 18
20	4142	-11.3	65	261 13	5522	-18.6	32	259 30	7163	-25.9	49	253 45	9193	-39.7	66	22
21	4049	-12.1	31	216	5421	-21.3	33		7023	-34.4	34		8975	-45.3		
22	4079	-15.3	A18	264 28	5433	-23.9	A18		7025	-23.5	A21	279 21	9120	-45.2		
23	4192	-12.7	A16	275 14	5556	-21.7	A18	276 19	7158	-34.1	A21	279 21	9120	-45.2		
24	4222	-10.1	A15	015 15	5602	-19.5	A17	016 20	7225	-30.8	45	032 18	9197	-47.0	051	24
25	4220	-11.2	A16	028 05	5597	-20.0	62	022 06	7215	-31.6	34	044 07	9183	-47.5	329	06
26	4165	-14.6	60	295 09	5522	-23.0	53	298 09	7118	-35.2	38	299 11	9054	-51.7	283	15
27	4097	-19.0	29	323 09	5431	-28.4	33	307 11	6998	-39.8	37	299 17	8932	-44.8	298	19
28	4127	-18.0	83		5465	-27.4	80		7033	-39.1	80		8947	-49.1		
29	4098	-15.6	81	313 13	5450	-24.0	66	318 14	7040	-36.6	62	299 09	8970	-51.9	323	09
30	4030	-18.0	A17	304 21	5367	-27.1	A19	301 25	6939	-37.9	A22	301 30	8864	-49.9	295	31

MN 4149 -14.3 50 * 5509 -23.1 42 302 14 7108 -34.4 42 300 16 9036 -47.9 44 303 18

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	4073	-20.1	79	303 14	5399	-30.8	82	294 17	6939	-43.2	57	289 22	8842	-46.8	301
02	4109	-19.1	71	282 14	5449	-26.3	61	291 12	7027	-37.8	57	288 15	8949	-53.0	291	16
03	4050	-18.7	A17	295 12	5384	-28.0	A19	293 22	6934	-37.0	A22	279 30	8886	-49.2	281	27
04	4065	-21.1	A18	339 09	5388	-29.8	A20	339 13	6943	-40.0	A22	339 17	8861	-48.3	335	13
05	4120	-19.4	33	332 08	5455	-28.1	46	336 11	7020	-39.5	31	328 12	8932	-52.1	319	14
06	4149	-17.1	A17	305 19	5498	-24.8	A18	308 19	7084	-36.2	A21	317 38	9014	-51.3	315	20
07	4213	-12.8	A16	315 13	5580	-21.6	47	310 20	7192	-31.8	39	312 33	9162	-47.0	307	46
08	4233	-11.3	53	312 13	5622	-16.9	53	319 20	7254	-29.0	60	307 27	9244	-45.8	305	34
09	4190	-07.4	91	226 02	5590	-15.4	85	272 11	7239	-27.1	76	279 15	9241	-44.7	268	17
10	4159	-11.8	39	296 10	5539	-19.8	A17	288 13	7159	-31.3	A20	295 27	9136	-45.8	294	31
11	4230	-12.1	38	315 09	5601	-20.4	65	286 15	7216	-31.9	64	288 23	9177	-49.4	292	27
12	4227	-12.7	32	245 10	5598	-19.9	62	255 14	7218	-31.4	75	274 20	9192	-47.2	274	21
13	4217	-10.3	A15	283 13	5597	-19.4	A17	284 16	7217	-30.9	58	277 25	9191	-46.0	277	28
14	4163	-13.9	66	284 15	5535	-21.1	52	259 19	7143	-33.4	33	257 19	8939	-49.8	295	42
15	4101	-16.0	A17	346 14	5447	-26.0	A19	346 11	7021	-38.6	A22	354 14	8945	-44.8	328	15
16	4083	-16.0	A16	357 34	5437	-23.0	A18	303 42	7040	-36.1	38		8946	-47.9		
17	4202	-12.8	46	358 19	5568	-22.3	32	352 19	7186	-34.4	33	352 16	9113	-50.1	352	18
18	4208	-14.8	245	15	5566	-23.0	25	09	7160	-37.9	25	09	9115	-47.8	350	12
19	4128	-10.3	49	274 20	5509	-19.7	A17	288 21	7147	-27.1	A19	274 31	9168	-59.5	A22	
20	4098	-11.5	30	224 17	5477	-19.0	A17	230 21	7109	-29.4	A20	226 24	9107	-42.3	221	36
21	4065	-12.9	41	252 25	5434	-22.4	46	253 22	7031	-34.7	A21	253 25	8997	-43.1		
22	4133	-13.9	A16	288 19	5495	-22.7	A18	284 25	7092	-34.8	A21	283 33	9046	-45.5	278	35
23	4215	-11.2	A16	006 11	5591	-20.6	41	002 13	7203	-32.5	043	13	9169	-47.3	067	15
24	4214	-11.4	34	033 07	5587	-20.8	68	024 06	7210	-32.4	70	045 08	9175	-48.0	048	09
25	4190	-12.9	77	346 05	5558	-21.8	74	318 06	7162	-33.6	74	324 06	9116	-49.0	290	08
26	4126	-17.2	78	282 09	5469	-25.8	61	285 11	7049	-37.0	A22	282 17	8979	-50.4	275	19
27	4102	-19.7	32		5432	-28.1	A19		6994	-40.5			8922	-45.5		
28	4113	-16.7	57	346 15	5463	-24.5	40	344 12	7052	-36.1	60	348 12	8985	-51.7	351	14
29	4059	-16.7	91	309 19	5405	-25.4	83	302 26	6985	-37.0	65	305 25	8912	-51.7	305	23
30	4031	-18.6	30	327 11	5365	-28.0	39	312 14	6925	-40.9			8838	-45.6	315	16

MN 4142 -14.7 42 * 5501 -23.2 42 302 13 7098 -34.6 42 293 16 9050 -47.6 22 291 17

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	11580	-41.8	272	09	13526	-42.4	281	05	16262	-43.2	288	04	18662	-43.5	288
02	11634	-43.0	291	15	13574	-42.8	284	11	16305	-43.6	284	08				
03	11570	-42.8	278	15	13516	-41.9	280	14	16242	-45.4	278	10	18631	-45.4	269	02
04	11628	-41.5														

JUNE 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 Altitude, Temp., R.H., Wind for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for various altitudes and times from 01 to 30.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes data for various altitudes and times from 01 to 30.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Altitude, Temp., R.H., Wind for 50 MBS, 30 MBS, 20 MBS, and 10 MBS. Includes data for various altitudes and times from 01 to 30.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Includes data for various altitudes and times from 01 to 30.

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

RESOLUTE, N.W.T.
JANUARY 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

Table with columns for Day, SURFACE, 1000 MBS, 950 MBS, 900 MBS. Includes sub-columns for Altitude, Temp., R.H., and Wind.

Table with columns for Day, 850 MBS, 800 MBS, 750 MBS, 700 MBS. Includes sub-columns for Altitude, Temp., R.H., and Wind.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Day, SURFACE, 1000 MBS, 950 MBS, 900 MBS. Includes sub-columns for Altitude, Temp., R.H., and Wind.

Table with columns for Day, 850 MBS, 800 MBS, 750 MBS, 700 MBS. Includes sub-columns for Altitude, Temp., R.H., and Wind.

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

JANUARY 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

Z	600 MBS				500 MBS				400 MBS				300 MBS									
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind						
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.						
01	3833	-37	3	49	103	12	5065	-46	8	099	14	6507	-57	5	098	12	8307	-60	4	062	13	
02	3821	-36	2	70	091	15	5063	-45	5	104	18	6511	-57	5	111	18	8233	-55	2	105	25	
03	3743	-41	0	113	12	4958	-47	9	096	23	6405	-55	2	111	18	8233	-55	2	108	16		
04	3697	-42	8	122	08	4913	-48	2	141	11	6364	-53	2	149	11	8217	-52	1	149	05		
05	3718	-41	6	178	11	4936	-48	6	189	21	6379	-55	8	210	15	8214	-53	2				
06	3713	-42	7	145	15	4922	-50	9	141	17	6370	-52	7	149	18	8216	-52	6	233	05		
07	3670	-41	9	121	15	4889	-47	2	134	13	6352	-51	2	158	08	8219	-50	3	145	15		
08	3685	-43	0	080	12	4900	-48	2	077	21	6354	-52	3	070	13	8227	-48	5	349	05		
09	3721	-43	3	010	17	4928	-49	9	002	12	6372	-49	5	002	13	8236	-49	5	352	08		
10	3704	-42	1			4916	-49	3			6364	-53	8			8223	-50	2				
11	3691	-42	5	337	24	4906	-47	1			6366	-53	4			8215	-51	7				
12	3568	-41	9			4876	-47	4			6253	-48	2			8168	-42	5				
13	3529	-42	5	268	07	4751	-45	9	290	06	6233	-46	5	277	05	8156	-43	6	350	04		
14	3573	-38	1	34	080	19	4811	-41	0		6319	-46	9			8213	-47	6				
15	3675	-32	4	65	037	19	4937	-41	1	043	21	6419	-50	9	044	20	8271	-53	8	016	14	
16	3648	-33	5	76	018	23	4906	-42	1	018	31	6377	-54	1			8208	-53	3			
17	3629	-32	3	54	006	24	4889	-41	7		6369	-51	5			8195	-56	1				
18	3714	-32	8	69	329	12	4976	-40	1	327	15	6467	-40	7	330	15	8298	-61	8	322	23	
19	3801	-33	0	60		5064	-40	4			6562	-47	6			8421	-57	8				
20	3742	-36	1	58		4990	-42	5			6474	-50	4			8321	-54	2				
21	3819	-35	0	32		5068	-43	4			6538	-53	2			8368	-58	4				
22	3743	-35	9	64		4999	-39	5	58		6507	-44	2			8429	-46	2				
23	3893	-32	1	53	037	16	5156	-41	2	042	22	6646	-48	6	025	26	8531	-49	1			
24	3999	-28	9	61	028	14	5279	-37	7	64	039	20	6784	-46	3	030	22	8687	-48	3	035	10
25	4026	-25	0	419	351	23	5322	-34	5	A21		6850	-44	7			8745	-49	5			
26	3940	-25	6	010	07	5210	-40	0		011	07	6698	-47	2	010	18	8611	-45	1	010	14	
27	3727	-28	0	38	172	05	5016	-36	1	31	190	04	6527	-48	0	080	02	8407	-47	8		
28	3676	-31	1	67	252	04	4956	-39	7	54	345	03	6453	-49	0	250	05	8311	-53	3	021	09
29	3751	-32	2	62	074	23	5019	-40	0	59		6506	-50	2			8361	-55	8			
30	3935	-29	6	38	245	06	5213	-37	7	236	09	6714	-48	9	240	10	8552	-61	0	245	08	
31	3911	-31	5	53	307	12	5180	-39	4	36	285	15	6678	-48	5	280	21	8522	-60	3	290	20
MN	3751	-36	0	54		4998	-43	3	46	66	06	6475	-50	7			8335	-52	3			

Z	200 MBS				190 MBS				100 MBS				70 MBS							
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind				
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	10858	-57	9	067	11	12663	-60	3	053	09	15173	-63	8	069	08	17340	-67	9	038	08
02	10864	-57	9			12670	-59	9			15189	-62	7			17366	-67	3		
03	10831	-55	0	104	05	12661	-57	0	398	06	15211	-60	7	006	08	17404	-65	6	020	09
04	10837	-53	0	035	02	12679	-53	7	345	04	15266	-58	9	350	08	17485	-62	7	331	20
05	10835	-51	8			12693	-53	8			15279	-57	1			17525	-59	6		
06	10855	-50	9	269	05	12727	-51	1	304	07	15362	-51	6	328	19	17672	-53	3	324	50
07	10885	-47	9	07	10885	-47	9		303	05	15461	-48	1	316	12	17803	-50	0	314	22
08	10912	-46	1	334	03	12827	-46	1	275	08	15514	-48	0	294	11	17879	-45	0	325	09
09	10924	-45	8	290	08	12845	-45	2	276	12	15551	-45	5	322	07	17920	-49	0	327	15
10	10896	-47	8			12798	-45	5			15503	-46	0			17852	-45	4		
11	10875	-47	6			12791	-45	9			15474	-47	4			17973	-46	0		
12	10899	-43	0			12859	-41	8			15593	-43	5			17952	-43	5		
13	10874	-44	8	314	07	12799	-43	9	312	11	15514	-46	3	308	14	17872	-47	3	304	17
14	10901	-47	0			12805	-46	3			15495	-48	6			17843	-47	4		
15	10920	-48	4	023	14	12818	-47	4	006	20	15505	-46	9	304	17	17869	-47	1	302	18
16	10856	-48	6			12757	-46	5			15461	-45	9			17821	-48	8		
17	10824	-48	9			12722	-47	9			15393	-48	6			17736	-49	5		
18	10865	-49	7	348	35	12714	-53	9			15324	-51	9			17623	-54	5		
19	10965	-54	7			12811	-53	9			15413	-55	2			17691	-53	5		
20	10946	-52	0			12808	-53	4			15411	-54	0			17696	-54	0		
21	10966	-54	0			12803	-55	0			15405	-55	5			17668	-54	1		
22	11106	-49	1			12982	-53	6			15604	-53	2			17892	-55	0		
23	11171	-52	0			13028	-53	3			15629	-54	9			17902	-55	9		
24	11351	-46	6	025	13	13288	-50	8	008	18	15286	-51	6	024	23	18184	-53	2	020	23
25	11399	-46	1			13303	-47	8			15963	-48	7			18309	-50	3		
26	11331	-45	8	339	20	13259	-45	6	331	24	15941	-49	2	351	29	18262	-53	0	344	38
27	11109	-45	1	334	15	13024	-46	6	347	27	15971	-50	0	341	25	17996	-56	5	347	33
28	10920	-54	0	030	11	12757	-56	2	352	17	15310	-60	1	359	19	17517	-63	9	341	33
29	10954	-55	6			12769	-59	9			15270	-64	9			17430	-68	1		
30	11048	-63	0	065	03	12819	-63	9	325	03	15273	-69	2	341	06	17381	-72	6	030	11
31	11008	-64	5	280	12	12765	-65	8	342	10	15207	-69	3							
MN	10967	-51	0			12838	-51	6			15460	-53	5			17756	-55	1		

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Z	600 MBS				500 MBS				400 MBS				300 MBS								
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind					
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.					
01	3822	-36	7	57	090	16	5058	-46	5	095	18	6501	-58	2	096	20	8299	-59	8	096	16
02	3792	-37	7	69	084	20	5027	-46	2	096	20	6482	-58	8	102	21	8305	-58	8	100	16
03	3733	-43	4	100	09	4943	-48	8	114	10	6388	-54	6	106	07	8229	-53	6	118	09	
04	3704	-42	6	193	09	4918	-48	8	183	07	6365	-54	2	184	10	8211	-53	2	174	07	
05	3728	-41	0	176	11	4947	-48	5	169	16	6389	-55	0	167	12	8226	-53	0	175	09	
06	3668	-43	4	127	12	4885	-47	8	143	12	6344	-52	1	146	12	8202	-51	7	154	12	
07	3675																				

RESOLUTE, N.W.T.

FEBRUARY 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

Zy	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	-40	0	340	05	0167	-37	0	67	338	06	0550	-22	0	56	331	06	0934	-19	2	37	323	05	
02	1014	-28	3	64	140	06	0162	-26	5	68	-	0540	-21	4	71	-	0937	-20	3	67	-	-		
03	1001	-24	9	74	135	10	0069	-25	0	74	135	10	0450	-26	4	72	174	12	0835	-21	4	72	189	12
04	0996	-26	5	72	000	00	0030	-	-	-	-	0400	-	-	-	-	0788	-	-	-	-	-	-	
05	1007	-35	0	47	225	06	0112	-33	0	51	225	06	0480	-31	7	71	253	08	0860	-27	0	73	265	10
06	1012	-35	8	70	315	03	0146	-34	0	68	308	06	0500	-28	8	63	296	10	0898	-27	3	57	295	11
07	1009	-35	9	70	320	02	0128	-30	5	57	342	04	0500	-26	6	66	351	06	0889	-24	9	70	330	07
08	1014	-33	3	54	320	02	0162	-28	6	56	309	04	0530	-22	7	64	309	04	0932	-19	0	53	300	05
09	1012	-32	3	55	120	03	0148	-29	0	70	176	03	0530	-23	9	76	263	06	0917	-21	9	70	294	06
10	1004	-23	4	72	230	04	0090	-23	7	73	268	07	0470	-24	9	80	268	09	0860	-22	0	83	280	10
11	1009	-34	8	61	320	07	0126	-32	1	63	395	07	0500	-24	2	65	001	09	0889	-23	4	58	007	08
12	1007	-34	2	61	360	07	0114	-33	1	62	-	-	0490	-26	2	64	-	-	0872	-26	8	58	-	-
13	1011	-39	6	350	16	0137	-37	2	-	-	-	0500	-29	6	66	-	-	0887	-27	4	67	338	16	
14	1005	-34	3	61	320	09	0099	-34	8	62	322	09	0460	-37	9	65	327	13	0832	-34	6	69	322	16
15	1002	-34	6	61	290	05	0080	-34	7	62	292	05	0430	-31	1	70	319	10	0815	-31	2	73	327	08
16	1002	-36	4	58	360	04	0079	-36	0	60	360	04	0400	-37	0	70	360	07	0823	-31	2	70	017	12
17	0997	-28	5	76	360	06	0044	-	-	-	-	0410	-27	2	74	351	06	0803	-25	8	73	355	07	
18	1008	-34	7	50	090	01	0121	-30	8	63	000	00	0490	-32	3	63	000	00	0869	-28	2	55	022	06
19	0999	-35	9	47	320	06	0056	-	-	-	-	0420	-31	6	75	348	15	0811	-22	7	77	349	10	
20	0997	-36	9	30	340	07	0046	-	-	-	-	0400	-27	3	72	352	06	0795	-27	4	74	015	07	
21	1002	-38	9	360	04	0078	-38	8	-	-	-	0450	-36	0	58	004	02	0820	-24	5	65	032	06	
22	1004	-39	2	320	07	0089	-39	2	-	-	-	0450	-32	3	60	353	16	0831	-26	1	62	358	17	
23	0998	-25	8	26	315	08	0052	-	-	-	-	0410	-23	4	69	339	14	0803	-24	5	75	340	15	
24	0997	-35	2	50	000	00	0044	-	-	-	-	0400	-33	6	69	264	05	0780	-31	8	73	274	10	
25	0995	-32	2	57	000	00	0031	-	-	-	-	0390	-28	4	63	-	-	0771	-34	0	70	-	-	
26	0998	-34	2	51	000	00	0049	-	-	-	-	0410	-33	3	62	174	07	0787	-33	6	69	176	10	
27	0994	-34	2	61	000	00	0048	-	-	-	-	0400	-33	5	60	-	-	0783	-35	7	60	-	-	
28	1007	-38	2	320	04	0112	-35	7	332	06	0480	-31	4	56	001	10	0857	-31	3	57	001	08		
MN	1004	-34	0	58	-	94	-32	6	64	-	460	-29	5	67	-	846	-26	8	66	-	-	-	-	

Zy	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	1359	-19	3	A17	302	07	1811	-19	8	A17	295	09	2791	-23	9	A19	295	12	-	-	-	-	-	
02	1360	-20	7	61	-	-	1808	-22	2	54	-	-	2290	-22	0	47	-	-	2789	-24	3	38	-	-
03	1257	-20	7	73	182	13	1706	-21	4	72	190	14	2190	-22	8	71	192	20	2685	-24	4	70	189	24
04	1194	-30	4	68	-	-	1628	-28	5	71	260	05	2100	-27	5	73	309	07	2589	-26	4	75	329	08
05	1274	-26	0	75	-	-	1715	-27	2	75	281	08	2190	-28	5	74	272	12	2688	-30	2	73	268	13
06	1311	-25	9	60	301	11	1750	-26	8	67	307	11	2220	-28	2	73	312	14	2708	-29	7	75	318	12
07	1307	-25	8	74	326	09	1751	-24	6	77	322	09	2230	-29	1	70	322	10	2721	-29	8	56	322	10
08	1358	-19	1	43	319	05	1809	-20	5	54	319	06	2290	-22	2	42	301	05	2789	-25	1	34	300	07
09	1339	-21	8	59	290	06	1788	-22	9	44	280	06	2260	-24	2	A18	273	07	2758	-26	5	A19	279	08
10	1285	-18	3	83	276	14	1739	-17	8	84	290	12	2230	-19	1	83	305	12	2732	-22	0	79	305	13
11	1307	-23	4	42	357	09	1750	-23	5	A18	340	12	2220	-24	3	A18	322	12	2722	-26	2	A19	310	11
12	1284	-27	2	50	-	-	1722	-27	6	30	326	07	2190	-28	5	32	325	07	2679	-30	9	36	310	08
13	1297	-28	7	67	340	13	1731	-29	6	68	349	10	2200	-31	2	68	358	18	2677	-32	9	69	358	19
14	1234	-33	3	69	324	21	1680	-34	1	70	-	-	2100	-35	6	67	-	-	2588	-37	4	64	-	-
15	1221	-29	9	75	346	14	1657	-25	2	75	001	24	2130	-25	0	76	006	20	2625	-27	4	76	-	-
16	1229	-28	5	68	012	14	1666	-26	9	70	018	18	2150	-25	9	72	017	24	2632	-26	3	72	-	-
17	1219	-25	0	73	356	11	1661	-26	0	78	395	12	2140	-23	8	73	356	15	2634	-25	5	64	357	22
18	1281	-25	0	64	016	10	1719	-27	1	70	017	11	2200	-28	6	70	016	12	2675	-30	7	68	021	13
19	1229	-23	4	78	353	13	1673	-25	0	78	392	13	2140	-27	4	77	360	22	2634	-30	0	78	005	13
20	1207	-23	6	69	017	11	1651	-23	3	57	017	09	2120	-24	3	94	032	10	2623	-26	6	60	043	10
21	1208	-21	2	64	033	12	1687	-21	3	67	035	15	2170	-20	9	73	030	18	2671	-22	3	74	031	19
22	1247	-21	7	64	004	20	1696	-19	8	A17	-	-	2190	-19	6	A11	-	-	2686	-21	5	A18	-	-
23	1219	-24	5	72	336	16	1661	-24	8	67	335	15	2130	-26	1	59	340	17	2627	-28	2	48	344	19
24	1190	-25	8	78	277	10	1629	-27	6	78	279	06	2090	-30	5	75	269	07	2578	-33	5	73	258	08
25	1176	-30	6	67	182	09	1607	-31	5	68	180	06	2070	-32	4	69	140	05	2548	-34	0	68	157	04
26	1189	-32	0	68	178	10	1620	-30	6	67	176	05	2080	-32	1	60	177	04	2563	-33	7	52	186	02
27	1182	-34	1	61	-	-	1608	-33	8	63	-	-	2080	-33	2	65	126	05	2546	-32	9	68	134	02
28	1262	-31	3	59	012	06	1693	-31	3	61	012	07	2160	-33	0	58	016	10	2633	-34	9	54	009	13
MN	1259	-25	6	64	335	07	1700	-25	6	61	*	*	2173	-26	6	59	*	*	2663	-26	4	57	332	07

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Zy	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	1016	-23	4	72	000	00	0174	-29	9	71	000	00	0550	-22	8	72	282	06	0940	-22	2	68	282	10
02	1008	-26	5	67	110	04	0120	-24	9	71	120	05	0490	-22	8	76	182	11	0897	-17	7	77	194</	

RESOLUTE, N.W.T.
FEBRUARY 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.

Day	600 MBS				500 MBS				400 MBS				300 MBS					
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind		
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.		
01	3692	-32.0	A20	300	09	5162	-38.9	A22	316	06	6662	-48.4	332	06	8504	-60.7	333	09
02	3898	-31.1	39	-	5169	-39.3	45	294	07	6663	-49.5	267	04	8498	-61.8	256	03	
03	3792	-30.0	68	193	13	5080	-36.5	65	194	18	6590	-48.2	2	190	18	8432	-58.6	
04	3694	-30.5	72	329	09	4975	-37.4	61	309	02	6413	-49.0	293	06	8317	-57.7	282	07
05	3751	-36.6	66	263	12	4994	-44.2		266	11	6461	-52.1	269	15	8259	-58.3	204	18
06	3795	-35.2	64	324	11	5047	-42.3		329	17	6526	-51.5	311	21	8359	-58.7		
07	3822	-32.0	36	324	08	5085	-41.0		334	08	6583	-49.2	353	07	8426	-59.6	341	08
08	3893	-32.1	A20	306	13	5158	-39.1	41	321	21	6656	-49.2	313	24	8504	-58.8	321	29
09	3868	-28.0	A19	279	08	5154	-36.8	41	311	08	6664	-47.4	317	09	8509	-60.9	306	13
10	3847	-30.3	73	296	13	5120	-37.9	54			6627	-47.8			8490	-55.7		
11	3824	-31.8	A20	299	21	5092	-39.0	38	291	26	6590	-49.0	289	26	8430	-60.0	268	18
12	3759	-36.8	66	290	07	5000	-44.9		275	11	6462	-53.6	270	15	8258	-58.0		
13	3747	-39.9	65	002	20	4968	-48.4		355	20	6453	-52.2			8224	-59.6		
14	3641	-43.3				4850	-48.3				6291	-56.5			8104	-59.1		
15	3719	-34.1	72			4975	-42.1				6488	-50.7			8311	-62.7		
16	3731	-33.0	66			4993	-39.0				6514	-47.7			8264	-62.0		
17	3740	-30.9	34	004	13	5012	-39.4	33	016	16	6513	-47.7	003	22	8367	-58.8	004	22
18	3753	-38.1	28	020	16	4988	-45.7		006	20	6446	-54.6	360	21	8252	-60.1	360	20
19	3715	-37.4	73	002	21	4952	-44.9				6416	-53.3			8231	-58.0		
20	3724	-32.1	76	063	13	4990	-40.2		078	16	6472	-52.3	093	17	8271	-63.1	072	13
21	3787	-29.6	61	031	14	5065	-38.1		039	14	6558	-50.7	052	14	8387	-61.5	053	13
22	3807	-28.4	48	-		5093	-36.2	43	045	05	6608	-47.3	074	07	8451	-60.2	076	11
23	3722	-33.3	A20	330	13	4981	-40.0	A22	306	06	6479	-49.5	260	05	8327	-58.3	286	08
24	3647	-38.8	66	258	07	4881	-45.5		241	03	6345	-52.7	230	01	8183	-56.8	352	03
25	3614	-39.8		170	03	4838	-47.3		128	02	6297	-52.6	006	08	8122	-57.9	366	08
26	3636	-37.8	43	296	01	4877	-43.6		308	09	6354	-50.7	306	13	8181	-61.0	312	13
27	3626	-36.9	63	301	03	4868	-44.5		319	06	6335	-52.1	323	12	8172	-59.9	329	15
28	3698	-39.1	47	001	11	4933	-44.9		356	30	6401	-52.2	359	17	8239	-59.2	351	31
MN	3755	-34.2	51	*		5011	-41.6	42	336	08	6494	-51.0	324	08	8326	-59.2	*	*

00 GMT.

CONSTANT PRESSURE DATA

Day	200 MBS				150 MBS				100 MBS				70 MBS					
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind		
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.		
01	11002	-63.5		300	11	12768	-63.8						15231					
02	10965	-64.5		300	08	12731	-63.5		313	11	15204	-66.2	300	14	17354	-69.6	296	11
03	10952	-60.7				12741	-61.2				15232	-66.0			17372	-70.6		
04	10857	-58.9		255	16	12653	-61.0		258	18	15155				17346	-61.9		
05	10856	-56.0		269	23	12671	-59.4				15182	-64.1			17405	-61.5		
06	10902	-57.9				12714	-58.6				15242	-63.9			17557	-64.8		
07	10980	-57.0		329	14	12800	-57.4				15341	-61.5			17607	-65.3		
08	11028	-57.4		321	29	12846	-57.4				15396	-59.9			17664	-61.0	277	23
09	11035	-57.0		296	09	12863	-59.7		282	15	15433	-58.2	274	12	17664	-61.0		
10	11065	-55.7				12900	-56.0				15467	-56.3			17706	-59.6		
11	11039	-59.8				12733	-60.0				15249							
12	10839	-58.0		281	13	12651	-58.7		292	19	15187	-60.4	284	28	17410	-60.5	284	36
13	10795	-57.3				12617	-56.8				15175	-59.0						
14	10883	-56.2				12506	-56.7				15065	-58.5			17298	-60.1		
15	10794	-57.8				12609	-57.7				15161	-59.0			17416	-59.9		
16	10849	-57.0				12674	-56.9				15244	-56.8			17507	-55.1		
17	10890	-57.8		004	24	12716	-56.8				15301	-53.8			17598	-51.5		
18	10813	-55.6				12646	-55.9				15233	-54.5			17529	-52.5		
19	10869																	
20	10813	-57.1		360	14	12639	-56.1		353	21	15212	-56.8	331	22	17470	-57.2	336	36
21	10906	-58.1		008	14	12741	-57.4		005	21	15274	-59.6	341	25	17497	-61.3	332	33
22	10938	-63.0		342	09	12721	-60.0		354	12	15241	-62.5	339	10	17437	-64.3	324	20
23	10850	-58.4		328	09	12649	-61.0		327	11	15148	-64.5	322	21				
24	10757	-56.4		329	09	12571	-59.5		324	10	15085	-63.7	318	18	17268	-64.9	314	23
25	10684	-58.5		339	09	12484	-60.4		306	12	14995	-63.3	312	14	17180	-64.9	314	20
26	10733	-58.1		314	10	12535	-60.5		317	13	15043	-63.9	312	07	17223	-66.0	319	19
27	10764	-59.1		326	16	12591	-57.7		321	16	15132	-61.1	321	18	17541	-62.0	321	22
28	10851	-59.1				12693	-54.8				15305	-51.9			17625	-50.8		
MN	10872	-58.0	*	*	*	12683	-58.6	*	*	*	15220	-60.3	*	*	17445	-61.3	*	*

CONSTANT PRESSURE DATA

12 GMT.

Day	600 MBS				500 MBS				400 MBS				300 MBS					
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind		
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.		
01	3901	-31.1	A20	276	05	5175	-37.8	A22	231	02	6674	-47.5	210	01	8518	-60.4	271	02
02	3870	-31.8	54	200	13	5136	-39.9	46	176	07	6624	-50.9	191	22	8493	-61.9	196	18
03	3721	-28.6	70	194	13	5037	-36.4	65	274	12	6518	-47.8	246	15	8370	-56.0	265	18
04	3739	-34.0	45	289	23	4998	-40.7		281	22	6486	-51.8			8309	-59.6		
05	3787	-39.0	A22	341	17	4956	-46.4		334	23	6413	-54.0	333	25	8247	-54.9		
06	3787	-39.0	56	302	12	5040	-42.8		312	15	6518	-50.0	312	16	8362	-56.9	309	22
07	3864	-31.4	A20	340	14	5132	-39.7	A22	333	13	6625	-50.0	312	17	8466	-59.9	315	24
08	3896	-29.3	A20	283	14	5187	-37.0	36	300	17	6694	-48.2			8559	-60.1		
09	3876	-29.8	71	292	08	5158	-37.1	65	275	10	6663	-48.4	271	13	8511	-58.0	267	14
10	3818	-29.4	A19	304	23	5100	-36.4	A22	300	36	6617	-46.7			8482	-56.6		
11	3813	-32.7	62	282	10	5077	-40.3		275	16	6567	-50.0	274	31	8402	-61.3	272	26
12																		
13	3729	-39.4	68			4955	-47.8				6403	-55.4			8208	-61.0		
14	3634	-38.4		018	24	4866	-45.9				6325	-53.6			8159	-59.0		
15	3692	-34.9	70			4940	-43.6				6409	-52.8			8349	-57.9		
16	3738	-31.8	66			5008	-39.0	60			6508	-48.4			8349	-59.8		
17	3756	-32.2	A20	021	14	5019	-40.7		009	21	6504	-51.0	009	31	8335	-60.5		
18	3733	-37.0	73	006	22	4977	-43.0		012	22								

RESOLUTE, N.W.T.
MARCH 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	-40.3	320	03	0119	-39.2	321	05	0480	-32.5	61	326	09	0858	-30.0	60	329	10	
02	1002	-38.1	350	04	0081	-38.0	350	04	0430	-30.7	62	325	08	0828	-29.0	60	337	08		
03	1001	-41.0	360	04	0073	-41.0	340	05	0440	-34.2	59	343	10	0806	-30.8	64	348	08		
04	1004	-39.1	360	04	0089	-39.5	302	04	0440	-35.1	64	010	08	0821	-33.2	63	013	07		
05	1013	-39.8	290	02	0150	-35.3	329	04	0510	-27.1	38	358	07	0908	-26.0	39	356	05		
06	1013	-40.6	360	02	0154	-39.0	352	05	0500	-31.6	45	356	06	0899	-26.7	59	020	07		
07	1013	-38.2	340	05	0156	-34.1	68	331	08	0520	-25.5	70	355	09	0915	-24.8	69	025	10	
08	1015	-34.9	61	320	07	0166	-33.4	63	330	08	0540	-17.4	53	344	16	0941	-19.0	37	340	13
09	1012	-37.4	260	02	0144	-38.1	62	266	03	0500	-36.9	64	291	09	0881	-27.0	71	305	13	
10	1011	-41.1	340	02	0140	-40.8	342	03	0500	-37.5	57	345	11	0872	-29.6	63	002	09		
11	1016	-41.0	320	03	0170	-38.7	316	04	0530	-33.8	60	322	08	0908	-31.5	66	333	08		
12	1016	-41.0	000	00	0169	-40.2	290	01	0530	-35.9	57	290	03	0899	-34.5	56	291	03		
13	1017	-42.8	320	03	0182	-38.0	49	320	03	0550	-33.8	55	352	06	0919	-32.5	58	331	06	
14	1016	-41.4	000	00	0169	-41.0	000	00	0520	-38.1	48	343	03	0895	-36.0	56	345	03		
15	1015	-43.3	340	05	0162	-39.7	345	05	0510	-35.7	49	352	06	0895	-33.0	59	352	05		
16	1005	-40.0	070	09	0097	-38.5	074	09	0590	-38.6	60	088	12	0822	-39.0	62	095	12		
17	1015	-36.9	30	060	04	0171	-32.5	53	0420	-27.0	41	36	06	0838	-35.8	59	081	08		
18	1004	-35.4	60	009	06	0093	-35.7	58	0460	-29.8	53	06	06	0838	-36.0	64	020	04		
19	0998	-33.1	63	330	06	0146	0420	04	0420	-27.0	41	361	06	0802	-24.0	48	020	04		
20	1008	-35.9	55	330	03	0119	-31.5	50	006	05	0500	-27.2	56	305	08	0877	-27.7	64	037	08
21	1003	-33.1	54	310	09	0085	-33.0	56	312	06	0460	-28.8	69	323	09	0844	-22.0	77	319	06
22	1009	-31.2	59	330	06	0128	-31.0	55	330	06	0500	-20.2	57	354	06	0900	-20.0	49	326	06
23	1016	-33.7	53	280	02	0172	-34.4	34	289	04	0540	-22.1	118	290	05	0932	-18.9	26	255	03
24	1016	-30.3	60	290	01	0173	-31.1	56	287	03	0520	-29.8	56	275	04	0924	-26.3	63	263	04
25	1015	-34.2	41	070	03	0170	-31.8	35	068	03	0530	-30.9	50	040	03	0922	-26.8	61	038	08
26	1020	-31.2	56	360	02	0204	-29.1	020	04	0590	-27.9	030	06	061	06	0961	-26.6	05	057	08
27	1022	-33.3	45	000	00	0216	-28.1	000	04	0590	-26.1	052	04	0978	-26.3	06	030	05		
28	1025	-35.6	48	360	02	0239	-31.6	48	282	04	0610	-25.9	51	263	04	0997	-26.1	46	260	03
29	1021	-37.3	000	00	0208	-36.2	31	325	02	0580	-28.3	43	358	03	0962	-24.4	41	002	02	
30	1019	-35.4	48	340	01	0192	-35.2	50	315	02	0560	-25.9	54	264	04	0952	-23.6	59	252	04
31	1022	-30.6	60	130	06	0221	-29.3	63	133	06	0590	-26.0	68	134	04	0981	-25.5	68	150	04

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	1266	-28.3	63	327	10	1702	-28.3	63	351	07	2180	-29.4	61	347	14	2655	-30.5	57	344
02	1241	-27.1	70	351	06	1678	-29.0	70	001	07	2150	-31.0	70	007	08	2625	-33.2	70	325	05
03	1213	-30.2	67	352	06	1645	-31.1	70	344	07	2090	-32.8	70	330	06	2585	-35.1	67	325	05
04	1223	-32.1	62	011	07	1657	-27.4	57	020	05	2120	-27.6	45	020	05	2618	-29.4	41	035	06
05	1320	-27.8	36	036	07	1758	-26.9	33	059	09	2240	-27.3	63	069	10	2719	-29.1	61	060	11
06	1315	-24.8	53	010	07	1755	-27.3	39	010	09	2230	-28.6	45	005	22	2714	-26.6	40	005	09
07	1330	-25.1	62	029	10	1771	-25.8	51	042	15	2250	-26.3	41	032	18	2735	-28.4	35	031	17
08	1365	-21.0	A18	349	12	1812	-23.5	A18	360	13	2290	-26.1	A19	006	16	2778	-29.0	A19	006	13
09	1296	-24.3	65	317	14	1739	-24.9	54	317	15	2210	-26.9	47	300	13	2702	-29.3	42	295	11
10	1280	-30.0	64	003	11	1711	-32.0	65	353	11	2160	-34.0	66	347	11	2645	-36.3	67	352	11
11	1312	-31.9	68	329	07	1739	-33.0	68	324	06	2190	-35.4	63	319	06	2666	-38.0	57	314	06
12	1300	-34.1	70	294	02	1722	-35.3	71	297	01	2180	-37.2	71	293	02	2645	-39.3	72	301	02
13	1322	-32.5	58	004	06	1749	-34.0	54	005	06	2200	-36.0	47	018	06	2676	-38.0	40	009	07
14	1293	-35.8	61	336	02	1714	-37.0	62	334	02	2160	-38.2	64	336	02	2632	-39.6	66	339	02
15	1296	-33.9	34	006	05	1721	-34.4	A21	020	06	2180	-34.7	A21	036	09	2659	-36.3	31	043	11
16	1220	-33.7	62	096	13	1646	-34.0	64	336	06	2100	-35.8	62	322	06	2574	-36.8	67	348	06
17	1305	-28.6	62	092	10	1726	-26.9	61	089	10	2180	-38.4	56	082	09	2644	-39.9	67	086	13
18	1244	-31.4	60	041	06	1673	-33.7	37	07	2130	-36.3	42	082	09	2599	-38.7	48	086	13	
19	1221	-21.3	61	002	10	1668	-23.6	68	360	17	2130	-33.0	66	360	17	2658	-34.1	A21	038	10
20	1286	-29.5	63	039	09	1718	-31.6	61	036	10	2170	-33.0	46	037	08	2658	-34.1	A21	038	10
21	1263	-24.3	76	325	05	1705	-25.5	75	358	08	2170	-24.6	74	011	07	2675	-27.0	71	017	09
22	1323	-21.3	44	326	05	1770	-23.1	42	315	05	2250	-26.2	48	321	06	2734	-29.6	55	334	07
23	1354	-20.3	31	283	01	1802	-21.8	30	339	05	2280	-23.1	A18	339	07	2780	-25.6	A18	332	07
24	1343	-20.4	74	274	06	1795	-19.3	81	300	03	2260	-20.8	82	325	03	2781	-22.8	80	300	06
25	1337	-24.6	69	037	07	1779	-25.6	61	035	06	2240	-27.1	47	030	09	2741	-28.6	40	056	05
26	1374	-27.0	06	069	07	1812	-27.1	062	08	2280	-28.2	04	055	09	2770	-29.3	05	059	09	
27	1390	-27.6	010	06	1828	-26.1	027	07	2300	-26.6	032	05	032	05	2791	-28.1	01	028	05	
28	1410	-26.8	39	289	01	1848	-26.5	33	340	02	2320	-27.4	30	066	04	2808	-29.8	30	014	03
29	1377	-25.7	46	007	03	1816	-27.0	50	011	04	2290	-28.5	55	030	04	2774	-29.8	58	049	06
30	1369	-24.1	52	268	03	1811	-25.3	62	264	03	2290	-27.2	68							

MARCH 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION
7292A 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	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	
01	3739	-35.4	4.8	341 11	4987	-43.0	3.2	329 14	6458	-54.0	3.2	326 17	8273	-58.1	3.2	329 20	
02	3698	-39.3	6.6	340 06	4924	-47.0	3.1	319 08	6375	-53.7	3.1	319 17	8225	-53.7	3.1	322 16	
03	3647	-40.9	6.6	346 04	4867	-47.7	3.1	350 04	6316	-54.3	3.1	348 04	8170	-51.2	3.2	332 07	
04	3705	-35.8	4.8	345 10	4953	-43.1	3.1	077 10	6425	-52.3	3.1	070 10	8267	-59.3	3.1	083 14	
05	3812	-33.0	3.0	344 12	5092	-37.6	3.1	A22 026 14	6593	-47.6	3.1	030 13	8436	-61.0	3.1	051 16	
06	3817	-32.0	A20 038 10	5080	-41.4	3.1	038 19	6559	-52.9	3.1	046 13	8386	-59.5	3.1	018 12		
07	3824	-35.0	A21 021 13	5074	-43.2	3.1	017 17	6541	-53.4	3.1	023 20	8356	-60.3	3.1	360 13		
08	3863	-37.0	A22 010 20	5100	-45.5	3.1	008 22	6568	-52.7	3.1	011 20	8377	-62.5	3.1	359 15		
09	3790	-36.0	3.5	295 13	5040	-41.7	3.1	291 17	6520	-51.8	3.1	292 15	8339	-58.7	3.1	280 17	
10	3701	-42.9	3.4	08 4910	-50.0	3.1	342 10	6344	-55.0	3.1	317 12	8203	-50.4	3.1	295 11		
11	3714	-43.6	3.1	06 4923	-50.2	3.1	326 07	6357	-55.5	3.1	311 12	8192	-55.3	3.1	303 12		
12	3694	-44.7	2.9	03 4900	-51.2	3.1	001 16	6333	-55.5	3.1	342 07	8168	-54.0	3.1	342 09		
13	3726	-43.1	3.6	08 4938	-49.0	3.1	024 06	6340	-52.3	3.1	357 15	8208	-59.5	3.1	350 14		
14	3677	-44.6	3.4	04 4885	-48.8	3.1	074 31	6410	-56.3	3.1	006 08	8187	-53.8	3.1	340 07		
15	3717	-37.8	4.9	06 20 4957	-45.3	3.1	021 01	6351	-47.5	3.1	15 10884	-50.0	3.1	14 10825	-49.0	3.1	14 10884
16	3640	-39.2	5.5	07 08 4874	-44.9	3.1	067 10	6360	-49.5	3.1	060 12	8255	-47.1	3.1	024 11		
17	3668	-43.8	4.7	07 08 4900	-48.5	3.1	230 06	6549	-51.2	3.1	217 07	8430	-46.8	3.1	010 02		
18	3645	-44.0	4.7	08 4853	-48.4	3.1											
19																	
20	3737	-34.6	A21 050 14	4990	-41.4	3.1	040 14	6490	-47.5	3.1	037 17	8401	-43.9	3.1	020 16		
21	3772	-33.8	6.7	03 11 5036	-39.2	3.1	021 12	6542	-46.1	3.1	045 08	8435	-47.8	3.1	043 08		
22	3824	-33.0	5.6	02 09 5087	-41.1	3.1	039 15	6574	-50.6	3.1	030 18	8425	-52.2	3.1	023 13		
23	3889	-29.5	A20 347 08	5163	-37.5	3.1	A22 007 03	6668	-47.9	3.1	002 04	8540	-51.8	3.1	025 06		
24	3899	-29.0	5.4	03 07 5181	-36.4	3.1	040 11	6693	-47.0	3.1	050 19	8565	-52.9	3.1	049 22		
25	3839	-32.3	A20 272 01	5102	-40.7	3.1	265 03	6600	-47.1	3.1	290 02	8501	-47.0	3.1	313 09		
26	3858	-34.8	0.5	09 5116	-41.2	3.1	050 08	6606	-49.1	3.1	077 04	8486	-48.7	3.1	040 05		
27	3887	-33.5	0.4	04 5146	-41.1	3.1	009 05	6634	-49.4	3.1	348 03	8506	-49.1	3.1	008 06		
28	3896	-34.8	3.0	33 04 5152	-41.3	3.1	387 05	6640	-49.6	3.1	026 07	8477	-50.9	3.1	001 05		
29	3860	-36.1	4.6	03 09 5166	-41.3	3.1	020 01	6584	-51.3	3.1	006 08	8447	-49.9	3.1	337 07		
30	3895	-36.7	7.0	292 06 5097	-45.1	3.1	314 06	6565	-51.8	3.1	301 08	8441	-47.3	3.1	314 06		
31	3868	-39.4	4.7	140 01 5091	-48.9	3.1	230 06	6549	-51.2	3.1	217 07	8430	-46.8	3.1	010 02		
MN	3776	-37.2	4.1	*	5017	-44.1	3.1	16 08 6490	-51.2	3.1	9 08 8348	-52.5	3.1	360 08			

Day	200 MBS				150 MBS				100 MBS				70 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	10882	-49.4	3.2	14 12776	-47.8	3.2	17 15444	-49.2	3.2	18 17781	-49.3	3.2	18 17781	-49.3	3.2	311 29
02	10881	-48.0	3.1	18 12780	-47.7	3.1	18 15462	-47.4	3.1	16 17826	-46.8	3.1	16 17826	-46.8	3.1	317 26
03	10843	-46.8	3.2	16 12744	-46.9	3.2	16 15435	-42.9	3.2	300 28	17848	-46.2	3.2	310 28		
04	10861	-50.5	3.4	08 12746	-47.6	3.4	13 15445	-45.0	3.4	320 15	17836	-43.3	3.4	296 22		
05	10999	-51.2	3.2	10 12889	-46.8	3.2	14 15586	-45.6	3.2	311 14	17972	-44.2	3.2	281 21		
06	10975	-50.8	3.3	14 12860	-48.3	3.3	16 15547	-45.4	3.3	305 20	17943	-42.6	3.3	292 26		
07	10951	-51.2	3.4	10 12993	-43.8	3.4	15 15627	-43.5	3.4	289 13	18041	-41.7	3.4	290 15		
08	10983	-49.1	3.2	19 12883	-44.4	3.2	18 15622	-40.5	3.2	268 16	18003	-39.1	3.2	289 15		
09	10961	-46.5	3.2	15 12804	-41.7	3.2	18 15564	-40.0	3.2	278 21	17955	-38.8	3.2	274 18		
10	10877	-46.9	3.2	14 12804	-41.7	3.2	18 15564	-40.0	3.2	280 21	17890	-39.0	3.2	275 21		
11	10848	-47.3	2.9	15 12764	-44.3	2.9	14 15443	-40.6	2.9	280 21	17890	-39.0	2.9	275 21		
12	10813	-49.5	3.1	11 12712	-45.9	3.1	14 15443	-43.0	3.1	284 19	17866	-40.9	3.1	286 22		
13	10858	-49.8	3.2	14 12733	-47.3	3.2	16 15434	-42.7	3.2	290 21	17916	-41.8	3.2	281 21		
14	10825	-49.0	3.1	11 12727	-46.8	3.1	16 15496	-41.3	3.1	320 21	18032	-40.9	3.1	327 23		
15	10884	-50.0	3.1	11 12775	-46.8	3.1	16 15556	-42.6	3.1	320 21	18032	-40.9	3.1	327 23		
16	10942	-48.2	3.2	12 12841	-41.2	3.2	14 15610	-41.8	3.2	320 21	18032	-40.9	3.2	327 23		
17	10951	-46.7	3.1	11 12868	-43.7	3.1	14 15673	-39.8	3.1	320 21	18032	-40.9	3.1	327 23		
18	10953	-43.2	3.2	12 12899	-41.2	3.2	14 15673	-39.8	3.2	320 21	18032	-40.9	3.2	327 23		
19																
20	11143	-40.9	3.2	10 13108	-38.9	3.2	06 15891	-41.1	3.2	05 18296	-43.9	3.2	05 18296	-43.9	3.2	312 07
21	11163	-41.1	3.1	09 13129	-38.8	3.1	06 15904	-41.2	3.1	05 18311	-43.8	3.1	05 18311	-43.8	3.1	222 07
22	11094	-44.3	3.5	07 13041	-41.5	3.5	04 15788	-42.3	3.5	03 17 18196	-43.1	3.5	04 17 18196	-43.1	3.5	342 06
23	11203	-45.7	3.7	04 13132	-43.1	3.7	05 15875	-41.7	3.7	00 04 18287	-42.8	3.7	00 04 18287	-42.8	3.7	324 03
24	11214	-47.9	3.5	07 13126	-44.9	3.5	09 15855	-43.1	3.5	04 18254	-43.5	3.5	04 18254	-43.5	3.5	338 04
25	11206	-44.7	3.5	07 13132	-43.8	3.5	09 15865	-43.1	3.5	08 18264	-43.9	3.5	08 18264	-43.9	3.5	331 05
26	11190	-44.0	3.4	08 13123	-43.7	3.4	09 15852	-43.6	3.4	08 18254	-43.9	3.4	08 18254	-43.9	3.4	331 05
27	11211	-42.8	3.3	07 13152	-42.8	3.3	07 15852	-43.1	3.3	06 18258	-43.5	3.3	06 18258	-43.5	3.3	009 05
28	11191	-43.0	3.3	09 13137	-41.8	3.3	07 15891	-41.7	3.3	06 18297	-44.1	3.3	06 18297	-44.1	3.3	021 06
29	11154	-43.8	3.3	10 13114	-39.4	3.3	08 15892	-39.2	3.3	01 12 18305	-44.3	3.3	01 12 18305	-44.3	3.3	023 10
30	11182	-38.6	3.4	10 13176	-35.8	3.4	13 15982	-39.3	3.4	00 10 18401	-43.9	3.4	00 10 18401	-43.9	3.4	020 09
31	11160	-40.3	3.4	06 13138	-36.6	3.4	11 15933	-40.0	3.4	03 09 18349	-43.7	3.4	03 09 18349	-43.7	3.4	340 04
MN	11013	-46.4	3.2	10 12938	-43.7	3.2	12 15673	-42.5	3.2	12 18092	-43.1	3.2	12 18092	-43.1	3.2	*

CONSTANT PRESSURE DATA

12 GMT.

RESOLUTE, N.W.T.

MARCH 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.

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01	19990	-48.8		311 40	23350	-48.7		322 40								
02	20061	-46.0		310 32	23462	-46.1		328 20	26153	-47.0		305 26				
03	20098	-46.2		305 31	23491	-47.9		297 20	26162	-46.6		311 23				
04	20098	-44.0		304 20	23515	-45.5		290 18	26210	-46.9		296 26				
05	20231	-44.2		291 23	23635	-45.16		299 20	26349	-44.6		285 15				
06	20214	-43.1		292 19	23656	-43.3		292 21	26374	-43.8		306 18				
07																
08	20319	-42.4		278 11	23775	-40.8		305 11	26535	-42.1						
09																
10	20309	-41.7		264 08	23757	-42.8		286 13	26515	-38.1						
11	20262	-39.5														
12	20195	-39.2		272 22	23727											
13	20147	-42.7														
14																
15	20188	-43.3			23633	-42.4			26395	-39.0						
16	20255	-41.1			23712											
17	20324	-41.5		307 16	23971	-40.5		316 09	26568	-37.7		000 00				
18	20385	-44.1			23818	-42.9										
19																
20	20552	-44.9		227 10	23967	-44.1		190 07	26702	-42.1		190 04				
21	20571	-44.2		203 08	23999	-43.1		175 05	26745	-41.0		169 07				
22	20462	-43.9		213 10	23892	-43.6		260 03	26627	-42.5		322 03				
23	20555	-43.7		354 04	23985	-43.3		323 04	26720	-42.5		345 05	31429	-40.1		
24	20516	-44.0		352 04	23934	-46.0										
25	20520	-44.0		019 06	23917	-45.7		046 04	26626	-44.5		023 07				
26	20509	-44.4			23928	-44.7			26642	-44.5						
27	20546	-44.9		039 07	23938	-48.0		044 06	26620	-46.9		067 06				
28	20546	-46.2		041 07	23923	-48.0		074 06								
29	20550	-46.6		046 11	23923	-48.3			26591	-48.9						
30	20650															
31	20593	-47.3		310 04												
MN	20357	-44.0		* 297 11	23771	-44.8		* 26502	-43.5		* 31429	-40.1		* 31429	-40.1	

CONSTANT PRESSURE DATA

12 GMT.

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01	20111															
02	20129	-45.8		317 26	23526	-47.0		313 18	26205	-48.1		309 27				
03	20128	-43.8		306 21	23542	-46.4		304 19	26232	-46.4		310 56	31056	-39.8		
04	20226	-43.5		294 19	23656	-44.3		296 18	26372	-44.8		299 25				
05	20188	-44.1		298 20	23618	-44.6		296 19	26342	-43.2		298 14				
06	20261	-43.2		296 19	23716	-42.0		276 18	26469	-41.8		340 12				
07	20310															
08	20331	-43.0		307 09	23790	-41.8		315 10	26542	-41.4		315 06				
09	20303	-40.0		276 29	23778	-41.0			26550	-38.1						
10	20280	-42.0		279 13	23740	-41.0		289 09	26530	-35.8		296 08				
11	20270	-40.3			23757	-39.9			26536	-38.2						
12	20699	-41.3		266 19	23959	-41.1		276 14	26326	-39.1		259 16				
13																
14	20187	-41.1		269 22	23658	-40.8		266 27								
15	20236	-41.8			23701	-39.8										
16	20272	-41.6		308 22	23763	-40.5										
17	20375	-42.9			23845	-40.5										
18	20452	-44.0			23889											
19	20599	-43.4			24044	-41.3			26813	-39.8						
20	20554	-44.3		000 00	23977	-43.5		172 03	26714	-42.0		150 04				
21	20525	-43.6		000 00	23957	-43.1		000 00	26700	-41.5		155 03	31428	-38.7		
22	20583	-42.5		097 02	24037	-41.4		300 02	26799	-39.8		327 03				
23																
24	20531	-43.6		006 05												
25	20477	-45.8		036 06	23879	-45.3		038 06	26589	-45.0		048 06				
26	20518	-47.1		046 08	23913	-46.7		068 06	26606	-46.4						
27	20535	-45.5		039 08	23929	-47.2		065 09	26615	-46.5		086 11				
28	20593															
29	20615	-46.0		359 07	23994	-47.8		018 10	26667	-47.1		048 07				
30																
31																
MN	20359	-43.3		* 23794	-43.0		* 26534	-42.5		* 31428	-39.3		* 31428	-39.3		*

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															
	hPa	Q	Q ₂	Q ₃	Q ₄	Q ₅	Alt. Opts.	Pres. Mb.	Alt. Opts.	Pres. Mb.	Alt. Opts.	Pres. Mb.	Temp. °C	°A	Alt. Opts.	Pres. Mb.	Temp. °C	°A	Alt. Opts.	Pres. Mb.	Temp. °C	°A	Alt. Opts.	Pres. Mb.
01	00900	10	8	08	0					1	07-50	340	-60.0	290	0					9	21-06	042	317	51
02	80950	02	0	03	0					2	06-38	400	-53.7	285	0					9	22-08	037	305	39
03	10936	03	2	06	0					1	06-91	364	-55.7	290	1	19-58	054	-46.7	521	1	28-06	013	317	50
04	00900	02	2	10	0					1	08-01	312	-60.0	297	0					1	29-26	013	315	45
05	00905	02	2	04	0					1	09-00	274	-64.4	302	0					9	17-76	072	276	23
06	00900	02	8	02	0					1	08-31	303	-59.8	300	0					9	18-10	068	293	28
07	00900	10	3	04	0					1	07-89	323	-61.1	293	0					6	06-30	415	009	23
08	00900	10	5	01	0					2	07-78	330	-61.5	291	0					9	04-30	545	005	23
09	15308	01	2	01	0					1	07-75	330	-60.1	292	0					1	11-86	175	293	23
10	15506	10	1	04	0					1	05-99	423	-56.1	277	0					9	14-77	112	282	23
11	00900	02	2	10	0					1	07-00	361	-57.0	289	0					8	15-28	104	276	24
12	00900	02	4	00	0					2	05-40	461	-54.2	273	0					9	20-49	048	280	26
13	00900	02	2	03	0					2	06-01	423	-54.6	280	0					1	20-03	051	269	27
14	00902	10	4	00	0					1	07-12	354	-54.9	294	0					1	16-96	079	283	27
15	00900	02	8	09	0					2	06-41	400	-56.3	282	0					1	05-51	499	070	50
16	00900	02	2	19	0					1	05-49	456	-47.8	282	0	21-78	040	-42.4	577	1	01-52	819	080	19
17	00900	02	4	00	0					2	04-94	497	-48.7	274	0					9	18-13	069	328	23
18	60830	38	7	04	0					1	04-61	518	-48.9	271	1	17-73	074	-42.3	485	0				
19	65550	71	3	07	0					0										2	01-93	768	360	18
20	00900	02	1	03	0					2	06-49	400	-47.5	298	2	16-45	092	-43.0	455	9	07-55	342	025	18
21	00900	02	1	03	0					1	07-75	332	-50.6	305	0					1	28-94	014	195	19
22	00907	02	2	22	0					1	07-36	354	-55.5	293										

APRIL 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	1022	-27	5	59 070	12 0221	-23	5	42 096	08 0580	-24	8	45 120	05 0988	-26	2	49 085	08			
02	1013	-29	7	56 090	11 0153	-26	0	53 060	13 0530	-26	6	54 110	16 0911	-29	0	59 117	15			
03	1004	-25	3	63 360	02 0094	-25	1	61 000	00 0450	-26	0	54 000	00 0846	-28	4	63 000	00			
04	1007	-31	3	66 270	05 0112	-32	0	65 278	05 0480	-30	9	68 316	07 0958	-29	1	72 330	07			
05	1011	-32	2	57 180	03 0143	-32	8	56 184	03 0500	-35	5	50 208	05 0880	-33	7	55 226	05			
06	1017	-32	3	49 110	06 0186	-32	6	53 110	06 0550	-33	5	63 150	05 0926	-33	0	70 152	03			
07	1013	-23	7	71 110	11 0160	-24	4	72 129	15 0530	-26	7	77 142	18 0922	-27	5	76 147	16			
08	1004	-22	7	70 050	06 0094	-22	1	67 057	07 0400	-24	1	65 101	13 0863	-27	9	72 121	14			
09	1006	-26	6	67 120	08 0105	-27	1	66 123	09 0480	-29	4	65 139	10 0862	-26	3	70 137	09			
10	1017	-27	2	56 090	11 0189	-27	1	72 118	11 0580	-25	5	70 139	10 0955	-22	8	67 140	08			
11	1015	-16	6	76	0177	-15	4	83	0580	-14	1	80	0974	-15	0	81				
12	1011	-17	2	80 090	20 0143				0520				0937							
13	1004	-16	2	72 110	09 0096	-16	3	72 111	09 0480	-18	5	72 160	09 0882	-20	4	72 162	08			
14	1015	-19	4	71	0175	-19	9	69	0550	-17	2	68	0963	-16	7	70				
15	1014	-15	7	79 120	12 0170	-15	3	75 120	13 0550	-18	2	76 149	13 0958	-19	7	78 156	12			
16	1023	-25	6	64 180	06 0227	-26	0	59 204	09 0600	-24	8	46 223	09 0994	-23	7	42 229	14			
17	1017	-17	4	70 110	12 0189	-16	9	73 140	15 0590	-13	7	78 161	14 0987	-13	3	63 191	10			
18	1013	-12	2	85 120	11 0159	-11	7	78 144	12 0550	-12	0	65 195	19 0970	-07	3	27				
19	1016	-11	6	72 120	12 0184	-11	2	69 135	12 0500	-08	0	51 183	10 1000	-07	5	24 188	12			
20	1017	-08	3	82 110	09 0195	-06	6	68 120	09 0600	-06	0	58 058	08 1320	-07	6	57 170	07			
21	1012	-10	3	78 110	15 0153	-09	6	77 122	15 0550	-07	4	68 162	11 0972	-06	6	68 170	09			
22	1007	-09	6	75 090	10 0121	-09	1	74 098	10 0510	-05	4	70 132	07 0944	-06	0	39 138	06			
23																				
24	0998	-14	1	83	0046				0440	-12	1	88	0848	-14	3	91				
25	1010	-15	9	81 200	05 0135	-16	0	81 201	05 0510	-16	5	80 203	06 0929	-14	1	80 234	06			
26	1016	-18	1	78 000	00 0185	-19	2	67 264	01 0570	-14	6	77 256	04 0980	-13	7	79 258	05			
27	1022	-17	0	80 315	06 0229	-18	2	80 341	06 0610	-20	8	81 004	09 1022	-11	7	67 002	10			
28	1019	-18	2	76 140	02 0206	-13	0	64 172	03 0600	-07	0	39 233	05 1025	-04	6	23 268	06			
29	1015	-11	1	83 150	05 0183	-12	0	80 181	05 0560	-10	6	83 226	09 0993	-09	0	86 241	09			
30	1009	-07	6	87 140	10 0134	-08	1	85 152	11 0520	-10	8	75 186	11 0947	-09	3	56 212	10			
MN	1013	-19	3	72	*	157	-19	2	69	*	539	-18	6	67	*	943	-18	0	63	*

Day	650 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	1403	-24	0	51 090	08 1845	-25	8	44 107	08 2300	-27	6	37 102	11 2803	-30	4	36 095	09					
02	1320	-27	4	60 110	13 1758	-28	8	60 098	05 2210	-28	6	64 096	10 2714	-30	5	68 110	10					
03	1252	-30	2	70 000	00 1685	-28	9	73 088	02 2150	-29	7	73 056	02 2634	-32	1	72 080	02					
04	1266	-30	2	74 338	05 1697	-32	3	75 336	04 2160	-33	5	76 324	03 2635	-33	7	76 306	01					
05	1293	-31	6	81 293	02 1715	-30	1	65 316	01 2190	-31	5	66 279	03 2660	-32	9	67 291	04					
06	1330	-30	9	71 144	03 1742	-30	8	71 000	00 2210	-32	2	66 298	01 2704	-34	6	62 243	02					
07	1333	-28	1	75 156	11 1769	-28	8	74 162	10 2230	-31	0	73 165	07 2716	-33	2	72 157	09					
08	1274	-27	4	75 126	07 1713	-27	1	76 112	09 2180	-28	7	75 120	07 2668	-30	4	75 125	07					
09	1275	-27	3	72 121	10 1712	-28	8	73 126	10 2170	-30	1	74 129	08 2662	-32	2	74 124	10					
10	1373	-23	9	63 144	06 1815	-25	0	57 161	08 2300	-26	2	52 186	09 2780	-27	9	60 214	12					
11	1403	-17	5	80	1855	-20	4	79	2320	-21	6	73	2836	-23	0	63						
12	1370				1832	-15	0	37 150	10 2310	-17	8	33 150	18 2831	-20	4	44 150	19					
13	1305	-20	4	73 153	12 1755	-20	4	75 153	13 2230	-19	1	76 133	22 2747	-21	2	76						
14	1391	-18	6	71	1843	-21	8	72	2300	-23	8	72	2820	-25	4	70						
15	1380	-22	7	81 141	13 1829	-18	4	80 173	07 2300	-19	2	81 177	12 2821	-21	1	82 200	18					
16	1413	-21	6	37 236	17 1861	-21	7	36 230	19 2330	-22	0	35	2843	-23	9	31						
17	1420	-14	4	42 208	10 1881	-14	6	50 215	11 2370	-17	0	67 216	16 2882	-20	0	68 216	14					
18	1413	-09	1	41	1881	-11	7	62	2380	-13	9	57	2895	-15	6	38						
19	1442	-09	2	24 202	09 1911	-11	1	41 202	11 2410	-13	1	47 193	08 2901	-13	0	41 181	07					
20	1464	-08	5	40 164	09 1934	-10	4	33	2430	-12	7	30	2952									
21	1418	-08	0	73 178	08 1888	-10	4	78 176	09 2390	-13	0	85 180	09 2907	-15	4	66 178	07					
22	1390	-07	2	26 137	06 1863	-09	4	33 136	08 2360	-11	2	32 153	10 2889	-12	9	43 148	08					
23																						
24	1284	-11	6	89	1748	-14	0	87	2240	-15	2	63	2757	-16	2	35						
25	1363	-13	5	82 250	06 1824	-15	5	81 252	06 2310	-17	8	80 243	09 2824	-18	7	78 235	11					
26	1414	-14	0	76 266	07 1873	-15	9	63 276	08 2360	-17	9	50 290	07 2871	-20	0	37 291	07					
27	1461	-11	2	50 005	11 1928	-11	3	31 002	13 2420	-12	6	26 003	16 2946	-14	4	25 004	19					
28	1475	-04	8	27 269	05 1953	-05	0	33 271	06 2450	-07	0	42 277	07 2994	-09	4	51 271	05					
29	1436	-08	3	88 247	05 1908	-08	3	88 252	04 2390	-10	6	87 253	05 2935	-13	0	84 256	08					
30	1387	-11	2	62 194	16 1854	-11	2	74 188	10 2340	-12	4	78 205	07 2874	-14	4	72 220	07					
MN	1370	-18	3	62	175	04	1824	-19	0	62	*	2301	-20	6	61	*	2811	-22	7	59	185	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	1019	-28	9	51 050	04 0197	-24	2	47 071	03 0580	-26	2	53 070	04 0960	-27	6	61 096	09
02	1007	-25	6	64 050	05 0119	-24	0	54 055	04 0490	-25	1	55 094	05 0884	-28	0	63 125	12
03	1004	-31	4	58 000	00 0090	-29	9	59 000	00 0460	-26	7	63 163	02 0850	-28	0	67 331	02
04	1009	-32	6	55 120	03 0124	-31	8	50 136	04 0490	-32	8	54 217	06 0868	-30	0	59 221	06
05	1014	-36	1	47 120	05 0161	-34	9	55 175	05 0510	-34	5	67 167	02 0900	-31	9	66 177	02
06	1017	-33	8	53 090	09 0179	-32	0	62	0540	-31	0	66	0927	-30	2	67	
07	1009	-24	9	74 080	12 0128	-23	0	75 096	13 0500	-24	0	75 128	10 0997	-25	2	74 035	11
08	1004	-33	2	63 110	05 0091	-32	1	63 112	05 0470	-23	8	68 143	06 0856	-24	5	70 143	08
09	1011	-31	6	58 120	04 0146	-29	2	65 130	04 0510	-28	6	68 172	05 0900	-28	4	70 158	03

APRIL 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.

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	3883	-37.2	38	116	07	5121	-45.1	116	06	6589	-51.0	157	04	8471	-46.4	115	01	
02	3793	-37.6	70	122	07	5029	-45.8	134	05	6505	-48.7	144	11	8413	-43.8	168	08		
03	3709	-37.3	70	076	02	4950	-44.5	100	04	6432	-45.4	162	06	8374	-39.7	209	06		
04	3707	-38.3	73	320	03	4940	-44.3	338	06	6420	-46.0	342	03	8368	-38.7	316	03		
05	3731	-38.8	68	279	06	4964	-44.0	267	08	6454	-45.0	275	07	8390	-40.1	280	06		
06	3765	-41.1	70	241	07	4992	-43.8	243	11	6485	-45.7	235	13	8423	-40.6	232	04		
07	3787	-38.5	70	169	24	5023	-44.9	170	26	6509	-46.7	177	22	8434	-42.7	167	18		
08	3752	-35.6	75	145	10	5000	-43.8	127	16	6482	-48.0	148	19	8396	-44.3	142	20		
09	3735	-38.7	74	127	10	4967	-46.7	111	11	6444	-47.0	129	10	8381	-39.7	156	05		
10	3888	-30.0	70	234	22	5168	-37.6	66	233	41	6675	-49.1	8542	-50.0	115	01			
11	3951	-28.4	46	150	19	5239	-35.5	46	160	23	6754	-47.6	8602	-50.0	190	12			
12	3969	-24.8	57	150	19	5274	-33.9	49	160	23	6802	-45.1	190	19	8666	-38.3	190	12	
13	3875	-27.8	80	107	13	5163	-36.1	62	122	24	6684	-45.9	177	22	8434	-42.7	167	18	
14	3927	-31.1	65	107	13	5205	-37.1	58	122	24	6727	-44.1	177	22	8434	-42.7	167	18	
15	3952	-23.4	68	208	13	5275	-28.2	40	212	24	6838	-40.0	49	216	33	8659	-51.6	167	18
16	3956	-28.7	A19	237	10	5244	-35.6	A21	237	10	6764	-45.5	A21	237	10	8659	-51.6	167	18
17	4011	-25.2	75	249	18	5317	-33.1	68	249	18	6848	-45.5	227	11	8712	-45.7	218	18	
18	4046	-21.5	72	249	18	5363	-31.7	66	249	18	6901	-44.3	227	11	8776	-55.3	218	18	
19	4088	-20.0	A17	191	05	5416	-29.9	A20	225	06	6973	-41.2	256	09	8868	-55.0	318	18	
20	4102	-21.0	A18	130	13	5422	-30.6	A20	120	06	6967	-42.3	091	10	8853	-55.0	102	11	
21	4053	-23.5	69	180	10	5362	-31.9	A20	203	12	6906	-41.6	217	11	8811	-52.2	245	16	
22	4049	-19.7	77	153	10	5381	-28.0	68	151	11	6943	-40.0	65	158	10	8851	-53.6	182	12
23																			
24	3901	-23.2	70	237	10	5220	-28.8	A19	237	10	6795	-35.4	A21	227	11	8774	-41.0	218	18
25	3958	-25.7	70	230	11	5259	-33.9	36	230	10	6787	-43.1	227	11	8715	-43.8	218	18	
26	4001	-26.7	31	306	11	5289	-37.2	45	300	11	6817	-41.2	268	08	8755	-44.0	271	10	
27	4105	-19.5	68	002	20	5436	-28.9	40	002	20	6992	-41.0	80	00	8894	-50.8	271	10	
28	4170	-17.2	69	284	08	5513	-25.6	72	312	09	7094	-36.9	65	324	11	9027	-50.6	331	18
29	4096	-19.1	78	266	12	5428	-28.0	73	256	19	6992	-40.0	57	268	22	8892	-53.8	261	23
30	4029	-20.2	72	223	14	5361	-27.4	73	223	16	6925	-29.9	67	239	20	8847	-50.0	261	23
MN	3931	-28.3	59	*		5218	-36.0	48	204	08	6742	-43.9	54	207	08	8649	-48.7	*	

CONSTANT PRESSURE DATA

12 GMT.

Day	600 MBS				500 MBS				400 MBS				300 MBS						
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. 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	3854	-36.9	A21	104	05	5095	-44.0	150	05	6568	-50.9	129	07	8468	-44.1	165	04	
02	3774	-36.9	74	111	07	5017	-43.3	114	07	6501	-47.6	141	08	8433	-40.5	190	07		
03	3715	-38.1	71	343	03	4948	-45.9	9	014	05	6434	-45.1	246	01	8382	-38.8	177	04	
04	3727	-37.9	63	264	05	4965	-45.2	275	09	6454	-45.1	274	07	8403	-38.8	282	03		
05	3745	-40.3	63	274	08	4972	-45.3	271	10	6470	-44.2	269	10	8416	-39.9	289	03		
06	3775	-40.1	63	196	13	5004	-44.3	3	210	13	6492	-44.6	206	21	8424	-41.8	194	06	
07	3778	-37.0	68	162	18	5016	-44.3	165	24	6498	-47.2	166	27	8420	-44.2	194	06		
08	3745	-37.0	63	148	12	4984	-44.3	146	13	6463	-46.9	143	17	8396	-40.8	138	13		
09	3755	-40.1	179	04	4996	-44.2	204	04	6477	-45.8	222	07	8418	-41.4	212	07			
10	3975	-27.3	74	37	04	5261	-37.3	71	04	6763	-49.0	161	16	8511	-48.3	168	23		
11	3960	-26.4	74	37	04	5251	-36.0	A21	37	04	6763	-49.0	161	16	8511	-48.3	168	23	
12																			
13	3880	-31.3	37	206	15	5148	-40.5	184	18	6636	-49.2	161	16	8511	-48.3	168	23		
14	3944	-27.6	73	190	12	5242	-34.1	74	210	20	6771	-45.1	246	01	8382	-38.8	177	04	
15	3948	-27.4	A19	190	12	5244	-34.0	A21	190	12	6771	-45.1	246	01	8382	-38.8	177	04	
16	3976	-29.5	66	248	34	5253	-38.6	65	34	6753	-48.0	248	18	8729	-56.8	324	33		
17	4011	-22.8	72	242	12	5323	-32.0	73	232	18	6861	-44.8	294	10	8823	-57.2	324	33	
18	4072	-20.2	37	206	04	5396	-29.6	A20	214	09	6943	-42.6	126	05	8896	-55.0	020	13	
19	4110	-18.6	A17	141	07	5443	-28.4	A19	214	02	7000	-40.4	4	001	05	8896	-55.0	020	13
20	4051	-22.8	68	146	16	5369	-31.5	A20	140	08	6910	-43.3	126	05	8896	-55.0	020	13	
21	4056	-19.6	62	238	07	5387	-28.8	54	246	07	6947	-40.0	45	226	08	8856	-54.1	224	06
22	4029	-20.6	58	170	10	5360	-27.9	A19	171	19	6922	-40.0	A22	176	11	8834	-51.1	216	23
23	3890	-21.4	A18	189	27	5231	-22.9	A18	192	42	6842	-30.9	A20	176	11	8834	-51.1	216	23
24	3898	-23.1	75	203	35	5202	-33.5	62	35	6739	-46.1	235	11	8705	-44.4	208	12		
25	3945	-27.0	65	264	08	5260	-35.1	58	252	12	6784	-43.1	235	11	8705	-44.4	208	12	
26	4047	-22.3	A18	346	19	5369	-29.0	A19	342	35	6931	-39.3	A22	016	20	9013	-53.0	012	23
27	4175	-16.0	85	022	14	5522	-26.0	A19	024	17	7098	-38.3	A22	016	20	9013	-53.0	012	23
28	4136	-18.0	85	271	11	5474	-27.7	76	267	15	7040	-40.0	66	273	21	8940	-54.7	28	13
29	4079	-18.5	80	233	14	5414	-28.0	73	230	15	6978	-39.5	65	227	17	8880	-54.5	28	13
30	3938	-25.7	69	222	08	5233	-34.1	53	218	13	6759	-45.4	208	14	8675	-44.6	215	14	
MN	3931	-28.0	52	*		5220	-35.7	44	210	07	6743	-43.6	37	211	07	8657	-47.7	*	

* Statistical Value for Relative Humidity

* Vector Mean Wind

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

00 GMT.

CONSTANT PRESSURE DATA

Day	200 MBS				150 MBS				100 MBS				70 MBS			
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. 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	11219	-39.4	333	06	13199	-36.6	306	08							

RESOLUTE, N.W.T.

APRIL 1961

STATION INSTRUMENTATION

USWB type radiosonde, SCR458 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

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	20653	-47.1		312 03	24008	-49.0		148 01	26671	-48.9		133 03				
02	20561	-48.4		188 04	23902	-50.3		275 04	26550	-50.1		170 02				
03	20543	-48.0		256 07	23907	-48.4		238 05	26576	-48.5		283 02				
04	20548	-47.8		314 03	23922	-47.8		335 02	26595	-48.4		016 03				
05	20515	-47.5		241 01	23878	-49.1		000 00								
06	20524															
07	20539	-47.9		026 05	23903	-49.1		006 04	26560	-48.8		023 04				
08	20473	-47.8		147 06	23830	-50.3		123 04	26484	-49.2		112 05				
09	20516	-48.0			23876	-49.0			26547	-46.5						
10																
11																
12																
13	20516	-45.9			23906	-46.8										
14	20521	-47.9			23885	-48.4			26553	-48.6						
15	20556	-48.8			23912	-48.6			26583	-48.0						
16	20564	-48.5			23927	-48.0										
17	20568	-48.7			23919	-49.0										
18	20565	-49.5			23911	-49.1			26580	-47.8						
19	20534	-50.3		053 01	23875	-49.7		135 03	26534	-49.1		128 03				
20	20557	-49.7		238 04	23897	-50.4		170 02	26538	-51.2		000 00	31060	-48.7		
21	20600	-49.2		000 00	23942	-50.3		000 00	26582	-50.6		044 05				
22	20638	-50.0		324 03	23966	-50.8										
23																
24	20719	-48.7			24072	-49.2			26732	-49.3						
25	20644	-49.5		064 03	23983	-51.0		040 04	26617	-51.2		063 07				
26	20628	-50.5		088 06	23967	-51.3		054 09								
27	20687	-49.7			24020	-51.2			26648	-52.0						
28	20722	-49.9		070 07	24059	-50.5		062 04	26700	-51.0		074 04				
29	20682	-49.2			24021	-51.1			26636	-50.3						
30	20753	-46.5			24135	-47.7										
MN	20589	-48.6	*		23945	-49.4	*		26595	-49.4	*		31060	-48.7	*	

Day	SURFACE SYNOPSIS DATA						FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL													
	H ₂ O	Cl	Ca	Co	vw	opp	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	00900	38	6	11	0	0	2	06	59	400	-51	0	289	0					9	06	06	022	070	12								
02	00904	38	7	16	0	0	2	05	20	488	-46	8	278	0					9	00	35	973	099	17								
03	25504	73	7	09	0	0	1	05	47	463	-47	7	281	0					9	11	46	192	292	09								
04	00908	10	2	08	0	0	1	05	14	485	-47	6	277	0					9	13	28	147	314	08								
05	00907	02	1	06	0	0	1	04	58	529	-44	7	274	0					9	05	70	448	270	11								
06	00901	02	2	03	0	0	1	04	34	550	-44	5	271	0					8	06	33	409	293	14								
07	00907	38	7	11	0	0	2	04	89	510	-44	7	277	0					9	05	31	479	177	28								
08	80910	71	7	09	0	0	1	06	48	400	-48	0	292	2	16	00	098	-46	0	441	9	07	63	337	140	27						
09	80810	71	3	06	0	0	1	05	77	443	-48	0	284	0					3	05	02	495	111	12								
10	00907	02	4	00	0	0	1	07	59	348	-54	0	296	2	15	93	100	-47	1	436	1	05	88	452	233	44						
11	20950	39	2	06	0	0	1	08	61	298	-59	7	302	1	13	20	150	-43	3	395	0											
12	80919	39	7	09	0	0	1	09	18	276	-60	6	307	0					6	07	60	395	207	26								
13	80719	76	3	04	0	0	1	08	49	302	-56	9	305	0					1	02	66	707	132	30								
14	00908	76	3	06	0	0	1	07	97	331	-51	3	304	2	12	78	160	-45	1	385	0											
15	16206	38	7	13	0	0	1	09	09	284	-54	0	314	0					1	07	72	391	223	37								
16	00900	02	7	06	0	0	2	07	15	378	-47	8	298	1	13	22	151	-46	3	389	1	02	79	703	231	20						
17	00907	36	7	06	0	0	1	08	57	312	-57	3	301	0					1	04	36	988	230	19								
18	16448	02	3	05	0	0	1	08	57	308	-54	8	304	0					1	00	36	900	195	19								
19	00907	02	1	02	0	0	1	09	89	255	-59	8	315	2	13	78	141	-48	5	393	9	09	22	283	223	14						
20	00900	02	8	04	0	0	1	09	29	280	-56	5	312	2	13	37	150	-48	8	386	9	03	81	624	131	26						
21	60931	03	6	08	0	0	1	08	91	294	-53	0	313	0					9	07	91	344	221	18								
22	00904	02	2	02	0	0	1	09	21	284	-56	0	311	0					9	08	01	341	167	16								
23																																
24	65500	02	2	08	0	0	2	08	81	298	-41	1	328	1	12	54	172	-46	3	375	0											
25	25700	71	2	17	0	0	2	06	45	420	-42	8	295	0					9	09	86	253	209	18								
26	00901	02	2	05	0	0	1	07	38	369	-43	2	306	1	20	25	053	-50	8	514	9	05	07	516	299	13						
27	66400	02	2	06	0	0	1	08	33	327	-50	9	306	0					1	05	24	515	002	29								
28	25901	03	7	07	0	0	1	09	69	270	-55	7	317	0					9	09	90	261	394	21								
29	855	71	7	05	0	0	1	08	68	309	-54	8	306	0					1	09	90	255	263	26								
30	855	02	7	09	0	0	1	09	39	275	-53	6	317	0					4	05	90	462	227	22								
MEAN																																

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	20668	-46.2		256 02	24039	-48.3		256 01	26710	-48.3		338 04					
02	20592	-48.3		239 07	23945	-48.4		195 01	26618	-47.7		032 05					
03																	
04	20609	-46.4		216 03	23978	-48.9		000 00	26651	-47.1		338 04					
05	20587	-46.4		261 02	23972	-46.3		248 01	26521	-49.1		032 05					
06	20512	-48.9		176 02	23857	-49.8		060 02	26545	-49.6							
07	20515	-46.8			23890	-49.3			26545	-49.6							
08	20523	-47.3		117 03	23891	-49.4		135 04	26557	-47.3		144 04					
09	20484	-47.9		157 06	23836	-50.1		085 07	26496	-48.3		108 08					
10																	
11																	
12																	
13	20467	-47.3		105 08	23844	-47.7		154 08									
14																	
15	20571	-48.5			23927	-48.6			26600	-47.7							
16	20558	-49.1			23912	-48.9			26582	-48.0							
17	20485	-49.5			23831	-49.0			26501	-47.7							
18	20564	-49.5		279 05													
19	20580	-50.4		196 04	23915	-49.5		248 05	26581	-48.0		202 07	31175	-45.5			

RESOLUTE, N.W.T.
MAY 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.								
																	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.
01	1011	-16	1	76	320	08	0145	-17	1	77	321	10	0510	-14	3	82	320	09	0942	-15	0	82	320	06
02	1014	-19	9	70	290	04	0182	-20	8	69	301	05	0580	-23	1	71	310	10	0954	-25	2	73	310	10
03	1016	-20	6	66	300	04	0165	-21	3	68	305	05	0530	-23	9	72	317	08	0939	-16	9	72	307	06
04	1009	-21	5	67	320	01	0135	-22	2	65	325	02	0520	-22	6	65	354	03	0911	-17	5	66	324	05
05	1005	-18	9	67	120	08	0101	-19	2	67	195	05	0480	-19	5	73	148	05	0884	-17	8	70	105	04
06	1009	-15	8	71	110	04	0129	-15	0	65	110	04	0510	-16	4	63	120	04	0920	-18	9	66	096	05
07	1015	-17	8	74	360	06	0178	-17	4	66	003	07	0560	-19	2	64	005	07	0960	-22	2	71	358	04
08	1014	-17	3	70	000	00	0165	-18	2	73	000	00	0540	-16	9	78	280	05	0957	-14	0	82	292	06
09	1010	-14	8	78	140	04	0141	-14	9	79	146	04	0520	-15	4	81	174	05	0939	-13	0	82	147	01
10	1012	-14	9	74	090	06	0154	-15	3	72	100	05	0540	-15	0	73	100	03	0950	-14	9	80	072	05
11	1011	-12	3	72	020	12	0150	-11	1	64	027	10	0540	-12	5	65	080	03	0954	-14	5	71	035	08
12	1006	-12	7	74	340	06	0113	-13	0	75	347	07	0510	-11	3	64	042	05	0919	-13	2	63	037	02
13	1005	-12	1	66	000	00	0099	-12	3	67	000	00	0480	-12	4	72	000	00	0904	-11	2	55	037	03
14	1005	-11	7	76	340	02	0099	-11	4	74	341	02	0480	-10	4	58	044	04	0914	-06	9	39	049	06
15	1006	-11	7	78	360	07	0109	-11	4	80	002	07	0500			010	08	0921	-09	2	84	003	10	
16	1007	-08	7	81	360	09	0121	-09	0	82	360	10	0510	-12	4	86	353	14	0928	-12	4	85	008	10
17	1008	-11	9	76	040	07	0125	-12	2	76	041	07	0500	-14	4	80	062	06	0925	-14	2	82	075	06
18	1009	-09	2	85	090	04	0131	-09	6	79	050	05	0510	-11	7	57	000	00	0938	-15	2	63	000	00
19	1009	-08	6	82	750	02	0131	-09	1	72	351	02	0530	-12	7	75	290	03	0934	-16	5	77	273	02
20	1009	-09	4	84	240	02	0134	-09	9	78	250	02	0510	-13	1	72	000	00	0936	-16	9	69	000	00
21	1014	-09	7	72	200	01	0171	-10	9	73	203	01	0560	-14	1	77	207	02	0972	-16	1	80	240	02
22	1017	-09	7	81	140	09	0191	-10	8	82	141	10	0590	-13	4	83	155	08	1003	-06	4	50	210	03
23	1024	-08	6	82	270	02	0247	-10	1	80	295	04	0640	-09	5	83	327	04	1060	-10	8	90	332	06
24	1027	-07	2	87	290	05	0271	-08	8	91	291	08	0660	-07	5	78	326	08	1091	-05	0	17	332	11
25	1014	-09	1	80	120	05	0175	-08	0	81	138	08	0600	-02	0	60	156	05	1008	-03	8	51	146	04
26	1010	-06	7	79	350	07	0142	-06	7	63	358	07	0540	-06	1	A15	004	06	0966	-06	2	A15	026	05
27	1012	-09	4	82	340	11	0152	-10	2	80	344	13	0550	-08	4	72	357	14	0969	-06	6	63	007	09
28	1006	-06	5	89	300	07	0112	-06	8	85	301	07	0510	-03	7	68	308	11	0941	-04	8	56	320	12
29	1004	-07	3	89	110	09	0091	-07	1	87	111	09	0500	-01	8	55	183	06	0925	-01	8	28	214	04
30	0993	-03	9	83	140	11	0006						0430	-04	9	88	-		0838	-05	4	93	-	
31	0994	-02	1	95	090	09	0018						0430	-03	0	95	139	06	0852	-04	2	94	142	05
MN	1010	-11	8	77	*		138	-12	8	75	*		528	-12	4	71	*		944	-12	2	69	*	

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.
01	1373	-16	8	81	319	07	1827	-18	8	80	323	10	2290	-20	1	80	330	09	2817	-21	3	78	326	10
02	1376	-20	0	76	311	10	1825	-20	9	75	306	11	2300	-23	2	74	330	10	2802	-25	9	72	306	11
03	1368	-16	9	64	324	08	1823	-18	1	61	325	13	2300	-19	8	52	331	11	2813	-21	9	37	347	10
04	1339	-17	4	54	322	06	1793	-18	1	43	325	08	2270	-19	3	35	328	10	2785	-20	6	26	330	11
05	1312	-18	1	61	090	02	1765	-19	1	48	020	01	2250	-20	5	37	345	02	2753	-22	2	32	350	03
06	1345	-19	2	68	108	04	1797	-19	7	63	040	03	2290	-20	9	52	056	03	2783	-23	0	49	346	02
07	1381	-18	6	66	007	06	1833	-19	9	56	005	07	2310	-21	3	46	011	06	2817	-23	5	38	011	07
08	1390	-14	3	83	249	06	1849	-15	6	82	284	06	2340	-16	9	81	293	05	2851	-18	3	80	338	05
09	1375	-11	3	83	040	03	1841	-12	5	83	358	06	2330	-15	9	82	338	04	2847	-19	3	81	318	03
10	1383	-15	0	61	072	05	1841	-16	1	32	062	06	2330	-17	0	37	055	07	2839	-20	0	60	058	08
11	1387	-14	2	61	028	05	1847	-15	2	53	028	11	2330	-17	0	61	032	16	2849	-19	2	70	038	15
12	1352	-16	5	78	017	05	1809	-16	5	70	020	06	2300	-18	0	70	031	07	2805	-21	4	67	042	11
13	1342	-11	3	87	056	04	1807	-12	8	29	072	06	2300	-14	4	A16	055	06	2818	-16	6	A16	070	10
14	1359	-08	3	32	013	07	1829	-09	7	30	029	08	2320	-12	5	31	032	08	2849	-13	7	26	034	10
15	1363	-15	2	55	056	12	1830	-11	3	78	354	16	2310	-13	1	70	358	14	2846	-15	5	55	002	10
16	1365	-13	0	80	004	12	1827	-15	1	75	356	15	2310	-17	4	69	356	14	2827	-20	7	49	353	11
17	1358	-15	2	80	106	06	1816	-17	0	76	040	05	2310	-18	8	68	010	09	2811	-20	7	36	353	10
18	1368	-18	8	70	000	00	1824	-17	5	64	061	03	2300	-18	9	52	036	04	2818	-20	9	43	036	04
19	1361	-20	3	80	035	03	1818	-16	0	62	358	03	2300	-18	3	52	343	06	2814	-20	8	41	337	08
20	1364	-15	7	79	269	03	1822	-16	0	67	281	02	2300	-17	4	53	305	04	2822	-19	4	43	315	06
21	1407	-12	3	73	310	03	1871	-12	4	63	325	05	2360	-14	5	46	329	08	2883	-15	6	38	333	09
22	1450	-06	2	33	203	03	1925	-06	4	30	237	03	2420	-09	0	34	238	04	2958	-13	0	41	280	05
23	1502	-09	2	65	328	08	1970	-11	6	67	320	08	2450	-14	8	60	315	06	2980	-18	2	52	317	04
24	1540	-05	8	76	327	12	2014	-09	0	75	337	11	2530	-12	6	75	343	14	3033	-16	7	33	337	18
25	1458	-06	0	43	161	04	1932	-08	1	33	163	03	2440	-09	9	58	161	02	2957	-13	7	74	198	02
26	1412	-07	4	A15	017	08	1884	-09	0	36	014	11	2380	-11	5	39	005	07	2909	-10	0	36	004	12
27	1414	-09	0	59	009	14	1882	-11	6	54	008	16	2380	-12	2	40	360	23	2992	-14	0	61	005	28
28	1390	-05	8	44	333	12																		

MAY 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

Altitude (Pres. on Sfc.)	600 MBS				500 MBS				400 MBS				300 MBS						
	Temp. °C	R.H. %	Wind deg. mps.	gpm.	Temp. °C	R.H. %	Wind deg. mps.	gpm.	Temp. °C	R.H. %	Wind deg. mps.	gpm.	Temp. °C	R.H. %	Wind deg. mps.	gpm.			
01	3942	-27.2	77	330	10	5234	-34.9	55	305	15	6756	-46.0	287	16	8675	-41.7	276	09	
02	3904	-31.9	68	310	06	5172	-39.5	47	299	09	6672	-48.4	276	06	8580	-42.4	319	07	
03	3936	-27.0	27	338	18	5227	-35.5	A21	337	17	6747	-45.4	341	24	8647	-47.8			
04	3912	-26.8	A19	335	14	5212	-32.2	A20	329	21	6756	-41.1	323	19	8677	-50.3	304	22	
05	3874	-27.3	26	318	05	5168	-34.6	52	320	07	6691	-45.2	305	10	8572	-50.8	296	15	
06	3901	-28.2	52	310	05	5188	-36.0	61	258	07	6707	-45.4	254	07	8597	-47.8	274	06	
07	3932	-29.1	31	033	05	5212	-37.8	A22	014	05	6720	-45.8	263	03	8626	-45.2	015	03	
08	3986	-24.8	81	360	10	5291	-33.1	68	013	17	6827	-43.4	011	17	8719	-52.3	016	16	
09	3980	-24.6	80	355	05	5284	-33.0	70	012	08	6821	-43.4	008	09	8718	-43.8	035	09	
10	3969	-25.9	36	053	11	5268	-33.9	A21	043	13	6798	-44.3	031	13	8690	-49.6	037	15	
11	3980	-26.3	70	040	17	5274	-35.3	65	047	22	6791	-46.4	049	24	8673	-49.8			
12	3926	-28.3	43	042	16	5212	-36.4	38	052	18	6727	-46.2	055	27	8656	-41.4			
13	3962	-23.5	A20	076	11	5271	-32.4	42	090	17	6804	-44.8	106	20	8715	-46.0	070	19	
14	4007	-20.0	A17	043	14	5335	-28.4	A19	044	19	6903	-38.8	A22	046	24	8830	-50.8		
15	3999	-21.4	55	352	16	5322	-30.0	30	352	12	6872	-42.0	344	10	8780	-48.6	344	12	
16	3952	-27.4	A19	349	21	5246	-34.0	A21	353	24	6786	-41.4	344	10	8712	-45.4			
17	3940	-26.5	32	326	16	5233	-35.3	31	345	27	6763	-42.5	334	18	8705	-41.8	334	18	
18	3941	-28.0	37	017	06	5228	-36.3	31	003	14	6743	-45.1	353	22	8681	-41.3	352	18	
19	3940	-27.0	A19	345	12	5236	-34.3	A21	350	21	6775	-40.4	344	30	8716	-43.1	341	21	
20	3955	-25.7	41	325	10	5245	-34.3	A21	320	14	6773	-43.7	325	18	8724	-36.8	320	17	
21	4033	-21.8	A18	335	15	5353	-30.0	A20	336	22	6911	-39.4	A22	330	26	8836	-48.2	319	26
22	4117	-19.6	69	311	05	5448	-28.8	48	302	09	7013	-39.5	35	289	11	8928	-51.8	291	14
23	4117	-25.2	A18	328	10	5416	-34.3	A21	005	11	6943	-41.4	006	18	8947	-46.4	337	13	
24	4176	-22.4	40	333	16	5497	-30.1	65	334	20	7050	-41.0	336	23	8955	-52.6			
25	4119	-18.8	A17	358	02	5456	-26.7	40	282	05	7036	-37.8	62	295	10	8957	-52.6	309	18
26	4059	-21.0	28	345	12	5380	-30.4	53	330	13	6928	-42.0	314	12	8846	-45.0	355	15	
27	4060	-20.1	47			5388	-28.6	35			6952	-39.0	45		8870	-52.6			
28	4054	-18.6	59	338	18	5397	-24.6	57			6988	-34.7	55		8952	-45.0			
29	4095	-12.3	56	330	16	5465	-20.7	A18	330	19	7082	-30.8	A20	323	30	9067	-44.1	327	39
30	3988	-16.2	70	265	13	5336	-25.2	48	272	16	6919	-35.2	A21	270	21	8893	-43.1		
31	3974	-20.1	84	000	00	5311	-26.8	63	300	03	6886	-37.3	33	335	03	8866	-43.0	069	14
MN	3991	-24.0	44	*		5300	-32.1	40	347	11	6843	-42.0	35	342	12	8768	-46.6	338	13

Altitude (Pres. on Sfc.)	200 MBS				150 MBS				100 MBS				70 MBS			
	Temp. °C	R.H. %	Wind deg. mps.	gpm.	Temp. °C	R.H. %	Wind deg. mps.	gpm.	Temp. °C	R.H. %	Wind deg. mps.	gpm.	Temp. °C	R.H. %	Wind deg. mps.	gpm.
01	11444	-40.1	263	08	13393	-42.9	274	08	16102	-46.1	010	01	18470	-47.3	050	03
02	11335	-41.0	316	06	13284	-43.2	321	05	16000	-45.7	334	05	18373	-46.2	032	07
03	11368	-42.7							16039	-44.4			18421	-46.1		
04	11366	-44.0	309	10	13274	-44.2	321	07	15989	-44.6	002	07	18371	-45.7	354	07
05	11427	-42.8	315	06	13207	-44.0	302	05	15919	-45.6	358	05	18294	-46.1	000	00
06	11329	-41.8	310	03	13277	-42.1	320	03	16011	-44.2	325	04	18409	-43.2	004	04
07	11358	-42.3	019	07	13303	-42.4	015	05	16035	-43.9	010	04	18424	-45.1	037	03
08	11407	-43.7	003	08	13343	-44.4	023	06	16053	-44.9	006	05	18440	-44.9	008	04
09	11423	-43.6	027	07	13362	-43.9	017	07	16090	-44.1	053	05	18478	-45.1	038	05
10	11400	-43.5	046	09	13332	-42.9	038	09	16052	-44.4	059	04	18440	-44.9	062	03
11	11401	-40.6			13348	-43.0			16078	-43.7			18470	-44.4		
12	11403	-41.6			13352	-41.8			16090	-44.0			18477	-44.7		
13	11441	-42.2	077	20	13382	-43.7	076	08	16100	-44.4	076	06	18490	-44.5	076	08
14	11491	-44.6			13421	-43.9			16143	-43.2			18539	-45.0		
15	11508	-42.4	346	08	13460	-41.8	012	08	16203	-42.8	059	10	18606	-43.6	066	06
16	11459	-40.9			13418	-40.3			16167	-43.8			18553	-45.5		
17	11471	-39.4	336	12	13437	-40.4	006	08	16191	-42.1	009	06	18599	-42.8	052	03
18	11453	-39.0	350	10	13425	-39.9	337	08	16177	-42.8	360	02	18577	-43.6	350	03
19	11501	-37.9	345	15	13477	-39.5	345	12	16232	-42.5	350	00	18640	-42.2	310	06
20	11532	-37.3	346	22	13506	-40.5	328	12	16241	-45.5	006	09	18623	-45.0	000	00
21	11600	-38.5														
22	11641	-40.7	270	14	13593	-42.9	269	11	16323	-43.6	266	07	18721	-43.9	254	03
23	11574	-42.6	307	08	13515	-43.1	296	12	16255							
24	11632	-43.8			13560	-44.1			16272	-46.6			18654	-43.8		
25	11642	-43.9	342	16	13577	-44.0	322	10	16302	-45.0	322	04	18670	-45.4	017	05
26	11593	-40.9	331	13	13544	-42.2	345	08	16276	-44.0	347	09	18671	-43.9	030	03
27	11569	-43.0			13515	-42.0			16238	-43.6			18636	-43.9		
28	11609	-46.3			13520	-46.4			16210	-47.2			18572	-46.0		
29	11729	-46.8			13656	-43.2			16369	-43.5	307	08	18769	-43.2	000	00
30	11630	-41.4			13575	-43.2			16294	-45.0			18680	-44.5		
31	11593	-41.3	325	07	13537	-43.8	325	05	16262	-43.3	314	05	18667	-42.6	335	03
MN	11489	-42.0	342	07	13430	-42.8	336	06	16157	-44.3	358	04	18543	-44.6		

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Altitude (Pres. on Sfc.)	600 MBS				500 MBS				400 MBS				300 MBS					
	Temp. °C	R.H. %	Wind deg. mps.	gpm.	Temp. °C	R.H. %	Wind deg. mps.	gpm.	Temp. °C	R.H. %	Wind deg. mps.	gpm.	Temp. °C	R.H. %	Wind deg. mps.	gpm.		
01	3945	-29.4	66	305	10	5226	-37.2	38	288	11	6732	-47.6	293	10	8644	-41.4	283	14
02	3922	-29.6	62	349	09	5201	-37.4	43	360	11	6706	-46.8	001	12	8611	-43.9	008	12
03	3909	-28.0	31	326	16	5198	-35.4	A21	330	21	6725	-43.6	326	34	8631	-46.3		
04	3913	-24.8	A18	326	07	5219	-32.1	57	318	11	6756	-46.3	299	08	8646	-50.1	302	14
05	3886	-27.5	32	308	05	5175	-35.8	61	309	05	6696	-44.9	289	06	8581	-49.4	292	07
06	3902	-30.2	43	001	04	5178	-37.9	31	358	04	6688	-44.0	256	03	8593	-45.4	234	10
07	3939	-29.3	A19	018	11	5219	-37.3	A22	031	15	6731	-45.5	021	24	8629	-48.2	027	11
08	3953	-26.1	78	348	07	5248	-34.7	76	356	09	6771	-45.9	001	13	8652	-53.2	013	15
09	3954	-25.7	51	069	04	5253	-33.8	33	071	07	6783	-43.9	051	09	8676	-51.5	036	14
10	3975	-28.3	44	079	17	5263	-36.0											

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

SPECIAL AEROLOGICAL DATA

Table with columns for Day, 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 Day, 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

RESOLUTE, N.W.T.

JUNE 1961

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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

Alt.	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	-02.8	79.340	02	0108	-03.2	79.344	02	0500	-06.2	83.010	03	0932	-09.5	86.030	04		
02	1009	-04.4	79.340	03	0132	-05.0	79.336	03	0530	-08.0	83.319	03	0954	-07.9	79.310	05		
03	1006	-02.6	84.240	05	0111	-02.5	83.244	05	0510	-00.7	75.276	08	0952	-00.4	70.284	12		
04	1006	-04.6	82.340	01	0111	-04.8	80.329	01	0510	-03.6	65.254	05	0944	-01.7	45.247	08		
05	1008	-03.4	84.040	10	0124	-03.6	82.030	08	0520	-05.1	66.061	02	0953	-04.0	62.114	01		
06	1009	-03.9	82.020	13	0136	-05.0	71.013	12	0540	-03.1	33.003	07	0968	-05.2	32.007	05		
07	1009	-04.4	89.320	07	0133	-04.9	87.324	09	0530	-07.6	83.228	13	0953	-10.2	86.309	12		
08	1009	-06.2	83.340	08	0127	-04.8	80.350	08	0530	-09.7	79.360	09	0957	-07.9	39.005	10		
09	1007	-04.2	83.360	08	0122	-04.3	70.004	08	0520	-05.6	46.014	10	0950	-04.8	28.360	15		
10	1004	-04.1	86.030	13	0093	-04.1	83.034	13	0500	-03.7	63.054	10	0924	-06.6	67.059	08		
11	1010	00.2	87.090	01	0143	00.2	80.087	01	0560	00.3	52.102	02	0995	00.1	56.085	03		
12	1017	-01.9	93.320	02	0200	-02.5	78.341	03	0610	00.0	69.330	04	1045	00.0	66.301	04		
13	1017	-00.9	95.300	04	0197	-01.9	74.309	04	0600	00.1	41.310	04	1039	-00.1	27.331	03		
14	1012	-01.5	94.000	00	0156	-01.9	94.000	00	0580	00.2	6.78	286	03	1007	00.4	54.300	04	
15	1003	00.2	92.120	02	0084	00.1	90.135	03	0500	00.3	69.200	05	0940	00.3	40.205	05		
16	0996	-00.8	91.350	12	0033				0430	-04.0	87.345	14	0864	-05.4	73.346	16		
17	0993	-00.5	88.360	06	0010				0410	-03.9	87.015	08	0835	-04.6	81.025	05		
18	1002	00.0	89.350	07	0076	00.0	87.350	07	0490	00.2	64.926	05	0924	00.0	49.002	10		
19	1005	00.2	86.290	04	0106	00.2	84.300	06	0520	00.6	23.299	08	0967	00.7	19.343	12		
20	0999	00.2	84.210	03	0053				0460	00.2	4.82	345	07	0903	00.3	85.254	10	
21	0998	00.1	89.140	05	0046				0460	00.6	0.80	183	08	0903	00.8	2.55	209	08
22	1001	00.0	94.290	07	0072	00.0	94.303	09	0490	-01.5	92.326	10	0912	-00.3	88.323	10		
23	1006	00.0	97.310	09	0112	00.0	97.314	09	0510	-02.6	96.333	11	0948	-05.0	95.340	13		
24	1009	00.1	94.300	05	0137	00.0	94.333	06	0545	-01.3	94.332	07	0979	-01.2	91.336	08		
25	1008	00.3	92.270	05	0124	00.0	91.286	06	0520	-01.7	89.314	07	0963	-04.3	87.322	06		
26	1004	00.6	84.330	05	0093	00.3	85.330	05	0495	-00.3	87.335	09	0926	-02.9	76.336	07		
27	1003	00.3	77.030	06	0090	00.3	77.032	06	0490	00.0	1.78	033	07	0933	-03.5	81.025	04	
28	1000	00.1	81.360	05	0067	00.1	81.001	05	0470	-02.4	78.009	05	0906	-03.8	66.026	03		
29	1000	00.1	87.280	05	0064	00.1	87.280	05	0470	-01.4	80.326	07	0905	-02.6	63.329	06		
30	0996	-00.2	98.250	05	0034				0440	-01.7	96.290	09	0870	-04.1	93.293	07		
MN	1005	-01.0	88*		103	-01.5	83*		508	-01.7	73*		942	-02.2	65*			

Alt.	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	1379	-04.8	39.046	02	1858	-04.5	A15.256	02	2340	-07.4	A15.300	04	2897	-10.4	A15.318	04		
02	1399	-07.2	52.321	06	1872	-09.1	61.324	07	2360	-11.5	64.318	07	2897	-14.0	54.296	06		
03	1408	-01.9	65.289	13	1889	-03.8	50.291	09	2400	-05.9	70.289	11	2934	-09.3	71.289	12		
04	1398	-02.9	26.251	11	1877	-05.2	37.262	12	2390	-07.9	39.262	12	2914	-11.0	53.259	14		
05	1402	-06.0	56.108	02	1876	-08.0	57.124	01	2390	-10.2	65.135	02	2905	-12.6	74.149	01		
06	1416	-06.7	33.007	05	1890	-07.8	26.009	07	2390	-10.1	30.005	10	2918	-13.2	32.017	06		
07	1392	-10.8	86.321	17	1859	-11.2	56.325	20	2360	-12.7	88.326	19	2875	-15.6	75.323	21		
08	1400	-09.2	35.007	13	1868	-10.7	31.360	15	2390	-12.2	27.001	16	2888	-13.8	A16.357	19		
09	1402	-03.8	A14.010	11	1879	-06.8	A15.035	04	2370	-10.1	A15.026	12	2909	-12.8	49.015	22		
10	1371	-08.9	70.056	09	1843	-09.1	70.050	10	2330	-10.1	66.043	19	2871	-12.1	64.043	18		
11	1453	-01.2	69.075	06	1936	-03.5	67.075	06	2440	-07.2	70.051	05	2978	-08.8	58.075	08		
12	1503	-00.4	64.307	04	1987	-03.0	59.332	04	2500	-04.3	37.345	03	3039	-05.2	23.335	03		
13	1497	00.0	54.337	02	1984	-00.4	22.345	02	2500	-03.8	34.340	06	3038	-07.2	46.329	08		
14	1471	00.2	41.306	05	1961	00.0	29.323	06	2480	-01.4	26.320	07	3025	-03.2	45.323	09		
15	1403	00.2	43.245	05	1892	00.0	2.80	261	09	2400	-02.0	1.26	320	10	2954	-04.4	90.264	12
16	1316	-03.3	49.336	10	1795	-05.8	54.324	06	2300	-08.0	85.323	10	2833	-10.0	26.333	12		
17	1286	-07.2	30.025	05	1757	-10.2	80.045	05	2260	-12.2	78.041	07	2781	-12.4	73.037	05		
18	1381	-01.1	33.014	10	1864	-03.3	28.027	13	2380	-05.8	26.017	10	2911	-08.2	39.011	12		
19	1436	00.5	35.345	15	1931	00.3	37.341	16	2450	-00.1	38.344	17	3000	-04.4	54.345	14		
20	1368	00.3	42.266	11	1862	00.2	6.74	279	09	2380	00.0	65.280	08	2930	-02.7	56.311	08	
21	1375	05.2	76.323	08	1869	00.2	7.76	230	08	2390	-02.9	78.330	09	2937	-02.4	47.333	09	
22	1367	-00.7	76.317	12	1848	-00.1	48.308	12	2360	-03.1	56.305	17	2903	-06.1	42.304	14		
23	1398	-03.3	99.333	15	1878	-05.7	97.336	13	2390	-08.7	94.337	13	2915	-11.9	90.342	15		
24	1440	00.1	56.327	07	1929	00.4	4.48	322	08	2445	-02.7	42.321	08	2988	-06.0	66.320	08	
25	1419	-01.3	87.319	05	1904	-00.4	33.332	04	2415	-01.9	33.360	04	2966	-03.3	A14.338	02		
26	1383	-00.7	38.334	07	1866	-03.3	33.333	08	2380	-05.2	27.335	09	2915	-07.3	23.331	08		
27	1382	-07.2	83.012	04	1859	-04.1	40.336	03	2360	-06.6	38.287	04	2900	-10.3	39.277	06		
28	1354	-07.7	75.026	03	1822	-11.9	9.85	020	02	2320	-12.9	76.046	02	2839	-15.3	60.148	03	
29	1356	-05.8	76.272	03	1829	-09.3	82.204	02	2320	-10.9	79.152	04	2854	-13.4	63.090	02		
30	1319	-06.2	91.286	06	1792	-08.4	93.281	07	2300	-08.1	89.284	09	2828	-10.6	86.291	10		
MN	1396	-02.9	59.329	06	1876	-04.5	53*		2382	-06.8	52*		2918	-09.3	51.330	07		

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Alt.	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	-06.7	92.360	03	0123	-05.7	71.360	03	0510	-06.9	56.014	03	0946	-08.2	63.346	03
02	1008	-05.8	84.240	05	0125	-06.2	87.244	06	0530	-08.5	99.272	07	0949	-03.3	98.320	10
03	1006	-06.8	85.176	05	0109	-04.0	61.1		0530	-02.0	41.1		0947	-00.7	35.1	
04	1007	-07.6	90.090	04	0121	-08.0	91.092	04	0510	-06.5	85.192	02	0948	-03.3	63.260	05
05	1008	-06.7	91.040	14	0123	-05.0	89.045	12	0510	-04.5	88.085	04	0953	-05.8	89.064	04
06	1011	-10.1	88.330	03	0146	-09.0	79.329	07	0540	-05.1	47.318	13	0973	-04.1	53.314	12
07	1010	-07.6	83.1		0138	-07.7	84.1		0520	-08.2	89.1		0957	-10.4	91.1	
08	1008	-06.9	74.320	07	0125	-07.4	70.332	07	0530	-08.3	68.019	09	0947	-06.3	37.014	09
09	1006	-04.3	89.320	09	01											

JUNE 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	4067	-17.6	A17	327 04	5409	-25.5	A19	354 04	7002	-34.6	A21	260 02	8965	-45.8	
02	4054	-20.1	A17	308 09	5380	-29.5	A20	312 09	6993	-41.3		306 11	8861	-42.4		312 09
03	4107	-18.1	A17	288 11	5447	-26.4	A17	309 17	7028	-36.8	A48	312 17	8958	-52.0		329 19
04	4082	-18.6	A5	259 13	5422	-25.8	A3	266 17	7007	-35.9	A21		8947	-50.1		
05	4063	-20.4	A7	185 03	5396	-27.2	A3	236 12	6967	-38.3	A62	245 15	8888	-50.2		253 13
06	4077	-19.4	A17	344 05	5408	-28.6	A19	348 05	6967	-40.4	A31	317 05	8883	-47.6		313 06
07	4030	-18.3	A7		5375	-25.7	A2		6953	-37.7	A7		8895	-45.0		
08	4048	-18.6	A17		5391	-24.3	A6		6979	-36.7	A55		8918	-42.7		
09	4074	-18.4	A27	016 23	5415	-25.3	A2		7005	-39.7	A21		8969	-42.9		
10	4029	-21.2	A3		5357	-26.6	A6		6994	-30.3	A20		8967	-37.0	A22	
11	4161	-14.5	A1	053 09	5519	-23.2	A38	051 16	7115	-35.1	A30	040 22	9066	-47.6		
12	4231	-13.5	A16	344 03	5593	-22.9	A16	004 03	7191	-34.3	A21	019 18	9136	-49.7		002 21
13	4231	-15.5	A5	334 10	5575	-23.9	A9	329 11	7175	-33.7	A28	28	9139	-47.3		331 29
14	4231	-09.3	A15	322 13	5613	-20.0	A0	342 15	7231	-32.2	A20	325 24	9204	-46.1		321 28
15	4152	-12.7	A7	278 14	5523	-21.8	A7	283 15	7136	-32.5	A51	275 17	9095	-47.7		295 38
16	4009	-17.3	A3	327 10	5351	-26.2	A6	324 14	6925	-39.5	A44	348 10	8883	-39.2		292 05
17	3941	-18.3	A5	097 04	5277	-28.6	A1	064 04	6834	-40.5	A135	04	8781	-39.3		068 05
18	4094	-14.3	A5	025 23	5454	-22.4	A6	036 07	7058	-34.0	A58		9013	-48.3		
19	4193	-13.5	A5	343 17	5556	-22.7	A5	345 18	7167	-31.5	A52	347 16	9136	-47.1		354 21
20	4139	-10.0	A1	321 12	5522	-18.2	A17	327 17	7158	-27.6	A19	340 30	9182	-39.1	A22	348 30
21	4150	-07.3	A15	227 09	5548	-15.6	A16	238 13	7198	-25.8	A19	260 17	9226	-39.3	A22	261 26
22	4096	-12.4	A4	281 13	5466	-21.3	A3	28	7072	-33.8	A21		9033	-45.6		
23	4084	-17.5	A1	339 14	5424	-26.7	A6	340 21	7004	-36.5	A50		8967	-41.7		
24	4193	-09.2	A15	028 05	5583	-16.6	A17	009 08	7222	-28.4	A29	354 10	9218	-45.0		338 13
25	4170	-10.4	A15	303 04	5550	-19.6	A6	284 08	7171	-30.5	A20	293 12	9149	-46.3		281 13
26	4098	-15.4	A5	320 10	5452	-23.8	A9	323 16	7045	-34.1	A30	317 19	8998	-48.7		310 25
27	4073	-17.8	A6	286 11	5413	-26.6	A6	282 13	6989	-36.9	A35	277 22	8921	-49.3		291 29
28	3991	-20.9	A6	189 03	5313	-30.1	A2	151 04	6861	-41.7	A186	05	8795	-41.3		294 05
29	4016	-18.8	A4	357 09	5352	-27.3	A7	201 13	6927	-37.7	A48	005 23	8852	-51.3		360 17
30	4001	-17.1	A7	295 11	5343	-26.5	A6	296 14	6915	-38.3	A66	295 14	8848	-46.9		294 18
MN	4096	-15.9	A1	*	5448	-24.3	A38	317 08	7040	-35.0	A37	323 11	8996	-45.4	A22	317 15

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	11651	-41.7		289 07	13602	-42.3		312 05	16331	-43.2		325 04	18737	-42.8	
02	11625	-40.3		307 09	13578	-41.9		291 09	16320	-42.3		327 05	18729	-42.5		335 03
03	11646	-42.0		299 12	13594	-42.4		310 12	16330	-43.2		313 05	18733	-43.0		317 04
04	11670	-40.2			13633	-40.0			16392	-42.5			18808	-41.7		
05	11611	-41.1		286 10	13566	-42.3		274 08	16303	-42.8		296 05	18703	-42.9		255 02
06	11624	-40.4		291 12	13582	-41.9			16319	-43.4			18719	-42.6		301 04
07	11640	-40.6			13596	-41.5			16339	-42.8			18740	-43.4		
08	11676	-40.8			13630	-41.7			16358	-42.1			18768	-42.6		
09	11716	-41.9			13667	-44.0			16396	-42.7			18796	-43.6		
10	11744	-40.4			13689	-44.0			16402	-44.4			18823	-43.1		
11	11767	-43.1			13705	-43.4			16422	-43.9			18840	-43.8		
12	11795	-45.0		010 12	13720	-44.3		020 04	16435	-44.0		025 06	18827	-44.6		038 05
13	11809	-43.3		334 16	13745	-43.7		338 08	16468	-44.2		351 02	18863	-43.3		000 00
14	11877	-43.1			13816	-44.0			16540	-43.8			18939	-43.1		
15	11754	-43.6		295 25	13687	-44.2		295 09	16399	-45.2		311 11	18789	-44.1		343 03
16	11676	-38.0		283 12	13649	-40.0		314 08	16404	-42.5		325 04	18817	-42.1		332 04
17	11579	-37.9		358 04	13558	-38.8		353 06	16333	-40.3		358 04	18762	-40.9		018 05
18	11676	-44.0			13611	-43.2			16349							
19	11817	-43.4		011 19	13746	-43.7		004 15	16469	-44.1		020 07	18872	-42.2		019 07
20	11889	-46.2			13794	-48.5			16462	-47.0			18843	-43.6		
21	11912	-52.4		271 19	13804	-46.3			16497	-45.9			18889	-42.5		
22	11774	-40.1			13724	-41.0			16460	-44.3			18858	-42.9		
23	11725	-41.7			13668	-43.9			16370	-46.7			18744	-45.1		
24	11850	-47.2		345 13	13771	-45.3		355 05	16479	-44.6		015 04	18877	-42.9		344 04
25	11798	-45.2		290 15	13722	-44.6		351 06	16442	-43.6		360 06	18846	-42.6		330 07
26	11693	-42.1		318 08	13644	-41.8		321 07	16389	-42.1		309 07	18806	-41.6		337 05
27	11645	-39.2			13633	-39.9			16398	-40.8			18828	-40.8		
28	11587	-38.0		312 04	13561	-39.6		294 05	16329	-40.3		013 05	18762	-40.4		024 05
29	11590	-39.1		354 11	13566	-38.8		342 08	16344	-39.9		334 03	18777	-40.4		356 04
30	11593	-39.8		307 08	13559	-39.8		040 06	16332	-39.8		352 04	18771	-39.8		062 08
MN	11714	-42.0	*		13661	-42.6	*		16394	-43.2	*		18801	-42.6	*	

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	4049	-20.3	A17	281 06	5377	-29.1	A3	260 09	6937	-40.0	A22	229 12	8873	-47.2	
02	4070	-18.8	A1	330 17	5406	-27.2	A5	340 14	6975	-39.4	A50	342 14	8892	-51.8		330 24
03	4109	-15.4	A16		5465	-23.5	A18		7059	-35.4	A21		9004	-49.4		
04	4068	-19.3	A5	264 07	5398	-27.9	A0	264 12	6973	-37.5	A22	262 21	8902	-50.0		269 27
05	4058	-19.3	A2	166 01	5390	-28.4	A4	177 21	6957	-39.6	A73	238 03	8876	-48.3		249 04
06	4075	-21.8	A2	308 16	5401	-29.1	A6	306 20	6959	-40.0	A49	306 24	8876	-47.2		
07	4009	-22.1	A25		5352	-23.9	A9		6953	-32.3	A20		8922	-46.1		
08	4042															

JANUARY 1961

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

CONSTANT PRESSURE DATA

00 GMT.

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

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	1015	-28.5	76	340 05	0189	-27.8	78	340 07	0570	-28.1	77	349 07	0966	-21.7	78	358 07
02	1009	-30.0	75	000 00	0149	-29.7	74	000 00	0510	-28.0	72	032 07	0905	-26.6	71	032 03
03	1002	-30.3	74	135 05	0098	-30.1	73	133 05	0465	-27.2	68	120 02	0857	-28.7	70	113 02
04	1003	-34.2	72	110 05	0105	-33.2	71	102 05	0480	-27.6	65	077 05	0862	-27.1	62	072 06
05	1009	-38.8	045	06	0146	-34.9	04	040 06	0500	-31.7	65	022 05	0890	-32.0	63	009 06
06	1017	-36.1	020	03	0204	-32.4	63	349 04	0570	-33.0	65	313 04	0947	-31.7	67	317 05
08	1021	-34.5	61	000 00	0227	-34.1	61	000 00	0590	-31.9	65	320 05	0970	-30.6	69	336 04
09	1021	-39.0	020	06	0230	-33.0	60	347 06	0595	-30.8	63	346 05	0978	-28.4	67	350 08
10	1023	-40.1	360	07	0241	-33.2	011	07	0600	-29.2	67	029 07	0992	-29.4	70	034 07
11	1021	-38.8	020	07	0229	-30.7	61	027 07	0600	-27.0	68	040 06	0986	-26.7	3	70 038 06
12	1016	-38.6	360	05	0192	-31.5	354	06	0560	-27.0	68	347 07	0952	-26.2	63	350 08
13	1008	-33.7	72	000 00	0141	-32.2	72	000 00	0500	-24.7	71	312 11	0904	-24.9	64	318 13
14	0999	-32.6	73	000 00	0079				0450	-25.6	67	327 07	0839	-25.4	71	337 07
15	1004	-34.1	72	000 00	0113	-33.9	71	000 00	0480	-29.9	62	000 00	0864	-26.4	42	000 00
16	1001	-33.4	72	000 00	0094	-33.3	71	000 00	0450	-26.9	39	000 00	0852	-25.6	30	000 00
17	1003	-32.6	73	045 04	0105	-32.0	71	042 04	0470	-28.7	68	346 03	0862	-25.3	64	297 05
18	1011	-29.8	68	000 00	0163	-29.1	63	000 00	0530	-26.1	44	000 00	0925	-22.9	30	312 04
19	1021	-31.5	73	000 00	0233	-28.5	72	000 00	0595	-24.9	76	313 06	0996	-21.1	67	305 07
20	1027	-30.4	74	080 05	0274	-24.3	61	106 06	0635	-19.2	43	119 05	1057	-16.1	26	078 01
21	1019	-20.2	76	110 03	0227	-17.3	60	115 03	0610	-11.6	25	077 02	1033	-09.6	15	000 00
22	1016	-21.0	68	110 08	0201	-18.3	51	122 08	0590	-09.9	15	335 06	1011	-09.9	15	127 06
23	1008	-15.8	88	140 13	0144	-15.5	79	147 14	0540	-09.7	15	170 19	0956	-03.9	15	178 15
24	1021	-20.8	88	065 02	0235	-17.8	82	000 00	0610	-15.9	84	000 00	1036	-04.2	8	010 13
25	1015	-17.2	80	135 12	0198	-16.8	87	154 15	0600	-00.2	67		1040	00.1	8	231 15
26	1020	-17.2	80	06	0232	-17.8	86	360 07	0640	-07.0	88	348 09	1049	-05.3	56	344 08
27	1022	-27.0	77	335 09	0242	-23.0	75	350 13	0610	-22.8	77	351 13	1018	-18.7	77	343 15
28	1024	-20.6	79	315 12	0259	-20.4	74	328 16	0630	-18.7	75	339 18	1043	-20.3	74	342 17
29	1018	-25.9	77		0214	-24.4	79		0605	-13.8	76		1013	-13.7	78	
30	1018	-23.0	80	335 04	0213	-19.8	66	341 07	0600	-15.5	42	346 09	1007	-15.3	65	343 08
31	1014	-22.6	76	135 07	0186	-20.6	72	147 07	0570	-17.0	67	252 03	0974	-20.5	78	178 01
MN	1014	-29.3	75		185	-26.7	71		559	-22.1	61		959	-20.6	57	

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	1012	-28.6	76	360 04	0166	-28.7	76	356 04	0530	-27.1	75	347 05	0926	-24.8	76	352 05
02	1005	-32.9	73	090 00	0120	-31.2	69	089 09	0490	-29.2	67	072 06	0874	-25.8	66	066 04
03	1002	-31.1	74	090 03	0101	-30.8	73	000 00	0460	-28.1	64	000 00	0856	-28.7	68	000 00
04	1002	-31.7	73	000 00	0100	-31.3	72		0470				0857		60	060 06
05	1005	-36.5	090	07	0120	-33.1	088	07	0490	-29.6	61	068 06	0872	-28.6	60	040 07
06	1013	-40.7	045	06	0173	-35.6	042	06	0530	-31.8	58	035 06	0916	-31.9	63	021 06
07	1019	-34.9	71	000 00	0217	-34.4	71	000 00	0585	-33.1	72	307 05	0938	-31.9	73	307 04
08	1021	-35.9	060	00	0228	-35.3	53	000 00	0590	-31.9	61	336 07	0972	-30.6	67	348 07
09	1022	-40.0	360	06	0235	-34.8	61	010 08	0600	-31.3	63	019 09	0982	-28.3	66	022 10
10	1023	-39.1	360	05	0211	-32.3	59	015 08	0600	-27.6	64	037 07	0996	-28.2	67	036 07
11	1018	-37.1	000	00	0181	-32.3	65	000 00	0580	-27.1	70	340 06	0970	-27.0	67	340 07
12	1014	-36.1	000	00	0181	-32.7	000	00	0550	-25.3	61	329 08	0944	-23.7	58	335 10
13	1001	-32.6	73	270 05	0094	-32.5	72	276 05	0470	-26.7	60	314 12	0854	-25.4	58	313 13
14	1002	-31.5	73	110 05	0097	-31.4	73	114 05	0465	-26.8	69	081 04	0856	-25.6	61	003 03
15	1003	-37.3			0105	-36.0			0470	-30.3	51		0856	-26.9	38	
16	1001	-34.3	72	000 00	0092	-33.9	71	000 00	0465	-27.6	47	000 00	0850	-25.4	35	000 00
17	1007	-32.9	64	110 05	0135	-31.8	63	114 05	0500	-26.0	61	000 00	0897	-22.9	67	000 00
18	1017	-31.9	65	000 00	0203	-30.0	65	000 00	0575	-24.4	65	271 03	0972	-19.2	70	273 03
19	1027	-32.5	73	020 03	0270	-28.6	74	342 05	0645	-22.8	70	317 07	1041	-20.2	56	312 08
20	1021	-21.0	72	090 08	0237	-18.6	59	124 09	0630	-13.5	32	154 08	1036	-13.6	25	152 05
21	1019	-22.9	84	090 06	0225	-16.7	49	096 04	0610	-12.4	30	095 04	1030	-09.6	15	038 04
22	1009	-14.8	78	110 11	0155	-12.9	58	120 11	0540	-07.0	15	144 12	0974	-06.6	15	153 10
23	1011	-19.6	74	135 05	0164	-19.5	79	147 05	0540	-15.5	82	211 05	0997	-09.0	83	268 05
24	1022	-22.8	87	155 13	0244	-21.5	80	162 11	0650	-02.0	76	139 03	1068	-02.1	41	168 04
25	1011	-17.7	84	110 06	0167	-17.4	84	087 05	0570	-14.3	86	029 05	1092	-07.2	45	018 10
26	1022	-24.4	87	360 06	0242	-20.1	84	004 10	0625	-19.1	76	002 10	1040	-14.0	16	350 10
27	1025	-26.4	77	315 13	0268	-17.4	78	340 17	0660	-16.3	81	356 21	1059	-18.3	80	357 20
28	1020	-26.2	77		0230	-22.1	72		0605	-16.6	75		1021	-17.8	78	
29	1020	-25.6	78	360 07	0229	-24.9	74	009 13	0610	-15.0	58	019 17	1022	-16.6	49	020 16
30	1014	-20.0	85	000 00	0190	-19.0	82	000 00	0580	-16.2	70	000 00	0978	-17.3	77	000 00
31	1012	-21.2	78	135 07	0169	-21.6	78	130 08	0560	-17.3	80	190 07	0954	-19.5	80	259 03
MN	1014	-29.7	76		181	-27.3	70		556	-22.3	63		954	-20.7	58	

A Statistical Value for Relative Humidity
 V Vector Mean Wind
 - Entered under Wind Direction indicates a Stratum of Missing Wind 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	1386	-23.1	73	335 06	1830	-24.0	66	327 07	2300	-25.4	67	352 07	2799	-26.7	54	336 07
02	1317	-27.9	73	003 01	1751	-30.3	74	323 02	2210	-29.7	75	282 02	2702	-26.1	72	300 03
03	1264	-30.1	75	082 04	1700	-28.7	78	056 05	2170	-30.0	80	037 05	2650	-31.4	65	032 07
04	1272	-29.0	59	070 05	1704	-31.1	54	056 05	2175	-33.2	52	037 06	2643	-34.5	49	011 06
05	1294	-31.0	59	002 09	1724	-31.6	54	059 09	2175	-32.9	49	347 12	2663	-34.9	43	346 13
06	1351	-32.0	69	320 06	1780	-32.2	71	321 07	2230	-33.4	70	326 08	2718	-35.7	62	332 09
07	1377	-30.5	67	337 05	1808	-31.3	62	328 06	2275	-32.8	62	225 07	2747	-35.0	66	323 08
08	1388	-28.0	70	353 09	1822	-29.7	72	004 09	2295	-29.9	67	354 08	2773	-31.4	62	349 07
09	1400	-29.6	73	034 09	1833	-30.1	74	029 09	2280	-31.9	67	029 08	2776	-34.2	71	042 05
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JANUARY 1961

STATION INSTRUMENTATION
USWB type radiosonde, Metox RDF tracking equipment

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Zr	600 MBS				500 MBS				400 MBS				300 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	3898	-34.4	60	327 10	5147	-43.6		342 11	6617	-53.1		324 09	8439	-58.6		354 12
02	3779	-37.3	66	294 07	5025	-42.7		288 10	6503	-51.3		298 12	8355	-54.1		328 10
03																
04	3728	-38.6	50	027 07	4961	-45.4		005 09	6426	-51.5		337 09	8293	-50.8		314 12
05	3708	-39.8	6	342 10	4941	-44.6		325 16	6414	-50.9		315 14	8283	-50.0		307 14
06	3728	-39.4	35	339 19	4958	-46.2		318 16	6419	-52.3		319 19	8282	-50.0		311 15
07	3778	-40.9	9	325 10	5000	-47.4		315 13	6457	-52.1		310 18	8321	-50.1		307 16
08	3809	-40.6	6	326 10	5032	-47.4		337 11	6483	-54.1		330 10	8331	-51.7		317 09
09	3854	-36.8	54	320 08	5095	-44.3		299 10	6561	-53.2		290 12	8410	-51.9		300 12
10	3842	-39.7	66	045 07	5071	-46.7		050 07	6532	-51.7		038 06	8405	-49.1		335 07
11	3854	-38.3	58	032 08	5096	-43.0		037 13	6573	-51.5		041 12	8418	-53.0		017 09
12	3841	-36.2	421	342 10	5088	-43.0		335 11	6568	-50.5		336 16	8422	-53.5		320 17
13	3810	-35.3	58	303 10	5065	-41.9		310 13	6545	-51.3		302 15	8394	-53.3		304 16
14	3785	-29.6	59	337 11	5067	-37.6	31	500 09	6568	-49.6		354 11	8449	-53.0		332 12
15	3814	-27.6	31	012 08	5097	-38.0	A22	004 10	6598	-48.6		012 11	8449	-37.7		004 08
16	3815	-30.0	A20	070 03	5092	-38.1	A22	018 04	6599	-47.4		325 07	8444	-59.7		309 08
17	3822	-31.0	A20	330 05	5092	-39.4	A22	321 08	6590	-48.4		308 16	8434	-58.7		287 16
18	3882	-32.0	A20	336 04	5144	-40.9		311 07	6626	-51.5		300 13	8463	-54.8		290 17
19	3957	-31.6	A20	310 15	5228	-37.4	A22	320 17	6748	-45.1		315 20	8621	-55.1		307 21
20	4078	-22.9	A18	308 22	5392	-31.0	A2	309 27	6992	-35.9	A21	308 56	8897	-50.0		
21	4101	-20.7	78	320 10	5438	-25.6	61	305 28	7028	-36.3	A21	303 31	8963	-50.8		
22	4128	-14.7	A16	323 12	5488	-20.9	94	325 30	7104	-31.4	50	313 28	9076	-46.6		316 43
23	4104	-14.0	82	287 17	5468	-21.8	77	278 20	7078	-32.0	70	284 15	9041	-48.0		280 32
24	4154	-20.9	A18	354 19	5474	-31.2	A20	348 23	7034	-43.7	34	343 30	9051	-49.6		
25	4205	-16.0	41	282 17	5551	-26.1	54	295 16	7133	-37.6	35	301 23	9051	-53.7		312 27
26	4141	-20.2	69	300 17	5471	-26.4	66	298 22	7036	-38.9	43	300 28	8959	-48.1		
27	3997	-29.2	67	300 17	5277	-27.4	60		6783	-47.2			8687	-45.5		
28	4004	-29.6	64	352 25	5274	-40.0	57		6764	-50.1			8617	-54.1		
29	4010	-29.8	52		5288	-38.0	41		6789	-49.1			8637	-57.3		
30	4003	-27.9	73	013 14	5293	-35.6	66	009 08	6816	-44.9		030 08	8687	-57.6		024 12
31	3958	-28.2	49	358 10	5254	-34.2	30	011 18	6777	-45.9		001 18	8667	-58.9		357 19
MN	3920	-30.5	47		5196	-37.9	43	325 12	6703	-46.9	40	314 16	8578	-52.9		317 14

Zr	200 MBS				150 MBS				100 MBS				70 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	11003	-56.8		355 12	12830	-56.9		353 13	15380	-60.6		341 19	17600	-62.8		332 26
02	10960	-53.3		329 12	12801	-56.1		330 16	15353	-60.0		333 24	17570	-62.6		332 28
03																
04	10956	-48.1		299 17	12850	-48.6		312 22	15506	-51.3		311 25	17800	-54.2		316 27
05	10956	-46.5		302 16	12862	-46.9		296 18	15533	-48.6		300 17	17850	-51.6		299 22
06	10961	-47.3		294 12	12874	-46.1		290 13	15565	-46.0		306 13	17910	-48.8		296 16
07	10999	-46.7		287 12	12906	-46.7		273 11	15604	-46.0		260 15	17960	-49.3		281 14
08	10989	-48.5		310 10	12880	-48.6		299 08	15599	-47.2		309 10	17920	-46.6		282 12
09	11070	-48.1		302 11	12980	-45.8		313 11	15679	-46.4		316 11	18040	-47.3		320 10
10	11101	-43.8		335 08	13033	-44.4		308 10	15735	-47.1		290 14	18080	-48.9		282 14
11	11087	-46.5		302 09	12999	-47.1		302 10	15690	-46.4		291 13	18030	-49.3		300 14
12	11087	-45.4		295 14	13010	-45.8		287 15	15700	-47.4		287 18	18040	-48.0		296 14
13	11064	-47.6		302 15	12976	-45.6		286 13	15676	-48.1		283 11	18010	-48.4		279 16
14	11068	-46.8		302 11	12992	-45.0		293 11	15692	-47.6		284 13	18020	-48.8		274 14
15	11057	-49.2		309 09	12952	-48.0		286 10	15630	-47.2		282 10	17960	-50.9		264 13
16	11043	-50.3		293 12	12934	-48.4		282 10	15604	-49.1		262 15	17930	-49.8		284 17
17	11039	-50.3		291 16	12918	-49.8		288 15	15589	-48.0		288 19	17915	-51.2		285 26
18	11083	-50.4		287 14	12953	-52.0		291 14	15597	-48.7		271 19	17940	-48.8		276 23
19	11210	-54.0		305 25	13065	-53.0		294 28	15665	-53.0						
20	11451	-59.0			13258	-58.3			15849	-54.0			18125	-53.4		
21	11516	-60.3			13355	-54.4			15960	-54.6			18230	-54.3		
22	11645	-67.3			13419	-56.6			15990	-53.8			18270	-55.0		
23	11623	-58.0		292 28	13469	-50.4		314 16	16101	-51.9		313 25	18400	-52.8		334 23
24	11580	-47.2			13493	-46.6			16167	-49.9			18500	-54.2		
25	11679	-46.1		322 23	13600	-47.3		321 20	16246	-51.4		323 20	18530	-54.5		324 15
26	11666	-43.8			13593	-47.1			16234	-54.0			18510	-56.9		
27	11416	-43.0			13362	-44.3			16031	-53.2			18631	-53.2		
28	11238	-51.1			13116	-49.9			15747	-51.7			18065	-51.1		
29	11187	-58.1			13008	-56.6			15589	-56.6			17815	-62.2		
30	11212	-58.6			13014	-59.5			15547	-61.5			17740	-65.4		
31	11143	-61.4		357 10	12992	-61.0		339 13	15429	-65.1		339 15	17590	-68.8		326 18
MN	11203	-51.1		308 13	13081	-50.2		305 14	15721	-51.5		301 15	18005	-53.4		

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Zr	600 MBS				500 MBS				400 MBS				300 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	3847	-34.5	66	347 09	5098	-42.9		346 13	6570	-52.7		354 15	8394	-59.0		350 13
02	3741	-38.7	64	119 08	4977	-44.1		106 04	6454	-50.4		329 03	8320	-52.5		307 07
03	3764	-37.4	53	065 09	5002	-45.1		060 08	6471	-51.0		308 05	8332	-51.4		300 11
04	3716															

SACHS HARBOR, N.W.T.

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FEBRUARY 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

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	-24.8	83	135	10	0144	-24.6	78	147	11	0530	-19.9	71	179	13	0925	-18.7	69	203	08
02	0997	-27.7	76	160	03	0062					0425	-21.0	70	141	09	0833	-19.9	62	107	05
03	0993	-20.2	75	340	04	0053					-25.0	76	332	09	0799	-23.0	75	346	05	
04	1000	-27.2	77	170	05	0085	-27.2	77	170	05	0450	-27.8	83	219	08	0847	-23.5	81	231	08
05	1007	-34.1	81	045	04	0136	-30.6	77	023	04	0500	-23.6	72	006	04	0905	-22.4	62	005	04
06	0999	-21.6	74	090	12	0076					-19.9	74	121	10	0857	-16.4	65	108	07	
07	0997	-22.7	84	125	09	0062					-14.5	68	128	18	0853	-14.1	70	121	12	
08	0998	-21.5	81	135	12	0071					-22.1	78	167	17	0847	-19.1	80	175	13	
09	0999	-18.3	81	180	06	0079					-21.0	86	211	06	0855	-16.9	86	236	07	
10	1002	-19.0	86	360	06	0094	-19.0	86	007	06	0480	-18.9	85	047	10	0883	-18.8	83	050	07
11	1010	-16.2	81	360	06	0156	-25.7	77	008	07	0530	-19.9	70	014	04	0936	-19.0	60	358	05
12	1016	-36.3	360	07	0197	-30.6	64	007	07	0560	-25.9	68	030	05	0959	-26.0	68	025	06	
13	1027	-39.1	045	08	0275	-25.8	66	033	07	0645	-23.8	42	016	05	1044	-23.5	38	011	06	
14	1025	-37.2	340	05	0259	-29.7	79	344	08	0630	-26.2	80	349	09	1020	-27.0	77	346	08	
15	1027	-36.6	315	06	0272	-28.9	65	331	09	0640	-25.6	64	397	10	1035	-25.1	55	003	09	
16	1020	-27.4	77	250	05	0222	-28.6	73	271	08	0600	-21.6	63	292	13	0993	-21.0	66	299	16
17	1008	-26.1	68	270	05	0144	-26.6	69	274	06	0505	-29.1	72	289	07	0905	-22.4	76	295	09
18	1010	-30.4	67	360	04	0154	-28.7	64	357	04	0520	-24.1	70	343	07	0920	-23.3	74	353	06
19	1013	-30.4	74	000	00	0177	-29.0	70	000	00	0550	-21.8	64	000	00	0947	-21.5	65	079	06
20	1008	-33.0	73	315	05	0132	-32.9	73	320	05	0490	-28.4	73	334	06	0875	-28.2	74	321	06
21	1012	-38.8	020	04	0164	-35.3	022	04	0525	-29.3	64	034	07	0916	-25.7	71	035	10		
22	1014	-37.0	135	05	0181	-34.7					-27.7	72	-		0939	-24.2	76	326	01	
23	1007	-33.2	72	160	07	0132	-33.6	73	174	08	0500	-26.8	68	230	09	0888	-25.0	67	250	10
24	0997	-33.5	63	270	07	0064					-29.0	67	310	05	0816	-25.9	70	314	08	
25	0998	-36.2	135	03	0068						-29.6	65	283	07	0819	-24.4	68	289	08	
26	0999	-31.9	66	180	09	0075					-27.6	68	277	09	0834	-22.7	73	291	12	
27	1001	-30.5	74	000	00	0089	-30.9	74	000	00	0470	-25.5	71	312	05	0850	-21.7	72	323	07
28	1003	-31.8	66	135	03	0108	-31.7	67	139	03	0480	-27.4	72	194	02	0868	-21.7	72	250	02
MN	1007	-30.3	75	*		132	-29.1	72	*		501	-24.4	71	*		899	-22.2	70	*	

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	1949	-21.0	68	236	04	1798	-18.6	62	227	08	2280	-19.2	27	225	08	2789	-22.1	39	223	03
02	1295	-20.9	65	128	06	1705	-19.8	57	136	07	2195	-20.9	47	133	08	2691	-23.1	37	128	08
03	1214	-22.9	78	342	06	1661	-22.4	64	334	05	2140	-23.7	47	238	11	2635	-26.3	61	024	05
04	1267	-22.6	80	238	10	1711	-24.0	74	238	11	2190	-25.5	61	288	10	2678	-28.0	60	240	11
05	1325	-22.1	48	331	04	1771	-23.6	38	302	07	2290	-25.5	34	286	10	2739	-27.9	32	280	12
06	1287	-16.8	51	104	08	1742	-18.4	37	109	07	2220	-19.8	56	142	04	2732	-22.4	73	251	03
07	1285	-16.2	75	120	14	1740	-18.1	81	116	11	2240	-17.0	78	110	07	2738	-20.2	75	149	03
08	1277	-13.4	83	173	10	1741	-11.5	86	170	07	2235	-13.8	86	169	07	2754	-16.8	84	167	06
09	1288	-14.3	88	252	07	1750	-12.2	87	259	09	2235	-14.4	84	256	11	2761	-17.0	67	231	13
10	1312	-13.0	87	033	06	1776	-12.6	85	357	03	2275	-16.0	82	276	02	2782	-19.3	80	238	02
11	1362	-19.1	50	342	07	1813	-20.7	49	321	07	2295	-22.6	61	295	08	2793	-25.0	71	285	07
12	1370	-27.4	68	008	07	1807	-29.0	68	360	05	2270	-32.0	67	358	05	2749	-35.0	67	004	06
13	1462	-23.9	43	014	08	1904	-25.9	43	028	08	2370	-29.0	40	031	07	2859	-32.3	38	030	08
14	1431	-28.0	75	342	10	1867	-28.7	70	335	12	2330	-29.0	68	331	12	2819	-31.6	63	328	14
15	1450	-24.6	47	007	10	1893	-24.1	46	013	12	2360	-23.9	59	016	11	2865	-25.7	48	020	11
16	1414	-21.9	67	210	15	1860	-23.5	76	310	16	2325	-24.3	74	305	14	2831	-23.7	74	314	12
17	1325	-22.1	60	294	10	1770	-23.5	78	294	11	2245	-25.0	78	291	15	2740	-27.0	78	288	18
18	1328	-23.7	75	351	06	1781	-24.4	75	349	04	2250	-27.0	74	000	00	2742	-30.0	73	306	03
19	1367	-19.9	60	112	04	1809	-26.4	61	078	04	2280	-27.7	63	049	08	2768	-30.0	64	060	07
20	1282	-31.2	76	331	07	1710	-33.0	77	337	09	2180	-31.5	74	345	12	2653	-32.6	71	393	14
21	1333	-24.9	68	042	13	1774	-25.2	60	044	14	2240	-25.8	51	049	15	2741	-28.0	44	051	16
22	1356	-22.9	77	334	02	1801	-23.9	73	340	03	2275	-25.6	63	326	04	2769	-27.2	49	279	05
23	1305	-23.3	63	255	12	1749	-24.0	67	260	11	2225	-25.3	63	272	10	2718	-27.8	65	270	11
24	1232	-24.6	70	315	11	1674	-25.2	63	318	13	2135	-27.4	56	315	15	2634	-30.3	50	312	14
25	1236	-23.4	64	295	09	1680	-24.4	49	304	08	2100	-25.2	34	313	08	2651	-25.8	38	319	08
26	1256	-21.8	76	299	11	1701	-23.6	76	309	09	2100	-22.8	69	318	05	2680	-24.8	66	311	06
27	1272	-21.4	58	333	06	1720	-22.1	38	344	05	2190	-23.3	29	345	04	2697	-25.4	418	332	04
28	1291	-20.5	74	271	03	1739	-21.7	66	263	02	2225	-22.9	44	290	03	2717	-24.4	25	287	04
MN	1319	-21.8	69	319	03	1766	-22.5	64	*		2243	-23.8	59	*		2740	-26.1	58	311	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	1003	-26.6	77	135	07	0103	-26.0	76	140	07	0480	-20.7	71	184	13	0883	-18.4	66	189	10
02	0992	-28.0	82	000	00	0023					-25.0	65	000	00	0790	-20.7	57	078	02	
03	0998	-20.1	75	110	04	0067					-24.1	76	282	07	0831	-22.7	74	291	08	
04	1004	-24.4	70	180	01	0116	-24.7	70	190	02	0480	-27.4	72	249	06	0877	-25.0	73	276	05
05	1005	-27.5	76	090	08	0117	-26.1	70	091	08	0490	-21.2	44	104	10	0893	-20.7	31	090	07
06	0998	-22.3	84	090	13	0052					-16.0	78	116	15	0839	-17.5	78	107	14	
07	0998	-22.1	77	110	12	0066					-19.0	84	194	09	0852	-13.9	85	158	12</	

SACHS HARBOUR, N.W.T.

FEBRUARY 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

Day	600 MBS				500 MBS				400 MBS				300 MBS								
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind					
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.					
01	3912	-27.8	43	204	01	5200	-36.0	40	023	03	6719	-45.7	7	037	12	8578	-59.4	4	029	07	
02	3810	-28.9	34	139	09	5092	-36.9	A22	142	06	6601	-48.0	0	200	02	8452	-58.0	0	275	03	
03	3740	-31.5	55	059	03	5017	-37.8	A22	285	07	6519	-49.6	6	290	06	8357	-60.2	2	277	04	
04	3768	-35.0	73	245	12	5019	-43.3	A22	256	16	6489	-51.2	2	255	17	8315	-60.4	4	261	22	
05	3833	-33.7	A21	287	16	5094	-40.0	A22	276	30	6590	-48.4	4	275	33	8446	-56.6	6	280	38	
06	3856	-26.7	71	281	08	5159	-31.8	63	270	18	6715	-40.2	2	267	22	8610	-56.8	8	265	21	
07	3874	-24.0	A18	282	03	5185	-31.7	7	30	317	05	6724	-43.1	7	307	06	8600	-57.9	9	312	05
08	3894	-24.8	77	190	07	5197	-32.7	72	242	08	6731	-44.4	4	204	06	8601	-57.5	5	211	10	
09	3908	-22.7	A18	262	15	5217	-33.5	A21	269	20	6740	-45.7	3	275	22	8596	-59.2	2	270	23	
10	3919	-23.1	80	235	06	5233	-31.5	76	237	15	6776	-42.6	6	234	21	8654	-58.1	2	236	27	
11	3899	-31.6	79	267	11	5170	-39.0	73	261	15	6974	-47.8	8	247	23	8523	-58.6	6	251	25	
12	3814	-39.6	52	254	06	5044	-45.8	32	08	07	6974	-47.8	8	289	13	8384	-51.7	7	284	15	
13	3933	-38.1	A21	013	11	5147	-46.0	0	32	09	6623	-54.6	6	049	08	8435	-60.3	3	358	09	
14	3897	-36.5	73	334	14	5165	-42.0	34	1	16	6630	-50.4	4	350	19	8461	-61.0	3	339	22	
15	3966	-32.9	51	025	16	5226	-40.7	7	032	14	6711	-51.7	7	035	16	8531	-63.0	3	046	14	
16	3947	-28.6	95	330	10	5232	-36.2	35	009	11	6742	-47.1	7	1009	15	8599	-58.5	5	023	17	
17	3837	-32.9	73	302	14	5096	-42.0	0	313	14	6572	-52.5	5	312	13	8433	-50.6	6	316	13	
18	3831	-34.8	68	358	09	5083	-42.5	5	348	07	6563	-49.6	6	352	09	8418	-53.8	8	343	07	
19	3861	-33.1	52	070	08	5121	-41.3	6	067	04	6603	-51.6	6	056	04	8443	-55.6	6	029	09	
20	3733	-34.1	56	359	18	4998	-39.3	A22	008	17	6501	-46.7	0	010	20	8389	-49.9	9	004	21	
21	3835	-33.6	61	058	16	5093	-41.9	9	055	17	6577	-50.5	5	050	13	8434	-53.8	8	044	16	
22	3870	-32.7	A20	279	07	5129	-41.8	8	271	07	6607	-52.2	2	346	04	8436	-57.8	8	354	10	
23	3812	-35.0	68	277	14	5065	-42.0	0	281	21	6549	-50.2	2	291	22	8397	-57.2	2	291	19	
24	3717	-35.6	35	312	18	4968	-42.3	3	302	21	6448	-50.5	5	291	21	8290	-54.3	3	297	13	
25	3757	-30.6	62	315	08	5044	-38.8	60	000	00	6591	-48.7	0	000	00	8346	-60.8	8	297	03	
26	3786	-31.2	64	311	08	5059	-38.7	7	61	316	06	6589	-48.8	8	354	04	8395	-60.8	8	043	04
27	3804	-28.2	A20	002	03	5079	-38.5	A22	359	02	6579	-48.5	5	037	02	8422	-60.0	0	164	01	
28	3828	-30.3	A20	288	07	5103	-38.5	37	288	10	6597	-50.3	3	274	12	8433	-57.4	4	280	09	

MN 3844 -31.4 50 * 5115 -39.0 42 * 301 07 6614 -48.6 * 302 08 8464 -57.3 * 299 08

Day	200 MBS				150 MBS				100 MBS				70 MBS						
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind			
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.			
01	11095	-60.7	7	281	06	12889	-61.0	294	11	15388	-64.7	7	285	17	17570	-67.1	1	294	17
02	10994	-57.9	9	245	13	12801	-60.0	257	12	15303	-63.5	5	272	17	17520	-66.1	7	273	31
03	10894	-57.9	9	253	15	12705	-59.0	257	16	15220	-64.1	0	260	23	17390	-68.9	9	262	24
04	10859	-58.3	3	259	22	12666	-59.4	263	23	15184	-63.0	5	263	23	15184	-63.0	5	263	23
05	11012	-56.6	6	280	44	12827	-58.7	280	34	15358	-61.0	0	280	34	15358	-61.0	0	280	34
06	11119	-57.0	1	268	24	12930	-58.1	265	32	15479	-60.4	4	272	27	17680	-64.4	4	281	13
07	11135	-59.1	0	267	18	12965	-55.6	271	20	15936	-58.5	5	269	29	17780	-61.7	7	273	31
08	11147	-56.3	3	254	17	12993	-55.3	260	18	15961	-57.2	2	259	25	17790	-58.9	9	268	32
09	11133	-54.6	6	261	19	12963	-55.4	249	13	15539	-56.3	3	245	27	17790	-58.9	9	268	32
10	11143	-62.3	3	292	21	12938	-58.6	254	24	15478	-60.0	0	256	27	17710	-60.2	2	252	24
11	11071	-56.9	9	302	17	12895	-57.0	271	16	15451	-58.4	4	270	24	17700	-56.2	2	286	21
12	11008	-58.9	3	302	18	12865	-52.9	305	21	15479	-54.1	1	305	29	17780	-55.0	3	303	33
13	11027	-51.3	3	319	17	12896	-51.8	304	21	15521	-53.4	1	318	32	17800	-54.6	6	297	32
14	11019	-53.4	4	315	20	12875	-52.0	320	24	15513	-51.4	1	324	33	17820	-50.0	0	300	33
15	11057	-56.7	8	315	10	12891	-54.4	349	13	15511	-50.7	0	325	24	17865	-49.0	0	327	29
16	11129	-56.8	8	354	14	12976	-52.4	326	14	15611	-50.0	0	326	14	15611	-50.0	0	326	14
17	11100	-46.8	0	324	18	12994	-47.8	323	20	15655	-49.3	3	310	20	17999	-49.7	7	314	36
18	11072	-46.8	8	344	20	12977	-47.2	337	21	15656	-48.3	3	322	22	17975	-50.3	3	315	22
19	11080	-48.0	0	345	15	12978	-49.0	340	18	15643	-50.0	0	327	18	17966	-51.3	3	322	32
20	11070	-45.7	0	338	12	12968	-48.0	338	12	15640	-51.9	9	309	24	17948	-52.8	8	313	27
21	11080	-48.9	9	307	10	12907	-49.4	326	17	15625	-51.0	6	306	24	17898	-52.0	0	296	28
22	11039	-51.3	3	297	17	12865	-51.0	297	23	15487	-53.8	8	290	34	17948	-52.0	0	296	28
23	10991	-50.8	8	297	17	12865	-51.0	297	23	15487	-53.8	8	290	34	17948	-52.0	0	296	28
24	10910	-52.9	9	298	13	12859	-55.4	299	15	15251	-57.7	7	299	15	15251	-57.7	7	299	15
25	10922	-58.7	6	292	10	12730	-57.4	304	14	15293	-57.4	4	305	28	17559	-54.8	8	303	27
26	10914	-58.6	6	292	10	12730	-57.4	304	14	15293	-57.4	4	305	28	17559	-54.8	8	303	27
27	10965	-55.9	9	298	14	12806	-53.4	302	19	15435	-50.2	2	304	28	17777	-47.7	7	307	28
28	11032	-51.1	1	286	16	12916	-48.3	290	20	15593	-47.4	4	306	17	17943	-49.1	1	287	23

MN 11035 -54.5 * 289 14 12880 -54.2 * 293 17 15474 -55.4 * 291 23 17747 -56.5 *

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS							
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind				
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	3878	-28.5	34	190	07	5160	-37.9	35	173	04	6663	-47.2	2	059	07	8518	-58.8	8	043	08
02	3745	-29.5	56	075	06	5026	-37.0	A22	221	02	6536	-47.3	3	263	07	8388	-59.0	0	257	04
03	3765	-32.8	69	265	08	5029	-40.7	2	258	09	6515	-50.8	8	254	13	8336	-60.3	3	256	17
04	3789	-34.1	59	262	22	5042	-42.9	2	264	20	6518	-50.8	8	266	24	8350	-59.0	0	266	32
05	3870	-27.8	58	265	18	5160	-35.9	68	269	23	6628	-43.5	5	279	35	8562	-56.8	8	275	38
06	3848	-24.9	43	313	07	5156	-31.7	65	285	09	6705	-41.3	3	282	11	8593	-56.9			

SACHS HARBOUR, N.W.T.

FEBRUARY 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.

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01	19574															
02																
03	19371	-73.4		266 21	22325											
04	19363	-70.9														
05	19591															
06	19722															
07																
08																
09	19895	-61.9			23055	-61.9										
10	19804	-59.8			23017	-57.1										
11	19839	-54.0		286 28	23128											
12	19923	-53.0														
13	19966	-53.6		300 43	23257	-53.2										
14	20044	-49.0			23391	-49.7										
15	20051	-50.3		319 23	23376											
16																
17	20170	-51.9			23467	-52.0										
18	20176	-54.3		310 27	23464	-52.9	286 17									
19	20148	-54.2		304 22	23436	-53.0	304 25									
20	20120	-52.6														
21	20120	-53.8		299 27	23388	-56.5	302 38									
22	19985	-56.4		295 34	23230	-57.0										
23																
24	19744															
25	19664	-53.7		300 37												
26	19727	-51.7		306 32	23030	-53.9		25633	-53.4							
27	19962	-52.8		303 32	23279	-50.2	305 32									
28	20150	-48.9		303 24	23512	-48.0	310 26									
MN	19874	-55.6	*		23224	-53.8	*		25633	-53.4	*					*

00 GMT.

SPECIAL AEROLOGICAL DATA

Day	SYNOPTIC DATA				FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL						
	Al.	Pr.	Temp.	W.	Al.	Pr.	Temp.	W.	Al.	Pr.	Temp.	W.	Al.	Pr.	Temp.	W.	Al.	Pr.	Velocity				
01	25530	36	8	06	0				2	08-97	281	-61.5	304	0			8	16-21	087	294	22		
02	09000	02	7	14	0				1	08-99	278	-60.8	307	0			8	14-67	111	270	17		
03	10851	02	1	08	0				1	08-58	268	-61.0	303	0			1	20-89	038	266	39		
04	25671	02	1	06	0				1	08-40	296	-60.7	301	0			7	14-21	117	260	32		
05	16101	02	1	06	0				1	08-74	286	-57.5	309	0			7	11-11	197	280	44		
06	66500	36	8	14	0				1	10-02	239	-66.4	311	0			8	16-49	085	268	42		
07	20831	02	1	03	0				1	09-59	235	-63.5	310	0			1	18-14	066	273	32		
08	862	-71	1	04	0				2	08-87	288	-58.9	306	0			1	18-35	064	269	35		
09	862	-02	1	04	0				1	09-57	257	-61.5	312	1	11-91	177	-57.6	354	109	253	31		
10	862	-10	7	01	0				1	09-80	249	-66.2	308	0			1	19-69	051	250	41		
11	10894	02	1	14	0				1	09-16	271	-60.3	309	0			9	19-05	037	284	30		
12	16200	10	3	12	0				2	06-51	400	-51.0	289	0			1	18-59	061	305	43		
13	00900	10	3	19	0				1	08-30	307	-61.0	297	0			1	22-62	035	303	58		
14	10851	02	8	11	0				1	08-68	289	-61.5	302	0			1	16-25	090	316	35		
15	00901	10	1	06	0				2	08-74	290	-64.2	298	0			9	19-16	037	318	35		
16	864	-10	7	22	0				2	09-09	277	-61.4	305	0			7	09-39	264	020	18		
17	862	-71	6	04	0				2	06-57	400	-52.5	287	1	16-50	088	-52.2	445	8	17-59	074	312	37
18	26234	02	0	00	0				1	07-53	344	-54.8	296	0			9	20-60	047	314	35		
19	00901	02	1	01	0				2	07-57	344	-56.3	294	1	20-55	047	-55.6	521	9	24-90	024	301	44
20	26104	10	2	02	0				1	08-03	316	-50.9	309	0			5	07-29	354	009	27		
21	15440	10	1	04	0				2	06-97	377	-52.1	292	0			9	21-49	040	313	44		
22	10931	02	0	00	0				2	07-11	370	-55.8	289	0			9	22-78	032	299	52		
23	25521	36	8	20	0				2	07-96	321	-57.2	299	0			8	15-09	106	293	36		
24	00901	02	1	04	0				2	07-50	341	-55.0	297	0			4	06-89	374	295	27		
25	00901	02	6	04	0				1	09-18	263	-62.4	308	0			1	20-52	044	300	39		
26	76400	71	1	02	0				2	08-53	293	-61.5	301	0			1	22-41	033	310	53		
27	00901	02	1	01	0				1	08-90	277	-62.7	304	1	19-10	057	-53.5	498	9	22-00	036	305	36
28	00900	02	3	07	0				1	07-32	358	-56.4	291	0			9	23-33	031	310	30		
MEAN										08-40	306	-59.1	301				17-02	092	-54.7	454			

CONSTANT PRESSURE DATA

12 GMT.

Day	50 MBS				30 MBS				20 MBS				10 MBS			
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01	19514															
02	19401	-73.8		265 26	22338											
03	19357	-71.4														
04	19425	-70.4														
05																
06	19759															
07																
08	19931	-61.8			23067	-64.5										
09	19856	-61.1			23026	-61.2										
10	19828	-55.6			23094	-55.2		25552	-59.8							
11	19917	-52.5		293 48	23199											
12	19979	-54.7			23237	-54.6										
13	19989	-52.6			23301											
14	20071	-49.6		309 37	23418	-49.4										
15	20108	-51.2			23407	-53.1										
16	20188															
17	20146	-53.5														
18	20135	-51.9		321 26	23434	-51.9	302 28	26055	-53.0							
19	20123	-52.7		313 27	23412											
20	20128	-51.5			23405											
21	20063	-55.7			23320	-55.8										
22	19937	-57.2			23184	-58.5										
23	19778	-57.1			23021	-54.8										
24	19708															
25	19643	-53.9			22951	-50.4										
26	19854	-51.0		310 37	23177	-50.1										
27	20030	-51.0			23361	-50.0										
28	20141	-48.1		302 21	23509											
MN	19885	-56.3	*		23202	-54.6	*		25804	-56.4	*					*

12 GMT.

SPECIAL AEROLOGICAL DATA

Day	SYNOPTIC DATA				FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL				
	Al.	Pr.	Temp.	W.	Al.	Pr.	Temp.	W.	Al.	Pr.	Temp.	W.	Al.	Pr.	Temp.	W.	Al.	Pr.	Velocity		
01	00900	02	8	15	0				1	09-01	277	-61.9	305	0			1	18-27	062	276	22
02	00900	02	8	07	0				2	08-55	292	-59.8	304	0			1	21-64	034	279	31
03	25730	01	2	10	0				2	07-66	334	-59.7	292	0			8	18-88	054	262	45
04	856	-71	3	11	0				2	07-96	319	-58.6	297								

SACHS HARBOUR, N.W.T.

MARCH 1961

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

CONSTANT PRESSURE DATA

00 GMT.

INDEX No. 74051

LATITUDE 71°57'N

LONGITUDE 124°44'W

ELEVATION 84 METERS

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include Altitude, Temp., R.H., Wind for each level. Includes a summary row for MN at 1016 -29.6 71 * 196 -26.4 64 * 571 -23.3 56 * 966 -22.6 53 *.

Table with columns for 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include Altitude, Temp., R.H., Wind for each level. Includes a summary row for MN at 1385 -22.7 47 * 44 05 1830 -23.9 42 * 2302 -25.5 39 * 2798 -27.5 34 * 20 05.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS. Rows include Altitude, Temp., R.H., Wind for each level. Includes a summary row for MN at 1016 -32.0 73 * 196 -27.1 65 * 569 -23.6 59 * 965 -23.0 52 *.

Table with columns for 850 MBS, 800 MBS, 750 MBS, 700 MBS. Rows include Altitude, Temp., R.H., Wind for each level. Includes a summary row for MN at 1384 -23.0 49 * 46 05 1828 -24.1 46 * 2300 -25.6 41 * 2796 -27.5 35 * 23 06.

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

MARCH 1961

STATION INSTRUMENTATION
USWB type radiosonde, Metax RDF tracking equipment

CONSTANT PRESSURE DATA

00 GMT.

00 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS					
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind		
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.		
01	3806	-31	1	71 226	12	5076	-40	2	232 21	6559	-51	3	253 25	8402	-54	9	272 13	
02	3812	-30	8	76 287	15	5066	-39	5	72 280	21	6577	-48	3	285 26	8431	-58	5	286 33
03	3850	-33	7	A21 355	06	5110	-40	9	308 09	6602	-47	9	298 22	8458	-56	2	290 23	
04	3816	-38	6	A22 004	16	5049	-45	7	341 15	6525	-49	7	339 22	8382	-52	8	325 14	
05	3821	-35	5	60 060	07	5071	-42	4	073 13	6551	-51	3	080 16	8400	-53	4	074 05	
06	3814	-35	0	58 086	14	5069	-41	5	087 17	6551	-51	6	090 18	8401	-54	0	093 10	
07	3825	-34	7	30 080	08	5084	-39	7	A22 070	08	6579	-49	1	082 08	8414	-61	8	080 08
08	3898	-34	0	A21 201	05	5155	-40	1	172 04	6647	-49	4	052 02	8480	-60	4	313 06	
09	3861	-36	9	37 291	12	5110	-42	1	290 16	6590	-51	2	291 16	8425	-55	6	287 15	
10	3859	-38	4	A22 346	08	5093	-45	4	316 10	6557	-52	8	313 12	8387	-57	4	305 14	
11	3868	-37	8	49 356	08	5099	-46	6	393 10	6550	-55	6	356 12	8373	-58	0	314 16	
12	3884	-35	0	A21 011	02	5134	-43	4	350 03	6603	-53	5	339 09	8416	-60	9	299 08	
13	3866	-34	4	A21 015	03	5119	-42	5	393 05	6596	-51	6	320 14	8420	-60	5	311 13	
14	3883	-33	0	A20 360	09	5143	-41	8	352 11	6622	-51	5	315 09	8459	-58	7	315 15	
15	3882	-33	7	A21 011	07	5141	-41	1	041 06	6623	-51	7	030 05	8470	-54	0	305 11	
16	3915	-28	3	A19 253	03	5207	-33	0	A20 297	14	6769	-38	7	265 24	8682	-53	7	265 28
17	3838	-29	9	A20 348	12	5128	-32	9	A20 340	13	6667	-43	1	326 16	8557	-54	8	328 13
18	3869	-33	5	34 011	08	5129	-40	4	001 09	6629	-46	9	023 10	8502	-52	0	393 09	
19	3926	-29	8	A20 314	10	5209	-35	8	A21 299	19	6736	-44	3	286 28	8629	-52	7	284 40
20	3938	-28	2	A19 309	11	5233	-34	2	A21 293	18	6759	-43	9	295 19	8636	-52	4	290 19
21	3921	-32	3	A20 009	09	5186	-40	3	325 13	6688	-46	5	311 09	8579	-48	5	310 13	
22	3962	-30	0	56 306	08	5196	-38	7	A22 352	09	6793	-42	2	312 10	8618	-49	4	316 09
23	3951	-36	0	56 306	08	5196	-42	9	298 14	6680	-49	4	301 16	8568	-47	6	300 09	
24	3978	-31	0	A20 053	04	5253	-37	7	A22 093	11	6760	-47	3	101 11	8637	-50	2	078 05
25	4002	-29	0	A20 061	04	5278	-37	9	A22 083	04	6784	-47	7	092 04	8640	-53	9	021 03
26	3985	-32	4	A22 022	06	5250	-39	8	A22 334	05	6750	-47	6	310 09	8623	-50	9	307 07
27	3961	-33	6	A21 077	08	5222	-40	3	328 02	6719	-47	3	301 09	8604	-49	2	300 10	
28	3961	-31	5	029 07	07	5232	-38	8	031 05	6734	-47	8	349 03	8618	-47	8	312 09	
29	3929	-28	9	A19 055	03	5208	-38	5	A22 204	03	6706	-48	8	206 05	8595	-47	0	306 09
30	3947	-31	8	A20 009	04	5215	-39	5	A22 340	08	6712	-48	4	327 10	8608	-46	3	312 14
31	3923	-32	6	A20 345	11	5190	-38	9	A22 323	20	6702	-44	3	316 37	8613	-47	4	318 34
MN	3895	-33	0	31 *	5158	-40	11	25 *	327 06	6654	-48	6	37 *	8516	-53	7	303 12	

Day	200 MBS				150 MBS				100 MBS				70 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	11031	-49	8	277 14	12920	-47	6	286 20	15604	-47	8	276 16	17962	-47	0	300 17
02	11011	-51	0	287 17	12893	-48	6	286 14	15571	-47	0	286 16	17938	-46	7	288 20
03	11073	-48	4	299 16	12977	-45	7	288 17	15677	-45	8	289 14	18058	-45	1	291 18
04	11043	-45	1	309 14	12963	-44	8	296 15	15697	-43	2	284 25	18085	-46	3	283 18
05	11057	-46	3	286 07	12971	-46	0	265 13	15673	-45	4	259 21	18063	-42	1	269 19
06	11043	-48	6	299 06	12944	-46	5	276 11	15653	-43	8	286 14	18058	-42	9	277 15
07	11004	-49	9	298 07	12903	-45	7	294 09	15620	-43	8	275 16	18134	-42	6	282 10
08	10998	-46	9	283 09	13017	-44	1	289 11	15670	-43	5	258 15	18152	-42	6	270 11
09	11070	-46	4	267 20	12991	-43	6	269 24	15731	-41	4	258 15	18152	-42	6	270 11
10	11019	-47	3	290 18	12934	-45	1	281 20	15671	-40	4	276 17	18107	-39	6	280 14
11	10988	-49	3	285 18	12884	-47	0	281 20	15606	-41	3	270 23	18046	-39	9	267 16
12	10988	-52	6	289 13	12866	-48	0	279 18	15577	-41	9	269 18	18002	-41	1	268 22
13	10998	-51	9	279 12	12876	-47	8	275 17	15577	-44	1	269 26	17978	-43	0	263 25
14	11058	-49	0	271 15	12958	-46	1	267 21	15665	-45	9	269 25	18059	-44	0	267 20
15	11116	-48	0	280 18	13026	-45	4	270 22	15744	-43	0	268 22	18128	-45	8	266 21
16	11227	-56	3	274 21	13096	-48	0	264 19	15767	-45	1	271 28	18140	-46	2	271 14
17	11190	-48	3	306 10	13096	-45	0	282 12	15819	-44	0	280 10	18200	-45	7	278 12
18	11180	-44	4	298 10	13114	-43	6	286 12	15857	-42	6	260 10	18246	-46	0	244 05
19	11271	-48	0	289 19	13171	-46	6	284 11	15894	-44	6	283 11	18283	-44	6	267 16
20	11318	-44	1	278 16	13241	-44	5	284 11	15990	-44	1	284 10	18345	-43	8	285 05
21	11290	-42	5	291 10	13212	-42	7	285 09	15961	-45	0	266 07	18354	-46	0	263 04
22	11274	-43	0	313 10	13212	-43	2	299 08	15936	-45	0	299 08	18328	-44	6	317 03
23	11280	-42	5	302 08	13225	-42	3	296 08	15958	-43	5	309 06	18348	-45	4	305 01
24	11322	-44	0	267 06	13260	-43	0	300 06	15985	-43	9	300 03	18382	-43	7	309 06
25	11319	-43	4	300 06	13261	-42	4	290 04	16000	-42	8	318 05	18401	-43	8	325 07
26	11317	-43	7	320 08	13258	-42	3	314 06	15998	-42	4	344 06	18402	-43	9	336 05
27	11314	-43	0	303 08	13252	-42	6	319 08	15985	-43	5	334 05	18379	-44	4	335 05
28	11342	-41	1	312 10	13293	-42	4	319 06	16032	-43	0	341 06	18424	-45	5	358 06
29	11329	-40	5	306 10	13286	-41	2	300 07	16028	-43	0	300 07	18403	-47	4	098 03
30	11347	-40	4	299 10	13305	-41	1	295 10	16043	-44	0	316 02	18426	-46	4	198 05
31	11339	-41	1	311 23	13284	-43	4	291 10	16013	-44	6	250 07	18395	-46	2	195 08
MN	11170	-46	3	289 12	13087	-44	7	284 12	15807	-43	9	277 12	18200	-44	4	*

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Day	600 MBS				500 MBS				400 MBS				300 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind				

SACHS HARBOUR, N.W.T.

APRIL 1961

STATION INSTRUMENTATION
USWB type radiocane, 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 (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	1013	-33.3	63	045	11	0172	-31.0	60	052	10	0530	-27.1	58	067	10	0931	-25.3	60	054	13
02	1009	-30.4	74	045	08	0149	-30.5	73	050	09	0510	-26.3	69	069	10	0910	-24.6	68	069	11
03	1012	-28.2	71	090	05	0171	-29.0	70	099	04	0535	-25.5	66	061	02	0934	-23.6	65	349	02
04	1012	-26.8	77	290	07	0173	-27.4	75	295	08	0545	-28.1	70	310	09	0939	-22.5	75	312	11
05	1016	-25.5	73	180	01	0199	-26.5	73	228	03	0580	-28.8	74	310	08	0972	-18.6	52	335	08
07	1008	-27.3	82	315	03	0144	-28.0	316	04	0510	-26.3	70	037	07	0909	-20.7	7	317	08	
08	1007	-31.8	73	360	11	0133	-32.6	72	005	10	0495	-32.2	70	032	09	0876	-31.2	69	037	09
09	1011	-29.3	62	290	09	0160	-30.1	64	292	09	0520	-32.3	72	303	08	0907	-29.0	74	301	09
10	1014	-30.2	61	360	03	0180	-29.0	65	013	03	0550	-32.2	70	049	05	0939	-26.0	63	052	06
11	1006	-27.6	76	020	12	0126	-27.6	74	013	12	0495	-24.2	71	003	11	0891	-25.2	69	013	11
12	1003	-29.8	61	045	08	0105	-30.0	60	048	08	0465	-32.3	58	076	09	0892	-30.1	58	092	11
13	0998	-27.1	77	315	07	0068					0425	-24.6	69	334	07	0831	-25.7	72	354	06
14	1000	-28.3	76	070	04	0083					0440	-28.8	58	070	04	0837	-28.3	59	063	04
15	1004	-27.0	61	135	08	0111	-27.2	61	134	08	0470	-29.5	66	134	05	0862	-31.0	68	155	05
16	1008	-27.5	71	180	06	0142	-28.0	71	183	06	0500	-29.9	67	203	06	0895	-28.0	62	209	06
17	1002	-23.3	76	020	05	0099	-22.8	74	035	04	0480	-21.0	62	100	02	0879	-21.5	60	285	02
18	0995	-13.2	86	045	06	0044					0475	-20.9	69	154	02	0872	-19.9	63	221	03
19	0995	-13.2	86	045	06	0044					0430	-12.8	71	100	06	0851	-07.0	71	149	08
20	0998	-09.4	90	360	04	0068					0480	-11.4	84	115	04	0886	-02.7	75	161	10
21	0999	-10.2	79	020	05	0074					0480	-08.3	82	041	04	0897	-03.0	71	053	08
22	1010	-14.6	87	315	10	0157	-17.2	84	320	10	0540	-15.0	75	334	09	0957	-09.9	79	341	08
23	1006	-19.6	86	270	03	0129	-20.2	80	278	04	0500	-16.9	74	298	05	0919	-12.8	70	290	04
24	1000	-18.1	84	360	05	0083					0470	-13.6	65	297	04	0880	-14.6	65	292	07
25	1012	-14.1	83	250	03	0175	-14.9	83	250	04	0565	-17.7	83	249	04	0972	-10.6	83	274	04
26	1014	-11.6	89	140	06	0188	-11.9	72	151	07	0590	-07.5	64	170	06	1008	-05.2	38	185	05
27	1010	-07.1	85	135	12	0165	-07.3	81	145	14	0590	00.7	43	188	17	1006	00.7	A14	199	16
28	1015	-08.4	91	360	07	0196	-08.8	86	017	07	0600	-03.4	80	040	03	1027	-0.4	78	015	02
29	1012	-10.5	89	360	11	0177	-10.7	88	004	11	0575	-09.5	83	023	11	0992	-08.3	66	030	09
30	1019	-17.3	85	345	08	0227	-18.8	83	325	08	0600	-16.0	81	342	08	1017	-17.2	80	342	07
MN	1008	-22.0	77	*		139	-23.4	73	*		516	-20.4	70	*		919	-18.2	64	*	

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	1347	-24.0	57	046	12	1790	-24.8	50	035	08	2260	-27.4	45	025	12	2750	-30.2	40	024	15	
02	1325	-25.4	69	068	11	1765	-26.3	70	064	12	2230	-27.9	65	059	14	2724	-29.8	57	064	16	
03	1351	-24.5	58	313	03	1792	-26.8	51	306	05	2260	-28.6	45	300	06	2748	-31.0	39	283	05	
04	1356	-23.5	45	355	08	1795	-25.1	52	330	08	2285	-25.6	55	325	08	2767	-27.1	A19	322	09	
05	1354	-22.9	75	315	11	1799	-23.8	75	315	12	2270	-24.0	74	318	13	2764	-29.0	72	323	12	
06	1398	-19.3	39	340	10	1849	-20.1	28	346	12	2320	-22.0	54	351	11	2830	-24.3	50	358	10	
07	1331	-20.9	9	317	10	1778	-23.5	320	10	2260	-25.3	70	318	11	2746	-28.0	60	315	13		
08	1281	-31.4	70	036	09	1710	-33.1	69	034	10	2180	-35.2	68	037	10	2640	-37.5	67	037	10	
09	1317	-27.5	57	313	09	1735	-27.4	78	332	09	2215	-28.8	77	350	11	2710	-30.3	76	358	13	
10	1353	-25.5	58	048	06	1793	-26.6	56	033	07	2270	-26.9	57	027	08	2755	-28.5	60	024	09	
11	1305	-26.4	69	023	16	1747	-24.3	71	032	16	2230	-23.0	71	034	17	2724	-23.0	71	036	18	
12	1257	-32.2	56	084	10	1685	-32.1	55	064	12	2140	-30.9	53	061	18	2632	-30.6	50	063	18	
13	1243	-27.5	77	011	05	1681	-27.1	71	036	07	2160	-27.9	65	044	11	2639	-30.0	55	052	11	
14	1245	-30.0	60	055	05	1675	-32.6	61	049	06	2120	-35.2	62	045	07	2605	-37.9	63	033	08	
15	1266	-32.5	69	146	04	1693	-33.6	69	133	05	2145	-34.6	68	130	07	2624	-37.6	68	136	10	
16	1304	-29.0	55	215	05	1737	-30.0	47	229	07	2200	-31.1	38	240	09	2683	-32.7	36	246	11	
17	1301	-19.9	45	232	05	1752	-19.1	A17	229	08	2240	-18.7	32	225	13	2747	-19.6	55	226	17	
18	1298	-18.0	55	209	06	1752	-17.6	60	216	09	2240	-15.9	63	221	14	2756	-17.7	38	224	18	
19	1298	-05.3	72	169	13	1776	-04.9	66	171	11	2290	-06.7	50	185	13	2817	-11.0	64	184	14	
20	1358	-04.9	53	161	11	1812	-09.0	63	160	12	2310	-13.0	66	152	12	2830	-16.7	59	139	14	
21	1348	-05.0	54	050	14	1822	-09.0	63	043	14	2310	-13.1	70	046	12	2838	-17.6	77	056	10	
22	1399	-09.2	72	343	10	1869	-10.6	48	343	12	2360	-13.9	40	342	12	2881	-18.0	45	342	12	
23	1357	-11.4	42	288	03	1822	-12.6	38	259	03	2305	-15.5	62	253	05	2829	-19.0	54	251	03	
24	1315	-11.3	37	302	06	1779	-13.3	28	298	06	2280	-15.3	38	297	04	2786	-17.9	32	287	04	
25	1410	-12.2	73	316	05	1873	-13.1	62	336	05	2370	-12.9	42	346	07	2890	-14.2	A16	344	07	
26	1457	-04.7	27	202	03	1937	-04.2	28	262	02	2450	-05.9	63	321	04	2982	-08.1	68	303	05	
27	1468	00.1	8	22	215	11	1956	-00.1	39	219	12	2475	-02.8	43	218	08	3014	-06.0	33	215	11
28	1479	-04.0	84	256	02	1958	-05.0	80	240	04	2465	-07.2	89	239	08	2999	-10.1	88	234	10	
29	1435	-09.2	70	027	08	1904	-10.0	75	017	07	2400	-11.0	80	340	04	2928	-14.0	78	303	03	
30	1444	-18.6	78	340	07	1897	-18.8	71	333	07	2375	-21.0	72	326	06	2883	-23.1	73	311	05	
MN	1346	-18.5	59	* 3	02	1799	-19.5	57	*		2281	-21.0	58	*		2784	-23.4	55	* 348	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.				
01	1009	-37.3	74	045	11	0146	-37.0	66	11	0505	-25.9	68	087	12	0900	-26.8	69	086	11	
02	1011	-33.5	72	045	09	0160	-31.9	69	050	09	0520	-25.3	58	063	07	0920	-25.0	52	051	07
03	1011	-30.4	74	110	05	0165	-27.9	62	054	04	0540	-26.3	66	313	02	0927	-25.8	65	312	04
04	1012	-30.4	74	225	03	0171	-29.7	73	234	03	0540	-23.								

SACHS HARBOUR, N.W.T.

APRIL 1961

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

CONSTANT PRESSURE DATA

00 GMT.

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

00 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and sub-columns for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data rows and a summary row at the bottom.

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and sub-columns for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data rows and a summary row at the bottom.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and sub-columns for 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data rows and a summary row at the bottom.

Table with columns for Altitude (Pres. on Sfc.), Temp., R.H., Wind (deg, mps), and sub-columns for 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data rows and a summary row at the bottom.

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

MAY 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

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS, and 850 MBS. Rows include Day, Altitude, Temp., R.H., and Wind for each pressure level.

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

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for SURFACE, 1000 MBS, 950 MBS, 900 MBS, and 850 MBS. Rows include Day, Altitude, Temp., R.H., and Wind for each pressure level.

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

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

SACHS HARBOUR, N.W.T.

MAY 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	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	4079	-24.9	63	001 14	5307	-32.0	73	359 22	6928	-41.8	008 27	8830	-51.9	006	33	
02	4113	-18.9	50	352 21	5452	-27.0	A19	002 26	7022	-38.7	A22	004 41	8940	-51.7		
03	4092	-19.9	48	264 12	5425	-27.0	68	248 20	6996	-38.6	63	247 25	8914	-51.4	253	26
04	3992	-21.1	52		5317	-29.2	53		6877	-40.0	A22		8799	-50.0		
05	3943	-23.7	53	003 16	5250	-32.9	41	354 19	6785	-43.6	004 26	8695	-46.4			
06	4019	-25.7	57	021 17	5319	-33.9	46	026 22	6850	-43.5	024 31	8795	-50.3			
07	4122	-20.3	42	010 13	5452	-28.3	49	010 18	7017	-39.3	45	010 18	8950	-51.4	010	34
08	4123	-19.8	71	306 13	5455	-27.2	73	311 18	7022	-39.6	72	317 22	8950	-53.0	326	29
09	4076	-19.0	31	340 19	5407	-28.8	36	345 27	6979	-39.2	A21		8922	-49.9		
10	4082	-21.8	A18	021 22	5398	-32.0	33	020 26	6941	-41.0			8874	-45.7		
11	4042	-23.7	A18	045 09	5351	-32.5	A20	034 11	6908	-36.4	A21	017 39	8859	-47.9		
12	4090	-23.0	44	053 12	5406	-29.8	54	051 22	6966	-39.4	43	065 28	8882	-51.9	053	29
13	4116	-20.0	71	033 20	5445	-28.4	69	041 29	7019	-36.3	64	052 35	8955	-50.3		
14	4131	-17.6	47	046 16	5476	-25.5	47	041 16	7060	-35.4	A21	053 27	9008	-50.0	046	33
15	4209	-17.8	32	313 08	5550	-26.0	32	324 10	7132	-35.4	A21	314 14	9068	-51.4	312	16
16	4193	-15.2	A16	250 05	5548	-24.1	A18	279 09	7137	-36.0	A21	280 12	9074	-50.6	288	12
17	4119	-13.6	79	274 11	5482	-22.5	70	278 21	7082	-34.4	58	287 30	9034	-48.9		
18	4066	-15.1	68	290 11	5417	-24.9	46	293 15	7002	-36.2	A21	287 24	8946	-45.7	289	26
19	4085	-17.9	74	279 13	5427	-25.4	49	293 13	7007	-37.8	45	284 14	8935	-47.2	283	14
20	4097	-16.4	45	252 06	5442	-26.2	47	238 11	7020	-36.7	43	248 12	8960	-49.3	221	10
21	4075	-17.5	74	315 03	5414	-27.5	73	000 00	6978	-39.7	70	195 04	8891	-52.1	205	09
22	4149	-17.6	26	281 06	5480	-30.0	29	270 07	7028	-43.1	26	12 02	8913	-55.7	237	14
23	4216	-19.0	43	211 12	5547	-29.3	A19	218 12	7097	-38.7	68	239 13	8983	-52.3	266	23
24	4231	-15.8	50	211 18	5582	-21.5	55	247 17	7201	-32.7	68	250 30	9157	-46.0	252	36
25	4180	-13.1	A16	294 27	5545	-22.4	A18	275 17	7185	-29.3	A19	260 15	9139	-46.1		
26	4236	-11.1	A16	034 12	5614	-20.1	A17	026 14	7226	-33.0	A20	027 10	9180	-49.6	016	14
27	4238	-11.8	A16	183 06	5609	-20.9	A18	205 05	7219	-35.4	A21	223 04	9169	-50.9	229	03
28	4159	-09.5	70	185 08	5544	-19.0	78	212 14	7167	-30.6	73	220 20	9143	-46.7	236	35
29	3973	-16.0	78	266 12	5321	-25.4	65	273 12	6909	-34.0	38	265 18	8912	-37.0	30	256 14
30	4033	-15.3	36	273 09	5384	-24.8	36	273 11	6967	-36.8	60	283 10	8910	-43.0	261	15
31	4101	-17.5	58	310 12	5447	-25.4	47	280 11	7032	-36.0	58	292 09	8977	-48.0	260	08
MN	4109	-18.1	47	*	5448	-26.8	45	331 08	7024	-37.3	41	334 09	8957	-49.2	30	294 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	11516	-44.9	9		13432	-46.2	2		16121	-47.5			18471	-48.1		
02	11579	-48.0	3		13481	-47.1	1		16164	-47.9			18526	-47.7		
03	11556	-47.3	3		13461	-46.4	4		16192	-47.9			18514	-46.4		
04	11499	-43.3	3		13428	-46.0	0		16121	-47.4			18476	-47.2		
05	11429	-42.0	0		13478	-46.2	6		16095	-45.7			18469	-45.0		
06	11451	-41.7	0		13394	-45.4	8		16058	-45.5			18441	-45.1		
07	11543	-49.0	0		13442	-47.8	0		16113	-47.6			18478	-46.3		
08	11590	-45.0	0	337 15	13519	-46.3	3	338 10	16183	-49.0	001 07	18536	-46.9	025	09	
09	11577	-46.7	0		13486	-47.0	0		16161	-48.9			18508	-48.3		
10	11588	-44.4	4		13508	-46.4	4		16194	-46.6			18570	-44.2		
11	11538	-46.3	3		13493	-45.2	6		16198	-48.4			18502	-45.7		
12	11527	-46.3	035 16	13488	-46.2	035 10	16125	-47.3	318 05	16486	-47.0	038 03	18466	-47.0		
13	11555	-50.2	2		13445	-46.6	6		16132	-45.6			18506	-45.0		
14	11601	-49.5	021 09	13493	-47.2	044 06	16185	-47.6	345 04	18561	-46.9	231 04	18563	-45.8		
15	11642	-53.0	328 13	13522	-48.9	340 08	16195	-48.1	313 06	18631	-47.8	327 05	18644	-47.1		
16	11696	-49.1	301 14	11696	-49.1	301 14	13594	-47.5	318 09	16272	-47.8	313 06	18631	-47.8		
17	11689	-47.1	0		13595	-46.9	9		16282	-47.0			18644	-47.1		
18	11680	-43.0	302 28	13607	-46.5	272 13	16296	-49.2	272 13	16296	-49.2	272 13	18651	-46.2		
19	11711	-40.3	264 12	13639	-47.5	238 10	13558	-45.3	217 11	16249	-47.5	217 07	18643	-48.0		
20	11630	-43.5	5		13558	-45.3	3		16249	-47.5	217 07	18643	-48.0	192	07	
21	11585	-41.3	224 11	13535	-43.0	225 13			16284	-44.8	241 08	18666	-45.0	258	07	
22	11606	-41.3	239 11	13556	-42.6	241 09	16284	-44.8	241 08	18666	-45.0	258 07	18666	-45.0	258	07
23	11672	-44.6	259 12	13672	-44.6	259 12	16296	-46.5	259 12	16296	-46.5	259 12	18662	-47.6	264	04
24	11808	-48.5	271 22	13707	-47.2	275 21	16372	-49.5	274 14	18717	-47.8	258 05	18717	-47.8		
25	11815	-47.1	0		13718	-47.0	0		16396	-48.4			18760	-47.8		
26	11804	-47.5	303 12	13704	-46.6	307 08	16393	-47.1	324 07	18754	-47.0	317 04	18754	-47.0		
27	11784	-46.0	280 06	13685	-46.9	308 08	16367	-47.1	329 06	18725	-48.4	329 04	18725	-48.4		
28	11759	-51.0	232 31	13649	-48.1	232 31	16326	-47.1	329 06	18725	-48.4	329 04	18725	-48.4		
29	11699	-41.3	235 12	13648	-43.6	234 04	16356	-45.9	214 04	18734	-46.2	200 04	18734	-46.2		
30	11663	-39.6	262 07	13621	-41.9	239 05	16331	-45.3	252 06	18733	-44.9	192 03	18733	-44.9		
31	11662	-42.0	288 09	13613	-42.0	279 06	16342	-44.7	275 11	18731	-44.6	264 02	18731	-44.6		
MN	11627	-45.7	*		13544	-45.9	*		16233	-47.2	*		18599	-46.15	*	

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	4092	-22.1	80	351 16	5417	-28.7	73	359 28	6980	-39.2	73	003 32	8904	-50.7		
02	4132	-16.9	47	347 11	5474	-26.9	56	344 12	7041	-40.0	46	338 11	8949	-53.8	340	14
03	4044	-21.4	64	218 11	5366	-29.9	64	217 16	6924	-39.5	31	237 26	8854	-48.3	243	19
04	3906	-26.9	72	329 14	5202	-34.0	65	323 13	6723	-46.3	3	326 13	8655	-42.0	318	13
05	3933	-28.1	74	360 07	5221	-35.2	65	360 08	6742	-44.2	2	359 08	8659	-44.9	360	15
06	4072	-21.4	A18	020 22	5399	-29.1	45	013 37	6952	-40.2			8858	-52.9		
07	4142	-19.5	69	342 09	5482	-27.0	A19	350 13	7047	-40.4	34	344 20	8952	-53.7	348	14
08	4081	-20.6	29	331 16	5406	-29.5	29	332 21	6966	-40.0	34	339 32	8877	-50.8		
09	4054	-20.6	33	001 15	5382	-27.8	A19	351 20	6994	-37						

SACHS HARBOUR, N.W.T.

MAY 1961

STATION INSTRUMENTATION

USWB type radiocane, Metox RDF tracking equipment

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

CONSTANT PRESSURE DATA

00 GMT.

Day	50 MBS				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	20685	-50.3			24011	-51.4										
02	20753	-48.7			24120	-49.6			26763	-51.5						
03	20754	-46.4			24052											
04	20696	-48.2			24093	-47.1										
05	20709	-46.9			24072	-46.2			26761	-47.3						
06	20682	-45.6			24067	-46.5										
07	20705	-48.0			24124											
08	20768	-47.7	019	04	24095	-47.6										
09	20724	-48.0			24215	-46.8										
10	20821	-45.5			24149	-46.0										
11	20744	-47.1			24106	-47.1	038	07								
12	20717	-46.7	060	06	24163	-47.1										
13	20756	-44.8			24221	-45.8										
14	20804	-44.9			24183	-46.8	073	04	26875	-46.2	072	02				
15	20790	-45.7	053	05	24249											
16	20855	-46.5	321	04	24305	-45.7										
17	20872	-45.1			24271	-45.5										
18	20853	-46.6			24243	-45.9										
19	20870	-46.6			24307											
20	20851	-45.9	193	07	24307											
21																
22	20920	-44.0	220	08	24307											
23	20895	-45.4	251	07	24307	-45.2	211	04								
24	20947	-46.1	245	08	24367											
25	20979	-47.6			24383	-46.4	080	06								
26	20986	-46.3	360	03	24362	-45.6	083	03								
27	20952	-46.1	058	02	24353	-45.0										
28	20937	-45.1			24401	-44.9	100	06								
29	20983	-44.9	138	04	24415	-43.4	168	04								
30	20985	-44.3	000	00	24438	-43.1	287	04								
31	20988	-43.4	287	03												
MN	20834	-46.3	*		24227	-46.3	*		26800	-48.3	*					*

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	20677	-50.0			24019	-49.9										
02	20655	-49.3	037	06	23999	-49.7	039	07								
03	20693	-47.0	049	05	24038	-47.7	064	08								
04	20688	-46.5	029	06	24007				26664	-49.1						
05	20641	-48.3			24002	-49.0										
06	20641	-48.3			24090	-46.8	051	04								
07	20708	-47.1	054	05	24051	-49.6										
08	20691	-48.0			24093	-47.1										
09	20705	-46.9														
10																
11	20735	-44.8	041	10	24134	-46.7										
12	20737	-45.9														
13	20712															
14																
15	20750	-47.1	067	05	24123	-47.4	032	03								
16	20774	-47.1	328	04	24156	-47.5										
17	20815	-46.5			24210	-46.7										
18	20851	-45.8			24248	-46.5										
19	20876	-46.0	183	03	24283	-45.1	166	03								
20	20794	-46.1	162	04												
21	20829	-45.9	211	03	24236											
22	20907	-46.0	218	02	24315	-45.5	206	02	27017	-45.9						
23	20964	-46.0			24368	-45.8										
24	20948	-46.0			24338	-46.7										
25	20970	-46.9			24363	-46.2										
26	20904	-46.6	349	03	24305	-45.4	045	04								
27	20893	-46.0	058	04	24299											
28	20959	-42.8			24402	-44.1										
29	20880	-43.7			24293	-45.3	127	02								
30	20928	-45.0	216	06	24345	-45.4	143	02								
31	20933	-44.8	053	04	24345	-45.3										
MN	20801	-46.4	*		24202	-46.8	*		26841	-47.3	*					*

* 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 SYNOPSIS DATA										FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX. WIND LEVEL										
	Day	%C	C	C	C	vw	opp	C	C	C	Lowest		Highest		C	m	C	°A	C	m	C	°A	C	m	deg.	mps.							
											Alt. gpm.	Pres. mb.	Alt. gpm.	Pres. mb.																			
01	40930	02	1	02	0									1	08	72	305	-52	5	310	0					1	08	60	311	007	33		
02	25530	02	8	14	0									2	08	76	309	-51	5	310	0					1	08	80	306	006	45		
03	25770	02	7	18	0									1	09	50	273	-54	5	317	0					5	07	46	374	252	34		
04	864	-	71	8	13	0								1	09	07	288	-51	3	317	0					2	01	21	866	308	09		
05	76300	71	1	09	0									1	07	91	338	-49	0	306	0					1	08	36	316	006	36		
06	00901	37	1	24	0									1	08	81	297	-50	5	315	0					4	07	16	382	026	34		
07	00900	02	8	03	0									1	09	97	255	-57	2	319	0					1	10	66	229	010	44		
08	8091-	03	8	16	0									1	09	20	287	-53	6	314	1	14	83	123	-50	3	405	9	09	20	287	327	31
09	864	-	02	1	03	0								1	09	45	276	-53	4	317	0					3	05	53	492	344	30		
10	25630	36	2	03	0									2	08	45	320	-45	5	316	0					3	05	47	495	020	27		
11	00900	01	2	03	0									2	08	98	294	-48	5	318	0					1	08	39	322	008	46		
12	00900	02	2	05	0									1	09	29	281	-54	6	314	0					9	06	88	405	065	30		
13	3562-	02	7	12	0									1	10	20	247	-57	7	321	0					4	07	40	379	048	37		
14	25400	02	0	02	0									1	10	22	248	-58	7	320	0					7	08	93	303	047	35		
15	15400	02	0	02	0									1	10	52	238	-60	4	320	0					9	09	90	262	316	20		
16	00900	02	8	20	0									1	10	13	253	-56	1	321	0					9	11	30	212	297	15		
17	8097-	03	7	17	0	0	32	971	1	56	832			1	09	58	275	-53	0	318	0					1	08	30	336	281	42		
18	8082-	02	2	17	0									2	08	57	318	-46	8	314	0					6	09	49	267	293	35		
19	863-	10	2	08	0									2	08	48	322	-48	7	310	1	14	70	128	-50	3	401	7	04	66	555	286	15
20	855-	02	7	08	3	1	00	893	1	11	880			1	09	67	268	-54	1	319	0					9	10	61	232	241	15		
21	30978	03	3	03	3	0	42	956	1	19	870			1	09	08	292	-53	3	313	0					1	13	73	146	230	13		
22	854-	02	2	20	0									1	08	94	298	-55	8														

JUNE 1961

STATION INSTRUMENTATION
USWB type radiosonde, Metox RDF tracking equipment

CONSTANT PRESSURE DATA

00 GMT.

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

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 pressure levels.

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

CONSTANT PRESSURE DATA

12 GMT.

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

12 GMT.

CONSTANT PRESSURE 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 pressure levels.

A Statistical Value for Relative Humidity
* Vector Mean Wind
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JUNE 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.

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CONSTANT PRESSURE DATA

Table with columns for Altitude, Temp., R.H., and Wind for pressures 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data for 01 to 30 hours.

Table with columns for Altitude, Temp., R.H., and Wind for pressures 200 MBS, 150 MBS, 100 MBS, and 70 MBS. Includes data for 01 to 30 hours.

CONSTANT PRESSURE DATA

12 GMT.

12 GMT.

CONSTANT PRESSURE DATA

Table with columns for Altitude, Temp., R.H., and Wind for pressures 600 MBS, 500 MBS, 400 MBS, and 300 MBS. Includes data for 01 to 30 hours.

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