

Environment Canada Imaging Cover Page

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METEOROLOGICAL BRANCH - DEPARTMENT OF TRANSPORT - CANADA

ARCTIC SUMMARY

JANUARY TO JUNE 1959



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 1959

TORONTO, ONTARIO

Price 75 cents



STATION LOCATIONS

The location of each station along with some general notes on the terrain in the immediate vicinity is given below. More detailed information may be found in the station Climatological Summaries for each Joint Arctic Weather Station for listing of data prior to 1954. Each of those summaries contains a map of the terrain in the immediate vicinity of the station with contours drawn to 50 foot intervals and diagrams showing the location of building and instruments at the site.

Alert: 82° 30' N 62° 20' W - This station is situated on the west side of Parr Inlet, an extension of Dumbell Bay, on the northeast coast of Ellesmere Island. The buildings are on the edge of a plateau which rises abruptly from the waters of Parr Inlet. It is about three miles to the waters of the Arctic Ocean to the northwest and north, and two miles to the mouth of Dumbell Bay on the northeast. There is a hill reaching an elevation of 400 feet, two miles to the northwest of the station. The plateau extends without interruption one and one half miles to the south and two and one half miles to the west. Beyond this rises a chain of rounded hills, the highest reaching a height of 1650 feet, five and one half miles due south of the station. The terrain continues to rise in the distance to 2500 feet ten miles southwest of the station, while farther inland the rugged peaks of the interior of Ellesmere Island form the western skyline.

Clyde: 70° 27' N 68° 33' W - Clyde is near the head of a small bay extending five miles northward from Clyde Inlet, a deep inlet on the east side of Baffin Island. The observing site is on a gently sloping east shore with the bay two miles wide to the west. There are hills to 400 feet to the east. The surrounding terrain is rugged with hills reaching 2-3000 feet within ten miles of the station.

Eureka: 80° 00' N 85° 56' W - Eureka lies close to the centre of the land mass of Ellesmere and Axel Heiberg Islands. The station is situated on the north shore of Slidre Fiord, three miles from its mouth.

This fiord runs east-southeastward from Eureka Sound and is about seventeen miles long and three miles wide. To the northwest and northeast there are 2000 to 3000 foot hills within seven miles, while to the southwest the land between Eureka Sound and Slidre Fiord reaches an elevation of 2000 feet at a distance of six miles. On the southwest the terrain rises to about 1000 feet within twenty miles and to the crest of a mountain range within forty miles.

Isachsen: 78° 47' N 103° 32' W - Isachsen is located near the head of a broad bay extending thirty miles inland from the west coast of Ellef Ringnes Island. The station proper is on a southeast slope on hilly terrain on the northwest side of a minor indentation near the head of this bay. A ridge to the south of the station projects into the bay to form Sock Point - a long narrow point of land reaching a maximum elevation of 650 feet one mile south of the station. Inland the hills rise to heights of 800 feet three to five miles to the north and northwest of the station, and 500 feet twelve miles to the east.

Mould Bay: 76° 14' N 119° 20' W - Mould Bay is a bay on the southeast coast of Prince Patrick Island extending from Crozier Channel northward about twenty five miles. The station is situated on the east shore of the bay at a point where its width is about three and one half miles. The site lies on a silt and gravel ridge with a river delta to the south, low hills rising to 300 feet a mile to the northwest, and to 550 feet three miles to the east. The terrain of the whole island is low and rolling and everywhere less than 1000 feet in elevation.

Resolute: 74° 43' N 94° 59' W - Resolute Bay is on the south coast of Cornwallis Island. The station of Resolute was originally situated about 500 yards from the shore line but was moved on October 12, 1953 to the Royal Canadian Air Force area at the landing strip about two miles inland. The terrain in the immediate vicinity of present site is level with hills rising to 800 feet about one half mile to the east, and one hill of 600 feet two miles to the south-southwest.

Sachs Harbour: 71° 57' N 124° 44' W - This station is on the north shore of Sachs Harbour on Banks Island. The site is at an elevation of 277 feet on a ridge about one mile from the shore. The terrain rises in a series of benches from the shore to this ridge and falls off more gently to the north. The island is generally below 1000 feet in elevation.

SURFACE DATA

INSTRUMENTATION AND PROCEDURES

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

Height (Feet) of Anemometer Exposure May 1959

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

момeters 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 incorporated 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 this is applied the resultant station pressure is the pressure at the established elevation which is usually the elevation of the barometer when first installed. The following table lists the barometers in use, the elevation, and any change in index error found at inspection.

Station	Barometer Number	Elevation (Feet)		Changes in Index Error at Inspection
		Act.	Est.	
Alert	C-220	218	205	0.3 mb*
Eureka	85/43	8	MSL	0
Isachsen	98/43	97	83	0
Mould Bay	C-345	65	50	0
Resolute	C-358	209	209	
Clyde	C-281	26	MSL	
Sachs Harbour	C-279	277	277	

* A new correction card to compensate for this change was put into use on May 25, 1959.

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 were equipped with a standard M.S.C. type raingauge during 1959 except that the 8 inch U.S.W.B. type raingauges originally installed at Alert and Resolute were replaced by standard M.S.C. gauges in April.

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.

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 from the Joint Arctic Weather Stations have been examined for accuracy and then 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.

UNITS AND SYMBOLS

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

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

A day with blowing snow is a day on which there was an occurrence of blowing snow when the visibility was 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	Thunderstorms

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

The procedures followed by the radiosonde technicians in taking the original radiosonde observations and computing the data from these flights 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 at Clyde and Sachs Harbour. Radiation corrections are incorporated in the original computations for all daylight radiosonde flights according to instructions current at the time of observation.

The data listings in the "Arctic Summary" are obtained by first having the data from the original observations examined for accuracy, then transferred to punched cards which in turn are checked for accuracy and consistency by machine methods in use at the Canadian Climatology Division Headquarters. The calculation of monthly means and the preparation of the data listings used for publication are also done by machine. 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 explan-

ation of the symbols, units, and code figures used, are required for a better understanding of the data.

The time entered for the observations refers to the standard time of observation which on most occasions is within twenty minutes of the time of the radiosonde release. Data from radiosonde releases delayed more than three hours are not included.

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

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

In the Special Aerological Data, "Surface Synoptic Data" is in accord with the International Synoptic Code and refers to the surface weather observed at the time of release of the radiosonde. For details regarding instructions pertaining to this code, the reader is referred to the latest edition of the Manual of Standard Procedures and Practices for Weather Observing and Reporting - "Manobs" - issued by the Meteorological Branch, Department of Transport, Canada. A slight departure from the common form of the code is the use of three columns ppp for recording the amount of the three hourly rise or fall in pressure which permits the listing of tendency amounts of 10.0 mb. or more. The first and second tropopauses are selected according to criteria contained in Resolution 21 of the ninth session of the Executive Committee of the World Meteorological Organization.

SYMBOLS USED

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

the instrument, these "statistical" values are considered as actual values in computing the monthly mean relative humidity.

& indicates that the temperature, relative humidity, or wind data are not available at that level because of a stratum of missing temperature, humidity or 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. For 1959 data, the levels included are 850 mb, 700 mb, 500 mb, 400 mb, 300 mb, 200 mb, 150 mb, 100 mb, 50 mb, and 25 mb.

UNITS USED

Altitude is entered in geopotential meters or geopotential kilometers above m.s.l. An altitude entry for which there is no corresponding temperature entry 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 "shielded" type audio modulated 403 mc. 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.

All stations used either the 403 mc. SCR 658 RDF or Metox RDF tracking equipment to determine the winds aloft. These types of equipment 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 in both instruments readings must be discontinued when the elevation angle decreases to a certain value determined by the surrounding terrain, the minimum being fifteen degrees over a relatively flat surface.

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ROGER DUHAMEL, F.R.S.C.
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1960

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DAILY CLIMATOLOGICAL DATA

ALERT

CLYDE

ALERT											CLYDE													
Temperature (°F)			Precipitation (Inches)			Days with Snow on ground (Inches)			Days with Fog			Temperature (°F)			Precipitation (Inches)			Days with Snow on ground (Inches)			Days with Fog			
Date	Maximum	Minimum	Average	Total	Snow	Snow on ground	Fog	Blowing Snow	2-12 mph	2-19 mph	2-39 mph	Date	Maximum	Minimum	Average	Total	Snow	Snow on ground	Fog	Blowing Snow	2-12 mph	2-19 mph	2-39 mph	
ALERT NWT JANUARY 1959											ALERT NWT MARCH 1959													
01	-36	-45	-41									01	-30	-41	-36									
02	-35	-43	-39									02	-26	-42	-34									
03	-15	-45	-30									03	-15	-35	-25	* T	* T	20						
04	-18	-27	-23	.03	.3	16						04	-18	-26	-22	* T	* T	20						
05	-25	-33	-29		* T	* T	16					05	-21	-30	-26	.01	* T	20						
06	-20	-35	-28		* T	* T	16					06	-25	-34	-30	.01	* T	20						
07	-19	-30	-25		* T	* T	16					07	-26	-37	-32	* T	* T	20						
08	-20	-33	-27		* T	* T	16					08	-17	-39	-28	.05	* T	20						
09	-14	-34	-24		* T	* T	16					09	-17	-28	-23	.09	* T	20						
10	-15	-23	-19									10	-22	-29	-26	.01	* T	21						
11	-10	-25	-18									11	-25	-35	-30	* T	* T	21						
12	-11	-23	-17		* T	* T	16					12	-26	-35	-31			21						
13	-11	-25	-18		* T	* T	16					13	-26	-35	-31	* T	* T	21						
14	-12	-17	-15		* T	* T	16					14	-27	-36	-32	* T	* T	21						
15	-19	-33	-26									15	-28	-37	-33	.08	* T	21						
16	-14	-36	-25									16	-28	-35	-32	.02	* T	22						
17	-12	-31	-22									17	-20	-36	-28	* T	* T	22						
18	-19	-31	-26									18	-22	-31	-27			22						
19	-03	-09	-06	.06	* T	* T	16					19	-26	-38	-32	* T	* T	22						
20	-20	-28	-24		* T	* T	17					20	-17	-37	-27	* T	* T	22						
21	-26	-32	-29		* T	* T	17					21	-20	-31	-26	* T	* T	22						
22	-29	-36	-33									22	-15	-35	-25	* T	* T	22						
23	-25	-41	-33		* T	* T	17					23	-10	-28	-19	.03	* T	22						
24	-27	-35	-31		* T	* T	17					24	-02	-19	-11	.06	* T	22						
25	-05	-19	-12		* T	* T	17					25	-05	-19	-09	.04	* T	22						
26	-15	-24	-22	.01	* T	* T	17					26	-09	-21	-15	.06	* T	22						
27	-23	-39	-31	.01	* T	* T	17					27	-24	-35	-30			22						
28	-24	-39	-30	.03	* T	* T	17					28	-21	-35	-28	* T	* T	22						
29	-20	-30	-25	* T	* T	17						29	-21	-34	-28	* T	* T	22						
30	-19	-34	-27	* T	* T	17						30	-17	-30	-24	* T	* T	22						
31	-24	-34	-29	* T	* T	17						31	-23	-35	-29			22						
SUM	*	*	*	.16	1.6	2	1					SUM	*	*	*	.46	4.6	2						
AVG	-18	-32	-25									AVG	-20	-33	-27									
EXT	19	-45		.06	0.6							EXT	-02	-42		.09	0.9							
ALERT NWT FEBRUARY 1959											ALERT NWT APRIL 1959													
01	-27	-35	-31	.05	.5	17						01	-23	-42	-33	.02	* T	14						
02	-25	-37	-31	* T	* T	17						02	-18	-26	-22	.02	* T	14						
03	-25	-38	-32			17						03	-18	-31	-25			14						
04	-15	-35	-25			17						04	-12	-31	-22	.09	* T	14						
05	-12	-31	-22	.03	.3	17						05	-06	-22	-14	.01	* T	14						
06	-20	-27	-24	* T	* T	17						06	-12	-18	-15	* T	* T	14						
07	-23	-27	-25	.01	* T	17						07	02	-19	-09	* T	* T	14						
08	-30	-35	-33	.04	* T	17						08	-01	-10	-06	.01	* T	14						
09	-33	-46	-40	* T	* T	18						09	-10	-21	-16			14						
10	-25	-40	-33	.01	* T	18						10	-04	-22	-13			14						
11	-29	-38	-34	* T	* T	18						11	12	-17	-03			14						
12	-31	-44	-38	* T	* T	18						12	13	-02	-06			14						
13	-25	-43	-35	* T	* T	18						13	-01	-11	-06			14						
14	-21	-37	-29	1.0	1.0	18						14	-03	-13	-08	* T	* T	14						
15	-16	-25	-21	.07	* T	19						15	-03	-14	-09	.01	* T	14						
16	-12	-26	-19	.03	* T	19						16	11	-16	-03			14						
17	-08	-25	-17	* T	* T	20						17	08	-04	-02	.03	* T	14						
18	-14	-24	-19	.02	* T	20						18	00	-11	-06			14						
19	-06	-24	-15	* T	* T	20						19	-06	-13	-10			14						
20	-05	-14	-10	* T	* T	20						20	-06	-17	-12			14						
21	03	-20	-09			20						21	-11	-23	-17			14						
22	-08	-18	-13	.01	* T	20						22	-11	-22	-17	* T	* T	14						
23	-17	-28	-23	* T	* T	20						23	-12	-25	-19	* T	* T	14						
24	-20	-34	-27	.01	* T	20						24	04	-19	-08	* T	* T	14						
25	-25	-33	-29	* T	* T	20						25	17	-09	09			14						
26	-33	-40	-37	* T	* T	20						26	33	-40	-37			14						
27	-36	-44	-40			20						27	19	00	10			14						
28	-31	-45	-38			20						28	07	-03	02			14						
SUM	*	*	*	.38	3.8	6	6	3				SUM	*	*	*	.21	2.1	1	9	5	3			
AVG	-20	-33	-27									AVG	-01	-16	-09									
EXT	03	-46		.10	1.0							EXT	21	-42		.09	0.9							
ALERT NWT MAY 1959											CLYDE NWT JANUARY 1959													
01	11	-04	04									01	12	-12	00									
02	08	-07	01									02	19	-09	05									
03	16	-05	06									03	05	-02	02									
04	08	-08	00									04	02	-05	-02									
05	06	-06	00									05	10	-05	03									
06	09	-04	03									06	03	-07	-02									
07	06	-02	02									07	06	-12	-09									
08	10	-02	04									08	00	-14	-07									
09	05	-01	02	* T	* T	14						09	04	-04	00									
10	07	01	04	* T	* T	13						10	04	01	03	.03	* T	14						
11	13	01	07	* T	* T	13						11	-03	-10	-07									
12	12	-02	05	* T	* T	13						12	15	-27	-21									
13	14	06	10			13						13	-17	-26	-22									
14	16	05	11			13						14	-13	-25	-19									
15	13	06	10	* T	* T	13						15	-11	-23	-17									
16	10	05	08	.02	* T	13						16	-07	-22	-15									
17	16	02	09			13						17	-01	-18	-10	.27	2.7	14						
18	17	02	10			13																		

DAILY CLIMATOLOGICAL DATA

EUREKA

Date	Temperature (°F)			Precipitation (Inches)		Days with			
	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Fog	Blowing Snow 2-12 mph 2-39 mph	Wind 2-12 mph 2-39 mph

Date	Temperature (°F)			Precipitation (Inches)		Days with			
	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Fog	Blowing Snow 2-12 mph 2-39 mph	Wind 2-12 mph 2-39 mph

Date	Temperature (°F)			Precipitation (Inches)		Days with			
	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Fog	Blowing Snow 2-12 mph 2-39 mph	Wind 2-12 mph 2-39 mph

ISACHSEN

Date	Temperature (°F)			Precipitation (Inches)		Days with			
	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Fog	Blowing Snow 2-12 mph 2-39 mph	Wind 2-12 mph 2-39 mph

Date	Temperature (°F)			Precipitation (Inches)		Days with			
	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Fog	Blowing Snow 2-12 mph 2-39 mph	Wind 2-12 mph 2-39 mph

EUREKA NWT
JANUARY 1959

01	-29	-45	-37	.0	T	T	7		
02	-27	-41	-34	.0	T	T	7		
03	-45	-48	-47	.0	T	T	7		
04	-41	-48	-45	.0	T	T	7		
05	-28	-44	-36	.0	T	T	7		
06	-08	-42	-25	.0	T	T	7		
07	02	-24	-11	.0	T	T	7		
08	11	-17	-03	.0	T	T	7		
09	03	-18	-08	.0	T	T	7		
10	-01	-14	-08	.0	T	T	7		
11	00	-20	-10	.0	T	T	7		
12	-14	-20	-21	.0	T	T	7		
13	-22	-31	-27	.0	T	T	7		
14	-20	-32	-26	.0	T	T	7		
15	-31	-36	-34	.0	T	T	7		
16	-33	-39	-36	.0	T	T	7		
17	-30	-44	-37	.0	T	T	7		
18	-05	-37	-21	.03	.3	7			
19	02	-22	-10	.08	.3	7			
20	05	-08	-02	.03	.3	8			
21	-05	-14	-10	.0	T	T	8		
22	-25	-34	-30	.0	T	T	8		
23	-12	-33	-23	.0	T	T	8		
24	-14	-26	-20	.0	T	T	8		
25	-22	-41	-32	.0	T	T	8		
26	-14	-37	-26	.0	T	T	8		
27	-22	-31	-27	.0	T	T	8		
28	-23	-37	-30	.0	T	T	8		
29	-31	-42	-37	.0	T	T	8		
30	-39	-46	-43	.0	T	T	8		
31	-40	-48	-44	.0	T	T	8		
SUM	*	*	*	.14	1.4				
AVG	-18	-33	-26						
EXT	11	-48		.08	0.8				

EUREKA NWT
MARCH 1959

01	-30	-48	-39	.0	T	T	8	1	
02	-41	-50	-46	.0	T	T	8		
03	-26	-51	-39	.01	.1	8			
04	-25	-30	-28	.0	T	T	8	1	
05	-22	-27	-25	.0	T	T	8		
06	-36	-43	-40	.0	T	T	8		
07	-42	-46	-44	.0	T	T	8		
08	-42	-49	-46	.0	T	T	8		
09	-38	-47	-43	.0	T	T	8		
10	-38	-44	-41	.0	T	T	8		
11	-42	-46	-44	.0	T	T	8		
12	-36	-46	-41	.0	T	T	8		
13	-34	-41	-38	.0	T	T	8		
14	-36	-41	-39	.0	T	T	8		
15	-44	-52	-48	.0	T	T	8		
16	-43	-50	-47	.0	T	T	8		
17	-38	-50	-44	.0	T	T	8		
18	-32	-42	-37	.0	T	T	8		
19	-36	-45	-41	.0	T	T	8		
20	-40	-52	-46	.0	T	T	8		
21	-37	-46	-42	.0	T	T	8		
22	-39	-48	-44	.0	T	T	8		
23	-32	-44	-38	.0	T	T	8		
24	-28	-39	-34	.0	T	T	8		
25	-29	-35	-32	.0	T	T	8		
26	-26	-38	-32	.0	T	T	8		
27	-28	-42	-35	.0	T	T	8		
28	-32	-38	-35	.0	T	T	8		
29	-37	-47	-42	.0	T	T	8		
30	-30	-41	-36	.0	T	T	8		
31	-32	-41	-37	.0	T	T	8		
SUM	*	*	*	.01	0.1				
AVG	-35	-44	-39						
EXT	-22	-52		.01	0.1				

EUREKA NWT
MAY 1959

01	-05	-09	-02	.0	T	T	8		
02	-41	-50	-46	.03	.3	8			
03	01	-09	-04	.0	T	T	8		
04	06	-16	-09	.0	T	T	8		
05	01	-13	-06	.0	T	T	8		
06	06	-11	-03	.0	T	T	8		
07	04	-08	-02	.0	T	T	8		
08	08	-09	-01	.0	T	T	8		
09	06	-07	-01	.0	T	T	8		
10	10	-05	03	.0	T	T	8		
11	10	04	07	.0	T	T	8		
12	09	01	05	.0	T	T	8		
13	11	01	06	.0	T	T	8		
14	13	02	08	.0	T	T	8		
15	13	07	10	.0	T	T	8		
16	19	00	10	.0	T	T	8		
17	08	-06	01	.0	T	T	8		
18	09	-04	03	.0	T	T	8		
19	16	00	08	.0	T	T	8		
20	17	12	15	.0	T	T	8		
21	22	06	14	.0	T	T	8		
22	22	05	14	.0	T	T	8		
23	26	10	18	.0	T	T	8		
24	24	09	17	.0	T	T	8		
25	25	07	16	.0	T	T	8		
26	24	06	15	.0	T	T	8		
27	28	08	18	.0	T	T	8		
28	25	13	19	.0	T	T	8		
29	31	14	23	.0	T	T	8		
30	29	21	25	.10	1.0	7			
31	29	23	26	.0	T	T	8		
SUM	*	*	*	.13	1.3				
AVG	15	01	08						
EXT	31	-16		.10	1.0				

ISACHSEN NWT
JANUARY 1959

01	-51	-59	-55	.0	T	T	6		
02	-51	-59	-55	.0	T	T	6		
03	-37	-58	-48	.0	T	T	6		
04	15	-50	-33	.0	T	T	6	1 1 1	
05	-26	-39	-33	.0	T	T	6	1 1 1	
06	-18	-41	-30	.0	T	T	6	1	
07	11	-25	-18	.0	T	T	6	1	
08	-27	-36	-32	.0	T	T	6	1	
09	-16	-40	-28	.0	T	T	6	1 1 1	
10	-05	-37	-21	.0	T	T	6	1 1 1	
11	-13	-26	-20	.0	T	T	6	1	
12	-16	-28	-22	.0	T	T	6	1	
13	-14	-26	-20	.0	T	T	6	1	
14	-21	-31	-26	.0	T	T	6	1	
15	-26	-38	-32	.0	T	T	6	1	
16	-27	-39	-33	.0	T	T	6	1	
17	-07	-32	-20	.0	T	T	6	1	
18	-08	-20	-14	.0	T	T	6	1	
19	-10	-23	-17	.0	T	T	6	1 1 1	
20	-10	-17	-14	.0	T	T	6	1 1 1	
21	-13	-24	-19	.0	T	T	6	1 1 1	
22	-13	-27	-20	.0	T	T	6	1	
23	-11	-33	-22	.0	T	T	6	1 1 1	
24	-16	-22	-19	.0	T	T	6	1 1 1	
25	-18	-28	-23	.0	T	T	6	1 1 1	
26	-15	-29	-22	.0	T	T	6	1 1 1	
27	-24	-38	-31	.0	T	T	6	1 1 1	
28	-18	-30	-24	.0	T	T	6	1 1 1	
29	-24	-34	-29	.0	T	T	6	1	
30	-29	-36	-33	.0	T	T	6	1	
31	-33	-40	-37	.0	T	T	6	1 1	
SUM	*	*	*	.0	T	T	6	11712	9
AVG	-20	-34	-27						
EXT	-05	-59		.0	T	T			

ISACHSEN NWT
MARCH 1959

01	-31	-38	-35	.0	T	T	7		
02	-39	-50	-45	.0	T	T	7		
03	-18	-50	-34	.02	.2	7			
04	-17	-28	-23	.0	T	T	7	1	
05	-21	-31	-26	.0	T	T	7		
06	-20	-30	-25	.0	T	T	7	1	
07	-18	-27	-23	.0	T	T	7	1	
08	-28	-34	-31	.0	T	T	7	1	
09	-27	-38	-33	.0	T	T	7	1	
10	-25	-33	-29	.0	T	T	7	1	
11	-30	-33	-32	.0	T	T	7	1	
12	-35	-40	-38	.0	T	T	7	1	
13	-37	-45	-41	.0	T	T	7	1	
14	-36	-44	-40	.0	T	T	7	1	
15	-39	-45	-42	.0	T	T	7	1	
16	-37	-45	-41	.0	T	T	7	1	
17	-34	-45	-40	.0	T	T	7	1	
18	-23	-39	-31	.01	.1	7			
19	-24	-32	-28	.0	T	T	7	1	
20	-24	-39	-32	.0	T	T	7	1	
21	-20	-35	-28	.0	T	T	7	1	
22	-28	-38	-33	.0	T	T	7	1	
23	-23	-39	-31	.0	T	T	7	1	
24	-17	-31	-25	.0	T	T	7	1	
25	-16	-27	-22	.0	T	T	7	1	
26	-21	-28	-25	.0	T	T	7	1	
27	-16	-30	-23	.01	.1	7			
28	-18	-29	-24	.0	T	T	7	1	
29	-25	-36	-31	.0	T	T	7	1	
30	-29	-41	-35	.0	T	T	7	1	
31	-25	-36	-31	.0	T	T	7	1	
SUM	*	*	*	.04	0.4				
AVG	-26	-37	-31						

DAILY CLIMATOLOGICAL DATA

SACHS HARBOUR

Date	Temperature (°F)		Precipitation (Inches)		Days with Snow on ground (Inches)		Days with	
	Maximum	Minimum	Total	Average	Blowing Snow	Wind	Blowing Snow	Wind
SACHS HARBOUR NMT JANUARY 1959								
01	-22	-36	-29		8			
02	-21	-32	-27		8			
03	-29	-45	-27		8	1		
04	-05	-42	-24		8	1 1 1		
05	01	-21	-10		8	1 1 1		
06	-09	-16	-13		8	1		
07	-09	-20	-15		8			
08	-17	-26	-22		8			
09	-11	-26	-19		8			
10	-09	-22	-16		8			
11	-08	-23	-16		8			
12	-13	-25	-19		8	1		
13	-12	-25	-19		8	1 1		
14	-17	-27	-22		8			
15	-14	-27	-21		8			
16	-17	-25	-21		8			
17	-20	-25	-23		8			
18	-22	-31	-27		8	1		
19	-25	-31	-28		8	1		
20	-10	-31	-21		8	1 1 1		
21	-11	-23	-17		8	1 1		
22	-22	-30	-26		8	1 1 1		
23	-14	-27	-21		8			
24	-11	-26	-19		8	1		
25	-05	-26	-16	.02	8	1		
26	-08	-15	-12		8			
27	-19	-29	-24		8			
28	-10	-29	-20		8			
29	-13	-24	-19		8			
30	-12	-22	-17		8			
31	-16	-30	-23		8			
SUM	*	*	*	.02	0.2	12	6	4
AVG	-14	-27	-21					
EXT	01	-45		.02	0.2			
SACHS HARBOUR NMT MARCH 1959								
01	-27	-35	-03		10			
02	-27	-40	-34		10			
03	-16	-38	-27		10			
04	-08	-27	-18		10			
05	-07	-16	-12	.04	10			
06	-23	-30	-27		10			
07	-14	-30	-22	.01	10			
08	-14	-23	-16	* T	10			
09	-07	-30	-30	.01	11			
10	-27	-32	-30	* T	11			
11	-28	-39	-34		11			
12	-28	-34	-31		11			
13	-21	-39	-30		11	1		
14	-27	-32	-30		11			
15	-26	-35	-31		11			
16	-22	-32	-27		11			
17	-23	-27	-25		11			
18	-20	-28	-24		11			
19	-22	-34	-28		11			
20	-14	-31	-23		11	1		
21	-03	-25	-14		11			
22	-04	-09	-07		11			
23	-05	-16	-11	* T	11			
24	-13	-21	-17		11			
25	-15	-28	-22		11			
26	-11	-26	-18		11			
27	-04	-22	-13		11			
28	-04	-09	-07	.01	11			
29	-05	-16	-11	* T	11			
30	-16	-25	-21		11			
31	-12	-30	-21		11			
SUM	*	*	*	.07	0.7	2		
AVG	-17	-28	-22					
EXT	-03	-40		.04	0.4			
SACHS HARBOUR NMT MAY 1959								
01	01	-11	-05		13			
02	02	-07	-03		13			
03	03	-10	-04		13			
04	13	-01	06		13			
05	18	-02	08		13			
06	20	03	12		12			
07	20	06	13	* T	12			
08	19	07	13	.02	12			
09	17	07	12	.01	12	1		
10	10	-05	03	.04	12	1		
11	14	08	11	.01	13			
12	25	08	17		13	1		
13	25	19	22		13	1		
14	26	14	25		13			
15	26	12	19		12			
16	28	16	22		12	1		
17	26	17	22		11			
18	24	22	23		11	1		
19	28	23	24		11	1		
20	21	14	18		10	1		
21	20	14	17		10	1		
22	17	12	15	.01	10			
23	23	14	19	* T	10			
24	18	11	15	.03	10			
25	19	10	15		10	1		
26	22	13	19	.01	10	1		
27	18	4	16	.03	10	1		
28	18	13	16	.02	10			
29	23	05	14	.01	11			
30	22	17	20	.01	11			
31	26	19	23		11	1		
SUM	*	*	*	.20	2.0	12		
AVG	19	09	14					
EXT	36	-11		.04	0.4			
SACHS HARBOUR NMT FEBRUARY 1959								
01	-30	-35	-33		8			
02	-24	-35	-30		8			
03	-24	-33	-29		8			
04	-13	-30	-22		8			
05	-13	-30	-22		8			
06	-09	-27	-18		8			
07	-16	-28	-22		8			
08	-10	-24	-17		8			
09	-17	-30	-24		8			
10	-15	-29	-22		8	1		
11	-14	-25	-20		8			
12	-19	-29	-24		8			
13	-10	-25	-18	.02	8	1		
14	-06	-17	-12	* T	8			
15	-10	-24	-17		8			
16	-06	-27	-17		8	1		
17	-01	-22	-12		8			
18	01	-07	-03		8			
19	00	-07	-04		8			
20	-03	-06	-05	.04	9			
21	-01	-07	-04	.04	9			
22	00	-12	-06	.05	9			
23	-11	-24	-18	.01	10			
24	-24	-28	-26		10			
25	-28	-35	-32		10			
26	-26	-32	-29		10			
27	-17	-29	-23		10			
28	-19	-30	-25		10			
SUM	*	*	*	.16	1.6	3		
AVG	-13	-25	-19					
EXT	01	-35		.05	0.5			
SACHS HARBOUR NMT APRIL 1959								
01	-07	-28	-18		11			
02	05	-18	-07		11			
03	04	-09	-03		11			
04	-01	-16	-09		11			
05	-04	-21	-13		11			
06	-03	-14	-09	* T	11			
07	-02	-09	-06		11			
08	14	-11	02		11	1		
09	23	10	17		11			
10	17	09	13	.04	11			
11	07	02	05		12			
12	12	01	07	.02	12	1		
13	-11	-19	-18		13			
14	-09	-22	-16	.01	12			
15	-08	-20	-14		12			
16	06	-15	-05	.02	12			
17	10	00	05	.01	12	1		
18	02	-10	-04	.04	12	1 1 1		
19	08	01	05	.01	13			
20	07	-08	-01	* T	13			
21	-03	-11	-07		13			
22	04	-18	-11		13			
23	-00	-12	-06		13			
24	08	-06	01		13			
25	-03	-15	-09		13			
26	-02	-18	-10		13			
27	02	-07	-03		13			
28	03	-06	-02	.01	13			
29	-04	-10	-07		13			
30	-02	-11	-07		13			
SUM	*	*	*	.16	1.6	13	1	1
AVG	02	-10	-04					
EXT	23	-28		.04	0.4			
SACHS HARBOUR NMT JUNE 1959								
01	21	19	20	* T	11	1		
02	25	17	21		11	1		
03	26	22	24		11			
04	27	19	23		11			
05	36	20	28	.01	10			
06	25	19	22	* T	9			
07	28	22	25	.03	9			
08	28	17	23	.01	9	1		
09	30	21	26	* T	8			
10	31	21	26		8			
11	33	27	30		8	1		
12	37	27	32	.05	7	1		
13	34	31	33	.07	6	1		
14	33	27	30	.03	6	1		
15	34	28	31		6			
16	32	24	28		6	1		
17	34	30	32		6			
18	34	30	32		6			
19	42	30	36		5			
20	43	34	39		5			
21	39	32	36		5			
22	34	30	32		5	1		
23	36	30	33		4	1		
24	43	35	39		4			
25	43	36	40		4			
26	41	34	38		3			
27	44	35	40		2			
28	44	35	40		2			
29	48	41	45		1			
30	49	37	43		1			
SUM	*	*	*	.20	1.4	9		
AVG	35	28	31					
EXT	49	17		.07				

SYNOPTIC OBSERVATIONS

ALERT

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NWT
JANUARY 1959 0100 EST

01 UNL 15	1017.3 C	00	+40	0						
02 UNL 15	1028.2 C	00	-37	0						
03 UNL 15	1036.1 C	00	-41	0						
04 UNL 15	1044.6 W	05	-26	-26	-36	0				
05 030 03	S-	1042.4 NW	04	-22	-22	-27	0			
06 UNL 04	IC	1048.8 NW	05	-34	-34	-40	0			
07 025 08	IC	1049.8 C	00	-28	-29	-33	8			
08 UNL 08	S-	1051.5 WNW	05	-20	-20	-29	10			
09 UNL 04	SG-	1046.9 W	07	-28	-28	-34	8			
10 UNL 15		1038.7 NW	10	-16	-16	-23	0			
11 UNL 15		1038.0 C	00	-17	-17	-23	0			
12 UNL 15		1026.4 C	00	-13	-13	-23	0			
13 018 15		1020.1 W	03	-18	-18	-24	10			
14 009 08	S-	1024.3 NW	08	-13	-13	-18	10			
15 UNL 10	S-	1030.2 C	00	-22	-22	-31	10			
16 UNL 15		1034.4 C	00	-29	-29	-38	1			
17 UNL 15		1038.4 C	00	-20	-20	-28	0			
18 UNL 15		1031.1 C	00	-17	-17	-27	5			
19 050 15		1013.8 N	08	-04	-04	-09	10			
20 050 15		1030.0 C	00	-16	-17	-24	10			
21 UNL 12	S-	1031.3 C	00	-26	-26	-32	8			
22 UNL 15		1032.2 NW	10	-29	-29	-38	10			
23 150 15		1031.8 N	05	-31	-31	-40	8			
24 UNL 05	SG-	1021.9 NW	13	-32	-32	-42	5			
25 018 04	S-	1007.7 C	00	-31	-31	-40	10			
26 140 15		1002.3 WNW	08	-17	-17	-23	10			
27 UNL 15		1016.1 W	06	-28	-28	-34	0			
28 005 00	3/4ICIF	1012.8 N	07	-29	-29	-35	10			
29 UNL 15		1007.4 C	00	-27	-27	-37	4			
30 UNL 10	SG-	1015.8 C	00	-25	-25	-35	4			
31 070 08	S-	1012.5 NW	07	-24	-24	-34	10			
AVG		1028.4	04	-25	-25	-30	06			

ALERT NWT
JANUARY 1959 0400 EST

01 UNL 15	1018.6 C	00	-41	0						
02 UNL 15	1028.4 C	00	-39	0						
03 UNL 15	1036.0 W	02	-38	0						
04 UNL 15	1044.8 C	05	-23	-23	-32	0				
05 040 08	S-	1044.1 NW	08	-25	-25	-33	10			
06 025 04	S-	1048.8 N	05	-29	-29	-35	10			
07 025 08	IC	1050.3 C	00	-22	-22	-30	10			
08 UNL 08	IC	1052.7 C	00	-25	-26	-36	0			
09 UNL 08	SG-	1044.6 W	07	-31	-31	-40	10			
10 UNL 15		1039.2 NW	12	-17	-18	-25	0			
11 UNL 15		1038.2 C	00	-17	-19	-27	0			
12 UNL 15		1024.9 W	03	-19	-19	-27	0			
13 020 10	S-	1020.3 W	05	-16	-16	-22	10			
14 012 08	S-	1026.1 W	05	-13	-13	-19	10			
15 UNL 15		1030.7 W	05	-30	-30	-38	0			
16 UNL 15		1036.7 W	06	-24	-24	-32	2			
17 UNL 15		1038.0 WNW	08	-25	-25	-36	1			
18 UNL 15		1030.1 W	02	-21	-21	-30	5			
19 030 15		1013.7 W	06	-04	-04	-09	10			
20 050 15		1031.9 C	00	-19	-19	-27	10			
21 100 12	IC	1031.0 WNW	11	-27	-27	-33	10			
22 UNL 15		1032.8 C	00	-31	-31	-40	6			
23 150 15		1030.3 C	00	-32	-32	-42	9			
24 020 01	1/2SG-	1020.6 WNW	18	-30	-30	-38	10			
25 018 05	S-	1007.7 C	00	-31	-31	-40	10			
26 050 05	S-	1004.0 N	10	-16	-16	-24	10			
27 UNL 12	S-	1017.4 W	08	-29	-29	-40	5			
28 005 00	3/4ICIF	1013.7 NW	02	-28	-28	-34	10			
29 UNL 15		1007.5 C	00	-25	-25	-36	6			
30 UNL 10	SG-	1015.8 C	00	-29	-30	-41	4			
31 070 08	IC	1012.1 C	00	-26	-27	-37	10			
AVG		1028.8	04	-25	-25	-32	05			

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NWT
JANUARY 1959 0700 EST

01 UNL 15	1020.5 C	00	+42	0						
02 UNL 15	1028.4 C	00	-36	0						
03 UNL 15	1037.5 C	00	-35	0						
04 UNL 15	1044.2 W	03	-25	-25	-35	0				
05 UNL 05	IC	1045.1 WNW	08	-26	-26	-32	0			
06 UNL 05	IC	1049.2 N	07	-26	-26	-32	0			
07 UNL 08	IC	1050.1 C	00	-21	-21	-28	8			
08 UNL 15		1053.2 SW	05	-31	-31	-37	0			
09 UNL 12	IC	1042.0 W	05	-32	-32	-42	0			
10 UNL 15		1040.1 WNW	08	-19	-20	-30	0			
11 UNL 15		1037.5 W	05	-21	-21	-30	0			
12 UNL 15		1023.0 W	04	-19	-19	-29	0			
13 030 10	S-	1020.8 NW	07	-13	-13	-18	10			
14 012 08	S-	1027.4 NW	10	-13	-13	-19	10			
15 UNL 15		1030.2 C	00	-26	-27	-37	0			
16 UNL 15		1038.5 NW	02	-19	-19	-28	6			
17 UNL 15		1037.3 C	00	-25	-25	-36	1			
18 UNL 15		1028.2 C	00	-23	-23	-32	5			
19 060 15		1014.8 NE	04	-04	-04	-09	10			
20 050 15		1033.3 N	03	-20	-20	-29	10			
21 100 12	IC	1030.8 WNW	13	-29	-29	-39	8			
22 UNL 15		1033.0 WNW	02	-30	-30	-38	6			
23 150 15		1029.0 W	06	-32	-32	-42	9			
24 020 01	1/2IC	1018.5 WNW	14	-35	-35	-42	10			
25 UNL 15	IC	1008.3 W	08	-36	-36	-46	0			
26 050 06	S-	1005.6 C	00	-17	-17	-25	8			
27 020 10	S-	1017.1 W	10	-26	-27	-37	10			
28 070 06	IC	1016.4 W	03	-28	-28	-39	10			
29 UNL 15		1008.3 C	00	-26	-27	-37	4			
30 UNL 15		1016.2 C	00	-29	-30	-41	0			
31 070 06	SG-	1011.3 WNW	06	-26	-26	-34	10			
AVG		1028.8	04	-25	-25	-31	04			

ALERT NWT
JANUARY 1959 1000 EST

01 UNL 15	1022.7 C	00	+42	0						
02 UNL 15	1028.8 C	00	-37	0						
03 UNL 15	1038.6 C	00	-34	0						
04 030 15	S-	1043.9 NW	07	-21	-21	-28	10			
05 UNL 02	IC	1045.5 SW	06	-29	-29	-35	0			
06 UNL 05	IC	1049.1 NW	03	-31	-31	-37	0			
07 025 06	S-	1049.9 W	06	-23	-23	-29	10			
08 UNL 15		1053.2 W	02	-29	-29	-34	0			
09 UNL 15	IC	1038.9 W	03	-27	-27	-33	0			
10 UNL 15		1039.3 N	02	-20	-20	-31	0			
11 UNL 15		1035.6 W	06	-23	-23	-34	0			
12 UNL 15		1021.5 C	00	-20	-20	-28	0			
13 017 08	S-	1021.3 W	05	-13	-13	-18	10			
14 016 08	S-	1028.5 WSW	06	-14	-14	-19	10			
15 UNL 15		1029.5 C	00	-31	-31	-40	1			
16 UNL 15		1040.4 W	05	-24	-24	-34	10			
17 UNL 15		1036.2 C	00	-24	-24	-34	1			
18 UNL 15		1025.5 W	03	03	03	01	1			
19 070 15		1016.8 NE	07	-05	-05	-11	10			
20 UNL 15		1033.5 C	00	-23	-23	-32	4			
21 100 15		1030.9 W	09	-29	-30	-38	10			
22 UNL 15		1033.3 W	05	-32	-32	-42	1			
23 UNL 15		1028.1 C	00	-30	-30	-38	10			
24 UNL 03	IC	1015.6 WNW	10	-32	-32	-38	10			
25 UNL 15	IC	1008.7 W	05	-37	-37	-46	0			
26 030 04	S-	1006.9 SW	03	-16	-16	-23	10			
27 025 10	S-	1015.7 W	05	-26	-26	-34	10			
28 050 08	S-	1013.4 C	00	-28	-28	-36	10			
29 040 08	S-	1009.1 W	02	-25	-25	-33	10			
30 UNL 15		1015.6 C	00	-28	-28	-39	0			
31 UNL 12	SG-	1010.3 W	07	-28	-29	-39	1			
AVG		1028.6	03	-25	-25	-31	05			

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NWT
JANUARY 1959 1300 EST

01 UNL 15	1024.3 C	00	+39	0						
02 UNL 15	1028.9 C	00	-40	0						
03 UNL 00	1/2BS	1038.9 WSW	20	-21	-21	-28	0			
04 030 08	S-	1044.1 W	03	-23	-23	-31	10			
05 UNL 05	IC	1045.2 C	00	-29	-29	-35	0			
06 037 02	IC	1049.0 C	00	-26	-26	-32	10			
07 010 06	S-	1049.9 W	06	-23	-23	-29	9			
08 UNL 15		1052.4 WNW	03	-26	-26	-32	0			
09 UNL 10	IC	1036.7 NW	15	-16	-16	-23	0			
10 UNL 15		1038.2 NW	17	-16	-16	-22	0			
11 UNL 15		1039.0 C	00	-17	-17	-23	0			
12 UNL 15		1019.6 C	00	-13	-14	-25	0			
13 009 06	S-	1021.3 W	03	-12	-12	-17				

SYNOPTIC OBSERVATIONS

ALERT

Date	Ceiling (100's ft)	Visibility (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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ALERT NWT
FEBRUARY 1959-0100 EST

01 UNL 01	IC BS	1007.8	NNW	15	-28	-29	-39	0
02 015 02	IC	997.2	NNW	13	-31	-31	-40	10
03 UNL 15		997.9	W	08	-35			0
04 UNL 15		1020.2	W	08	-30	-30	-42	0
05 020 00	3/4BS	1009.2	NNW	21	-22	-22	-31	10
06 040 00	S-	1004.8	C	00	-18	-18	-26	7
07 040 04	S-	1002.2	MNW	15	-24	-25	-34	10
08 020 01	SG-	1003.3	N	06	-26	-26	-37	10
09 UNL 12	IC	1012.4	C	00	+40			0
10 UNL 00	1/2IC BS	1003.7	NW	33	-36			6
11 030 05	S-	1003.2	C	00	-27	-27	-35	10
12 UNL 10	SG-	1006.7	W	07	-36			0
13 UNL 15		1007.7	W	04	-37			0
14 UNL 15		991.9	W	10	-36			0
15 040 02	S-	995.9	C	00	-23	-23	-33	10
16 050 06	S-	1001.7	C	00	-20	-20	-29	10
17 UNL 00	BS	1000.9	WSW	36	-16	-16	-24	8
18 050 05	S-	999.8	NW	10	-32	-33	-39	10
19 080 08	S-	1006.5	WSW	07	-21	-21	-28	10
20 UNL 00	1/2BS	1015.6	WSW	38	-08	-08	-15	5
21 UNL 15		1017.5	SW	12	-12	-12	-20	0
22 100 03	BS	991.7	SW	32	02	02	-04	10
23 100 08	S-	991.6	SW	03	-16	-16	-24	10
24 UNL 15	S-	1004.4	C	05	-19	-19	-26	10
25 100 08	S-	991.6	C	00	-23	-23	-30	10
26 UNL 15		994.1	W	07	-32	-32	-42	0
27 UNL 06	IC	999.6	C	00	-36			0
28 UNL 15		1000.9	C	00	-37			0

AVG 1002.8 10 -25 05

ALERT NWT
FEBRUARY 1959 0400 EST

01 UNL 00	3/4IC BS	1009.0	N	20	-34	-34	-43	0
02 015 02	IC	994.5	NW	12	-28	-28	-36	6
03 UNL 15		999.9	W	05	-35	-35	-49	0
04 UNL 15		1021.6	W	08	-31	-32	-44	0
05 005 00	1/4BS	1008.5	NNW	27	-18	-18	-26	10
06 035 08	S-	1004.0	C	05	-18	-18	-26	10
07 040 00	1/2S-BS	1001.4	NNW	28	-23	-23	-33	10
08 040 03	S-	1005.5	SE	03	-30	-30	-38	10
09 UNL 12	IC	1011.7	C	00	+40			0
10 000 00	BS	1000.7	NW	38	-33	-33	-39	10
11 UNL 15		1003.1	C	00	-29	-29	-41	0
12 UNL 08	IC	1007.7	W	09	-40			0
13 017 08	S-	1005.8	W	12	-37			10
14 040 10	S-	993.0	C	00	-30	-30	-39	10
15 040 02	S-	998.1	C	00	-21	-22	-30	10
16 050 06	S-	1001.7	C	00	-21	-21	-28	10
17 000 00	BS	1001.2	SW	38	-13	-13	-20	10
18 070 15	S-	999.8	SE	03	-13	-14	-22	10
19 UNL 10	S-	1007.8	C	00	-18	-19	-26	10
20 080 01	BS	1018.4	SW	30	-07	-07	-13	10
21 UNL 15		1014.0	WSW	20	-10	-10	-16	0
22 100 03	BS	989.5	SW	30	01	01	-04	10
23 UNL 10	S-	994.5	C	00	-16	-17	-25	10
24 UNL 15		1000.0	C	00	-26	-26	-36	0
25 UNL 15		991.2	C	00	-25	-25	-36	10
26 UNL 15		994.9	W	07	-33	-34	-43	0
27 UNL 10	IC	1000.6	C	00	-36			1
28 UNL 15		1000.9	C	00	-39			1

AVG 1002.8 10 -25 06

Date	Ceiling (100's ft)	Visibility (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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ALERT NWT
FEBRUARY 1959 0700 EST

01 UNL 02	IC	1009.6	N	14	-32	-32	-41	0
02 UNL 03	IC	994.4	NNW	22	-27	-27	-38	0
03 UNL 15		1002.6	W	05	-36			0
04 UNL 15		1022.1	W	08	-30	-31	-43	0
05 025 00	3/4BS	1008.3	NNW	22	-19	-19	-24	10
06 040 08	S-	1003.0	C	00	-25	-25	-35	6
07 040 00	1/2S-BS	1000.3	NW	30	-24	-25	-34	10
08 025 03	S-	1008.4	E	06	-30	-30	-39	10
09 UNL 12	IC	1011.9	C	00	+42			0
10 000 00	1/8BS	1000.5	N	28	-35			10
11 UNL 15		1003.6	C	00	-30	-30	-42	0
12 UNL 12	IC	1009.4	W	06	-36			3
13 017 05	IC	1003.8	NW	22	-31	-31	-40	10
14 UNL 15		993.0	C	00	-31	-31	-40	5
15 040 02	S-	999.2	C	00	-21	-22	-30	10
16 UNL 06	S-	1001.3	NE	03	-20	-20	-27	8
17 000 00	BS	1002.1	WSW	40	-12	-13	-20	10
18 UNL 06	S-	1000.9	NE	03	-17	-17	-24	10
19 UNL 10	S-	1009.5	W	05	-22	-22	-31	10
20 050 03	BS	1020.1	WSW	26	-06	-06	-12	10
21 UNL 15		1010.1	SW	30	-06	-07	-13	0
22 080 15		989.2	NNW	10	-09	-09	-16	9
23 UNL 10	S-	996.9	NE	03	-17	-18	-26	10
24 UNL 15		998.3	W	08	-25	-25	-36	10
25 UNL 15		991.4	W	04	-28	-28	-39	10
26 UNL 15		995.7	W	04	-35	-35	-45	0
27 UNL 15		1001.6	C	00	-38			0
28 UNL 15		1000.6	W	05	-41			1

AVG 1003.1 11 -26 06

ALERT NWT
FEBRUARY 1959 1000 EST

01 015 01	1/2S-	1008.9	N	12	-32	-32	-39	10
02 UNL 10	IC	994.6	W	10	-26	-27	-37	1
03 UNL 15		1005.2	W	05	-33	-33	-46	0
04 UNL 15		1021.2	W	06	-31	-31	-40	0
05 020 02	S-	1008.4	NNW	12	-15	-15	-21	10
06 020 08	S-	1002.1	W	05	-25	-25	-33	10
07 UNL 00	1/4BS	998.2	NW	26	-25	-25	-31	5
08 025 03	S-	1010.4	NNE	03	-30	-30	-39	10
09 UNL 12	IC	1011.5	C	00	+42			0
10 040 04	IC	1000.9	NNE	10	-33	-33	-39	10
11 UNL 15		1004.3	W	05	-32	-32	-45	0
12 UNL 15		1010.1	W	05	-36			0
13 010 05	IC	1000.2	NW	16	-28	-28	-34	10
14 040 08	S-	993.0	W	03	-30	-31	-39	10
15 010 05	S-	999.9	C	00	-17	-17	-25	10
16 020 05	S-	1000.5	NE	04	-23	-23	-32	10
17 000 00	BS	1002.0	WSW	45	-12	-12	-19	10
18 050 10	S-	1001.5	C	00	-18	-19	-27	10
19 010 10	S-	1010.7	WSW	25	-16	-16	-24	10
20 060 05	S-	1021.9	WSW	27	-06	-07	-12	10
21 UNL 05	BS	1006.4	WSW	40	-05	-05	-10	2
22 080 15		988.1	W	08	-13	-14	-20	8
23 UNL 10		999.3	E	10	-22	-22	-31	10
24 UNL 15		998.7	C	00	-22	-22	-31	9
25 UNL 15		992.7	W	04	-28	-28	-39	10
26 UNL 15		996.3	W	03	-36			0
27 UNL 15		1001.0	C	00	-36			0
28 UNL 15		1000.2	C	00	-38			1

AVG 1003.1 10 -25 06

Date	Ceiling (100's ft)	Visibility (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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ALERT NWT
FEBRUARY 1959 1300 EST

01 015 01	1/2S-	1008.1	N	14	-33	-33	-39	10
02 UNL 10	IC	995.5	C	00	-26	-26	-36	2
03 UNL 15		1008.4	W	08	-30	-30	-42	1
04 UNL 15		1019.9	NW	08	-34	-34	-43	0
05 030 03	S-	1008.4	WSW	05	-15	-15	-20	10
06 010 08	S-	1001.8	C	00	-20	-21	-30	10
07 UNL 00	BS	996.6	NNW	34	-25	-25	-31	8
08 020 02	S-	1011.5	N	03	-31	-31	-37	10
09 UNL 04	IC	1011.2	MNW	05	-41			10
10 020 03	IC	1000.8	N	10	-32	-32	-39	10
11 UNL 15		1004.7	W	04	-34	-34	-44	1
12 UNL 15		1010.4	C	00	-38			0
13 008 02	IC BS	995.8	NW	24	-26	-26	-34	10
14 008 03	S-	993.0	C	00	-29	-29	-38	10
15 008 05	S-	1000.7	C	00	-21	-21	-30	10
16 005 03	S-	1001.0	C	00	-23	-24	-33	10
17 000 00	BS	1000.9	SW	50	-11	-12	-18	10
18 008 05	S-	1002.2	ESE	08	-18	-18	-26	10
19 UNL 15		1011.3	W	25	-16	-16	-23	3
20 014 10	S-	1023.1	W	11	-08	-08	-14	10
21 UNL 00	1/2BS	1003.3	WSW	45	-04	-05	-10	3
22 014 15		987.2	C	00	-14	-14	-22	8
23 070 02	S-F	1001.3	NE	06	-23	-23	-33	10
24 080 15		995.5	W	06	-27	-27	-37	10
25 UNL 15		991.9	W	04	-30	-30	-42	4
26 UNL 15		997.0	C	00	-33	-33	-46	0
27 UNL 15		1001.5	C	00	-41			0
28 UNL 15		1000.0	W	05	-40			1

AVG 1003.0 10 -26 07

ALERT NWT
FEBRUARY 1959 1600 EST

01 030 02	S-	1006.7	NNW	10	-34	-34	-41	10
02 UNL 15		996.0	C	00	-27	-27	-37	0
03 UNL 15		1011.9	W	10	-32	-32	-42	0
04 UNL 15		1016.4	W	10	-30	-30	-39	0
05 040 05	S-	1008.2	C	00	-15	-15	-23	10
06 010 08	S-	1001.8	NW	10	-25	-25	-33	10
07 UNL 00	BS	996.2	NNW	30	-24	-24	-30	9
08 UNL 04	S-	1013.0	C	00	-34	-34	-43	10
09 UNL 06	IC	1011.0	NW	05	-40			10
10 020 02	S-	1001.9	NW	14	-30	-30	-36</	

SYNOPTIC OBSERVATIONS

ALERT

Date	Cloud (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NMT
MARCH 1959 0100 EST

01 UNL 15	1000.6 C	00	-36	0						
02 UNL 15	1002.0 W	04	-40	0						
03 UNL 15	1004.6 C	00	-30	-39	0					
04 UNL 15	1009.6 NW	03	-20	-20	-28	0				
05 UNL 12	IC	1011.3 W	04	-29	-30	-38	0			
06 UNL 15		1017.1 W	04	-33	-33	-43	0			
07 UNL 15		1019.2 W	03	-28	-28	-36	0			
08 UNL 15		1014.0 C	00	-36	0					
09 020 04	S-	1007.9 N	05	-21	-21	-28	10			
10 016 02	S-	1009.0 N	05	-19	-20	-28	10			
11 030 08	S-	999.9 W	00	-26	-26	-34	10			
12 020 08	S-	1001.7 C	00	-28	-28	-36	10			
13 UNL 15		1007.4 C	00	-29	-30	-38	2			
14 070 08	IC	1012.4 C	00	-28	-28	-39	10			
15 080 08	SG-	1005.8 WNW	08	-33	-33	-43	10			
16 010 02	S-	1006.2 N	06	-32	-32	-42	10			
17 100 10	S-	1010.9 NW	02	-30	-30	-38	10			
18 UNL 07		1007.7 WSW	12	-31	-22	-30	4			
19 UNL 15		1007.7 WSW	12	-35	1					
20 070 13	SG-	1013.2 W	05	-34	-34	-44	9			
21 060 08	S-	1012.4 C	00	-22	-22	-31	10			
22 UNL 15		1017.4 W	09	-32	-32	-45	1			
23 UNL 12		1015.2 W	08	-24	-24	-34	8			
24 008 03	S-	1022.8 N	03	-11	-11	-18	10			
25 013 04	S-	1021.6 NW	10	-12	-12	-19	10			
26 020 05	S-	1019.3 WNW	03	-10	-10	-18	10			
27 010 02	S-	1016.9 NW	06	-19	-19	-28	10			
28 150 08		1019.5 W	05	-29	-29	-40	0			
29 UNL 15		1017.5 W	06	-31	-31	-44	0			
30 015 06	S-	1011.7 C	00	-23	-23	-33	9			
31 UNL 15		1009.9 W	04	-32	-32	-41	5			
AVG		1011.4	05	-27	-27	-35	06			

ALERT NMT
MARCH 1959 0400 EST

01 UNL 15	1001.0 C	00	-31	-31	-40	0				
02 UNL 15	1002.2 W	03	-39	0						
03 UNL 15	1005.9 W	05	-35	0						
04 UNL 15	IC	1010.6 W	03	-24	-24	-34	0			
05 UNL 08		1018.2 W	05	-23	-23	-34	10			
06 UNL 15		1018.2 W	07	-31	-31	-38	4			
07 UNL 15		1012.7 C	00	-32	-32	-42	2			
08 UNL 15		1007.5 NW	14	-19	-19	-25	10			
10 020 04	S-	1006.3 N	10	-21	-21	-30	10			
11 030 10	S-	999.2 W	00	-29	-28	-37	10			
12 030 10	S-	1009.2 C	00	-29	-30	-41	10			
13 UNL 15		1007.9 W	05	-34	-34	-43	2			
14 020 08	S-	1012.8 W	04	-27	-28	-35	10			
15 030 10	S-	1006.9 NW	10	-29	-29	-35	10			
16 015 04	S-	1007.5 W	07	-33	-33	-43	10			
17 070 10	S-	1011.5 W	05	-30	-30	-38	10			
18 UNL 10		1010.2 WSW	31	-21	-22	-30	4			
19 UNL 15		1008.3 WNW	07	-33	-33	-46	1			
20 060 05	S-	1012.8 W	06	-29	-29	-37	10			
21 060 10	S-	1014.0 C	00	-19	-20	-28	10			
22 UNL 15		1016.2 W	10	-30	-31	-43	4			
23 UNL 15		1015.4 W	08	-21	-21	-30	2			
24 010 04	S-	1017.5 C	00	-13	-13	-20	10			
25 013 04	S-	1022.2 ENE	09	-07	-07	-14	10			
26 040 05	S-	1019.2 W	06	-12	-13	-21	10			
27 050 04	S-	1017.1 NW	11	-22	-22	-31	10			
28 UNL 15		1019.9 C	00	-26	-26	-37	0			
29 UNL 13	SG-	1017.5 W	00	-33	-34	-43	0			
30 030 06	S-	1011.7 C	00	-26	-27	-34	10			
31 UNL 15		1010.4 W	04	-31	-31	-43	3			
AVG		1011.6	06	-27	-27	-35	06			

Date	Cloud (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NMT
MARCH 1959 0700 EST

01 UNL 15	1001.4 W	03	-36	1						
02 UNL 15	1002.5 W	04	-35	0						
03 UNL 15	1006.5 WSW	04	-27	-27	-37	2				
04 070 15	IC	1011.6 NW	05	-19	-19	-27	10			
05 010 06		1011.3 W	05	-23	-23	-30	10			
06 UNL 15		1019.0 C	00	-20	-20	-37	7			
07 UNL 15		1018.1 C	00	-30	-30	-38	10			
08 200 15		1011.7 C	00	-36	10					
09 010 01	1/25-	1007.2 N	14	-17	-17	-23	10			
10 020 06	S-	1007.9 N	08	-23	-23	-32	10			
11 016 10	S-	999.2 C	05	-26	-26	-36	10			
12 070 15	S-	1003.8 C	00	-29	-31	-40	10			
13 070 15		1008.3 W	05	-30	-31	-43	10			
14 UNL 15		1013.1 W	05	-31	-31	-44	10			
15 006 02	S-	1004.9 C	00	-29	-29	-35	10			
16 015 05	S-	1009.0 W	02	-34	-34	-44	10			
17 070 10	S-	1013.1 C	00	-31	-31	-40	10			
18 UNL 15		1010.1 WSW	30	-22	-22	-31	6			
19 UNL 15		1009.3 W	07	-36	0					
20 070 12	S-	1012.0 W	05	-30	-30	-39	8			
21 008 03	S-	1016.6 W	02	-23	-24	-33	10			
22 UNL 15		1016.9 N	04	-26	-26	-37	8			
23 UNL 15		1015.7 W	12	-17	-18	-26	1			
24 008 03	S-	1022.9 ESE	06	-14	-14	-21	10			
25 013 04	S-	1022.2 C	00	-05	-06	-12	10			
26 040 04	S-	1019.3 W	06	-13	-14	-22	10			
27 UNL 15		1017.3 NW	11	-25	-25	-36	1			
28 UNL 15		1009.3 C	00	-32	-32	-41	0			
29 UNL 15	S-	1011.1 C	00	-20	-20	-37	7			
30 UNL 15	S-	1011.3 W	06	-25	-25	-35	6			
31 UNL 15		1010.8 W	05	-33	-33	-46	0			
AVG		1011.9	05	-26	-26	-34	07			

ALERT NMT
MARCH 1959 1000 EST

01 UNL 15	1001.3 C	00	-32	-33	-46	1				
02 UNL 15	1002.5 C	00	-32	-32	-41	0				
03 100 15	1006.1 W	08	-23	-23	-33	10				
04 070 15	IC	1011.6 C	00	-22	-22	-31	10			
05 010 06		1011.5 C	00	-23	-23	-30	9			
06 030 08	S-	1018.9 C	00	-27	-27	-35	9			
07 UNL 13	S-	1017.3 W	06	-32	-32	-41	10			
08 050 15		1011.1 C	00	-31	-31	-40	10			
09 010 01	S-	1007.2 N	22	-17	-17	-27	10			
10 015 10		1005.5 N	05	-22	-22	-31	9			
11 UNL 15		999.8 C	00	-30	-30	-42	7			
12 070 15		1004.0 C	00	-26	-27	-37	10			
13 070 15		1008.5 W	04	-28	-29	-39	10			
14 UNL 10	S-	1013.0 W	06	-30	-30	-42	5			
15 015 01	1/25-	1004.0 N	04	-30	-30	-37	10			
16 070 10	S-	1009.7 C	00	-30	-31	-39	10			
17 025 10	S-	1012.1 WNW	03	-25	-25	-36	10			
18 UNL 15		1005.8 WSW	14	-24	-25	-37	8			
19 UNL 15		1009.7 W	05	-32	-33	-42	0			
20 UNL 15		1009.7 W	05	-30	-31	-43	0			
21 040 08	S-	1017.9 C	00	-20	-20	-27	10			
22 UNL 15		1014.8 W	05	-32	-32	-42	4			
23 UNL 15		1017.1 C	00	-17	-17	-26	1			
24 015 04	S-	1022.1 NE	05	-14	-14	-21	10			
25 020 08	S-	1022.2 NW	10	-10	-11	-18	10			
26 040 06	S-	1018.7 C	00	-10	-10	-17	10			
27 UNL 15		1017.0 W	08	-28	-28	-39	2			
28 UNL 15		1019.7 W	03	-27	-28	-38	0			
29 UNL 15		1016.1 C	00	-28	-28	-39	5			
30 UNL 15		1010.0 W	03	-20	-20	-28	8			
31 UNL 15		1010.6 W	05	-29	-29	-40	0			
AVG		1011.6	04	-25	-26	-35	07			

Date	Cloud (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NMT
MARCH 1959 1300 EST

01 UNL 15	1001.4 W	05	-37	1						
02 UNL 15	1002.4 C	00	-31	-31	-40	2				
03 100 15	1007.3 C	00	-24	-25	-35	8				
04 050 07	S-	1012.1 C	00	-20	-20	-29	10			
05 008 04	S-	1012.5 WNW	03	-25	-26	-36	8			
06 013 05	S-	1019.6 C	00	-26	-27	-34	10			
07 050 07	SG-	1016.5 W	03	-30	-30	-39	10			
08 050 15		1010.4 C	00	-31	-31	-40	10			
09 010 01	S-	1007.7 N	17	-19	-19	-27	10			
10 010 05	SG-	1003.7 C	00	-24	-24	-33	10			
11 UNL 15	SG-	998.8 C	00	-29	-29	-40	5			
12 070 15	S-	1004.8 C	00	-28	-29	-39	8			
13 070 08	SG-	1008.8 WSW	06	-28	-29	-39	9			
14 UNL 15										

SYNOPTIC OBSERVATIONS

ALERT

Date	Calling (1000's h.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (height)
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ALERT NMT
APRIL 1959 0100 EST

01 UNL 15				1010.4 C	00	-35	-35	-45	1	
02 015 06	S-			1011.4 NE	02	-25	-25	-35	7	
03 070 06				1011.3 NW	03	-28	-28	-39	8	
04 060 07	S-			1015.9 C	00	-23	-24	-33	10	
05 006 02	S-			1009.6 C	00	-18	-18	-26	10	
06 UNL 15				1017.2 WSW	34	-09	-09	-16	4	
07 100 15				1022.1 C	00	-16	-16	-23	10	
08 015 05	BS			1024.0 SW	33	-01	-01	-07	10	
09 UNL 07	SG-			1025.1 C	00	-07	-07	-13	4	
10 UNL 15				1016.1 W	11	-18	-18	-26	0	
11 070 15				1014.0 WSW	22	-12	-12	-19	8	
12 080 15				1013.7 NW	10	-09	-09	-04	9	
13 100 15				1024.8 C	00	-09	-09	-14	8	
14 UNL 15				1020.8 C	00	-10	-10	-17	6	
15 080 15				1029.6 NE	04	-08	-09	-15	8	
16 120 15				1035.5 C	00	-11	-11	-16	10	
17 120 15				1033.0 SE	03	10	10	07	10	
18 100 05	S-			1035.9 SW	05	-06	-06	-11	10	
19 UNL 15				1034.0 C	00	-10	-10	-17	0	
20 UNL 15				1028.6 C	00	-12	-13	-20	8	
21 UNL 05	IC			1028.7 NW	05	-20	-20	-23	1	
22 UNL 15				1031.0 C	00	-18	-18	-23	8	
23 UNL 15				1033.0 C	00	-21	-21	-28	1	
24 010 06	IC			1030.0 C	00	-17	-17	-22	10	
25 UNL 15				1024.7 W	05	-05	-05	-11	3	
26 UNL 15				1014.6 C	00	-08	-08	-15	0	
27 200 15				1015.7 C	00	04	03	-02	10	
28 UNL 15				1012.7 W	04	00	-01	-06	0	
29 UNL 15				1006.2 W	10	-07	-07	-11	3	
30 UNL 15				1011.2 W	03	-07	-07	-12	3	

AVG 1021.4 05 -11 -12 -18 06

ALERT NMT
APRIL 1959 0400 EST

01 UNL 15				1010.9 W	12	-36	-36	-42	2	
02 012 06	S-			1011.7 C	00	-24	-24	-32	10	
03 UNL 15				1011.6 NW	03	-29	-29	-38	6	
04 070 10	S-			1016.7 C	00	-24	-24	-33	10	
05 005 01	1/2S-			1007.9 C	00	-16	-16	-23	10	
06 UNL 15				1020.6 NW	11	-15	-15	-23	9	
07 020 08	S-			1021.1 C	00	-16	-16	-24	10	
08 100 05	BS			1025.8 SW	33	-02	-02	-08	9	
09 UNL 15				1023.3 W	05	-17	-17	-25	0	
10 UNL 15				1016.4 SW	17	-17	-17	-25	5	
11 000 00	BS			1011.9 SW	45	-06	-06	-12	10	
12 100 15				1015.9 WSW	15	11	10	06	9	
13 UNL 15				1025.6 SE	04	-10	-10	-18	3	
14 UNL 15				1019.8 C	00	-10	-10	-17	8	
15 UNL 15				1033.0 C	00	-13	-13	-20	6	
16 008 03	S-			1035.6 W	05	-10	-10	-15	10	
17 150 15				1032.6 NW	08	03	03	-01	3	
18 UNL 15				1036.6 C	00	-06	-06	-11	3	
19 UNL 15				1033.1 W	03	-11	-11	-18	0	
20 UNL 15				1028.9 NE	03	-12	-12	-17	10	
21 UNL 15	IC			1028.8 W	05	-23	-23	-29	1	
22 UNL 15				1031.3 C	00	-17	-17	-24	8	
23 UNL 15				1032.8 C	00	-18	-18	-24	1	
24 UNL 15	IC			1029.0 C	00	-16	-16	-22	1	
25 UNL 15				1023.8 W	05	-06	-06	-09	8	
26 UNL 15				1012.5 C	00	07	07	02	0	
27 200 15				1016.5 W	10	02	01	-04	10	
28 UNL 15				1011.2 W	05	-01	-01	-06	0	
29 UNL 15				1006.6 W	00	-01	-01	-06	8	
30 UNL 15				1012.6 C	00	-01	-02	-07	2	

AVG 1021.5 06 -11 -11 -17 06

Date	Calling (1000's h.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (height)
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ALERT NMT
APRIL 1959 0700 EST

01 070 15				1011.2 W	07	-29	-29	-37	8	
02 070 10	S-			1011.8 W	05	-25	-25	-36	8	
03 UNL 15				1011.0 C	00	-24	-24	-34	3	
04 070 10	S-			1016.7 C	00	-22	-22	-31	10	
05 005 01	1/2S-			1006.8 E	06	-11	-12	-19	10	
06 UNL 15				1022.3 NE	03	-15	-15	-25	9	
07 UNL 12	IC			1020.5 WSW	04	-18	-19	-27	9	
08 070 15	BS			1026.7 W	43	-03	-03	-09	10	
09 UNL 15				1021.4 W	10	-18	-18	-26	3	
10 UNL 15				1016.7 SW	25	-18	-18	-26	3	
11 000 00	BS			1011.9 SW	50	-04	-04	-11	10	
12 100 15				1017.0 SW	12	07	07	02	8	
13 UNL 15				1025.8 NE	03	-05	-06	-12	1	
14 150 15				1019.5 C	00	-13	-13	-20	9	
15 120 14	S-			1035.7 W	02	-10	-10	-17	8	
16 UNL 15				1036.0 W	04	-12	-12	-18	0	
17 UNL 15				1033.1 C	00	03	03	-01	10	
18 100 15				1037.6 WNW	04	-06	-06	-11	10	
19 UNL 15				1032.4 C	03	-13	-13	-20	0	
20 UNL 15				1029.0 C	00	-11	-11	-16	10	
21 UNL 15				1029.3 W	04	-20	-20	-25	1	
22 UNL 15				1031.6 C	00	-15	-16	-23	1	
23 UNL 15				1032.6 C	00	-19	-19	-26	1	
24 UNL 15				1028.9 C	00	-17	-17	-24	1	
25 UNL 15				1023.2 W	05	02	02	-04	6	
26 UNL 15				1010.8 SSW	10	14	13	10	0	
27 200 15				1016.7 SW	06	13	13	10	9	
28 UNL 15				1010.1 W	05	00	00	-06	0	
29 200 15				1006.8 C	00	-01	-01	-06	10	
30 UNL 15				1014.0 C	00	02	02	-03	5	

AVG 1021.6 07 -10 -10 -16 06

ALERT NMT
APRIL 1959 1000 EST

01 UNL 15				1011.0 W	07	-26	-26	-39	8	
02 050 06	S-			1012.4 W	03	-22	-22	-31	10	
03 UNL 15				1011.2 W	03	-27	-27	-41	2	
04 015 04	S-			1016.7 W	03	-18	-18	-26	10	
05 120 15				1007.0 W	00	-09	-10	-17	10	
06 UNL 15				1023.4 C	00	-12	-12	-20	10	
07 UNL 15				1020.3 C	00	-11	-12	-19	10	
08 070 08				1027.1 WSW	34	-01	-02	-08	10	
09 UNL 15				1019.2 W	08	-15	-16	-25	0	
10 UNL 15				1017.1 SW	16	-13	-13	-20	10	
11 070 01	BS			1013.2 SW	34	-02	-02	-08	10	
12 100 15				1017.1 WSW	22	10	09	05	9	
13 UNL 15				1025.4 C	00	-07	-07	-13	0	
14 UNL 15				1020.2 C	00	-06	-06	-11	6	
15 UNL 15				1037.6 W	02	-09	-10	-16	4	
16 UNL 15				1036.0 W	00	-09	-09	-16	4	
17 060 12	S-			1033.6 C	00	03	03	-03	9	
18 UNL 15				1037.7 C	00	-06	-06	-12	2	
19 UNL 15				1031.2 C	00	-11	-11	-16	0	
20 100 15				1029.2 C	00	-10	-10	-16	9	
21 UNL 15				1029.5 WNW	06	-16	-16	-23	0	
22 UNL 15				1032.3 C	00	-16	-16	-23	2	
23 UNL 15	IC			1032.6 W	03	-18	-18	-26	7	
24 UNL 15				1027.9 C	00	-12	-12	-19	1	
25 140 15				1022.4 SW	12	10	10	06	8	
26 UNL 15				1009.4 SSW	23	15	15	11	0	
27 UNL 15				1015.9 W	28	18	18	15	3	
28 UNL 15				1008.9 C	00	01	01	-05	0	
29 UNL 15				1006.7 C	00	04	05	03	5	
30 UNL 15				1015.0 C	00	02	02	-02	5	

AVG 1021.6 07 -07 -07 -14 06

Date	Calling (1000's h.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (height)
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ALERT NMT
APRIL 1959 1300 EST

01 UNL 05	IC			1010.5 W	07	-26	-26	-36	10	
02 050 05	S-			1012.0 C	00	-21	-21	-30	10	
03 UNL 15				1011.7 C	00	-20	-21	-31	8	
04 014 04	S-			1015.9 C	00	-18	-18	-26	10	
05 100 10	S-			1008.6 W	03	-13	-13	-20	10	
06 160 15				1028.1 W	04	-17	-18	-26	10	
07 UNL 15				1020.3 C	00	-09	-09	-18	6	
08 070 15				1027.6 W	32	-02	-02	-08	10	
09 UNL 15				1017.7 W	03	-15	-15	-23	3	
10 UNL 15				1015.7 SW	30	-15	-15	-22	8	
11 070 04	BS			1014.1 SW	34	00	-01	-06	10	
12 080 15				1018.5 C	00	12	12	08	10	
13 UNL 15				1025.6 C	00	-06	-06	-10	2	
14 UNL 15				1021.7 SW	03	-06	-06	-09	2	
15 UNL 10	S-			1038.2 NE	05	-07	-08	-14	8	
16 UNL 15				1035.6 C	00	-04	-04	-10	3	
17 010 05	S-			1034.0 W	06	06	06	01	9	
18 UNL 15				1						

SYNOPTIC OBSERVATIONS

ALERT

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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ALERT NMT
MAY 1959 0100 EST

01 UNL 15	1018.0	NW	08	-03	-04	-09	4			
02 UNL 15	1026.9	SSW	20	07	07	03	1			
03 UNL 15	1036.1	C	00	02	02	-02	0			
04 UNL 15	1038.6	C	00	-03	-03	-09	0			
05 UNL 15	1037.4	W	00	-03	-03	-09	0			
06 UNL 15	1021.2	C	00	-02	-03	-09	0			
07 UNL 15	1014.2	C	00	-02	-03	-09	2			
08 UNL 15	1008.7	C	00	-01	-01	-08	0			
09 UNL 15	1002.9	NW	03	01	00	-06	0			
10 005 07	1006.7	C	00	01	01	-03	10			
11 UNL 15	1018.9	N	02	03	03	-03	2			
12 000 15	1027.4	N	06	01	00	-06	8			
13 UNL 15	1028.0	W	30	07	06	01	5			
14 UNL 15	1026.2	SW	03	05	04	-01	10			
15 UNL 15	1026.8	E	03	08	08	03	1			
16 UNL 15	1029.5	C	00	06	06	02	5			
17 UNL 15	1036.6	NW	02	02	02	-03	2			
18 UNL 15	1031.9	NW	06	02	02	-03	0			
19 UNL 15	1023.2	C	00	09	09	04	0			
20 UNL 15	1016.7	C	00	13	12	08	2			
21 UNL 15	1015.6	NW	10	07	06	00	4			
22 008 08	1022.2	N	04	10	10	06	10			
23 014 06	1019.0	N	19	11	11	07	10			
24 014 08	1020.1	NNE	10	12	12	08	10			
25 200 15	1017.4	NW	06	11	11	08	6			
26 UNL 00 1/2F	1017.8	W	08	08	08	03	0			
27 003 00 3/8F	1017.5	W	07	13	10	14	10			
28 003 00 3/8F	1014.0	SW	06	14	14	12	10			
29 UNL 15	1013.9	C	00	13	13	11	2			
30 002 00 3/8F	1005.9	NW	20	21	21	20	10			
31 030 15	1006.6	C	00	23	23	22	7			
AVG	1020.5		06	06	06	01	04			

ALERT NMT
MAY 1959 0400 EST

01 UNL 15	1018.4	W	05	01	01	-04	1			
02 UNL 15	1028.6	NW	06	-05	-05	-10	1			
03 UNL 15	1037.4	W	03	02	02	-03	0			
04 UNL 15	1038.2	C	00	-06	-06	-13	0			
05 UNL 15	1029.9	C	00	-03	-04	-11	0			
06 UNL 15	1019.7	C	00	01	01	-05	0			
07 UNL 15	1013.2	C	00	-02	-03	-09	9			
08 UNL 15	1008.1	C	00	00	00	-06	2			
09 UNL 15	1007.8	NW	03	-02	-02	-06	0			
10 003 00 1/4F	1007.0	C	00	01	01	-03	10			
11 UNL 15	1020.0	C	00	01	00	-06	5			
12 030 08	1028.8	C	00	05	04	-01	10			
13 UNL 15	1027.8	W	24	08	07	02	2			
14 UNL 15	1026.2	SW	08	09	08	04	10			
15 UNL 15	1027.3	C	00	08	08	03	8			
16 020 15	1050.8	E	05	05	05	01	7			
17 UNL 15	1038.0	C	00	08	08	04	0			
18 UNL 15	1030.2	NW	06	04	03	-03	0			
19 UNL 15	1022.4	C	00	12	11	07	0			
20 UNL 15	1016.7	C	00	12	11	07	4			
21 008 03	1017.0	NW	06	09	09	06	10			
22 008 08	1027.3	ESE	04	09	09	06	10			
23 008 01	1019.0	N	19	13	13	10	10			
24 010 08	1019.9	NNE	08	12	12	09	10			
25 020 15	1016.9	W	08	09	09	05	7			
26 UNL 15	1017.3	NW	04	09	09	06	1			
27 UNL 00 1/2F	1014.3	SW	04	11	11	08	7			
28 003 00 3/8F	1014.2	C	00	14	14	12	10			
29 UNL 15	1013.7	C	00	13	13	11	2			
30 002 00 3/8F	1005.4	NW	20	23	23	22	10			
31 030 10	1007.4	NW	03	27	27	26	9			
AVG	1020.6		04	07	06	02	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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ALERT NMT
MAY 1959 0700 EST

01 UNL 15	1019.0	SW	30	09	09	05	1			
02 UNL 15	1029.4	NE	07	-02	-02	-07	1			
03 UNL 15	1038.1	W	08	04	03	-03	0			
04 UNL 15	1037.5	C	00	-02	-03	-09	0			
05 UNL 15	1028.4	N	05	-01	-02	-08	0			
06 UNL 15	1018.9	W	05	-01	-02	-08	0			
07 UNL 15	1012.4	C	00	-02	-02	-10	8			
08 UNL 15	1007.8	C	00	04	04	-02	0			
09 UNL 15	1000.9	C	00	01	01	-03	7			
10 020 06	1009.0	NE	03	02	02	-01	10			
11 UNL 15	1021.2	NW	03	02	02	-03	8			
12 200 08	1029.4	W	08	05	05	-01	10			
13 UNL 15	1027.7	W	20	09	08	03	2			
14 UNL 15	1025.7	W	18	12	11	07	1			
15 UNL 15	1027.4	C	00	07	07	02	8			
16 020 10	1030.8	C	00	07	06	01	10			
17 UNL 15	1038.1	NE	05	08	07	00	0			
18 UNL 15	1030.0	C	00	09	08	01	0			
19 UNL 15	1021.9	NW	05	11	10	03	0			
20 UNL 15	1016.6	NW	04	12	11	06	4			
21 008 06	1018.0	NW	08	11	11	08	10			
22 008 08	1018.9	N	00	09	09	04	10			
23 010 01	1018.9	N	20	15	15	12	10			
24 010 08	1019.6	N	11	13	13	10	10			
25 UNL 15	1016.5	W	05	09	08	04	2			
26 UNL 15	1016.5	NW	08	11	10	02	2			
27 UNL 00 1/2F	1012.0	W	00	12	12	10	8			
28 004 00 3/8F	1014.3	C	00	15	15	13	10			
29 UNL 15	1013.2	NW	03	14	14	12	5			
30 002 00 3/8F	1005.8	NW	15	24	24	23	10			
31 030 15	1007.5	SE	05	29	29	28	9			
AVG	1020.5		06	08	08	03	05			

ALERT NMT
MAY 1959 1000 EST

01 UNL 15	1020.1	SSE	35	11	11	08	2			
02 UNL 15	1030.6	NW	06	-05	-05	-12	3			
03 UNL 15	1039.5	C	00	10	09	01	0			
04 UNL 15	1036.7	NW	08	-03	-03	-08	0			
05 UNL 15	1027.1	N	08	01	01	-03	0			
06 UNL 15	1018.2	C	00	04	04	00	0			
07 UNL 15	1011.5	NW	02	01	01	-03	0			
08 UNL 15	1007.4	C	00	04	03	-02	2			
09 UNL 15	1000.5	NW	03	04	04	-01	4			
10 020 07	1011.2	NE	10	05	05	00	10			
11 UNL 15	1022.4	NW	04	08	08	04	0			
12 UNL 15	1029.1	N	28	10	10	06	0			
13 UNL 15	1027.1	N	10	11	11	08	0			
14 UNL 15	1025.7	N	05	09	09	06	1			
15 UNL 15	1027.7	E	05	08	08	03	1			
16 015 05	1031.5	NW	04	07	07	02	10			
17 UNL 15	1038.2	E	05	10	09	04	0			
18 UNL 15	1028.8	C	00	11	10	05	0			
19 UNL 15	1020.6	C	00	14	13	07	0			
20 UNL 15	1016.0	C	00	13	12	06	4			
21 008 06	1019.3	NW	05	12	11	07	10			
22 008 06	1020.8	NW	05	10	10	06	10			
23 007 02	1018.7	NW	16	15	14	11	10			
24 010 05	1019.4	NE	05	14	14	11	10			
25 UNL 15	1016.5	C	00	13	12	08	1			
26 UNL 15	1016.0	NW	08	10	10	06	1			
27 UNL 15	1014.1	C	00	13	13	11	10			
28 005 03	1014.4	C	00	16	16	14	8			
29 UNL 15	1012.4	C	00	17	17	14	10			
30 008 06	1006.3	NW	07	25	25	24	10			
31 015 15	1007.7	SE	10	29	28	26	7			
AVG	1020.5		06	10	10	05	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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ALERT NMT
MAY 1959 1300 EST

01 UNL 15	1021.5	SSE	35	10	10	06	2			
02 UNL 15	1031.2	NW	06	-04	-05	-12	3			
03 UNL 15	1037.2	SE	02	13	11	03	0			
04 UNL 15	1035.2	NW	06	-01	-01	-07	0			
05 UNL 15	1025.5	N	06	01	01	-02	0			
06 UNL 15	1017.7	W	04	05	05	02	0			
07 UNL 15	1010.9	NW	05	03	03	-02	0			
08 UNL 15	1006.1	NNE	02	04	04	-01	4			
09 UNL 15	999.8	N	04	04	03	-01	4			
10 200 15	1012.7	ENE	04	05	05	00	7			
11 UNL 15	1022.4	W	30	12	12	10	0			
12 UNL 15	1028.2	W	32	11	11	07	5			
13 UNL 15										

SYNOPTIC OBSERVATIONS

ALERT

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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ALERT NWT
JUNE 1959 0100 EST

01 01Z 10				1012.0	ESE	07	27	27	26	10
02 UNL 15				1012.0	E	03	21	21	21	0
03 UNL 15				1009.6	C	00	21	20	18	0
04 UNL 15				1012.4	C	00	22	22	20	0
05 00Z 06	F			1017.4	N	07	20	18	9	
06 UNL 15				1018.4	C	00	22	22	19	0
07 UNL 15				1017.1	C	00	28	27	26	0
08 UNL 15				1015.3	W	05	29	28	27	0
09 UNL 15				1019.0	E	03	31	31	30	0
10 UNL 15				1015.9	ENE	05	25	25	22	0
11 01Z 08				1010.6	MW	03	24	24	23	7
12 01Z 02				1010.6	MNE	06	26	25	23	9
13 UNL 01	F			1014.7	NE	03	25	24	7	
14 09Z 15				1021.2	E	05	29	29	29	9
15 UNL 15				1019.9	N	03	33	32	32	8
16 01Z 10				1027.2	C	00	32	32	31	10
17 09Z 15				1026.8	C	00	33	32	31	9
18 00Z 01	S-			1018.5	ESE	05	31	30	30	10
19 02Z 01	S-			1016.9	C	00	31	30	29	10
20 01Z 01	F			1017.2	N	07	26	26	25	10
21 10Z 15				1009.6	SW	04	29	28	27	10
22 01Z 00	3/4S-			1007.3	SE	10	30	30	29	10
23 01Z 08	S-			1007.6	N	07	33	32	31	10
24 UNL 00	T/AF			1019.1	E	03	34	33	9	
25 03Z 05	F			1027.5	C	00	33	33	33	9
26 UNL 15				1027.4	NE	03	34	32	29	3
27 UNL 15				1028.9	W	05	34	34	33	1
28 UNL 15				1024.8	NE	03	41	36	30	8
29 06Z 15				1017.5	ESE	06	34	34	28	8
30 06Z 15				1011.0	C	00	41	36	30	9

AVG 1017.1 03 29 29 27 06

ALERT NWT
JUNE 1959 0400 EST

01 01Z 10				1012.4	E	05	27	27	27	9
02 UNL 15				1011.6	E	06	22	22	22	0
03 UNL 15				1009.3	C	00	22	22	20	0
04 UNL 15				1013.1	C	00	25	25	23	0
05 00Z 08				1018.2	W	03	20	18	8	
06 UNL 15				1018.4	E	03	22	19	3	
07 UNL 15				1016.6	E	05	29	28	27	0
08 UNL 15				1015.5	C	00	32	31	30	0
09 UNL 15				1019.6	E	08	28	28	27	0
10 UNL 15				1015.2	C	00	25	24	22	0
11 UNL 08				1010.4	N	03	22	22	20	0
12 UNL 00	3/4F			1011.1	C	00	24	23	21	9
13 UNL 15				1015.7	C	00	25	25	23	0
14 06Z 15				1021.9	ENE	05	28	28	27	9
15 29Z 15				1020.6	C	00	30	30	30	9
16 00Z 03	S-			1029.0	C	00	32	32	31	10
17 06Z 15				1025.9	C	00	33	32	31	10
18 01Z 10				1018.5	C	00	30	30	30	10
19 20Z 15				1017.1	E	05	32	31	30	9
20 01Z 08				1016.9	N	03	25	25	23	10
21 01Z 03	S-			1009.6	NE	03	29	29	28	10
22 02Z 10	S-			1006.7	NE	07	32	32	31	8
23 05Z 15				1008.3	WSW	20	38	35	31	10
24 02Z 00	1/8F			1020.7	C	00	32	32	32	10
25 01Z 15				1027.9	C	00	34	33	32	9
26 06Z 15				1027.4	C	00	35	34	33	9
27 UNL 15				1028.9	E	05	34	33	32	1
28 UNL 15				1023.4	NE	03	43	39	34	0
29 UNL 15				1017.0	SE	05	42	37	30	3
30 UNL 15				1010.2	E	03	37	35	32	5

AVG 1017.2 03 30 29 27 05

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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ALERT NWT
JUNE 1959 0700 EST

01 02Z 15				1012.5	C	00	28	27	27	6
02 UNL 15				1011.3	E	06	21	21	21	0
03 UNL 15				1009.7	E	05	21	21	19	0
04 UNL 15				1013.5	NE	05	23	23	21	0
05 UNL 08				1018.6	N	05	20	18	4	
06 UNL 15				1018.0	E	05	23	23	21	3
07 UNL 15				1016.6	NE	06	27	27	26	0
08 UNL 15				1016.6	E	03	31	31	30	0
09 UNL 15				1019.9	E	04	30	30	29	0
10 UNL 15				1014.2	E	03	24	24	22	0
11 UNL 15				1010.2	NW	03	25	25	23	0
12 UNL 01	1/2F			1011.4	C	00	25	24	23	9
13 UNL 15				1016.9	NE	03	26	26	25	0
14 06Z 15				1021.8	E	05	30	29	8	
15 25Z 15				1021.3	E	07	33	32	32	8
16 00Z 10				1030.0	SE	08	32	32	31	10
17 06Z 15				1024.8	SE	04	33	33	32	10
18 00Z 03				1018.2	E	04	31	30	30	10
19 01Z 09	S-			1017.3	SE	03	32	31	31	10
20 00Z 08				1016.1	N	04	26	25	24	10
21 01Z 10	S-			1009.4	E	07	32	31	29	10
22 03Z 15				1005.9	SW	20	36	34	31	10
23 10Z 15				1009.7	WSW	20	39	35	30	10
24 00Z 03	F			1021.7	N	05	32	32	32	10
25 05Z 15				1027.5	E	05	35	34	33	9
26 06Z 15				1027.1	C	00	39	37	34	9
27 UNL 01	1/2F			1028.6	NNE	04	33	33	32	8
28 UNL 15				1022.0	E	05	44	40	36	0
29 UNL 15				1016.2	S	05	45	38	38	3
30 UNL 15				1009.7	C	00	41	37	31	4

AVG 1017.2 05 31 30 28 05

ALERT NWT
JUNE 1959 1000 EST

01 03Z 15				1012.2	SE	05	28	27	25	9
02 UNL 15				1010.6	E	08	22	21	17	0
03 UNL 15				1009.6	N	03	21	20	16	0
04 UNL 15				1014.1	C	00	25	24	22	0
05 UNL 15				1018.9	C	00	24	23	21	3
06 UNL 15				1017.5	WSW	05	24	23	20	3
07 UNL 15				1015.3	E	05	26	25	23	0
08 UNL 15				1016.6	E	05	29	28	26	0
09 UNL 15				1019.9	E	05	28	28	26	0
10 UNL 15				1013.1	E	03	24	24	22	0
11 UNL 15				1009.7	N	05	24	24	22	0
12 UNL 02	F			1011.4	C	00	25	24	22	0
13 UNL 15				1017.6	C	00	27	27	25	0
14 06Z 15				1021.4	SE	05	29	29	27	9
15 05Z 15				1023.9	ENE	07	30	30	30	10
16 01Z 12				1030.3	E	15	33	33	32	10
17 05Z 15				1023.2	E	10	33	32	30	10
18 00Z 03	F			1017.9	ESE	08	32	31	30	10
19 05Z 08				1017.2	E	10	32	31	30	8
20 01Z 10				1015.0	NW	05	27	26	24	10
21 02Z 10				1008.9	W	08	31	30	29	9
22 10Z 08				1005.7	N	10	31	31	30	6
23 10Z 15				1011.3	WSW	20	39	36	31	9
24 01Z 08				1023.2	NE	04	34	33	32	10
25 05Z 15				1027.1	NE	05	34	33	32	9
26 06Z 15				1028.5	N	12	36	34	31	9
27 UNL 01	F			1028.2	NE	05	32	32	32	9
28 UNL 15				1019.9	C	00	47	43	38	0
29 06Z 15				1015.6	E	10	40	36	31	7
30 UNL 15				1009.3	N	10	40	36	31	2

AVG 1017.0 06 30 29 27 05

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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ALERT NWT
JUNE 1959 1300 EST

01 05Z 15				1012.0	E	05	28	26	22	9
02 UNL 15				1010.4	E	05	22	20	15	0
03 UNL 15				1010.0	N	03	23	22	19	0
04 00Z 15				1014.3	NE	05	23	23	20	9
05 UNL 15				1018.9	C	00	22	22	19	1
06 UNL 15				1017.4	E	05	25	24	20	10
07 UNL 05	F			1015.3	E	05	28	27	26	9
08 UNL 15				1017.0	E	05	31	29	26	0
09 UNL 15				1019.2	E	03	29	28	26	0
10 UNL 15				1012.3	E	03	26	26	24	1
11 UNL 15				1009.8	N	05	25	25	23	2
12 00Z 03	F			1011.6	N	03	25	24	10	
13 20Z 15				1018.4	E	05	26	26	24	10
14 08Z 15				1020.5	E	03	32	30	28	10
15 05Z 15				1022.5	ESE	05	33	33	32	10
16 01Z 15				1031.2	E	15	33	32	31	9
17 01Z 12				1021.9	N	10	34	33	32	10
18 02Z 08										

SYNOPTIC OBSERVATIONS

CLYDE

Date	Cloud (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NMT
JANUARY 1959 0100 EST

01 200 15	1013.5 SW	30	03	03	-01	10				
02 UNL 25	1022.5 N	02	-02	-03	-21	0				
03 100 25	1028.3 W	02	13	13	09	0				
04 UNL 25	1037.6 N	08	00	00	-07	2				
05 UNL 25	1028.7 NW	08	00	-01	-11	0				
06 UNL 25	1023.6 NW	10	03	05	00	0				
07 UNL 25	1029.0 NW	04	-09	-09	-18	0				
08 UNL 25	1033.5 NW	04	-12	-12	-19	0				
09 200 25	1026.7 C	00	-03	-04	-14	7				
10 200 25	1027.1 N	04	03	02	-06	10				
11 030 00	1026.5 N	06	-01	-01	-09	10				
12 UNL 25	1021.6 NE	02	-18	-18	-34	0				
13 UNL 25	1018.7 N	04	-22	-22	-37	0				
14 UNL 25	1019.4 SE	04	-24	-24	-42	0				
15 UNL 25	1024.2 N	02	-15	-15	-27	0				
16 UNL 25	1034.1 NW	02	-18	-18	-26	0				
17 UNL 25	1031.0 NNE	06	-09	-09	-17	9				
18 200 00	1021.5 N	06	-08	-09	-19	10				
19 010 01	994.0 SE	20	32	31	29	10				
20 UNL 25	1013.2 N	02	01	01	-05	0				
21 010 10	1013.1 NE	04	07	07	02	10				
22 UNL 25	1019.7 C	00	-14	-14	-26	4				
23 000 00	1012.3 NW	16	00	00	-04	10				
24 000 00	978.9 NW	30	05	05	00	10				
25 000 00	982.6 NW	22	02	01	-06	10				
26 UNL 25	997.9 NNE	06	-14	-15	-28	2				
27 010 02	996.7 N	10	-08	-09	-19	10				
28 100 20	1003.4 N	08	-05	-05	-12	9				
29 UNL 25	1007.2 N	04	-10	-10	-19	1				
30 UNL 25	1013.2 N	08	-09	-10	-20	4				
31 030 25	1008.0 NW	08	-17	-18	-32	7				
AVG	1016.4	08	-05	-05	-14	05				

CLYDE NMT
JANUARY 1959 0400 EST

01 200 25	1014.2 SW	20	04	04	00	10				
02 UNL 25	1022.8 N	04	-08	-08	-17	1				
03 UNL 25	1031.0 N	05	13	12	06	3				
04 UNL 25	1037.6 NE	04	-04	-04	-10	0				
05 UNL 25	1027.4 N	12	00	-01	-09	0				
06 UNL 25	1024.6 N	16	03	03	-02	0				
07 UNL 25	1029.6 SSE	04	-07	-08	-22	0				
08 UNL 25	1032.5 C	00	-11	-12	-26	0				
09 200 25	1026.7 C	00	-02	-03	-10	9				
10 000 08	1027.4 NW	06	03	02	-08	10				
11 030 00	1026.0 N	04	-02	-02	-08	10				
12 UNL 25	1021.6 NE	04	-20	-20	-33	0				
13 UNL 25	1018.6 C	00	-23	-24	-33	0				
14 UNL 25	1019.7 SE	02	-21	-21	-36	0				
15 UNL 25	1026.7 C	00	-18	-18	-31	0				
16 UNL 25	1034.2 NE	02	-12	-12	-19	1				
17 UNL 25	1030.8 ENE	06	-12	-12	-23	0				
18 000 00	1017.2 E	06	-06	-06	-12	10				
19 010 10	995.3 S	20	31	31	30	10				
20 UNL 25	1014.9 C	00	-12	-12	-21	1				
21 020 10	1012.6 N	04	07	06	00	10				
22 200 25	1021.0 C	00	-19	-19	-33	10				
23 000 00	1008.3 NW	22	02	01	-05	10				
24 000 00	978.8 NW	26	02	02	-04	10				
25 000 00	983.5 N	22	02	01	-06	10				
26 UNL 25	999.7 N	02	-13	-14	-28	4				
27 UNL 25	1004.2 N	00	-19	-19	-33	10				
28 020 02	1003.4 N	10	-04	-04	-11	10				
29 UNL 25	1008.5 C	00	-12	-12	-19	1				
30 UNL 25	1014.4 NE	04	-18	-18	-32	1				
31 UNL 25	1005.9 N	04	-22	-22	-35	2				
AVG	1016.5	07	-06	-06	-15	04				

Date	Cloud (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NMT
JANUARY 1959 0700 EST

01 080 25	1014.5 SW	18	05	05	00	7				
02 UNL 25	1023.4 S	06	09	09	05	1				
03 UNL 25	1035.0 N	04	04	04	-03	1				
04 UNL 25	1036.2 E	06	-01	-02	-10	1				
05 UNL 25	1026.5 N	06	02	01	-08	0				
06 UNL 25	1025.4 NW	06	03	03	-03	0				
07 UNL 25	1030.6 NW	06	-07	-08	-18	1				
08 UNL 25	1031.8 NW	02	-08	-09	-19	2				
09 200 25	1026.8 NW	02	-03	-03	-10	10				
10 200 25	1027.4 NW	08	03	03	-04	10				
11 030 20	1025.7 N	02	-03	-04	-11	8				
12 UNL 25	1021.0 NE	02	-23	-24	-35	0				
13 UNL 25	1019.2 C	00	-22	-22	-36	1				
14 UNL 25	1019.7 S	04	-18	-19	-32	2				
15 UNL 25	1027.5 N	02	-17	-18	-31	0				
16 UNL 25	1034.6 NE	02	-12	-12	-23	0				
17 200 25	1030.6 C	00	-12	-12	-23	10				
18 000 01	1011.5 C	00	-01	-02	-10	10				
19 UNL 25	996.2 ESE	22	25	25	24	0				
20 UNL 25	1015.0 SSW	02	-07	-07	-12	0				
21 020 10	1013.0 N	04	06	05	-01	10				
22 UNL 25	1021.2 SE	02	-19	-19	-33	2				
23 000 00	1002.4 NW	28	05	04	-03	10				
24 000 00	978.9 N	28	01	01	-06	10				
25 010 01	984.8 N	16	-01	-01	-06	10				
26 010 10	1001.1 C	00	-1	-1	-10	10				
27 005 01	997.2 C	00	-02	-03	-10	10				
28 015 03	1003.8 N	12	-03	-03	-12	10				
29 020 10	1009.6 N	02	-14	-14	-26	10				
30 010 10	1015.0 N	18	-11	-11	-20	10				
31 UNL 25	1003.9 N	06	-17	-18	-29	3				
AVG	1016.4	07	-05	-05	-14	05				

CLYDE NMT
JANUARY 1959 1000 EST

01 080 25	1015.5 SSE	16	07	05	-06	9				
02 UNL 25	1024.5 SE	12	09	09	06	4				
03 UNL 25	1036.1 NNE	06	04	04	-03	5				
04 UNL 25	1035.1 N	16	-01	-01	-09	1				
05 UNL 25	1025.4 NW	08	05	05	-01	1				
06 UNL 25	1026.2 N	06	-04	-05	-13	0				
07 UNL 25	1031.8 NW	05	-09	-09	-24	4				
08 200 25	1029.9 W	02	-05	-06	-18	10				
09 200 25	1027.8 NW	04	00	-01	-09	10				
10 200 25	1027.8 NW	06	04	03	-06	10				
11 100 20	1025.0 N	10	-03	-03	-11	9				
12 UNL 25	1020.2 NE	02	-21	-21	-38	0				
13 UNL 25	1018.7 C	00	-23	-24	-41	0				
14 UNL 25	1019.9 C	00	-20	-21	-36	1				
15 UNL 25	1029.4 C	00	-20	-20	-36	2				
16 UNL 25	1034.4 NE	06	-12	-12	-17	5				
17 200 25	1030.1 NE	08	-15	-15	-27	10				
18 005 02	1006.3 E	06	06	06	01	10				
19 020 07	997.9 SSE	10	25	25	22	9				
20 UNL 25	1015.3 N	04	00	00	-07	2				
21 UNL 25	1013.8 W	06	-02	-03	-11	4				
22 200 25	1021.8 SE	02	-23	-23	-39	8				
23 000 00	1000.0 NW	22	06	06	02	10				
24 000 00	980.1 N	30	01	01	-03	10				
25 010 04	987.0 N	10	-03	-03	-10	10				
26 005 02	1001.3 NW	12	-10	-11	-20	10				
27 100 10	991.0 N	06	-02	-03	-11	9				
28 015 10	1003.8 E	06	-06	-06	-12	10				
29 005 05	1010.1 C	00	-08	-08	-16	10				
30 010 05	1014.8 N	04	-16	-16	-30	3				
31 UNL 25	1002.9 C	00	-24	-25	-43	3				
AVG	1016.5	07	-05	-06	-15	06				

Date	Cloud (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NMT
JANUARY 1959 1300 EST

01 080 25	1017.3 NE	06	04	02	-12	9				
02 UNL 25	1025.2 N	06	-02	-03	-10	7				
03 UNL 25	1037.0 N	02	01	00	-08	1				
04 UNL 25	1033.8 N	10	-05	-05	-12	1				
05 UNL 25	1024.3 N	04	06	06	00	1				
06 UNL 25	1026.6 NW	06	-05	-05	-14	1				
07 UNL 25	1032.0 C	00	-10	-11	-23	4				
08 200 25	1028.8 NW	06	-04	-05	-16	10				
09 200 25	1026.9 NW	04	02	01	-03	10				
10 030 15	1027.3 N	03	02	01	-06	10				
11 100 20	1024.0 NW	14	-05	-06	-15	10				
12 UNL 25	1019.6 C	00	-22	-22	-31	0				
13 UNL 25	1019.2 C	00	-23	-23	-40	1				
1										

SYNOPTIC OBSERVATIONS

CLYDE

Date	Calling (1000, R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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CLYDE NMT
FEBRUARY 1959 0100 EST

01 UNL 25	997.3 W	02	-38	0			
02 UNL 25	989.9 C	00	-42	0			
03 UNL 25	992.2 M	02	-42	0			
04 UNL 25	1001.4 NW	12	-26	-27	-47	0	
05 UNL 25	995.6 C	00	-11	-12	-21	0	
06 UNL 25	993.6 M	04	-14	-14	-29	0	
07 UNL 25	989.4 SW	08	-09	-10	-22	0	
08 UNL 25	997.8 C	00	-34	-34	-60	0	
09 000 00	1/4BS	995.3 M	20	-20	-21	-36	10
10 UNL 15	987.9 NW	16	-13	-13	-20	4	
11 UNL 25	994.4 N	02	-31	-31	-40	0	
12 UNL 25	996.0 C	00	-41	0			
13 120 25	982.6 S	12	-13	-14	-28	10	
14 080 05	S-	988.2 M	04	-18	-18	-30	10
15 UNL 25	993.9 C	00	-36	0			
16 UNL 25	1001.1 N	02	-35	0			
17 UNL 25	1015.2 E	04	-23	-23	-37	4	
18 UNL 25	1005.0 E	08	-30	-30	-42	0	
19 UNL 25	1008.3 C	00	-35	2			
20 UNL 25	1025.0 C	00	-32	-32	-44	0	
21 UNL 00	1/2BS	1017.9 M	18	-17	-17	-25	5
22 UNL 00	1/2BS	994.0 NW	20	-03	-03	-09	0
23 UNL 25	994.4 E	06	-12	-13	-23	3	
24 UNL 25	1000.8 M	04	-12	-12	-40	0	
25 UNL 25	990.8 C	00	-23	-23	-38	2	
26 UNL 25	991.2 NE	05	-21	-21	-36	4	
27 020 15	993.9 N	18	-21	-21	-39	10	
28 UNL 25	999.4 W	06	-22	-22	-41	0	

AVG 997.6 06 -24 02

CLYDE NMT
FEBRUARY 1959 0400 EST

01 UNL 25	996.7 C	00	-35	0			
02 UNL 25	990.3 C	00	-42	0			
03 UNL 25	994.4 C	00	-38	0			
04 UNL 25	1000.6 N	02	-22	-22	-38	0	
05 UNL 25	995.5 S	02	-15	-15	-25	0	
06 UNL 25	993.6 S	06	-12	-13	-23	0	
07 UNL 25	987.8 N	04	-12	-12	-22	0	
08 UNL 25	998.9 C	00	-34	-34	-60	0	
09 UNL 01	1/2BS	995.1 N	16	-22	-22	-36	4
10 UNL 25	988.7 N	14	-15	-16	-26	0	
11 UNL 25	994.9 N	02	-35	-35	-55	0	
12 UNL 25	998.3 N	02	-41	0			
13 120 10	S-	982.3 W	10	-20	-10	-20	10
14 080 07	S-	989.7 M	04	-20	-20	-38	10
15 UNL 25	993.9 C	00	-38	0			
16 UNL 25	1002.1 C	00	-36	0			
17 UNL 25	1015.5 N	12	-23	-23	-43	1	
18 UNL 25	1005.6 NNE	06	-32	-32	-44	0	
19 UNL 25	1010.4 C	00	-30	-30	-41	4	
20 UNL 25	1025.7 C	00	-25	-25	-41	0	
21 000 00	BS	1015.5 N	24	-17	-17	-25	10
22 UNL 25	993.0 NW	16	-02	-03	-12	2	
23 050 20	997.1 N	12	-04	-04	-11	10	
24 UNL 25	999.6 M	06	-17	-18	-48	0	
25 200 25	988.0 S	10	-09	-09	-18	10	
26 UNL 25	991.4 E	02	-23	-23	-40	0	
27 020 15	995.1 NW	08	-21	-22	-37	10	
28 UNL 15	1000.7 N	12	-18	-19	-39	1	

AVG 997.9 06 -23 -23 -35 03

Date	Calling (1000, R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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CLYDE NMT
FEBRUARY 1959 0700 EST

01 UNL 25	995.9 C	00	-30	-31	-50	1	
02 UNL 02	F	990.3 C	00	-44	0		
03 UNL 25	996.0 C	00	-32	-32	-38	1	
04 020 15	999.0 N	12	-18	-19	-34	10	
05 UNL 02	F	995.7 N	08	-12	-13	-26	6
06 UNL 25	993.5 SSW	06	-09	-10	-22	6	
07 UNL 25	988.7 N	04	-15	-15	-43	3	
08 UNL 25	995.9 C	00	-28	-28	-43	1	
09 UNL 10	994.2 M	10	-20	-20	-35	3	
10 UNL 25	989.2 N	08	-15	-15	-28	6	
11 UNL 25	994.7 C	00	-33	-33	-43	0	
12 UNL 25	996.6 C	00	-38	0			
13 020 01	S-	987.3 SSW	06	-12	-12	-22	10
14 020 08	990.8 N	04	-21	-21	-36	10	
15 UNL 25	994.5 N	06	-37	1			
16 100 15	F	1005.2 C	00	-34	10		
17 120 05	1014.7 E	06	-21	-21	-42	10	
18 UNL 25	1005.6 M	03	-32	-32	-39	0	
19 120 22	1012.4 SW	02	-26	-26	-59	10	
20 200 20	1025.2 S	02	-26	-26	-46	10	
21 UNL 10	1012.2 NW	08	-20	-20	-35	0	
22 UNL 25	992.5 N	10	-00	-02	-16	1	
23 200 25	998.6 M	10	-03	-03	-10	8	
24 UNL 25	999.0 NW	06	-20	-20	-40	0	
25 200 25	990.6 S	04	00	-01	-10	0	
26 UNL 25	992.0 C	00	-25	-25	-36	1	
27 000 00	1/4F	996.1 N	10	-22	-22	-38	10
28 UNL 25	1002.5 N	04	-21	-22	-30	8	

AVG 998.1 05 -22 05

CLYDE NMT
FEBRUARY 1959 1000 EST

01 UNL 25	994.5 C	00	-34	-33	-35	2	
02 UNL 25	990.4 C	00	-40	0			
03 080 03	F	997.7 C	00	-27	-27	-44	8
04 000 00	3/4BS	997.7 NW	16	-16	-16	-30	10
05 100 25	995.2 W	08	-13	-14	-26	8	
06 180 20	993.5 SW	02	-06	-07	-15	8	
07 UNL 25	989.8 N	02	-15	-16	-31	1	
08 UNL 25	990.2 C	00	-20	-20	-35	4	
09 010 01	F	993.4 W	06	-17	-17	-28	9
10 200 25	989.8 N	20	-17	-17	-27	8	
11 UNL 25	994.5 C	00	-34	-34	-44	0	
12 UNL 25	997.2 C	00	-39	0			
13 020 10	982.9 SSW	06	-10	-11	-22	6	
14 010 10	992.2 C	00	-23	-24	-40	10	
15 UNL 25	995.3 N	02	-34	-34	-43	1	
16 100 25	1007.9 C	00	-35	8			
17 120 08	1013.0 N	08	-17	-18	-37	9	
18 UNL 25	1005.0 C	00	-34	0			
19 UNL 25	1019.2 S	02	-30	-30	-42	9	
20 200 20	1024.3 N	02	-23	-23	-40	10	
21 UNL 02	BS	1007.6 NW	20	-12	-13	-19	0
22 UNL 25	991.2 W	02	05	04	-06	0	
23 040 25	1000.7 N	08	-07	-08	-18	8	
24 UNL 25	998.2 S	02	-16	-16	-32	0	
25 200 25	985.4 SSW	22	06	06	00	10	
26 UNL 25	992.7 C	00	-21	-21	-36	4	
27 010 01	F BS	997.3 M	22	-22	-22	-38	10
28 UNL 25	1003.1 NNE	02	-22	-22	-38	8	

AVG 994.5 05 -21 -21 -30 05

Date	Calling (1000, R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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CLYDE NMT
FEBRUARY 1959 1300 EST

01 UNL 25	993.2 C	00	-33	-33	-39	1	
02 UNL 25	990.0 C	00	-42	0			
03 UNL 25	996.0 C	00	-26	-26	-50	2	
04 000 00	1/2F BS	996.1 N	14	-14	-14	-21	3
05 UNL 25	994.7 W	06	-14	-14	-21	3	
06 UNL 25	992.6 SE	06	-05	-05	-14	4	
07 UNL 25	990.9 C	00	-21	-21	-33	0	
08 UNL 25	998.9 N	08	-15	-15	-22	1	
09 000 00	1/8F BS	991.2 NW	20	-15	-15	-22	10
10 090 25	990.2 N	16	-16	-17	-29	10	
11 UNL 25	994.9 C	00	-40	0			
12 UNL 25	993.7 N	02	-30	-30	-39	0	
13 080 02	S-	983.5 WSW	02	-13	-14	-24	9
14 020 02	S-	992.6 M	02	-23	-23	-37	10
15 UNL 25	996.4 N	02	-31	-31	-37	2	
16 120 10	1009.6 N	02	-33	-33	-39	7	
17 UNL 20	1011.2 NE	04	-18	-19	-39	4	
18 UNL 25	1004.9 C	00	-32	-32	-41	0	
19 020 10	1017.3 S	04	-24	-24	-34	10	
20 005 02	F	1023.0 N	14	-21	-21	-38	10
21 UNL 00	1/2BS	1005.2 NW	36	-10	-10	-17	0
22 UNL 25	992.2 N	10	05	04	-05	0	
23 030 01	F	1001.2 N	16	-06	-06	-15	10
24 UNL 25	996.9 S	02	-18	-18	-34	0	
25 120 25	985.2 S	20	05	05	-02	9	
26 UNL 25	992.7 C	00	-20	-20	-35	3	
27 UNL 00	1/2F BS	997.7 N	18	-23	-23	-37	8
28 UNL 25	1005.7 N	06	-19	-20	-36	7	

AVG 997.7 08 -20 05

CLYDE NMT
FEBRUARY 1959 1600 EST

01 UNL 25	992.0 C	00	-34	-33	-35	1	
02 UNL 25	990.4 C	00	-44	0			
03 UNL 25	999.6 C	00	-31	-31	-44	0	
04 080 25	995.7 NW	12	-15	-15	-22	8	
05 UNL 25	994.6 N	06	-16	-16	-30	1	
06 UNL 01	BS	992.9 NW	16	-08	-08	-16	2
07 UNL 25	993.2 N	04	-24	-24	-39	1	
08 UNL 25	993.3 N	06	-20	-20	-36	4	
09 000 00	BS	988.6 NW	24	-13	-13	-20	10
10 000 01	F	991.1 N	10	-19	-20	-36	10
11 UNL 25	995.2 C	00	-36	0			
12 UNL 25	990.0 N	04	-26	-26	-42	5	
13 080 25	S-	985.2 S	06	-18	-18	-26	10
14 020 03	S-	993.7 C	00	-24	-24	-42	10
15 UNL 25	997.7 N	04	-36	2			
16 100 25	1011.9 SW	04	-31	-31	-40	4	
17 UNL 25	1009.8 S	06	-22	-22	-38	1	
18 UNL 25	1005.7 C	00	-31	-31	-40	0	
19 UNL 20	1020.1 W	02	-27	-28	-50	1	
20 005 00	1/2BS	1021.3 NW	16	-21	-22	-37	10
21 UNL 00	1/4BS	1002.2 N	27	-11	-11	-20	0
22 UNL 25	992.4 C	00	-08	-08	-16	1	
23 030 01	F	1001.9 N	12	-07	-07	-17	10
24 UNL 25	996.2 S	02	-22	-22	-38	0	
25 200 25	987.2 ENE	10	-02	-03	-13	8	
26 UNL 25	993.4 SE	02	-23	-23	-37	2	
27 200 01	F	998.6 N	12	-25	-25	-43	9
28 UNL 25	1005.6 C	00	-19	-19	-35	7	

AVG 998.1 07 -22 -22 -32 04

Date	Calling (1000, R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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CLYDE NMT
FEBRUARY 1959 1900 EST

01 UNL 25	990.8 C	00	-34	-34	-55	0
02 UNL 25	990.9 C	00	-41	0		
03 UNL 25						

SYNOPTIC OBSERVATIONS

CLYDE

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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CLYDE NWT
APRIL 1959 0100 EST

01 UNL 25	1008.4 C	00	-26	-26	-46	0				
02 UNL 25	1009.4 C	00	-22	-23	-56	1				
03 UNL 15	1010.4 C	00	-20	-21	-36	3				
04 UNL 25	1012.0 ESE	02	-29	-29	-52	0				
05 100 25	1005.6 C	00	-02	-02	-06	10				
06 UNL 25	1018.2 SW	08	-13	-13	-18	0				
07 100 25	1018.4 N	02	-10	-10	-15	10				
08 UNL 25	1030.2 C	00	-23	-23	-31	1				
09 UNL 25	1025.5 C	00	-15	-15	-22	2				
10 UNL 25	1027.8 SE	02	-23	-23	-24	0				
11 UNL 25	1022.3 SW	14	-09	-09	-10	0				
12 UNL 25	1013.8 S	04	-04	-04	-09	4				
13 030 25	1018.6 NW	14	07	07	04	10				
14 UNL 25	1021.1 C	00	-07	-06	-10	3				
15 UNL 25	1030.9 C	00	-06	-06	-11	1				
16 UNL 25	1035.6 C	00	-06	-06	-11	0				
17 UNL 25	1032.3 C	00	-03	-04	-10	2				
18 UNL 25	1030.0 C	00	00	00	-03	0				
19 UNL 25	1027.9 NW	08	07	07	04	0				
20 UNL 25	1024.7 NW	04	02	02	-01	0				
21 UNL 25	1022.2 SE	02	-04	-04	-09	0				
22 UNL 25	1022.5 C	00	-08	-08	-11	0				
23 003 02	1022.9 NNE	02	-02	-02	-05	10				
24 005 10	1018.9 S	08	01	01	-03	10				
25 002 01	1014.5 E	12	06	06	03	10				
26 UNL 25	1009.3 SSW	22	10	09	02	2				
27 200 20	1014.6 C	00	-04	-04	-08	10				
28 008 00	990.7 NW	26	14	14	11	10				
29 200 25	990.2 S	13	02	02	-02	10				
30 180 25	1006.8 N	04	08	08	03	10				

AVG 1017.9 05 -06 -06 -13 04

CLYDE NWT
APRIL 1959 0400 EST

01 UNL 25	1008.6 C	00	-23	-23	-58	1				
02 200 25	1009.6 ENE	03	-18	-19	-39	10				
03 200 25	1011.0 E	03	-22	-22	-37	10				
04 UNL 25	1011.4 C	00	-26	-27	-47	0				
05 100 25	1007.0 SSW	18	-01	-01	-09	10				
06 UNL 25	1018.6 C	00	-15	-15	-21	0				
07 100 25	1020.7 SE	02	-15	-15	-20	8				
08 UNL 25	1030.5 C	00	-21	-21	-22	1				
09 UNL 25	1025.1 C	00	-18	-18	-24	7				
10 UNL 25	1028.8 SE	02	-21	-21	-24	0				
11 UNL 25	1021.1 NNE	10	-15	-15	-20	10				
12 200 25	1013.9 S	06	07	03	-09	9				
13 030 25	1018.6 NW	06	07	06	01	9				
14 UNL 25	1022.8 C	00	-06	-06	-10	0				
15 UNL 25	1032.5 C	00	-06	-06	-10	1				
16 UNL 25	1035.8 C	00	-03	-03	-08	1				
17 UNL 25	1032.1 C	00	-11	-11	-16	9				
18 UNL 25	1031.0 C	00	00	-01	-05	0				
19 UNL 25	1028.1 N	04	06	06	02	0				
20 UNL 25	1024.5 NW	04	00	-01	-08	0				
21 UNL 25	1022.2 ESE	02	-06	-06	-09	0				
22 UNL 00 1/4F	1022.7 C	00	-11	-11	-14	0				
23 001 06 3/4S-F	1022.6 C	00	-02	-02	-06	10				
24 005 10	1018.6 S	06	01	01	-03	10				
25 000 00 3/8S	1012.2 E	06	07	07	04	10				
26 UNL 25	1011.4 SSW	20	09	09	04	2				
27 100 20	1013.6 C	00	-03	-04	-10	10				
28 005 00 1/2S-B5	988.2 NW	22	17	17	14	10				
29 200 25	991.9 S	09	02	02	-02	10				
30 180 25	1009.4 C	00	05	05	00	10				

AVG 1018.2 04 -06 -07 -13 05

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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CLYDE NWT
APRIL 1959 0700 EST

01 UNL 25	1009.3 E	04	-20	-20	-32	2				
02 UNL 25	1010.3 C	00	-20	-21	-35	10				
03 UNL 25	1011.7 C	02	-22	-22	-37	0				
04 UNL 25	1010.7 C	00	-22	-22	-38	0				
05 100 15	1007.8 SW	28	05	05	01	10				
06 UNL 25	1018.6 ENE	04	-10	-10	-17	0				
07 200 25	1022.7 ESE	02	-15	-15	-26	10				
08 220 25	1030.4 ENE	02	-18	-18	-24	10				
09 UNL 25	1024.7 W	08	-16	-16	-23	1				
10 UNL 25	1028.7 C	00	-21	-21	-34	0				
11 UNL 25	1019.6 NNE	10	-13	-13	-17	1				
12 033 25	1014.5 W	08	01	00	-08	10				
13 UNL 25	1018.6 ENE	02	07	07	03	5				
14 UNL 25	1024.1 E	02	02	02	-03	2				
15 UNL 25	1033.8 C	00	-01	-02	-12	0				
16 UNL 25	1035.7 NW	02	04	03	-06	0				
17 UNL 25	1031.6 C	00	-04	-07	-20	7				
18 UNL 25	1030.9 SSW	04	11	11	07	0				
19 UNL 25	1027.7 NNW	08	08	08	04	0				
20 UNL 25	1024.4 SSW	03	-02	-02	-11	0				
21 UNL 25	1022.3 C	00	-06	-07	-21	0				
22 UNL 10	1023.3 C	00	-06	-06	-16	7				
23 008 15	1022.0 C	00	03	03	-03	10				
24 005 10	1018.3 S	05	03	03	-02	10				
25 002 00 1/2S	1009.0 NNW	06	09	09	06	10				
26 UNL 25	1012.1 SSW	24	10	10	05	1				
27 200 25	1011.5 C	00	07	06	-02	10				
28 005 00 1/2S-B5	986.3 NW	30	18	18	15	10				
29 UNL 25	993.5 ESE	08	05	05	01	10				
30 UNL 25	1011.3 NNE	02	07	07	02	9				

AVG 1018.2 05 -03 -04 -12 05

CLYDE NWT
APRIL 1959 1000 EST

01 UNL 25	1009.2 S	02	-15	-15	-28	2				
02 UNL 25	1010.3 C	00	-10	-11	-29	3				
03 UNL 25	1012.1 ESE	02	-15	-15	-28	0				
04 UNL 25	1009.4 C	00	-16	-16	-18	0				
05 100 15	1009.6 SSW	18	04	04	01	9				
06 UNL 25	1018.0 SE	03	09	09	-13	0				
07 200 25	1024.2 W	02	-05	-06	-13	10				
08 UNL 25	1029.6 NE	04	-13	-13	-17	3				
09 UNL 25	1024.6 W	08	-08	-08	-13	1				
10 UNL 25	1028.6 ESE	02	-13	-13	-18	0				
11 UNL 25	1017.3 NE	10	02	01	-04	0				
12 030 02	1018.3 NE	06	07	07	03	9				
13 UNL 25	1018.2 N	06	11	11	08	4				
14 UNL 25	1025.5 C	00	08	08	05	2				
15 UNL 25	1034.2 C	00	08	07	02	0				
16 UNL 25	1039.2 C	00	10	08	-04	2				
17 UNL 25	1031.2 C	00	03	03	00	4				
18 UNL 25	1030.3 N	10	13	11	01	0				
19 UNL 25	1027.0 NW	08	17	15	07	0				
20 UNL 25	1023.5 NE	00	13	12	03	3				
21 UNL 25	1022.3 C	00	10	07	-12	0				
22 020 20	1023.1 NE	06	03	03	-02	10				
23 020 10	1021.3 C	00	11	10	-01	10				
24 010 15	1017.9 S	06	04	04	-01	10				
25 002 00 1/4S+	1004.9 W	15	10	10	06	10				
26 UNL 25	1013.5 SW	16	15	15	11	0				
27 001 01	1008.3 NE	02	12	11	08	10				
28 015 03	986.6 NW	24	19	19	16	10				
29 UNL 25	994.5 S	06	13	13	10	8				
30 UNL 25	1012.5 NNW	02	14	13	07	9				

AVG 1017.9 05 03 03 -04 04

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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CLYDE NWT
APRIL 1959 1300 EST

01 UNL 25	1009.2 S	02	-09	-09	-15	6				
02 UNL 25	1009.9 C	00	-08	-09	-21	5				
03 UNL 25	1012.0 E	02	-12	-12	-22	0				
04 UNL 25	1008.3 C	00	-10	-10	-17	0				
05 100 15	1010.6 SW	34	04	03	-02	7				
06 UNL 25	1017.1 C	00	01	00	-08	1				
07 UNL 25	1024.1 S	06	-03	-04	-08	10				
08 UNL 25	1029.0 NE	06	-09	-09	-13	4				
09 UNL 25	1025.0 NW	08	-04	-04	-09	1				
10 UNL 25	1027.8 NE	02	-08	-08	-14	0				
11 UNL 25	1016.0 ENE	08	05	05	01	0				
12 030 25	1016.5 N	06	10	10	06	9				
13 UNL 25	1018.2 NNW	14	10	10	07	3				
14 UNL 25	1024.7 C	00	10	10	07	1				
15 UNL 25	1034.8 NE	02	13	13	09	0				
16 UNL 25	1034.7 N	02	15	13	03	3				
17 UNL 25	1030.3 C	00	08	08	05	0				
18 UNL 25	1029.7 NNW	06	21	19	11	0				

SYNOPTIC OBSERVATIONS

CLYDE

Date	Calling (1000's RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
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CLYDE NMT
MAY 1959 0100 EST

01 UNL 25	1020.6	C	00	-05	-06	-15	0			
02 010 15	1028.6	NW	10	08	08	03	10			
03 020 15	1032.6	ESE	08	12	12	09	10			
04 005 00	1021.6	NW	20	12	12	09	10			
05 UNL 25	1026.4	NW	06	05	05	00	3			
06 080 25	1017.9	C	00	04	04	-01	10			
07 090 15	1010.3	S	08	04	04	-01	10			
08 UNL 25	1007.5	N	02	-08	-08	-13	2			
09 UNL 25	1002.7	NE	02	-09	-09	-15	1			
10 UNL 25	1010.9	SM	25	07	07	02	4			
11 200 25	1022.1	NNE	04	02	01	-05	10			
12 010 06	1029.9	E	04	05	05	00	10			
13 UNL 25	1031.9	C	00	-05	-05	-09	1			
14 005 10	1029.9	ENE	04	-03	-03	-07	10			
15 010 15	1027.6	N	04	08	08	03	10			
16 020 20	1026.4	NW	02	13	12	08	10			
17 UNL 25	1027.2	NW	02	11	11	08	7			
18 UNL 25	1023.0	NW	04	17	17	14	1			
19 UNL 25	1020.6	NW	07	17	16	10	1			
20 100 25	1017.5	NW	05	26	24	19	10			
21 UNL 25	1011.5	C	00	11	11	07	2			
22 000 00	1009.4	NE	06	24	24	22	10			
23 005 10	1008.3	NW	08	18	17	14	10			
24 000 00	1011.4	C	00	18	18	16	10			
25 000 00	1011.8	NW	06	23	22	20	10			
26 005 05	1009.5	NW	23	22	20	10	10			
27 020 20	1009.9	NW	02	25	25	23	9			
28 001 00	1008.3	N	04	26	26	25	10			
29 010 01	1006.2	NW	22	23	23	22	10			
30 025 25	1007.4	NW	08	26	25	23	9			
31 UNL 25	1010.0	N	02	16	14	08	1			
AVG	1017.4		06	11	11	07	07			

CLYDE NMT
MAY 1959 0400 EST

01 UNL 25	1022.8	C	00	-04	-04	-11	0			
02 010 15	1029.3	S	04	09	09	05	10			
03 020 25	1032.2	SW	06	08	08	04	8			
04 010 00	1022.5	NW	18	11	11	08	10			
05 UNL 25	1026.0	N	02	04	03	-02	2			
06 080 25	1016.6	N	04	06	05	00	10			
07 UNL 25	1010.0	WSW	02	02	01	-05	3			
08 002 00	1007.3	NNE	02	-08	-07	-08	9			
09 UNL 25	1002.4	NW	04	-07	-07	-12	0			
10 200 25	1013.7	S	14	05	04	-02	8			
11 200 25	1023.1	N	04	06	05	-01	10			
12 010 00	1030.8	NW	04	08	08	04	10			
13 UNL 25	1031.6	C	00	-04	-04	-09	1			
14 000 00	1029.9	NW	06	02	02	-01	10			
15 010 15	1027.5	NNE	02	09	08	03	10			
16 100 25	1026.1	N	02	16	15	11	9			
17 UNL 25	1027.4	NW	02	16	15	09	6			
18 UNL 25	1022.8	NW	18	18	18	15	2			
19 UNL 25	1021.0	S	06	25	23	16	2			
20 100 25	1016.2	NW	04	28	25	17	10			
21 UNL 25	1012.1	NNE	04	17	16	11	2			
22 000 00	1009.4	NE	08	22	22	20	10			
23 003 05	1008.9	NW	12	17	17	15	10			
24 000 00	1012.1	NE	02	18	18	16	10			
25 001 02	1012.1	NW	10	18	18	10	10			
26 003 01	1006.2	NW	24	24	22	10	10			
27 010 02	1010.5	NW	02	18	18	16	8			
28 001 00	1008.3	N	08	27	27	26	10			
29 025 01	1005.4	NW	20	23	23	22	10			
30 025 25	1007.9	NW	08	26	26	24	9			
31 UNL 05	1009.9	C	00	15	14	09	0			
AVG	1017.5		06	12	12	08	07			

Date	Calling (1000's RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
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CLYDE NMT
MAY 1959 0700 EST

01 UNL 25	1024.8	N	02	02	01	-07	0			
02 020 25	1030.0	W	04	11	10	09	10			
03 020 15	1031.1	NW	04	15	15	11	10			
04 200 10	1023.4	NW	16	11	10	05	10			
05 200 25	1025.4	NW	02	11	10	05	10			
06 010 20	1015.6	NW	13	06	06	01	10			
07 UNL 25	1009.4	NW	04	06	06	03	1			
08 002 15	1007.5	NNE	04	-09	-09	-07	10			
09 UNL 25	1003.1	C	00	-09	-06	-18	0			
10 UNL 25	1016.4	ENE	04	03	02	-07	2			
11 070 06	1025.7	NW	10	07	07	03	10			
12 200 15	1031.8	NW	16	08	08	06	10			
13 UNL 25	1031.6	NW	02	06	05	-04	0			
14 015 07	1029.7	NW	08	06	06	02	10			
15 004 10	1027.7	C	00	11	10	04	10			
16 UNL 25	1026.6	C	00	21	19	11	2			
17 090 25	1027.4	NW	02	27	24	17	8			
18 UNL 25	1022.9	NW	06	23	21	15	8			
19 UNL 25	1021.1	NW	04	28	26	26	5			
20 040 25	1019.1	NW	02	31	30	28	10			
21 UNL 25	1012.3	C	00	22	20	13	3			
22 002 01	1009.1	NNE	04	21	21	20	10			
23 003 03	1009.2	NW	04	19	19	17	10			
24 000 10	1012.3	C	00	20	20	18	10			
25 002 05	1012.1	NW	11	19	19	16	10			
26 003 10	1009.9	NW	12	25	25	20	10			
27 005 03	1010.8	N	08	23	22	20	10			
28 005 00	1008.3	N	10	27	26	24	10			
29 010 02	1004.4	NW	20	25	25	24	10			
30 020 20	1008.6	NW	16	26	25	24	10			
31 UNL 00	1009.7	SSE	06	16	16	13	0			
AVG	1017.7		06	15	15	10	07			

CLYDE NMT
MAY 1959 1000 EST

01 UNL 25	1025.9	N	06	06	05	00	0			
02 020 25	1030.7	NW	04	16	14	06	10			
03 025 20	1029.7	NW	02	21	19	10	10			
04 200 00	1023.2	NW	24	11	10	09	10			
05 200 25	1024.0	NW	02	18	15	04	10			
06 010 01	1014.6	NW	20	07	07	03	10			
07 UNL 25	1008.7	NW	04	11	10	06	1			
08 002 05	1006.6	E	02	09	07	-04	10			
09 UNL 25	1003.7	SSE	02	07	06	-01	2			
10 UNL 25	1017.4	E	08	07	07	01	1			
11 070 02	1025.3	NW	10	10	10	06	10			
12 200 25	1032.2	NW	18	09	09	06	8			
13 UNL 25	1031.5	NW	10	09	09	06	1			
14 020 03	1028.9	NW	10	10	10	05	10			
15 UNL 25	1027.6	NNE	02	14	13	06	5			
16 UNL 25	1026.8	N	02	23	21	15	2			
17 100 25	1027.1	N	08	27	26	21	8			
18 UNL 25	1021.9	NW	10	26	23	16	7			
19 UNL 25	1020.1	NW	02	33	33	32	3			
20 040 25	1014.2	NW	08	32	32	31	9			
21 UNL 25	1012.4	C	00	33	30	22	2			
22 002 02	1008.7	N	08	26	25	22	10			
23 003 02	1009.5	N	06	23	22	18	10			
24 000 00	1012.7	NW	05	27	25	19	10			
25 002 05	1011.7	NW	12	22	21	18	10			
26 015 20	1008.2	NW	12	27	26	24	10			
27 UNL 20	1010.9	N	04	29	28	26	2			
28 005 00	1008.3	NW	16	27	26	24	10			
29 005 00	1003.8	NW	20	27	27	25	10			
30 040 25	1008.9	NW	12	28	28	26	7			
31 UNL 25	1009.0	NW	04	31	29	25	0			
AVG	1017.6		08	20	19	14	07			

Date	Calling (1000's RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
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CLYDE NMT
MAY 1959 1300 EST

01 UNL 25	1026.6	NNE	06	08	08	04	2			
02 025 25	1031.2	NW	08	17	16	11	10			
03 005 00	1027.3	C	00	22	20	11	10			
04 005 00	1024.2	NW	20	14	14	10	10			
05 200 25	1023.0	NW	02	18	18	08	10			
06 200 20	1013.4	NW	18	09	09	05	10			
07 UNL 25	1008.1	NW	14	09	08	03	10			
08 002 15	1006.0	WSW	04	11	10	-01	8			
09 UNL 25	1004.9	N	08	10	10	05	4			
10 UNL 25	1018.4	SSW	02	15	14	09	2			
11 070 06	1025.7	NW	16	11	10	05	10			

SYNOPTIC OBSERVATIONS

CLYDE

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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CLYDE MMT
JUNE 1959 0100 EST

01 005 10				1005.0	N	02	24	23	21	10
02 005 02	S-			1002.3	SW	04	26	26	25	10
03 005 10	S-			1005.3	E	07	29	28	27	10
04 000 00	1/2F			1009.6	N	07	24	24	22	10
05 080 25				1006.0	NNW	04	31	29	25	9
06 UNL 25				1012.0	N	04	22	22	20	3
07 UNL 25				1015.1	C	00	27	26	22	1
08 UNL 25				1017.6	NE	04	28	26	20	7
09 UNL 25				1018.9	NW	08	27	26	24	1
10 UNL 25				1010.9	NNW	02	26	25	20	0
11 090 25				1008.7	NW	06	31	30	28	8
12 025 06	S-			1008.3	N	04	29	29	27	10
13 100 25				1013.4	NW	04	29	29	28	9
14 005 00	1/4S-BS			1011.9	NNW	22	30	29	29	10
15 UNL 25				1024.5	SW	05	32	31	29	4
16 UNL 25				1037.4	SE	12	36	34	30	1
17 UNL 25				1031.9	NW	04	37	27	26	3
18 200 25				1019.8	SSW	04	29	28	26	8
19 003 08				1015.5	NNW	14	29	28	27	9
20 030 10				1013.1	C	00	27	26	25	9
21 100 25				1007.9	C	00	33	33	32	10
22 010 20				1005.3	NW	16	33	32	31	10
23 UNL 25				1011.9	NW	04	31	30	29	1
24 000 00	1/8F			1016.2	ENE	04	34	34	33	10
25 005 10				1021.9	NNW	11	33	32	31	10
26 002 02	F			1022.4	N	07	31	31	31	10
27 200 25				1022.6	ENE	04	36	35	32	7
28 UNL 25				1019.3	C	00	36	34	30	1
29 120 25				1009.5	NNW	04	36	36	34	6
30 001 01	L-F			1001.0	E	08	34	34	33	10

AVG 1014.1 06 30 29 27 07

CLYDE MMT
JUNE 1959 0400 EST

01 005 10				1002.3	NNW	12	24	24	23	10
02 010 10				1002.7	SW	02	27	26	24	10
03 005 05	S-			1006.1	ESE	02	30	29	27	10
04 002 02	F			1010.0	N	07	24	24	23	10
05 025 10	S-			1006.5	NW	01	30	29	27	9
06 UNL 25				1012.4	N	02	26	25	21	1
07 UNL 25				1015.8	NNW	02	30	28	25	0
08 UNL 25				1018.0	NW	02	26	25	21	8
09 UNL 25				1018.2	NW	10	30	29	27	1
10 UNL 25				1010.2	N	02	29	28	24	0
11 090 25				1009.7	NW	02	33	32	30	9
12 025 04	S-			1008.6	N	02	31	30	28	10
13 025 15				1013.5	NNW	04	31	31	31	10
14 000 00	1/4BS			1011.7	NNW	28	30	30	30	10
15 UNL 25				1026.2	S	12	34	33	32	4
16 UNL 25				1037.4	S	14	38	36	33	0
17 UNL 25				1030.3	NW	02	29	28	26	2
18 090 25				1019.1	NNW	02	30	29	27	9
19 005 10				1015.4	NNW	12	30	29	28	9
20 050 25				1013.1	NNW	02	30	29	27	9
21 100 25				1006.0	SE	14	38	35	30	9
22 030 25				1006.5	NNW	10	32	32	31	10
23 200 25				1012.3	NNW	02	33	32	30	9
24 002 02	F			1018.3	N	07	35	34	33	10
25 008 10				1021.8	NNW	12	33	32	31	10
26 100 25				1023.1	N	06	33	32	30	7
27 100 25				1022.6	N	06	38	37	35	7
28 UNL 25				1018.1	C	00	36	35	33	4
29 UNL 25				1009.5	NNW	04	36	36	34	6
30 001 01	L-F			1000.8	E	12	34	34	34	10

AVG 1014.2 07 31 31 29 07

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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CLYDE MMT
JUNE 1959 0700 EST

01 200 25				1001.6	NNW	12	26	25	22	9
02 005 08				1004.0	NW	04	31	29	25	10
03 020 10				1006.6	NW	02	33	30	26	10
04 002 02	S-			1009.9	NNW	10	27	25	20	10
05 025 03	S-			1008.0	NNW	02	32	30	28	10
06 UNL 25				1013.2	N	02	30	27	23	1
07 UNL 25				1016.4	NW	10	30	28	25	1
08 UNL 25				1018.5	C	00	38	34	25	8
09 UNL 25				1017.7	NW	15	33	32	31	8
10 UNL 25				1009.9	C	00	35	32	27	0
11 028 10	S-			1012.8	NW	04	35	32	30	10
12 005 06	S-			1009.4	N	04	32	30	28	10
13 005 02	S-F			1014.2	N	11	31	31	30	10
14 005 00	1/4BS			1021.7	NW	20	31	31	30	9
15 200 25				1028.8	N	05	39	36	30	10
16 UNL 25				1037.0	SW	04	42	38	32	0
17 UNL 25				1028.4	NNW	04	32	28	26	10
18 200 25				1017.8	E	02	35	33	29	6
19 010 20				1013.0	NNW	12	30	29	27	10
20 050 20				1012.9	NNW	11	34	33	30	10
21 050 25				1005.1	SW	04	40	37	32	9
22 030 25				1007.3	NW	14	32	31	29	10
23 120 20				1028.4	NNW	02	34	32	28	2
24 003 08				1019.1	N	10	35	34	33	9
25 005 10				1021.5	N	12	33	33	32	10
26 UNL 25				1023.1	N	08	40	37	32	5
27 UNL 25				1022.6	N	06	43	40	35	5
28 120 25				1017.0	SW	02	40	38	34	7
29 200 25				1007.7	SW	02	39	37	35	10
30 002 02	R-F			999.8	E	14	35	35	34	10

AVG 1014.2 07 34 32 29 08

CLYDE MMT
JUNE 1959 1000 EST

01 100 25				1001.1	N	14	29	28	25	9
02 010 10				1003.7	NE	02	36	35	32	10
03 UNL 10				1007.2	NE	06	35	33	29	8
04 002 03	F			1009.9	NW	10	29	28	24	10
05 100 06	S-			1008.9	NW	08	32	32	31	9
06 UNL 25				1013.2	SW	02	37	34	29	0
07 UNL 25				1016.6	NNW	10	33	30	25	0
08 UNL 25				1018.4	NNW	04	40	39	37	8
09 UNL 25				1016.5	NNW	16	36	33	27	8
10 UNL 25				1009.5	C	00	41	37	31	0
11 005 02	R-SF			1008.2	NW	09	33	32	30	10
12 005 10	S-			1010.0	NNE	04	34	32	29	10
13 005 00	5/8S-			1014.1	N	11	34	33	30	10
14 080 25				1013.2	NW	21	32	31	29	8
15 UNL 25				1031.3	N	04	45	39	30	4
16 UNL 25				1036.1	S	08	42	38	30	0
17 UNL 25				1027.6	WSW	03	36	34	30	3
18 200 25				1017.3	NNE	07	36	34	30	8
19 UNL 25				1014.8	NNW	12	33	32	29	4
20 030 25				1012.6	NW	06	36	35	32	10
21 050 25				1003.7	SSE	12	44	39	31	9
22 090 25				1008.2	NNW	10	34	32	29	10
23 005 08				1012.7	S	02	38	36	33	6
24 005 10				1020.1	N	08	36	35	32	10
25 008 15				1021.5	N	14	34	33	32	9
26 UNL 25				1023.2	N	08	42	39	33	7
27 UNL 25				1022.3	NNW	08	46	41	34	3
28 UNL 25				1015.6	SW	06	40	38	32	2
29 200 25				1007.3	ENE	11	43	40	36	10
30 002 02	R-F			1001.5	W	05	35	35	34	10

AVG 1014.2 08 37 35 31 07

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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CLYDE MMT
JUNE 1959 1300 EST

01 200 25				1001.1	NNW	10	31	30	28	9
02 020 10				1004.0	SW	04	35	34	31	10
03 UNL 25				1007.8	NW	02	36	32	24	5
04 030 25				1009.2	N	10	33	31	28	10
05 020 25				1010.1	E	02	39	37	34	8
06 UNL 25				1012.9	SW	02	40	37	34	0
07 UNL 25				1016.6	NNW	06	36	33	27	0
08 UNL 25				1018.8	NNW	12	36	33	27	3
09 UNL 25				1015.6	NNW	10	37	34	29	3
10 UNL 25				1009.5	S	03	41	38	33	1
11 025 10	S-			1007.8	NW	08	35	33	31	10
12 015 10	S-			1010.8	NE	06	34	32	28	10
13 005 00	5/8S-			1013.0	N	10	34	33	30	10
14 080 25				1015.1	NW	21	34	32	29	7
15 UNL 25				1033.4	ENE	10	43	38	31	4
16 UNL 25										

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 (tenths)
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EUREKA NMT
JANUARY 1959 0100 EST

01 050 10	S-	1014.6 C	00 -38	10						
02 020 06	S-	1025.6 W	12 -30 -30	-36	10					
03 UNL 20		1037.0 E	06 +41	0						
04 UNL 20		1046.2 C	00 +47	0						
05 UNL 20		1040.8 ESE	07 +42	0						
06 UNL 20		1041.5 WNW	10 -36	0						
07 UNL 20		1041.6 WNW	12 -21 -22	-28	0					
08 UNL 20		1040.3 NE	12 -07 -08	-13	0					
09 UNL 20		1032.6 N	32 01 00 -07	0						
10 UNL 20		1030.2 N	20 00 00 -05	0						
11 UNL 20		1030.4 SE	03 -10 -10	-17	0					
12 UNL 20		1021.2 NE	05 -24 -24	-32	0					
13 UNL 20		1018.5 ENE	07 -16 -17	-25	0					
14 030 10	S-	1023.2 SE	03 -22 -22	-20	10					
15 UNL 20		1028.8 NE	04 -31 -31	-40	0					
16 UNL 20		1035.5 E	07 -35 -35	-45	0					
17 UNL 20		1039.4 SE	04 -37	0						
18 UNL 20		1029.5 NE	05 -35	1						
19 030 10	S-	1013.4 W	05 -13 -13	-19	10					
20 008 01	S-	1020.0 WNW	34 -02 -02	-07	10					
21 015 06	S-	1019.8 W	13 -07 -07	-12	10					
22 UNL 20		1025.3 N	07 -17 -17	-24	0					
23 UNL 20		1028.3 C	00 -31 -31	-40	2					
24 UNL 20		1008.3 NW	25 -15 -15	-20	0					
25 UNL 20		998.9 WNW	15 -17 -18	-24	0					
26 UNL 20		1007.0 E	08 -32 -32	-41	5					
27 030 00	3/4BS	1010.0 W	25 -25 -25	-31	10					
28 UNL 20		1011.9 E	06 -30	-36	5					
29 UNL 20		1009.0 ESE	06 -39	-45	0					
30 UNL 20		1017.2 E	05 +40	0						
31 UNL 20		1013.4 ESE	03 +47	0						
AVG		1024.6	10 -25	03						

EUREKA NMT
JANUARY 1959 0400 EST

01 UNL 10	S-	1019.7 NW	05 -35	10						
02 050 06	S-	1024.5 WNW	12 -30 -30	-35	10					
03 UNL 20		1039.7 E	07 +43	0						
04 UNL 20		1047.3 C	00 +46	0						
05 UNL 20		1041.5 NE	05 +41	0						
06 UNL 20		1041.4 N	02 -38	0						
07 UNL 20		1040.3 NW	10 -20 -20	-27	0					
08 UNL 20		1041.9 W	07 -07 -07	-12	0					
09 UNL 20		1031.7 N	25 01 00 -06	0						
10 UNL 20		1031.3 W	12 -01 -02	-06	0					
11 UNL 20		1030.4 W	20 -04 -04	-09	0					
12 UNL 20		1019.5 ESE	11 -23 -23	-30	0					
13 UNL 20		1019.0 E	03 -23 -23	-33	0					
14 UNL 20		1024.6 E	06 -25 -25	-31	1					
15 UNL 20		1029.5 NE	03 -32 -32	-42	0					
16 UNL 20		1037.1 E	04 -34	0						
17 UNL 20		1038.3 E	07 -37	0						
18 UNL 20		1028.3 ENE	03 -33 -33	-39	2					
19 030 10	S-	1012.2 WNW	15 -09 -09	-14	10					
20 UNL 10	S-	1021.2 N	12 -05 -05	-10	5					
21 002 00	1/4BS	1019.8 W	20 -09 -10	-13	10					
22 UNL 20		1026.4 ESE	05 -25 -25	-33	10					
23 UNL 20		1027.4 C	00 -32 -32	-38	1					
24 UNL 20		1027.2 N	08 -18 -18	-23	0					
25 UNL 20		1000.0 WNW	10 -18 -18	-24	0					
26 080 20		1007.3 WNW	05 -32 -32	-41	10					
27 UNL 20		1010.8 WNW	08 -28 -28	-34	0					
28 050 10		1012.6 C	00 -28 -28	-34	10					
29 080 20		1009.6 NE	05 -37	9						
30 UNL 20		1017.8 SE	05 +40	0						
31 UNL 20	IC	1011.9 ESE	05 +48	0						
AVG		1024.8	08 -26	03						

EUREKA NMT
JANUARY 1959 0700 EST

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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EUREKA NMT
JANUARY 1959 0700 EST

01 050 10		1017.5 NE	06 -39	10						
02 UNL 06	S-	1026.7 WNW	13 -30 -30	-36	10					
03 UNL 20		1041.8 ESE	06 +44	0						
04 UNL 20		1046.8 C	00 +46	0						
05 UNL 20		1040.9 E	04 +41	0						
06 UNL 20		1040.8 W	20 -28 -28	-34	0					
07 UNL 03	BS	1039.4 W	25 -15 -16	-22	0					
08 UNL 20		1042.0 NW	11 -10 -10	-15	0					
09 UNL 20		1030.1 N	18 -11 -12	-19	0					
10 UNL 20		1030.3 NW	12 -05 -05	-11	0					
11 UNL 20		1030.1 SE	05 -01 -01	-06	2					
12 UNL 20		1017.2 NE	02 -23 -23	-31	0					
13 UNL 20		1019.4 E	05 -28 -28	-36	0					
14 030 10	S-	1025.9 ESE	06 -23 -23	-29	10					
15 UNL 20		1029.7 ESE	04 -32 -32	-42	0					
16 UNL 20		1038.3 SE	04 +36	0						
17 UNL 20		1037.2 E	03 -37	0						
18 UNL 20		1026.1 ESE	06 -32 -32	-38	2					
19 030 06	S-	1012.6 W	15 -05 -05	-10	10					
20 010 10	S-	1021.1 WNW	12 -02 -02	-05	10					
21 005 06	S-	1019.9 WNW	08 -09 -09	-13	10					
22 UNL 20		1027.0 NE	05 -26 -26	-34	0					
23 UNL 20		1026.0 C	00 -32 -32	-38	8					
24 UNL 20		1004.9 N	20 -17 -17	-23	0					
25 UNL 20		1000.7 SE	15 -26 -26	-31	0					
26 060 20		1007.6 W	08 -22 -22	-28	10					
27 UNL 06	BS	1011.1 W	18 -27 -27	-33	0					
28 050 20		1012.9 E	04 -25 -25	-31	10					
29 UNL 20		1010.8 E	05 -34	8						
30 UNL 20		1017.9 E	08 -42	0						
31 UNL 20	IC	1009.7 C	00 +46	0						
AVG		1024.6	09 -26	03						

EUREKA NMT
JANUARY 1959 1000 EST

01 040 15		1019.4 C	00 -38	10						
02 050 15		1027.4 NW	12 -29 -29	-38	8					
03 UNL 20		1043.9 E	04 +46	0						
04 UNL 20		1046.2 ESE	04 +45	0						
05 UNL 15	IC	1041.6 NE	02 +40	0						
06 UNL 20		1040.7 NW	23 -27 -27	-35	0					
07 UNL 20		1038.4 WNW	25 -14 -14	-21	0					
08 UNL 20		1040.7 SW	07 -07 -07	-13	0					
09 UNL 20		1031.0 WNW	13 -12 -12	-19	0					
10 UNL 20		1029.2 WNW	12 -10 -10	-17	0					
11 UNL 20		1029.6 N	13 -03 -03	-08	1					
12 UNL 20		1016.4 E	10 -21 -21	-28	0					
13 UNL 20		1020.0 NE	04 -31 -31	-40	0					
14 UNL 20		1026.8 ESE	05 -26 -26	-32	1					
15 UNL 20		1030.3 SE	05 -33 -33	-40	0					
16 UNL 20		1039.4 E	05 -36	1						
17 UNL 20		1035.5 E	07 -37	0						
18 UNL 20		1023.5 ENE	04 -31 -31	-37	2					
19 020 06	S-	1012.6 WNW	20 -02 -02	-06	10					
20 010 00	S-	1020.8 W	15 -03 -03	-07	10					
21 005 06	S-	1020.4 NW	12 -12 -12	-17	10					
22 UNL 20		1027.5 SE	03 -29 -29	-35	1					
23 100 20		1024.0 ESE	05 -31 -31	-37	8					
24 UNL 01	BS	1003.7 NW	20 -20 -20	-25	0					
25 UNL 20		1020.0 NE	10 -27 -27	-33	0					
26 010 06	S-	1007.3 W	16 -19 -19	-24	10					
27 UNL 06	BS	1010.9 W	20 -25 -25	-31	0					
28 050 10		1012.2 NNE	04 -24 -24	-30	10					
29 050 10	S-	1012.0 ESE	06 -33 -33	-40	9					
30 UNL 20		1017.8 E	03 +43	0						
31 020 06	IC	1007.9 C	00 +46	9						
AVG		1024.5	09 -26	03						

EUREKA NMT
JANUARY 1959 1300 EST

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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EUREKA NMT
JANUARY 1959 1300 EST

01 040 06	S-	1021.2 C	00 -38	10						
02 030 15		1028.4 N	02 -30 -30	-38	8					
03 UNL 20		1046.0 ESE	07 +45	0						
04 UNL 20		1044.7 E	02 +42	1						
05 UNL 15	IC	1041.5 WNW	02 +41	0						
06 UNL 15		1041.3 NW	22 -23 -23	-30	0					
07 UNL 20		1038.6 WNW	12 -17 -17	-25	0					
08 UNL 20		1039.2 SW	08 00 00 -05	0						
09 UNL 20		1030.3 N	12 -12 -12	-19	0					
10 UNL 20		1028.6 NE	05 -08 -09	-15	1					
11 UNL 20		1029.4 ESE	08 -13 -13	-20	0					
12 UNL 20		1016.3 ESE	04 -24 -24	-31	2					
13 080 20		1020.3 E	02 -28 -28	-36	6					
14 UNL 20		1027.4 NE	03 -29 -29	-37	1					
15 UNL 20		1030.9 NE	06 -33 -33	-42	0					

SYNOPTIC OBSERVATIONS

EUREKA

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)
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EUREKA NMT
FEBRUARY 1959 0100 EST

01 UNL 20				1005.8 ESE	07	-43				0
02 UNL 06	S-			992.8 NE	03	-41				0
03 UNL 20				997.8 SE	01	-48				0
04 UNL 20				1019.2 E	04	-48				0
05 UNL 01	BS			1005.3 MNW	22	-20	-25			0
06 UNL 20				1004.9 NE	05	-42				0
07 UNL 20				998.7 E	06	-40				0
08 UNL 10	S-			1003.8 NE	07	-39				0
09 UNL 20				1009.6 ENE	03	-48				0
10 UNL 20	1/4BS			998.9 MNW	30	-36				0
11 UNL 20				1002.0 ESE	02	-52				0
12 UNL 20				1004.9 E	02	-53				0
13 UNL 20				999.5 S	02	-49				1
14 UNL 20				990.2 E	05	-30	-37			2
15 080 10	S-			998.9 E	07	-37				10
16 UNL 20				1005.8 ESE	04	-40				4
17 120 20				1012.8 ESE	13	-32	-38			10
18 030 10				1008.1 ESE	16	-30	-36			10
19 030 10	S-			1011.1 ESE	13	-33	-33			9
20 UNL 20				1026.6 E	12	-42				0
21 UNL 20				1018.8 NE	05	-32	-32			10
22 010 03	S-			993.4 ESE	18	-05	-12			10
23 UNL 20				995.6 W	06	-20	-28			3
24 UNL 20				1000.7 ESE	06	-30	-30			7
25 100 05	S-			989.7 E	02	-37				8
26 UNL 10	S-			992.4 ESE	03	-38				4
27 UNL 15	IC			1000.4 E	04	-49				0
28 UNL 15				1001.4 E	09	-49				0

AVG 1003.2 08 -38 04

EUREKA NMT
FEBRUARY 1959 0400 EST

01 UNL 20				1006.9 ESE	08	-45				0	
02 080 06	S-			991.2 NE	03	-35	-35			-41	0
03 UNL 20				999.9 NE	07	-46				0	
04 UNL 20				1018.9 C	00	-46				0	
05 UNL 01	BS			1005.1 NW	15	-19	-19			-25	0
06 UNL 20				1003.1 ESE	05	-43				0	
07 UNL 20				997.5 N	08	-31	-31			-38	0
08 UNL 10	S-			1005.9 E	04	-38				10	
09 UNL 20				1008.9 E	05	-50				0	
10 UNL 00	1/4BS			1011.1 MNW	30	-36				0	
11 UNL 20				1002.9 NE	07	-50				0	
12 UNL 20				1005.8 ESE	07	-53				0	
13 UNL 20				996.3 E	06	-44				0	
14 UNL 20				991.3 ESE	06	-29	-29			-35	0
15 080 10	S-			1000.7 E	07	-35	-35			-41	10
16 120 20				1006.0 E	05	-40				0	
17 080 10	S-			1013.9 ESE	15	-29	-29			-35	10
18 030 10				1006.7 ESE	18	-31	-31			-37	10
19 UNL 20				1013.0 ESE	12	-36				3	
20 UNL 20				1028.0 E	11	-38				4	
21 UNL 20				1016.4 NE	04	-27	-27			-33	10
22 010 02	S-			990.4 ESE	18	-05	-11			10	
23 UNL 10	S-			997.4 ESE	12	-20	-20			-28	10
24 UNL 10	S-			999.4 ESE	06	-32	-32			-38	10
25 100 10	S-			989.7 ESE	03	-36				6	
26 UNL 10	IC			993.5 E	05	-39				3	
27 UNL 15	IC			1001.2 E	04	-49				0	
28 UNL 15				1001.5 E	10	-45				0	

AVG 1003.2 09 -37 04

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)
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EUREKA NMT
FEBRUARY 1959 0700 EST

01 UNL 20				1007.0 NE	05	-45				0	
02 UNL 06	S-			990.6 NW	15	-27	-27			-33	10
03 UNL 20				1003.5 ESE	03	-49				0	
04 UNL 20				1018.2 E	09	-49				0	
05 UNL 20				1007.2 E	15	-35	-35			-41	0
06 UNL 20				1001.7 ESE	05	-45				0	
07 UNL 00	1/4BS			995.7 W	35	-28	-28			-34	0
08 UNL 15	S-			1008.4 E	05	-39				10	
09 UNL 20				1008.4 E	06	-49				0	
10 UNL 20				997.3 MNW	13	-37				0	
11 UNL 20				1003.7 E	05	-52				0	
12 UNL 20				1007.0 SE	07	-51				0	
13 UNL 01	BS			992.8 MNW	25	-31	-31			-38	0
14 UNL 10	S-			991.8 NE	06	-29	-29			-35	5
15 UNL 20				1002.5 E	03	-35	-35			-41	10
16 080 10	S-			1006.5 E	05	-38				10	
17 080 10	S-			1014.7 ESE	15	-29	-29			-34	10
18 020 03	S-			1005.8 ESE	18	-31	-31			-37	10
19 UNL 20				1015.0 ESE	06	-40				1	
20 UNL 20				1028.9 E	11	-39				4	
21 080 10				1013.5 E	07	-24	-24			-30	16
22 010 03	S-			988.4 SE	15	-06	-06			-12	10
23 UNL 20				999.5 SE	12	-22	-22			-31	1
24 UNL 15	S-			997.6 C	00	-35	-35			-41	4
25 UNL 15	S-			990.1 ESE	06	-37				5	
26 UNL 10	IC			994.6 ESE	02	-42				0	
27 UNL 20				1001.6 ESE	04	-50				0	
28 UNL 15				1001.4 ENE	08	-46				0	

AVG 1003.3 09 -37 04

EUREKA NMT
FEBRUARY 1959 1000 EST

01 UNL 20				1006.5 NE	07	-45				0	
02 UNL 20	S-			992.2 E	10	-35	-35			-41	2
03 UNL 20				1006.8 E	07	-49				0	
04 UNL 20				1015.6 ESE	10	-48				0	
05 UNL 20				1008.3 E	05	-35	-35			-41	0
06 UNL 20				1001.0 ESE	05	-43				0	
07 UNL 00	1/4BS			994.8 W	30	-28	-28			-34	0
08 UNL 20				1009.9 E	05	-43				2	
09 UNL 20				1008.0 SE	06	-51				0	
10 UNL 10	BS			996.4 MNW	25	-35	-35			-41	0
11 UNL 20				1004.2 ESE	08	-53				0	
12 UNL 20				1007.5 ESE	02	-49				4	
13 UNL 20				990.2 NW	15	-27	-27			-33	5
14 010 10	S-			992.3 N	03	-30	-30			-36	10
15 UNL 20				1004.0 E	07	-37				2	
16 UNL 10	S-			1006.9 ESE	10	-39				5	
17 030 10	IF			1014.8 SE	15	-28	-28			-34	10
18 020 03	S-			1005.4 ESE	18	-31	-31			-37	8
19 UNL 20				1016.9 E	09	-42				4	
20 UNL 20				1027.9 ESE	08	-43				4	
21 080 20				1010.3 E	07	-19	-19			-25	8
22 010 01	S-			987.6 S	07	-07	-07			-12	10
23 UNL 20				1001.1 ESE	15	-26	-26			-34	1
24 UNL 20				995.8 NE	02	-37				5	
25 UNL 15				990.5 NE	08	-39				5	
26 UNL 20				995.6 E	00	-42				1	
27 UNL 15				1001.7 E	04	-45				0	
28 UNL 20				1001.2 ESE	06	-48				1	

AVG 1003.3 09 -38 03

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)
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EUREKA NMT
FEBRUARY 1959 1300 EST

01 UNL 20				1004.9 E	02	-47				0	
02 UNL 20				994.2 E	05	-39				0	
03 UNL 20				1010.6 ESE	06	-48				0	
04 UNL 20				1012.2 ESE	12	-47				0	
05 UNL 20				1008.5 ESE	05	-38				1	
06 UNL 08				1000.5 E	05	-43				3	
07 UNL 02	IF			994.7 N	18	-27	-27			-35	1
08 UNL 20				1011.1 SE	04	-44				0	
09 UNL 20				1005.8 ENE	04	-52				0	
10 UNL 15	IF			997.7 ENE	09	-42				0	
11 UNL 20				1004.7 ESE	05	-54				0	
12 UNL 20				1007.7 NE	10	-48				3	
13 080 05	BS			987.9 MNW	36	-25	-25			-30	7
14 UNL 10	S-			993.0 NNE	10	-32	-32			-39	8
15 UNL 20				1004.8 ESE	05	-39				2	
16 130 10	S-			1007.7 ESE	16	-32	-32			-39	10
17 030 10				1014.2 ESE	14	-28	-28			-34	10
18 UNL 08	S-			1006.1 ESE	16	-34	-34			-40	5
19 UNL 20				1019.3 E	07	-43				3	
20 UNL 15				1027.0 ESE	06	-42				0	
21 020 08				1006.8 SE	16	-12	-12			-17	10
22 010 03	S-			987.5 E	08	-09	-09			-14	10
23 120 15				1002.0 SE	18	-26	-26			-34	7
24 180 15				993.9 C	00	-38				8	
25 UNL 15	S-			990.5 E	04	-38				6	
26 UNL 20				996.8 E	04	-45				1	
27 UNL 15				1001.6 ESE	09	-49				2	
28 UNL 20				1001.2 E	03	-48				1	

AVG 1003.4 09 -38 04

EUREKA NMT
FEBRUARY 1959 1600 EST

01 UNL 20				1002.3 NE	06	-47				0
02 UNL 20	</									

SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (1000's 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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EUREKA NWT
MARCH 1959 0100 EST

01 080 05	S-	1001.2	SE	06	-40	10				
02 UNL 20		1002.1	NNE	05	-43	0				
03 UNL 20		1010.1	E	08	-49	0				
04 020 03	S-	1016.6	SE	16	-26	-32	10			
05 040 03	S-	1015.7	ESE	14	-25	10				
06 UNL 20		1020.0	ESE	13	-31	0				
07 UNL 20		1019.0	SE	04	-45	0				
08 UNL 15	S-	1012.2	C	00	-44	6				
09 UNL 10	IC	1008.7	SE	06	-44	4				
10 UNL 15	IC	1004.6	ESE	07	-40	0				
11 UNL 20	S-	999.3	ESE	14	-39	0				
12 UNL 10	SG-	1002.8	ESE	14	-45	6				
13 UNL 20		1007.1	ESE	11	-41	1				
14 UNL 10	SG-	1013.1	ESE	11	-38	4				
15 UNL 20		1007.5	ESE	09	-47	0				
16 UNL 05	IF	1010.6	ESE	11	-46	0				
17 UNL 20		1016.2	E	05	-48	0				
18 UNL 15		1015.8	E	09	-39	0				
19 020 10	SG-	1009.8	SE	13	-32	-38	7			
20 UNL 20		1013.9	C	00	-50	1				
21 UNL 20		1016.2	E	12	-40	0				
22 UNL 20		1017.8	ESE	07	-47	0				
23 UNL 20		1018.9	ESE	03	-43	0				
24 UNL 05	SG-	1027.3	SE	04	-38	6				
25 UNL 15		1030.5	ESE	20	-30	-36	2			
26 UNL 15		1022.9	ESE	05	-36	2				
27 UNL 20		1018.5	E	03	-38	1				
28 UNL 05	S-	1018.1	ESE	07	-31	-35	4			
29 UNL 20		1017.9	ESE	04	-44	0				
30 020 01	SG-IF	1014.6	ESE	05	-37	10				
31 UNL 15		1010.9	E	07	-39	5				
AVG		1013.5		08	-40	03				

EUREKA NWT
MARCH 1959 0400 EST

01 080 10	IC	1001.1	NE	03	-38	10				
02 UNL 20		1003.1	ESE	05	-46	0				
03 UNL 20		1011.4	E	06	-45	0				
04 070 03	S-	1017.5	ESE	19	-27	-33	10			
05 UNL 10	S-	1015.6	E	12	-25	10				
06 UNL 20		1021.2	ESE	11	-36	0				
07 UNL 20		1018.1	SE	02	-45	0				
08 UNL 20		1012.1	C	00	-47	5				
09 UNL 10	IC	1008.1	ESE	02	-42	10				
10 UNL 15		1003.4	ESE	07	-41	0				
11 UNL 20		999.4	E	11	-39	0				
12 020 10	SG-	1003.1	E	09	-42	9				
13 UNL 15		1008.0	ESE	10	-40	10				
14 UNL 10	SG-	1013.5	E	07	-36	4				
15 UNL 20		1006.9	E	04	-49	0				
16 030 05	S-IF	1011.7	E	10	-47	10				
17 UNL 20		1016.6	E	08	-46	0				
18 UNL 15		1015.3	E	05	-38	3				
19 UNL 10		1009.8	SSE	06	-35	-41	4			
20 UNL 20		1013.0	ESE	05	-51	8				
21 UNL 20		1018.4	NE	06	-43	0				
22 UNL 20		1017.0	C	00	-47	0				
23 UNL 20		1020.1	E	03	-42	0				
24 UNL 15		1028.0	ESE	15	-33	-39	0			
25 UNL 15		1030.0	ESE	17	-31	-37	2			
26 070 10		1021.4	SE	03	-35	10				
27 UNL 20		1018.5	E	06	-40	0				
28 050 05	S-	1018.2	E	07	-34	-34	4			
29 UNL 20		1017.9	ESE	04	-45	0				
30 020 01	IF	1014.6	ESE	04	-38	10				
31 070 10		1011.1	E	03	-40	10				
AVG		1013.6		07	-40	04				

Date	Calling (1000's 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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EUREKA NWT
MARCH 1959 0700 EST

01 020 10	IC	1000.8	W	03	-31	-31	-40	10		
02 UNL 20		1003.9	E	05	-47	0				
03 UNL 20		1012.0	ENE	04	-41	0				
04 020 03	S-	1018.2	ESE	08	-27	-27	-33	10		
05 070 10		1015.7	SE	10	-25	10				
06 UNL 20		1022.2	E	04	-34	0				
07 UNL 20		1017.3	E	06	-45	0				
08 UNL 20		1011.3	SE	04	-47	1				
09 UNL 10		1007.8	C	00	-42	4				
10 UNL 20		1002.5	SE	04	-43	1				
11 UNL 20		1000.0	SE	04	-44	1				
12 080 10		1004.3	E	11	-43	9				
13 030 07	S-	1008.4	ESE	08	-36	10				
14 UNL 10		1013.4	NE	05	-39	4				
15 UNL 20		1006.9	E	08	-50	10				
16 070 07	S-	1012.7	E	09	-44	10				
17 UNL 20		1017.0	E	03	-50	1				
18 UNL 10		1014.1	ESE	06	-39	2				
19 UNL 20		1010.3	E	03	-37	0				
20 UNL 20		1011.8	C	00	-52	2				
21 UNL 20		1020.0	E	05	-43	1				
22 UNL 20		1016.2	NE	05	-48	0				
23 UNL 20		1021.4	SE	11	-43	1				
24 UNL 10		1028.8	ESE	15	-34	-40	1			
25 UNL 15		1030.0	ESE	15	-31	-31	-38	4		
26 010 01	S-IF	1020.5	SE	11	-29	-29	-35	10		
27 080 10		1016.6	E	07	-40	7				
28 UNL 05	S-	1018.5	E	06	-34	-34	-40	7		
29 UNL 20		1017.6	E	05	-45	0				
30 050 07	S-	1014.2	ESE	06	-38	10				
31 070 10	S-	1011.3	E	09	-37	6				
AVG		1013.7		06	-40	04				

EUREKA NWT
MARCH 1959 1000 EST

01 005 00	1/2IF	1000.5	NW	02	-30	-30	-36	10		
02 UNL 20		1004.8	SE	02	-49	0				
03 080 20		1012.6	ESE	12	-38	10				
04 005 00	1/2IF	1018.3	SE	15	-27	-27	-32	10		
05 005 00	3/4IF	1015.2	SE	15	-24	10				
06 UNL 20		1021.7	E	10	-40	1				
07 UNL 20		1016.2	ESE	06	-45	0				
08 UNL 10	S-	1010.8	E	05	-46	5				
09 100 10		1006.8	SE	04	-42	8				
10 UNL 07		1001.2	SE	02	-42	0				
11 UNL 20		1000.5	ESE	06	-45	1				
12 UNL 15		1004.6	ESE	10	-42	4				
13 030 07	S-	1008.9	ESE	08	-38	10				
14 050 07	S-	1012.8	NE	04	-38	8				
15 UNL 20		1006.8	ESE	07	-51	0				
16 UNL 10	S-	1013.5	E	06	-43	10				
17 UNL 10		1017.2	ESE	04	-48	0				
18 UNL 07		1012.8	ESE	07	-36	1				
19 UNL 20		1010.7	E	03	-36	0				
20 UNL 15		1010.4	ESE	04	-47	8				
21 UNL 20		1020.6	ESE	05	-44	1				
22 UNL 20		1015.5	ESE	06	-45	0				
23 UNL 20		1022.8	E	11	-37	1				
24 UNL 15		1029.7	ESE	10	-31	-37	0			
25 UNL 15		1029.6	ESE	10	-30	-37	4			
26 050 15		1019.3	ESE	09	-29	-29	-35	8		
27 080 05	IF	1016.4	ESE	06	-35	6				
28 UNL 20	S-	1018.0	ESE	05	-34	-40	5			
29 UNL 20		1016.9	SE	05	-42	0				
30 030 03	S-IF	1013.3	E	05	-34	-34	-41	10		
31 UNL 20	S-	1010.7	ESE	12	-36	4				
AVG		1013.5		07	-39	04				

Date	Calling (1000's 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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EUREKA NWT
MARCH 1959 1300 EST

01 020 05	S-IF	1000.2	NW	03	-30	-30	-39	9		
02 UNL 20		1005.6	E	04	-47	0				
03 070 07		1012.9	ESE	16	-31	-31	-37	10		
04 005 00	1/2IF	1017.8	SE	15	-27	-27	-32	10		
05 005 01	S-IF	1015.4	SE	10	-24	10				
06 UNL 20		1021.7	E	08	-39	0				
07 UNL 20		1014.9	E	03	-42	0				
08 UNL 07	S-	1010.5	E	04	-46	3				
09 100 07		1006.5	ESE	11	-40	8				
10 UNL 20		1000.0	E	10	-38	0				
11 UNL 20		1000.8	ESE	10	-44	4				
12 UNL 15		1009.2	ESE	08	-39	9				
13 UNL 15		1008.9	ESE	10	-35	2				
14 015 03	S-IF	1011.1	E	03	-36	10				
15 UNL 10		1006.8	E	08	-48	0				
16 UNL 15		1014.0	ESE	08	-45	0				
17 UNL 10		1016.8	E	05	-44	0				
18 UNL 07		1011.9	SE	09	-34	1				
19 UNL 20		1011.7	ESE	05	-40	0				
20 UNL 20		1009.3	E	08	-44	8				
21 UNL 20		1020.6	ESE	05	-41	0				
22 UNL 02	IF	1014.9	ESE							

SYNOPTIC OBSERVATIONS

EUREKA

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 (percent)
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EUREKA NWT
APRIL 1959 0100 EST

01 UNL 15	1009.4 E	08	-45	0		
02 UNL 15	1012.3 E	07	-45	0		
03 UNL 20	1011.8 C	00	-47	0		
04 UNL 20	1015.7 ESE	02	-49	1		
05 100 03	1010.4 ESE	11	-31	-31	-35	10
06 015 05	1019.0 ESE	09	-22	-22	-25	10
07 UNL 20	1020.7 E	08	-38	1		
08 UNL 20	1032.5 ESE	06	-30	-36	7	
09 010 02	1026.5 ESE	05	-27	-29	10	
10 UNL 02	1018.4 SE	16	-24	-23	-25	10
11 005 03	1008.2 SE	29	-04	-04	-07	10
12 UNL 10	1010.2 SE	17	-04	-05	-11	3
13 100 20	1022.5 ESE	09	-15	-15	-22	8
14 UNL 20	1021.1 E	06	-22	-22	-28	2
15 UNL 20	1032.8 ENE	04	-24	-24	-30	0
16 080 15	1035.6 ESE	05	-08	-08	-12	10
17 UNL 15	1032.5 E	10	-07	-07	-12	9
18 UNL 15	1033.5 E	08	-14	-14	-19	2
19 UNL 15	1033.1 NNE	07	-18	-18	-23	0
20 UNL 15	1029.3 ENE	04	-18	-18	-24	1
21 UNL 07	1026.9 ENE	06	-21	-21	-25	1
22 UNL 07	1028.7 NE	06	-23	-23	-29	2
23 UNL 20	1029.8 ENE	03	-24	-24	-30	0
24 UNL 20	1025.3 ENE	06	-25	-25	-33	0
25 UNL 20	1023.7 E	05	-20	-20	-27	0
26 UNL 20	1011.8 E	08	-15	-15	-21	0
27 UNL 30	1014.5 NE	04	-09	-09	-15	1
28 UNL 30	1010.4 W	12	-05	-05	-10	0
29 050 20	1033.0 E	08	-05	-05	-10	9
30 UNL 30	1008.6 N	07	-09	-09	-15	0

AVG 1020.5 08 -22 03

EUREKA NWT
APRIL 1959 0400 EST

01 UNL 15	1009.5 E	09	-46	0		
02 UNL 15	1013.3 ESE	04	-45	0		
03 UNL 20	1011.9 C	00	-49	0		
04 UNL 20	1016.3 ESE	02	-46	0		
05 100 03	1010.5 E	07	-30	-30	-34	10
06 015 03	1020.6 NNE	05	-25	-25	-29	10
07 120 15	1020.8 ESE	07	-39	8		
08 UNL 20	1033.0 E	10	-32	-32	-39	3
09 005 02	1033.5 ENE	05	-24	-24	-26	10
10 UNL 15	1018.4 ESE	10	-28	-28	-32	5
11 005 01	1006.8 SE	21	-01	-01	-05	10
12 UNL 03	1013.6 SE	15	-11	-10	-14	3
13 UNL 20	1022.6 NE	03	-18	-18	-25	4
14 UNL 20	1021.8 ESE	05	-23	-23	-29	1
15 UNL 20	1035.4 ENE	02	-27	-27	-35	0
16 080 20	1035.6 ENE	05	-12	-12	-17	9
17 UNL 15	1032.5 SE	04	-14	-14	-19	7
18 UNL 15	1034.4 SE	04	-15	-15	-20	1
19 UNL 20	1031.9 ESE	04	-20	-20	-26	0
20 UNL 10	1029.2 E	04	-22	-22	-28	3
21 UNL 10	1027.1 NE	06	-25	-25	-31	1
22 UNL 20	1029.2 E	07	-29	-29	-35	0
23 UNL 20	1029.7 NE	04	-27	-27	-33	0
24 UNL 20	1029.0 E	03	-28	-28	-34	1
25 UNL 20	1023.5 E	04	-25	-25	-31	0
26 UNL 20	1010.4 E	07	-18	-18	-24	1
27 UNL 30	1014.9 ENE	06	-10	-10	-16	4
28 UNL 30	1009.1 NE	06	-05	-05	-11	1
29 050 20	1003.7 E	04	-06	-06	-11	9
30 UNL 30	1009.9 E	04	-11	-11	-17	0

AVG 1020.8 06 -24 03

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 (percent)
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EUREKA NWT
APRIL 1959 0700 EST

01 UNL 15	1009.7 E	11	-44	0		
02 UNL 15	1013.4 ESE	06	-45	0		
03 UNL 20	1011.6 ESE	05	-47	0		
04 UNL 20	1016.4 ESE	04	-47	0		
05 UNL 07	1010.8 NE	02	-30	-30	-34	4
06 UNL 20	1021.8 ESE	07	-27	-27	-29	1
07 120 20	1021.2 E	07	-36	8		
08 120 10	1033.2 ESE	07	-30	-30	-36	7
09 005 01	1022.8 SE	07	-21	-21	-24	10
10 150 10	1018.1 ESE	09	-24	-24	-29	8
11 002 00	1009.5 S	20	02	02	01	10
12 UNL 15	1016.0 SE	14	-14	-14	-18	1
13 UNL 20	1022.5 E	05	-16	-16	-22	7
14 UNL 20	1020.5 E	05	-23	-23	-27	1
15 120 20	1036.9 E	05	-22	-22	-28	7
16 080 20	1035.6 E	08	-06	-06	-11	9
17 UNL 20	1032.2 ESE	08	-10	-10	-15	8
18 UNL 15	1034.9 ESE	05	-17	-17	-22	3
19 UNL 15	1032.3 E	05	-21	-21	-27	1
20 UNL 10	1028.7 ESE	05	-22	-22	-28	4
21 UNL 10	1027.0 C	00	-20	-20	-26	1
22 UNL 20	1029.7 ESE	07	-24	-24	-30	0
23 UNL 20	1029.0 ESE	07	-25	-25	-31	0
24 UNL 20	1024.4 E	04	-26	-26	-34	1
25 UNL 20	1023.1 ESE	06	-20	-20	-27	0
26 100 15	1010.4 ESE	06	-17	-17	-24	7
27 UNL 30	1015.7 E	07	-08	-08	-14	5
28 UNL 30	1008.2 ESE	07	-12	-12	-18	0
29 200 20	1004.4 ESE	05	-04	-04	-09	7
30 UNL 30	1011.1 ESE	05	-10	-10	-16	0

AVG 1020.9 07 -22 04

EUREKA NWT
APRIL 1959 1000 EST

01 UNL 10	1009.6 E	08	-42	0		
02 UNL 15	1013.6 ESE	05	-41	0		
03 UNL 20	1011.6 ESE	06	-45	0		
04 UNL 20	1015.9 ESE	05	-41	0		
05 020 03	1011.5 SE	08	-27	-27	-28	10
06 UNL 20	1022.4 NE	02	-30	-30	-32	1
07 050 10	1022.1 ESE	05	-30	-30	-34	10
08 020 03	1032.9 ESE	05	-25	-25	-29	10
09 005 00	1021.0 ESE	09	-19	-19	-20	10
10 005 03	1017.1 E	07	-25	-25	-21	10
11 002 00	1005.5 SE	25	03	03	00	10
12 UNL 20	1018.3 SE	15	-13	-13	-16	4
13 UNL 20	1021.7 E	04	-09	-09	-12	3
14 UNL 20	1021.7 C	00	-18	-18	-22	2
15 UNL 15	1037.9 SE	06	-18	-18	-21	10
16 070 20	1035.0 SE	05	-05	-05	-09	10
17 080 20	1032.2 SE	04	-05	-05	-09	9
18 UNL 15	1035.0 ESE	05	-13	-13	-18	3
19 UNL 15	1031.7 C	00	-15	-15	-20	1
20 020 10	1028.4 ESE	05	-18	-18	-24	6
21 UNL 15	1026.7 ESE	04	-19	-19	-26	4
22 UNL 20	1029.8 SE	04	-22	-22	-28	0
23 UNL 20	1028.0 ESE	10	-20	-20	-25	6
24 UNL 20	1023.8 E	07	-20	-20	-26	0
25 UNL 20	1022.3 ESE	07	-17	-17	-24	0
26 150 30	1011.0 E	11	-09	-09	-15	7
27 UNL 30	1015.8 ESE	07	-03	-03	-09	5
28 UNL 30	1006.2 NW	04	-01	-01	-07	0
29 UNL 20	1004.9 ESE	06	-02	-02	-07	1
30 UNL 30	1012.5 NE	04	-03	-03	-09	1

AVG 1020.9 06 -18 04

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 (percent)
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EUREKA NWT
APRIL 1959 1300 EST

01 UNL 07	S-	1009.6 ESE	07	-42	10		
02 UNL 15		1013.4 SE	05	-40	0		
03 UNL 20		1011.9 E	05	-40	0		
04 UNL 20		1015.9 ESE	04	-37	0		
05 010 01	S-IF	1012.8 ESE	15	-23	-22	-24	10
06 UNL 20		1022.3 ESE	08	-29	-29	-31	0
07 UNL 10		1024.3 SE	09	-23	-23	-27	5
08 005 02	S-IF	1032.2 C	00	-21	-21	-26	10
09 005 00	S/85-IF	1019.4 SE	06	-16	-16	-18	10
10 005 02	IF	1015.2 SE	11	-16	-15	-17	10
11 002 00	1/485	1009.3 SE	22	05	05	02	10
12 UNL 10		1019.5 SE	25	-12	-12	-14	4
13 UNL 20		1021.1 SE	05	-13	-13	-16	2
14 UNL 20		1023.0 ESE	05	-15	-15	-19	3
15 080 10		1038.0 C	00	-13	-13	-19	10
16 060 20		1034.6 SE	04	-01	-01	-06	9
17 UNL 20		1036.3 ESE	04	00	00	00	4
18 100 15		1034.7 ESE	04	-08	-08	-13	8
19 UNL 15		1030.5 SE	04	-13	-13	-18	1
20 010 07	S-	1027.7 C	00	-13	-13	-17	10
21 UNL 15		1026.9 C	00	-16	-16	-22	4
22 UNL 20		1030.0 ESE	03	-16	-16	-22	0
23 UNL 20		1027.5 ESE	07	-19	-19	-24	0
24 UNL 20		1023.5 ESE	07	-17	-17	-23	0
25 UNL 20		1020.6 SE	03	-11	-11	-17	0
26 UNL 30		1011.0 ESE	11	-02	-02	-07	5
27 UNL 20		1015.2 ESE	08	01	00	-05	3
28 UNL 30		1005.3 WNW	12	04	02	-12	0
29 UNL 30		1005.2 ESE	05	00	00	-05	2
30 UNL 30		1013.1 C	00	00	00	-05	0

AVG 1020.7 07 -15 04

EUREKA NWT
APRIL 1959 1600 EST

01 UNL 10		1010.6 E	08	-36	1		
02 UNL 15		1013.3 ESE	05	-38	0		
03 UNL 20		1013.0 ESE	04	-38	2		
04 UNL 20		1014.3 E	03	-35	4		
05 010 01	S-IF	1014.9 ESE	11	-21	-21	-24	10
06 UNL 20		1022.4 E	03	-27	-27	-33	0
07 UNL 15		1027.1 SE	11	-23	-23	-29	5
08 020 03	S-IF	1031.6 SE	04	-20	-20	-23	10
09 010 03	S-IF	1019.0 ESE	12	-15	-15	-18	10
10 005 03	IF	1016.7 SE	19	-14	-14	-18	10
11 002 00	1/285	1005.6 SE	18	05	05	01	10
12 UNL 20		1021.3 ESE	10	-12	-12	-15	4
13 UNL 20		1020.6 ESE	08	-13	-12	-16	1
14 UNL 20		1025.4 E	00	-11	-11	-16	1
15 080 20		1037.7 NE	02	-10	-10	-15	10
16 080 15		1034.1 E	04	00	00	-04	9
17 UNL 20		1032.6 ESE	09	00	00	-04	0
18 100 15		1034.8 ESE	04	-04	-04	-09	9
19 UNL 15		1030.2 W	02	-08	-08	-17	0
20 015 07	S-	1027.7 SE	01	-11	-11	-17	8
21 UNL 15		1027.3 ESE	05	-13	-13	-18	4
22 UNL 20		1030.0 SE	10	-14	-13	-22	0
23 UNL 20		1026.7 E	04	00	-13	-1	

SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (1000' 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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EUREKA NWT
MAY 1959 0100 EST

01 100 25				1017.0	NW	05	-07	-07	-13	7
02 010 03	S-IF			1028.3	E	03	-03	-03	-07	9
03 060 03	S-IF			1023.3	NW	09	-06	-06	-10	8
04 UNL 20				1034.9	SE	06	-13	-14	-20	0
05 UNL 20				1025.9	N	12	-07	-07	-13	7
06 UNL 20				1019.6	SE	02	-10	-10	-17	4
07 UNL 20				1012.5	ENE	04	-06	-06	-12	6
08 UNL 20				1007.2	NE	07	-07	-07	-13	1
09 200 20				1001.5	E	05	-06	-06	-12	7
10 UNL 15				1005.6	ESE	09	-04	-04	-10	3
11 060 08				1018.2	SE	10	05	05	01	7
12 UNL 20				1028.5	ESE	10	03	02	-03	1
13 060 15				1028.6	SE	14	04	04	-02	6
14 UNL 20				1025.5	SE	07	02	02	-03	6
15 015 08				1025.2	SE	08	09	09	04	9
16 UNL 15	IC			1029.4	N	03	03	02	-03	2
17 UNL 30				1036.3	E	03	-01	-01	-06	0
18 UNL 30				1031.1	E	05	00	00	-05	0
19 UNL 30				1022.4	ESE	11	01	01	-05	1
20 035 30				1017.0	E	05	12	12	08	9
21 UNL 20				1012.0	E	12	16	15	12	5
22 UNL 30				1019.0	E	06	10	09	05	0
23 UNL 30				1011.6	SE	08	10	10	05	1
24 UNL 30				1012.9	N	05	18	17	15	1
25 UNL 30				1013.9	NW	05	14	14	09	0
26 UNL 30				1013.2	NW	11	12	11	07	1
27 UNL 30				1010.6	NNE	06	17	16	12	4
28 UNL 30				1011.1	NW	06	16	15	11	2
29 030 25				1011.2	N	09	19	18	15	3
30 050 15				1001.5	W	24	22	22	19	10
31 005 02	S-IF			1006.5	SE	11	23	24	21	10
AVG				1018.4		08	05	04	00	04

EUREKA NWT
MAY 1959 0400 EST

01 080 20				1018.5	N	06	-08	-08	-14	10
02 070 07	S-			1028.7	E	04	-08	-08	-12	8
03 060 05	S-IF			1034.2	ESE	07	-09	-09	-13	8
04 UNL 20				1034.4	NW	13	-09	-09	-16	1
05 UNL 20				1024.5	SE	08	-10	-10	-16	4
06 080 20				1019.3	ESE	05	-10	-10	-17	9
07 UNL 20				1011.6	ESE	05	-06	-06	-12	5
08 UNL 20				1006.8	C	00	-06	-07	-12	5
09 200 20				1000.8	ESE	05	-07	-07	-13	9
10 UNL 20	S-			1007.9	ESE	11	-01	-01	-06	4
11 UNL 08				1019.8	SE	13	08	04	06	3
12 UNL 20				1029.1	SE	12	02	02	-04	1
13 030 15				1028.8	SE	12	05	04	-01	9
14 200 20				1025.8	SE	09	03	03	-03	8
15 015 07	S-			1025.8	N	05	08	08	03	9
16 100 08	S-			1030.4	N	05	03	02	-03	8
17 UNL 30				1036.8	SE	08	-05	-05	-11	0
18 UNL 30				1030.1	ESE	08	-04	-04	-10	0
19 UNL 30				1022.1	E	11	02	01	-05	1
20 035 20				1016.1	C	00	12	12	08	10
21 UNL 30				1013.7	ESE	08	08	07	03	3
22 UNL 30				1018.8	C	00	07	07	02	1
23 UNL 30				1011.6	E	05	15	14	09	1
24 UNL 30				1012.8	N	18	19	18	14	7
25 UNL 30				1013.5	WSW	06	10	10	06	0
26 UNL 30				1013.8	NW	12	13	12	08	1
27 180 30				1011.2	E	06	16	15	11	7
28 UNL 30				1011.5	NW	02	16	15	11	3
29 030 25				1010.7	SE	06	19	18	14	7
30 050 15				1002.3	W	14	23	23	20	10
31 005 05	IF			1007.1	SE	12	24	23	21	9
AVG				1018.7		08	04	04	-01	05

Date	Calling (1000' 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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EUREKA NWT
MAY 1959 0700 EST

01 080 10	S-			1020.2	SSE	03	-04	-04	-08	10
02 070 07	S-			1029.4	E	04	-03	-03	-10	8
03 030 05	S-IF			1035.1	C	00	-06	-06	-10	9
04 UNL 20				1033.5	SE	03	-14	-14	-21	1
05 UNL 20				1023.3	E	11	-10	-10	-16	5
06 UNL 20				1018.7	SE	04	-07	-07	-13	7
07 UNL 20				1010.8	C	00	-05	-05	-11	1
08 UNL 20				1006.5	SE	04	-04	-04	-11	1
09 120 20				1000.4	ESE	05	-03	-03	-10	9
10 010 02	S-			1010.2	SE	08	01	01	-05	10
11 UNL 20				1021.0	SE	12	05	05	00	1
12 UNL 20				1030.0	SE	10	02	02	-03	2
13 130 20				1029.0	SE	11	05	05	00	6
14 200 20				1025.9	SE	08	07	06	01	9
15 020 07	S-			1026.2	NW	09	08	08	03	9
16 070 10				1031.2	W	06	06	06	01	10
17 UNL 30				1037.1	ESE	05	-03	-03	-09	0
18 UNL 30				1029.0	ESE	07	-03	-03	-09	0
19 UNL 30				1021.5	ESE	12	04	04	-02	1
20 030 05	S-IF			1015.3	C	00	14	14	10	10
21 UNL 20				1014.6	SE	05	08	07	03	1
22 UNL 30				1017.3	E	06	08	08	03	3
23 UNL 30				1011.0	NW	22	16	15	09	0
24 100 30				1013.2	N	15	19	19	17	7
25 UNL 30				1013.3	WSW	06	09	08	03	2
26 UNL 30				1012.3	NW	12	15	14	09	1
27 180 30				1011.3	ESE	05	16	16	12	8
28 020 30				1011.9	NW	05	17	16	12	9
29 030 25				1009.8	W	07	23	22	18	8
30 030 15				1007.5	NW	11	24	23	21	10
31 005 05	S-IF			1003.5	NE	06	23	24	21	9
AVG				1018.7		07	05	05	00	05

EUREKA NWT
MAY 1959 1000 EST

01 UNL 05	S-IF			1021.5	SE	04	-01	-01	-05	3
02 030 03	S-IF			1029.3	ESE	09	00	00	-04	10
03 010 03	S-IF			1035.5	W	12	-05	-05	-09	10
04 UNL 20				1032.3	ESE	03	-09	-09	-15	3
05 UNL 20				1021.7	ESE	05	-06	-06	-12	8
06 100 20				1017.8	SE	03	-06	-06	-12	8
07 UNL 30				1010.2	SE	05	-03	-04	-10	1
08 UNL 25				1005.8	ESE	05	-01	-01	-06	1
09 120 20				999.9	ESE	05	01	01	-05	8
10 005 01	S-			1012.7	SE	15	06	06	02	10
11 UNL 20				1022.2	ESE	15	06	07	03	8
12 UNL 20				1030.0	SE	13	05	05	00	1
13 UNL 20				1028.0	SE	12	08	07	02	5
14 200 15	S-			1025.7	SE	15	11	11	07	9
15 030 07	S-			1026.4	NW	08	10	10	06	9
16 050 20				1032.0	ESE	07	07	07	02	10
17 UNL 30				1011.4	ESE	07	16	15	10	0
18 UNL 30				1027.8	ESE	06	01	00	-06	0
19 UNL 30				1020.6	ESE	10	07	06	01	1
20 UNL 20	S-			1014.2	W	10	14	13	10	3
21 100 20				1017.8	ESE	06	11	10	06	9
22 UNL 30				1013.6	ESE	06	10	10	05	1
23 UNL 30				1011.4	ESE	07	16	15	10	0
24 060 10				1013.8	E	06	24	24	22	8
25 UNL 30				1013.4	SE	04	14	13	10	5
26 UNL 30				1011.5	W	14	18	18	15	0
27 180 30				1011.1	SE	04	20	19	16	8
28 060 25				1011.8	NW	06	20	19	16	10
29 UNL 30				1008.6	SE	03	24	24	21	5
30 005 01	S-IF			1004.6	W	12	24	24	21	10
31 008 20				1008.2	S	14	27	26	23	9
AVG				1018.6		08	08	08	04	06

Date	Calling (1000' 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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EUREKA NWT
MAY 1959 1300 EST

01 020 05	S-IF			1022.7	SE	04	-01	-01	-05	9
02 010 02	S-IF			1029.5	SE	12	00	00	-04	9
03 100 07				1035.5	W	14	-03	-03	-08	9
04 UNL 20				1030.8	NW	18	02	02	-04	3
05 060 20				1020.5	SW	07	-01	-01	-06	9
06 100 20				1016.7	C	00	01	01	-06	9
07 UNL 30				1009.3	ESE	06	00	00	-05	2
08 UNL 30				1005.2	ESE	05	02	01	-04	2
09 120 30				1000.2	ESE	08	03	03	-02	6
10 005 05	IF			1012.9	SE	19	09	09	06	10
11 UNL 07				1023.3	SE	20	09	09	05	3
12 UNL 20				1029.8						

SYNOPTIC OBSERVATIONS

EUREKA

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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EUREKA NMT
JUNE 1959 0100 EST

01 UNL 30	1010.7 E	05	21	20	16	1
02 180 30	1006.3 NW	14	22	21	18	8
03 UNL 30	1006.9 NW	08	23	22	20	0
04 UNL 30	1010.2 NNE	11	23	24	22	0
05 UNL 30	1012.6 N	06	23	22	18	0
06 UNL 30	1014.2 N	05	23	22	20	0
07 UNL 30	1011.9 NNE	05	23	24	22	0
08 UNL 30	1014.5 E	07	31	29	26	0
09 060 30	1016.9 ESE	07	32	30	28	7
10 UNL 30	1010.1 NW	10	30	30	28	0
11 UNL 30	1007.5 WNW	08	32	31	29	0
12 UNL 30	1006.8 W	15	30	29	28	0
13 060 30	1013.2 WNW	10	34	31	28	6
14 UNL 30	1019.5 WNW	09	32	31	30	3
15 035 30	1018.9 WNW	15	35	33	29	6
16 060 30	1029.2 W	05	36	33	29	9
17 UNL 25	1028.6 ESE	08	34	33	32	3
18 035 30	1021.5 N	15	39	35	28	9
19 020 15	1018.0 N	05	33	31	29	8
20 020 15	1014.2 NNE	04	32	30	29	9
21 180 20	1009.2 WNW	16	31	30	28	6
22 035 30	1006.7 SE	09	35	33	31	9
23 035 25	1007.6 S	09	35	33	30	7
24 035 20	1017.8 WNW	08	34	33	32	9
25 UNL 30	1026.6 WNW	08	34	33	32	5
26 UNL 30	1027.4 NW	10	38	35	31	0
27 UNL 30	1027.4 WNW	08	38	36	34	0
28 UNL 30	1021.9 WNW	10	43	39	34	0
29 UNL 30	1016.5 WNW	09	39	36	32	0
30 UNL 30	1011.0 WNW	08	44	41	37	0

AVG 1015.4 09 32 30 28 04

EUREKA NMT
JUNE 1959 0400 EST

01 010 30	1010.7 SE	03	18	17	14	6
02 180 30	1006.2 NW	10	23	22	18	8
03 UNL 30	1007.2 E	05	23	22	20	3
04 UNL 30	1010.8 NNE	08	25	24	20	0
05 UNL 30	1013.3 N	08	23	22	19	0
06 UNL 30	1014.3 ESE	05	23	23	20	0
07 UNL 30	1012.9 ESE	07	24	23	21	0
08 UNL 30	1015.5 SE	08	27	26	25	0
09 UNL 30	1017.4 ESE	14	32	31	28	4
10 UNL 30	1009.2 WNW	05	31	30	28	0
11 UNL 30	1007.8 NW	06	34	32	29	0
12 UNL 30	1007.7 W	12	31	30	28	0
13 060 30	1014.5 WNW	09	33	31	29	9
14 UNL 30	1020.0 WNW	09	31	30	28	9
15 040 30	1020.5 WNW	14	36	33	30	9
16 UNL 30	1030.1 C	00	35	33	30	3
17 UNL 30	1028.2 NW	05	34	33	32	1
18 020 15	1021.5 NNE	13	35	33	30	9
19 020 20	1017.4 WNW	20	31	30	27	7
20 015 10	1013.7 WSW	08	31	30	28	10
21 100 20	1009.4 W	10	31	30	28	8
22 035 30	1005.9 ESE	10	36	34	30	9
23 035 20	1009.3 SE	08	35	34	32	9
24 035 20	1019.4 WNW	08	34	33	32	9
25 UNL 30	1027.3 NW	06	34	33	32	4
26 UNL 30	1027.6 NW	10	38	35	31	0
27 UNL 30	1020.6 NW	08	38	36	34	0
28 UNL 30	1020.8 WNW	08	42	38	33	2
29 UNL 30	1016.0 W	15	38	36	33	0
30 UNL 30	1010.3 WNW	08	39	37	34	0

AVG 1015.7 09 32 30 27 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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EUREKA NMT
JUNE 1959 0700 EST

01 UNL 30	1010.2 SE	09	18	17	14	1
02 UNL 30	1006.8 E	10	21	20	17	9
03 UNL 30	1007.5 SE	05	21	21	18	3
04 UNL 30	1011.3 ESE	08	24	23	20	1
05 UNL 30	1013.8 NNE	07	23	23	16	0
06 UNL 30	1013.8 ESE	08	23	22	19	0
07 UNL 30	1013.4 ESE	07	26	25	22	0
08 UNL 30	1015.7 ESE	12	30	29	27	0
09 035 30	1017.4 ESE	12	34	32	30	8
10 UNL 30	1008.8 WNW	08	32	30	28	0
11 UNL 30	1007.2 WNW	10	34	32	30	0
12 UNL 30	1008.6 NW	12	32	31	29	0
13 060 25	1015.9 WNW	05	33	31	28	9
14 UNL 30	1019.9 WNW	10	31	30	29	9
15 040 30	1022.1 WNW	08	36	33	30	9
16 180 30	1030.3 E	07	38	36	34	6
17 UNL 30	1027.5 WNW	08	36	34	33	2
18 020 15	1018.9 NW	08	35	33	29	10
19 020 20	1017.4 WNW	14	41	40	39	7
20 015 15	1019.1 W	07	32	30	27	10
21 100 20	1008.6 W	10	33	31	28	8
22 035 30	1005.2 ESE	10	38	35	30	8
23 035 30	1010.5 S	10	35	33	29	9
24 005 05	1020.5 WNW	09	34	33	32	10
25 UNL 30	1027.5 WNW	05	34	34	33	1
26 UNL 30	1027.6 WNW	10	40	37	34	0
27 UNL 30	1026.1 WNW	10	40	38	35	1
28 UNL 30	1020.3 NW	08	41	38	33	4
29 UNL 30	1015.5 WNW	17	40	38	34	0
30 UNL 30	1010.0 C	00	41	39	36	0

AVG 1015.8 09 33 31 28 04

EUREKA NMT
JUNE 1959 1000 EST

01 UNL 30	1009.2 W	05	25	24	20	1
02 UNL 30	1006.8 ESE	08	24	24	21	3
03 UNL 30	1007.8 SE	03	26	26	24	5
04 UNL 30	1012.0 SE	04	27	25	20	1
05 UNL 30	1013.9 N	07	27	25	20	0
06 UNL 30	1013.6 S	04	27	25	21	0
07 UNL 30	1013.4 ESE	09	29	28	25	0
08 UNL 30	1016.0 ESE	10	33	31	28	0
09 035 30	1016.4 SE	14	35	33	30	10
10 UNL 30	1008.2 WNW	05	33	31	28	0
11 UNL 30	1006.9 W	11	35	33	29	0
12 UNL 30	1009.0 W	12	32	31	29	0
13 060 25	1016.5 C	00	35	32	31	10
14 UNL 30	1019.5 WNW	12	34	32	30	3
15 060 30	1023.7 W	15	37	34	29	8
16 080 30	1029.8 S	18	39	36	32	8
17 180 30	1026.7 WNW	08	37	35	32	7
18 020 15	1020.5 NNE	15	35	33	30	10
19 020 20	1017.5 NW	20	33	30	26	9
20 015 15	1019.5 WNW	12	34	32	30	3
21 015 20	1008.5 W	10	33	32	31	8
22 UNL 30	1004.7 S	15	39	34	28	4
23 035 30	1011.7 S	13	38	34	28	10
24 005 20	1022.0 WNW	08	35	34	33	10
25 UNL 30	1027.5 NW	09	37	35	33	3
26 UNL 30	1027.7 NW	10	42	38	32	2
27 UNL 30	1025.6 WNW	10	41	39	36	2
28 UNL 30	1019.1 WNW	10	42	38	33	1
29 UNL 30	1015.3 W	10	41	38	35	0
30 UNL 30	1009.4 NW	07	41	38	35	0

AVG 1015.7 10 34 32 29 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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EUREKA NMT
JUNE 1959 1300 EST

01 UNL 30	1008.5 W	10	27	26	24	1
02 UNL 30	1006.8 ESE	08	27	26	24	3
03 UNL 30	1008.3 S	03	31	30	28	5
04 UNL 30	1012.0 SE	07	29	28	24	0
05 UNL 30	1013.8 ESE	09	26	25	22	0
06 UNL 30	1013.6 NW	04	28	26	22	0
07 UNL 30	1013.3 ESE	10	34	32	29	0
08 UNL 30	1016.2 S	13	35	33	29	0
09 035 30	1015.4 C	00	38	35	31	9
10 UNL 30	1008.0 C	00	38	37	34	0
11 UNL 30	1006.4 W	13	35	33	29	0
12 UNL 30	1009.2 W	17	32	32	31	1
13 060 25	1017.1 C	00	35	33	31	10
14 UNL 30	1018.0 W	12	34	33	32	3
15 UNL 30	1025.0 W	11	37	34	29	4
16 180 30	1029.7 S	17	39	36	30	8
17 180 30	1025.3 WNW	10	38	36	33	7
18 020 15	1018.9 NW	13	35	33	30	10
19 030 20	1015.9 NW	25	33	30	26	9
20 020 15	1011.0 W	14	38	35	31	9
21 180 25	1004.5 W	12	35	33	30	8
22 180 30	1004.3 S	11	39	35	28	9
23 035 30	1012.6 SE	07	38	35	31	9
24 030 30	1023.3 WNW	08	36	35	33	10
25 UNL 30	1027.1 NW	07	38	36	34	2
26 UNL 30	1027.2 WNW	09	43	38	32	1
27 UNL 30	1025.0 W	15	41	38	35	0
28 UNL 30	1018.4 W	15	43	39	34	0
29 UNL 30	1014.1 W	15	44	40	34	0
30 UNL 30	1009.1 NW	09	38	37	35	0

AVG 1015.4 10 36 33 30 04

EUREKA NMT
JUNE 1959 1600 EST

01 UNL 30	1007.7 WNW	09	29	27	24	2
02 060 30	1006.8 ESE	08	28	27	25	7
03 UNL 30	1008.5 W	05	31	30	29	2
04 UNL 30	1012.0 W	16	27	26	23	1
05 UNL 30	1014.1 SE	06	27	26	24	0
06 UNL 30	1013.0 WNW	06	30	29	26	0
07 UNL 30	1013.8 SW	04	38	35	31	0
08 UNL 30	1016.6 S	07	38	35	31	1
09 UNL 30	1013.1 C	00	39	35	30	1
10 UNL 30	1007.7 C	00	41	38	33	0
11 UNL 30	1006.5 W	18	36	33	30	0
12 UNL 30	1010.1 W	12	34	33	32	1
13 060 25	1017.6 SE	06	37	35	32	9
14 UNL 30	1017.8 W	12	36	34	31	3
15 UNL 30	1026.1 WNW	07	39	36	32	5
16 080 30	1029.1 ESE	13	39	36	36	8
17 180 30	1024.3 WNW	08	38	36	33	7
18 025 15	1018.8 WNW	17	34	33	31	8
19 030 20	1016.2 W	18	35	32	28	7
20 020 30	1010.9 W	13	38	35	30	7
21						

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Calling (1000'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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ISACHSEN NWT
JANUARY 1959 0200 MST

01 UNL 15	1015.5 C	00	-59	0						
02 UNL 15	1027.3 C	00	-55	0						
03 UNL 15	1041.8 C	00	-57	0						
04 UNL 15	1048.1 NE	02	-38	0						
05 000 00	BS	1040.0 NNE	45	-17	-17	-22	10			
06 UNL 00	BS	1038.5 N	38	-30	-30	-35	8			
07 UNL 10	1041.5 N	18	-23	-23	-29	3				
08 UNL 10	1041.4 ESE	02	-30	-30	-37	0				
09 UNL 15	1034.9 C	00	-59	0						
10 UNL 15	1035.2 C	00	-27	-27	-33	0				
11 UNL 10	1033.1 N	04	-08	-08	-12	0				
12 UNL 10	1023.8 WSW	04	-22	-22	-28	0				
13 070 10	1020.5 C	00	-22	-22	-28	10				
14 030 04	S-	1027.4 N	08	-19	-19	-24	10			
15 UNL 06	IC	1032.7 N	12	-24	-24	-32	3			
16 UNL 15		1036.8 N	00	-32	-32	-39	0			
17 UNL 15		1037.1 C	00	-30	-30	-37	0			
18 030 10		1023.4 ENE	24	-07	-07	-12	10			
19 000 00	BS	1017.0 NNW	36	-13	-13	-18	10			
20 000 00	BS	1018.3 N	40	-10	-10	-15	10			
21 000 00	BS	1022.3 N	30	-21	-21	-26	10			
22 030 08	S-	1026.6 NNW	14	-16	-16	-21	10			
23 UNL 15		1029.3 NNW	10	-31	-31	-38	1			
24 000 00	BS	1008.9 N	60	-20	-20	-25	10			
25 UNL 00	1/4BS	999.7 N	42	-19	-19	-24	4			
26 UNL 15		1012.0 NNW	14	-24	-24	-30	8			
27 UNL 00	1/4BS	1021.8 N	60	-31	-31	-37	8			
28 000 00	1/2F	1015.9 NW	06	-27	-27	-35	10			
29 UNL 10	1/2BS	1014.4 NNW	22	-23	-23	-29	6			
30 UNL 10		1015.9 C	00	-30	-30	-39	0			
31 UNL 15		1013.6 C	00	-38	0					
AVG		1026.0	16	-27	04					

ISACHSEN NWT
JANUARY 1959 0500 MST

01 UNL 15	1017.6 C	00	-55	0						
02 UNL 15	1028.5 C	00	-51	0						
03 UNL 15	1043.9 C	00	-52	0						
04 UNL 15	1047.2 C	00	-37	0						
05 000 00	BS	1039.6 NNE	45	-28	-28	-34	10			
06 UNL 01	BS	1040.9 N	32	-27	-27	-33	3			
07 UNL 10		1041.1 N	16	-20	-20	-26	4			
08 UNL 15		1040.9 C	00	-58	-28	-34	0			
09 UNL 15		1034.2 C	00	-59	0					
10 UNL 15		1034.3 N	20	-16	-16	-23	0			
11 UNL 10		1032.3 N	36	-13	-13	-18	0			
12 UNL 10		1021.5 N	24	-17	-17	-22	0			
13 070 10		1022.2 N	08	-23	-23	-29	10			
14 UNL 04	S-	1028.3 N	10	-25	-25	-31	9			
15 UNL 05	IC	1033.0 N	30	-21	-21	-26	10			
16 UNL 15		1037.5 C	00	-32	-32	-38	0			
17 UNL 15		1035.6 C	00	-28	-28	-34	0			
18 UNL 10		1022.7 E	04	-16	-16	-27	0			
19 000 00	BS	1017.6 NNW	41	-18	-18	-23	10			
20 000 00	BS	1020.1 N	36	-10	-10	-15	10			
21 000 00	BS	1022.4 N	30	-21	-21	-26	10			
22 000 00	BS	1026.9 N	20	-15	-15	-20	10			
23 UNL 15		1028.4 NNW	10	-31	-31	-37	0			
24 000 00	BS	1005.8 N	76	-20	-20	-25	10			
25 UNL 01	BS	1002.2 NE	12	-19	-19	-24	0			
26 020 06	S-	1012.6 NNW	04	-19	-19	-25	10			
27 000 00	BS	1011.3 NNW	35	-11	-11	-18	10			
28 UNL 01	F	1017.0 NNW	18	-25	-25	-30	4			
29 UNL 10		1016.0 NNW	10	-25	-25	-30	1			
30 UNL 10		1015.9 E	06	-30	-30	-39	0			
31 UNL 15	IC	1013.2 NE	06	-37	0					
AVG		1026.2	16	-27	04					

Date	Calling (1000'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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ISACHSEN NWT
JANUARY 1959 0800 MST

01 UNL 15	1019.9 C	00	-57	0						
02 UNL 15	1029.7 C	00	-55	0						
03 UNL 15	1045.6 C	00	-51	0						
04 UNL 15	1046.2 N	06	-32	-32	-38	0				
05 UNL 00	BS	1040.8 NNW	28	-29	-29	-35	8			
06 UNL 02	BS	1041.3 N	16	-25	-25	-31	1			
07 UNL 10		1040.6 N	12	-13	-13	-19	2			
08 UNL 15		1041.0 C	00	-34	-34	-40	0			
09 UNL 15		1039.4 C	00	-39	0					
10 UNL 15		1034.3 NNW	14	-14	-14	-19	0			
11 UNL 10		1031.5 NW	24	-19	-19	-24	0			
12 UNL 15		1019.3 N	20	-22	-22	-28	0			
13 UNL 10		1022.1 N	04	-24	-24	-29	5			
14 UNL 03	BS	1028.3 N	27	-28	-28	-33	7			
15 UNL 10		1039.4 NE	04	-32	-32	-40	0			
16 UNL 15		1038.0 C	00	-31	-31	-37	0			
17 UNL 15		1034.1 C	00	-25	-25	-31	0			
18 UNL 10		1021.2 SE	02	-17	-17	-23	0			
19 000 00	BS	1016.1 NNW	40	-21	-21	-26	10			
20 000 00	BS	1021.3 N	38	-12	-12	-17	10			
21 000 01	BS	1021.3 N	35	-22	-22	-28	10			
22 030 10		1025.6 N	18	-19	-19	-24	10			
23 080 15		1026.7 N	22	-30	-30	-36	10			
24 000 00	BS	1004.5 N	76	-20	-20	-25	10			
25 UNL 00	1/4BS	1001.9 N	38	-21	-21	-27	6			
26 020 06	S-	1012.3 N	16	-15	-15	-20	10			
27 020 04	S-	1012.3 N	20	-31	-31	-37	0			
28 UNL 01	F	1016.9 NNW	20	-23	-23	-29	4			
29 UNL 10		1016.7 NNW	08	-27	-27	-33	1			
30 UNL 15		1015.7 E	06	-32	-32	-41	1			
31 UNL 04	BS	1012.1 NNW	20	-33	-33	-39	4			
AVG		1026.1	16	-27	04					

ISACHSEN NWT
JANUARY 1959 1100 MST

01 UNL 15	1021.4 C	00	-54	0						
02 UNL 15	1031.5 C	00	-53	0						
03 UNL 15	1047.0 C	00	-32	0						
04 UNL 15	1045.8 C	00	-32	-32	-49	0				
05 UNL 00	BS	1039.8 N	38	-31	-31	-38	6			
06 UNL 06	BS	1040.4 N	30	-25	-25	-31	0			
07 UNL 10		1039.9 NNE	22	-16	-16	-22	0			
08 UNL 15		1040.4 C	00	-31	-31	-37	0			
09 UNL 15		1032.9 N	06	-36	0					
10 000 00	BS	1031.8 N	32	-08	-08	-12	4			
11 UNL 10		1030.0 N	20	-20	-20	-26	2			
12 UNL 15		1018.6 NNE	10	-22	-22	-28	2			
13 030 10		1022.7 NNE	12	-19	-19	-24	10			
14 015 03	S-	1029.5 NNW	16	-22	-22	-28	10			
15 UNL 10		1035.6 N	00	-36	0					
16 UNL 15		1038.3 C	00	-33	-33	-39	0			
17 UNL 15		1032.5 C	00	-23	-23	-29	4			
18 080 10		1020.0 NNW	02	-15	-15	-20	8			
19 080 00	BS	1016.0 N	38	-19	-19	-25	10			
20 000 00	BS	1022.4 N	32	-15	-15	-20	10			
21 080 00	1/4BS	1022.1 N	34	-23	-23	-29	10			
22 030 10		1026.8 NNW	16	-17	-17	-22	10			
23 080 03	BS	1024.5 N	25	-20	-20	-25	10			
24 000 00	BS	1004.3 N	75	-19	-19	-25	10			
25 UNL 08	BS	1005.0 N	25	-24	-24	-32	0			
26 020 02	BS	1013.8 NNW	16	-18	-18	-23	7			
27 UNL 00	1/2F	1015.6 SW	10	-30	-30	-37	5			
28 UNL 10	3/4IC F	1016.8 S	02	-21	-21	-27	0			
29 UNL 10		1017.3 NNW	10	-31	-31	-37	1			
30 UNL 15		1015.4 SE	03	-33	-33	-42	1			
31 000 00	BS	1011.2 NNW	26	-34	-34	-40	10			
AVG		1026.0	17	-26	05					

Date	Calling (1000'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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ISACHSEN NWT
JANUARY 1959 1400 MST

01 UNL 15	1023.2 W	08	-56	0						
02 UNL 15	1033.0 C	00	-55	0						
03 UNL 15	1048.0 C	00	-51	0						
04 UNL 15	1045.1 C	00	-31	-31	-40	5				
05 UNL 00	1/4BS	1040.8 N	26	-34	-34	-40	3			
06 UNL 06	BS	1040.7 N	30	-23	-23	-29	0			
07 UNL 10		1040.3 N	18	-21	-21	-27	0			
08 UNL 15		1039.5 C	00	-35	0					
09 UNL 15		1032.8 C	00	-36	0					
10 000 00	BS	1032.0 N	50	-06	-06	-10	10			
11 UNL 10		1029.5 N	14	-22	-22	-28	1			
12 UNL 15		1018.4 NNW	16	-25	-25	-31	1			
13 030 06	S-	1023.5 N	18	-18	-18	-23	9			
14 UNL 01	BS	1030.4 N	22	-29	-29	-34				

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
FEBRUARY 1959 0200 MST

01 UNL 00	1/4BS	1008.6	NNW	30	-38	9				
02 000 00	BS	997.3	NNW	32	-28	-28	-34	10		
03 060 10		1001.3	NE	14	-34	-34	-41	10		
04 UNL 10		1020.1	N	25	-27	-27	-35	4		
05 000 00	BS	1010.2	NNW	40	-30	-30	-37	10		
06 030 07	S-	1005.6	NNW	12	-17	-17	-22	10		
07 UNL 00	BS	1006.8	NNW	40	-34	-34	-40	9		
08 UNL 00	3/4BS	1012.7	NNW	28	-39	-39	-45	10		
09 UNL 07		1014.7	NNW	26	-41	-41	-47	10		
10 UNL 02	BS	1009.2	NNW	24	-39	-39	-45	2		
11 UNL 08		1005.7	SW	04	-39	-39	-45	0		
12 UNL 01	BS	1010.2	NNW	24	-36	-36	-42	0		
13 000 00	BS	1004.3	NNW	28	-37	-37	-43	10		
14 UNL 00	1/2BS	997.7	NNW	26	-33	-33	-39	4		
15 060 05	IC	1003.0	WSW	12	-27	-27	-33	6		
16 UNL 07		1011.4	C	00	-33	-33	-43	5		
17 UNL 10		1017.3	SW	06	-39	-39	-45	2		
18 UNL 10		1009.6	C	00	-33	-33	-43	1		
19 UNL 15		1016.0	C	00	-36	-36	-42	0		
20 UNL 10	IC	1026.4	C	00	-28	-28	-34	0		
21 000 00	BS	1008.3	SSE	26	-13	-13	-18	10		
22 020 04	S-IF	992.9	C	00	-12	-12	-16	10		
23 080 10		1001.7	SW	10	-28	-28	-34	9		
24 030 02	S-IF	995.6	SSE	14	-21	-21	-25	10		
25 UNL 10		1025.7	SW	18	-33	-33	-39	0		
26 UNL 03	BS	998.1	NNW	26	-34	-34	-40	2		
27 UNL 07		1002.2	C	00	-47	-47	-53	1		
28 080 02	IC IF	997.4	SSE	18	-33	-33	-39	8		

AVG 1006.3, 17 -32 05

ISACHSEN NWT
FEBRUARY 1959 0500 MST

01 UNL 00	1/4BS	1007.4	N	45	-37	8				
02 000 00	BS	995.2	NNW	30	-28	-28	-34	10		
03 060 10	IC	1003.8	N	12	-25	-25	-30	7		
04 030 08	IC	1020.5	NNE	10	-26	-26	-32	8		
05 000 00	BS	1010.3	NNW	48	-30	-30	-37	10		
06 UNL 10		1004.5	NNW	14	-18	-18	-23	3		
07 UNL 00	BS	1006.4	NNW	40	-33	-33	-39	8		
08 070 02	BS	1014.4	N	18	-38	-38	-44	10		
09 UNL 07		1014.9	NNW	18	-40	-40	-46	1		
10 UNL 02	BS	1007.8	NNW	20	-39	-39	-45	0		
11 UNL 08		1006.1	NNW	10	-40	-40	-46	0		
12 UNL 07		1011.9	NNW	18	-35	-35	-41	0		
13 000 00	BS	1002.7	NNW	24	-35	-35	-41	10		
14 UNL 07	N	999.2	N	06	-32	-32	-38	0		
15 UNL 05	IC	1004.2	NW	10	-29	-29	-35	3		
16 UNL 10		1021.7	WSW	10	-29	-29	-35	1		
17 UNL 10		1019.7	C	00	-37	-37	-43	2		
18 UNL 10		1008.7	C	00	-34	-34	-40	0		
19 020 08	IC	1018.0	C	00	-36	-36	-42	9		
20 UNL 10	IC	1025.5	SSE	12	-29	-29	-34	0		
21 000 00	S BS	1009.0	SSE	30	-11	-11	-15	10		
22 020 06	IC	993.2	NNW	10	-19	-19	-21	10		
23 080 10		1002.5	SW	12	-30	-30	-36	8		
24 030 05	S-	994.1	S	09	-25	-24	-29	9		
25 UNL 10		993.4	NNW	08	-48	-48	-54	0		
26 UNL 07		999.8	NNW	06	-36	-36	-42	2		
27 UNL 07	IC	1001.7	C	00	-46	-46	-52	1		
28 020 01	S-IF	997.4	SSE	18	-32	-32	-38	10		

AVG 1006.4 16 -32 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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ISACHSEN NWT
FEBRUARY 1959 0800 MST

01 UNL 10		1010.0	N	02	-37	-37	-43	2		
02 000 00	BS	994.9	NNW	40	-28	-28	-34	10		
03 060 10		1006.4	NNE	16	-22	-22	-28	9		
04 UNL 00	1/2BS	1016.8	NNW	30	-19	-19	-24	5		
05 UNL 00	1/2BS	1010.9	NNW	34	-19	-19	-23	6		
06 030 08	S-	1004.2	NW	16	-16	-16	-21	10		
07 UNL 00	1/4BS	1006.3	NNW	32	-31	-31	-37	7		
08 070 01	BS	1014.6	NNW	20	-40	-40	-46	1		
09 UNL 07		1013.0	NNW	12	-40	-40	-46	1		
10 UNL 02	BS	1006.4	NW	20	-40	-40	-46	1		
11 UNL 08		1002.3	N	07	-38	-38	-44	0		
12 UNL 05	IF	1012.4	NNW	24	-37	-37	-43	0		
13 000 00	BS	1000.1	NNW	30	-29	-29	-35	10		
14 UNL 02	BS	998.6	N	22	-28	-28	-34	3		
15 UNL 05	IC	1005.3	NNW	15	-32	-32	-39	3		
16 UNL 07		1012.2	WSW	06	-39	-39	-45	1		
17 080 07	IC	1017.5	C	00	-36	-36	-42	8		
18 UNL 10		1008.3	C	00	-34	-34	-40	1		
19 020 07		1019.4	C	00	-34	-34	-40	7		
20 010 01	IF	1023.3	SSE	16	-26	-26	-31	7		
21 000 00	S-BS	1003.0	SSE	32	-11	-11	-15	10		
22 010 00	3/4IF	994.9	NNW	20	-26	-26	-30	6		
23 080 10		1002.5	SW	08	-31	-31	-37	8		
24 020 02	S-IF	992.9	WSW	06	-26	-26	-30	10		
25 UNL 10		1025.7	SW	18	-33	-33	-39	2		
26 UNL 03	IF	1000.7	NW	08	-37	-37	-43	2		
27 UNL 03	IC IF	1001.4	ESE	04	-44	-44	-50	2		
28 020 01	IF	996.7	SSE	14	-31	-31	-37	10		

AVG 1006.3 16 -31 05

ISACHSEN NWT
FEBRUARY 1959 1100 MST

01 UNL 00	BS	1007.4	NNW	32	-35	-35	-41	8		
02 000 00	BS	994.4	N	32	-25	-25	-31	10		
03 UNL 10		1009.4	N	16	-25	-25	-33	3		
04 UNL 00	BS	1014.5	NNW	44	-19	-19	-24	8		
05 UNL 00	1/4BS	1010.6	N	30	-17	-17	-22	5		
06 013 01	IF	1004.3	NNW	20	-16	-16	-21	10		
07 000 00	BS	1005.8	NNW	42	-31	-31	-37	10		
08 UNL 00	3/4BS	1014.8	NNW	22	-40	-40	-46	3		
09 UNL 10		1014.8	NNW	14	-40	-40	-46	1		
10 UNL 05	IF	1005.6	NNW	14	-36	-36	-42	1		
11 UNL 08		1006.3	NNW	08	-42	-42	-48	1		
12 UNL 03	IF	1011.9	NW	20	-36	-36	-42	1		
13 000 00	BS	998.4	NNW	36	-29	-29	-35	10		
14 UNL 10		998.7	SSE	04	-26	-26	-32	2		
15 UNL 10		1005.9	NNW	14	-33	-33	-39	3		
16 UNL 10		1022.6	SW	06	-40	-40	-46	4		
17 060 07	IC	1016.8	C	00	-35	-35	-41	10		
18 UNL 15		1008.4	C	00	-33	-33	-39	1		
19 030 02	IF	1021.1	C	00	-33	-33	-39	10		
20 010 00	1/2IF	1021.2	SE	04	-23	-23	-28	10		
21 010 00	1/4S-BS	1001.3	S	18	-13	-13	-17	10		
22 UNL 02	IF	996.2	NNW	09	-28	-28	-32	3		
23 030 03	S-IF	1002.3	SSE	08	-30	-30	-32	9		
24 020 01	S-IF	992.1	NNW	16	-30	-30	-32	8		
25 080 04	IF	995.3	C	00	-47	-47	-53	6		
26 UNL 03	IF	1001.2	NNW	08	-39	-39	-45	3		
27 120 02	IF	1000.8	ESE	04	-41	-41	-47	3		
28 080 02	IF	996.5	SSE	16	-30	-30	-35	9		

AVG 1006.0 16 -31 06

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
FEBRUARY 1959 1400 MST

01 UNL 00	BS	1005.8	NNW	30	-34	-34	-40	8		
02 UNL 00	1/2BS	995.3	N	20	-28	-28	-34	4		
03 UNL 10		1013.2	NNW	20	-28	-28	-34	3		
04 000 00	BS	1013.2	N	50	-17	-17	-22	10		
05 UNL 07		1011.5	N	14	-18	-18	-25	4		
06 000 00	BS	1005.2	NNW	20	-22	-22	-27	10		
07 000 00	BS	1007.5	NNW	32	-34	-34	-40	10		
08 UNL 04	BS	1016.1	N	20	-42	-42	-48	1		
09 UNL 10		1014.8	NW	06	-42	-42	-48	1		
10 UNL 00	3/4IF	1005.6	NW	10	-38	-38	-44	4		
11 UNL 03	IF	1007.2	N	10	-39	-39	-45	1		
12 UNL 05	IF	1011.9	NW	18	-39	-39	-45	1		
13 UNL 00	1/4BS	998.2	NNW	23	-32	-32	-38	6		
14 UNL 05	BS	998.5	N	23	-25	-25	-31	10		
15 UNL 07		1008.2	N	14	-33	-33	-39	3		
16 080 10		1013.9	SW	06	-40	-40	-46	8		
17 UNL 07		1015.6	C	00	-36	-36	-42	1		
18 UNL 15		1010.1	C	00	-35	-35	-41	1		
19 UNL 15		1022.8	C	00	-33	-33	-39	1		
20 010 00	1/2BS	1018.4	SE	24	-19	-19	-25	10		
21 010 00	1/2IF	999.3	SSE	16	-13	-13	-18	10		
22 UNL 04	IF	998.3	NW	09	-31	-31	-35	3		
23 080 03	S-IF	1001.3	SSE	08	-26	-				

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 (percent)
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ISACHSEN NMT
MARCH 1959 0200 MST

01 UNL 03	IC	IF	997.1 ENE	08	-30	-30	-37	1		
02 UNL 08			1003.3 C	00	-45			2		
03 UNL 05	IC	IF	1013.0 S	10	-42					
04 015 02	S-IF	1019.2 WSW	08	-21	-21	-26	10			
05 UNL 05	IC	IF	1021.0 SW	10	-30	-37	0			
06 UNL 08			1019.4 C	00	-26	-26	-34	2		
07 UNL 04	IF	1014.3 ENE	08	-24	-24	-31	3			
08 UNL 05	IF	1014.1 C	00	-29	-29	-35	1			
09 UNL 02	S-IF	1012.5 C	00	-33	-33	-36	5			
10 UNL 04	IF	1006.6 NNE	12	-31	-31	-37	9			
11 015 02	IC	IF	1004.7 NE	04	-30	-29	-33	10		
12 UNL 04	IC	IF	1005.8 WSW	14	-36	3				
13 UNL 10			1009.8 SW	06	-44	1				
14 UNL 10			1013.4 C	00	-42	1				
15 UNL 04	IC	IF	1007.8 C	00	-44	0				
16 UNL 10			1010.8 C	00	-44	1				
17 UNL 03	IF	1015.7 SE	08	-43	2					
18 UNL 04	IC	IF	1014.5 SSE	10	-37	2				
19 080 04	S-IF	1006.7 SW	12	-25	-25	-29	10			
20 UNL 10			1013.4 C	00	-36	0				
21 030 06	S-	1017.8 C	00	-29	-29	-38	10			
22 UNL 10			1019.5 C	00	-34	3				
23 UNL 15			1022.6 C	00	-38	1				
24 080 10	IC	IF	1030.0 C	00	-31	-31	-37	8		
25 080 07			1032.2 ESE	04	-26	-26	-32	9		
26 080 10			1024.6 C	00	-28	-28	-36	8		
27 078 08	IC	IF	1019.5 NNE	08	-29	-29	-34	9		
28 020 02	S-IF	1018.3 C	00	-28	-28	-34	10			
29 UNL 05	IF	1018.5 C	00	-35	-35	-41	0			
30 UNL 15			1018.6 C	00	-40	0				
31 UNL 08			1012.8 C	00	-34	-34	-40	1		
AVG			1014.7	04	-34		04			

ISACHSEN NMT
MARCH 1959 0500 MST

01 UNL 07	IC	IF	997.2 ENE	02	-31	-31	-37	2		
02 UNL 10			1004.6 C	00	-46	1				
03 060 02	IC	IF	1014.2 SSE	06	-39	1				
04 015 02	S-IF	1019.5 SW	10	-18	-18	-23	10			
05 UNL 05	IC	IF	1020.7 WSW	10	-30	-30	-36	1		
06 060 08			1018.6 ENE	06	-21	-21	-28	6		
07 UNL 07			1013.7 ENE	16	-24	-24	-32	3		
08 UNL 05	IF	1014.4 C	00	-31	-31	-37	1			
09 UNL 04	IF	1011.1 NNE	06	-33	-33	-43	9			
10 UNL 04	IF	1005.6 NNE	14	-32	-32	-44	2			
11 UNL 03	IF	1004.4 NNE	12	-32	-32	-38	5			
12 030 02	IF	1006.4 WSW	16	-36	7					
13 UNL 08			1010.1 SW	02	-44	1				
14 UNL 07			1013.4 C	00	-42	1				
15 UNL 04	IF	1007.2 C	00	-44	1					
16 UNL 10			1023.4 C	00	-34	-34	-44	3		
17 UNL 01	IF	1015.7 SE	08	-42	0					
18 UNL 02	IC	IF	1013.6 SSE	12	-37	4				
19 020 03	S-IF	1006.4 WSW	14	-26	-26	-30	9			
20 UNL 10			1013.2 C	00	-39	0				
21 030 06			1018.9 C	00	-26	-26	-39	10		
22 UNL 10			1019.5 C	00	-38	3				
23 UNL 12			1023.4 C	00	-34	-34	-44	3		
24 040 08			1030.9 C	00	-27	-27	-33	10		
25 080 07			1031.8 S	02	-26	-26	-32	8		
26 080 05	S-IF	1023.7 WSW	08	-26	-26	-31	9			
27 030 03	S-IF	1019.3 C	00	-25	-25	-31	10			
28 030 09	S-IF	1018.1 C	00	-28	-28	-34	7			
29 UNL 06	IF	1018.8 C	00	-35	-35	-41	1			
30 150 10			1018.1 C	00	-39	8				
31 UNL 06	IF	1012.9 C	00	-35	-35	-41	4			
AVG			1014.8	05	-33		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 (percent)
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ISACHSEN NMT
MARCH 1959 0800 MST

01 UNL 07	IC	IF	997.4 E	02	-34	-34	-40	2		
02 UNL 15			1005.8 C	00	-49	1				
03 010 03	3/4S-IF	1014.7 SSE	04	-36	10					
04 010 03	S-IF	1019.8 W	14	-17	-17	-22	10			
05 UNL 05	IF	1020.3 WSW	04	-29	-29	-38	1			
06 010 03	1/2S-F	1018.3 ESE	04	-20	-20	-25	10			
07 030 04	IF	1013.2 ENE	16	-21	-21	-26	10			
08 UNL 01	IF	1014.5 N	10	-31	-31	-37	2			
09 080 02	IF	1010.9 NNE	08	-32	-32	-38	8			
10 UNL 02	IF	1004.8 N	14	-31	-31	-40	0			
11 UNL 02	IF	1004.8 NNE	08	-31	-31	-37	3			
12 UNL 06	IF	1006.8 SSE	06	-37	3					
13 UNL 06	IF	1010.4 SW	10	-43	1					
14 UNL 05	IF	1012.8 C	00	-42	1					
15 UNL 05	IF	1006.8 C	00	-45	1					
16 UNL 08			1012.4 E	02	-32	0				
17 UNL 01	IF	1015.6 SE	10	-40	9					
18 150 01	1/2S-IF	1012.0 S	12	-36	8					
19 080 02	1/2S-IF	1006.6 WSW	04	-28	-28	-32	8			
20 UNL 08			1012.9 C	00	-34	-34	-44	0		
21 UNL 06	IF	1019.4 C	00	-27	-27	-32	1			
22 UNL 06	IC	IF	1017.5 C	00	-33	-33	-43	0		
23 UNL 15			1024.9 C	00	-33	-33	-42	3		
24 030 08			1031.7 C	00	-25	-25	-31	8		
25 UNL 12			1031.2 ESE	02	-24	-24	-32	1		
26 080 06	IF	1022.2 WSW	05	-25	-25	-31	8			
27 030 05	S-IF	1017.5 C	00	-29	-29	-34	0			
28 UNL 12	S-	1018.1 C	00	-26	-26	-32	3			
29 UNL 10			1018.7 C	00	-30	-30	-36	0		
30 UNL 06	IF	1017.4 C	00	-36	4					
31 UNL 12			1012.2 C	00	-31	-31	-40	0		
AVG			1014.7	04	-32		04			

ISACHSEN NMT
MARCH 1959 1100 MST

01 080 04	IF	997.7 C	00	-33	-33	-36	9			
02 UNL 02	IF	1006.8 C	00	-49	1					
03 010 03	1/2S-IF	1013.2 S	08	-32	-32	-42	10			
04 010 02	IF	1019.8 WSW	14	-18	-18	-23	8			
05 150 10			1020.1 WSW	06	-30	-30	-38	6		
06 080 02	IF	1018.2 ESE	06	-21	-21	-28	8			
07 080 03	IF	1013.4 ENE	08	-20	-20	-27	9			
08 UNL 02	IF	1014.7 N	08	-32	-32	-38	0			
09 080 00	1/2IF	1010.2 N	10	-32	-32	-39	8			
10 UNL 00	1/4BS	1004.1 N	14	-39	-39	-45	6			
11 080 04	IF	1004.7 WNW	10	-31	-31	-38	8			
12 UNL 06	IF	1007.2 WSW	08	-37	2					
13 UNL 08			1010.6 WSW	04	-40	2				
14 UNL 12			1012.3 C	00	-37	1				
15 UNL 12			1006.7 SE	02	-41	1				
16 UNL 06	IF	1014.1 N	14	-39	-39	-45	6			
17 150 00	3/4IF	1015.0 SSE	15	-38	10					
18 UNL 02	S-IF	1010.5 S	14	-33	-33	-39	3			
19 UNL 15			1007.4 C	00	-25	-25	-31	0		
20 UNL 12			1012.3 C	00	-29	-29	-38	5		
21 UNL 12			1019.8 C	00	-24	-24	-32	1		
22 UNL 15			1019.4 C	00	-32	-32	-40	0		
23 UNL 15			1023.9 C	00	-30	-30	-38	0		
24 UNL 05	IF	1032.3 WSW	04	-21	-21	-26	5			
25 UNL 10			1030.1 E	04	-21	-21	-28	0		
26 080 05	IF	1021.1 W	04	-23	-23	-27	8			
27 080 07			1018.4 C	00	-18	-18	-23	6		
28 UNL 07			1017.7 C	00	-23	-23	-29	5		
29 UNL 02			1018.5 C	00	-27	-27	-35	8		
30 150 06	IF	1016.2 C	00	-33	-33	-39	10			
31 UNL 10			1012.1 C	00	-27	-27	-35	3		
AVG			1014.6	05	-30		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 (percent)
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ISACHSEN NMT
MARCH 1959 1400 MST

01 080 05	IF	998.6 C	00	-33	-33	-39	6			
02 UNL 05	IF	1008.5 C	00	-47	1					
03 080 02	S-IF	1016.2 S	08	-30	-30	-37	8			
04 030 02	IF	1021.1 WSW	16	-22	-22	-28	6			
05 UNL 08			1020.3 C	00	-30	-30	-39	5		
06 UNL 04	IF	1017.6 ENE	02	-18	-18	-24	3			
07 080 02	IF	1013.4 NE	04	-14	-14	-25	8			
08 UNL 01	IF	1014.8 NNE	12	-31	-31	-37	0			
09 UNL 00	1/2IF	1009.5 NNE	06	-32	-32	-38	2			
10 UNL 00	1/4BS	1003.6 N	30	-25	-25	-31	4			
11 UNL 07			1004.8 NNE	08	-31	-31	-37	4		
12 UNL 06	IF	1007.7 SW	12	-38	3					
13 UNL 15			1011.4 WSW	10	-37	5				
14 UNL 15			1011.8 C	00	-36	0				

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Clouding (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea Cover (tenths)
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ISACHSEN NMT
APRIL 1959 0200 MST

01 UNL 08	1010.6	C	00	-37					3	
02 UNL 08	1011.9	C	00	-33					1	
03 UNL 10	1011.2	E	04	-34	-34	-40	0		0	
04 UNL 10	1017.4	C	00	-35	-35	-41	0		0	
05 UNL 00	1017.3	E	04	-30	-30	-36	4		0	
06 080 02	1020.1	SW	10	-16	-16	-21	8		0	
07 060 07	1023.5	C	00	-23	-23	-29	10		0	
08 060 10	1033.9	C	00	-20	-20	-25	9		0	
09 UNL 10	1027.5	C	00	-29	-29	-38	2		0	
10 035 04	1019.7	C	00	-28	-28	-31	9		0	
11 010 01	1005.9	W	14	-15	-15	-20	10		0	
12 UNL 01	1013.9	ESE	02	-27	-27	-33	0		0	
13 035 02	1013.8	SSE	26	-09	-09	-14	10		0	
14 090 10	1021.8	C	00	-31	-31	-37	6		0	
15 UNL 15	1034.1	C	00	-23	-23	-29	4		0	
16 UNL 10	1030.1	SE	15	-02	-02	-06	5		0	
17 UNL 15	1035.6	C	00	-22	-22	-28	0		0	
18 UNL 15	1037.4	C	00	-27	-27	-33	0		0	
19 UNL 01	1036.2	NNW	16	-16	-16	-21	7		0	
20 UNL 10	1032.8	C	00	-20	-20	-27	0		0	
21 000 00	1031.4	N	12	-13	-13	-18	10		0	
22 UNL 00	1031.0	N	30	-16	-16	-22	5		0	
23 UNL 01	1031.1	N	22	-16	-16	-22	4		0	
24 UNL 15	1024.7	N	08	-17	-17	-22	0		0	
25 UNL 15	1023.3	C	00	-18	-19	-25	0		0	
26 UNL 15	1009.3	NE	04	-14	-14	-19	0		0	
27 UNL 15	1016.6	SSE	10	-06	-06	-11	8		0	
28 UNL 15	1012.2	NNW	04	-15	-15	-24	0		0	
29 UNL 15	1008.4	NNW	14	-14	-14	-21	1		0	
30 UNL 10	1013.1	NW	02	-10	-11	-18	0		0	

AVG 1021.8 06 -21 -21 -26 04

ISACHSEN NMT
APRIL 1959 0500 MST

01 UNL 05	1011.3	C	00	-38					4	
02 UNL 06	1011.9	C	00	-39					1	
03 UNL 10	1011.4	N	08	-34	-34	-40	1		0	
04 UNL 10	1018.2	C	00	-33	-33	-39	0		0	
05 010 00	1017.6	WNW	14	-26	-26	-32	10		0	
06 080 03	1020.7	SW	08	-16	-16	-21	9		0	
07 060 07	1024.8	C	00	-22	-22	-28	6		0	
08 080 10	1034.0	C	00	-19	-19	-25	7		0	
09 UNL 07	1026.6	C	00	-29	-29	-37	2		0	
10 035 05	1010.0	C	00	-22	-22	-27	8		0	
11 UNL 02	1014.2	SE	10	-23	-23	-30	1		0	
12 UNL 02	1014.1	ESE	06	-28	-28	-34	2		0	
13 150 04	1015.5	SE	20	-11	-11	-16	7		0	
14 150 10	1023.5	C	00	-31	-31	-37	7		0	
15 100 15	1035.1	C	00	-19	-19	-26	8		0	
16 100 12	1030.6	S	04	-02	-02	-08	8		0	
17 UNL 15	1036.3	C	00	-18	-18	-23	0		0	
18 UNL 15	1036.0	C	00	-20	-20	-26	0		0	
19 UNL 01	1035.9	WSW	04	-10	-10	-15	4		0	
20 UNL 15	1032.5	C	00	-20	-20	-28	0		0	
21 080 00	1031.9	N	06	-12	-12	-17	7		0	
22 UNL 01	1031.4	N	25	-09	-09	-14	4		0	
23 UNL 01	1031.1	NNE	06	-16	-16	-20	4		0	
24 UNL 15	1024.3	NNW	06	-17	-17	-25	0		0	
25 UNL 15	1022.9	C	00	-14	-14	-22	0		0	
26 UNL 15	1008.2	C	00	-15	-15	-22	6		0	
27 UNL 15	1016.1	C	00	-10	-11	-17	0		0	
28 UNL 15	1011.5	NNW	02	-13	-13	-22	0		0	
29 UNL 15	1008.8	NW	14	-13	-13	-20	1		0	
30 UNL 03	1014.3	NE	04	-10	-10	-17	1		0	

AVG 1022.1 05 -20 -20 -25 04

Date	Clouding (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea Cover (tenths)
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ISACHSEN NMT
APRIL 1959 0800 MST

01 UNL 10	1011.4	C	00	-36					0	
02 UNL 10	1011.8	C	00	-35	-35	-41	1		0	
03 UNL 15	1011.7	E	02	-30	-30	-36	0		0	
04 UNL 02	1018.5	C	00	-29	-29	-37	0		0	
05 010 01	1017.7	WNW	10	-26	-26	-31	9		0	
06 080 03	1020.9	SW	10	-16	-16	-21	9		0	
07 UNL 15	1026.2	C	00	-21	-21	-26	1		0	
08 UNL 15	1033.9	C	00	-17	-17	-22	1		0	
09 UNL 10	1024.6	C	00	-24	-24	-32	0		0	
10 035 05	1016.3	SE	02	-18	-18	-23	8		0	
11 060 02	1007.4	W	10	-25	-25	-33	8		0	
12 080 02	1014.3	E	08	-23	-23	-29	6		0	
13 060 03	1015.7	SE	20	-07	-07	-11	10		0	
14 UNL 10	1024.5	C	00	-26	-26	-32	1		0	
15 050 08	1031.1	WE	09	-13	-13	-28	9		0	
16 030 10	1031.0	SE	04	01	01	-05	8		0	
17 UNL 15	1036.8	C	00	-16	-17	-29	0		0	
18 UNL 15	1037.8	C	00	-15	-15	-26	0		0	
19 UNL 10	1035.1	C	00	-15	-15	-23	0		0	
20 UNL 15	1032.1	C	00	-18	-18	-25	5		0	
21 010 02	1031.6	NNW	14	-11	-11	-16	9		0	
22 002 00	1032.2	M	04	-16	-16	-21	10		0	
23 UNL 00	1029.8	N	18	-14	-14	-19	8		0	
24 UNL 15	1024.0	C	00	-12	-12	-20	0		0	
25 UNL 15	1022.1	C	00	-07	-07	-14	0		0	
26 080 15	1007.9	C	00	-12	-12	-17	9		0	
27 UNL 15	1016.8	SE	12	-09	-09	-17	10		0	
28 UNL 15	1010.5	C	00	-14	-15	-20	0		0	
29 070 12	1009.0	NNW	08	-14	-13	-20	9		0	
30 UNL 08	1015.5	N	12	-08	-08	-16	2		0	

AVG 1022.1 05 -18 -18 -24 04

ISACHSEN NMT
APRIL 1959 1100 MST

01 UNL 15	1011.7	C	00	-32	-32	-42	1		0	
02 080 05	1011.4	E	06	-33	-33	-39	9		0	
03 UNL 15	1012.0	SE	04	-26	-26	-34	0		0	
04 UNL 10	1018.5	N	08	-23	-23	-30	9		0	
05 080 03	1018.4	SW	06	-19	-19	-25	8		0	
06 100 10	1021.9	WSW	10	-16	-16	-24	9		0	
07 150 15	1027.6	C	00	-19	-19	-26	9		0	
08 UNL 15	1033.2	C	00	-16	-16	-23	0		0	
09 UNL 15	1024.1	C	00	-24	-24	-32	2		0	
10 080 12	1013.8	E	04	-13	-13	-20	10		0	
11 130 00	1007.8	W	16	-24	-24	-30	10		0	
12 150 02	1013.9	SSE	16	-12	-12	-17	6		0	
13 060 02	1015.5	SE	22	-08	-08	-12	10		0	
14 UNL 15	1026.0	C	00	-24	-24	-33	0		0	
15 220 10	1034.3	E	19	-20	-20	-25	9		0	
16 070 12	1031.2	SSE	10	04	04	-02	8		0	
17 UNL 15	1036.9	C	00	-11	-12	-19	0		0	
18 UNL 15	1037.4	C	00	-11	-11	-18	0		0	
19 070 10	1034.6	C	00	-09	-09	-17	7		0	
20 150 10	1032.0	C	00	-09	-09	-13	7		0	
21 150 01	1031.4	NNW	20	-10	-10	-15	7		0	
22 UNL 01	1031.3	NNW	24	-14	-14	-19	8		0	
23 UNL 00	1028.7	N	10	-13	-13	-18	9		0	
24 UNL 15	1023.8	C	00	-01	-01	-05	0		0	
25 UNL 15	1020.3	C	00	-03	-03	-09	0		0	
26 180 15	1008.2	C	00	-03	-04	-12	8		0	
27 UNL 15	1016.0	SSE	10	-07	-07	-13	0		0	
28 UNL 15	1009.7	C	00	-04	-04	-11	0		0	
29 070 08	1008.9	NNW	10	-06	-07	-14	9		0	
30 UNL 05	1016.7	N	06	-04	-04	-09	2		0	

AVG 1021.9 07 -14 -14 -20 05

Date	Clouding (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea Cover (tenths)
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ISACHSEN NMT
APRIL 1959 1400 MST

01 UNL 15	1012.5	C	00	-31	-31	-38	1		0	
02 UNL 15	1011.6	E	08	-32	-33	-42	0		0	
03 UNL 15	1013.5	SSE	04	-29	-29	-38	0		0	
04 UNL 10	1018.8	NW	02	-24	-24	-32	0		0	
05 150 03	1018.9	W	16	-16	-16	-21	9		0	
06 150 12	1021.6	WSW	08	-16	-16	-24	8		0	
07 UNL 15	1029.5	C	00	-17	-17	-25	3		0	
08 UNL 15	1033.0	C	00	-14	-14	-21	0		0	
09 UNL 15	1023.2	C	00	-19	-19	-28	0		0	
10 080 15	1011.3	ESE	02	-12	-12	-19	9		0	
11 150 01	1008.7	W	20	-23	-23	-29	10		0	
12 008 00	1013.7	SSE	25	-07	-07	-11	10		0	
13 060 05	1015.7	SE	17	-05	-05	-09	10		0	
14 UNL 15	1027.7	C	00	-16	-16	-23	1		0	
15 150 15	1033.0	E	20	-09	-09	-13	10		0	
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SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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ISACHSEN NMT
MAY 1959 0200 MST

01 UNL 15				1023.3 N	22	-05	-05	-11	4	
02 UNL 15	IC			1032.9 C	00	-09	-10	-16	0	
03 UNL 15	IC			1034.3 N	08	-12	-12	-18	1	
04 UNL 15				1037.1 N	06	-10	-10	-17	0	
05 UNL 08				1028.0 NNW	24	-06	-06	-12	2	
06 UNL 15				1020.0 NNW	12	-05	-05	-10	4	
07 UNL 15				1013.8 C	00	-06	-07	-14	2	
08 UNL 15				1008.8 C	00	-09	-09	-15	0	
09 UNL 15				1004.3 NNW	06	-10	-10	-16	1	
10 010 12				1009.7 C	00	-02	-02	-07	10	
11 040 01	S-			1019.9 SSE	10	01	01	-04	9	
12 010 10	S-			1028.6 SSW	04	-01	-01	-06	10	
13 020 08	S-			1029.1 S	12	02	02	-02	10	
14 050 12	S-			1026.4 NW	04	08	08	03	9	
15 009 07	S-			1029.1 N	06	08	07	02	10	
16 025 15				1033.7 NNW	10	07	06	00	9	
17 012 12				1037.8 NNE	02	06	06	00	10	
18 UNL 05	IF			1029.9 S	12	01	00	-05	1	
19 020 05	S-			1020.7 S	16	14	14	10	10	
20 020 08	S-			1017.4 SW	04	15	15	11	10	
21 080 06	S-F			1017.7 NNW	16	10	10	05	9	
22 UNL 12				1020.1 NNW	10	08	08	03	6	
23 150 12	S-			1015.6 NNW	10	06	06	01	10	
24 010 00	1/4S-F			1014.8 N	12	13	13	09	10	
25 UNL 15	F			1015.5 NNE	20	12	12	02	10	
26 015 08	S-			1013.4 C	06	14	14	10	10	
27 040 08	S-			1013.2 NNW	12	15	14	11	10	
28 004 01	F			1014.1 N	08	14	14	10	9	
29 040 15				1014.0 NNW	06	20	19	16	10	
30 030 12				1008.9 NNW	10	22	21	19	10	
31 005 02	S-F			1009.2 W	06	23	23	21	10	
AVG				1020.7	09	05	04	00	07	

ISACHSEN NMT
MAY 1959 0500 MST

01 UNL 15				1025.3 NNW	20	-07	-07	-13	1	
02 UNL 15	IC			1035.0 C	00	-12	-12	-19	1	
03 010 06	S-F			1035.0 N	08	-07	-08	-14	10	
04 UNL 15				1037.1 N	12	-07	-07	-13	1	
05 UNL 00	1/4BS			1026.5 NNW	36	-02	-02	-07	8	
06 UNL 15				1019.4 NNW	06	-05	-05	-11	4	
07 UNL 15				1013.3 C	00	-05	-05	-11	3	
08 UNL 15				1008.8 C	00	-08	-08	-15	2	
09 UNL 15				1004.3 C	00	-07	-07	-14	7	
10 010 12				1011.5 E	02	-01	-01	-08	9	
11 060 03	S-			1021.4 S	14	01	01	-04	7	
12 020 10	S-			1029.2 S	12	00	00	-05	10	
13 080 12	S-			1028.8 S	14	02	02	-03	9	
14 015 12	F			1017.1 NW	08	13	13	09	9	
15 020 12				1029.6 NNW	07	09	08	00	10	
16 UNL 15				1034.4 NNW	06	01	00	-06	3	
17 012 12				1037.7 NNE	02	05	05	00	10	
18 UNL 15				1028.6 ESE	04	02	02	-03	1	
19 020 08	S-			1020.0 S	16	15	14	11	10	
20 008 02	S-			1016.6 NNW	14	12	11	07	10	
21 080 02	S-			1017.1 NNW	14	13	13	09	9	
22 010 12	S-			1019.4 N	04	10	10	07	10	
23 010 02	S-F			1015.1 N	12	12	11	07	10	
24 010 00	1/4S-BS			1014.2 NNE	33	12	12	08	10	
25 010 05	F			1014.7 NNE	10	14	14	09	10	
26 UNL 15				1013.9 NNE	06	12	11	05	3	
27 030 08	S-			1013.0 N	06	15	14	11	10	
28 002 00	1/2F			1014.6 NNE	06	16	15	11	10	
29 035 10	S-F			1013.7 NNW	06	20	20	17	10	
30 008 10				1009.2 N	12	20	20	17	10	
31 180 08	S-			1009.5 NW	04	23	23	21	10	
AVG				1020.7	10	05	05	00	07	

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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ISACHSEN NMT
MAY 1959 0800 MST

01 UNL 15				1026.9 N	10	-07	-08	-14	0	
02 UNL 15	IC			1033.5 C	00	-10	-10	-16	1	
03 010 06				1034.6 N	10	-06	-06	-13	10	
04 UNL 10				1036.1 NNW	18	-07	-07	-13	2	
05 UNL 10				1024.5 NNW	32	-01	-01	-06	3	
06 UNL 15				1018.3 C	00	-03	-03	-08	5	
07 UNL 15				1012.4 SW	04	-04	-04	-10	5	
08 UNL 15				1007.8 C	00	-06	-06	-13	1	
09 UNL 15				1005.8 NNW	00	-05	-05	-11	7	
10 030 12				1012.8 S	08	01	01	-04	7	
11 060 10	S-L			1022.9 S	12	01	01	-05	8	
12 009 07	S-L			1029.2 S	20	03	03	-02	10	
13 009 00	1/2S			1027.4 SSE	14	04	04	-01	10	
14 016 12	S-			1027.7 NNW	08	09	08	04	10	
15 025 12	S-			1029.4 NNW	04	08	08	02	10	
16 020 15				1035.4 C	09	07	06	01	9	
17 012 12				1037.2 ESE	04	05	05	-01	10	
18 UNL 15				1027.3 SSE	14	06	06	01	1	
19 015 00	1/2S			1017.5 S	12	16	16	13	10	
20 180 08	S-			1016.4 NNE	08	10	10	05	9	
21 040 15				1018.8 NNW	20	11	11	06	9	
22 020 12	S-			1018.7 NNE	04	11	10	06	10	
23 010 02	S-F			1014.6 N	14	13	13	08	10	
24 010 00	1/2S-F			1014.3 NNE	20	13	13	09	10	
25 008 15	S-F			1012.9 NNE	10	14	14	11	10	
26 200 15				1012.9 NE	10	15	15	10	8	
27 030 10	S-			1013.0 ENE	08	15	15	12	10	
28 004 01	F			1014.6 N	06	17	17	14	10	
29 015 08	S-			1012.6 NNW	04	21	20	17	10	
30 003 02	F			1009.1 NNW	10	21	21	18	10	
31 180 05	S-			1010.6 N	06	24	24	22	10	
AVG				1020.6	09	06	06	01	08	

ISACHSEN NMT
MAY 1959 1100 MST

01 UNL 15				1028.1 N	10	-05	-05	-11	9	
02 140 06	IC			1034.4 N	00	-05	-05	-11	10	
03 UNL 15				1035.1 NNW	16	-07	-07	-13	1	
04 UNL 15				1023.6 NNW	26	03	03	-03	1	
05 UNL 10				1017.8 C	00	00	-01	-07	6	
06 180 15				1011.5 SW	08	-02	-02	-07	10	
07 015 12	F			1007.2 C	00	-01	-02	-11	1	
08 UNL 15	IC			1005.7 N	02	-03	-03	-09	8	
09 030 15				1014.0 S	10	02	02	-05	10	
10 030 12	S-			1026.0 S	16	03	03	-02	8	
11 UNL 03	3/4S-F			1029.1 S	20	05	05	00	10	
12 005 00	S-F			1026.6 S	14	05	05	01	10	
13 010 01				1028.9 NNW	04	09	09	04	10	
14 030 12				1030.0 NNW	08	08	08	02	10	
15 025 12				1035.9 NNW	06	08	07	01	10	
16 020 15	S-			1036.3 E	04	07	06	-01	9	
17 010 15				1026.3 SSE	14	10	10	05	4	
18 UNL 15				1019.0 S	14	19	18	14	10	
19 012 01	1/2S-			1028.9 NNW	10	11	11	07	7	
20 060 07	S-			1019.2 NNW	14	10	09	03	7	
21 120 12	IC			1017.3 NNW	10	11	10	02	7	
22 UNL 15				1014.3 N	08	16	15	12	9	
23 090 02	S-			1013.8 NNE	20	14	14	11	5	
24 UNL 07	S-			1015.0 N	12	16	16	12	10	
25 009 12				1011.9 E	10	17	17	14	9	
26 028 15				1015.0 ENE	02	18	18	15	9	
27 025 15				1014.6 NNW	06	18	18	16	10	
28 009 12				1011.7 NNW	04	23	22	20	10	
29 015 06	S-			1009.1 NNW	08	24	24	21	10	
30 018 04	S-F			1010.6 N	06	25	24	22	10	
31 150 08	S-			1010.6 N	06	25	24	22	10	
AVG				1020.4	09	08	08	03	08	

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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ISACHSEN NMT
MAY 1959 1400 MST

01 UNL 15				1029.7 N	10	-04	-04	-09	4	
02 020 05	S-			1033.7 C	00	-01	-01	-07	9	
03 UNL 15				1034.6 NNW	16	-08	-08	-15	1	
04 UNL 15				1033.8 NNW	24	-02	-02	-09	5	
05 UNL 15				1023.2 NW	24	04	04	-02	0	
06 180 15				1017.2 C	00	02	02	-05	10	
07 002 00	1/2F			1010.6 WSW	10	00	00	-06	10	
08 UNL 15				1007.0 WSW	04	01	00	-07	0	
09 030 12				1005.1 N	04	-03	-04	-11	10	
10 UNL 15				1015.2 SW	08	05	05	-		

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Clouds (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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ISACHSEN NMT
JUNE 1959 0200 MST

01 020 15				1015.2	NW	07	20	19	15	9
02 008 03	F			1009.6	N	14	21	20	17	10
03 070 15				1010.6	NNW	08	21	21	18	9
04 UNL 15				1014.2	N	12	20	20	18	4
05 002 10				1017.5	N	12	20	20	17	6
06 005 04				1015.4	N	11	23	22	20	10
07 UNL 02	S-F			1015.4	C	00	19	18	15	6
08 030 12				1014.4	E	20	29	28	27	10
09 018 15	S-			1017.2	SSE	14	23	23	21	10
10 015 12				1009.5	NE	15	29	28	27	10
11 015 15				1009.1	ESE	08	25	25	23	9
12 015 15				1011.8	SW	09	26	25	24	10
13 003 01	F			1016.0	SSW	04	30	30	28	10
14 020 15				1021.0	S	04	32	31	30	10
15 UNL 15				1024.8	NW	04	28	26	23	2
16 UNL 15				1031.4	ENE	06	31	28	24	5
17 006 15				1031.2	NE	06	34	31	32	10
18 100 15				1026.9	NNW	18	31	28	24	6
19 030 02	ZL-			1024.4	NW	10	32	32	31	10
20 005 04	S-			1018.2	NNW	12	31	31	30	10
21 005 08				1016.4	NNW	20	30	30	29	10
22 001 01	S-F			1008.6	WNW	01	32	32	32	10
23 040 12				1011.2	SSW	05	33	32	31	9
24 030 15				1021.2	NNW	06	34	33	32	10
25 UNL 15				1028.6	WSW	04	30	29	27	3
26 000 00	1/4F			1029.9	WSW	05	32	32	32	10
27 UNL 15				1030.0	NNW	04	36	34	31	1
28 UNL 15				1024.8	NNW	07	37	34	30	2
29 002 02	F			1019.8	N	05	30	30	30	10
30 004 08				1014.2	WNW	08	35	34	33	7
AVG				1018.6		09	29	28	26	08

ISACHSEN NMT
JUNE 1959 0500 MST

01 015 15				1014.7	N	05	20	19	15	10
02 150 12				1010.0	N	10	19	18	15	7
03 060 19				1011.0	N	10	21	21	18	9
04 UNL 15				1015.0	N	12	20	20	18	4
05 002 06	F			1017.5	N	11	21	21	19	7
06 010 10				1015.2	NNE	09	22	22	19	10
07 UNL 15				1015.3	N	07	18	17	14	1
08 020 12	S-			1014.3	ESE	13	29	29	27	10
09 015 15				1016.6	SSE	08	23	23	21	9
10 009 01	S-			1009.0	NE	17	29	29	28	10
11 018 15				1009.1	ESE	10	25	24	22	7
12 015 15				1012.4	SSW	08	28	27	26	10
13 003 00	1/2F			1016.9	SW	05	29	29	28	10
14 025 15				1021.5	ENE	07	30	30	29	10
15 060 15				1026.3	NNW	04	29	28	26	9
16 UNL 15				1031.4	ENE	05	33	31	30	5
17 006 15				1031.0	NW	07	33	32	31	10
18 006 15				1026.7	WNW	16	29	28	26	10
19 010 15				1024.0	WNW	22	31	30	30	10
20 004 03	S-F			1017.4	WNW	10	31	31	30	10
21 005 06	S-F			1016.1	NNW	20	31	31	30	9
22 002 01	S-F			1006.9	WNW	06	32	32	31	10
23 030 12	S-			1012.6	WSW	04	32	32	31	10
24 004 08				1022.6	N	10	34	33	33	10
25 060 15				1029.2	SW	06	33	31	29	7
26 060 12				1030.4	SW	04	33	32	30	9
27 UNL 15				1029.6	NNW	07	37	35	32	3
28 UNL 15				1024.8	NNW	12	37	32	32	1
29 005 04	F			1019.0	N	05	30	30	30	7
30 UNL 10				1013.7	NNW	05	38	36	34	3
AVG				1018.7		09	29	28	26	08

Date	Clouds (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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ISACHSEN NMT
JUNE 1959 0800 MST

01 016 12	S-			1011.8	NNW	09	20	19	16	10
02 080 15				1009.9	NW	11	20	20	17	8
03 015 15				1011.0	N	12	22	22	20	7
04 UNL 15				1015.7	N	09	22	22	19	2
05 002 03	F			1017.3	N	18	22	22	20	7
06 008 10				1014.6	NE	04	23	22	20	10
07 UNL 15				1015.4	ESE	07	22	22	19	3
08 012 10				1014.4	SSE	16	30	29	28	9
09 015 15				1015.9	SE	08	24	23	21	10
10 020 12	S-			1008.3	NNE	06	30	30	28	9
11 018 15				1009.0	ESE	09	26	26	24	8
12 012 15				1012.3	SSE	11	29	28	27	10
13 012 15				1017.7	C	00	29	29	28	9
14 040 15				1021.3	E	09	31	30	29	8
15 080 15				1027.5	NNW	06	32	30	28	9
16 UNL 15				1030.7	ENE	09	34	32	30	4
17 002 03	F			1030.9	WSW	06	31	31	30	10
18 006 12				1026.1	WNW	16	32	31	30	10
19 004 08	L-			1023.5	W	15	33	32	31	10
20 004 03	S-F			1017.2	NNW	12	32	32	31	10
21 005 06	S-F			1014.9	NW	20	30	30	29	10
22 004 08				1005.4	S	02	33	33	32	9
23 030 12	S-			1013.5	SW	06	33	32	31	10
24 060 15				1024.0	NNW	05	34	33	32	10
25 060 15				1029.3	SSW	12	34	33	31	9
26 080 12				1030.9	N	08	36	34	32	8
27 UNL 15				1028.9	NNW	07	40	38	35	1
28 UNL 15				1024.0	SW	05	38	36	33	1
29 UNL 15				1018.6	N	06	34	34	32	2
30 UNL 15				1013.8	WNW	07	42	40	38	5
AVG				1018.5		09	30	29	27	08

ISACHSEN NMT
JUNE 1959 1100 MST

01 015 15				1011.5	NNW	08	20	19	15	10
02 150 15				1010.1	NNW	12	21	20	16	10
03 040 15				1011.4	N	15	23	23	20	10
04 UNL 15				1016.2	N	12	23	23	21	1
05 UNL 05	F			1017.2	N	16	23	23	21	4
06 015 15				1014.4	ENE	04	22	22	19	10
07 030 15				1015.4	ENE	08	25	24	21	10
08 012 10				1015.6	S	15	28	28	26	10
09 005 02	S-F			1014.8	SE	08	25	25	23	10
10 020 12				1008.1	NE	14	30	30	29	10
11 020 15				1009.4	E	10	28	28	26	10
12 018 15				1012.6	S	12	30	29	28	10
13 008 10	S-			1018.0	C	00	32	31	29	10
14 060 15				1021.3	E	08	31	31	30	7
15 080 15				1028.7	W	04	33	32	31	7
16 190 15				1030.7	N	12	37	34	29	6
17 UNL 15				1030.4	WNW	03	32	31	30	5
18 002 02	F			1025.5	WNW	18	30	30	30	10
19 002 10	F			1022.2	W	15	33	33	32	10
20 004 02	S-F			1016.9	N	11	31	31	30	10
21 002 02	S-F			1013.5	WNW	18	31	31	30	10
22 040 15				1005.5	SSE	03	34	33	32	9
23 010 04	F			1014.3	SW	04	33	32	32	10
24 020 15				1025.1	NNW	09	36	35	34	9
25 060 15				1029.3	SW	11	35	34	32	9
26 140 15				1030.9	NNW	08	37	36	35	6
27 UNL 15				1028.2	N	08	42	39	34	2
28 UNL 15				1023.4	WNW	17	37	36	32	0
29 UNL 15				1017.6	NNW	06	40	37	34	1
30 UNL 15				1013.7	WNW	08	41	40	37	7
AVG				1018.4		10	31	30	28	08

Date	Clouds (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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ISACHSEN NMT
JUNE 1959 1400 MST

01 010 12				1011.1	NNW	15	22	21	17	9
02 180 15				1010.3	NNW	11	22	20	16	10
03 040 15				1011.5	N	20	24	23	20	7
04 UNL 15				1017.1	N	11	23	23	20	1
05 005 08				1017.2	N	11	23	22	20	8
06 010 12				1014.2	ESE	08	24	24	22	10
07 015 15				1015.8	NE	11	26	26	24	10
08 015 15				1016.7	SSE	12	26	26	24	10
09 005 02	S-F			1013.6	E	08	25	25	24	10
10 020 12				1008.1	NE	12	32	31	31	10
11 UNL 15				1009.8	SSE	10	30	30	28	4
12 018 12				1013.1	SSW	07	32	31	30	10
13 020 10	S-			1018.4	C	00	32	31	30	9
14 UNL 15				1021.7	C	00				

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 (height)
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MOULD BAY NMT
JANUARY 1959 0200 MST

01 UNL 08			1024.7 NW	07	-46	4				
02 009 08			1022.4 MSW	18	-30	-30	-36	0		
03 UNL 10			1036.5 N	18	-40	0				
04 UNL 10			1045.4 N	04	-30	-30	-36	0		
05 000 00	1/4S+		1035.4 NNE	12	-14	-14	-19	0		
06 UNL 00	3/4BS		1039.3 NE	30	-25	-25	-33	2		
07 UNL 08			1041.9 NE	02	-24	-24	-30	0		
08 UNL 10			1042.1 C	00	-24	-24	-30	0		
09 UNL 10			1038.3 C	00	-32	-32	-38	0		
10 UNL 10			1037.8 C	00	-30	-30	-38	0		
11 UNL 10			1041.1 NNE	10	-04	-04	-08	0		
12 UNL 10			1028.5 NNN	12	-14	-15	-22	2		
13 015 01			1024.0 NW	12	-12	-12	-17	9		
14 UNL 04	S-		1033.7 NW	16	-26	-26	-32	2		
15 UNL 10	IC		1037.3 C	00	-32	-32	-44	0		
16 UNL 10			1034.5 C	00	-33	-34	-46	0		
17 UNL 10			1032.4 C	00	-31	-31	-43	0		
18 070 10			1023.8 NE	02	-23	-23	-30	7		
19 UNL 01	BS		1028.1 NNE	22	-37	-37	-43	1		
20 010 08	BS		1025.6 NNN	44	-20	-20	-26	8		
21 UNL 10			1032.8 NNN	24	-21	-21	-27	1		
22 080 08			1028.6 NNE	17	-25	-25	-30	10		
23 010 08			1032.9 N	12	-15	-15	-20	10		
24 008 03			1024.0 NNN	25	-21	-21	-26	10		
25 008 05	BS		1005.2 NW	12	-09	-09	-13	10		
26 010 07			1018.2 NW	05	-13	-13	-18	10		
27 UNL 03	IF		1025.2 NNN	26	-29	-29	-35	0		
28 UNL 10			1026.0 NNN	18	-28	-28	-34	0		
29 UNL 08			1024.4 NW	12	-17	-17	-22	0		
30 UNL 10			1015.1 SW	02	-09	-09	-14	0		
31 UNL 10			1014.1 N	12	-25	-25	-31	0		
AVG			1029.8	12	-24	-24	-29	04		

MOULD BAY NMT
JANUARY 1959 0500 MST

01 UNL 08			1026.5 NNN	16	-44	3				
02 009 05	S-		1022.0 SW	07	-30	-30	-37	10		
03 UNL 10			1040.8 N	09	-36	0				
04 UNL 10			1044.7 N	12	-31	-31	-33	0		
05 000 00	S BS		1033.6 NE	27	-15	-15	-20	10		
06 UNL 08			1040.7 NNE	16	-29	-29	-37	0		
07 UNL 10			1042.2 C	00	-23	-23	-30	0		
08 UNL 10			1041.7 NNN	02	-24	-24	-31	0		
09 UNL 10			1038.6 C	00	-33	-33	-42	0		
10 UNL 10			1038.3 NNN	06	-24	-24	-31	0		
11 UNL 10			1040.9 N	08	-12	-12	-18	0		
12 UNL 10			1027.7 NW	10	-17	-17	-22	2		
13 012 03	S-		1025.4 NW	12	-14	-14	-20	10		
14 UNL 08			1035.4 N	04	-28	-28	-33	1		
15 UNL 10			1037.1 C	00	-35	-36	-57	0		
16 UNL 10			1034.3 C	00	-30	-30	-41	0		
17 UNL 10			1031.9 C	00	-29	-30	-41	0		
18 040 08	BS		1023.7 NNN	04	-22	-22	-29	9		
19 UNL 02	BS		1029.4 NW	20	-36	1				
20 010 00	BS		1027.6 NNN	35	-18	-18	-24	8		
21 UNL 10			1032.5 NNN	26	-23	-23	-29	3		
22 080 08			1029.0 N	19	-24	-24	-30	10		
23 010 08			1032.6 NNN	17	-16	-16	-21	10		
24 UNL 00	BS		1021.5 NNN	44	-22	-22	-28	4		
25 010 08			1008.2 NW	12	-09	-09	-14	10		
26 010 07			1018.6 NW	07	-12	-12	-17	10		
27 UNL 07			1024.6 NNN	24	-29	-29	-35	0		
28 UNL 10			1027.0 NNN	05	-22	-22	-29	3		
29 UNL 10			1024.4 NW	04	-17	-17	-23	0		
30 UNL 10			1013.6 E	04	-13	-13	-18	0		
31 UNL 00	1/2BS		1015.2 N	23	-28	-28	-34	0		
AVG			1030.0	12	-24	-24	-30	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 (height)
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MOULD BAY NMT
JANUARY 1959 0800 MST

01 UNL 10			1027.2 NNE	06	-44	0				
02 015 05	S-		1022.0 SE	08	-35	-35	-41	10		
03 UNL 10			1042.5 N	03	-39	0				
04 UNL 10			1043.3 NE	16	-28	-28	-32	0		
05 000 00	S BS		1033.7 NE	45	-14	-14	-19	10		
06 UNL 00	3/4BS		1039.6 NE	32	-26	-26	-34	0		
07 UNL 10			1042.0 N	02	-25	-25	-31	0		
08 UNL 10			1040.3 NNN	02	-20	-20	-27	0		
09 UNL 10			1038.4 C	00	-34	-34	-43	0		
10 UNL 10			1037.8 N	12	-20	-20	-28	0		
11 UNL 10			1039.2 C	00	-15	-15	-20	0		
12 UNL 10			1026.3 NNN	16	-18	-18	-23	2		
13 012 07			1026.5 NNN	12	-14	-14	-19	10		
14 UNL 08			1035.8 NNN	14	-29	-29	-38	3		
15 UNL 10			1035.8 C	00	-29	-29	-37	0		
16 UNL 10			1033.8 C	00	-32	-33	-42	0		
17 UNL 10			1030.2 C	00	-25	-25	-36	0		
18 040 08			1023.5 NNN	04	-22	-22	-28	10		
19 UNL 02	BS		1028.3 NW	20	-37	-37	-43	1		
20 018 08			1030.9 NNN	18	-18	-18	-22	10		
21 UNL 04	BS		1032.7 N	28	-23	-23	-27	0		
22 080 08			1029.3 N	16	-22	-22	-28	10		
23 010 08			1032.6 NNN	12	-16	-16	-21	10		
24 UNL 01	BS		1021.7 NNN	36	-24	-24	-30	0		
25 010 08			1027.7 NNN	24	-20	-20	-25	10		
26 010 07			1018.8 NNN	18	-13	-13	-18	10		
27 UNL 07			1023.3 NW	21	-29	-29	-35	0		
28 UNL 10			1026.7 SW	06	-25	-25	-31	3		
29 UNL 10			1023.4 C	00	-17	-17	-22	0		
30 UNL 10			1012.2 SW	16	-15	-15	-20	0		
31 UNL 01	BS		1017.4 N	28	-26	-26	-32	0		
AVG			1029.8	13	-24	-24	-29	03		

MOULD BAY NMT
JANUARY 1959 1100 MST

01 UNL 10			1027.1 C	00	-44	0				
02 012 07			1024.1 E	13	-36	7				
03 UNL 10			1044.3 C	00	-41	0				
04 UNL 08			1041.9 NE	24	-25	-25	-32	2		
05 005 00	1/4S-BS		1035.3 NE	08	-15	-15	-19	10		
06 UNL 01	BS		1040.5 NE	22	-28	-28	-32	0		
07 UNL 10			1043.0 N	06	-25	-25	-31	0		
08 UNL 10			1039.4 NW	03	-24	-24	-30	0		
09 UNL 10			1038.2 C	00	-35	-35	-41	1		
10 UNL 10			1038.3 N	14	-18	-18	-23	0		
11 UNL 10			1034.0 N	21	-10	-10	-16	0		
12 010 07			1025.4 N	16	-17	-17	-22	6		
13 012 04	BS		1028.1 N	18	-15	-15	-20	10		
14 UNL 10			1036.7 NW	03	-31	-31	-37	0		
15 UNL 10			1035.5 C	00	-32	-32	-39	0		
16 UNL 10			1033.8 W	02	-31	-31	-38	0		
17 010 10			1029.1 C	00	-27	-27	-35	6		
18 012 07			1024.2 NNN	16	-26	-26	-32	8		
19 UNL 03	IF		1028.0 NW	12	-36	1				
20 012 00	3/4BS		1030.4 NNN	28	-19	-19	-26	8		
21 UNL 04	IF		1032.1 NNN	08	-25	-25	-33	2		
22 014 07			1029.5 NNE	16	-21	-21	-26	10		
23 010 08			1031.1 NNN	13	-25	-25	-27	10		
24 UNL 04	BS		1021.4 N	40	-23	-23	-30	3		
25 012 08			1009.7 NNN	06	-10	-10	-15	10		
26 010 04	IF		1020.1 N	14	-15	-15	-20	10		
27 UNL 02	IFBS		1022.0 NNN	32	-25	-26	-33	4		
28 UNL 10			1026.1 NNN	06	-24	-24	-30	4		
29 UNL 10			1022.0 C	00	-16	-16	-21	2		
30 UNL 10			1021.6 S	02	-19	-19	-24	2		
31 015 03	BS		1019.7 N	24	-27	-27	-33	8		
AVG			1029.8	12	-25	-25	-31	04		

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 (height)
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MOULD BAY NMT
JANUARY 1959 1400 MST

01 UNL 08			1026.4 MSW	14	-38	2				
02 UNL 07			1027.2 NNE	18	-34	-34	-43	3		
03 UNL 10			1045.5 C	00	-41	0				
04 UNL 08			1040.7 NE	24	-23	-23	-30	5		
05 000 00	S BS		1033.5 NE	45	-14	-14	-19	10		
06 UNL 07			1040.5 NE	19	-27	-27	-33	0		
07 UNL 10			1043.2 N	03	-28	-28	-33	1		
08 UNL 10			1038.8 NE	01	-27	-27	-33	1		
09 UNL 10			1038.7 C	00	-27	-27	-33	5		
10 UNL 10			1039.5 NE	12	-13	-13	-17	0		
11 UNL 10			1034.3 N	20	-14	-14	-18	2		
12 UNL 10			1024.6 NW	18	-17	-17	-22	5		
13 UNL 04	BS		1029.0 NNN	18	-18	-18	-24	4	</	

SYNOPTIC OBSERVATIONS

MOULD BAY

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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MOULD BAY NWT
FEBRUARY 1959 0200 MST

01 UNL 07			1022.8 NW	26	-35	0				
02 UNL 08			1012.7 N	02	-29	-29	-37	3		
03 UNL 01	BS		1008.6 NNW	34	-24	-24	-30	0		
04 016 08			1026.9 N	06	-22	-22	-28	7		
05 UNL 00	3/4BS		1022.4 NNW	34	-24	-24	-32	1		
06 010 00	3/4IF		1015.9 W	18	-19	-19	-24	10		
07 UNL 08			1020.7 NNW	24	-34	-34	-44	0		
08 UNL 10			1022.0 NNW	06	-29	-29	-37	3		
09 UNL 10			1020.2 C	00	-37			3		
10 UNL 08			1015.0 C	00	-25	-25	-31	0		
11 UNL 08			1005.4 C	00	-28	-28	-34	0		
12 UNL 10			1018.3 C	00	-35	-42	0			
13 UNL 10			1014.5 C	00	-33	-33	-40	0		
14 UNL 10			1006.0 C	00	-35			0		
15 UNL 10			1005.9 C	00	-29	-29	-35	2		
16 UNL 10			1017.1 C	00	-31	-31	-37	0		
17 010 07			1012.2 S	06	-32	-32	-38	7		
18 008 03	S-		1003.7 SE	09	-10	-10	-14	10		
19 UNL 10			1014.1 C	00	-25	-25	-31	0		
20 012 02	IF		1014.2 SE	06	-15	-15	-20	10		
21 008 00	1/2BS		999.8 S	20	-04	-04	-09	10		
22 UNL 10			1002.4 N	02	-27	-27	-32	0		
23 012 08			1003.8 ESE	09	-21	-21	-27	6		
24 015 02	BS		998.6 W	20	-33	-33	-39	7		
25 UNL 03	BS		998.8 W	21	-37			3		
26 UNL 10			1007.3 C	00	-42			0		
27 010 07			1001.1 S	15	-28	-28	-34	7		
28 UNL 10			995.2 SE	08	-21	-21	-26	4		

AVG 1011.1 10 -27 -27 -33 03

MOULD BAY NWT
FEBRUARY 1959 0500 MST

01 UNL 07			1022.6 NW	26	-35	0				
02 UNL 08			1011.4 NNW	23	-27	-27	-32	0		
03 UNL 03	BS		1010.3 N	28	-25	-25	-30	0		
04 UNL 08			1027.9 C	00	-24	-24	-30	3		
05 UNL 07			1023.2 NNW	10	-24	-24	-30	2		
06 010 00	3/4S-BS		1013.2 NW	20	-18	-18	-24	10		
07 UNL 08			1021.2 NNW	12	-36			0		
08 UNL 10			1022.0 C	00	-33	-33	-42	3		
09 UNL 10			1020.3 C	00	-34	-34	-41	3		
10 UNL 08			1013.0 W	04	-18	-18	-23	0		
11 UNL 08	IC		1006.2 NE	14	-25	-25	-30	0		
12 UNL 10			1019.5 C	00	-35	-35	-41	0		
13 UNL 10			1013.5 C	00	-37			0		
14 UNL 10			1005.1 C	00	-30	-30	-37	6		
15 UNL 10			1007.8 C	00	-33	-33	-42	2		
16 UNL 10			1017.6 C	00	-33	-33	-39	0		
17 010 07			1017.1 S	06	-21	-21	-28	8		
18 008 02	S-		1002.9 SE	06	-09	-09	-12	10		
19 UNL 10			1015.3 SSE	03	-30	-30	-34	0		
20 012 07			1011.6 SSE	06	-10	-10	-15	10		
21 010 00	1/2BS		998.5 S	20	-04	-04	-08	10		
22 UNL 10			1003.7 W	04	-25	-25	-31	0		
23 012 08			1002.8 SSE	11	-23	-23	-29	6		
24 UNL 10			999.4 W	16	-37			1		
25 UNL 10			1000.4 W	10	-40			4		
26 UNL 10			1006.9 C	00	-43			0		
27 010 07			1000.2 S	11	-25	-25	-33	7		
28 UNL 10			994.7 SSW	10	-23	-23	-29	4		

AVG 1011.0 09 -27 03

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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MOULD BAY NWT
FEBRUARY 1959 0800 MST

01 UNL 10			1020.8 NW	18	-35	0				
02 UNL 02	BS		1011.1 NNW	21	-28	-28	-34	3		
03 UNL 07			1012.2 N	24	-25	-25	-30	0		
04 012 08			1027.0 NNW	08	-20	-20	-25	10		
05 UNL 08			1022.6 NNW	06	-22	-22	-28	1		
06 030 07			1013.5 W	08	-16	-16	-22	10		
07 UNL 08			1021.6 NNW	06	-37			0		
08 UNL 08			1021.9 C	00	-32	-32	-42	3		
09 040 06	S-		1020.3 C	00	-30	-30	-37	9		
10 UNL 06	S-		1009.8 W	08	-17	-17	-22	5		
11 UNL 08			1007.0 ENE	14	-25	-25	-33	1		
12 UNL 10			1020.2 C	00	-34	-34	-40	0		
13 UNL 10			1011.6 C	00	-36			1		
14 008 01	IC		1004.3 C	00	-26	-26	-34	10		
15 UNL 10			1009.4 C	00	-32	-32	-39	2		
16 UNL 08			1018.0 C	00	-34	-34	-43	1		
17 010 07			1015.0 S	08	-21	-21	-25	10		
18 UNL 10			1003.3 C	00	-11	-11	-15	1		
19 010 07			1016.3 C	00	-22	-22	-28	10		
20 010 07			1007.6 SSE	10	-05	-05	-10	10		
21 010 01	BS		997.7 S	20	-03	-03	-07	10		
22 UNL 10			1004.3 C	00	-27	-27	-32	0		
23 UNL 04	IF		1001.4 S	06	-23	-23	-29	3		
24 UNL 10			1000.0 W	15	-37			4		
25 UNL 10			1002.2 S	04	-45			0		
26 UNL 10			1006.3 C	00	-39			0		
27 010 07			998.7 S	20	-22	-22	-28	10		
28 010 04	IF		994.3 SW	12	-22	-22	-27	10		

AVG 1010.7 07 -26 05

MOULD BAY NWT
FEBRUARY 1959 1100 MST

01 UNL 02	IF		1019.7 NW	18	-35	0				
02 010 01	BS		1010.3 NNW	15	-28	-28	-34	6		
03 010 03	IF		1014.8 N	10	-25	-25	-31	6		
04 008 04	IF		1019.0 W	18	-15	-15	-20	10		
05 010 08			1021.8 NNW	12	-22	-22	-28	6		
06 UNL 00	1/2IF		1014.2 NW	23	-26	-26	-31	2		
07 UNL 10			1021.4 C	00	-36			2		
08 UNL 10			1021.6 C	00	-34	-34	-41	3		
09 010 08			1020.5 N	05	-31	-31	-37	8		
10 008 04	S-		1007.9 SE	04	-17	-17	-22	10		
11 010 08			1006.8 N	07	-26	-26	-32	6		
12 UNL 10			1020.2 C	00	-34	-34	-41	1		
13 UNL 10			1010.3 C	00	-40			1		
14 008 07	1/2IF		1003.5 C	00	-24	-24	-29	10		
15 UNL 07			1010.7 C	00	-31	-31	-37	6		
16 UNL 03	IF		1018.2 C	00	-31	-31	-38	3		
17 010 08			1014.0 S	04	-16	-16	-21	10		
18 UNL 10			1004.5 C	00	-22	-22	-26	0		
19 010 10			1017.0 C	00	-17	-17	-22	8		
20 010 00	3/4BS		1005.8 S	30	-01	-01	-05	10		
21 010 03	IF		997.3 WSW	03	-08	-08	-12	9		
22 UNL 04	IF		1004.2 W	02	-22	-22	-30	2		
23 012 03	IF		1000.0 S	06	-20	-20	-25	7		
24 010 03	IF		999.3 W	18	-37			9		
25 UNL 10			1002.9 NW	08	-43			1		
26 010 04	IF		1005.5 C	00	-36			8		
27 010 02	IF		997.2 S	08	-20	-20	-26	9		
28 010 07			993.6 WSW	16	-22	-22	-28	8		

AVG 1010.4 08 -26 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 (tenths)
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MOULD BAY NWT
FEBRUARY 1959 1400 MST

01 UNL 08			1018.7 NNW	20	-32	-32	-42	1		
02 010 01	BS		1008.7 N	27	-27	-27	-33	6		
03 UNL 04	IF		1016.2 N	24	-26	-26	-32	3		
04 008 00	1/2S-BS		1023.4 NNW	28	-10	-10	-15	10		
05 010 08			1021.2 NNW	08	-22	-22	-28	6		
06 UNL 03	IF		1015.5 NW	20	-23	-23	-29	1		
07 UNL 10			1021.8 NNW	06	-32	-32	-38	4		
08 UNL 10			1021.7 C	00	-34	-34	-41	3		
09 UNL 08			1021.1 C	00	-31	-31	-38	3		
10 UNL 08			1006.7 NW	06	-20	-20	-26	4		
11 UNL 08			1010.7 N	06	-23	-23	-29	0		
12 UNL 10			1020.0 C	00	-32	-32	-38	2		
13 UNL 10			1009.4 C	00	-39			1		
14 008 00	1/2IF		1003.7 C	00	-24	-24	-30	10		
15 UNL 10			1012.2 C	00	-30	-30	-36	3		
16 UNL 02	IF		1018.6 C	00	-30	-30	-36	4		
17 010 05	IF		1011.4 SSE	04	-16	-16	-21	8		
18 UNL 10			1006.5 C	00	-18	-18	-23	0		
19 200 10			1017.4 SE	02	-17	-17	-22	7		
20 010 00	3/4IFBS		1003.9 S	18	-05	-05	-09	10		
21 UNL 07			997.2 WSW	08	-14	-14	-19	4		
22 UNL 03	IF		1004.2 SW	04	-18	-18	-24	1		
23 015 08			999.1 C	00	-18	-18	-23	8		
24 010 00	1/4BS		998.9 W	28	-36			10		
25 UNL 10			1004.7 NW	04	-40			0		
26 010 03	IF		1004.8 S	14	-30	-30	-36	10		
27 010 01	BS		996.0 SW	30	-17	-17	-22			

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
MARCH 1959 0200 MST

01 UNL 07				995.7 NW	09	-35				5
02 UNL 05	IC			1008.2 C	00	-41				8
03 012 07				1014.9 C	00	-29	-29	-35		8
04 UNL 07				1026.4 C	00	-23	-23	-30		5
05 UNL 10				1020.7 C	00	-25	-25	-31		0
06 010 07				1009.1 C	00	-12	-12	-17		10
07 010 07				1007.3 WSW	14	-13	-13	-18		10
08 UNL 07				1014.9 C	00	-24	-24	-28		5
09 015 02	S-			1013.8 MNW	08	-17	-17	-22		10
10 UNL 07				1018.5 C	00	-33	-33	-39		0
11 UNL 01 1/2IF				1017.5 WNW	12	-36				1
12 UNL 00 1/4BS				1012.8 W	40	-30	-30	-36		2
13 015 03	IF			1012.4 SSE	06	-32	-32	-38		8
14 015 02 1/2IF				1009.9 S	14	-35	-35	-41		8
15 012 05	S-			1009.4 C	00	-30	-30	-36		9
16 010 07				1011.3 N	03	-29	-29	-35		6
17 012 07				1013.7 C	00	-22	-22	-28		8
18 010 07				1014.5 S	12	-26	-26	-32		10
19 010 03	IF			1012.8 SW	14	-20	-20	-26		10
20 010 07				1015.9 WSW	08	-24	-24	-30		8
21 008 07				1020.3 C	00	-17	-17	-23		10
22 UNL 10				1019.6 C	00	-28	-28	-34		0
23 UNL 10				1022.5 C	00	-28	-28	-34		0
24 UNL 10				1029.4 C	00	-30	-30	-37		0
25 UNL 10				1029.3 C	00	-28	-28	-33		2
26 UNL 10				1024.2 C	00	-19	-19	-23		2
27 013 07				1021.6 C	00	-19	-19	-24		8
28 020 07				1020.3 E	03	-15	-15	-20		10
29 UNL 08				1018.3 C	00	-28	-28	-34		2
30 UNL 08				1018.2 C	00	-32	-32	-38		0
31 015 02 1/2S-IF				1014.6 NNW	03	-23	-23	-28		10
AVG				1016.1	03	-26	-26	-32	05	

MOULD BAY NWT
MARCH 1959 0500 MST

01 UNL 10				997.6 NW	12	-39				2
02 UNL 07				1008.1 W	06	-36				2
03 012 07				1016.3 C	00	-24	-24	-30		10
04 UNL 07				1027.2 C	00	-23	-23	-31		2
05 UNL 10				1018.7 C	00	-23	-23	-30		4
06 010 07				1008.3 C	00	-13	-13	-18		10
07 UNL 08				1008.5 W	05	-19	-19	-26		2
08 UNL 08				1015.2 C	00	-21	-21	-30		2
09 015 03	S-			1015.2 WNW	10	-19	-19	-23		10
10 UNL 03	IF			1018.3 C	00	-33	-33	-43		0
11 UNL 01 1/2IF				1017.3 WNW	05	-36	-36	-43		1
12 UNL 07				1013.8 W	14	-29	-29	-35		4
13 015 03	IF			1012.4 SSE	12	-34	-34	-40		4
14 UNL 07				1010.2 SSE	02	-38				0
15 012 04	S-			1009.8 C	00	-27	-28	-35		10
16 010 03	S-			1011.9 C	00	-30	-30	-37		10
17 012 07				1013.6 C	00	-28	-28	-33		8
18 010 07				1014.4 SSW	12	-20	-20	-26		10
19 010 03	IF			1012.7 WSW	13	-22	-22	-28		10
20 010 02	S-			1010.2 SSE	02	-38				10
21 008 07				1020.4 C	00	-18	-18	-23		10
22 UNL 10				1019.5 C	00	-28	-28	-34		0
23 UNL 10				1023.1 C	00	-30	-30	-36		0
24 UNL 10				1029.4 C	00	-28	-28	-34		1
25 UNL 10				1028.6 C	00	-27	-27	-33		1
26 UNL 10				1024.2 C	00	-19	-19	-24		1
27 UNL 07				1021.9 C	00	-18	-18	-23		4
28 020 04	IF			1019.8 C	00	-16	-16	-21		10
29 UNL 08				1018.0 C	00	-29	-29	-35		2
30 UNL 08				1018.2 C	00	-34	-34	-41		0
31 010 01	S-IF			1014.1 NNW	05	-23	-23	-29		10
AVG				1016.2	03	-26	-26	-32	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
MARCH 1959 0800 MST

01 UNL 07				998.7 NW	15	-42				4
02 010 01				1008.4 W	18	-31	-31	-33		10
03 008 03	S-			1017.7 C	00	-21	-21	-26		10
04 UNL 08				1027.6 C	00	-25	-25	-31		4
05 012 02	IF			1016.4 C	00	-21	-21	-26		10
06 035 08				1006.8 C	00	-10	-10	-15		9
07 UNL 08				1009.9 W	02	-24	-24	-30		1
08 050 08				1015.3 C	00	-23	-23	-30		7
09 015 04	IF			1016.2 W	04	-25	-25	-31		9
10 UNL 02	IF			1018.2 W	10	-32	-32	-39		0
11 UNL 02	IF			1016.4 WSW	05	-38	-38	-44		3
12 015 03	IF			1013.3 SW	14	-28	-28	-34		6
13 015 02	IF			1011.3 SSW	12	-34	-34	-40		6
14 UNL 08				1009.6 SE	02	-37				1
15 008 02	IF			1009.2 SE	02	-26	-26	-34		9
16 010 03	S-			1012.1 C	00	-31	-31	-40		10
17 010 03	IF			1013.2 C	00	-29	-29	-35		7
18 010 07				1014.0 S	14	-19	-19	-25		7
19 010 03	IF			1013.2 WSW	10	-22	-22	-28		8
20 010 02	IF			1013.2 SE	02	-19	-19	-24		10
21 UNL 10				1020.4 C	00	-18	-18	-23		4
22 UNL 10				1019.6 C	00	-28	-28	-34		0
23 UNL 10				1024.4 C	00	-28	-28	-34		0
24 UNL 10				1030.2 C	00	-28	-28	-34		1
25 UNL 10				1028.3 C	00	-31	-31	-38		10
26 035 04	S-			1028.3 C	00	-31	-31	-38		7
27 UNL 03	S-			1021.4 C	00	-17	-17	-22		4
28 UNL 06				1019.6 NNW	04	-20	-20	-26		5
29 UNL 08				1017.7 C	00	-29	-29	-35		3
30 UNL 10				1017.7 C	00	-33	-33	-40		0
31 UNL 08				1014.4 N	04	-30	-30	-36		1
AVG				1016.1	04	-27	-27	-33	05	

MOULD BAY NWT
MARCH 1959 1100 MST

01 UNL 08				999.9 WNW	08	-44				1
02 010 03	IF			1008.6 W	15	-31	-31	-38		6
03 008 02	IF			1019.2 C	00	-20	-20	-22		10
04 010 10				1027.2 C	00	-26	-26	-31		6
05 010 02	IF			1015.2 C	00	-18	-18	-23		10
06 010 08				1006.7 C	00	-13	-13	-18		6
07 UNL 08				1011.0 N	03	-24	-24	-30		0
08 010 07				1014.7 C	00	-22	-22	-28		7
09 008 02	IF			1017.3 WSW	10	-27	-27	-32		9
10 UNL 00 1/2IF				1017.7 NW	12	-32	-32	-36		4
11 010 02	IF			1016.0 W	07	-37				6
12 015 02	IF			1013.3 SW	18	-30	-30	-37		6
13 015 02	IF			1010.9 S	14	-34	-34	-37		8
14 UNL 08				1009.6 C	00	-36				0
15 008 02	IF			1009.0 WSW	08	-26	-26	-32		9
16 UNL 04	IF			1012.6 C	00	-30	-30	-37		5
17 010 02	IF			1013.2 C	00	-24	-24	-30		9
18 010 02	IF			1013.5 S	14	-18	-18	-23		9
19 010 03	IF			1013.5 W	14	-21	-21	-27		10
20 UNL 08				1015.3 C	00	-19	-19	-25		4
21 070 08				1020.6 C	00	-21	-21	-26		6
22 UNL 10				1019.4 C	00	-24	-24	-30		0
23 UNL 10				1023.4 C	00	-29	-29	-37		0
24 UNL 10				1029.9 C	00	-26	-26	-32		0
25 UNL 10				1027.4 C	00	-27	-27	-33		1
26 030 04	S-			1022.9 C	00	-26	-26	-34		8
27 UNL 03	S-			1020.7 C	00	-16	-16	-22		5
28 020 04	IF			1019.0 E	02	-18	-18	-24		7
29 UNL 08				1018.0 C	00	-26	-26	-32		1
30 UNL 10				1017.5 C	00	-30	-30	-37		0
31 UNL 10				1014.5 N	06	-27	-27	-33		0
AVG				1016.1	04	-26	-26	-32	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
MARCH 1959 1400 MST

01 UNL 08				1002.7 WNW	02	-43				2
02 010 03	IF			1009.8 NW	12	-31	-31	-35		6
03 UNL 07				1020.6 C	00	-21	-21	-26		4
04 UNL 10				1027.2 C	00	-27	-27	-33		1
05 010 07				1013.5 SE	05	-14	-14	-19		8
06 010 03	IF			1006.2 N	08	-12	-12	-16		9
07 UNL 05	IF			1012.4 SE	03	-25	-25	-31		1
08 UNL 10				1014.7 C	00	-21	-21	-26		5
09 UNL 04	IF			1018.2 W	12	-28	-28	-34		3
10 UNL 00 1/2IF				1018.5 NW	15	-32	-32	-38		3
11 010 02	IF			1015.5 C	00	-31	-31	-37		8
12 015 02	IF			1013.3 SW	16	-30	-30	-36		8
13 015 02	IF									

SYNOPTIC OBSERVATIONS

MOULD BAY

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 (amount)
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MOULD BAY NWT
APRIL 1959 0200 MST

01 UNL 04	IF	1015.3 C	00-29-29-31 8
02 010 02	S-IF	1012.5 W	02-17-17-24 10
03 UNL 08		1008.7 ENE	07-28-29-39 0
04 UNL 08		1014.2 W	04-30-31-39 1
05 UNL 10		1022.1 C	00-32-32-42 0
06 UNL 10		1023.3 C	00-28-26-34 0
07 UNL 10		1026.0 C	00-28-28-39 1
08 UNL 10		1035.0 C	00-23-23-30 1
09 UNL 15		1023.6 C	00-19-19-26 1
10 UNL 10		1012.9 C	00-16-16-24 2
11 010 00	1/2IF	1013.2 ENE	05-12-12-19 7
12 020 01	IF	1014.6 SSE	03-01-01-06 10
13 UNL 04	IF	1014.5 WNW	06-21-21-28 5
14 010 05	IF	1016.8 S	16-20-20-25 9
15 UNL 10		1027.0 ENE	07-20-21-30 0
16 UNL 15		1026.9 C	00-29-29-38 0
17 UNL 15		1034.9 C	00-20-21-31 0
18 UNL 15		1036.6 N	10-17-17-25 0
19 UNL 01	IF	1034.3 NE	14-18-18-24 0
20 UNL 15		1033.9 NE	06-08-08-12 3
21 UNL 15		1034.5 N	13-14-14-19 1
22 020 10		1035.8 N	07-15-15-21 9
23 UNL 15		1037.2 C	00-17-17-25 0
24 018 05	IF	1027.4 N	12-15-15-22 7
25 UNL 15		1019.3 W	04-18-18-26 0
26 UNL 15		1012.3 C	00-13-13-20 7
27 120 15		1010.5 N	02-08-09-16 8
28 28 08 06	S-	1008.7 SSE	09-06-07-13 10
29 UNL 15		1009.9 C	00-14-14-21 0
30 008 07		1017.2 NE	04-12-12-19 10

AVG 1022.0 04 -18 -18 -26 03

MOULD BAY NWT
APRIL 1959 0300 MST

01 UNL 03	IF	1015.5 C	00-22-23-30 5
02 010 02	IF	1012.2 NNE	02-19-19-26 10
03 UNL 08		1008.4 C	00-29-29-37 0
04 UNL 08		1015.4 WSW	02-29-29-37 1
05 UNL 10		1022.5 C	00-31-31-40 0
06 UNL 10		1023.3 C	00-27-27-35 0
07 UNL 10		1027.0 C	04-28-28-31 4
08 UNL 10		1034.3 C	00-25-25-35 1
09 UNL 15		1021.8 C	00-21-21-30 1
10 070 10		1010.5 C	00-16-16-23 9
11 UNL 01	1/2S-IF	1014.3 WNW	14-07-07-12 8
12 020 00	1/2IFBS	1012.1 WSW	33 00-00-05 10
13 UNL 03	IF	1015.1 NW	10-24-24-29 7
14 010 07		1017.5 S	10-24-24-30 7
15 UNL 01	BS	1025.9 NE	17-20-20-25 5
16 UNL 15		1029.0 C	00-22-22-31 0
17 UNL 15		1035.4 C	00-21-21-34 0
18 UNL 15		1036.4 N	10-16-16-22 0
19 UNL 02	BS	1033.7 N	10-07-08-16 2
20 UNL 15		1035.0 NNE	04-15-16-24 1
21 UNL 15		1036.2 N	09-17-17-23 6
22 020 10		1036.5 N	08-18-19-25 0
23 UNL 15		1026.1 NW	10-16-16-21 8
24 020 07		1013.4 C	00-18-18-26 0
25 UNL 15		1011.4 C	00-17-17-25 2
26 UNL 15		1010.5 C	00-10-10-16 0
27 130 15		1010.5 S	11-02-02-03 3
28 050 08		1008.3 S	10-06-06-12 9
29 UNL 15		1010.9 C	00-17-17-23 0
30 008 07		1018.2 N	08-16-16-23 6

AVG 1021.9 06 -18 -18 -25 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 (amount)
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MOULD BAY NWT
APRIL 1959 0800 MST

01 UNL 04	IF	1015.3 C	00-23-23-31 3
02 035 03	IF	1011.4 NNE	05-20-20-23 9
03 UNL 08		1008.2 NE	10-26-27-34 0
04 UNL 10		1016.4 W	02-27-28-35 1
05 UNL 10		1023.4 C	00-33-34-43 0
06 UNL 15		1025.1 E	02-34-35-42 0
07 UNL 10		1028.4 C	00-29-29-35 6
08 UNL 10		1034.3 ENE	02-22-22-29 0
09 UNL 15		1019.9 C	00-21-21-31 1
10 070 10		1007.2 NNE	02-08-08-14 10
11 018 04	IF	1015.5 NW	10-04-04-09 10
12 017 03	IF	1011.1 WSW	13 01-01-04 9
13 UNL 03	IF	1015.5 WNW	04-25-25-29 2
14 015 07		1018.7 SE	10-24-24-33 8
15 008 01	IFBS	1023.6 NNE	15-13-13-18 10
16 UNL 15		1030.8 C	00-19-19-28 0
17 UNL 15		1035.8 C	00-14-14-23 0
18 UNL 15		1036.5 N	10-17-17-25 0
19 UNL 02	BS	1034.6 NE	20-10-10-15 2
20 UNL 15		1034.0 N	02-04-05-10 2
21 UNL 15		1034.9 NNE	10-13-14-22 1
22 UNL 10		1037.2 N	08-13-14-20 5
23 UNL 15		1035.8 NNE	07-16-16-27 0
24 UNL 06		1024.3 NNE	08-16-16-22 4
25 UNL 15	IF	1019.0 C	00-16-16-23 0
26 UNL 15		1010.8 NNE	08-09-10-16 0
27 180 15		1010.7 C	00-05-05-12 9
28 28 08 06		1008.1 SSE	08-07-08-15 6
29 UNL 15		1012.1 C	00-14-14-21 0
30 UNL 10		1018.9 N	06-13-14-22 2

AVG 1021.9 05 -16 -16 -23 03

MOULD BAY NWT
APRIL 1959 1100 MST

01 UNL 00	1/2IF	1015.5 C	00-21-21-26 5
02 UNL 07		1010.7 C	00-20-20-27 1
03 UNL 10		1008.4 NE	10-25-25-36 0
04 UNL 10		1017.6 S	04-26-26-37 0
05 UNL 15		1024.2 C	00-29-30-45 0
06 UNL 15		1025.1 C	00-20-20-29 0
07 UNL 10		1029.9 C	00-23-23-32 0
08 UNL 10		1033.4 C	00-21-22-33 0
09 UNL 15		1019.2 C	00-17-18-27 2
10 070 07		1005.6 C	25-06-06-12 8
11 UNL 07		1016.7 NW	18-11-11-17 1
12 080 05		1050.1 WSW	18 00-00-04 8
13 UNL 08	IF	1015.3 S	02-19-20-26 1
14 015 07		1019.6 SSE	10-20-20-29 7
15 008 00	3/4IFBS	1021.2 NE	20-09-09-14 10
16 UNL 15		1031.4 C	00-14-14-22 0
17 UNL 15		1036.0 N	05-10-10-17 0
18 UNL 03	IF	1035.9 NE	11-12-12-17 0
19 UNL 00	1/2IFBS	1034.3 NE	20-06-06-11 4
20 UNL 15		1033.9 N	08-01-01-08 1
21 UNL 15		1035.1 NNE	10-10-10-19 1
22 UNL 15		1037.4 N	11-11-12-21 1
23 UNL 15		1034.4 NNE	08-12-13-22 0
24 015 04	IF	1022.5 NNE	14-11-11-16 7
25 UNL 15		1017.6 C	00-12-12-20 0
26 UNL 15		1009.9 NNE	06-08-08-15 0
27 180 10		1010.4 C	00-01-01-07 9
28 UNL 10		1008.2 S	10-05-05-10 2
29 UNL 15		1013.0 NNE	08-10-10-18 0
30 UNL 15		1019.9 N	05-10-10-17 0

AVG 1021.7 07 -13 -14 -21 02

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 (amount)
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MOULD BAY NWT
APRIL 1959 1400 MST

01 UNL 03	IF	1015.3 C	00-17-17-22 0
02 UNL 10		1010.6 N	06-22-22-31 0
03 UNL 10		1009.4 NE	16-24-24-33 0
04 UNL 10		1019.2 C	00-23-23-33 0
05 UNL 15		1024.6 C	00-25-25-33 0
06 UNL 15		1025.3 C	00-15-16-24 0
07 UNL 10		1031.7 C	00-17-17-27 1
08 UNL 10		1032.1 C	00-12-12-21 0
09 UNL 15		1018.2 C	00-11-12-20 1
10 UNL 07		1006.4 NE	15-06-06-10 4
11 UNL 10		1018.1 S	04-08-09-16 3
12 022 03	IF	1010.2 WSW	14 00-00-04 10
13 180 06	IF	1015.6 SSW	13-16-17-25 8
14 UNL 07		1022.1 S	11-19-19-26 1
15 140 03	IF	1019.9 NE	14-05-05-10 10
16 UNL 15		1032.6 C	00-09-09-16 0
17 UNL 15		1036.3 N	07-06-06-13 0
18 UNL 03	IF	1035.2 NNE	16-13-13-20 0
19 UNL 05	IF	1033.4 NE	17-04-04-10 1
20 UNL 15		1034.3 NW	06-04-04-10 1
21 UNL 15		1035.4 NW	11-10-10-16 0
22 UNL 15		1037.9 NNE	11-14-14-21 0
23 UNL 12		1033.1 NW	06-11-12-19 5
24 UNL 05		1021.7 N	08-09-09-16 2
25 UNL 15		1016.6 NNE	03-06-06-12 0
26 UNL 15		1009.9 NNE	10-05-05-12 0
27 UNL 10		1010.5 C	00-02-02-03 3
28 UNL 15		1008.3 S	07-01-01-07 1
29 090 10		1013.8 NW	04-07-07-13 7
30 UNL 15		1021.0 N	04-07-07-15 0

AVG 1022.0 07 -11 -11 -18 02

MOULD BAY NWT
APRIL 1959 1700 MST

01 UNL 03	IF	1014.6 C	00-17-17-23 1
02 UNL 10		1010.1 NE	06-21-21-30 0
03 UNL 10		1011.2 ENE	18-26-26-34 0
04 UNL 10		1020.0 SSW	03-24-24-31 0
05 UNL 15		1025.0 C	00-21-21-28 0
06 UNL 15		1024.8 C	00-16-16-26 0
07 UNL 10		1032.8 C	00-14-15-23 3
08 UNL 10		1030.4 C	00-15-16-26 0
09 070 15		1017.0 C	00-08-09-17 6
10 UNL 03	IF	1009.1 N	16-09-09-14 0
11 030 06	IF	1018.2 W	12-05-05-10 7
12 UNL 03	IF	1011.9 WNW	17-06-06-12 5
13 080 05	IF	1015.6 S	17-14-14-22 9
14 UNL 08		1023.5 S	11-20-21-31 1
15 160 02	1/2S-IF	1020.0 WSW	04-04-04-09 10
16 UNL 15		1033.4 C	00-06-06-12 0
17 UNL 15		1036.2 N	12-07-08-15 0
18 UNL 02	IFBS	1034.9 NE	22-12-12-19 0
19 UNL 08		1033.4 NE	17-01-01-08 1
20 UNL 15		1034.3 NW	11-06-07-14 1
21 UNL 15		1035.6 NW	10-08-08-15 0
22 UNL 15		1038.1 NNE	10-08-09-16 0
23 UNL 03	IF	1031.9 NW	10-09-09-16 2
24 UNL 15		1020.7 ENE	06-09-09-16 0
25 UNL 15		1011.9 NW	00-12-13-23 0
26 UNL 15		1010.4 NNE	09-05-06-14 2
27 UNL 10		1010.5 S	11 02-01-05 3
28 UNL 15		1009.0 S	06-01-01-07 0
29 090 10		1014.4 NW	06-04-04-10 8
30 UNL 15		1022.0 NNE	07-03-04-11 0

AVG 1022.1 08 -10 -10 -17 02

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 (amount)
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MOULD BAY NWT
APRIL 1959 2000 MST

01 UNL 03	TF	1013.6 N	05-18-18-24 5
02 UNL 10		1009.4 E	09-25-25-31 0
03 UNL 10		1012.2 NE	14-29-29-35 0
04 UNL 10		1020.6 C	00-24-24-29 0
05 UNL 15		1025.1 C	00-23-23-31 0
06 UNL 15		1024.9 C	00-20-20-28 0
07 UNL 10		1033.4 C	00-18-18-26 0
08 UNL 10		1027.8 C	00-17-17-24 2
09 UNL 10		1016.2 C	00-13-14-19 4
10 UNL 06	IF	1011.4 N	08-15-15-22 0
11 030 06	IF	1016.7 WSW	06-02-02-07 8
12 UNL 05	IF	1013.2 NW	14-18-18-24 4
13 080 05	IF	1015.8 S	14-25-25-31 7
14 UNL 10		1025.3 SSE	07-23-23-32 0
15 UNL 15		1021.4 C	00-06-06-11 0
16 UNL 15		1033.4 C	00-14-14-21 1
17 UNL 15		1036.2 NNE	14-11-11-18 0
18 UNL 03	IF	1034.9 N	12-16-16-23 1
19 UNL 15		1034.3 N	15-02-02-08 1
20 UNL 15		1034.4 NNE	15-09-09-15 1
21 UNL 15		1035.4 NW	11-10-10-16 2
22 UNL 15		1038.1 N	03-11-11-18 1

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 (height)
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MOULD BAY NWT
MAY 1959 0200 MST

01 UNL 15			1026.6 NNE	07	-04	-04	-11	3		
02 UNL 15			1035.2 C	00	-05	-06	-12	0		
03 UNL 15			1039.3 NNW	09	-02	-02	-08	6		
04 UNL 15			1039.1 NNW	04	-06	-06	-12	7		
05 UNL 15			1036.1 C	00	-08	-09	-17	0		
06 090 10			1026.4 NW	22	06	05	01	9		
07 015 05			1013.2 C	00	06	05	01	9		
08 040 07			1007.4 C	00	07	07	02	9		
09 030 07			1004.3 C	00	07	06	02	9		
10 035 10			1009.4 C	00	01	01	-03	9		
11 015 05			1016.3 S	06	-01	-01	-06	10		
12 010 05			1024.8 S	20	10	10	07	10		
13 012 08			1025.4 S	17	07	07	03	10		
14 010 03			1028.0 C	00	13	12	09	10		
15 030 08			1027.7 NE	14	10	10	06	10		
16 015 07			1021.6 ENE	10	09	09	04	10		
17 015 10			1032.3 S	14	07	07	03	8		
18 003 00			1023.3 S	21	11	11	08	10		
19 008 08			1019.8 NNW	07	19	16	8			
20 015 07			1021.1 NNW	15	14	14	11	10		
21 020 07			1023.1 NW	11	11	11	08	10		
22 020 06			1022.9 N	07	14	13	10	10		
23 015 07			1017.1 NE	09	12	11	07	10		
24 010 05			1018.4 N	14	17	15	10	10		
25 012 05			1012.5 NNE	13	14	13	10	10		
26 014 08			1012.7 C	00	14	14	10	10		
27 120 02			1010.1 N	05	12	11	07	9		
28 UNL 10			1012.3 NE	09	14	14	10	5		
29 035 10			1015.3 NE	02	16	16	12	10		
30 014 08			1011.7 NNW	08	23	23	20	10		
31 010 08			1012.2 N	11	22	22	19	10		
AVG			1021.3	08	09	09	04	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 (height)
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MOULD BAY NWT
MAY 1959 0800 MST

01 UNL 15			1029.2 C	00	-04	-04	-10	2		
02 UNL 15			1036.8 C	00	-03	-04	-11	2		
03 UNL 15			1039.9 NNW	05	-03	-03	-11	5		
04 UNL 15			1038.0 C	00	-06	-07	-14	1		
05 UNL 15			1034.3 C	00	-01	-02	-09	1		
06 180 10			1022.5 NW	17	06	06	01	8		
07 UNL 08			1011.3 C	00	10	09	05	3		
08 018 08			1006.3 C	00	04	04	00	10		
09 UNL 10			1004.5 C	00	02	02	-03	1		
10 020 07			1011.5 C	00	07	06	01	10		
11 030 07			1018.3 S	10	01	01	-04	7		
12 UNL 10			1026.6 S	20	07	07	03	4		
13 100 10			1024.7 S	22	08	07	03	6		
14 010 08			1027.7 NNW	07	10	10	06	10		
15 020 08			1027.9 NE	15	08	08	03	10		
16 014 07			1032.6 E	11	12	11	07	10		
17 UNL 15			1033.3 SE	12	06	05	00	2		
18 008 00			1021.6 S	20	14	14	12	10		
19 008 07			1019.8 N	17	21	20	18	10		
20 200 05			1020.5 NNW	20	13	13	10	6		
21 015 07			1023.3 NW	10	11	11	07	10		
22 015 04			1019.7 NNW	13	14	14	12	10		
23 025 08			1018.0 NE	05	10	10	06	10		
24 UNL 04			1018.4 NNW	14	19	14	11	1		
25 015 05			1016.8 NNE	11	18	15	11	2		
26 090 10			1010.9 NNW	05	14	13	09	7		
27 180 06			1010.2 NE	10	13	13	09	9		
28 150 10			1013.6 N	07	16	15	11	7		
29 012 10			1014.2 E	05	17	17	14	9		
30 014 06			1012.1 NNW	15	23	22	21	10		
31 010 07			1012.7 NNW	08	22	21	19	10		
AVG			1021.1	09	09	09	04	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 (height)
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MOULD BAY NWT
MAY 1959 1400 MST

01 UNL 15			1031.8 N	04	01	01	-04	0		
02 UNL 15			1037.9 C	00	09	08	04	0		
03 UNL 15			1039.9 W	10	04	04	-02	2		
04 UNL 15			1037.8 C	00	05	05	00	1		
05 UNL 15			1032.9 NW	10	04	04	-02	4		
06 010 07			1018.0 NW	18	11	11	07	10		
07 UNL 10			1010.2 C	00	13	13	10	1		
08 010 07			1006.0 C	00	11	10	07	8		
09 UNL 15			1006.2 C	00	06	06	02	0		
10 050 10			1013.3 C	00	12	12	08	8		
11 010 03			1021.2 SW	14	05	05	01	7		
12 UNL 10			1027.6 S	15	11	10	05	1		
13 050 07			1025.6 W	10	16	16	12	9		
14 015 08			1027.6 NW	03	14	13	09	10		
15 020 07			1029.2 ENE	16	12	11	07	10		
16 010 07			1033.2 E	06	14	13	10	10		
17 UNL 01			1028.0 S	25	13	12	08	3		
18 008 03			1019.8 N	18	17	17	14	10		
19 020 07			1020.9 W	13	20	20	17	10		
20 020 02			1020.6 NNW	27	16	15	11	8		
21 030 08			1024.2 NW	11	19	18	15	9		
22 UNL 10			1016.9 NNW	14	15	14	10	5		
23 014 07			1018.6 NNE	09	17	16	13	10		
24 UNL 10			1016.9 NNW	16	21	21	17	3		
25 025 06			1016.1 NNE	17	16	12	10	10		
26 090 07			1010.1 NNE	10	18	17	14	9		
27 UNL 10			1011.2 ENE	11	18	17	13	3		
28 100 08			1014.1 NE	12	19	18	14	10		
29 016 08			1013.0 W	06	22	22	19	10		
30 010 07			1012.9 NNW	13	22	21	17	10		
31 010 08			1013.5 NW	06	23	23	20	10		
AVG			1021.1	10	14	13	09	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 (height)
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MOULD BAY NWT
MAY 1959 2000 MST

01 UNL 15			1033.8 N	08	00	00	-04	0		
02 UNL 15			1036.5 NNW	07	05	05	-01	0		
03 UNL 15			1039.3 W	08	02	02	-02	3		
04 UNL 15			1037.2 C	00	03	03	-02	0		
05 180 10			1029.7 NW	20	05	05	00	10		
06 020 05			1015.2 NW	12	09	09	05	9		
07 030 10			1008.7 C	00	09	08	04	7		
08 020 10			1005.2 C	00	10	10	07	10		
09 UNL 15			1008.0 C	00	06	06	02	0		
10 UNL 10			1015.0 S	13	04	03	-02	5		
11 010 07			1022.5 S	14	12	12	08	10		
12 035 08			1026.5 S	15	10	09	04	9		
13 010 03			1026.8 NNW	05	15	14	11	10		
14 030 08			1027.1 ENE	08	12	12	08	9		
15 020 07			1030.2 ENE	14	11	10	05	9		
16 015 07			1032.6 ESE	09	14	13	09	10		
17 UNL 00			1025.3 SSE	18	12	11	07	5		
18 010 03			1018.9 SSW	22	19	19	16	10		
19 015 07			1021.2 NNW	13	13	12	09	10		
20 030 04			1022.0 NNW	22	15	14	11	8		
21 020 06			1023.4 N	09	19	18	15	9		
22 020 04			1016.1 NE	06	15	14	10	10		
23 010 02			1019.0 N	14	16	16	12	10		
24 015 08			1017.9 NNE	15	16	15	11	6		
25 025 08			1014.8 N	05	15	15	11	10		
26 050 05			1010.3 NNE	08	16	15	12	9		
27 UNL 10			1012.1 NE	05	18	17	14	4		
28 150 10			1014.9 NNE	08	18	18	14	9		
29 016 07			1011.7 NW	06	23	23	20	10		
30 010 07			1012.2 NW	13	19	19	15	10		
31 030 08			1013.5 C	00	23	23	20	10		
AVG			1020.9	10	12	12	08	08		

MOULD BAY NWT
MAY 1959 0500 MST

01 UNL 15			1027.9 C	00	-08	-08	-14	3		
02 UNL 15			1036.0 C	00	-05	-06	-13	2		
03 120 15			1039.9 N	03	-03	-04	-10	8		
04 UNL 15			1038.5 C	00	-09	-09	-17	6		
05 UNL 15			1035.4 C	00	-06	-06	-13	0		
06 120 10			1025.0 NW	17	05	04	-01	9		
07 030 03			1012.5 C	00	07	06	02	9		
08 040 07			1007.0 C	00	05	04	00	9		
09 035 08			1004.7 C	00	02	02	-04	7		
10 030 08			1010.4 C	00	03</					

SYNOPTIC OBSERVATIONS

MOULD BAY

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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MOULD BAY NWT
JUNE 1959 0200 MST

01 012 08				1012.7 W	06	21	21	18	10	
02 010 05	ZL-			1010.7 C	00	24	24	21	10	
03 025 08				1010.8 C	00	26	26	23	9	
04 020 07	S-			1014.7 NE	11	23	22	19	10	
05 030 08				1017.0 NE	14	23	22	19	8	
06 015 08				1016.8 NE	14	23	22	21	10	
07 014 10				1009.7 ENE	15	22	21	17	10	
08 015 08				1007.5 NE	10	27	26	24	10	
09 UNL 08				1009.0 E	03	25	24	22	5	
10 UNL 10				1011.3 C	00	22	21	17	1	
11 008 04	S-			1006.0 WSW	06	27	26	24	10	
12 010 07				1009.1 WSW	12	32	31	30	9	
13 008 04				1013.8 S	07	30	30	28	10	
14 030 10	F			1016.2 NE	16	32	31	30	10	
15 UNL 07				1024.2 NE	14	29	28	26	3	
16 180 10				1031.2 N	12	29	28	26	7	
17 UNL 10				1031.5 N	08	28	27	25	1	
18 UNL 04				1031.3 NNW	07	30	29	28	4	
19 UNL 10	F			1030.2 NW	15	34	32	30	0	
20 090 10				1025.0 W	11	33	32	30	9	
21 002 03	F			1020.7 NW	10	34	33	32	10	
22 005 07	S-			1016.7 WNW	16	33	33	32	10	
23 004 07				1013.4 NNW	14	34	33	32	10	
24 010 08				1022.8 NE	07	34	33	30	10	
25 035 10				1028.8 C	00	34	32	30	8	
26 UNL 15				1032.2 S	04	35	33	30	2	
27 UNL 15				1031.0 C	00	34	32	30	6	
28 UNL 15				1027.0 SSW	02	38	36	33	3	
29 UNL 15				1022.8 C	00	37	35	34	5	
30 UNL 15				1018.5 NNW	03	41	38	33	3	
AVG				1019.1	08	30	29	26	07	

MOULD BAY NWT
JUNE 1959 0500 MST

01 012 08	S-			1012.3 WSW	05	21	20	18	10	
02 022 08				1010.5 C	00	25	24	22	9	
03 025 08	S-			1011.2 C	00	25	24	22	10	
04 020 06	S-			1015.3 NNE	09	22	21	19	10	
05 027 08				1017.4 NE	09	22	21	19	9	
06 018 10				1015.8 NE	08	26	25	22	10	
07 010 03	F			1009.3 ENE	10	21	20	17	9	
08 013 08				1006.7 NE	13	27	26	24	10	
09 UNL 04	F			1009.0 NE	04	24	23	20	0	
10 UNL 10				1010.9 C	00	23	22	19	4	
11 008 07				1006.0 W	06	29	28	27	10	
12 020 07				1010.4 WSW	15	30	29	27	9	
13 040 07				1013.9 C	00	31	30	28	10	
14 UNL 10				1016.4 NE	16	31	30	29	5	
15 UNL 10				1026.3 NE	06	29	27	24	4	
16 010 08				1031.1 N	16	31	30	28	1	
17 UNL 10				1031.4 NE	08	29	28	26	9	
18 UNL 07				1031.7 NNW	05	29	28	27	4	
19 UNL 15				1013.9 C	00	31	30	28	5	
20 020 10				1023.8 W	14	33	32	31	9	
21 002 03				1021.0 NNW	12	33	33	32	10	
22 005 06	R-			1014.8 NW	19	34	33	31	10	
23 004 07				1014.8 N	10	34	33	32	10	
24 010 08				1023.9 NNE	12	33	31	29	10	
25 080 15				1013.3 C	00	34	32	30	6	
26 UNL 15				1032.4 SSE	08	37	34	31	2	
27 UNL 15				1030.6 S	06	38	35	30	1	
28 UNL 15				1026.5 S	10	39	37	33	4	
29 002 04	F			1022.2 W	09	34	33	32	10	
30 UNL 15				1018.5 C	00	39	36	33	8	
AVG				1019.1	08	30	29	26	07	

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (height)
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MOULD BAY NWT
JUNE 1959 0800 MST

01 014 08	S-			1011.8 WSW	05	22	21	18	10	
02 018 08				1010.5 SW	03	26	26	24	10	
03 020 06	S-			1011.3 C	00	26	25	22	9	
04 025 07				1015.5 NE	14	24	23	21	9	
05 014 08				1017.5 ENE	16	23	22	19	10	
06 018 10				1014.4 NNE	13	26	25	23	10	
07 012 10				1008.6 E	18	25	24	22	8	
08 013 07	S-			1006.9 ENE	07	27	26	24	10	
09 UNL 10				1009.4 C	00	24	23	20	3	
10 UNL 10				1010.3 SSW	06	25	24	20	2	
11 UNL 10				1006.3 W	16	30	29	27	5	
12 015 04	S-F			1011.0 WSW	15	32	31	30	10	
13 055 08				1013.6 C	00	32	32	31	10	
14 015 06	S-			1016.5 NE	13	33	32	31	10	
15 UNL 10				1027.6 NE	06	30	28	25	2	
16 UNL 10				1031.3 N	12	31	30	28	2	
17 UNL 15				1031.4 NW	10	29	28	26	1	
18 UNL 15				1031.5 NNW	08	34	32	30	10	
19 UNL 15				1029.5 W	09	34	32	30	2	
20 003 05	F			1023.1 W	13	34	33	32	10	
21 UNL 10				1021.0 NW	14	34	32	28	5	
22 005 06	R-			1012.4 NNW	16	34	33	32	10	
23 004 07				1013.9 NNW	15	35	34	33	10	
24 020 10				1025.1 NNE	03	34	32	30	10	
25 UNL 15				1029.5 W	07	37	35	32	5	
26 UNL 15				1032.5 S	09	38	35	31	2	
27 UNL 15				1030.2 S	07	39	36	31	1	
28 UNL 15				1026.0 S	10	37	35	32	4	
29 005 08				1021.9 NNW	08	35	34	33	9	
30 UNL 15				1017.9 C	00	38	36	33	6	
AVG				1019.0	09	31	30	27	07	

MOULD BAY NWT
JUNE 1959 1100 MST

01 010 08				1012.0 C	00	23	22	20	10	
02 018 08				1010.4 NNW	09	28	27	25	10	
03 020 07	S-			1011.6 E	06	27	27	25	10	
04 025 06	S-			1015.5 NE	14	26	25	22	10	
05 014 08				1017.7 ENE	17	24	23	19	10	
06 014 08				1013.5 NNE	12	25	25	22	10	
07 012 07	S-			1008.5 ENE	18	26	25	22	10	
08 012 04	S-			1007.5 S	15	25	24	22	10	
09 035 15				1009.5 C	00	27	26	23	9	
10 040 07				1009.4 S	09	29	28	26	9	
11 010 05	F			1007.1 WSW	13	31	30	29	10	
12 015 08				1011.5 W	14	32	31	30	10	
13 025 08				1013.7 E	03	34	32	29	10	
14 012 05	S-			1016.9 NE	17	33	32	30	10	
15 UNL 15				1028.8 N	09	32	31	29	5	
16 UNL 15				1031.3 N	10	34	32	29	2	
17 UNL 15				1031.0 NNE	11	31	30	28	2	
18 UNL 15				1031.4 C	00	34	32	29	1	
19 UNL 15				1028.5 W	12	35	32	29	4	
20 006 07				1022.4 WSW	10	34	33	30	9	
21 040 10				1021.3 NNW	15	34	32	28	9	
22 002 02	R-F			1011.8 NW	21	35	34	33	10	
23 008 07				1016.3 NNW	15	37	35	32	10	
24 015 10				1011.5 W	14	32	31	30	10	
25 UNL 15				1029.9 C	00	39	39	30	3	
26 UNL 15				1032.5 S	10	40	36	31	2	
27 UNL 15				1029.2 S	08	40	36	32	2	
28 UNL 15				1025.5 S	08	41	38	34	3	
29 020 08				1021.4 NNW	10	39	36	33	7	
30 UNL 15				1017.8 S	05	45	40	34	4	
AVG				1019.0	10	33	31	28	07	

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (height)
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MOULD BAY NWT
JUNE 1959 1400 MST

01 010 08				1012.0 C	00	23	23	20	10	
02 040 10				1010.8 W	06	29	28	26	8	
03 UNL 10				1012.3 NE	07	27	26	24	4	
04 025 07				1016.1 NE	16	27	26	23	10	
05 UNL 10				1017.7 NE	16	24	23	20	5	
06 014 08				1015.0 NE	16	27	26	23	10	
07 015 08				1008.4 ENE	15	27	26	24	10	
08 010 06	S-			1008.2 S	11	25	24	22	10	
09 040 15				1009.7 NW	03	30	28	25	9	
10 020 08				1008.3 SW	10	30	29	27	9	
11 010 06	S-F			1007.6 SW	13	31	30	29	10	
12 010 10				1012.6 W	16	33	31	29	8	
13 030 08				1013.9 NE	05	34	32	28	10	
14 014 10				1018.0 NE	15	34	33	30	9	
15 018 15				1029.9 NNE	10	35	33	32	6	
16 UNL 15</										

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Calling (1000's h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE NMT
JANUARY 1959 0000 CST

01 UNL 15	S-	1011.0	NW	05	-30	-30	-36	3		
02 UNL 15		1026.3	NW	08	-49			0		
03 UNL 15		1033.9	E	02	-35			0		
04 050 00	1/ABS	1032.9	E	45	-01	-01	-05	10		
05 UNL 00	1/2BS	1028.8	E	35	04	04	01	4		
06 UNL 10		1026.8	NE	23	-04	-05	-09	0		
07 UNL 04	BS	1030.1	E	34	-13	-13	-19	0		
08 UNL 04	BS	1034.8	E	35	-14	-14	-20	2		
09 UNL 15		1030.1	C	00	-13	-13	-19	0		
10 UNL 15		1031.9	NW	08	-28	-28	-34	0		
11 UNL 15		1029.2	NW	01	-31	-31	-44	0		
12 UNL 15		1022.2	E	12	-25	-25	-31	0		
13 UNL 15		1018.2	ESE	01	-27	-27	-33	0		
14 UNL 15		1021.5	NW	09	-28	-28	-33	0		
15 UNL 15		1027.2	WNW	02	-26	-26	-36	0		
16 070 15	IC	1017.5	SE	06	-23	-24	-31	6		
17 070 10		1028.8	E	18	-01	-01	-06	10		
18 100 00	1/ABS	1015.2	E	48	03	03	00	10		
19 027 05	S-BS	999.0	NNE	30	10	10	06	10		
20 040 10	S-	1012.9	ESE	10	02	02	-03	10		
21 050 15		1017.5	SE	08	-09	-10	-17	10		
22 UNL 10		1016.5	ESE	15	-02	-02	-07	9		
23 UNL 03	BS	1021.1	NNE	20	-05	-05	-11	1		
24 UNL 00	1/2IF	1002.1	N	21	-22	-22	-29	2		
25 UNL 00	1/2BS	992.2	NNE	38	-20	-20	-27	9		
26 UNL 10		1004.1	NE	26	-09	-09	-15	10		
27 150 15		1009.9	NW	18	-15	-15	-22	10		
28 UNL 15		1011.9	NW	07	-30	-30	-36	4		
29 UNL 10	IC	1011.1	NW	10	-32	-32	-41	0		
30 UNL 15		1018.4	NW	10	-29	-29	-38	0		
31 UNL 15		1009.0	ESE	11	-25	-25	-33	0		
AVG		1019.5		17	-17	-17	-24	04		

RESOLUTE NMT
JANUARY 1959 0500 CST

01 070 10	S-	1012.3	N	08	-28	-28	-34	10		
02 UNL 15		1027.8	WNW	09	-50			0		
03 UNL 15		1034.9	WSW	02	-32	-33	-42	0		
04 035 05	S-	1034.4	NE	14	-01	-01	-05	10		
05 UNL 02	BS	1028.8	E	28	04	04	00	1		
06 UNL 12		1027.0	NE	20	-10	-10	-15	0		
07 UNL 04	BS	1031.2	E	27	-14	-14	-20	0		
08 UNL 10		1034.7	NE	16	-08	-08	-14	0		
09 UNL 15		1030.1	C	03	-15	-15	-23	0		
10 UNL 15		1032.5	NW	04	-29	-29	-41	0		
11 UNL 15		1028.6	NNE	04	-29	-29	-40	0		
12 UNL 15		1022.0	NE	04	-25	-25	-35	0		
13 UNL 15		1018.4	C	00	-25	-25	-33	0		
14 UNL 10	IC	1022.1	NW	05	-24	-24	-31	0		
15 070 15	S-	1028.6	C	06	-23	-24	-30	8		
16 UNL 15	IC	1035.3	C	00	-25	-25	-36	0		
17 090 15		1027.7	E	12	-01	-01	-06	10		
18 065 10		1014.5	N	20	00	00	-05	10		
19 035 00	1/25-BS	997.0	NNE	35	13	13	10	10		
20 UNL 15		1015.3	SE	10	-05	-05	-11	0		
21 050 15		1017.2	NW	06	-11	-11	-18	10		
22 140 15		1018.6	E	22	-02	-03	-08	6		
23 UNL 02	BS	1019.8	NE	32	04	04	00	9		
24 UNL 00	1/2IF	999.6	NW	25	-17	-17	-23	6		
25 UNL 03	IF	993.7	NNE	22	-22	-22	-28	0		
26 UNL 07		1005.5	NE	27	-07	-08	-13	0		
27 UNL 15		1005.6	NNE	17	-29	-29	-30	8		
28 UNL 15		1011.8	NW	04	-26	-26	-32	5		
29 UNL 15		1011.6	NW	04	-33	-33	-46	3		
30 UNL 15		1018.7	NW	06	-29	-29	-37	2		
31 UNL 15		1007.2	ESE	10	-27	-27	-35	0		
AVG		1019.8		13	-17	-17	-23	03		

Date	Calling (1000's h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE NMT
JANUARY 1959 0600 CST

01 UNL 15		1014.5	NW	07	-35	-35	-45	0		
02 UNL 15		1029.5	WNW	07	-49			0		
03 UNL 15		1035.7	NE	18	-23	-23	-33	3		
04 040 10	S-	1033.0	C	00	02	02	-01	10		
05 UNL 10		1028.6	E	07	09	09	05	0		
06 UNL 10		1027.3	E	28	-03	-03	-08	0		
07 UNL 07		1031.9	E	22	-16	-14	-20	0		
08 UNL 15		1034.1	N	10	-09	-09	-15	0		
09 UNL 15		1031.0	NW	06	-18	-19	-26	0		
10 UNL 15		1032.7	C	00	-31	-31	-40	0		
11 UNL 15	IC	1028.1	C	00	-27	-27	-35	0		
12 UNL 15		1021.1	E	02	-27	-27	-38	0		
13 UNL 15		1018.9	C	00	-24	-24	-32	0		
14 UNL 08	IC	1023.4	NE	01	-20	-20	-27	0		
15 UNL 15		1029.0	C	00	-22	-22	-31	6		
16 UNL 15	IC	1035.5	C	00	-21	-21	-30	0		
17 150 15		1024.9	E	14	01	01	-05	10		
18 070 10		1011.5	NNE	24	01	01	-04	10		
19 090 00		995.5	NNE	45	15	15	13	10		
20 UNL 15	1/8BS	1017.6	SE	06	-08	-08	-14	0		
21 050 15	S-	1016.3	NW	05	-11	-11	-18	10		
22 UNL 15		1019.9	E	15	-06	-07	-13	1		
23 UNL 02	1/2BS	1018.6	NNE	30	-05	-05	-10	1		
24 UNL 05	IF	997.7	NW	18	-17	-17	-23	1		
25 UNL 15		995.6	C	00	-20	-20	-27	0		
26 UNL 08		1006.2	NE	23	-02	-02	-07	0		
27 UNL 15		1005.1	NW	23	-30	-30	-36	0		
28 UNL 15		1011.8	NW	14	-27	-27	-35	5		
29 UNL 15		1012.6	NW	08	-32	-32	-41	1		
30 070 15		1018.6	SE	03	-15	-15	-25	9		
31 UNL 15		1005.9	ESE	12	-27	-27	-37	1		
AVG		1019.7		11	-16	-16	-22	03		

RESOLUTE NMT
JANUARY 1959 0900 CST

01 UNL 15		1016.5	N	15	-40			0		
02 UNL 15		1029.9	N	02	-49			0		
03 UNL 06	BS	1036.3	NE	20	-24	-25	-34	3		
04 040 10		1032.1	NNE	15	-02	-02	-06	10		
05 UNL 15		1028.3	C	00	00	00	-04	1		
06 UNL 15		1028.6	NE	19	-05	-06	-10	0		
07 UNL 10		1031.4	NE	33	-15	-15	-22	1		
08 UNL 15		1033.0	NNE	06	-08	-08	-13	0		
09 UNL 15		1031.4	WNW	07	-24	-24	-31	1		
10 UNL 15	IC	1031.8	WNW	04	-31	-32	-40	0		
11 UNL 15	S-	1026.6	E	02	-27	-27	-33	8		
12 UNL 15		1020.3	N	02	-30	-30	-36	1		
13 UNL 15		1015.4	C	00	-29	-29	-38	1		
14 UNL 08	IC	1022.7	NE	01	-27	-27	-38	1		
15 UNL 15		1030.4	C	00	-25	-25	-35	2		
16 UNL 10	IC	1035.3	E	01	-22	-22	-31	1		
17 090 06	BS	1025.8	SE	20	03	03	-02	10		
18 070 08		1008.3	NE	27	03	03	-02	10		
19 055 00	3/8BS	995.5	NNE	39	15	15	12	10		
20 UNL 15		1019.1	SE	01	-09	-09	-15	0		
21 050 10	S-	1014.6	NE	18	-03	-03	-07	10		
22 UNL 15		1021.0	E	16	-08	-08	-14	1		
23 UNL 02	1/2BS	1016.9	NE	31	-05	-05	-10	1		
24 UNL 01	IF	995.6	WNW	17	-18	-18	-23	3		
25 UNL 15		995.8	NNE	16	-16	-16	-22	3		
26 UNL 15		1007.8	SE	04	-04	-05	-10	1		
27 UNL 15		1004.8	NW	08	-32	-32	-41	1		
28 060 15		1011.1	NW	07	-28	-28	-36	9		
29 UNL 15		1013.3	NW	07	-25	-25	-33	9		
30 070 15		1016.6	ESE	07	-23	-23	-33	9		
31 UNL 15		1005.9	ESE	07	-26	-26	-34	10		
AVG		1019.4		11	-17	-17	-24	04		

Date	Calling (1000's h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE NMT
JANUARY 1959 1200 CST

01 UNL 15		1018.8	N	12	-42			1		
02 UNL 15		1031.0	N	05	-47			0		
03 UNL 05	BS	1036.3	NE	30	-21	-22	-31	3		
04 040 15		1031.7	NE	09	-01	-01	-05	10		
05 UNL 15		1027.3	NE	11	-01	-01	-05	6		
06 UNL 15		1028.7	NE	24	-05	-06	-12	1		
07 UNL 15		1032.8	E	24	-14	-14	-20	2		
08 170 10		1031.5	NE	25	-11	-11	-18	10		
09 UNL 15		1031.7	NW	11	-25	-25	-33	1		
10 UNL 15		1031.8	NW	02	-33	-33	-42	0		
11 UNL 15		1025.5	E	06	-25	-25	-33	7		
12 UNL 15		1020.0	E	02	-25	-25	-33	1		

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Calling (100's RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE NWT
FEBRUARY 1959 0000 CST

01 UNL 00 1/2IFBS	1001.9 NNW	25	-35	-35	-41	0
02 UNL 15	994.6 NW	28	-39			0
03 UNL 05 IC	989.4 NE	13	-32	-33	-42	4
04 UNL 05 BS	1009.6 NNE	35	-24	-24	-30	1
05 UNL 15	1001.7 N	37	-31	-31	-37	0
06 UNL 15	1003.9 N	10	-20	-20	-29	0
07 025 02 S-	995.1 NW	16	-16	-16	-23	10
08 003 00 1/4IFBS	1002.9 NW	30	-30	-30	-37	10
09 UNL 10	1007.3 NW	23	-41			0
10 UNL 00 3/8IF	1003.1 NW	32	-36			8
11 UNL 15	1000.8 NW	16	-38			0
12 150 10	1001.0 NNW	12	-36	-34	-43	0
13 002 00 1/4BS	997.3 NNW	35	-30	-30	-34	10
14 070 01 IF	992.6 NNW	21	-28	-28	-34	10
15 UNL 15	995.3 NW	09	-38			2
16 UNL 15	1006.8 E	06	-25	-25	-33	0
17 080 15 S-	1019.0 C	00	-32	-32	-41	10
18 UNL 15 IC	1018.1 NNW	07	-36	-34	-43	0
19 UNL 15	1010.8 NE	06	-28	-28	-39	0
20 UNL 15	1026.7 C	00	-31	-31	-48	0
21 UNL 15	1022.2 ESE	14	-28	-28	-36	8
22 080 00 1/2IF	998.8 SSW	23	-14	-14	-19	10
23 UNL 05 IC	1006.9 NNW	04	-28	-28	-34	0
24 090 03 S-	997.8 ESE	23	-10	-10	-14	10
25 UNL 00 3/4IF	994.7 NW	15	-39			1
26 UNL 08 IC	995.3 NW	15	-42			6
27 UNL 15	1003.1 NW	09	-35	-35	-45	0
28 UNL 03 IC	1004.7 SE	11	-36			0

AVG 1003.6 17 -31 04

RESOLUTE NWT
FEBRUARY 1959 0300 CST

01 UNL 00 3/4IF	1002.9 NNW	20	-38			4
02 UNL 15	993.7 NW	15	-39			0
03 UNL 10	990.5 NE	18	-32	-32	-41	10
04 UNL 05 BS	1009.2 NNE	35	-20	-20	-26	0
05 UNL 15	1001.1 N	18	-27	-27	-35	0
06 UNL 15 IC	1003.3 NW	14	-27	-27	-38	0
07 000 00 1/4BS	998.5 NNW	30	-21	-21	-27	10
08 UNL 01 IFBS	1004.9 NNW	34	-33	-33	-39	3
09 UNL 15	1007.6 NW	12	-40			0
10 UNL 00 3/8IF	1002.4 NW	30	-35			8
11 UNL 15	1001.2 NW	05	-40			0
12 090 10	1002.2 N	15	-32	-32	-41	10
13 001 00 1/8IFBS	995.6 NNW	33	-29	-29	-35	10
14 UNL 06 IC	993.4 NW	17	-31	-31	-47	2
15 UNL 15	996.6 C	00	-36			0
16 UNL 15	1008.8 W	07	-33	-33	-42	0
17 080 10 S-	1020.1 NW	02	-32	-32	-38	10
18 UNL 10 IC	1011.8 NW	03	-33	-33	-46	0
19 UNL 15	1012.8 C	00	-28	-28	-36	0
20 UNL 15	1028.1 C	00	-31	-31	-44	0
21 UNL 15	1020.1 ESE	20	-23	-23	-33	10
22 020 05 S-	997.3 SW	16	-17	-17	-23	10
23 UNL 10 IC	1008.3 NW	05	-32	-32	-41	1
24 090 03 S-	998.2 SE	26	-08	-08	-19	10
25 UNL 10 IC	995.1 NW	12	-41			0
26 UNL 01 IC	996.4 NNW	12	-40			5
27 UNL 15	1004.5 N	08	-36			6
28 UNL 03 IC	1005.0 ESE	06	-36			0

AVG 1003.8 15 -31 04

Date	Calling (100's RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE NWT
FEBRUARY 1959 0600 CST

01 UNL 00 3/4IF	1001.7 NNW	30	-39			0
02 UNL 15	993.1 NW	10	-41			0
03 140 04 BS	992.9 NE	25	-23	-24	-31	10
04 UNL 10	1010.0 NNE	28	-26	-26	-32	0
05 UNL 15	1001.9 NNW	15	-30	-30	-42	0
06 UNL 15	1003.4 NW	08	-21	-21	-30	10
07 000 00 IFBS	997.7 NW	38	-28	-28	-34	10
08 UNL 01 1/2IF	1006.1 NW	30	-35	-35	-43	2
09 UNL 15	1008.0 NW	26	-40			0
10 UNL 00 1/4IF	1002.2 NW	30	-35			9
11 UNL 15	1000.7 NNW	10	-43			0
12 050 08 S-	1003.2 NNW	06	-32	-32	-39	10
13 003 00 1/4IFBS	994.3 NNW	28	-29	-29	-35	10
14 UNL 10 IC	993.8 NW	11	-31	-32	-49	0
15 UNL 15	997.7 C	00	-33	-33	-43	0
16 UNL 15	1010.0 N	14	-36			0
17 UNL 15	1020.2 NW	02	-34	-34	-44	4
18 UNL 10 IC	1010.9 SE	05	-36			0
19 UNL 15	1014.9 C	00	-25	-25	-35	0
20 UNL 15	1028.2 SE	04	-33	-34	-46	0
21 100 15	1017.9 SE	20	-19	-19	-26	10
22 UNL 05 S-	997.1 W	13	-16	-16	-23	4
23 UNL 15	1008.7 C	00	-28	-28	-36	0
24 080 02 S-	999.3 SE	15	-10	-10	-15	10
25 UNL 10 IC	994.9 NNW	07	-41			0
26 UNL 03 IC	997.1 NW	15	-38			6
27 UNL 15	1005.1 NW	02	-36			7
28 UNL 02 IC	1005.1 SE	09	-37			1

AVG 1003.9 14 -31 04

RESOLUTE NWT
FEBRUARY 1959 0900 CST

01 120 01 IF	1001.0 NW	13	-40			8
02 UNL 15 IC	991.0 NNW	06	-38			2
03 090 08 S-	997.0 NE	08	-22	-22	-30	10
04 UNL 15	1008.6 NNE	31	-24	-24	-31	3
05 UNL 15	1001.9 NNW	23	-28	-28	-49	0
06 120 15 IC	1003.8 W	05	-23	-23	-32	6
07 012 00 1/4BS	997.2 NW	26	-28	-28	-34	10
08 UNL 01 1/2IF	1006.8 NNW	16	-36			0
09 UNL 01 1/2IF	1007.7 NNW	21	-40			0
10 UNL 00 1/4IF	1001.1 NW	30	-34	-34	-40	3
11 UNL 10	1000.9 NW	10	-44			1
12 UNL 15	1004.0 NNW	07	-34	-34	-40	1
13 002 00 1/8IF	992.7 NW	35	-28	-28	-34	10
14 150 03 IF	993.7 NW	12	-34	-34	-43	10
15 UNL 15	999.4 NNW	08	-30	-30	-38	1
16 UNL 15	1011.9 W	07	-35			1
17 UNL 15	1019.8 NW	00	-34	-34	-43	4
18 UNL 15 IC	1009.9 ESE	04	-34	-34	-44	5
19 UNL 15	1017.2 N	04	-22	-22	-31	1
20 UNL 15	1026.4 C	00	-33	-33	-46	1
21 UNL 15	1015.1 SE	17	-18	-18	-26	10
22 020 05 S-	997.6 W	12	-15	-15	-22	10
23 UNL 03 IF	1008.3 ESE	02	-31	-32	-40	2
24 070 01 1/2S-	991.3 SE	15	-09	-09	-13	10
25 140 01 ICIF	994.2 NNW	03	-39			10
26 UNL 04 S-IF	998.1 NW	14	-35			10
27 UNL 10	1005.1 W	02	-36			0
28 UNL 01 1/2IF	1005.3 ESE	12	-36			3

AVG 1003.9 12 -31 05

Date	Calling (100's RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE NWT
FEBRUARY 1959 1200 CST

01 150 03 IF	999.8 NW	06	-41			9
02 UNL 05 IF	988.7 WSW	02	-36			0
03 UNL 15	1000.5 NE	20	-25	-25	-33	8
04 UNL 15	1005.9 NNE	37	-28	-28	-36	1
05 UNL 15	1001.1 NNE	36	-27	-28	-41	0
06 073 03 S-	1002.3 NNW	12	-21	-21	-28	10
07 002 00 1/4BS	997.7 NNW	35	-30	-30	-36	10
08 010 02 IF	1007.3 NNW	25	-32	-32	-39	10
09 UNL 01 1/2IF	1007.6 NW	14	-38			0
10 UNL 00 5/8IF	1001.1 NW	18	-34	-34	-41	1
11 UNL 15	1000.4 NW	14	-43			0
12 UNL 15	1004.0 NNW	08	-38			4
13 001 00 1/8IF	991.4 NW	30	-28	-28	-34	10
14 170 05 IF	993.9 NW	15	-35			9
15 UNL 15	1001.3 NNW	02	-32	-32	-41	1
16 UNL 15	1013.1 NNW	11	-35			7
17 UNL 15	1018.9 NW	03	-34	-34	-43	1
18 160 15	1008.5 ESE	12	-29	-29	-38	6
19 UNL 15	1019.1 ESE	08	-23	-23	-33	6
20 UNL 15	1027.1 S	08	-31	-31	-43	0
21 100 15	1011.8 SE	18	-14	-14	-20	10
22 UNL 15	999.4 W	12	-16	-16	-23	3
23 UNL 15 IC	1007.8 E	08	-28	-29	-36	6
24 020 01 S-	989.9 SW	07	-10	-10	-17	10
25 070 03 S-IF	993.4 NE	04	-38			0
26 070 01 S-IF	998.8 NW	18	-32	-32	-38	10
27 UNL 10	1005.4 NNW	02	-37			1
28 UNL 02 IF	1004.9 ESE	16	-35	-35	-41	7

AVG 1003.6 14 -30 06

RESOLUTE NWT
FEBRUARY 1959 1500 CST

01 UNL 07	998.8 NW	06	-40			10
02 UNL 03 IF	987.7 ESE	03	-36			10
03 UNL 15	1004.6 NNE	22	-25	-25	-31	7
04 UNL 15	1004.6 NNE	38	-29	-30	-41	0
05 UNL 45	1002.5 NNE	34	-26	-26	-37	1
06 080 05 S-	1001.5 NNW	06	-19	-19	-27	10
07 002 00 1/4BS	998.3 NNW	35	-28	-28	-34	10
08 150 02 1/2IF	1008.1 NNW	20	-35			10
09 UNL 01 IF	1007.3 NNW	15	-37			0
10 UNL 00 IF	1001.2 NW	17	-35	-35	-45	0
11 UNL 10	1000.9 N	20	-42			0
12 UNL 15	1003.5 NW	17	-38			0
13 001 00 1/8IF	991.1 NW	32	-27	-27	-33	10
14 UNL 10	994.8 NNW	08	-37			1
15 UNL 15	1003.4 E	09	-34	-34	-44	0
16 UNL 15	1015.5 NW	07	-35			7
17 UNL 15	1017.7 NW	02	-35			0
18 080 15 S-	1008.8 ESE	07	-28	-28	-34	10
19 UNL 15	1022.2 ESE	03	-29	-29	-38	3
20 UNL 15	1026.4 SE	04	-31	-31	-43	1
21 160 15	1008.5 SE	17	-12	-13	-20	9
22 UNL 15	1001.3 NNW	10	-22	-22	-29	0
23 UNL 15	1005.9 ESE	12	-26	-26	-34	7
24 150 02 IF	989.9 NN	03	-15	-15	-19	10
25 070 04 S-	994.2 NNW	02	-38			10
26 150 10	1000.1 NNW	09	-32	-32	-39	10
27 UNL 15 IC	1005.7 C	00	-38			1
28 080 01 S-IF	1003.5 SE	18	-31	-31	-37	10

AVG 1003.9 13 -31 05

Date	Calling (100's RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE NWT
FEBRUARY 1959 1800 CST

01 UNL 08</

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 (hamb)
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RESOLUTE NWT
MARCH 1959 0000 CST

01 080 02	BS	1002.8	SSE	25	-23	-24	-31	10		
02 090 03	S-	1000.7	WSW	10	-29	-29	-38	8		
03 UNL 15		1012.2	NNW	04	-42			0		
04 UNL 15		1024.4	NW	04	-40			0		
05 UNL 15		1024.1	NW	08	-30	-30	-39	0		
06 150 15		1029.2	SE	05	-28	-29	-36	10		
07 UNL 15		1013.7	ESE	09	-17	-17	-25	0		
08 065 08	S-	1009.0	NW	07	-16	-16	-23	10		
09 UNL 10	IC	1012.0	NNW	04	-28	-28	-34	0		
10 100 10	IC	1007.5	NNW	15	-25	-25	-33	10		
11 UNL 15		1009.0	NW	04	-32	-32	-42	0		
12 UNL 10	IC	1006.5	NW	20	-30	-30	-36	10		
13 UNL 15		1012.8	NW	07	-35	-35	-45	0		
14 UNL 10		1016.2	NE	02	-38			0		
15 UNL 08	IC	1009.8	NNW	06	-35	-35	-45	0		
16 UNL 01	ICIF	1012.2	SSE	10	-37			10		
17 UNL 01	IC	1014.9	ESE	07	-39			0		
18 UNL 15		1019.1		00	-37			0		
19 UNL 10	IC	1017.1	E	02	-38			0		
20 UNL 10	IC	1009.9	WSW	10	-22	-22	-30	4		
21 UNL 15		1018.3	NW	01	-34	-34	-44	3		
22 UNL 15		1017.9	NW	04	-28	-28	-34	2		
23 UNL 15		1020.1	NNW	06	-33	-33	-42	0		
24 UNL 15		1031.1	SE	02	-31	-31	-40	0		
25 UNL 15		1033.1	C	00	-25	-25	-35	0		
26 UNL 10	IC	1024.9	NW	07	-16	-16	-23	4		
27 UNL 10		1019.1	NW	11	-25	-25	-33	0		
28 UNL 15	IC	1020.9	NW	05	-23	-23	-33	0		
29 UNL 04	IC	1014.8	NW	03	-26	-26	-34	2		
30 UNL 10	IC	1015.4	NW	02	-22	-22	-30	1		
31 UNL 15	IC	1013.1	NW	02	-31	-31	-40	2		
AVG		1015.6		07	-30			03		

RESOLUTE NWT
MARCH 1959 0300 CST

01 080 02	BS	1002.6	SSE	23	-24	-24	-32	10		
02 UNL 05	IC	1002.5	SM	08	-36			0		
03 UNL 15		1013.9	C	00	-40			0		
04 UNL 10	IC	1025.2	NNW	04	-38			0		
05 UNL 05	IC	1024.9	NW	08	-31	-32	-40	0		
06 UNL 05	IF	1022.9	SE	12	-30	-30	-38	7		
07 UNL 15		1012.2	ESE	15	-14	-14	-20	0		
08 UNL 10	IC	1010.0	NW	06	-20	-20	-27	6		
09 UNL 05	S-	1012.1	NW	06	-25	-25	-33	8		
10 022 04	IC	1007.2	NNW	15	-25	-25	-33	8		
11 UNL 15		1021.7	NW	03	-35	-35	-45	0		
12 UNL 15		1007.9	NW	07	-33	-33	-43	0		
13 UNL 15	IC	1013.8	NNW	05	-35	-35	-45	0		
14 UNL 15		1016.1	ESE	01	-38			0		
15 UNL 10	IC	1010.1	NW	04	-38			0		
16 UNL 03	IF	1012.7	SSE	15	-36			4		
17 UNL 05	IC	1015.6	ESE	13	-38			0		
18 UNL 10	IC	1019.2	C	00	-40			0		
19 UNL 10	IC	1017.1	C	00	-39			0		
20 UNL 08	IC	1008.9	NNW	05	-28	-28	-34	0		
21 100 15		1019.8	NW	01	-34	-34	-43	10		
22 UNL 20		1017.5	NW	02	-31	-31	-37	1		
23 UNL 15		1020.8	NW	08	-30	-30	-38	0		
24 UNL 15		1032.1	SE	02	-31	-31	-40	0		
25 UNL 15		1032.0	C	00	-26	-26	-34	2		
26 UNL 10	IC	1024.1	NW	02	-19	-19	-26	5		
27 UNL 10	IC	1019.1	NW	04	-25	-25	-33	0		
28 UNL 15	IC	1021.1	NNW	03	-27	-27	-35	2		
29 UNL 15	IC	1015.7	NW	03	-35	-35	-45	0		
30 UNL 08	IC	1013.3	C	00	-28	-28	-36	7		
31 UNL 10		1013.0	NW	02	-34	-34	-43	6		
AVG		1015.8		06	-31			03		

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 (hamb)
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RESOLUTE NWT
MARCH 1959 0600 CST

01 080 00	1/2BS	1001.7	SSE	25	-22	-22	-29	10		
02 UNL 05	IC	1004.0	WSW	08	-39			1		
03 UNL 10		1016.1	NNW	07	-42			0		
04 UNL 10	IC	1025.4	NW	05	-36			0		
05 UNL 10	IC	1024.2	NW	08	-33	-33	-42	8		
06 UNL 10		1022.1	ESE	17	-26	-26	-31	6		
07 UNL 15		1010.9	ESE	18	-13	-14	-20	8		
08 UNL 10	IC	1010.5	NW	09	-25	-25	-35	0		
09 065 03	S-	1011.4	W	08	-24	-24	-31	9		
10 080 04	IC	1006.7	NNW	18	-25	-25	-33	10		
11 UNL 15		1009.1	NW	03	-36			0		
12 UNL 10		1005.8	NW	12	-34	-34	-48	3		
13 UNL 10		1013.9	NNW	10	-36			0		
14 UNL 10		1015.4	ENE	02	-39			2		
15 UNL 08		1010.0	NW	05	-39			4		
16 UNL 00	IC	1012.6	SE	10	-35			3		
17 UNL 10	3/4ICIF	1016.6	ESE	10	-38			0		
18 UNL 10		1019.1	C	00	-40			0		
19 UNL 01	1/2ICIF	1016.4	C	00	-38			1		
20 UNL 04	IF	1009.3	NNW	09	-35	-35	-41	1		
21 060 04	S-IF	1020.3	C	00	-31	-31	-40	10		
22 UNL 10		1017.5	NW	10	-31	-31	-38	1		
23 UNL 10		1022.2	NW	08	-32	-32	-42	0		
24 UNL 15		1032.9	C	00	-30	-30	-38	0		
25 UNL 15		1031.2	C	00	-24	-24	-31	2		
26 070 05	S-	1023.2	NNW	12	-20	-20	-27	9		
27 UNL 15		1019.4	NW	06	-29	-29	-37	3		
28 UNL 15		1020.5	NW	08	-27	-27	-35	8		
29 080 01	1/2S-IF	1018.0	C	00	-25	-25	-33	10		
30 UNL 03	IF	1019.0	C	00	-29	-29	-37	6		
31 UNL 05	IF	1013.1	NNW	03	-35	-35	-45	6		
AVG		1015.8		07	-31			04		

RESOLUTE NWT
MARCH 1959 0900 CST

01 120 01	S-IF	1004.5	SE	22	-20	-20	-26	10		
02 UNL 05	ICIF	1005.2	W	05	-41			1		
03 UNL 10		1017.5	NNW	09	-42			0		
04 UNL 10	S-	1025.4	NW	04	-37			0		
05 UNL 05	IF	1025.8	N	06	-33	-33	-37	9		
06 UNL 12		1021.2	ESE	07	-25	-25	-31	10		
07 080 08	S-	1010.6	E	06	-17	-17	-24	10		
08 UNL 15	IC	1011.2	NW	11	-28	-29	-40	0		
09 UNL 10	IC	1010.6	NNW	05	-25	-25	-38	9		
10 080 00	1/2IFBS	1005.3	NW	25	-25	-25	-33	10		
11 UNL 15		1017.8	NW	09	-36			4		
12 UNL 15		1009.3	NNW	10	-35	-35	-45	2		
13 UNL 05	IF	1014.8	N	03	-39			1		
14 UNL 10		1014.2	C	00	-36			3		
15 UNL 15		1010.4	NW	04	-39			0		
16 100 01	1/4S-IF	1012.5	ESE	10	-34	-34	-48	10		
17 UNL 04	IF	1017.3	E	06	-36			0		
18 UNL 10		1018.7	C	00	-36			0		
19 UNL 00	1/4ICIF	1016.0	ESE	09	-35			4		
20 UNL 12		1010.7	NW	11	-33	-33	-43	0		
21 UNL 02	S-IF	1020.3	N	02	-28	-28	-34	10		
22 UNL 10		1016.7	NW	08	-33	-33	-42	1		
23 UNL 15		1017.8	NW	08	-27	-27	-35	0		
24 UNL 15		1033.3	SE	01	-26	-26	-36	0		
25 UNL 15	IC	1030.6	C	00	-23	-23	-33	2		
26 UNL 10	IC	1022.2	NW	14	-21	-21	-30	10		
27 UNL 15		1019.2	NW	02	-26	-26	-36	1		
28 UNL 10	IC	1020.3	NW	07	-26	-26	-39	2		
29 UNL 15	IC	1017.8	NW	08	-25	-25	-33	1		
30 UNL 15		1014.3	C	00	-27	-27	-35	0		
31 UNL 15		1012.4	NW	05	-22	-22	-29	2		
AVG		1015.8		07	-30			04		

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 (hamb)
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RESOLUTE NWT
MARCH 1959 1200 CST

01 070 01	S-IF	1000.0	SSE	26	-18	-18	-24	10		
02 UNL 10		1006.4	W	05	-41			10		
03 UNL 15		1018.7	NNW	07	-40			0		
04 UNL 08	IC	1025.1	NNW	04	-32	-32	-45	10		
05 UNL 10		1025.7	NNW	03	-27	-27	-35	1		
06 UNL 12		1020.1	SSE	10	-22	-22	-29	10		
07 080 10	S-	1010.1	ESE	04	-15	-15	-22	10		
08 UNL 15		1011.6	W	10	-27	-27	-38	0		
09 UNL 10	S-	1009.6	NW	05	-24	-24	-34	9		
10 080 01	1/2IF	1004.7	NNW	16	-26	-26	-34	10		
11 UNL 15		1003.8	NW	12	-30	-30	-38	3		
12 UNL 15		1010.2	NNW	12	-34	-34	-48	4		
13 UNL 10		1014.9	NW	04	-37			1		
14 UNL 12		1012.9	C	00	-33	-33	-46	7		

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Clouds (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (height)
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RESOLUTE NWT
APRIL 1959 0000 CST

01 UNL 15				1010.9 NW	06	-23	-23	30	0	
02 080 03	S-			1012.9 C	00	-25	-25	-33	10	
03 080 01	S-			1006.2 S	19	-20	-20	-27	10	
04 UNL 15	BS			1004.9 NE	03	-29	-29	-38	2	
05 UNL 05	BS			1012.0 N	29	-26	-26	-34	2	
06 100 10	S-			1024.0 W	09	-18	-18	-26	9	
07 070 10	IC			1023.6 WNW	08	-19	-19	-26	10	
08 070 10	S-			1032.6 NW	02	-21	-21	-28	10	
09 UNL 08	S-			1030.0 WNW	02	-18	-18	-26	8	
10 UNL 15				1022.4 SE	15	-13	-13	-20	7	
11 060 03	S-BS			1004.7 E	20	-02	-02	-07	10	
12 UNL 15				1016.9 NNE	20	-17	-17	-25	0	
13 UNL 15				1021.2 SE	15	-17	-17	-25	4	
14 060 06	S-			1019.0 SE	08	-02	-02	-06	10	
15 UNL 15				1032.6 SE	09	-11	-11	-16	2	
16 UNL 15				1031.9 SSE	01	-02	-02	-07	7	
17 UNL 08				1034.4 SE	04	-10	-10	-16	6	
18 UNL 15				1034.0 SE	03	-08	-08	-14	2	
19 UNL 15				1031.8 SE	04	-03	-03	-09	3	
20 UNL 15				1029.5 NE	03	-06	-06	-12	1	
21 UNL 15				1027.9 NW	13	-14	-14	-20	1	
22 UNL 15				1026.1 NW	09	-15	-15	-22	2	
23 UNL 15				1026.3 NNE	05	-22	-22	-30	5	
24 UNL 15				1020.4 NE	09	-09	-09	-15	1	
25 070 06	S-			1016.0 NE	24	-02	-02	-07	10	
26 070 00	1/25-BS			999.9 NE	23	09	09	06	10	
27 UNL 04	BS			1011.9 E	22	-10	-10	-16	5	
28 UNL 08				1003.5 NE	15	-04	-04	-09	4	
29 090 10				1001.7 NNE	24	-05	-05	-10	9	
30 040 02	S-			1007.7 WNW	04	-01	-01	-06	10	

AVG 1019.4 11 -12 -12 -18 06

RESOLUTE NWT
APRIL 1959 0300 CST

01 UNL 15				1011.1 NW	03	-29	-29	-38	0	
02 080 05	S-			1013.1 C	00	-27	-28	-35	8	
03 080 01	1/25-BS			1005.5 S	17	-19	-19	-26	10	
04 UNL 02	BS			1004.8 ENE	25	-22	-22	-30	7	
05 UNL 08				1014.7 WNW	12	-27	-27	-35	3	
06 UNL 10				1024.4 WNW	04	-21	-21	-28	10	
07 090 08				1024.3 W	08	-19	-19	-27	10	
08 UNL 15				1033.2 NW	01	-25	-25	-33	4	
09 UNL 10				1029.0 C	00	-22	-22	-31	4	
10 070 02	BS			1020.5 ESE	23	-09	-09	-17	10	
11 060 03	S-BS			1005.5 ESE	19	-03	-03	-08	10	
12 UNL 15				1019.2 WNW	04	-21	-21	-30	0	
13 040 15				1021.1 SE	12	-16	-16	-23	9	
14 029 02	S-			1019.8 SE	12	-01	-01	-05	10	
15 UNL 08				1033.5 ESE	06	-07	-07	-12	10	
16 UNL 15				1031.5 SE	02	-02	-02	-08	7	
17 UNL 15				1034.5 ESE	02	-06	-07	-14	3	
18 UNL 15				1034.1 ESE	03	-06	-06	-13	9	
19 UNL 15				1031.8 C	00	-07	-07	-13	7	
20 UNL 15				1029.4 WNW	04	-13	-13	-19	1	
21 UNL 15				1027.9 NNE	12	-15	-15	-22	0	
22 UNL 15				1028.0 NW	09	-19	-19	-28	2	
23 UNL 10				1025.3 NNE	17	-20	-21	-31	7	
24 UNL 15				1019.8 WNE	04	-13	-13	-20	1	
25 070 15				1014.6 NE	24	-05	-05	-10	10	
26 070 01	1/25-BS			997.6 NE	15	10	10	06	10	
27 UNL 08				1012.8 E	18	-12	-12	-18	2	
28 UNL 10				1004.5 NNE	25	-04	-04	-09	10	
29 080 10				1002.4 NNE	15	-19	-19	-11	10	
30 080 05	S-			1008.9 NW	02	-06	-06	-11	6	

AVG 1019.5 10 -13 -13 -20 06

RESOLUTE NWT
APRIL 1959 0600 CST

01 UNL 12				1011.4 NW	03	-27	-27	-35	0	
02 UNL 04	S-			1013.2 C	00	-28	-28	-34	8	
03 080 02	1/25-BS			1004.9 S	12	-20	-20	-27	10	
04 UNL 01	1/25-BS			1005.4 NE	26	-20	-20	-28	8	
05 UNL 03	BS			1016.9 NNE	20	-26	-26	-37	10	
06 150 06	S-			1024.9 WNW	04	-22	-22	-29	10	
07 180 15				1025.3 WNW	04	-20	-20	-28	8	
08 UNL 10	S-			1033.1 NW	02	-21	-21	-30	6	
09 045 03	S-			1028.2 C	00	-19	-19	-28	9	
10 040 00	1/45-BS			1018.9 ESE	32	-04	-04	-11	10	
11 UNL 15				1006.6 ESE	07	-07	-07	-13	1	
12 UNL 15				1021.0 WNW	01	-24	-24	-34	0	
13 UNL 15				1020.2 ESE	12	-15	-15	-23	8	
14 023 03	S-			1021.1 SE	10	-03	-04	-08	10	
15 080 05	BS			1033.2 ESE	22	-02	-02	-07	9	
16 UNL 15				1034.6 WSW	02	-04	-04	-11	8	
17 UNL 15				1034.8 SSE	02	-07	-08	-16	8	
18 100 15	S-			1034.2 SE	04	-08	-09	-15	10	
19 100 15				1031.4 NW	02	-09	-09	-16	7	
20 UNL 45				1028.9 WNW	06	-13	-13	-19	1	
21 UNL 01	IF			1027.9 NNE	12	-15	-15	-21	4	
22 UNL 15				1028.1 NW	10	-11	-11	-25	1	
23 UNL 15				1024.8 NNE	10	-20	-20	-29	2	
24 UNL 15				1019.3 C	00	-13	-13	-20	5	
25 150 15				1012.8 NE	17	-02	-02	-08	8	
26 070 01	S-BS			995.9 NE	19	11	11	07	10	
27 UNL 08				1012.5 ENE	23	-10	-10	-16	2	
28 UNL 15				1003.9 N	25	-03	-03	-08	10	
29 180 08				1002.4 N	30	-08	-08	-14	10	
30 UNL 10				1010.9 SE	05	-03	-04	-09	5	

AVG 1019.5 11 -13 -13 -20 07

RESOLUTE NWT
APRIL 1959 0900 CST

01 UNL 15				1011.1 WNW	03	-29	-29	-37	0	
02 UNL 10	IC			1013.0 WNW	05	-27	-27	-35	10	
03 UNL 05	IC			1004.3 SE	14	-21	-22	-28	8	
04 UNL 05	BS			1006.1 NE	20	-13	-13	-19	10	
05 UNL 10				1018.5 NW	16	-25	-25	-33	8	
06 070 08	S-			1024.2 WNW	10	-19	-19	-27	10	
07 UNL 10	IC			1026.9 WNW	04	-22	-22	-31	8	
08 UNL 15	IC			1033.2 NW	06	-20	-20	-29	8	
09 UNL 15	IC			1027.2 NE	01	-18	-18	-28	5	
10 090 01	1/25BS			1015.7 E	32	-03	-03	-08	7	
11 UNL 15				1008.4 E	01	-04	-04	-09	1	
12 UNL 15				1022.2 NW	04	-18	-18	-28	1	
13 UNL 15				1019.1 SE	16	-09	-09	-16	7	
14 030 03	S-			1022.8 SE	08	-03	-03	-08	10	
15 090 10				1033.5 ESE	17	-02	-02	-07	9	
16 UNL 45				1034.6 SE	02	-01	-01	-08	7	
17 UNL 45				1034.5 C	00	02	02	-05	10	
18 040 15	S-			1034.0 SE	02	02	01	-05	10	
19 100 15				1030.7 C	00	-03	-04	-10	8	
20 UNL 15				1029.0 WNW	02	-09	-09	-15	1	
21 UNL 15				1027.9 NW	10	-11	-11	-18	3	
22 UNL 15				1027.7 WNW	15	-15	-15	-22	2	
23 009 15	S-			1024.0 ENE	07	-12	-12	-18	9	
24 UNL 15				1018.6 NE	02	-07	-07	-13	2	
25 090 15				1011.5 NE	11	02	02	-03	9	
26 100 00	3/4BS			998.6 SE	23	00	00	-04	10	
27 UNL 15				1011.9 NE	16	-07	-08	-16	3	
28 UNL 15				1005.2 SE	20	00	00	-04	8	
29 160 15				1003.9 NW	09	-06	-07	-13	9	
30 UNL 15				1013.2 SE	05	-05	-05	-11	2	

AVG 1019.6 09 -10 -10 -17 06

Date	Clouds (100% ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (height)
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RESOLUTE NWT
APRIL 1959 1200 CST

01 UNL 08				1011.4 NW	03	-27	-27	-35	0	
02 080 02	S-IF			1012.1 SE	06	-24	-24	-30	10	
03 UNL 08	IC			1004.0 SE	11	-20	-20	-27	10	
04 UNL 10				1006.5 NE	29	-10	-10	-17	5	
05 140 08				1019.9 NW	18	-20	-20	-29	10	
06 030 01	S-			1023.8 WNW	13	-13	-13	-20	10	
07 UNL 15	IC			1028.3 WNW	06	-20	-20	-28	0	
08 UNL 10	IC			1029.9 NW	07	-20	-20	-29	4	
09 UNL 15	IC			1026.6 SSE	09	-15	-15	-23	6	
10 020 00	1/4BS			1012.4 ESE	35	01	01	-09	10	
11 UNL 15				1009.4 NW	03	-02	-02	-08	0	
12 UNL 15				1022.5 NE	01	-11	-11	-22	2	
13 060 08	S-			1018.4 SE	13	-03	-03	-09	10	
14 UNL 08	IC			1024.9 WNW	03	-02	-03	-08	3	
15 UNL 10				1033.6 ESE	12	05	05	00	6	
16 UNL 45				1034.2 C	00	04	04	00	9	
17 UNL 45				1034.4 C	00	05	04	-03	9	
18 UNL 15				1033.8 SE	02	01	00	-06	7	
19 200 15	</									

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Clouds (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deck Point (°F)	Sky Cover (brnds)
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RESOLUTE NWT
MAY 1959 0000 CST

01 UNL 15				1021.0	WNW	04	-09	-15	2	
02 UNL 15				1030.6	NW	02	-09	-15	1	
03 UNL 15				1033.0	N	11	-02	-02	07	2
04 UNL 08	S-			1032.4	C	00	-13	-13	-19	7
05 100 08				1028.9	W	04	-09	-09	-16	6
06 UNL 04	S-			1018.9	ESE	03	-09	-09	-15	10
07 UNL 15				1010.9	NE	19	-15	-15	-22	3
08 UNL 15				1008.4	NE	02	-12	-12	-19	1
09 080 02	S-			1003.9	NW	03	-08	-08	-13	10
10 070 02	S-			1009.7	NW	02	-05	-05	-10	10
11 UNL 18	IC			1021.9	SSE	10	-07	-07	-13	5
12 UNL 45				1032.9	ESE	12	-06	-06	-11	5
13 UNL 45				1033.7	SE	10	-04	-04	-10	1
14 025 15				1028.1	SE	09	05	05	00	9
15 UNL 10				1027.0	C	00	04	04	-02	7
16 018 15	S-			1028.0	NNE	03	08	07	01	9
17 UNL 15				1030.2	NE	20	04	05	00	0
18 040 15				1029.0	C	00	19	18	12	9
19 UNL 45				1025.7	NW	07	09	09	04	2
20 070 00	1/2S			1019.4	S	03	17	16	12	10
21 UNL 15				1014.3	NW	08	06	06	01	7
22 UNL 15				1015.7	NNE	14	07	07	02	6
23 050 15				1010.9	NW	02	19	18	14	8
24 UNL 15				1011.1	ESE	01	14	14	09	2
25 070 15	S-			1012.4	C	00	15	14	09	9
26 030 15	S-			1011.4	C	00	17	17	14	10
27 025 04	S-			1010.8	NW	02	18	18	14	10
28 025 05 08	S-			1011.8	NW	07	15	15	12	10
29 050 15				1013.8	NW	07	12	12	08	9
30 008 01	S-BS			1009.4	W	12	13	13	09	10
31 012 45				1008.8	ENE	08	16	15	11	9

AVG 1019.5 06 04 03 -02 06

RESOLUTE NWT
MAY 1959 0300 CST

01 UNL 15				1022.9	NW	04	-10	-10	-15	2
02 UNL 15				1031.0	C	00	-11	-11	-15	1
03 UNL 15				1033.5	NW	04	-07	-07	-12	1
04 UNL 15	S-			1032.3	NW	02	-17	-17	-23	7
05 UNL 15	S-			1027.2	NW	04	-12	-12	-18	3
06 UNL 10	IC			1017.3	ESE	05	-10	-11	-18	10
07 UNL 15				1010.3	NE	19	-12	-12	-18	2
08 UNL 15				1008.3	NW	05	-11	-11	-17	6
09 UNL 12	IC			1003.6	NW	03	-08	-08	-15	4
10 070 03	S-			1011.4	NW	04	-06	-06	-11	8
11 UNL 15				1023.2	SE	11	-08	-09	-15	1
12 UNL 45				1033.4	SE	10	-06	-06	-11	2
13 UNL 45				1033.3	SE	04	-04	-04	-11	0
14 050 15				1028.2	SE	11	-02	-03	-08	8
15 120 02	IF			1027.0	NW	04	07	07	03	10
16 020 15	S-			1028.1	NNE	07	07	07	03	9
17 UNL 15				1030.7	NE	18	06	06	02	1
18 035 15				1028.5	NW	04	18	17	12	9
19 040 15				1025.7	NW	04	10	10	04	9
20 015 01	S-			1018.0	SE	04	17	16	12	9
21 UNL 15				1014.6	NW	06	02	02	-04	4
22 012 12	S-			1015.0	NW	05	11	11	07	10
23 050 15				1010.7	NE	17	19	18	14	9
24 100 15				1011.4	C	00	17	16	12	8
25 070 05	S-			1012.5	C	00	16	15	11	9
26 017 15	S-			1010.7	C	00	18	17	14	10
27 055 04	S-			1010.8	NW	07	17	17	14	10
28 035 08	S-			1012.3	NW	08	14	14	11	10
29 050 10	S-			1013.4	NW	05	12	12	08	10
30 025 15	S-			1009.4	W	07	14	14	11	10
31 UNL 15				1008.6	NE	03	13	13	10	3

AVG 1019.5 06 03 03 -02 06

Date	Clouds (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deck Point (°F)	Sky Cover (brnds)
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RESOLUTE NWT
MAY 1959 0600 CST

01 UNL 00	1/2IF			1024.6	NW	04	-11	-11	-16	6
02 UNL 45				1031.3	NE	02	-05	-06	-10	0
03 UNL 15				1033.8	C	00	-05	-05	-10	1
04 UNL 15				1032.9	W	04	-16	-17	-23	2
05 UNL 15				1026.0	NW	02	-15	-15	-21	2
06 UNL 10	IC			1016.7	E	08	-07	-08	-13	7
07 150 10				1010.0	NE	11	-11	-11	-19	8
08 UNL 15				1007.9	NW	03	-09	-09	-15	2
09 080 08	S-			1003.6	NW	06	-07	-07	-13	9
10 180 08	S-			1013.1	NW	02	-06	-06	-12	9
11 UNL 15				1023.1	SE	09	-06	-06	-12	1
12 UNL 45				1034.1	SE	11	-05	-05	-11	1
13 UNL 45				1032.7	SE	06	-01	-02	-08	0
14 060 15				1028.3	SE	12	07	07	01	9
15 120 04	S-IF			1027.3	NW	04	-01	-01	-06	10
16 018 15				1028.6	NE	12	08	08	04	10
17 UNL 15				1030.9	NE	22	07	07	03	1
18 UNL 15				1028.4	NE	07	13	12	05	2
19 008 15				1023.7	C	00	12	11	06	8
20 010 01	F			1016.5	SE	02	19	17	12	10
21 UNL 15				1014.7	NW	04	02	02	-04	8
22 090 08	S-			1013.5	N	18	12	12	08	9
23 055 15				1010.6	SE	03	20	19	15	9
24 070 15				1011.7	SE	06	17	17	14	9
25 010 03	S-			1012.5	C	00	18	17	13	10
26 020 08	S-			1010.6	C	00	17	17	13	10
27 010 04	S-			1014.8	C	00	17	17	14	10
28 035 08	S-			1013.0	NW	06	15	15	12	10
29 050 08	S-			1012.8	NW	06	13	13	10	10
30 025 10	S-			1009.5	WSW	08	14	14	11	10
31 UNL 15				1007.7	NE	17	14	14	10	4

AVG 1019.5 07 04 04 -01 06

RESOLUTE NWT
MAY 1959 0900 CST

01 UNL 15				1026.2	NW	01	-06	-06	-12	4
02 UNL 45				1031.4	NW	05	-03	-04	-09	1
03 UNL 15				1033.8	NW	05	-04	-04	-10	0
04 180 15				1032.5	NW	02	-13	-14	-19	8
05 UNL 15				1024.1	C	00	-07	-07	-13	3
06 UNL 15				1015.2	ENE	11	-08	-08	-14	5
07 UNL 04	IC			1009.5	NE	07	-05	-06	-12	6
08 UNL 15				1007.5	NW	04	-09	-09	-15	2
09 UNL 15				1003.9	NW	05	-07	-07	-14	7
10 180 08	S-			1014.8	C	00	-01	-01	-06	10
11 UNL 15				1026.9	SE	13	-04	-04	-09	3
12 UNL 45				1034.5	SE	13	-03	-03	-08	2
13 UNL 45				1031.6	SE	09	02	02	-04	0
14 080 45				1027.7	SE	07	09	09	04	10
15 UNL 10	S-			1027.4	NE	12	05	05	00	3
16 015 15	IC			1029.0	ENE	12	08	08	03	10
17 UNL 15				1030.9	ENE	14	11	11	05	1
18 UNL 45				1027.8	NE	07	17	16	11	1
19 180 04	F			1025.0	SE	04	10	10	06	9
20 014 06	S-			1015.4	W	05	19	19	16	10
21 200 45				1015.4	NW	05	03	03	-01	7
22 UNL 15				1012.5	NNE	18	15	15	03	3
23 UNL 45				1010.5	SSE	03	20	18	11	1
24 070 15				1011.8	SE	04	16	16	12	10
25 025 03	S-			1012.7	NW	02	18	18	15	10
26 055 06	S-			1010.5	S	02	20	20	17	10
27 020 02	S-			1010.9	NW	06	17	17	15	10
28 026 10	S-			1013.5	NW	06	16	16	12	10
29 045 10	S-			1011.4	NW	09	16	16	12	10
30 030 15	S-			1009.7	WSW	02	16	16	12	10
31 UNL 15				1007.3	NE	20	17	17	13	2

AVG 1019.4 07 06 06 01 06

Date	Clouds (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deck Point (°F)	Sky Cover (brnds)
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RESOLUTE NWT
MAY 1959 1200 CST

01 UNL 05	IF			1027.4	SE	03	-05	-05	-10	8
02 UNL 45				1031.8	SE	04	-02	-02	-09	1
03 UNL 15	IC			1033.6	NW	07	-02	-03	-09	0
04 UNL 15				1032.3	NW	08	-09	-10	-15	2
05 200 10	IC			1023.1	NW	02	-05	-05	-11	9
06 190 10				1014.2	ENE	16	-05	-05	-10	9
07 UNL 10				1008.9	NNE	10	-06	-07	-13	4
08 100 05	S-			1006.7	NW	04	-07	-07	-13	8
09 090 15				1004.7	NW	08	-05	-05	-11	9
10 150 08	S-			1016.5	SE	05	01	01	-06	10
11 UNL 15	IC			1028.3	SE	12	-01	-01	-06	3
12 UNL 15				1034.7	SE					

SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Wind Sub. (°)	Dew Point (°F)	Sea Sub. (°F)	Sky Cover (percent)
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RESOLUTE NWT
JUNE 1959 0000 CST

01 090 15			1005.5 NE 17 23 23 20 9							
02 150 15			1009.5 E 10 26 25 22 9							
03 003 10			1007.5 WNW 06 22 21 17 10							
04 006 15			1012.2 C 00 22 21 17 8							
05 003 15			1015.6 W 09 21 19 16 10							
06 004 06	ZL-		1012.7 WSW 02 19 19 15 10							
07 035 10			1011.4 ESE 30 24 24 22 10							
08 015 10	S-		1013.8 SE 20 29 29 10							
09 012 15			1017.5 ESE 15 23 24 22 10							
10 001 00	1/8ZL-F		1005.0 SSE 15 30 30 30 10							
11 015 15			1011.2 WSW 10 24 23 20 10							
12 014 45			1012.8 NW 04 25 24 22 10							
13 002 00	1/4F		1017.2 SE 04 23 22 20 10							
14 UNL 15			1017.3 E 20 24 23 20 5							
15 UNL 45			1018.7 ENE 20 24 23 19 3							
16 060 05	R-		1024.0 ESE 30 33 33 32 10							
17 UNL 45			1027.6 ESE 14 32 31 29 6							
18 UNL 45			1022.7 NE 22 33 32 29 4							
19 008 15			1022.9 NW 21 32 31 29 4							
20 003 15			1021.3 WNW 06 32 32 31 10							
21 008 15			1013.0 NNW 15 30 29 27 10							
22 014 15			1010.4 NNW 08 30 29 27 8							
23 030 15			1009.8 ESE 13 30 29 28 8							
24 025 15			1017.9 C 00 26 25 23 6							
25 UNL 15			1026.4 NE 16 36 33 29 4							
26 180 45			1026.8 NE 26 34 33 30 9							
27 UNL 45			1026.3 NE 12 39 36 32 3							
28 140 45			1022.4 NNW 02 41 38 35 7							
29 UNL 45			1012.7 NNE 36 38 36 33 5							
30 UNL 45			1006.1 NNE 30 40 38 35 4							

AVG 1015.7 14 29 28 26 08

RESOLUTE NWT
JUNE 1959 0300 CST

01 012 15			1005.1 NE 12 21 20 17 10							
02 030 02	S-		1004.5 SE 07 23 23 21 10							
03 002 00	1/8S-F		1007.4 WNW 06 22 21 19 10							
04 010 15			1013.2 SE 04 19 19 15 9							
05 003 15			1015.6 WNW 10 20 19 15 9							
06 004 04	ZL-F		1012.6 W 03 19 19 17 10							
07 020 15			1011.2 E 06 25 25 23 10							
08 020 15			1015.7 E 08 28 27 25 10							
09 020 10	S-		1015.7 E 18 27 26 24 10							
10 001 00	1/2ZL-F		1005.6 SW 20 29 29 10							
11 020 15	S-		1011.4 SW 13 23 22 19 10							
12 015 15			1013.4 N 08 23 22 19 10							
13 002 00	1/4F		1017.5 SE 04 23 22 21 10							
14 070 45			1016.8 ESE 30 26 25 23 6							
15 200 45			1019.7 ENE 26 33 25 22 8							
16 015 15	R-		1024.7 ESE 27 33 33 32 10							
17 200 45			1026.9 ESE 15 31 30 28 8							
18 UNL 45			1022.7 NE 23 29 28 26 2							
19 030 05	S-		1022.9 NW 13 30 28 9							
20 002 00	1/8S-F		1020.1 WNW 10 31 31 30 10							
21 013 12			1013.1 NW 17 30 30 29 9							
22 UNL 15			1010.2 N 12 28 27 25 7							
23 022 15			1010.5 SE 07 31 30 27 9							
24 065 15			1019.1 ESE 05 34 32 28 8							
25 UNL 45			1026.4 NE 19 35 32 28 1							
26 UNL 45			1024.9 NNE 30 34 32 30 8							
27 UNL 45			1026.3 NE 15 40 35 27 2							
28 UNL 45			1021.0 NE 13 40 37 32 1							
29 UNL 45			1012.7 NNE 35 39 35 29 7							
30 UNL 45			1005.8 NNE 38 40 38 34 1							

AVG 1015.8 16 29 28 25 08

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Wind Sub. (°)	Dew Point (°F)	Sea Sub. (°F)	Sky Cover (percent)
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RESOLUTE NWT
JUNE 1959 0600 CST

01 180 15			1004.6 NE 11 20 20 17 8							
02 025 06	S-		1005.4 S 04 22 21 19 10							
03 003 11	S-		1007.3 NW 06 22 21 19 10							
04 012 10	S-		1014.2 SE 06 20 20 17 10							
05 015 15			1014.8 WNW 10 20 20 16 10							
06 005 12			1012.6 SE 02 19 19 16 10							
07 025 15			1011.5 ESE 29 27 26 25 10							
08 020 15			1017.2 S 14 26 26 24 9							
09 020 15			1019.1 ESE 26 30 29 27 9							
10 060 01	1/4S-F		1008.3 SW 25 25 25 24 10							
11 020 15			1010.7 S 10 23 22 19 10							
12 013 15			1019.9 NW 12 23 22 19 10							
13 002 00	1/4S-F		1017.3 SE 08 25 24 23 10							
14 UNL 15			1016.7 ENE 26 25 24 22 0							
15 100 15			1021.0 ENE 26 29 28 25 9							
16 015 15	R-		1025.9 ESE 26 33 33 32 10							
17 180 45			1026.5 ESE 05 33 31 29 9							
18 UNL 45			1023.4 NNE 16 32 30 28 2							
19 025 05	S-		1027.5 NW 16 30 30 28 10							
20 003 00	3/4S-F		1018.9 WNW 08 32 32 31 10							
21 200 15			1013.3 NNW 14 29 28 26 9							
22 005 08	SG-		1009.3 NNW 07 29 29 27 9							
23 025 12			1011.6 E 08 32 31 28 9							
24 008 15	S-		1020.7 NW 12 33 32 30 10							
25 UNL 45			1027.3 NE 14 35 33 29 1							
26 090 45			1026.7 NNE 25 34 33 32 9							
27 UNL 45			1026.2 C 00 45 40 33 2							
28 UNL 45			1020.7 NW 11 42 38 31 2							
29 UNL 45			1012.1 N 28 39 35 30 7							
30 UNL 45			1006.0 NE 33 41 39 35 1							

AVG 1016.0 15 29 28 25 08

RESOLUTE NWT
JUNE 1959 0900 CST

01 UNL 15			1003.7 NW 04 20 19 15 5							
02 018 07	S-		1006.4 SSE 07 22 21 18 10							
03 030 04	S-		1007.1 NW 08 23 22 19 10							
04 020 15	S-		1015.0 SE 02 21 21 19 10							
05 004 06	S-F		1014.1 WNW 16 22 22 20 10							
06 025 15			1012.4 ESE 05 20 20 17 10							
07 025 15			1011.7 SE 25 29 28 25 9							
08 020 45			1018.2 SSW 14 23 23 20 9							
09 025 15			1011.5 ESE 26 32 31 30 9							
10 012 15			1009.6 SSW 18 24 24 22 10							
11 030 15			1010.2 SE 09 25 24 22 9							
12 010 15	ZL-		1019.1 WNW 04 23 22 19 10							
13 030 10	S-		1017.6 SSE 05 24 24 21 10							
14 UNL 15			1016.5 E 26 29 28 26 4							
15 020 15			1022.4 E 35 31 30 29 8							
16 070 15			1026.8 ESE 24 34 33 32 10							
17 UNL 45			1025.9 WNW 05 33 32 29 3							
18 UNL 45			1023.1 N 29 33 32 30 7							
19 010 15			1022.5 NW 18 32 31 30 10							
20 020 15			1017.5 WNW 11 33 32 31 10							
21 UNL 15			1012.5 NNW 14 30 29 28 10							
22 UNL 12			1008.5 W 05 30 29 27 8							
23 UNL 10			1012.7 E 08 33 31 29 2							
24 005 10			1022.4 SE 15 34 33 32 10							
25 UNL 15			1027.3 NE 22 37 35 31 1							
26 080 15			1026.4 NE 30 36 34 32 9							
27 UNL 45			1025.8 NE 09 47 40 31 3							
28 UNL 45			1016.6 NNE 24 43 40 37 3							
29 180 15			1011.0 N 22 41 39 36 8							
30 UNL 45			1005.7 NE 37 45 41 37 1							

AVG 1016.0 16 30 29 26 08

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Wind Sub. (°)	Dew Point (°F)	Sea Sub. (°F)	Sky Cover (percent)
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RESOLUTE NWT
JUNE 1959 1200 CST

01 070 15			1003.3 ENE 13 25 23 19 9							
02 020 07	S-		1007.1 SE 05 22 21 18 10							
03 025 03	S-		1007.6 WNW 02 25 24 23 10							
04 018 15			1015.6 C 00 23 23 20 10							
05 004 08			1013.6 NW 14 23 25 23 10							
06 025 15			1012.2 ESE 10 24 23 19 10							
07 100 02	S-		1012.1 ESE 30 32 31 30 10							
08 010 45			1019.2 S 14 23 23 20 9							
09 005 01	S-		1009.7 ESE 26 32 32 31 10							
10 013 15	S-		1010.5 SW 17 26 25 23 9							
11 030 12	ZL-		1010.1 SE 10 26 25 22 10							
12 UNL 10	F		1015.6 NW 03 24 24 22 6							
13 050 15			1017.3 SE 09 26 25 23 9							
14 UNL 45			1015.9 E 28 31 30 27 2							
15 035 15			1023.7 E 30 34 33 31 10							
16 070 15			1027.8 E							

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Ceiling (100's ft)	Visibility (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 NWT
JANUARY 1959 0100 PST

01 UNL 15	1032.6	NW	14	-36	0		
02 070 15	1032.4	W	10	-26	-26	-34	8
03 UNL 15	1034.3	N	14	-41	2		
04 020 00	1039.1	NE	22	-32	-32	-39	8
05 010 12	1020.6	ESE	14	-08	-08	-14	6
06 010 06	1023.5	ENE	24	-05	-05	-10	8
07 020 15	1052.0	E	18	-15	-15	-21	8
08 020 15	1042.2	SW	08	-22	-22	-29	6
09 UNL 15	1038.4	E	14	-25	-25	-33	0
10 UNL 15	1036.0	E	14	-17	-17	-23	0
11 UNL 15	1034.4	SE	10	-16	-16	-22	0
12 UNL 15	1028.0	NNW	14	-24	-24	-31	0
13 UNL 15	1027.8	NNW	12	-20	-20	-27	0
14 UNL 15	1036.3	N	12	-23	-23	-30	0
15 UNL 15	1037.8	E	12	-22	-22	-29	0
16 UNL 15	1031.0	E	14	-23	-23	-30	0
17 UNL 15	1027.6	SE	14	-20	-20	-27	0
18 UNL 15	1026.2	SE	06	-24	-24	-31	0
19 UNL 00	1031.3	NNW	27	-27	-27	-35	0
20 UNL 15	1025.3	N	14	-28	-28	-36	0
21 060 00	1034.1	N	30	-11	-11	-17	10
22 UNL 02	1027.6	N	24	-23	-23	-30	2
23 UNL 15	1030.5	E	16	-26	-26	-34	0
24 UNL 15	1026.5	NW	18	-17	-17	-23	4
25 080 15	1024.0	NW	16	-20	-20	-27	8
26 010 15	1018.8	N	14	-06	-06	-11	10
27 UNL 15	1024.7	N	16	-25	-25	-33	0
28 UNL 15	1026.8	N	12	-23	-23	-30	2
29 UNL 15	1029.9	SE	04	-16	-16	-22	0
30 UNL 15	1021.9	SE	18	-18	-18	-25	0
31 UNL 15	1015.2	NW	08	-17	-17	-24	0
AVG	1029.6		15	-21	-21	-26	03

Date	Ceiling (100's ft)	Visibility (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 NWT
JANUARY 1959 0700 PST

01 UNL 15	1036.8	W	10	-33	-33	-39	0
02 070 15	1028.8	WSW	08	-24	-24	-32	2
03 UNL 15	1037.4	NE	10	-42	0		
04 020 00	1034.4	N	30	-28	-28	-36	8
05 010 15	1019.9	E	14	-03	-03	-09	10
06 UNL 06	1024.4	NE	24	-20	-10	-15	10
07 020 15	1025.3	E	08	-13	-13	-19	10
08 020 15	1042.4	SW	02	-22	-22	-29	10
09 UNL 15	1037.3	NW	04	-17	-17	-23	0
10 UNL 15	1035.7	E	12	-21	-21	-28	0
11 UNL 15	1033.2	SE	12	-15	-15	-21	0
12 UNL 06	1025.0	N	25	-15	-15	-22	0
13 UNL 15	1027.7	N	18	-15	-15	-21	2
14 UNL 15	1037.4	N	12	-24	-24	-31	0
15 UNL 15	1036.1	E	12	-16	-16	-23	0
16 UNL 15	1029.2	SE	12	-22	-22	-29	0
17 UNL 15	1027.5	SE	04	-22	-22	-29	0
18 UNL 15	1026.1	N	04	-24	-24	-31	0
19 UNL 06	1032.1	N	24	-27	-27	-35	0
20 UNL 00	1026.7	N	24	-26	-26	-34	0
21 050 03	1033.2	N	30	-11	-12	-17	10
22 UNL 15	1027.0	N	14	-20	-20	-26	0
23 050 15	1031.8	NE	10	-19	-19	-26	10
24 070 15	1024.5	NE	16	-19	-20	-26	8
25 070 15	1017.4	N	22	-08	-08	-13	10
26 010 15	1020.9	N	18	-10	-10	-15	10
27 UNL 15	1025.3	NE	12	-26	-26	-34	0
28 UNL 15	1028.5	NE	10	-26	-26	-34	0
29 UNL 15	1029.1	SE	14	-22	-22	-29	0
30 UNL 15	1018.2	E	16	-13	-13	-19	0
31 UNL 15	1017.1	N	18	-24	-24	-31	2
AVG	1029.2		15	-20	-20	-26	03

Date	Ceiling (100's ft)	Visibility (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 NWT
JANUARY 1959 1300 PST

01 UNL 15	1036.6	W	12	-29	-29	-38	8
02 070 15	1027.1	W	16	-24	-24	-32	6
03 UNL 02	1040.0	NE	20	-44	4		
04 010 00	1028.7	N	32	-22	-22	-29	10
05 010 15	1022.2	E	08	00	00	-05	10
06 070 15	1026.0	NE	22	-13	-13	-17	10
07 020 15	1038.9	SW	08	-15	-15	-21	10
08 UNL 15	1041.1	C	00	-22	-22	-29	0
09 UNL 15	1036.9	SE	08	-13	-13	-19	2
10 UNL 15	1035.1	NE	06	-15	-15	-23	0
11 UNL 15	1033.5	E	12	-13	-13	-20	0
12 UNL 15	1026.6	NE	12	-22	-22	-29	0
13 UNL 15	1029.5	N	26	-18	-18	-24	4
14 UNL 15	1037.8	N	12	-25	-25	-33	0
15 UNL 15	1033.9	E	08	-18	-18	-25	0
16 UNL 15	1028.3	SE	16	-20	-20	-27	0
17 UNL 15	1027.8	S	10	-25	-25	-33	0
18 UNL 15	1027.0	NW	10	-29	-29	-36	0
19 UNL 15	1030.0	NW	12	-28	-28	-36	3
20 070 00	1029.9	N	42	-14	-14	-20	7
21 070 04	1032.0	N	24	-19	-19	-26	8
22 020 15	1027.3	NE	16	-25	-25	-33	10
23 UNL 15	1031.1	NE	12	-24	-24	-32	2
24 070 15	1024.9	N	16	-24	-24	-31	0
25 010 00	1013.9	NW	30	-09	-10	-15	10
26 010 15	1022.5	N	14	-13	-13	-19	10
27 UNL 15	1025.8	N	10	-28	-29	-36	0
28 UNL 15	1026.8	NE	08	-24	-24	-31	0
29 UNL 15	1027.6	SE	16	-21	-21	-28	0
30 UNL 15	1015.9	S	24	-15	-15	-22	0
31 UNL 15	1023.4	N	18	-29	-29	-38	1
AVG	1029.4		15	-21	-21	-27	04

Date	Ceiling (100's ft)	Visibility (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 NWT
JANUARY 1959 1900 PST

01 UNL 15	1035.2	W	10	-29	-29	-37	3
02 UNL 15	1041.7	NNW	14	-40	2		
03 UNL 15	1041.7	NE	04	-38	2		
04 000 00	1022.1	NNE	40	-14	-14	-20	10
05 010 15	1024.3	NE	08	-06	-06	-11	10
06 020 15	1028.5	NE	20	-15	-15	-22	8
07 020 15	1041.7	SW	08	-19	-19	-26	10
08 UNL 15	1039.8	NE	08	-21	-21	-28	0
09 UNL 15	1036.1	E	12	-15	-15	-22	0
10 UNL 15	1034.5	E	10	-14	-14	-20	0
11 UNL 15	1031.4	NE	12	-17	-17	-25	0
12 UNL 15	1027.7	NE	08	-25	-25	-33	0
13 010 10	1032.9	NE	28	-16	-16	-23	6
14 UNL 15	1038.2	NE	12	-23	-23	-30	0
15 UNL 15	1032.3	C	00	-17	-17	-25	0
16 UNL 15	1027.8	SE	14	-20	-20	-27	0
17 UNL 15	1026.7	SE	10	-25	-25	-33	0
18 UNL 15	1029.7	N	20	-27	-27	-35	2
19 UNL 15	1026.1	N	20	-28	-28	-36	0
20 070 00	1034.1	N	36	-16	-16	-22	6
21 UNL 00	1029.1	N	32	-21	-21	-28	2
22 UNL 15	1028.9	NE	16	-26	-26	-34	4
23 070 15	1029.0	N	12	-19	-19	-26	8
24 070 15	1025.8	NNW	16	-20	-20	-27	10
25 010 15	1016.4	NNW	12	-08	-08	-14	10
26 010 15	1023.6	N	12	-15	-15	-22	10
27 UNL 15	1028.9	E	14	-22	-22	-29	3
28 UNL 15	1030.1	E	04	-15	-15	-21	0
29 UNL 15	1025.0	SE	18	-20	-20	-27	0
30 UNL 15	1014.7	SW	12	-15	-15	-21	3
31 UNL 15	1027.4	N	14	-30	-30	-38	5
AVG	1029.5		14	-21	-21	-27	04

SACHS HARBOUR NWT
JANUARY 1959 0400 PST

01 UNL 15	1035.4	NW	12	-32	-32	-39	0
02 070 15	1031.0	WSW	10	-22	-22	-30	6
03 UNL 15	1036.0	N	14	-42	2		
04 020 00	1037.2	NNE	28	-29	-29	-35	8
05 010 15	1020.5	E	15	-05	-05	-10	10
06 010 00	1023.4	NE	44	-10	-10	-15	6
07 020 15	1034.1	E	14	-12	-12	-18	10
08 020 15	1042.6	SW	06	-20	-20	-27	6
09 UNL 15	1037.8	SE	05	-18	-18	-25	0
10 UNL 15	1036.1	ENE	12	-20	-20	-27	0
11 UNL 15	1034.0	E	16	-15	-15	-21	0
12 UNL 15	1026.4	N	23	-15	-15	-21	0
13 UNL 15	1028.2	N	20	-18	-18	-24	0
14 UNL 15	1037.4	N	14	-25	-25	-33	0
15 UNL 15	1036.7	NE	12	-18	-18	-24	0
16 UNL 15	1029.7	ESE	15	-20	-20	-27	0
17 UNL 15	1027.6	SE	18	-20	-20	-27	0
18 UNL 15	1026.1	SE	02	-23	-23	-36	0
19 UNL 06	1032.3	N	24	-27	-27	-35	0
20 UNL 00	1025.3	N	24	-26	-26	-34	0
21 060 00	1033.7	N	27	-11	-11	-17	10
22 UNL 15	1027.7	N	16	-27	-27	-35	0
23 070 15	1031.5	NE	14	-22	-22	-30	7
24 070 15	1026.1	N	16	-19	-19	-26	6
25 070 15	1021.2	W	16	-11	-11	-17	10
26 UNL 15	1019.4	N	18	-09	-09	-14	2
27 UNL 15	1023.5	NE	14	-24	-24	-31	0
28 UNL 15	1028.1	NE	12	-24	-24	-31	0
29 UNL 15	1023.5	SE	16	-19	-19	-24	0
30 UNL 15	1020.3	SE	16	-14	-14	-20	0
31 070 15	1016.1	NW	08	-16	-16	-22	8
AVG	1029.6		16	-20	-20	-26	03

SACHS HARBOUR NWT
JANUARY 1959 1000 PST

01 UNL 15	1036.9	W	12	-31	-31	-40	0
02 070 15	1027.7	W	14	-24	-24	-31	9
03 UNL 10	1039.4	NE					

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

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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SACHS HARBOUR NMT
FEBRUARY 1959 0100 PST

01 UNL 15	1027.6 NE	10	-30	-30	-38	0				
02 UNL 15	1019.7 NW	10	-33	-33	-39	0				
03 UNL 10	1014.6 NW	14	-25	-25	-33	0				
04 UNL 15	1024.8 N	14	-27	-27	-33	0				
05 UNL 15	1026.2 N	10	-26	-26	-32	0				
06 UNL 15	1022.3 SE	14	-23	-23	-30	0				
07 UNL 15	1023.3 N	06	-26	-26	-34	0				
08 UNL 15	1022.6 S	04	-18	-18	-24	3				
09 010 12	1019.8 C	00	-12	-12	-18	10				
10 UNL 15	1023.1 E	06	-23	-23	-31	0				
11 UNL 00	3/4BS 998.4 SE	26	-18	-18	-24	2				
12 UNL 15	1015.6 NE	14	-28	-28	-36	0				
15 070 15	1016.6 SSE	14	-22	-22	-30	10				
14 010 06	S- 1004.9 SE	14	-10	-10	-16	10				
15 010 15	1005.7 NW	08	-10	-10	-16	10				
16 UNL 15	1022.7 C	00	-23	-23	-30	0				
17 070 08	1015.3 E	24	-06	-07	-11	8				
18 UNL 15	1003.6 SE	20	-05	-05	-10	0				
19 UNL 15	1008.8 SE	12	-09	-06	-12	0				
20 080 02	BS 1005.1 SE	30	-02	-02	-08	8				
21 010 02	S- 1002.7 SE	12	-03	-03	-08	10				
22 010 12	S- 1007.2 C	00	-07	-07	-13	10				
23 010 02	S- 1004.2 NW	10	-11	-12	-17	10				
24 080 15	1009.3 NW	18	-22	-22	-30	6				
25 UNL 15	1010.8 W	03	-31	-32	-41	0				
26 UNL 15	1010.8 C	00	-29	-29	-38	0				
27 UNL 15	1007.8 SE	12	-27	-27	-35	0				
28 UNL 15	1001.3 S	08	-26	-26	-34	0				

AVG 1013.4 11 -19 -19 -26 04

SACHS HARBOUR NMT
FEBRUARY 1959 0400 PST

01 UNL 15	1027.2 N	08	-32	-32	-39	0				
02 UNL 15	1019.1 NW	12	-31	-31	-38	0				
03 UNL 10	1015.1 NW	14	-25	-25	-33	0				
04 020 15	1025.7 N	12	-24	-24	-30	10				
05 UNL 15	1025.5 N	14	-13	-13	-19	0				
06 070 15	1019.4 SW	18	-27	-27	-34	0				
07 UNL 15	1023.1 NW	08	-26	-26	-34	0				
08 UNL 15	1022.6 SW	04	-23	-23	-30	2				
09 010 15	1020.8 N	03	-15	-15	-22	8				
10 UNL 15	1020.5 SE	10	-24	-24	-32	0				
11 UNL 10	997.9 SE	18	-15	-15	-21	2				
12 UNL 15	1019.2 SE	12	-24	-24	-32	0				
13 070 10	1014.1 SSE	18	-23	-23	-30	10				
14 010 12	1005.4 SE	10	-10	-10	-15	10				
15 008 12	1008.3 NW	08	-11	-11	-17	10				
16 UNL 15	1023.6 C	00	-24	-24	-31	0				
17 UNL 15	1012.7 ESE	22	-07	-07	-13	3				
18 030 15	1003.2 SE	20	-04	-04	-09	7				
19 UNL 15	1009.6 SE	08	-03	-04	-09	0				
20 080 15	1004.6 SE	24	-03	-03	-08	7				
21 008 02	S- 1002.4 SE	12	-03	-03	-08	10				
22 010 12	S- 1007.5 C	00	-07	-08	-13	10				
23 010 02	S- 1004.3 NW	12	-11	-11	-17	10				
24 UNL 15	1009.5 NW	16	-26	-26	-34	4				
25 UNL 15	1010.5 W	06	-33	-33	-42	0				
26 UNL 15	1010.6 SE	06	-28	-28	-36	0				
27 UNL 15	1007.5 SE	08	-26	-26	-34	0				
28 UNL 15	1000.3 S	10	-28	-29	-36	0				

AVG 1013.2 11 -18 -19 -25 04

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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SACHS HARBOUR NMT
FEBRUARY 1959 0700 PST

01 UNL 15	1024.1 N	08	-32	-32	-39	0				
02 UNL 15	1017.9 SW	06	-28	-28	-34	4				
03 UNL 15	1016.8 NW	12	-27	-27	-35	0				
04 020 03	BS 1026.1 NE	20	-20	-20	-27	10				
05 UNL 15	1026.3 N	16	-18	-18	-24	0				
06 070 15	1018.9 SW	10	-11	-11	-17	10				
07 UNL 15	1022.4 N	06	-26	-27	-34	0				
08 UNL 15	1021.5 C	00	-22	-22	-30	2				
09 UNL 15	1021.5 N	06	-18	-18	-24	4				
10 UNL 15	1017.1 SE	12	-27	-27	-35	3				
11 UNL 15	998.4 E	18	-21	-21	-28	1				
12 UNL 15	1021.1 C	00	-21	-21	-28	0				
13 000 00	1/2S-BS 1011.3 SE	20	-17	-17	-22	10				
14 010 10	S- 1005.2 SE	08	-09	-09	-14	10				
15 008 12	S- 1011.1 NW	10	-14	-14	-20	10				
16 UNL 15	1023.3 E	06	-25	-25	-33	0				
17 UNL 08	1009.5 SE	30	-02	-02	-08	4				
18 UNL 15	1003.1 SE	16	-03	-03	-09	3				
19 UNL 15	1009.3 S	06	-03	-03	-09	0				
20 070 15	1004.0 SE	26	-04	-04	-12	10				
21 008 02	S- 1002.4 SE	10	-04	-04	-09	10				
22 010 15	S- 1007.3 C	00	-10	-10	-15	8				
23 010 08	S- 1004.8 NW	18	-16	-16	-22	8				
24 090 15	1010.3 NW	16	-26	-27	-34	6				
25 008 08	1010.2 W	08	-32	-32	-42	6				
26 010 12	1010.4 SE	08	-27	-28	-35	7				
27 UNL 15	1006.7 C	00	-24	-24	-31	0				
28 UNL 15	998.7 S	10	-29	-29	-37	0				

AVG 1012.9 11 -19 -19 -25 05

SACHS HARBOUR NMT
FEBRUARY 1959 1000 PST

01 UNL 15	1021.6 NE	12	-33	-33	-39	3				
02 010 15	1015.9 SE	02	-28	-28	-34	10				
03 UNL 15	1017.9 N	14	-28	-28	-36	0				
04 UNL 15	1026.2 NE	14	-23	-23	-30	1				
05 020 15	1026.0 N	10	-20	-20	-27	6				
06 008 12	1018.6 SW	04	-10	-10	-15	10				
07 UNL 15	1022.0 N	08	-26	-27	-34	0				
08 UNL 15	1021.1 C	00	-19	-19	-26	0				
09 UNL 15	1022.7 N	06	-22	-22	-29	3				
10 010 15	1013.4 SE	12	-25	-25	-33	10				
11 UNL 15	998.8 E	14	-23	-23	-30	0				
12 UNL 15	1022.4 SE	14	-22	-22	-29	3				
13 010 06	BS 1009.4 SE	20	-05	-05	-10	10				
14 010 12	1004.2 E	02	-07	-07	-13	10				
15 008 12	1013.7 NW	12	-15	-15	-21	10				
16 UNL 15	1023.3 E	12	-25	-25	-33	0				
17 070 04	BS 1007.8 E	34	-02	-02	-07	6				
18 UNL 15	1003.7 E	08	-04	-04	-09	2				
19 UNL 15	1009.4 E	12	-02	-02	-08	0				
20 015 15	1003.7 SE	22	-05	-05	-10	10				
21 010 06	S- 1003.7 SE	06	-04	-04	-10	10				
22 010 15	S- 1007.4 SE	08	-09	-09	-16	8				
23 UNL 15	1005.7 NW	20	-20	-20	-27	6				
24 UNL 15	1011.2 W	14	-28	-28	-36	2				
25 UNL 15	1010.0 W	06	-32	-32	-42	4				
26 030 15	1009.8 SE	12	-27	-27	-35	6				
27 UNL 15	1005.3 C	00	-21	-21	-28	0				
28 UNL 15	998.7 S	09	-25	-25	-33	0				

AVG 1012.6 11 -19 -19 -25 05

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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SACHS HARBOUR NMT
FEBRUARY 1959 1300 PST

01 UNL 15	1020.9 NE	12	-33	-33	-39	2				
02 UNL 15	1014.1 W	01	-25	-25	-33	2				
03 UNL 15	1019.2 N	16	-27	-27	-35	0				
04 UNL 15	1026.8 N	14	-26	-26	-34	0				
05 UNL 15	1026.5 NE	10	-20	-20	-27	3				
06 010 15	1019.1 NW	10	-10	-10	-15	10				
07 UNL 15	1022.4 E	06	-25	-25	-33	0				
08 UNL 15	1020.6 E	06	-23	-23	-30	3				
09 UNL 15	1024.1 E	06	-26	-26	-34	1				
10 UNL 15	1009.6 SE	14	-25	-25	-33	4				
11 UNL 15	1000.6 E	14	-21	-21	-28	0				
12 UNL 15	1023.1 SE	14	-24	-24	-31	3				
13 UNL 12	1008.2 SE	18	-16	-16	-22	4				
14 015 15	1003.7 E	02	-07	-07	-12	10				
15 010 15	1017.0 NW	16	-14	-14	-20	8				
16 UNL 15	1022.9 SE	14	-23	-23	-30	0				
17 070 10	1006.9 E	26	-02	-02	-07	7				
18 UNL 15	1004.9 E	04	-02	-02	-07	1				
19 UNL 15	1009.2 E	12	00	-01	-06	3				
20 015 15	1003.5 SE	24	-05	-05	-11	10				
21 UNL 15	1004.6 SE	02	-02	-02	-08	2				
22 030 15	1006.8 E	08	-06	-07	-12	10				
23 UNL 15	1007.8 NW	18	-21	-21	-28	4				
24 UNL 15	1011.6 W	10	-26	-26	-34	0				
25 UNL 15	1010.1 W	07	-31	-31	-40	2				
26 UNL 15	1009.6 SE	12								

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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SACHS HARBOUR NWT
MARCH 1959 0100 PST

01 UNL 15	1002.6 S	06	-28	-28	-36	0				
02 UNL 15	1015.0 NW	02	-35	-35	-49	0				
03 UNL 15	1021.6 E	02	-29	-29	-49	0				
04 UNL 15	1031.0 SE	08	-27	-27	-37	0				
05 0510 15	1011.3 SE	12	-09	-09	-14	10				
06 015 10	1009.5 NNW	14	-22	-22	-30	10				
07 UNL 15	1012.9 SE	03	-25	-26	-41	1				
08 015 10	1013.9 ESE	04	-17	-17	-23	10				
09 UNL 15	1023.1 W	08	-27	-27	-32	2				
10 040 15	1025.3 N	08	-28	-28	-32	6				
11 UNL 15	1026.6 N	08	-38			0				
12 UNL 15	1021.8 C	00	-30	-30	-46	0				
13 UNL 15	1020.8 S	04	-35			0				
14 UNL 15	1012.9 WSW	12	-25	-25	-31	0				
15 UNL 15	1020.4 W	04	-32	-32	-41	0				
16 UNL 15	1020.2 S	10	-32	-32	-41	0				
17 UNL 15	1018.7 S	04	-24	-24	-31	0				
18 UNL 15	1019.9 S	20	-28	-29	-39	0				
19 UNL 15	1022.2 S	12	-30	-30	-37	0				
20 UNL 15	1025.1 S	12	-29	-29	-41	0				
21 UNL 12	1021.2 SSE	14	-20	-20	-25	0				
22 040 15	1009.7 ESE	22	-06	-06	-11	8				
23 230 15	1015.6 E	10	-15	-15	-21	8				
24 200 15	1021.0 NE	16	-18	-18	-23	8				
25 UNL 15	1025.7 E	10	-22	-22	-29	0				
26 UNL 15	1014.7 NW	08	-21	-21	-26	0				
27 UNL 15	1025.6 SSE	10	-22	-22	-29	0				
28 UNL 15	1016.7 SE	06	-07	-07	-13	0				
29 UNL 15	1015.0 S	08	-12	-12	-18	4				
30 UNL 15	1016.0 NNE	05	-19	-19	-26	0				
31 UNL 15	1018.0 NE	12	-29	-29	-35	0				
AVG	1019.0	09	-24	-24	-31	02				

SACHS HARBOUR NWT
MARCH 1959 0400 PST

01 UNL 15	1004.3 S	08	-29	-29	-37	0				
02 UNL 15	1015.4 E	02	-35	-35	-49	0				
03 UNL 15	1022.3 NE	08	-27	-28	-33	0				
04 UNL 15	1029.6 ESE	08	-21	-22	-34	0				
05 0510 15	1009.5 SSE	12	-08	-08	-13	10				
06 UNL 15	1010.9 NW	10	-28	-28	-46	4				
07 UNL 15	1012.7 E	06	-25	-26	-41	0				
08 014 10	1014.7 SE	06	-15	-15	-20	10				
09 UNL 15	1023.7 M	06	-30	-30	-34	0				
10 010 03	1025.5 NNW	10	-29	-29	-33	10				
11 UNL 15	1026.0 N	06	-39			0				
12 UNL 15	1021.7 W	02	-32	-32	-49	0				
13 UNL 15	1020.4 S	09	-36			0				
14 UNL 15	1013.0 W	10	-27	-27	-33	0				
15 UNL 15	1021.1 S	02	-34	-34	-48	0				
16 UNL 15	1020.1 S	10	-32	-32	-44	0				
17 UNL 15	1018.7 SSE	08	-25	-25	-30	0				
18 UNL 15	1020.1 SSE	18	-27	-27	-37	0				
19 UNL 15	1022.7 SSE	14	-33	-33	-39	0				
20 UNL 15	1024.7 S	14	-30	-30	-42	0				
21 UNL 12	1019.4 SSE	12	-17	-17	-22	0				
22 090 15	1009.8 ESE	22	-09	-09	-14	8				
23 230 15	1016.1 E	21	-14	-14	-19	8				
24 120 10	1021.4 NE	22	-20	-20	-26	10				
25 UNL 15	1026.7 SE	04	-22	-22	-28	0				
26 UNL 15	1026.6 C	00	-20	-20	-24	0				
27 UNL 15	1019.7 E	02	-18	-18	-24	0				
28 100 15	1017.9 SE	12	-06	-06	-11	9				
29 070 10	1014.4 SSE	06	-14	-14	-20	10				
30 030 12	1016.0 NE	10	-23	-23	-29	8				
31 UNL 15	1018.3 NNE	10	-26	-26	-32	0				
AVG	1019.0	09	-24	-24	-30	03				

SACHS HARBOUR NWT
MARCH 1959 0700 PST

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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SACHS HARBOUR NWT
MARCH 1959 0700 PST

01 UNL 15	1005.8 NNW	06	-33	-33	-42	0				
02 UNL 15	1023.7 E	09	-37			0				
03 UNL 15	1027.7 E	12	-30	-31	-31	0				
04 UNL 15	1027.7 E	09	-22	-23	-46	2				
05 010 00	1008.0 SSE	08	-08	-09	-15	10				
06 UNL 15	1011.3 NNW	04	-30	-30	-45	1				
07 UNL 15	1012.4 E	02	-23	-23	-34	4				
08 002 01	1014.8 S	12	-14	-14	-19	10				
09 UNL 15	1023.5 S	06	-29	-29	-33	3				
10 130 10	1025.9 W	08	-30	-30	-33	7				
11 UNL 15	1024.6 S	07	-38			0				
12 UNL 15	1021.4 S	03	-34	-34	-43	2				
13 UNL 15	1019.8 S	12	-38			2				
14 UNL 15	1013.7 W	12	-31	-31	-35	0				
15 100 15	1021.1 S	10	-35			10				
16 UNL 10	1019.6 S	11	-29	-29	-37	0				
17 UNL 15	1018.8 SSE	05	-26	-26	-32	1				
18 UNL 15	1020.2 S	16	-27	-27	-35	3				
19 UNL 15	1023.5 SSE	18	-34	-34	-41	0				
20 UNL 10	1024.3 S	16	-31	-31	-40	2				
21 UNL 15	1017.1 S	18	-11	-11	-16	6				
22 250 15	1010.5 E	23	-08	-08	-14	8				
23 250 15	1017.0 ENE	16	-13	-13	-20	9				
24 090 10	1022.3 NE	12	-18	-18	-24	10				
25 UNL 15	1025.7 SE	04	-21	-21	-28	1				
26 UNL 15	1024.3 C	00	-20	-20	-25	0				
27 UNL 15	1023.6 SE	06	-20	-20	-27	0				
28 230 15	1017.2 SE	10	-07	-07	-12	9				
29 120 15	1014.1 SE	10	-15	-15	-20	10				
30 250 15	1016.3 NNE	08	-24	-24	-30	10				
31 UNL 15	1018.1 NE	13	-23	-23	-33	2				
AVG	1018.9	10	-25	-25	-31	04				

SACHS HARBOUR NWT
MARCH 1959 1000 PST

01 UNL 15	1007.4 C	00	-33	-33	-42	0				
02 UNL 15	1016.7 E	10	-39			0				
03 UNL 15	1025.4 C	00	-17	-17	-23	0				
04 UNL 15	1026.3 SE	06	-19	-19	-26	0				
05 010 00	1007.1 S	06	-09	-09	-15	10				
06 UNL 15	1012.2 SW	08	-28	-28	-36	0				
07 UNL 15	1012.2 S	02	-19	-19	-26	4				
08 UNL 15	1016.0 W	10	-18	-18	-24	4				
09 070 15	1023.9 N	08	-31	-31	-38	10				
10 100 15	1026.4 W	06	-30	-30	-33	10				
11 UNL 15	1024.2 S	06	-33	-33	-39	4				
12 UNL 15	1021.7 S	02	-33	-33	-39	0				
13 UNL 00	1018.4 S	14	-36			8				
14 UNL 15	1015.1 W	12	-32	-32	-38	9				
15 UNL 15	1021.1 S	10	-31	-31	-37	2				
16 UNL 15	1019.3 E	12	-27	-27	-35	0				
17 UNL 15	1018.5 SE	06	-23	-23	-32	4				
18 UNL 15	1020.7 SE	16	-25	-25	-31	4				
19 UNL 15	1024.1 SE	18	-31	-31	-37	4				
20 UNL 10	1024.1 SE	16	-27	-27	-33	4				
21 UNL 15	1015.1 W	20	-10	-10	-15	4				
22 UNL 15	1011.3 E	20	-06	-06	-12	2				
23 090 15	1017.9 E	14	-09	-09	-16	9				
24 070 10	1023.2 NE	14	-15	-15	-21	10				
25 UNL 15	1027.2 C	00	-20	-20	-27	0				
26 UNL 15	1026.2 C	00	-15	-15	-22	0				
27 UNL 15	1023.0 NE	03	-18	-18	-24	0				
28 200 15	1016.5 E	16	-06	-06	-12	9				
29 UNL 15	1014.1 SE	04	-12	-12	-18	3				
30 UNL 15	1016.7 NE	08	-22	-22	-29	3				
31 UNL 15	1018.0 NE	12	-28	-28	-34	2				
AVG	1019.0	09	-23	-23	-29	04				

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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SACHS HARBOUR NWT
MARCH 1959 1300 PST

01 UNL 15	1009.7 SE	04	-34	-34	-40	0				
02 UNL 15	1018.1 NE	08	-36			0				
03 UNL 15	1027.4 SE	04	-22	-22	-29	0				
04 UNL 15	1024.0 SE	08	-15	-15	-21	0				
05 010 00	1006.9 C	00	-09	-09	-15	10				
06 UNL 15	1012.6 S	06	-26	-26	-34	0				
07 UNL 15	1013.0 C	00	-18	-18	-25	3				
08 UNL 15	1017.6 S	04	-20	-20	-27	5				
09 070 15	1024.3 N	08	-32	-32	-38	10				
10 UNL 15	1027.3 W	06	-32	-32	-38	4				
11 UNL 15	1024.0 S	04	-30	-30	-36	0				
12 UNL 15	1021.6 C	00	-32	-32	-38	0				
13 UNL 00	1017.4 S	14	-30	-30	-36	7				
14 UNL 15	1016.9 W	12	-29	-29	-35	0				

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NWT
APRIL 1959 0100 PST

01 UNL 15	1017.8 NE	12	-21	-22	-26	0	
02 UNL 15	1012.6 SE	16	-18	-18	-24	0	
03 UNL 15	994.9 E	20	-02	-03	-08	0	
04 070 15	1003.3 SE	08	-07	-07	-13	8	
05 UNL 15	1016.9 E	08	-15	-15	-23	1	
06 UNL 15	1021.4 SE	10	-14	-14	-21	0	
07 070 15	1025.4 S	12	-05	-05	-11	0	
08 UNL 15	1032.0 SE	14	-09	-09	-15	0	
09 UNL 07	1012.7 SE	22	10	10	06	2	
10 070 15	1003.2 SE	24	19	18	14	9	
11 010 06	1016.1 NW	06	10	10	07	10	
12 008 15	1020.9 SE	06	02	02	-02	10	
13 UNL 00	1/2F	1016.8 NW	06	-04	-04	-09	3
14 UNL 15	1021.2 SE	06	-20	-20	-27	0	
15 008 01	1021.2 N	16	-15	-15	-19	10	
16 UNL 15	1025.4 E	14	-12	-12	-18	0	
17 010 04	1024.9 SE	10	03	02	-02	10	
18 UNL 15	1027.2 E	16	-06	-06	-12	6	
19 004 00	1/85-B5	1019.3 NE	28	02	02	-03	10
20 008 15	1025.3 NE	12	-05	-05	-12	7	
21 UNL 15	1031.8 N	12	-07	-05	-13	9	
22 UNL 15	1035.8 N	20	-15	-15	-22	0	
23 UNL 15	1035.3 E	08	-05	-05	-11	0	
24 UNL 15	1025.1 SE	06	-04	-04	-12	0	
25 UNL 15	1012.8 NE	18	-14	-14	-21	0	
26 UNL 15	1011.7 E	12	-11	-11	-22	0	
27 UNL 15	1011.4 C	00	-04	-05	-10	0	
28 070 15	1007.8 SE	12	-05	-05	-11	7	
29 010 15	1010.7 NW	10	-08	-09	-15	10	
30 UNL 15	1016.5 SE	06	-08	-08	-15	0	

AVG 1018.7 12 -07 -07 -12 04

SACHS HARBOUR NWT
APRIL 1959 0400 PST

01 UNL 15	1017.7 C	00	-12	-12	-18	2
02 UNL 15	1010.9 SE	18	-08	-08	-13	0
03 UNL 15	995.5 E	22	-03	-03	-09	4
04 UNL 15	1005.1 E	08	-12	-12	-19	2
05 UNL 15	1017.8 SE	04	-13	-13	-22	1
06 070 15	1021.4 E	08	-11	-11	-18	8
07 070 15	1026.9 S	14	-06	-06	-12	10
08 UNL 15	1030.6 E	14	-06	-06	-12	0
09 UNL 15	1011.5 SE	22	10	10	06	2
10 UNL 15	1002.3 SE	26	14	13	08	1
11 008 12	1017.7 N	10	06	06	02	10
12 008 15	1020.4 S	02	05	05	01	10
13 UNL 15	1017.4 N	12	-11	-11	-17	3
14 UNL 15	1021.5 SE	02	-20	-20	-27	0
15 UNL 15	1021.3 N	12	-19	-19	-26	4
16 UNL 15	1024.3 E	18	-09	-09	-14	3
17 010 04	1025.3 E	06	04	04	-01	10
18 UNL 01	1026.5 NE	28	-08	-08	-14	3
19 006 01	1019.2 NE	22	01	01	-04	10
20 UNL 15	1026.1 NE	10	-05	-05	-10	4
21 UNL 15	1032.4 N	12	-08	-08	-14	3
22 UNL 15	1036.0 N	18	-18	-18	-24	0
23 UNL 15	1034.6 SE	10	-10	-10	-16	0
24 UNL 15	1023.0 E	04	-01	-01	-06	0
25 UNL 15	1012.4 E	16	-12	-12	-19	0
26 UNL 15	1011.6 NE	12	-12	-12	-19	0
27 006 03	1011.3 NE	02	-05	-05	-11	0
28 020 12	1007.5 SE	10	-04	-04	-09	10
29 UNL 15	1011.2 N	10	-10	-10	-16	3
30 UNL 15	1017.3 SE	06	-11	-11	-18	0

AVG 1018.6 12 -07 -07 -12 03

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NWT
APRIL 1959 0700 PST

01 UNL 15	1016.9 SE	04	-14	-14	-22	0
02 UNL 15	1009.1 SE	24	-06	-06	-12	0
03 070 15	995.3 SE	10	-07	-07	-13	7
04 070 15	1006.8 SE	10	-07	-07	-13	8
05 UNL 15	1018.2 E	10	-19	-19	-26	0
06 070 15	1021.5 SE	10	-10	-10	-16	9
07 070 15	1028.8 S	14	-05	-05	-11	9
08 080 15	1028.7 E	12	02	01	-04	8
09 070 15	1010.8 SE	24	11	11	07	9
10 010 15	1004.9 W	26	13	13	08	6
11 070 15	1018.9 N	12	02	02	-03	9
12 007 10	1019.4 S	02	07	06	02	10
13 UNL 15	1018.0 N	10	-18	-18	-25	0
14 UNL 15	1021.7 C	00	-18	-18	-24	0
15 UNL 15	1023.7 W	06	-19	-19	-26	0
16 UNL 15	1023.3 ESE	18	-05	-05	-10	7
17 008 02	1026.0 E	06	07	06	02	10
18 080 12	1025.5 NE	24	-09	-09	-15	10
19 008 04	1019.4 SE	28	01	01	-04	10
20 090 15	1027.4 NE	10	-04	-05	-10	9
21 UNL 15	1033.0 N	10	-09	-10	-16	6
22 UNL 15	1036.3 NNE	22	-11	-11	-17	0
23 UNL 15	1033.9 SE	12	-09	-10	-16	0
24 UNL 15	1021.6 E	12	-01	-01	-07	0
25 UNL 15	1012.1 SE	08	-10	-11	-17	0
26 UNL 15	1011.3 SE	08	-14	-14	-22	0
27 UNL 15	1011.0 E	02	-03	-03	-08	0
28 030 15	1007.7 N	04	-03	-03	-09	10
29 UNL 15	1011.8 N	06	-09	-09	-16	3
30 UNL 15	1018.0 C	00	-09	-09	-15	0

AVG 1018.6 11 -06 -06 -12 05

SACHS HARBOUR NWT
APRIL 1959 1000 PST

01 UNL 15	1016.9 SE	08	-13	-13	-23	0	
02 UNL 15	1006.9 SE	20	-04	-04	-10	1	
03 100 15	998.7 E	00	00	00	-05	8	
04 030 15	1009.1 E	02	-03	-03	-09	10	
05 UNL 15	1019.1 SE	06	-11	-11	-18	1	
06 070 15	1021.8 SE	08	-07	-07	-13	10	
07 UNL 15	1030.6 S	10	-05	-06	-12	3	
08 080 15	1029.7 SE	16	00	00	-07	10	
09 140 15	1010.1 SE	14	13	12	08	10	
10 010 05	1007.9 W	20	09	09	04	10	
11 070 15	1019.8 N	12	04	04	-01	8	
12 008 06	1018.0 S	16	08	08	04	10	
13 UNL 15	1018.5 N	10	-15	-15	-19	0	
14 090 15	1022.3 C	00	-15	-15	-20	10	
15 UNL 15	1022.4 C	04	-14	-14	-20	0	
16 090 15	1022.1 SE	16	-01	-01	-09	9	
17 025 02	1026.6 E	06	09	09	04	10	
18 002 00	1/8BS	1022.1 NNE	38	-03	-03	-08	10
19 012 14	1019.6 NE	18	02	01	-04	10	
20 070 15	1028.6 NE	10	01	00	-05	10	
21 UNL 15	1033.7 N	08	-07	-07	-13	6	
22 UNL 15	1036.3 NNE	12	-09	-10	-18	0	
23 UNL 15	1030.0 SE	12	-06	-06	-11	0	
24 UNL 15	1020.1 E	16	03	03	-04	0	
25 UNL 15	1012.1 E	06	-06	-06	-13	0	
26 UNL 15	1011.2 NNE	06	-08	-08	-14	0	
27 006 03	1010.5 SE	06	-03	-03	-08	10	
28 030 12	1008.2 NE	12	-03	-03	-08	10	
29 UNL 15	1012.4 NE	08	-06	-06	-11	3	
30 UNL 15	1018.6 E	10	-05	-05	-10	0	

AVG 1018.7 11 -03 -03 -09 06

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NWT
APRIL 1959 1300 PST

01 UNL 15	1017.0 SSE	18	-13	-13	-22	0
02 UNL 15	1004.8 ESE	16	03	03	-02	0
03 070 15	998.6 E	16	03	03	-04	9
04 UNL 15	1011.1 ESE	03	-02	-02	-10	1
05 UNL 15	1019.9 E	03	-07	-07	-14	0
06 030 15	1022.3 SSE	08	-04	-04	-10	10
07 UNL 15	1032.3 S	06	-03	-03	-09	0
08 080 15	1022.5 SE	24	10	09	04	10
09 100 15	1009.8 SSE	14	17	16	12	15
10 009 04	1010.4 WSW	18	10	10	06	10
11 200 15	1021.2 N	08	04	04	-01	9
12 006 02	1018.1 SW	06	10	10	07	10
13 UNL 15	1019.0 NNE	12	-15	-15	-20	0
14 070 15	1022.6 N	06	-14	-14	-18	10
15 UNL 15	1023.6 S	14	-11	-11	-16	4
16 060 15	1021.6 ESE	20	04	03	-04	10
17 090 15	1027.0 ENE	14	08	08	02	7
18 002 10	1021.8 NE	32	01	00	-05	10
19 030 10	1020.8 NE	12	05	04	-01	10
20 040 10	1029.6 NE	05	05	05	00	10
21 UNL 15	1034.4 N	20	-05	-05	-10	6
22 UNL 15	1036.6 N	12	-06	-06	-13	0
23 UNL 15	1031.9 SE	10	-03	-03	-09	0
24 UNL 15	1018.9 NE	12	04	04	-02	0
25 UNL 15	1012.2 E	12	-04	-04	-10	0
26 UNL 15	1011.5 N	08	-05	-05	-10	3
27 UNL 15	1010.5 S	06	00	00	-05	9
28 029 12	1009.1 NW	10	01	01	-03	10
29 UNL 15	1013.4 N	06	-06	-06	-11	0
30 UNL 15	1019.7 E	03	-02	-02	-08	0

AVG 1019.0 12 -01 -01 -06 05

SACHS HARBOUR NWT
APRIL 1959 1600 PST

01 UNL 15	1016.3 SE	12	-14	-14	-21	0	
02 UNL 15	1002.0 ESE	16	03	02	-02	0	
03 070 15	998.7 E	12	02	01	-05	9	
04 090 15	1013.0 SE	08	-03	-03	-11	10	
05 UNL 15	1020.1 E	04	-09	-09	-16	0	
06 UNL 15	1022.6 SE	12	-05	-05	-10	1	
07 UNL 15	1033.2 SE	06	-03	-04	-09	0	
08 090 15	1019.3 SE	22	13	12	06	10	
09 090 15	1008.7 SSE	18	19	18	13	10	
10 010 06	1012.1 WSW	20	10	10	06	10	
11 080 25	1021.4 NNE	08	07	06	02	9	
12 010 04	1017.5 SW	06	12	12	09	10	
13 UNL 15	1019.9 N	10	-16	-16	-20	0	
14 020 04	1022.0 N	10	-11	-11	-17	10	
15 UNL 15	1024.4 S	12	-10	-10	-15	0	
16 030 15	1021.4 SE	24	04	03	-03	10	
17 200 15	1026.5 ENE	18	03	02	-02	10	
18 002 00	1/8BS	1019.8 NE	32	01	01	-04	10
19 030 12	1022.2 NE	06	08	07	02	10	
20							

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Clouds (100% H)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NWT
MAY 1959 0100 PST

01 UNL 15	1024.6 C	00	-08	-08	-14	0				
02 UNL 15	1033.0 E	06	-05	-05	-10	1				
03 UNL 15	1040.1 SE	12	-08	-08	-12	1				
04 UNL 15	1039.8 SE	12	00	00	-08	1				
05 200 15	1030.9 SE	18	06	05	-01	9				
06 UNL 15	1029.6 C	00	10	10	04	3				
07 080 15	1020.7 W	08	09	08	02	10				
08 040 15	1008.3 NNW	12	09	08	04	10				
09 040 15	1001.7 C	00	13	13	10	10				
10 080 00	1009.0 SE	06	06	06	02	8				
11 004 06	1016.2 SE	12	09	09	06	10				
12 UNL 15	1023.6 E	08	08	08	02	1				
13 015 04	1026.1 S	10	20	20	18	10				
14 UNL 15	1027.8 SE	10	19	18	14	0				
15 UNL 15	1020.5 NE	06	25	24	20	0				
16 UNL 15	1023.4 NNE	20	19	19	16	1				
17 UNL 15	1024.9 ESE	14	23	22	20	0				
18 015 08	1020.7 SE	18	23	22	20	10				
19 005 10	1021.0 SE	10	23	23	21	10				
20 008 15	1025.8 N	12	21	20	18	10				
21 008 15	1029.5 NE	04	14	14	12	10				
22 200 15	1020.3 NE	16	12	12	09	8				
23 007 10	1017.1 NNE	02	14	14	11	10				
24 006 08	1020.5 N	12	12	12	09	10				
25 005 10	1017.3 NW	16	14	14	12	10				
26 012 00	1016.8 W	12	15	16	14	10				
27 010 14	1013.1 NNE	06	11	11	10	10				
28 007 02	1014.6 W	12	14	14	11	10				
29 008 10	1016.4 NW	12	09	09	05	10				
30 030 15	1014.4 NNW	06	19	19	17	10				
31 010 15	1017.1 NW	12	20	19	16	10				
AVG	1021.3	10	12	12	08	07				

SACHS HARBOUR NWT
MAY 1959 0400 PST

01 UNL 15	1026.0 C	00	-09	-09	-16	0				
02 UNL 15	1033.5 C	00	-03	-03	-09	3				
03 UNL 15	1040.7 SE	14	-10	-10	-13	0				
04 UNL 15	1034.4 ESE	20	03	02	-07	1				
05 200 15	1031.1 ESE	18	03	03	-04	10				
06 200 15	1028.9 C	00	07	06	01	10				
07 080 15	1019.4 SW	02	07	07	02	10				
08 050 15	1006.8 N	02	11	11	08	10				
09 080 12	1002.1 C	00	13	12	09	10				
10 070 00	1010.3 NW	08	-04	-03	-07	6				
11 006 04	1017.2 SE	08	09	09	06	10				
12 UNL 15	1023.6 E	12	09	08	01	1				
13 001 00	1027.2 S	12	20	20	18	10				
14 UNL 15	1027.1 ESE	08	17	17	16	0				
15 UNL 15	1020.0 ENE	16	12	11	08	0				
16 UNL 15	1024.2 ESE	10	17	17	14	2				
17 UNL 15	1024.4 SE	10	17	17	15	1				
18 020 10	1020.5 SE	20	23	23	21	10				
19 006 12	1021.4 SE	06	24	24	22	10				
20 008 15	1025.7 N	12	21	20	18	10				
21 006 08	1028.4 SE	06	15	15	12	10				
22 090 15	1019.6 NE	20	13	13	10	9				
23 008 15	1016.7 NE	12	14	14	11	10				
24 007 12	1020.7 N	12	12	12	09	10				
25 UNL 15	1016.2 NW	18	10	10	07	3				
26 100 00	1015.3 WSW	14	16	16	15	6				
27 010 14	1012.7 ENE	08	14	14	09	10				
28 008 12	1014.1 NE	12	13	13	10	10				
29 080 15	1016.2 NW	14	09	08	04	7				
30 030 08	1013.6 N	06	19	18	15	10				
31 008 02	1016.5 NNW	16	20	20	18	10				
AVG	1021.1	10	11	11	07	07				

Date	Clouds (100% H)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NWT
MAY 1959 0700 PST

01 UNL 15	1027.0 NE	04	-09	-09	-15	0				
02 UNL 15	1036.3 NE	12	-03	-03	-10	4				
03 UNL 15	1040.7 SE	12	-07	-07	-11	0				
04 UNL 15	1035.1 ESE	18	03	04	-02	0				
05 200 15	1030.9 ESE	18	09	08	04	10				
06 200 15	1028.1 F	04	08	07	-01	10				
07 050 15	1018.0 SE	06	07	06	02	10				
08 020 12	1005.4 C	00	11	11	08	10				
09 UNL 15	1002.5 C	00	13	13	10	3				
10 015 03	1011.4 NW	08	-03	-03	-07	10				
11 012 08	1018.3 SE	08	08	08	04	10				
12 UNL 15	1023.4 ESE	14	14	12	06	0				
13 001 00	1027.0 S	12	21	21	19	10				
14 UNL 15	1026.0 SE	08	23	22	19	1				
15 UNL 15	1020.4 E	20	26	25	22	0				
16 002 10	1024.8 NW	02	23	23	21	10				
17 080 15	1024.0 SE	24	23	23	21	9				
18 015 07	1020.1 SE	18	22	22	20	10				
19 001 00	1021.8 S	04	26	25	24	10				
20 007 00	1026.3 N	20	15	15	13	10				
21 008 03	1027.5 NE	02	18	18	16	10				
22 002 03	1019.5 NNE	18	14	14	11	9				
23 008 15	1016.5 NW	06	15	15	12	10				
24 008 12	1020.5 N	12	14	14	11	10				
25 001 00	1016.3 NW	12	16	16	15	10				
26 005 00	1014.9 NW	16	14	14	12	10				
27 010 14	1012.3 NE	04	16	16	14	6				
28 018 15	1014.4 NW	12	12	12	09	9				
29 070 08	1016.4 NW	14	14	14	11	9				
30 100 10	1013.6 NE	04	18	18	15	10				
31 008 08	1016.5 NW	16	20	20	18	10				
AVG	1021.0	11	13	13	09	08				

SACHS HARBOUR NWT
MAY 1959 1000 PST

01 UNL 15	1028.3 NE	08	-11	-11	-18	0				
02 UNL 15	1035.2 NE	10	-04	-04	-11	0				
03 UNL 15	1040.9 SE	06	-04	-04	-10	0				
04 UNL 15	1032.6 SE	20	09	09	04	0				
05 UNL 15	1031.2 E	08	16	15	10	6				
06 200 15	1027.3 E	08	13	12	06	10				
07 070 15	1016.6 SE	06	11	11	05	10				
08 030 15	1004.3 SE	04	11	11	07	8				
09 010 15	1003.4 NE	06	11	11	07	0				
10 006 06	1012.8 NE	04	02	02	-02	10				
11 008 04	1019.3 SE	10	08	08	04	10				
12 UNL 15	1023.4 E	10	23	21	16	0				
13 001 00	1028.5 S	12	22	22	21	10				
14 UNL 15	1024.8 SE	10	29	28	25	2				
15 008 10	1021.1 NE	14	16	16	13	10				
16 002 00	1025.4 C	00	24	24	23	10				
17 006 15	1023.3 SE	24	26	26	25	10				
18 010 10	1020.0 S	26	23	23	22	10				
19 002 00	1022.1 N	14	27	27	26	10				
20 008 15	1027.6 N	16	14	14	11	10				
21 006 00	1026.5 C	00	19	19	17	10				
22 UNL 15	1019.7 NE	16	14	14	10	1				
23 006 10	1017.0 C	00	19	19	17	10				
24 006 03	1020.6 N	10	14	14	11	10				
25 006 10	1016.1 N	16	18	18	16	10				
26 008 08	1014.2 W	18	17	17	14	10				
27 066 15	1012.2 NW	10	16	15	11	10				
28 010 05	1019.7 NE	14	15	15	11	10				
29 UNL 15	1016.0 NW	12	16	15	09	2				
30 100 15	1014.1 N	08	21	20	18	9				
31 008 03	1016.4 NW	18	23	23	21	10				
AVG	1021.1	11	15	15	11	07				

Date	Clouds (100% H)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NWT
MAY 1959 1300 PST

01 UNL 15	1029.6 NE	06	-03	-03	-09	0				
02 UNL 15	1036.3 SE	08	-02	-02	-08	0				
03 UNL 15	1040.6 SE	08	00	00	-08	0				
04 UNL 15	1032.5 SE	18	13	12	08	0				
05 UNL 15	1031.4 E	06	18	16	11	0				
06 200 15	1026.5 C	00	13	12	06	10				
07 050 15	1015.1 SW	10	18	17	12	10				
08 UNL 15	1005.4 C	04	14	13	08	7				
09 UNL 15	1004.7 NE	08	09	09	05	0				
10 008 01	1015.7 SE	02	07	07	03	10				
11 UNL 15	1020.7 SE	07	09	09	04	2				
12 060 15	1023.9 SE	08								

SACHS HARBOUR NWT 1959 0100 PST												
JUNE												
SACHS HARBOUR NWT 1959 0700 PST												
JUNE												
SACHS HARBOUR NWT 1959 1300 PST												
JUNE												
SACHS HARBOUR NWT 1959 1900 PST												
JUNE												
SACHS HARBOUR NWT 1959 2200 PST												
JUNE												
01	008	12	1015.3	NW	12	20	19	16	10	01	005	15
02	002	01	1014.4	C	00	19	19	17	10	02	002	04
03	004	15	1009.4	S	14	21	23	23	9	03	020	15
04	010	15	1009.8	N	18	21	20	18	10	04	010	15
05	015	15	1011.9	NE	20	22	21	19	6	05	015	15
06	020	15	1013.2	NE	18	21	20	17	8	06	020	15
07	028	15	1008.7	N	14	22	22	22	10	07	028	15
08	006	03	1006.3	W	12	24	24	22	10	08	006	03
09	006	03	1006.3	W	12	24	24	22	10	09	006	03
10	006	15	1011.5	W	14	24	24	22	10	10	006	15
11	006	15	1017.0	S	16	25	25	24	10	11	006	15
12	002	00	1017.6	SW	14	25	25	24	9	12	002	00
13	004	15	1013.5	NE	18	25	25	24	9	13	004	15
14	008	15	1013.5	NE	18	25	25	24	9	14	008	15
15	008	15	1013.5	NE	18	25	25	24	9	15	008	15
16	010	15	1020.1	N	22	27	27	27	9	16	010	15
17	010	15	1020.1	N	22	27	27	27	9	17	010	15
18	009	03	1020.1	N	22	27	27	27	9	18	009	03
19	015	15	1025.6	C	00	35	35	33	8	19	015	15
20	015	15	1025.6	C	00	35	35	33	8	20	015	15
21	015	15	1025.6	C	00	35	35	33	8	21	015	15
22	004	10	1021.7	N	14	30	30	30	10	22	004	10
23	001	00	1018.4	NW	10	30	30	30	10	23	001	00
24	004	10	1018.4	NW	10	30	30	30	10	24	004	10
25	020	15	1025.6	E	14	35	34	34	8	25	020	15
26	015	15	1028.2	E	10	37	36	34	8	26	015	15
27	015	15	1028.2	E	10	37	36	34	8	27	015	15
28	010	15	1028.5	ESE	08	36	34	34	8	28	010	15
29	010	15	1028.5	ESE	08	36	34	34	8	29	010	15
30	015	15	1021.3	N	18	38	38	37	8	30	015	15
AVG			1019.5		13	29	29	27	07	AVG		

SACHS HARBOUR NWT 1959 1000 PST												
JUNE												
SACHS HARBOUR NWT 1959 1600 PST												
JUNE												
SACHS HARBOUR NWT 1959 2200 PST												
JUNE												
01	004	15	1014.9	NW	12	21	20	19	17	01	004	15
02	004	15	1014.9	NW	12	21	20	19	17	02	004	15
03	008	15	1008.8	S	20	23	23	22	9	03	008	15
04	015	15	1011.9	NE	22	25	25	24	9	04	015	15
05	015	15	1011.9	NE	22	25	25	24	9	05	015	15
06	015	15	1012.0	NE	22	25	25	24	9	06	015	15
07	004	10	1009.8	W	14	26	25	24	9	07	004	10
08	015	15	1009.8	W	14	26	25	24	9	08	015	15
09	005	15	1016.1	W	16	26	26	25	10	09	005	15
10	008	15	1015.7	S	16	26	26	25	10	10	008	15
11	002	00	1017.2	S	16	26	26	25	10	11	002	00
12	000	00	1017.2	S	16	26	26	25	10	12	000	00
13	004	15	1012.5	S	08	35	35	34	10	13	004	15
14	004	15	1012.5	S	08	35	35	34	10	14	004	15
15	009	03	1009.5	S	30	32	32	32	10	15	009	03
16	009	03	1009.5	S	30	32	32	32	10	16	009	03
17	010	15	1026.8	NE	22	34	34	33	9	17	010	15
18	010	15	1026.8	NE	22	34	34	33	9	18	010	15
19	010	15	1026.8	NE	22	34	34	33	9	19	010	15
20	015	15	1016.9	N	30	32	32	32	10	20	015	15
21	015	15	1016.9	N	30	32	32	32	10	21	015	15
22	015	15	1016.9	N	30	32	32	32	10	22	015	15
23	015	15	1016.9	N	30	32	32	32	10	23	015	15
24	015	15	1016.9	N	30	32	32	32	10	24	015	15
25	015	15	1016.9	N	30	32	32	32	10	25	015	15
26	015	15	1016.9	N	30	32	32	32	10	26	015	15
27	015	15	1016.9	N	30	32	32	32	10	27	015	15
28	015	15	1016.9	N	30	32	32	32	10	28	015	15
29	015	15	1016.9	N	30	32	32	32	10	29	015	15
30	015	15	1016.9	N	30	32	32	32	10	30	015	15
AVG			1019.6		14	33	32	30	08	AVG		

SACHS HARBOUR NWT 1959 2200 PST												
JUNE												
SACHS HARBOUR NWT 1959 0400 PST												
JUNE												
SACHS HARBOUR NWT 1959 1000 PST												
JUNE												
SACHS HARBOUR NWT 1959 1600 PST												
JUNE												
SACHS HARBOUR NWT 1959 2200 PST												
JUNE												
01	002	10	1014.7	NW	04	19	18	15	10	01	002	10
02	008	15	1010.1	SSE	22	24	24	23	10	02	008	15
03	010	15	1008.8	N	18	23	22	20	10	03	010	15
04	015	15	1011.9	NE	22	25	25	24	9	04	015	15
05	015	15	1011.9	NE	22	25	25	24	9	05	015	15
06	015	15	1012.0	NE	22	25	25	24	9	06	015	15
07	004	10	1009.8	W	14	26	25	24	9	07	004	10
08	015	15	1009.8	W	14	26	25	24	9	08	015	15
09	005	15	1016.1	W	16	26	26	25	10	09	005	15
10	008	15	1015.7	S	16	26	26	25	10	10	008	15
11	002	00	1017.2	S	16	26	26	25	10	11	002	00
12	000	00	1017.2	S	16	26	26	25	10	12	000	00
13	004	15	1012.5	S	08	35	35	34	10	13	004	15
14	004	15	1012.5	S	08	35	35	34	10	14	004	15
15	009	03	1009.5	S	30	32	32	32	10	15	009	03
16	009	03	1009.5	S	30	32	32	32	10	16	009	03
17	010	15	1026.8	NE	22	34	34	33	9	17	010	15
18	010	15	1026.8	NE	22	34	34	33	9	18	010	15
19	010	15	1026.8	NE	22	34	34	33	9	19	010	15
20	015	15	1016.9	N	30	32	32	32	10	20	015	15
21	015	15	1016.9	N	30	32	32	32	10	21	015	15
22	015	15	1016.9	N	30	32	32	32	10	22	015	15
23	015	15	1016.9	N	30	32	32	32	10	23	015	15
24	015	15	1016.9	N	30	32	32	32	10	24	015	15
25	015	15	1016.9	N	30	32	32	32	10	25	015	15
26	015	15	1016.9	N	30	32	32	32	10	26	015	15
27	015	15	1016.9	N	30	32	32	32	10	27	015	15
28	015	15	1016.9	N	30	32	32	32	10	28	015	15
29	015	15	1016.9	N	30	32	32	32	10	29	015	15
30	015	15	1016.9	N	30	32	32	32	10	30	015	15
AVG			1019.4		14	33	32	30	07	AVG		

SACHS HARBOUR NWT 1959 0100 PST												
JUNE												
SACHS HARBOUR NWT 1959 0700 PST												
JUNE												
SACHS HARBOUR NWT 1959 1300 PST												
JUNE												
SACHS HARBOUR NWT 1959 1900 PST												
JUNE												
SACHS HARBOUR NWT 1959 2200 PST												
JUNE												
01	004	15	1014.7	NW	04	19	18	15	10	01	004	15
02	008	15	1010.1	SSE	22	24	24	23	10	02	008	15
03	010	15	1008.8	N	18	23	22	20	10	03	010	15
04	015	15	1011.9	NE	22	25	25	24	9	04	015	15
05	015	15	1011.9	NE	22	25	25	24	9	05	015	15
06	015	15	1012.0	NE	22	25	25	24	9	06	015	15
07	004	10	1009.8	W	14	26	25	24	9	07	004	10
08	015	15	1009.8	W	14	26	25	24	9	08	015	15
09	005	15	1016.1	W	16	26	26	25	10	09	005	15
10	008	15	1015.7	S	16	26	26	25	10	10	008	15
11	002	00	1017.2	S	16	26	26	25	10	11	002	00
12	000	00	1017.2	S	16	26	26	25	10	12	000	00
13	004	15	1012.5	S	08	35	35	34	10	13	004	15
14	004	15	1012.5	S	08	35	35	34	10	14	004	15
15	009	03	1009.5	S	30	32	32	32	10	15	009	03
16	009	03	1009.5	S	30	32	32	32	10	16	009	03

SUMMARY OF CONSTANT PRESSURE DATA

JANUARY 1959

ALERT, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	1006	-40.1		270	01	0107	-38.9	274	01	1236	-32.9	65	117	02	2600	-36.4	71	156	07	
02	1016	-39.7		300	01	0190	-33.9	41	230	02	1352	-28.6	39	195	08	2723	-35.4	43	203	07
03	1021	-40.4		000	00	0209	-34.7	48	000	00	1369	-30.0	42	229	14	2722	-39.2	43	218	17
04	1034	-27.6	64	250	07	0306	-26.8	60	252	10	1474	-29.1	64	259	08	2843	-33.3	70	281	16
05	1034	-28.7	69	270	03	0305	-27.9	66	337	02	1468	-26.1	75	220	02	2846	-34.1	75	250	13
06	1039	-35.7	66	360	04	0332	-35.1	59	336	10	1478	-28.1	64			2873	-28.8	53		
07	1041	-33.9	72	000	00	0349	-29.0	64	328	11	1533	-27.1	52	059	18	2954	-25.0	51		
08	1042	-29.4	76	270	03	0359	-29.7	74	332	06	1548	-21.0	74	055	18	2974	-25.8	30		
09	1042	-31.7	72	320	01	0360	-25.5	69	346	07	1563	-19.3	29	066	16	2990	-26.3	30	072	19
10	1029	-26.2	71	320	07	0275	-23.4	61	333	12	1470	-20.1	55	034	19	2898	-25.6	38		
11	1029	-26.4	63	320	06	0275	-22.8	52	332	11	1466	-20.9	41	037	18	2900	-21.8	A18		
12	1022	-26.4	66	270	01	0226	-19.0	56	335	02	1448	-13.4	A16	076	10	2922	-15.9	A16	077	06
13	1011	-27.7	66	240	02	0144	-26.0	67	270	02	1355	-14.8	57	071	10	2826	-15.1	62	088	08
14	1014	-21.8	78	320	05	0167	-24.7	75	327	04	1357	-17.9	79	058	04	2803	-22.4	72	206	02
15	1022	-26.8	70	320	06	0224	-24.8	70	314	04	1411	-18.0	56	021	04	2846	-23.7	61	343	09
16	1022	-29.8	62	000	00	0234	-27.8	63	000	00	1434	-18.4	38	285	04	2873	-23.4	A18	275	04
17	1033	-29.8	55	000	00	0302	-22.4	59	000	00	1512	-19.1	54	118	05	2942	-25.2	A18	093	17
18	1024	-32.8	52	000	00	0236	-23.8	57	000	00	1323	-20.5	32	203	05	2919	-21.0	A18	176	07
19	1009	-09.3	73	210	07	0136	-07.8	51	220	08	1401	-06.5	A15	226	12	2898	-15.9	27	220	08
20	1017	-23.0	71	040	03	0189	-23.1	70	360	09	1385	-18.8	75	327	06	2834	-19.9	79	255	15
21	1024	-31.1	68	000	00	0235	-28.8	61	000	00	1420	-20.6	53	072	07	2855	-22.3	32	340	02
22	1023	-32.2	54	290	04	0228	-29.3	61	310	05	1423	-16.4	30	060	01	2870	-21.8	A18	184	01
23	1024	-36.8	56	000	00	0233	-29.4	56	000	00	1431	-18.2	38	044	08	2872	-21.8	A18	356	05
24	1016	-32.8	54	000	00	0178	-32.1	46	000	00	1342	-25.8	67	016	08	2740	-29.7	75	331	13
25	1000	-33.1	54	360	05	0066	-33.1	54	360	05	1223	-27.8	69	031	16	2637	-25.1	44	058	19
26	997	-31.8	55	000	00	0048					1242	-18.9	31	011	12	2673	-23.6	61	324	07
27	1005	-29.9	62	090	01	0102	-29.8	63	078	01	1263	-28.7	75	128	03	2654	-29.7	75	192	04
28	1004	-36.3	47	000	00	0094	-35.6	A22	000	00	1253	-20.1	38	035	16	2691	-23.0	A18	062	16
29	1001	-32.4	59	120	01	0073	-32.4	55	120	01	1240	-23.5	70	337	12	2659	-23.2	71	044	08
30	1005	-33.4	61	000	00	0101	-32.3	59	000	00	1265	-28.6	75	281	05	2640	-32.1	80	303	08
31	1005	-32.4	55	270	01	0101	-31.2	56	257	01	1278	-25.2	68	266	03	2669	-32.1	72	283	06
MN	1020	-30.7	63			206	-28.1	58			1390	-21.9	53	36	04	2811	-25.8	47	188	00

Day	500 MBS				400 MBS				300 MBS				200 MBS								
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.					
01	4884	-46.6		162	15	6343	-52.6		163	18	8173	-58.3		172	11	10722	-58.2		163	07	
02	3007	-48.3		150	10	6455	-54.5		141	14	8265	-59.7		150	13	10799	-60.2		143	09	
03	4982	-47.3		214	23	6448	-50.2		209	08	8312	-53.0		218	17	10906	-57.2		215	12	
04	5155	-46.8		261	19	6625	-52.0				8467	-56.9				11025	-58.9				
05	5168	-40.9		275	28	6666	-47.4		280	41	8548	-52.9				11125	-59.0				
06	5200	-42.9				6682	-49.6				8560	-51.4				11157	-58.7				
07	5314	-43.3				6775	-54.7				8598	-58.2				11153	-58.5				
08	5338	-40.2				6830	-49.3				8670	-59.6				11190	-60.8				
09	5357	-39.8	A22	065	11	6845	-51.1		066	07	8670	-60.0		065	05	11191	-61.1		290	07	
10	5266	-39.5	A22			6770	-47.8				8622	-57.6				11172	-59.8				
11	5312	-35.4	A21			6828	-46.2				8698	-56.2				11237	-60.8				
12	5405	-29.2	A19	110	10	6961	-40.9		085	17	8856	-55.1		088	22	11346	-69.6		092	10	
13	5293	-30.4	38	114	12	6843	-42.0		098	15	8738	-53.6		094	19	11261	-62.5		152	06	
14	5219	-35.0	56	217	07	6739	-45.2		212	08	8609	-57.1		194	07	11136	-62.1		251	07	
15	5240	-37.8	43	335	02	6744	-47.5		395	04	8602	-56.3		303	06	11149	-60.0		322	05	
16	5268	-37.6	A22	310	03	6770	-41.7		314	05	8622	-58.8		293	07	11132	-63.3		292	11	
17	5299	-42.2	057	10	6776	-51.5		392	06	8598	-60.3		341	12	11104	-62.6		314	16		
18	5324	-36.9	A21	256	09	6831	-47.4		276	09	8679	-59.3		269	11	11155	-65.6		288	13	
19	5339	-32.5	60	229	18	6884	-39.7		60	258	30	8799	-52.5		267	44	11305	-68.1			
20	5300	-26.8	73	264	32	6879	-36.9		70		8810	-50.6				11351	-68.1				
21	5271	-34.6	42	278	08	6805	-42.1		262	20	8705	-53.3		255	34	11232	-64.1		268	25	
22	5284	-35.4	62	244	11	6805	-45.3		256	13	8672	-57.4		250	09	11183	-62.3		280	07	
23	5257	-39.2	A22	314	06	6772	-45.9		033	12	8624	-58.8		045	16	11137	-61.6		300	08	
24	5084	-42.1	025	07	6560	-51.3		016	06	8397	-57.6		009	07	10948	-59.9		013	08		
25	5012	-38.9	A22	067	18	6512	-48.0		058	18	8311	-56.6		061	14	10921	-61.6		041	12	
26	5064	-37.3	62	360	11	6567	-47.9		018	16	8415	-58.8		015	22	10936	-60.6		344	06	
27	5004	-40.7	217	12	6492	-50.0		211	13	8334	-57.8		214	10	10891	-58.5		151	05		
28	5091	-35.3	63	074	17	6618	-44.7		115	16	8480	-57.6		141	20	11005	-60.2		135	09	
29	5054	-35.6	74	047	13	6579	-43.9		040	13	8447	-58.4		045	18	10990	-59.0		110	07	
30	4975	-41.3	063	09	6462	-47.8		237	15	8316	-56.9		237	10	10864	-58.9		257	05		
31	4986	-42.0	309	10	6464	-51.9		308	09	8285	-60.7		295	06	10823	-59.2		256	07		
MN	5186	-38.7	41	255	03	6688	-47.5		65	272	02	8547	-56.9		249	02	11082	-61.3		283	03

Day	150 MBS				100 MBS				80 MBS				50 MBS							
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	12519	-60.7		162	06	15004	-66.4		170	06	16343	-70.0		164	05	19086	-76.5		150	02
02	12589	-62.1		151	05	15061	-67.6		139	07	16394	-70.6		125	04	19138	-76.7		126	04
03	12709	-61.1		211	10	15184	-67.2		251	10	16514	-70.8		341	03	19264	-75.5		322	04
04	12822	-62.6				15303	-67.7				16636	-70.3								

SUMMARY OF CONSTANT PRESSURE DATA

JANUARY 1959

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

ALERT, N.W.T.

12 GMT.

P	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.				
01	1012	-41.1	0000	00	0147	-37.2	65	0000	00	1284	-30.6	53	202	07	2649	-35.5	40	178	07	
02	1019	-37.8	0000	00	0196	-28.6	48	0000	00	1361	-28.4	43	202	15	2732	-37.0	46	190	12	
03	1028	-37.4	54	0000	00	0260	-30.6	35	245	02	1414	-36.2	49	046	05	2757	-40.2	262	09	
04	1035	-31.5	58	270	01	0311	-27.7	64	226	03	1489	-27.2	58	261	05	2871	-33.3	71	270	14
05	1036	-32.1	65	270	04	0317	-31.5	61	315	05	1463	-32.9	72	052	09	2826	-36.5	73	085	18
06	1040	-32.3	72	360	03	0342	-33.3	76	338	09	1500	-27.9	76	053	21	2902	-29.4	74	066	26
07	1041	-29.4	69	000	00	0354	-27.0	67	342	07	1538	-22.1	65	049	13	2955	-26.0	69	062	20
08	1044	-35.0	72	240	03	0372	-24.8	71	335	08	1573	-19.0	49	053	16	2998	-26.4	39	056	20
09	1033	-35.6	57	270	01	0295	-29.4	55	325	08	1497	-18.2	39	054	21	2927	-25.3	28	666	66
10	1031	-28.6	56	340	04	0286	-25.7	65	335	09	1475	-22.0	66	032	18	2897	-25.1	30	053	17
11	1029	-29.2	62	270	03	0275	-21.4	47	329	03	1480	-17.2	32	061	10	2933	-19.9	A17	075	06
12	1014	-28.1	59	270	02	0165	-25.9	57	308	03	1381	-13.5	A16	067	14	2865	-14.0	A16	119	07
13	1012	-24.9	78	290	03	0152	-25.2	77	314	03	1355	-17.2	82	045	04	2807	-22.6	79	265	04
14	1019	-24.8	74	330	05	0202	-24.8	75	333	05	1384	-18.7	76	058	03	2818	-23.8	63	278	03
15	1021	-32.4	55	000	00	0296	-27.0	50	275	01	1492	-18.5	58	033	03	2927	-24.1	A18	054	04
16	1030	-28.4	62	270	02	0278	-25.5	68	340	02	1466	-23.3	50	040	04	2883	-26.9	35	307	05
17	1029	-31.6	55	000	00	0273	-22.2	70	000	00	1496	-15.9	A17	121	05	2946	-23.2	A18	097	07
18	1019	-29.1	71	000	00	0204	-18.1	60	000	00	1447	-12.4	A16	228	06	2917	-19.4	44	262	08
19	1006	-19.8	78	045	02	0111	-19.1	75	035	02	1347	-12.4	32	340	02	2904	-12.7	82	327	14
20	1025	-29.0	62	000	00	0242	-28.1	74	000	00	1428	-21.2	52	358	06	2860	-23.2	A18	295	13
21	1022	-33.8	72	330	07	0219	-32.4	60	329	07	1402	-19.9	41	066	10	2834	-23.3	A18	115	05
22	1024	-34.3	64	000	00	0233	-32.3	67	000	00	1418	-19.3	36	033	03	2857	-22.9	A18	355	03
23	1020	-35.6	57	000	00	0205	-31.0	70	000	00	1400	-20.9	A18	015	04	2817	-27.8	41	300	07
24	1010	-36.0	60	340	04	0135	-36.6	68	339	09	1278	-30.8	75	030	17	2679	-27.4	71	067	19
25	1000	-37.9	66	270	07	0066	-37.9	66	270	04	1230	-23.0	60	044	14	2656	-24.2	A18	056	15
26	998	-26.3	67	000	00	0048					1223	-26.3	68	194	03	2621	-30.0	74	233	10
27	1008	-32.5	55	270	05	0122	-31.0	66	303	05	1287	-25.5	75	055	11	2708	-24.9	50	091	11
28	1006	-33.4	54	360	02	0108	-33.6	57	360	02	1267	-23.6	74	028	10	2690	-24.1	75	058	17
29	1000	-32.4	58	000	00	0086	-32.4	58	000	00	1238	-26.3	79	321	08	2639	-28.6	71	355	04
30	1007	-34.1	61	000	00	0119	-32.0	54	000	00	1282	-29.1	63	294	05	2661	-33.3	70	353	05
31	1003	-32.2	95	270	03	0088	-32.3	65	271	03	1241	-27.6	73	124	03	2623	-33.9	73	185	03
MN	1020	-31.6	63			209	-28.7	63			1391	-22.9	53	46	06	2808	-26.8	48	55	03

P	500 MBS				400 MBS				300 MBS				200 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	4939	-47.4		167	11	6384	-55.7		157	14	8194	-60.3		151	12	10730	-59.1	146	08
02	5004	-48.7		196	13	6457	-53.2		198	13	8293	-57.9		210	13	10844	-58.9	214	05
03	5091	-48.2		261	16	6463	-50.7		262	20	8326	-53.0		263	21	10919	-57.8	262	17
04	5186	-44.2		285	29	6660	-50.2		291	33	8519	-56.3				11074	-60.4		
05	5139	-44.8		323	04	6622	-44.8		293	17	8522	-51.0		299	24	11123	-57.9	291	31
06	5230	-43.0				6708	-51.8				8549	-54.4				11122	-58.2		
07	5328	-39.7	31	071	27	6823	-49.3				8667	-58.1				11197	-60.9		
08	5360	-40.9				6850	-50.2				8679	-61.0				11190	-62.1		
09	5304	-38.9	A22	666	66	6803	-49.1	666	66	6843	-59.8		251	11	11177	-59.2	275	10	
10	5284	-38.2	A22	065	08	6789	-47.9	049	02	6655	-56.1		223	02	12195	-61.4	280	05	
11	5381	-31.0	A20	076	20	6934	-41.4	087	25	8828	-55.8		071	31	11323	-68.8			
12	5353	-29.3	A19	098	16	6911	-40.8	112	20	8805	-55.6		089	24	11309	-68.2	123	15	
13	5243	-33.8	A21	243	09	6770	-43.7	208	05	8654	-55.9		218	07	11170	-63.9	206	07	
14	5203	-37.5	37	226	08	6710	-48.4	238	14	8564	-57.4		227	10	11091	-61.9	262	06	
15	5318	-37.2	A22	044	07	6825	-47.7	048	05	8677	-59.0		019	07	11186	-62.0	938	09	
16	5241	-40.8				6731	-50.6	263	14	8561	-61.4		269	22	11055	-62.6	302	19	
17	5317	-40.0	A22	342	04	6810	-50.1	323	09	8633	-62.8		316	16	11100	-66.9	305	16	
18	5327	-37.1	49	268	15	6842	-48.9	260	18	8684	-60.4		260	18	11157	-65.3	267	19	
19	5278	-25.2	71	271	37	6866	-37.0			8789	-52.7				11301	-68.3			
20	5295	-31.9	49	276	23	6848	-41.4	266	29	8738	-56.0		254	35	11257	-65.6	260	42	
21	5238	-36.0	34	252	12	6756	-44.4	250	23	8633	-56.7		244	26	11136	-63.9	264	23	
22	5256	-37.5	65	259	04	6766	-47.9	288	07	8620	-58.2		267	04	11130	-62.7	006	04	
23	5181	-40.2	312	10	6669	-51.3	287	12	8497	-59.1		276	13	11028	-60.6	337	09		
24	5032	-42.2	072	12	6514	-49.7	072	12	8366	-56.4		056	18	10920	-59.9	059	08		
25	5048	-36.9	A22	052	14	6553	-48.4	040	20	8393	-59.5		055	09	10913	-61.4	045	10	
26	4979	-39.8	37	262	12	6469	-50.0	256	12	8305	-59.1		262	15	10852	-59.4	292	06	
27	5086	-39.6	45	093	12	6586	-49.6	096	12	8421	-60.8		088	11	10955	-58.9	157	06	
28	5100	-33.0	68	065	15	6642	-43.5	064	21	8516	-58.0		063	17	11023	-60.5	106	08	
29	5015	-37.0	A22	333	06	6530	-46.5	343	03	8391	-58.8		355	03	10931	-58.8	090	02	
30	4971	-45.6	010	07	6433	-52.3	001	07	8272	-57.4		312	03	10821	-59.7	278	03		
31	4931	-44.1	232	13	6403	-52.5	239	16	8232	-59.2		320	12	10776	-59.7	221	05		
MN	5179	-38.9	36	285	03	6682	-48.0	54	283	04	8536	-57.7		268	04	11065	-61.8	280	07

P	150 MBS				100 MBS				80 MBS				50 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. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.			
01	12517	-63.3		153	07	14995	-67.8	125	07	16327	-70.6	122	05	19071	-76.8				
02	12429	-63.1		150	06	15091	-68.6	192	04	16421	-70.5	135	02	19166					
03	12716	-62.4		271	16	15188	-69.3	272	09	16512	-71.8	279	11	19239	-78.3		284	11	
04	12859	-62.2				15318	-69.1			16637	-73.2			19341	-78.5				
05	12915	-63.5		310	14	15364	-70.7	316	11	16676	-73.9	313	11						

SUMMARY OF CONSTANT PRESSURE DATA

FEBRUARY 1959

ALERT, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR638 RDF tracking equipment

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude (ftm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ftm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.				
																	°C	%	deg. mps.	°C	%	deg. mps.	°C	%	deg. mps.
01	999	-32.9	52	300	07	0060	.	.	1211	-30.7	72	038	15	2606	-27.6	61	098	05		
02	994	-36.9	56	320	06	0027	.	.	1153	-34.0	67	022	12	2544	-23.9	75	088	15		
03	988	-34.1	61	300	02	-023	.	.	1136	-25.8	67	254	03	2559	-24.3	37	095	07		
04	1006	-34.4	60	270	02	0108	-31.6	51	224	01	1273	-26.8	65	208	07	2671	-28.0	46	249	08
05	1005	-34.5	50	320	08	0101	-33.0	52	322	09	1263	-24.6	60	209	16	2696	-22.1	418	063	13
06	999	-25.6	66	000	00	0056	.	.	1244	-24.8	79	345	08	2633	-27.2	78	017	07		
07	994	-32.1	55	250	04	0026	.	.	1181	-26.9	78	005	09	2586	-27.3	67	063	06		
08	989	-31.4	76	310	15	-010	.	.	1142	-32.0	72	359	18	2518	-27.5	74	034	14		
09	1004	-37.3	360	01	0094	-37.1	.	344	01	1230	-33.3	65	354	03	2585	-34.9	74	075	09	
10	1001	-38.5	360	05	0073	-38.5	.	398	07	1194	-36.5	59	021	13	2575	-27.5	50	106	08	
11	994	-33.2	72	000	00	0022	.	.	1162	-35.3	61	020	08	2524	-31.6	67	035	05		
12	997	-37.1	71	270	03	0047	.	.	1190	-28.4	64	259	01	2600	-25.9	419	207	07		
13	1001	-38.6	000	00	0073	-38.0	.	000	00	1226	-24.0	63	061	03	2667	-21.1	418	197	05	
14	984	-34.3	64	330	09	-050	.	.	1098	-26.7	72	334	13	2529	-22.4	50	073	07		
15	985	-31.1	65	360	13	-040	.	.	1113	-30.1	62	280	09	2506	-27.2	73	034	08		
16	993	-28.1	69	000	00	0018	.	.	1189	-26.1	75	293	09	2573	-28.6	79	318	10		
17	994	-29.4	61	320	01	0020	.	.	1190	-28.1	67	252	04	2559	-34.7	71	261	12		
18	993	-23.4	70	240	14	0013	.	.	1206	-25.7	56	270	04	2586	-31.4	71	293	10		
19	995	-30.8	58	240	02	0033	.	.	1198	-28.8	62	288	04	2591	-27.8	76	321	09		
20	1005	-24.1	70	240	15	0103	-23.2	64	240	12	1300	-24.3	66	276	05	2689	-32.0	70	288	11
21	1014	-24.6	70	000	00	0167	-23.4	65	000	00	1355	-23.7	68	247	04	2748	-31.6	66	294	07
22	991	-19.7	75	250	13	-002	.	.	1228	-16.7	46	057	04	2659	-24.4	68	242	06		
23	980	-24.0	70	130	03	-082	.	.	1101	-23.8	89	333	04	2518	-26.2	78	182	05		
24	991	-31.2	58	310	01	0026	.	.	1152	-27.6	66	209	03	2548	-30.2	77	311	02		
25	985	-31.7	55	000	00	-040	.	.	1123	-29.6	69	023	03	2509	-30.1	65	025	08		
26	985	-35.6	48	270	03	-043	.	.	1113	-29.2	68	333	04	2493	-30.8	58	351	02		
27	990	-38.8	370	03	-004	.	.	.	1149	-26.7	66	176	03	2542	-30.1	65	200	05		
28	993	-42.1	270	03	0015	.	.	.	1162	-27.9	66	183	02	2542	-32.1	57	108	03		
MX	995	-32.0	63	.	.	.	.	.	1190	-27.8	67	348	04	2586	-28.2	61	15	02

Day	500 MBS				400 MBS				300 MBS				200 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.	
																	°C
01	4970	-40.1	146	06	6460	-49.4	175	07	8299	-59.4	195	14	10834	-60.9	173	08	
02	4942	-36.1	73	076	23	6455	-46.3	.	8327	-54.1	.	.	10897	-58.0	.	.	
03	4939	-39.7	A22	089	11	6443	-46.6	135	06	8296	-57.1	092	11	10850	-58.8	106	07
04	5040	-40.5	243	03	6521	-50.9	214	04	8357	-59.1	112	04	10887	-61.0	088	06	
05	5094	-37.2	A22	099	05	6600	-47.6	167	09	8453	-58.2	159	07	10981	-60.9	119	05
06	5012	-40.1	001	07	6504	-49.4	195	02	8344	-58.9	350	05	10864	-60.6	310	04	
07	4952	-38.9	54	193	05	6451	-49.5	192	05	8294	-58.3	194	10	10930	-59.8	220	12
08	4910	-36.3	69	182	08	6418	-48.5	154	09	8263	-51.9	158	13	10789	-58.4	176	11
09	4909	-42.9	181	04	6467	-51.2	186	06	8216	-58.1	214	10	10760	-58.9	206	11	
10	4953	-38.4	A22	176	14	6382	-48.5	195	27	8320	-59.8	193	28	10859	-59.6	185	18
11	4901	-38.2	66	322	05	6402	-49.1	010	03	8232	-63.1	004	04	10743	-59.7	161	05
12	4983	-39.6	A22	220	08	6471	-51.1	222	07	8285	-64.1	206	05	10784	-62.6	186	06
13	5066	-38.4	A22	215	06	6555	-51.7	196	09	8359	-63.8	197	12	10842	-63.2	196	10
14	4927	-37.8	39	098	17	6434	-47.1	106	21	8289	-58.5	105	24	10800	-61.6	123	15
15	4875	-38.3	68	036	13	6372	-49.9	045	19	8196	-61.3	059	26	10702	-62.3	073	14
16	4931	-39.3	338	09	6426	-49.4	356	06	8262	-60.1	034	07	10727	-66.4	027	11	
17	4869	-43.0	317	09	6342	-52.7	325	12	8161	-59.3	517	16	10695	-61.5	325	07	
18	4931	-40.9	303	06	6413	-51.4	277	05	8250	-60.0	263	05	10785	-58.5	334	09	
19	4933	-42.9	340	08	6403	-53.2	353	08	8226	-60.6	025	15	10739	-61.2	346	09	
20	5009	-41.5	288	09	6497	-49.0	294	06	8336	-58.6	315	03	10820	-64.0	320	12	
21	5064	-45.3	321	07	6523	-52.7	316	10	8353	-59.1	310	09	10885	-61.1	311	12	
22	5059	-37.0	63	305	05	6558	-50.2	290	09	8383	-61.8	282	12	10906	-59.8	284	13
23	4881	-42.3	198	09	6349	-56.9	207	08	8153	-60.0	234	05	10695	-59.8	253	11	
24	4915	-42.2	008	03	6394	-52.7	156	03	8199	-61.8	030	02	10704	-61.8	248	08	
25	4837	-44.0	040	15	6298	-55.3	044	15	8105	-60.1	035	07	10636	-59.9	220	02	
26	4822	-44.5	329	06	6282	-54.9	344	09	8087	-61.9	343	07	10608	-60.9	196	04	
27	4861	-45.0	169	05	6319	-54.8	141	04	8127	-61.4	140	05	10648	-60.8	171	07	
28	4852	-45.9	194	04	6304	-55.3	163	03	8116	-59.4	166	04	10647	-61.6	137	08	
MX	4944	-40.6	45	54	01	6430	-50.7	176	01	8260	-60.0	188	02	10782	-60.8	202	02

Day	150 MBS				100 MBS				80 MBS				50 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. (ftm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12626	-62.1	174	05	15100	-68.0	151	03	16431	-70.3	048	01	19187	-74.8	338	06
02	12687	-62.6	.	.	15169	-65.8	.	.	16515	-68.4	.	.	19302	-71.7	.	.
03	12641	-62.7	096	09	15112	-67.3	061	05	16443	-70.3	025	04	19203	-74.4	348	10
04	12664	-63.0	054	04	15115	-69.8	008	03	16434	-72.5	337	05	19154	-78.2	315	05
05	12757	-64.1	105	09	15209	-69.2	095	01	16528	-73.0	151	01	19242	-77.6	286	05
06	12646	-63.2	311	04	15110	-68.2	305	04	16434	-72.2	300	08	19162	-77.4	304	07
07	12629	-60.3	229	11	15113	-67.9	240	11	16443	-71.2	238	12	.	.	.	.
08	12597	-59.9	.	.	15087	-67.1	.	.	.	.	.	.	.	.	.	.
09	12561	-60.8	206	12	15047	-66.9	208	14	16385	-69.4	195	15	19157	-73.3	212	14
10	12654	-61.6	181	30	15136	-66.8	194	29	16470	-70.7	192	29	19229	-74.6	.	.
11	12540	-60.9	128	08	15024	-66.7	144	09	16361	-70.1	133	11	19130	-74.9	131	11
12	12533	-64.1	144	05	14987	-69.4	125	02	16313	-71.0	100	08	19068	-74.2	043	12
13	12606	-65.1	193	07	15047	-69.4	106	02	16369	-71.7	050	04	19117	-75.3	027	06
14	12576	-66.5	059	04	15014	-70.2	099	06	16333	-70.8	082	07	19040	-74.1	038	09
15	12472	-64.2	070	13	14928											

SUMMARY OF CONSTANT PRESSURE DATA

FEBRUARY 1959

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74082 82°30'N 62°20'W 66 METERS

ALERT, N.W.T.

12 GMT.

Z ft	SURFACE				1000 MBS				850 MBS				700 MBS								
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.					
	gpm.	°C	%	dir. sps.	gpm.	°C	%	dir. sps.	gpm.	°C	%	dir. sps.	gpm.	°C	%	dir. sps.					
01	1001	-35.4	60	340	09	0073	-35.5	61	340	09	1212	-30.5	70	004	16	2611	-25.3	74	036	14	
02	986	-32.7	54	315	09	-036					1177	-27.4	75	027	08	2549	-21.4	69	115	15	
03	994	-37.8	38	270	03	0024					1177	-25.0	60	244	05	2592	-25.8	28	178	02	
04	1013	-34.7	51	270	04	0157	-30.4	61	308	03	1318	-28.4	70	165	02	2723	-25.6	27	156	06	
05	1000	-26.1	63	315	11	0066	-26.1	66	315	11	1239	-26.4	79	353	13	2645	-25.5	70	032	12	
06	995	-31.6	38	000	00	0026					1202	-26.8	80	024	06	2610	-27.2	41	063	04	
07	992	-31.3	58	310	13	0006					1152	-35.3	72	012	11	2543	-28.0	71	094	10	
08	1000	-34.6	60	110	02	0066	-34.6	60	110	02	1205	-33.0	73	342	06	2558	-33.8	73	050	06	
09	1003	-40.9	60	270	02	0086	-40.7				1209	-34.8	70	035	08	2589	-32.2	69	134	04	
10	992	-37.2		360	13	0009					1129	-34.9	59	656	66	2506	-24.0	61	656	66	
11	995	-34.4	51	270	01	0030					1177	-32.2	62	066	03	2558	-27.9	65	193	04	
12	1001	-37.8		270	03	0073	-37.8				1213	-29.9	62	004	02	2631	-23.9	A18	252	07	
13	995	-34.8	60	320	10	0031					1176	-29.1	75	036	15	2624	-17.8	32	091	16	
14	984	-35.1	60	000	00	-043					1099	-29.8	67	130	04	2501	-23.5	71	058	06	
15	991	-29.6	62	000	00	0000					1166	-29.6	72	308	07	2545	-32.0	74	010	10	
16	993	-29.0	69	000	00	0014					1178	-27.2	72	222	05	2555	-32.0	73	299	12	
17	994	-24.7	67	240	20	0019					1203	-26.4	69	242	04	2581	-33.9	69	254	12	
18	993	-27.4	69	000	00	0012					1179	-26.4	73	245	03	2560	-31.3	74	325	07	
19	1001	-30.0	62	270	02	0073	-29.9	63	270	02	1250	-27.7	71	302	09	2632	-33.0	74	325	08	
20	1012	-21.0	74	240	13	0153	-20.9	67	240	12	1349	-25.2	72	259	07	2733	-32.4	74	309	10	
21	1002	-21.2	71	240	18	0080	-20.9	70	240	18	1292	-19.7	37	618	05	2570	-27.2	50	292	06	
22	981	-22.6	74	360	05	-076					1133	-17.9	66	214	07	2570	-25.4	69	188	09	
23	989	-27.4	62	045	01	-017					1148	-29.6	73	250	04	2534	-29.2	63	200	03	
24	990	-31.7	55	270	03	-006					1160	-29.2	65	038	03	2537	-31.4	73	023	05	
25	983	-33.1	54	270	02	-057					1100	-29.8	68	325	01	2479	-31.4	69	357	07	
26	987	-37.1	56	270	04	-024					1125	-28.8	69	000	00	2511	-31.3	61	165	01	
27	993	-39.1		270	02	0016					1163	-28.5	70	182	06	2548	-32.2	66	134	04	
28	992	-40.6		270	03	0009					1149	-29.9	63	028	01	2527	-32.0	43	154	02	
MN	995	-32.1	60				27	-30.8	64			1187	-28.5	68	342	02	2580	-28.5	61	39	02

Z ft	500 MBS				400 MBS				300 MBS				200 MBS					
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.		
	gpm.	°C	%	dir. sps.	gpm.	°C	%	dir. sps.	gpm.	°C	%	dir. sps.	gpm.	°C	%	dir. sps.		
01	5003	-37.8	69	073	08	6510	-48.8	111	09	8354	-58.9	129	10	10859	-62.5	122	08	
02	4945	-39.4	58	118	16	6452	-46.4	100	28	8320	-56.4	094	26	10869	-59.5			
03	4962	-39.9	A22	124	05	6452	-51.1	091	06	8278	-60.3	074	08	10810	-60.9			
04	5086	-41.6	080	08	6366	-51.3	086	07	8402	-59.8	112	06	10921	-61.7				
05	5028	-37.2	55	349	05	6534	-48.9	259	05	8368	-62.2	325	04	10872	-62.6			
06	4961	-41.3	135	02	6446	-50.9	230	05	8278	-60.3	205	04	10791	-61.5				
07	4908	-39.8	56	172	08	6405	-49.2	180	15	8248	-58.0	193	18	10801	-58.6			
08	4907	-40.8		134	03	6392	-51.9	131	07	8203	-62.8	160	07	10733	-60.0			
09	4909	-42.4		192	12	6388	-51.0	209	14	8222	-58.0	204	14	10767	-59.4			
10	4909	-37.4		42	171	10	6420	-48.3	148	09	8255	-62.6	126	09	10766	-60.8		
11	4935	-39.8	33	256	07	6429	-49.5	211	01	8252	-63.9	102	05	10735	-61.0			
12	5016	-40.4		254	14	6500	-52.6	275	17	8300	-65.0	228	06	10759	-65.0			
13	5043	-37.1	57	126	10	6557	-46.3	132	14	8401	-61.7	155	14	10856	-64.4			
14	4890	-37.4	59	091	19	6396	-48.0	092	18	8232	-62.5	097	26	10709	-64.1			
15	4879	-41.4	039	16	6369	-50.5	045	16	8211	-60.5	047	18	10672	-66.3				
16	4881	-44.0	286	10	6351	-52.0	283	12	8171	-62.1	267	15	10652	-64.1				
17	4891	-44.0	305	12	6366	-53.0	324	06	8199	-59.9	002	12	10715	-60.7				
18	4899	-42.5	322	04	6382	-51.5	023	03	8204	-61.0	194	03	10747	-59.2				
19	4960	-39.3	348	07	6458	-49.4	356	08	8286	-62.7	349	12	10767	-62.8				
20	5044	-40.9	338	12	6515	-52.1	266	04	8337	-60.3	262	08	10851	-61.5				
21	5060	-41.7	329	15	6542	-51.0	336	19	8368	-60.8	332	21	10878	-60.8				
22	4964	-39.4	64	218	07	6454	-52.0	204	10	8269	-60.2	225	11	10805	-59.7			
23	4882	-42.0	183	07	6362	-53.3	197	09	8166	-63.5	213	07	10672	-61.3				
24	4867	-44.7	090	07	6330	-54.9	089	09	8129	-63.2	100	04	10637	-61.2				
25	4808	-44.7	006	10	6268	-55.8	015	13	8070	-61.2	026	06	10585	-61.4				
26	4838	-44.6	182	04	6098	-55.3	202	04	8098	-62.8	229	02	10606	-61.5				
27	4857	-46.7	154	03	6318	-54.6	153	04	8132	-60.5	132	10	10655	-61.9				
28	4834	-46.7	188	03	6288	-55.9	195	06	8094	-60.8	180	07	10611	-62.4				
MN	4935	-41.4	52	92	01	6420	-51.3	124	02	8245	-61.1	118	03	10754	-61.7			

Z ft	150 MBS				100 MBS				80 MBS				50 MBS				
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	
	gpm.	°C	%	dir. sps.	gpm.	°C	%	dir. sps.	gpm.	°C	%	dir. sps.	gpm.	°C	%	dir. sps.	
01	12636	-63.7		110	06	15098	-67.9	078	05	16428	-71.1	027	03	19182	-74.1	359	11
02	12692	-63.0				15130	-66.9										
03	12588	-63.7		071	06	15053	-68.0	035	06	16389	-70.9	023	06	19130	-76.2	320	08
04	12693	-64.6		094	05	15126	-71.2	049	01								
05	12639	-65.0		004	01	15062	-69.6	333	01								
06	12571	-63.3		234	09	15024	-69.9	288	09	16342	-73.2	283	07	19049	-77.8	284	10
07	12601	-61.3		188	13	15072	-69.0	205	16								
08	12524	-62.5		195	11	15003											
09	12560	-62.8		197	19	15034	-67.0	200	18	16368	-70.5	198	19				
10	12556	-62.3		155	14	15048	-67.3	182	15								
11	12516	-62.6		155	07	14994	-67.7	117	03	16329	-69.9	108	08	19094	-74.3	055	09
12	12518	-65.9		195	05	14961	-70.5	122	02	16278	-72.3	144	02	19016	-75.1	037	08
13	12600	-67.4		150	09	15030	-70.2	115	07	16347	-71.6	082	06	19095			
14	12472	-65.6		097	09	14917	-68.5	090	10	16244	-71.4	098	08	18981	-75.9	072	06
15	12408																

SUMMARY OF CONSTANT PRESSURE DATA

MARCH 1959

ALERT, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. 74082 LATITUDE 82°30'N LONGITUDE 62°20'W ELEVATION 66 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	992	-38.9	66	270	01	0009	.	.	1158	-31.0	73	235	04	2336	-31.1	53	226	05		
02	993	-37.2	66	090	00	0020	.	.	1163	-29.1	55	298	01	2549	-31.0	40	261	05		
03	996	-34.0	51	000	00	0037	.	.	1192	-27.0	58	212	01	2643	-31.4	43	249	11		
04	1000	-27.8	66	270	07	0066	-27.8	66	270	07	1244	-24.1	70	243	05	2643	-30.4	74	302	07
05	1004	-28.9	62	000	00	0088	-28.4	63	000	00	1255	-23.4	74	276	02	2635	-28.6	79	280	03
06	1007	-34.2	64	270	02	0115	-31.6	65	292	02	1274	-28.8	76	197	01	2654	-31.0	80	325	04
07	1011	-32.2	64	270	02	0143	-28.5	45	254	02	1309	-27.7	66	287	06	2692	-31.0	73	314	07
08	1007	-35.6	57	270	01	0114	-33.9	52	269	01	1271	-29.2	70	304	05	2653	-32.6	71	293	03
09	1001	-32.1	58	000	00	0076	-32.1	58	000	00	1227	-28.7	73	360	11	2659	-20.2	82	071	19
10	1001	-28.4	62	030	03	0073	-28.4	62	021	04	1258	-20.0	77	031	15	2688	-21.6	38	053	17
11	993	-33.3	51	000	00	0018	.	.	1187	-21.6	82	004	11	2621	-23.5	52	033	06		
12	992	-36.1	57	270	02	0007	.	.	1185	-20.8	71	176	06	2690	-19.1	41	189	10		
13	992	-34.9	47	270	03	0050	.	.	1218	-19.7	79	195	03	2667	-20.5	82	193	09		
14	1002	-35.2	54	000	00	0080	-33.0	51	000	00	1237	-23.2	68	234	02	2673	-23.5	78	138	03
15	1001	-35.2	47	270	03	0073	-35.2	47	270	03	1218	-27.8	74	220	01	2628	-24.8	78	100	04
16	994	-35.8	60	090	00	0037	.	.	1165	-34.1	57	271	06	2528	-31.8	70	355	09		
17	1003	-36.8	42	270	03	0087	-36.4	43	270	03	1231	-31.6	56	246	04	2592	-35.1	68	293	07
18	1004	-32.2	55	360	02	0094	-31.3	51	335	02	1255	-28.0	54	247	04	2633	-33.0	61	273	09
19	999	-32.4	44	270	01	0059	.	.	1212	-29.5	64	009	01	2586	-32.5	68	257	06		
20	1004	-36.8	44	270	01	0094	-34.4	39	280	01	1254	-29.5	45	301	03	2641	-30.1	44	304	04
21	1000	-32.3	62	000	00	0066	-32.3	62	000	00	1221	-27.8	72	337	12	2612	-29.9	60	050	06
22	1011	-34.4	72	270	01	0142	-30.0	68	320	01	1318	-23.9	76	036	05	2717	-29.7	76	033	03
23	1006	-33.3	62	270	03	0108	-29.7	61	281	03	1291	-23.4	78	338	06	2701	-26.8	61	355	03
24	1010	-27.6	73	240	02	0138	-22.4	66	251	02	1328	-22.1	72	276	03	2734	-29.8	77	279	10
25	1013	-24.6	69	030	02	0161	-23.3	66	295	04	1360	-22.9	76	295	11	2769	-26.3	76	320	16
26	1013	-24.7	63	270	03	0131	-19.9	68	352	03	1359	-21.5	79	266	07	2772	-27.4	84	309	08
27	1010	-28.9	69	000	00	0131	-25.7	67	000	00	1307	-25.7	79	327	10	2717	-28.5	78	357	08
28	1010	-37.0	71	270	02	0136	-30.4	64	293	03	1297	-29.5	73	234	06	2679	-32.6	73	029	07
29	1010	-34.2	54	260	01	0137	-30.5	62	261	02	1302	-28.3	73	003	04	2682	-33.6	71	016	05
30	1009	-32.4	65	270	01	0101	-30.2	60	270	01	1268	-29.4	71	321	09	2648	-32.8	75	345	05
31	1001	-32.7	50	270	01	0073	-32.4	58	270	01	1234	-28.4	74	290	03	2616	-32.0	74	309	04
MN	1003	-32.8	58	.	87	-31.0	58	.	1252	-26.4	70	318	03	2650	-28.8	67	336	03	.	.

Day	500 MBS				400 MBS				300 MBS				200 MBS				
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	
01	4848	-46.0	190	03	6305	-54.2	185	10	8128	-59.8	172	07	10652	-61.6	139	04	
02	4862	-45.0	124	03	6326	-53.2	105	08	8140	-60.7	080	07	10663	-61.0	061	04	
03	4901	-43.6	298	04	6368	-53.2	340	04	8179	-62.8	016	06	10678	-62.1	002	07	
04	4970	-45.1	325	07	6426	-54.7	318	07	8233	-60.6	357	08	10731	-61.4	327	09	
05	4989	-44.4	314	08	6439	-53.3	345	14	8290	-58.1	338	10	10825	-60.7	334	10	
06	4979	-43.6	335	05	6450	-52.4	339	06	8285	-58.5	341	12	10859	-55.0	339	11	
07	5010	-43.7	321	11	6484	-51.0	326	17	8328	-55.5	320	14	10932	-52.7	315	13	
08	4974	-42.6	123	03	6436	-49.7	113	06	8319	-52.2	338	03	10957	-50.9	302	10	
09	5074	-36.7	71	068	19	6582	-48.1	075	15	8421	-60.6	078	22	10980	-55.4	342	05
10	5119	-35.3	A21	204	12	6632	-48.0	.	.	8479	-58.9	.	.	11023	-54.7	224	09
11	5028	-35.7	A21	204	12	6542	-46.4	194	14	8414	-53.9	201	12	11029	-52.7	224	09
12	5064	-35.7	50	180	16	6576	-46.7	175	13	8430	-55.8	185	13	11040	-51.3	221	12
13	5099	-36.2	53	170	14	6605	-48.2	183	13	8452	-58.7	196	13	11056	-50.2	209	15
14	5071	-37.5	61	163	06	6580	-46.5	166	14	8445	-57.4	170	20	11045	-50.2	222	18
15	4999	-39.2	39	150	10	6349	-49.3	149	10	8344	-52.9	164	10	11006	-47.2	199	18
16	4875	-41.8	019	14	6354	-50.1	023	10	8242	-46.8	170	07	10947	-44.8	198	19	
17	4900	-44.2	322	12	6370	-52.6	339	14	8218	-52.3	280	05	10793	-46.8	214	10	
18	4950	-44.4	304	05	6412	-54.1	318	07	8235	-55.0	272	04	10861	-49.6	225	11	
19	4898	-44.8	271	04	6361	-53.2	244	05	8193	-57.0	218	05	10818	-50.4	227	14	
20	4983	-41.9	043	11	6463	-50.9	051	17	8314	-53.6	066	08	10933	-52.5	208	11	
21	4967	-39.9	A22	131	07	6464	-48.2	155	10	8324	-49.5	157	07	10944	-51.8	207	13
22	5069	-41.0	067	05	6561	-48.6	085	06	8450	-49.5	206	20	11104	-49.9	221	27	
23	5068	-38.6	A22	233	09	6580	-45.9	232	26	8454	-49.1	232	19	11119	-44.9	229	21
24	5077	-41.8	282	10	6562	-49.7	278	12	8425	-51.0	294	11	11103	-46.6	237	16	
25	5128	-41.0	351	19	6610	-50.9	395	15	8446	-53.1	.	.	.	.	.	.
26	5119	-42.3	322	13	6579	-49.1	342	13	8439	-53.7	310	13	11079	-50.7	262	03	
27	5048	-44.1	347	10	6507	-52.8	341	10	8357	-52.4	316	06	11021	-46.6	242	05	
28	4983	-46.8	029	06	6445	-51.3	027	06	8321	-49.4	351	03	11003	-45.4	201	05	
29	4982	-46.1	059	05	6447	-53.0	038	03	8307	-50.7	160	04	10970	-48.9	185	08	
30	4960	-43.1	341	02	6438	-50.8	030	02	8315	-49.5	187	06	10986	-48.6	167	09	
31	4934	-43.0	324	03	6415	-48.6	206	05	8300	-48.7	187	08	10984	-46.8	178	12	
MN	4998	-41.8	40	341	02	6480	-50.5	309	01	8330	-54.6	213	03	10947	-51.4	227	08

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12421	-64.3	134	03	14879	-68.6	154	03	16210	-69.9	166	04	18989	-71.1	207	01
02	12441	-69.3	077	01	14915	-66.5	140	01	16262	-67.3	341	03	.	.	.	.
03	12450	-63.3	351	07	14929	-66.1	333	08	16284	-64.9	334	11	19148	-63.6	334	15
04	12535	-62.0	334	11	15030	-64.8	330	14	16389	-64.8	319	16	19282	-60.0	325	28
05	12620	-60.1	345	14	15140	-60.7	325	18	16533	-58.7	327	23	19516	-53.7	329	45
06	12688	-56.7	323	18	15271	-54.9	320	31	16699	-54.4	322	39	19877	-48.2	.	.
07	12798	-50.4	310	17	15426	-53.0	302	27	16835	-54.3	293	39	19865	-55.1	.	.
08	12817															

SUMMARY OF CONSTANT PRESSURE DATA

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MARCH 1959

ALERT, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74082 82°30'N 62°20'W 66 METERS

STATION	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)				
01	993	-37.2	59	270	02	0014	.	.	1169	-29.4	58	228	02	2551	-32.4	57	248	04		
02	994	-37.2	66	000	00	0023	.	.	1172	-30.3	70	266	02	2550	-33.1	61	231	06		
03	998	-32.6	58	060	02	0050	.	.	1215	-26.9	63	000	00	2595	-32.5	66	274	11		
04	1003	-28.2	66	000	00	0088	-28.2	67	000	00	1260	-25.3	68	298	08	2654	-29.9	73	283	06
05	1003	-30.5	69	270	03	0088	-30.0	68	255	02	1249	-26.2	72	210	05	2635	-31.6	72	268	07
06	1010	-32.3	55	000	00	0137	-32.0	57	000	00	1300	-28.8	68	287	06	2685	-30.9	74	300	06
07	1009	-34.4	64	000	00	0130	-30.0	53	000	00	1292	-29.8	69	263	04	2673	-31.9	70	312	09
08	1003	-37.9	64	000	00	0088	-37.0	66	000	00	1242	-28.2	69	343	04	2684	-29.5	51	093	05
09	999	-27.4	73	340	07	0056	.	.	1233	-19.7	77	026	17	2674	-22.1	79	052	23		
10	999	-30.3	62	360	03	0058	.	.	1240	-21.4	77	024	11	2670	-24.0	62	060	11		
11	991	-32.1	58	000	00	-001	.	.	1179	-20.4	74	106	06	2627	-19.4	25	177	04		
12	995	-34.1	51	000	00	0028	.	.	1202	-19.1	64	191	05	2657	-18.7	72	175	09		
13	1000	-34.7	48	270	03	0066	-34.7	48	270	03	1226	-21.6	75	175	02	2669	-21.3	74	123	05
14	1004	-35.0	48	270	01	0094	-34.4	51	240	01	1251	-26.1	74	204	03	2669	-24.9	78	229	04
15	996	-34.1	72	340	01	0039	.	.	1169	-33.4	67	007	05	2555	-26.4	72	060	08		
16	1000	-36.7	56	000	00	0066	-36.7	56	000	00	1198	-34.9	62	281	05	2554	-34.0	69	329	07
17	1004	-34.8	60	000	00	0094	-34.2	58	000	00	1241	-30.1	63	232	08	2610	-32.6	68	278	11
18	1002	-30.0	62	250	12	0080	-29.9	61	290	12	1221	-31.2	58	226	06	2617	-33.2	63	261	09
19	1001	-37.8	66	250	04	0073	-37.1	64	250	04	1237	-31.9	73	350	07	2612	-31.8	75	041	07
20	1003	-34.4	60	260	02	0060	-34.4	60	260	02	1292	-28.1	75	327	07	2678	-27.7	75	022	05
21	1008	-30.7	58	000	00	0123	-28.8	64	000	00	1292	-28.1	75	327	07	2678	-27.7	75	022	05
22	1008	-32.3	55	360	02	0123	-31.7	57	005	02	1298	-24.5	80	006	09	2700	-28.1	70	052	07
23	1007	-27.4	62	290	09	0116	-25.0	60	290	09	1315	-23.6	65	303	06	2724	-27.7	72	075	05
24	1014	-25.4	70	090	03	0167	-25.9	66	112	04	1345	-25.3	71	280	07	2736	-30.2	75	306	15
25	1014	-20.7	71	270	02	0169	-20.3	69	244	02	1370	-22.1	75	294	11	2786	-27.1	76	319	11
26	1011	-25.2	63	270	02	0145	-23.0	71	305	02	1334	-23.2	80	296	05	2740	-28.1	80	337	07
27	1009	-31.7	55	270	05	0130	-30.8	70	292	05	1293	-26.1	76	099	10	2687	-31.2	46	019	09
28	1012	-35.4	60	270	01	0149	-30.6	59	282	01	1309	-29.5	71	016	04	2685	-33.7	63	026	07
29	1008	-34.4	60	000	00	0123	-32.6	60	000	00	1287	-28.9	72	338	06	2666	-33.4	79	008	05
30	1003	-31.4	57	000	00	0088	-29.7	59	000	00	1258	-28.8	73	323	04	2637	-33.1	77	226	03
31	1002	-35.9	47	270	01	0079	-35.0	50	265	01	1298	-29.5	73	321	07	2622	-32.4	75	293	04
MN	1003	-32.3	60	.	89	-30.9	60	.	1254	-26.8	70	321	03	2650	-29.3	67	331	03	03	

STATION	500 MBS				400 MBS				300 MBS				200 MBS						
	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)			
01	4854	-46.6	161	02	6305	-54.7	165	06	8119	-60.8	132	06	10631	-62.4	122	05			
02	4854	-45.0	080	03	6310	-55.0	056	11	8115	-62.4	055	08	10614	-62.8	048	04			
03	4916	-44.3	329	05	6380	-54.5	323	07	8177	-63.8	335	09	10668	-63.0	338	09			
04	4984	-43.2	295	08	6445	-53.9	341	07	8250	-61.1	340	09	10770	-61.0	352	10			
05	5017	-43.9	320	08	6435	-53.9	267	07	8252	-59.3	309	09	10802	-58.3	326	11			
06	5017	-43.8	321	10	6485	-53.9	320	12	8309	-56.7	322	12	10896	-54.5	316	12			
07	4990	-44.4	325	12	6470	-50.8	319	15	8320	-53.4	318	10	10942	-51.7	307	13			
08	5002	-38.6	52	102	26	6505	-49.4	106	41	8346	-56.0
09	5097	-34.1	71	221	66	6617	-46.6	.	.	8471	-60.0
10	5071	-38.1	A22	358	07	6581	-47.9	355	07	8438	-56.9	264	06	11035	-52.2	242	10		
11	5057	-34.6	11	6584	-45.5	215	09	8441	-59.3	206	11	11041	-51.7	213	11				
12	5086	-37.0	38	194	13	6589	-49.9	200	19	8422	-60.0	192	15	11031	-51.2	219	14		
13	5074	-38.8	66	159	12	6568	-49.0	162	17	8418	-55.9	179	22	11028	-51.0	196	17		
14	5039	-40.9	154	11	6555	-49.0	145	17	8382	-55.9	160	15	11018	-48.9	202	17			
15	4921	-40.5	096	12	6414	-49.4	085	10	8276	-50.6	144	10	10963	-45.5	203	18			
16	4871	-40.0	351	12	6340	-53.0	005	15	8207	-52.2	212	05	10898	-45.2	204	19			
17	4930	-44.8	301	12	6400	-52.9	326	09	8229	-55.4	265	05	10866	-48.5	228	10			
18	4931	-44.5	232	06	6390	-54.0	214	07	8217	-57.0	224	05	10836	-49.4	230	14			
19	4919	-44.1	036	06	6359	-53.0	053	10	8219	-56.5	043	02	10827	-52.5	218	12			
20	4945	-43.2	050	16	6421	-50.0	060	15	8294	-51.6	121	09	10919	-52.7	185	10			
21	5014	-43.1	069	05	6489	-51.3	060	05	8338	-54.2	188	04	10968	-50.4	207	16			
22	5056	-39.8	A22	198	06	6561	-46.1	207	22	8446	-51.0	214	23	11108	-47.7	216	27		
23	5082	-40.4	270	06	6580	-48.5	254	06	8451	-51.2	230	15	11308	-44.1	234	17			
24	5065	-43.1	329	13	6544	-50.3	334	15	8410	-50.5	314	13	11096	-44.3	259	12			
25	5139	-41.9	324	16	6623	-50.9	326	22	8457	-56.7	329	22	11090	-49.8	266	12			
26	5075	-43.5	344	06	6547	-51.5	318	06	8395	-52.9	325	06	11050	-49.2	280	04			
27	4998	-45.4	955	11	6463	-51.9	339	09	8334	-49.8	326	04	11009	-46.9	280	04			
28	4984	-46.0	027	07	6445	-52.6	066	05	8307	-49.2	221	02	10978	-46.7	154	03			
29	4976	-44.1	023	04	6447	-51.3	065	05	8319	-49.4	158	05	10980	-48.6	173	07			
30	4945	-44.0	956	02	6423	-49.9	000	00	8304	-49.4	168	08	10983	-47.3	179	07			
31	4940	-42.9	159	06	6422	-49.1	188	13	8306	-49.3	182	15	10988	-46.4	179	12			
MN	4993	-42.3	46	2	02	6474	-51.0	48	01	8320	-55.0	226	03	10939	-51.4	228	08		

STATION	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)
01	12399	-64.8	161	02	14857	-67.8	144	03	16196	-66.8	266	01	18994	-70.4	055	02
02	12382	-64.5	012	04	14844	-66.9	335	04	.	.	.	.	.	.	.	.
03	12433	-64.5	351	09	14905	-66.4	332	05	16255	-66.4	337	07	19338	-56.8	327	38
04	12549	-62.7	344	11	15047	-63.0	328	14	16419	-63.0	332	18	19579	-50.1	318	56
05	12611	-59.3	324	15	15151	-58.2	330	24	16561	-56.2	311	41	16791	-50.9	.	.
06	12743	-53.2	322	18	15353	-52.8	317	34	16791	-52.8	278	29	19789	-57.0	292	45
07	12801	-51.9	296	19	15407	-54.9	290	29	16825	-57.5	16787	-54.1	.	.	.	.
08	12793	-54.9	.	.	15370	-57.3	.	.	16902	-50.1	.	.	20002	-45.5	.	.
09	12856	-54.6	.	.	15456	-52.9	.	.	.	.	284					

SUMMARY OF CONSTANT PRESSURE DATA

APRIL 1959

ALERT, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCRASH RDF tracking equipment

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	1002	-33.3	54	000	00	0080	-32.9	54	000	00	1247	-25.8	62	043	02	2645	-29.5	47	195	01
02	1002	-31.1	65	340	01	0080	-31.1	65	340	01	1236	-29.3	72	347	06	2656	-18.8	78	127	13
03	1004	-30.2	62	000	00	0095	-30.2	62	000	00	1261	-26.1	69	251	03	2665	-25.5	74	187	03
04	1005	-31.8	55	000	00	0101	-31.0	56	000	00	1278	-24.2	60	000	00	2691	-25.0	73	098	03
05	1005	-28.2	66	000	00	0102	-28.2	63	000	00	1269	-29.6	72	359	10	2666	-22.5	75	058	13
06	1004	-22.3	71	240	05	0094	-22.4	70	238	05	1294	-23.8	49	193	04	2718	-22.4	61	139	06
07	1015	-26.3	66	000	00	0173	-26.6	57	000	00	1359	-20.2	44	331	03	2798	-20.4	74	081	12
08	1014	-22.4	71	000	00	0169	-18.1	60	000	00	1383	-18.7	60	314	07	2828	-21.9	78	354	17
09	1019	-23.7	74	000	00	0204	-21.3	68	000	00	1395	-23.9	76	043	02	2816	-23.7	78	071	10
10	1008	-21.3	59	000	00	0123	-26.8	59	000	00	1298	-28.9	67	215	05	2680	-32.4	38	135	06
11	1006	-26.3	63	220	11	0109	-25.9	61	220	11	1282	-26.7	52	224	14	2664	-32.3	61	226	19
12	1004	-16.2	79	240	11	0096	-16.0	73			1314	-20.4	50			2761	-22.8	60		
13	1013	-18.7	75	360	06	0162	-17.9	77	045	05	1384	-18.7	73	189	12	2820	-21.8	68	173	15
14	1016	-20.6	82	000	00	0184	-16.4	78	000	00	1411	-16.0	61	109	07	2866	-19.4	A17	139	05
15	1016	-22.2	82	000	00	0183	-20.2	60	000	00	1398	-16.0	65	264	04	2855	-21.3	75	214	03
16	1029	-23.0	74	270	02	0276	-20.9	64	165	03	1475	-20.5	62	246	03	2902	-24.4	A18	275	10
17	1027	-17.8	75	270	03	0268	-13.5	54	240	05	1502	-16.8	59	271	07	2941	-22.1	70	286	16
18	1026	-16.2	79	300	01	0259	-16.6	80	330	04	1476	-18.8	63	013	03	2920	-22.0	79	254	13
19	1028	-22.8	70	000	00	0270	-20.0	66	000	00	1473	-17.0	66	062	07	2923	-23.0	55	062	05
20	1029	-23.4	70	000	00	0276	-20.1	70	000	00	1491	-17.3	63	316	08	2932	-23.4	78	358	05
21	1020	-25.6	66	270	02	0211	-26.1	63	256	05	1395	-21.6	76	338	10	2818	-25.3	46	304	04
22	1022	-30.3	62	270	03	0221	-27.8	77	398	04	1401	-22.3	81	050	09	2823	-25.1	57	056	10
23	1025	-29.2	62	000	00	0242	-26.6	66	000	00	1422	-21.3	64	054	11	2862	-22.0	A18	076	06
24	1022	-26.4	70	000	00	0223	-26.1	66	000	00	1428	-18.2	66	059	14	2868	-22.5	51	073	15
25	1017	-21.7	74	270	02	0191	-16.7	60	312	04	1422	-14.8	62	075	10	2871	-21.2	56	073	09
26	1010	-16.7	79	000	00	0162	-14.3	65	000	00	1396	-11.5	63	135	08	2858	-19.8	50	143	05
27	1002	-07.6	92	225	09	0082	-07.6	89	226	10	1350	-09.2	29	305	05	2830	-16.8	39	220	07
28	1007	-13.9	80	340	02	0119	-13.8	78	000	00	1355	-15.6	45	232	05	2795	-23.1	34	198	09
29	999	-18.2	79	000	00	0059					1282	-15.0	49	070	06	2745	-18.8	A17	192	02
30	1000	-19.3	79	320	03	0066	-19.3	79	320	03	1294	-13.7	46	357	03	2758	-19.4	63	185	01
MN	1013	-23.1	71			162	-21.7	67			1366	-20.0	60	23	01	2799	-23.0	56	129	02

Day	500 MBS				400 MBS				300 MBS				200 MBS				
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	
01	4986	-41.0	72	178	20	6478	-48.5	180	29	8359	-49.5	174	23	11039	-46.9	172	15
02	5101	-34.4	72	135	15	6621	-46.1	132	14	8491	-57.0	136	15	11097	-49.6	149	15
03	5061	-37.2	69	192	02	6569	-47.5	270	01	8433	-53.1	096	04	11092	-46.2	151	11
04	5068	-39.7	66	080	03	6562	-50.0	099	09	8424	-52.0	110	07	11102	-44.0	155	08
05	5089	-34.6	66	072	25	6602	-48.5	071	28	8451	-54.7	076	26	11126	-44.2	110	07
06	5104	-37.8	A22	125	16	6609	-48.4	122	24	8484	-50.3	111	18	11175	-44.2	096	08
07	5222	-35.9	68	090	18	6736	-46.2	085	29	8590	-58.5	090	26	11228	-45.8	105	08
08	5236	-37.6	58	211	11	6740	-48.6	038	13	8600	-52.1	062	10	11287	-44.5	075	12
09	5206	-38.3	74	088	09	6708	-47.3	100	28	8585	-54.8	100	28	11265	-45.8		
10	5006	-41.4	109	17	6518	-41.4	115	13	8478	-40.2	121	09	11241	-40.1	151	06	
11	4989	-43.3	240	17	6491	-43.1	223	08	8445	-39.9	207	09	11210	-40.4	198	06	
12	5177	-36.3	48		6687	-47.0			8562	-49.0			11260	-43.8			
13	5230	-37.4	68	168	12	6735	-45.9	164	14	8614	-50.8	173	12	11300	-43.5	231	05
14	5298	-34.7	A21	202	06	6825	-44.9	231	07	8695	-54.7	230	09	11345	-46.2	218	05
15	5252	-36.4	44	171	03	6764	-47.6	176	02	8632	-51.8	229	02	11311	-45.9	258	08
16	5290	-39.9	37	285	15	6785	-47.0	255	07	8668	-51.0	256	09	11340	-46.2	260	09
17	5345	-36.5	68	284	21	6859	-46.2	280	20	8725	-55.4	285	22	11375	-46.5	251	14
18	5321	-37.0	68	280	15	6832	-47.3	256	15	8700	-51.6	250	15	11380	-45.0	275	09
19	5323	-36.7	35	032	05	6836	-46.7	048	05	8704	-52.1	049	07	11365	-44.6	357	09
20	5324	-36.7	33	335	07	6836	-46.1	010	07	8727	-48.7	018	07	11430	-43.0	043	04
21	5186	-38.4	38	280	10	6696	-44.8	293	08	8591	-47.6	300	08	11336	-41.6	360	06
22	5136	-39.2	110	07	6696	-47.4	120	09	8583	-47.4	104	08	11315	-41.4	082	05	
23	5264	-37.1	A22	601	05	6771	-47.3	065	07	8650	-50.2	068	10	11360	-42.0	047	05
24	5270	-36.9	59	068	13	6779	-47.5	068	10	8645	-51.8	070	19	11345	-43.7	043	05
25	5294	-33.5	60	072	13	6830	-44.4	068	07	8711	-53.0	072	09	11386	-44.0	076	03
26	5281	-34.1	44	164	07	6811	-43.2	168	13	8708	-50.9	141	15	11382	-45.2	184	03
27	5284	-32.2	46	194	16	6820	-44.5	200	15	8686	-59.1	180	19	11328	-44.3	175	05
28	5194	-37.1	A22	200	15	6696	-48.7	210	19	8571	-48.7	197	19	11277	-43.1	206	05
29	5176	-34.8	60	226	15	6704	-44.2	226	22	8583	-53.4	216	14	11294	-44.6	216	05
30	5175	-35.3	76	195	03	6694	-46.2	165	08	8572	-49.6	174	10	11280	-43.3	191	14
MN	5198	-37.0	52	149	03	6710	-46.4	139	04	8589	-51.1	147	05	11275	-44.3	167	03

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12949	-46.4	180	13	15650	-43.3	186	19	17156	-41.7	198	21			195	18
02	12995	-46.9	157	12	15698	-44.5	175	22	17200	-41.8	182	20	20403	-38.9		
03	13017	-43.2	169	14	15770	-40.6	185	19	17282	-42.6	189	16	20466	-40.3	207	12
04	13043	-42.0	180	08	15792	-42.3	181	08	17307	-40.3	194	09	20513	-40.3	270	07
05	13066	-42.2	159	07	15815	-39.6	155	07	17339	-40.6	192	07	20537	-40.6	190	04
06	13115	-41.5	093	07	15870	-40.4	148	04	17392	-40.1	170	05	20579	-42.6	194	04
07	13161	-43.7	136	07	15898	-41.9	144	06	17413	-41.4	133	03	20588	-43.2	151	04
08	13216	-44.6														

SUMMARY OF CONSTANT PRESSURE DATA

MAY 1959

ALERT, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

Z	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude opm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	1009	-17.3	83	360	02	0133	-17.9	82	318	03	1359	-16.8	74	191	04	2811	-21.1	72	128	08
02	1015	-12.7	80	180	17	0179	-12.9	79		1401	-21.0	58		1796	-33.8	61				
03	1025	-17.0	79	000	00	0232	-12.8	65	000	00	1468	-23.2	62	185	08	2868	-29.9	68	164	11
04	1030	-19.1	75	000	00	0287	-13.5	69	000	00	1512	-16.9	48	152	03	2950	-23.9	41	152	01
05	1025	-18.4	79	270	03	0250	-17.8	78	320	05	1468	-16.6	50	051	10	2915	-21.5	418	075	04
06	1015	-18.4	79	270	02	0177	-6.6	66	226	03	1401	-12.1	30	065	07	2875	-17.7	417	069	01
07	1008	-17.5	83	270	01	0126	-17.2	78	293	01	1360	-11.7	32	069	03	2837	-17.6	60	184	03
08	1001	-17.8	79	315	02	0073	-17.8	79	315	02	1306	-11.8	27	295	03	2778	-18.1	37	119	04
09	997	-16.2	83	270	01	0039				1279	-12.6	50	021	02	2747	-18.8	43	000	00	
10	993	-16.9	79	360	01	0011				1243	-18.0	68	222	05	2695	-21.2	76	227	05	
11	1007	-15.9	79	360	02	0194	-15.9	77	335	03	1349	-16.0	72	269	15	2782	-24.0	70	261	08
12	1017	-14.0	76	045	02	0194	-14.4	75	130	04	1415	-20.4	61	229	13	2836	-26.2	39	230	03
13	1020	-12.6	87	270	13	0216	-13.5	78	265	13	1437	-19.5	52	275	04	2862	-24.9	71	354	10
14	1019	-14.4	83	000	00	0208	-15.4	78	000	00	1429	-18.0	61	343	01	2859	-24.8	73	280	04
15	1018	-13.6	80	090	03	0202	-14.1	78	153	03	1434	-14.7	58	225	06	2880	-23.1	61	249	03
16	1020	-13.2	83	045	02	0216	-14.1	82	000	00	1445	-16.0	75	244	12	2892	-22.4	74	234	10
17	1026	-14.4	83	360	02	0259	-15.7	84	347	02	1472	-18.6	60	268	07	2904	-25.1	80	235	12
18	1028	-12.9	76	000	00	0277	-11.0	64	000	00	1527	-11.7	61	239	02	2997	-18.7	58	315	06
19	1017	-13.1	83	290	02	0194	-11.8	59	000	00	1457	-06.5	34	103	04	2949	-15.2	28	200	01
20	1011	-10.3	80	000	00	0190	-09.8	74	000	00	1420	-05.5	37	080	03	2920	-13.6	26	216	04
21	1007	-11.7	76	330	03	0119	-11.8	76	342	03	1369	-06.9	36	079	06	2876	-12.9	416	148	08
22	1013	-11.2	80	000	00	0165	-12.1	81	000	00	1427	-04.0	27	114	04	2946	-10.2	415	121	07
23	1011	-11.7	84	360	06	0145	-12.3	86	354	06	1399	-06.4	58	057	11	2914	-10.3	415	076	07
24	1011	-11.7	84	045	08	0149	-11.7	84	044	08	1378	-13.3	85	034	11	2851	-16.7	38	071	05
25	1010	-10.9	84	360	05	0143	-10.8	84	357	05	1375	-16.0	85	051	06	2840	-17.2	80	189	06
26	1009	-10.6	80	000	00	0135	-09.3	73	000	00	1400	-09.9	78	172	09	2892	-13.9	45	190	07
27	1006	-09.2	82	270	02	0113	-09.7	92	278	02	1376	-04.1	49	559	04	2889	-10.9	29	098	03
28	1005	-08.6	88	000	00	0105	-09.0	88	000	00	1379	-02.7	34	025	06	2891	-12.2	39	228	06
29	1006	-09.9	92	000	00	0112	-10.0	90	000	00	1392	-05.2	67	208	03	2899	-13.9	52	182	04
30	1001	-07.2	92	360	04	0074	-07.2	92	358	04	1340	-05.1	82	606	11	2853	-10.7	57	104	13
31	997	-03.1	85	315	09	0045				1318	-04.8	50	264	10	2821	-13.8	56	232	10	
MN	1012	-13.2	82			157	-12.9	79			1398	-12.4	56	184	01	2865	-18.8	49	183	02

Z	500 MBS				400 MBS				300 MBS				200 MBS								
	Altitude opm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.					
01	5219	-35.0	74	133	17	6751	-43.5		153	22	8641	-54.2		156	30	11330	-44.3				
02	5120	-36.7				5120	-36.7				6638	-43.1				8573	-40.9				
03	5214	-42.0		137	10	6722	-44.0		123	19	8644	-43.9		105	07	11391	-41.3		199	04	
04	5337	-37.8	A22	132	05	6840	-47.8		118	10	8722	-46.9		100	04	11451	-41.8		080	02	
05	5315	-37.5	A1	057	01	6826	-46.6		119	02	8730	-45.4		076	04	11464	-42.1		105	05	
06	5300	-34.8	A21	273	02	6820	-45.9		291	05	8708	-47.7		083	02	11432	-41.8		090	03	
07	5267	-35.2	59	144	03	6790	-44.9		253	07	8687	-48.9		289	10	11396	-42.4		102	03	
08	5198	-35.2	38	175	04	6729	-41.3		267	06	8640	-51.2		305	11	11331	-42.5		171	02	
09	5181	-34.6	53	175	03	6710	-43.0		171	03	8611	-52.9		097	07	11320	-41.5		158	03	
10	5095	-36.2	96	196	07	6626	-43.1		163	13	8549	-43.7		140	14	11303	-40.0		179	11	
11	5169	-39.5	96	229	03	6677	-46.5		227	12	8575	-43.6		191	06	11343	-38.9		175	14	
12	5205	-39.0	023	07	6701	-47.8		035	09	8600	-44.1		095	04	11369	-39.0		228	06		
13	5248	-37.8	68	340	08	6758	-46.4		328	17	8647	-46.1		322	05	11405	-38.9		210	07	
14	5247	-37.3	37	325	06	6754	-47.8		334	08	8642	-46.4		280	12	11383	-41.5		175	05	
15	5278	-36.8	64	242	12	6788	-47.0		252	15	8675	-46.6		230	11	11419	-40.6		213	06	
16	5294	-35.9	62	211	21	6810	-46.0		210	25	8702	-45.2		224	15	11445	-40.4		244	08	
17	5281	-40.0	58	238	15	6790	-42.8		243	22	8732	-41.8		248	13	11494	-40.2		000	00	
18	5416	-35.4	57	303	12	6945	-43.8		310	19	8832	-49.7		295	20	11531	-44.5		286	14	
19	5413	-30.8	A20	105	01	6962	-41.6		291	02	8858	-53.0		000	00	11535	-44.7		290	01	
20	5397	-29.7	A19	173	08	6947	-41.6		255	04	8850	-52.9		255	04	11527	-44.2		273	07	
21	5365	-28.8	53	174	11	6953	-38.5		68	183	12	8848	-52.9		195	11	11510	-43.9		163	03
22	5453	-26.9	A19	128	09	7021	-39.0	A22	113	07	8932	-52.0		105	07	11584	-46.0		150	04	
23	5429	-27.0	A19	071	09	7001	-38.9	A22	058	06	8916	-51.3		027	07	11590	-45.0		117	04	
24	5304	-31.1	A20	287	01	6847	-42.1		210	04	8761	-45.2		130	01	11507	-41.0		079	04	
25	5286	-33.4	63	246	17	6822	-42.5		252	22	8761	-40.2		256	10	11540	-39.5		249	03	
26	5361	-30.1	32	181	14	6910	-41.3		178	21	8822	-46.2		189	16	11567	-40.0		285	08	
27	5404	-26.5	A19	124	03	6980	-37.3		39	182	07	8920	-49.3		202	18	11608	-42.5		182	09
28	5381	-28.3	54	170	05	6951	-37.8		38	136	04	8873	-49.4		107	07	11573	-43.1		093	05
29	5390	-27.6	38	166	10	6958	-39.7		34	175	13	8867	-54.0		174	17	11560	-41.9		170	03
30	5362	-26.8	58	136	10	6931	-38.7		64	123	16	8865	-46.9		155	15	11591	-41.8		186	07
31	5310	-28.0	32	193	12	6892	-35.2	A21	206	19	8838	-45.8		224	15	11563	-43.9		214	19	
MN	5298	-33.6	45	188	04	6833	-42.8		39	201	06	8743	-47.7		191	04	11464	-42.0		192	04

Z	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude opm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	13277	-42.2			16002	-44.7			17493	-44.0			20647	-42.9		
02	13276	-42.4			16007	-44.8			17499	-44.7			20642	-44.5		
03	13339	-42.4		317	02	16070	-43.3	346	02	17570	-43.9	330	01	20719	-44	

SUMMARY OF CONSTANT PRESSURE DATA

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MAY 1959

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74082 82°30'N 62°20'W 66 METERS

ALERT, N.W.T.

12 GMT.

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind				
	gpm. (Press. on Sta.)	°C	%	deg. mpa.	gpm.	°C	%	deg. mpa.	gpm.	°C	%	deg. mpa.	gpm.	°C	%	deg. mpa.				
01	1010	-12.8	66	230	15	0142	-12.2	63	258	14	1370	-20.0	51	159	25	2798	-24.7	A18	155	08
02	1021	-18.8	63	080	02	0221	-15.7	57	666	66	1436	-22.0	63	200	09	2834	-31.5	63	172	11
03	1029	-13.6	60	260	04	0283	-14.5	62	215	07	1495	-22.3	68	167	07	2921	-25.3	41	201	04
04	1029	-19.1	71	000	00	0281	-16.4	63	666	66	1501	-16.5	37	074	06	2947	-22.3	34	078	03
05	1020	-18.4	71	020	02	0213	-18.4	70	308	06	1432	-13.8	40	358	07	2893	-20.3	A17	080	02
06	1010	-18.6	71	270	02	0141	-16.7	64	666	66	1379	-10.1	A15	666	66	2860	-17.2	38	282	04
07	1004	-18.8	68	320	01	0096	-18.7	68	000	00	1328	-12.2	58	000	00	2797	-18.3	50	134	06
08	1000	-15.6	75	000	00	0066	-15.6	75	000	00	1299	-12.7	38	094	02	2770	-18.6	41	121	09
09	993	-18.4	83	000	00	0011					1240	-14.0	55	666	66	2702	-19.6	46	115	03
10	1001	-16.7	87	070	02	0073	-16.6	86	080	02	1298	-15.6	78	242	11	2746	-23.0	77	237	08
11	1013	-16.4	50	000	00	0163	-15.1	55	000	00	1397	-18.8	62	226	10	2817	-24.8	49	210	07
12	1011	-14.8	76	270	09	0223	-12.8	71	225	05	1439	-21.3	78	011	05	2852	-26.3	80	004	06
13	1017	-11.8	63	270	09	0209	-12.8	50	260	08	1434	-17.5	60	314	01	2868	-24.1	77	305	04
14	1017	-11.8	84	270	03	0195	-10.8	85	241	04	1431	-16.0	57	057	05	2871	-23.4	70	245	07
15	1019	-13.5	58	200	00	0208	-14.7	65	000	00	1439	-15.4	65	209	06	2886	-22.2	61	225	07
16	1022	-14.1	70	040	02	0231	-15.1	74	666	66	1456	-14.7	79	666	66	2905	-22.8	77	224	06
17	1031	-13.4	52	130	02	0297	-15.8	57	135	02	1512	-19.7	64	315	08	2959	-20.7	56	332	10
18	1022	-13.1	53	000	00	0232	-13.5	58	000	00	1491	-07.7	63	000	00	2977	-16.4	38	000	00
19	1014	-11.8	51	315	02	0173	-11.0	50	329	02	1437	-06.4	42	100	05	2932	-13.9	29	157	04
20	1008	-11.1	79	315	02	0128	-11.4	77	000	00	1393	-05.9	26	110	05	2892	-14.6	33	163	06
21	1010	-11.5	86	300	05	0142	-12.1	86	320	06	1390	-07.2	44	095	08	2913	-10.1	A15	125	07
22	1013	-12.6	81	000	00	0164	-13.7	79	000	00	1425	-04.9	32	113	02	2941	-10.2	A15	122	03
23	1011	-09.4	82	360	09	0150	-10.0	83	350	09	1396	-10.7	86	228	12	2883	-14.2	A16	350	09
24	1011	-10.4	79	300	05	0148	-11.5	80	358	05	1380	-12.0	87	084	04	2851	-17.2	31	215	03
25	1008	-12.8	75	270	02	0127	-12.7	73	000	00	1359	-12.5	73	195	06	2828	-14.8	62	203	12
26	1008	-11.4	60	310	02	0127	-11.8	65	315	03	1390	-04.9	66	085	05	2898	-12.7	35	144	05
27	1006	-11.1	75	000	00	0112	-11.8	77	000	00	1376	-04.4	48	317	01	2885	-12.1	28	164	03
28	1006	-09.4	80	000	00	0112	-10.0	81	666	66	1388	-04.3	54	666	66	2899	-12.7	45	666	66
29	1005	-09.8	76	315	02	0105	-09.9	77	320	02	1380	-04.2	67	000	04	2888	-12.7	67	137	07
30	998	-04.4	89	330	08	0047					1325	-05.2	87	099	04	2842	-08.8	32	164	06
31	1000	-01.2	67	330	02	0066	-01.2	67	330	02	1336	-08.6	82	666	66	2827	-13.7	32	208	12
MN	1012	-13.2	71			158	-13.2	68			1398	-12.3	58	130	02	2867	-18.4	44	184	03

Day	500 MBS				400 MBS				300 MBS				200 MBS										
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind							
	gpm.	°C	%	deg. mpa.	gpm.	°C	%	deg. mpa.	gpm.	°C	%	deg. mpa.	gpm.	°C	%	deg. mpa.							
01	5186	-36.8	A22	130	28	6701	-45.7						8594	-47.0									
02	5163	-44.4		139	14	6672	-43.1			122	20	6614	-42.1		131	10	11320	-41.7		000	00		
03	5299	-39.4		38	156	05	6797	-48.7			124	10	8685	-46.0		124	08	11416	-42.4		090	03	
04	5351	-36.9		44	045	03	6862	-47.4			046	04	8751	-46.2		083	04	11485	-41.6		102	05	
05	5311	-35.6	A21	123	03	6830	-45.7					666	66	8737	-45.4		080	05	11470	-41.8		081	04
06	5297	-34.7		44	000	00	6820	-45.3				295	04	8713	-47.7		319	09	11431	-42.1		074	05
07	5221	-35.2		49	159	05	6749	-43.6				273	10	8652	-51.7		275	08	11352	-42.7		320	02
08	5199	-34.0		62	185	05	6737	-41.0				167	03	8650	-51.7		143	01	11349	-42.0		152	07
09	5121	-36.2		93	105	11	6636	-45.7				103	14	8548	-45.2		138	11	11290	-41.3		164	12
10	5145	-38.1		62	246	09	6664	-44.9				142	19	8510	-42.1		164	12	11341	-36.8		181	14
11	5199	-38.5		54	266	02	6705	-47.9				135	03	8599	-45.4		154	05	11367	-37.7		172	08
12	5229	-38.1		72	008	13	6740	-46.2				012	16	8636	-44.8		001	06	11403	-38.9		276	03
13	5261	-36.6		60	342	05	6775	-46.9				350	05	8669	-44.9		305	03	11429	-39.6		156	06
14	5273	-35.8		60	258	05	6786	-46.4				231	07	8676	-46.2		217	06	11427	-39.2		194	06
15	5304	-35.0		66	234	13	6827	-45.3				239	16	8711	-47.4		232	11	11449	-40.6		220	07
16	5302	-36.7		68	226	15	6815	-46.4				226	22	8722	-43.7		227	16	11474	-40.4		228	25
17	5380	-35.6		48	327	16	6899	-46.0				333	26	8790	-47.1		315	24	11518	-42.7		292	15
18	5435	-31.3		32	360	05	6981	-41.8				358	06	8880	-52.8		308	10	11559	-44.3		290	10
19	5416	-29.5	A20	142	03	6970	-41.6					065	04	8862	-53.2		004	04	11538	-44.8		290	04
20	5365	-29.3		58	200	10	6924	-40.0				219	12	8834	-53.3		229	15	11507	-44.3		226	04
21	5435	-26.9		139	08	7014	-37.7			54	124	05	8940	-52.0		110	03	11590	-44.4		115	02	
22	5437	-26.8	A19	124	05	7027	-39.0			31	202	02	8944	-52.8		263	04	11599	-43.5		134	04	
23	5369	-27.7	A19	011	06	6997	-39.8	A22	350	08	8847	-48.7		336	05	11561	-42.4		094	07			
24	5304	-32.2		A20	020	01	6984	-41.9				026	01	8759	-45.2		093	02	11511	-40.4		103	04
25	5278	-32.2		20	211	13	6828	-40.9				214	27	8750	-43.6				11514	-40.0			
26	5390	-28.2		30	192	09	6953	-40.0	A22	196	13	8874	-47.3		201	28	11596	-42.5		194	10		
27	5388	-27.1		64	107	06	6969	-35.7	A21	136	07	8907	-51.1		110	10	11578	-43.7		159	04		
28	5382	-28.4		42	158	08	6948	-40.3			154	08	8854	-51.6		159	14	11558	-42.5		125	06	
29	5396	-27.2		64	134	09	6967	-39.0			64	146	13	8884	-51.9		159	25	11566	-42.6		163	05
30	5356	-26.0		65	137	10	6939	-39.4			62	155	08	8896	-41.4		188	16	11647	-41.6		198	10
31	5316	-28.1		29	207	14	6889	-38.7			33	205	18	8813	-44.4		206	27	11556	-41.3			
MN	5307	-33.2		44	169	03	6845	-42.9			41	199	03	8754	-47.5		199	05	11477	-41.7		190	03

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind

SUMMARY OF CONSTANT PRESSURE DATA

JUNE 1959

ALERT, N.W.T.

00 GMT.

STATION INSTRUMENTATION
 USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. 74082 LATITUDE 82°30'N LONGITUDE 62°20'W ELEVATION 66 METERS

Z	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	1002	-01.9	88	000	00	0082	-02.0	88	000	00	1355	-08.7	82	250	06	2828	-18.2	85	263	12
02	1004	-04.8	88	045	01	0097	-05.0	88	057	01	1363	-06.6	86	190	02	2872	-11.5	32	275	11
03	1002	-05.7	84	090	02	0082	-05.8	85	090	02	1379	000.5	80	226	03	2921	-06.5	A15	285	06
04	1003	-05.4	84	340	02	0090	-05.5	83	241	02	1383	000.0	28	090	03	2923	-06.1	A15	212	03
05	1007	-05.6	88	045	02	0121	-06.2	88	021	04	1390	-05.0	50	003	09	2911	-09.0	28	306	05
06	1011	-05.8	84	270	03	0151	-05.8	81	110	02	1425	-04.4	33	017	03	2944	-08.0	35	352	09
07	1009	-03.9	81	000	00	0137	-03.9	78	000	00	1420	-03.8	60	063	05	2935	-10.4	39	359	06
08	1007	-03.1	92	090	01	0121	-02.1	87	103	01	1421	-02.8	41	055	03	2945	-09.0	A15	335	06
09	1010	-01.5	85	090	04	0146	-01.4	83	093	03	1438	-03.9	55	353	02	2955	-08.5	A15	274	06
10	1010	-02.9	92	070	01	0145	-03.4	84	075	01	1435	-04.1	62	156	02	2958	-07.8	83	308	01
11	1009	-03.7	96	000	00	0090	-04.0	94	000	00	1389	000.6	A14	122	04	2932	-05.7	24	106	05
12	1002	-04.1	96	360	02	0082	-04.3	94	356	02	1372	-00.7	A14	057	04	2906	-07.5	37	061	07
13	1005	-03.9	92	070	02	0105	-04.3	92	069	02	1401	-00.7	37	110	03	2926	-09.3	39	080	07
14	1012	-02.7	88	070	02	0160	-03.1	82	060	02	1446	-05.4	79	111	05	2952	-12.9	48	336	02
15	1011	000.0	85	320	02	0153	-00.2	83	325	04	1432	-06.2	69	329	12	2943	-11.9	37	002	07
16	1017	-00.4	100	110	04	0200	-01.3	98	145	03	1480	-08.0	89	284	10	2963	-16.9	82	268	12
17	1022	000.0	85	090	03	0240	-01.1	91	107	03	1524	-06.0	92	275	09	3010	-16.6	84	264	07
18	1012	000.2	96	160	04	0161	-00.1	95	160	04	1447	-07.1	83	271	08	2933	-17.1	77	296	12
19	1009	001.7	89	000	00	0138	-00.6	85	000	00	1414	-09.2	84	302	08	2887	-19.0	83	252	09
20	1010	-00.8	88	360	02	0146	-02.0	85	360	03	1418	-10.3	80	340	08	2892	-19.5	71	345	03
21	1004	-02.4	92	360	05	0098	-02.7	90	358	05	1370	-10.0	88	345	08	2847	-16.7	81	026	03
22	1000	-00.2	92	045	03	0066	-00.2	92	045	03	1349	-06.9	93	266	10	2840	-14.6	88	300	04
23	998	000.7	96	360	03	0048	-	93	000	00	1338	-06.2	81	237	08	2823	-16.3	83	250	04
24	1009	001.2	96	045	01	0138	000.3	92	033	01	1425	-06.8	88	263	09	2911	-17.6	82	251	09
25	1018	001.7	92	045	02	0210	000.6	89	117	01	1499	-06.2	87	251	08	2959	-17.6	81	259	08
26	1020	001.6	78	045	01	0223	000.0	78	069	02	1519	-05.2	50	272	04	3025	-10.6	68	279	08
27	1022	001.8	92	045	04	0240	-00.7	92	077	02	1551	-00.6	68	282	04	3083	-08.1	64	315	09
28	1018	003.5	85	000	00	0211	004.0	73	000	00	1528	000.9	56	328	04	3075	-05.8	43	076	02
29	1010	002.9	75	290	02	0147	002.4	70	300	04	1462	000.9	75	308	01	3004	-06.9	59	267	06
30	1006	002.1	85	090	01	0114	001.8	82	106	01	1437	002.1	60	257	06	2974	-08.8	81	295	09
MN	1009	-01.4	89			138	-02.0	86			1427	-04.3	63	291	03	2937	-11.8	54	288	04

Z	500 MBS				400 MBS				300 MBS				200 MBS					
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.		
01	5273	-32.1	A20	236	11	6812	-42.7	232	08	8760	-40.9	233	12	11535	-38.8	220	13	
02	5382	-26.9	A19	285	20	6953	-38.8	A22	283	48	8879	-47.1	276	28	11580	-44.1	270	10
03	5457	-23.8	52	275	11	7055	-32.5	A20	279	21	9027	-46.0	267	15	11656	-53.7	349	25
04	5478	-21.5	A18	241	05	7088	-32.4	A20	254	11	9055	-47.4	332	35	11629	-50.7		
05	5453	-22.9	45	293	17	7053	-33.1	A20	291	25	9017	-47.3	347	43	11613	-47.3		
06	5484	-24.0	31	317	10	7076	-35.4	A21	324	19	9018	-50.1	349	31	11641	-49.0		
07	5458	-24.8	A18	333	16	7044	-36.7	A21	337	23	8975	-49.7	298	14	11662	-48.1		
08	5481	-23.6	A18	344	11	7082	-33.7	A21	348	18	9033	-49.1	250	26	11641	-47.3		
09	5494	-23.0	A18	336	07	7104	-33.9	A20	305	11	9057	-49.3	324	14	11627	-47.8		
10	5499	-24.3	A18	284	07	7082	-37.5	A22	270	10	9019	-50.4	040	25	11591	-44.4		
11	5475	-24.5	A18	250	02	7068	-34.8	A21	334	08	9032	-49.7	073	17	11598	-43.0		
12	5434	-27.6	A18	048	12	7017	-36.9	A22	046	19	8945	-50.6	052	16	11566	-43.4		
13	5436	-27.6	31	068	08	7004	-39.6	A22	077	11	8911	-51.1	016	14	11619	-40.4		
14	5433	-20.8	54	040	05	6986	-41.3	039	07	8883	-55.1	052	16	11566	-43.4			
15	5438	-30.9	31	358	08	7000	-38.9	A22	001	09	8916	-52.8	016	14	11619	-40.4		
16	5429	-29.9	71	291	23	6997	-38.3	65	286	32	8920	-50.3	064	11	11626	-41.4		
17	5479	-30.0	72	298	06	7032	-41.1	302	10	8947	-46.9	306	10	11661	-42.4			
18	5409	-30.0	67	305	22	6965	-39.5	59	304	35	8899	-44.9	093	08	11606	-37.3		
19	5328	-32.2	71	312	08	6866	-43.2	315	05	8795	-40.8	326	07	11593	-36.9			
20	5335	-32.5	67	126	04	6873	-43.8	117	07	8809	-38.7	093	08	11606	-37.3			
21	5327	-27.9	72	062	10	6897	-39.6	65	063	08	8827	-43.8	074	11	11602	-38.2		
22	5326	-29.7	76	055	09	6883	-41.0	026	07	8817	-41.8	064	11	11602	-38.2			
23	5282	-31.8	74	311	02	6824	-42.0	017	03	8742	-41.2	355	06	11537	-36.9			
24	5366	-31.7	65	249	10	6909	-43.0	234	17	8832	-49.2	242	10	11610	-38.0			
25	5366	-31.6	55	273	11	6989	-42.9	260	14	8913	-43.8	273	08	11660	-40.9			
26	5550	-25.7	52	297	09	7131	-37.7	37	307	09	9049	-50.0	285	16	11764	-41.9		
27	5628	-24.0	A18	322	09	7216	-37.4	A22	308	08	9142	-50.1	307	12	11818	-44.9		
28	5626	-23.9	51	194	05	7218	-36.1	422	197	02	9152	-50.5	242	02	11505	-46.4		
29	5550	-23.2	65	268	14	7149	-35.2	54	266	16	9090	-49.9	279	28	11744	-46.1		
30	5530	-23.0	35	280	16	7130	-35.1	A21	275	19	9068	-50.6	284	07	11739	-44.9		
MN	5443	-27.0	44	301	06	7017	-38.1	30	300	10	8951	-47.4	325	09	11642	-43.7		

Z	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	13501	-41.7	212	14	16241	-44.6	248	05	17741	-43.0	234	02	20926	-41.1	038	04
02	13523	-40.8			16252	-44.9			17750	-42.3			20929	-40.5		
03	13556	-45.2			16275	-44.4			17755	-43.0			20933	-41.7		
04	13553	-45.5	240	02	16255	-45.6	147	06	17756	-43.0	095	05	20935	-41.0	151	02
05	13539	-44.3			16252	-43.0			17754	-43.1			20945	-40.1		
06	13538	-44.5			16252	-43.9			17756	-42.5			20923	-40.8		
07	13523	-45.7			16234	-43.4			17736	-42.1			20923	-40.8		
08	13565	-45.0			16287	-42.9			17797	-41.9			20996	-40.4		

SUMMARY OF CONSTANT PRESSURE DATA

JUNE 1959

ALERT, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiolonde, SCR658 RDF tracking equipment
 INDX No. LATITUDE LONGITUDE ELEVATION
 74082 82°30'N 62°20'W 66 METERS

Z	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.				
01	1004	-02.5	69	000	00	0098	-02.7	70	000	00	1363	-10.0	82	242	06	2850	-15.2	54	268	08
02	1003	-05.9	79	100	02	0090	-06.6	79	100	02	1366	-02.7	38	273	02	2893	-07.9	415	307	08
03	1002	-06.1	73	090	02	0082	-06.3	73	000	00	1379	001.2	114	147	02	2915	-07.3	415	281	01
04	1005	-04.9	72	060	02	0105	-05.4	73	031	03	1385	-02.3	31	029	04	2916	-07.7	415	170	01
05	1010	-06.5	68	360	02	0144	-07.0	72	360	03	1404	-06.6	48	008	05	2915	-10.0	30	343	08
06	1010	-05.2	74	090	02	0145	-05.0	74	104	02	1428	-03.4	55	033	03	2949	-09.1	46	307	05
07	1008	-02.6	76	080	03	0129	-03.9	75	090	03	1421	-04.1	45	121	07	2939	-10.4	32	011	03
08	1009	-00.6	64	090	01	0138	-02.1	64	070	01	1431	-03.2	43	265	03	2952	-08.3	26	280	06
09	1012	-01.9	73	070	02	0160	-04.5	74	084	02	1444	-05.3	34	250	02	2953	-10.2	415	248	12
10	1006	-04.4	92	090	02	0113	-05.1	87	091	02	1407	-00.7	29	113	05	2944	-05.6	415	081	02
11	1002	-03.8	75	000	00	0082	-04.7	75	000	00	1382	000.0	22	080	05	2920	-07.0	33	071	06
12	1003	-04.1	81	090	00	0090	-04.7	82	000	00	1374	-01.9	50	093	05	2896	-10.2	36	080	08
13	1009	-09.3	76	050	02	0137	-05.4	79	050	02	1424	-03.3	57	280	01	2939	-11.2	53	091	04
14	1014	-01.7	96	070	02	0176	-03.1	86	040	02	1467	-05.5	79	311	03	2968	-11.6	41	317	04
15	1013	000.3	70	100	03	0169	-03.8	72	109	02	1457	-06.9	92	302	12	2954	-13.2	46	285	14
16	1022	000.1	96	140	04	0239	-01.7	91	143	02	1520	-07.7	82	282	09	3000	-16.8	83	300	12
17	1017	000.6	91	130	03	0202	-00.3	89	145	03	1496	-06.1	73	285	05	2988	-14.8	78	286	09
18	1010	-00.8	100	090	02	0146	-01.5	99	032	02	1423	-08.6	67	312	13	2900	-17.8	80	329	11
19	1009	-00.3	97	000	00	0138	-00.8	96	000	00	1416	-09.3	88	329	08	2890	-19.5	80	303	05
20	1008	-03.6	92	360	02	0129	-04.8	90	360	02	1390	-11.0	89	360	07	2861	-18.3	73	054	04
21	1001	000.2	88	090	05	0074	000.0	88	094	05	1350	-09.3	88	295	05	2829	-15.8	82	060	01
22	998	001.9	82	230	09	0048	000.0	82	230	09	1320	-06.9	76	236	06	2803	-16.8	84	256	04
23	1002	003.7	70	230	10	0082	003.6	68	230	10	1376	-07.2	77	223	07	2856	-16.4	78	215	09
24	1014	000.2	100	360	02	0177	-00.4	97	348	02	1464	-06.4	86	258	05	2950	-17.0	82	260	06
25	1019	002.1	76	060	02	0211	006.1	76	110	01	1515	-06.3	74	250	01	3003	-12.3	35	288	05
26	1019	000.4	82	000	00	0219	006.3	56	000	00	1531	-02.7	78	311	06	3052	-08.6	80	304	07
27	1020	000.4	76	040	02	0224	-00.8	80	080	02	1539	000.8	80	295	04	3084	-05.0	37	345	05
28	1014	006.5	73	090	02	0180	006.8	62	194	02	1500	001.4	29	314	03	3042	-06.2	49	235	01
29	1008	007.3	51	150	01	0132	006.7	49	150	01	1444	000.0	07	222	05	2972	-08.8	45	276	11
30	1002	004.9	67	000	00	0082	004.8	66	000	00	1409	003.7	55	268	08	2959	-06.4	71	264	15
MN	1009	-00.9	79			138	-01.7	77			1427	-04.4	62	285	03	2936	-11.5	50	298	04

Z	500 MBS				400 MBS				300 MBS				200 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	5326	-29.8	45	267	19	6882	-40.7	266	21	8803	-45.2	260	23	11542	-41.7	264	28													
02	5429	-24.9	44	277	14	7012	-35.9	56	274	21	8964	-47.0	265	15	11605	-47.9	255	09												
03	5463	-21.3	A18	266	12	7079	-32.4	30	265	10	9049	-46.1	189	19	11642	-53.5	289	08												
04	5462	-22.7	34	289	07	7069	-31.8	A20	281	16	9041	-46.5	255	09	11597	-48.2	255	08												
05	5465	-23.9	A18	335	15	7035	-35.8	A21	340	23	8969	-50.9	356	49	11645	-48.3	340	04												
06	5478	-24.7	A18	325	14	7069	-35.8	36	313	20	9008	-50.5	345	17	11663	-49.8	340	04												
07	5474	-24.0	A18	339	11	7072	-34.3	A21	350	19	9024	-48.6	243	10	11626	-50.4	230	03												
08	5490	-22.0	A18	322	10	7098	-33.2	A20	340	16	9053	-48.4	284	20	11665	-46.9	274	05												
09	5484	-22.5	A18	237	08	7087	-34.5	A21	250	09	9032	-49.7	003	18	11620	-46.9	042	02												
10	5489	-24.0	A18	276	03	7079	-35.9	A21	271	11	9039	-49.4	060	24	11544	-45.0	069	15												
11	5459	-25.0	A18	016	06	7053	-35.4	A21	014	12	8994	-50.7	066	17	11615	-42.0	331	02												
12	5406	-27.9	A19	069	09	6976	-38.9	A22	060	25	8991	-52.4	066	17	11615	-42.0	331	02												
13	5433	-30.2	63	033	08	6989	-40.0	36	065	06	8902	-51.8	066	17	11615	-42.0	331	02												
14	5460	-29.2	43	028	06	7022	-39.4	A22	068	09	8940	-51.7	066	17	11615	-42.0	331	02												
15	5436	-29.6	65			6999	-39.6	61			8919	-49.9	301	11	11654	-41.1	316	11												
16	5466	-30.0	72	306	14	7019	-40.9	310	10	8926	-48.0	326	15	11700	-42.0	331	06													
17	5482	-26.3	44	300	12	7060	-37.2	42	301	15	8997	-48.0	310	14	11623	-37.0	010	08												
18	5360	-30.6	52	294	14	6908	-41.8	301	15	8838	-43.0	034	04	11600	-36.4	033	03													
19	5331	-32.8	67	323	03	6871	-44.2	198	03	8802	-40.6	20	5316	-31.0	A20	117	14	6885	-34.6	A21	109	43	8833	-45.0	081	18	11582	-37.2	075	17
20	5309	-28.9	68	090	12	6869	-41.2	090	08	8805	-42.2	050	09	11542	-36.8	077	06													
21	5273	-30.8	77	046	03	6823	-41.1	049	06	8751	-42.0	272	03	11566	-37.3	213	03													
22	5315	-31.9	74	264	08	6862	-40.9	223	07	8778	-41.9	244	08	11656	-39.1	243	06													
23	5408	-30.0	50	263	10	6956	-42.0	260	16	8877	-42.7	299	12	11708	-42.0	274	11													
24	5508	-26.7	57	308	04	7082	-38.9	42	314	08	8996	-52.1	299	12	11761	-43.7	296	10												
25	5572	-26.2	32	311	12	7142	-40.0	A22	307	15	9059	-47.5	300	16	11818	-46.8	281	09												
26	5639	-22.8	A18	325	08	7238	-35.5	A21	310	11	9180	-49.5	323	17	11740	-47.1	281	08												
27	5585	-23.8	A18	291	06	7179	-35.4	A21	320	12	9115	-51.1	292	08	11705	-45.5	284	09												
28	5515	-23.5	29	290	13	7113	-35.9	43	306	09	9045	-51.6	308	18	11729	-43.9														
29	5506	-22.6	63	287	12	7107	-33.9	52	291	19	9068	-46.5																		
MN	5444	-26.7	40	308	06	7021	-37.6	31	309	07	8957	-47.7	314	07	11640	-44.1	294	04												

Day	150 MBS				100 MBS				80 MBS				50 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. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	13500	-40.9			16244	-43.4			17743	-43.1			20923	-42.0		
02	13526	-43.2			16248	-45.0			17742	-42.7			20916	-41.8		
03	13563	-46.0			16272	-45.9			17769	-42.5	139	04	20943	-42.1	114	05
04	13539	-44.6	174	00	16243	-44.4	125	02	17745	-43.1	189	02	20919	-40.9	107	06
05	13510	-43.8			16229	-44.7			17725	-43.5			20900	-41.0		
06	13543	-45.2			16262	-43.6			17764	-42.8			20939	-42.5		
07	13557	-45.3			16277	-42.6			17783	-42.8			20963	-40.5		
08	13571	-45.5	350	02	16292	-42.8</										

SUMMARY OF CONSTANT PRESSURE DATA

JANUARY 1959

CLYDE, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

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

Z	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	1013	-22.8	67	135 13	0109	-22.3	66	165 11	1310	-21.6	50	290 06	2726	-26.6	66	285 13
02	1019	-10.9	78	225 08	0158	-09.9	47	000 00	1394	-14.1	A16	225 11	2851	-21.2	45	230 14
03	1025	-12.6	86	315 03	0208	-08.9	50	245 05	1469	-09.4	77		2949	-16.9	81	150 09
04	1037	-16.3	72	315 03	0291	-17.5	72	340 06	1536	-08.3	29	140 05	3035	-14.2	34	150 09
05	1039	-19.0	80	320 01	0282	-15.9	73	340 06	1478	-07.2	46	070 08	2988	-10.1	28	075 08
06	1022	-14.3	79	315 03	0183	-12.4	54	320 06	1445	-05.2	31	045 05	2959	-12.1	33	045 07
07	1026	-21.3	74	360 02	0214	-22.2	77	330 03	1448	-05.4	40	340 02	2951	-13.2	37	160 02
08	1032	-23.6	72	000 00	0246	-23.0	69	330 01	1471	-07.4	A15	270 03	2979	-09.8	28	220 09
09	1026	-18.0	77	000 00	0205	-18.7	74	000 00	1443	-04.6	54	320 02	2942	-14.0	73	210 14
10	1025	-15.7	75	320 05	0201	-16.7	73	320 05	1432	-12.4	89	235 04	2911	-15.5	A16	210 11
11	1026	-17.1	84	000 00	0204	-18.2	79	125 01	1409	-17.9	79	200 03	2881	-23.4	64	225 05
12	1022	-23.6	72	315 01	0173	-23.2	71	330 03	1364	-21.4	78	300 04	2801	-22.4	A18	270 06
13	1017	-25.0	74	000 00	0136	-24.5	70	000 00	1341	-16.2	25	185 01	2797	-19.1	57	200 08
14	1017	-30.7	75	000 00	0140	-25.1	77	165 01	1353	-14.2	A16	155 05	2821	-18.0	58	185 09
15	1020	-28.2	82	000 00	0162	-24.3	72	000 00	1363	-12.6	59	225 05	2840	-21.1	80	205 10
16	1031	-27.3	73	000 00	0241	-22.2	78	000 00	1473	-11.1	52	225 04	2952	-16.0	50	235 11
17	1031	-23.1	80	000 00	0244	-21.6	75	350 03	1469	-11.9	42	155 08	2950	-15.4	32	110 11
18	1035	-24.4	88	360 02	0194	-21.8	81	075 02	1440	-07.9	A15	120 14	2935	-14.0	37	130 16
19	996	-04.8	92	090 03	-018				1263	-06.7	96	140 25	2778	-06.3	95	
20	1008	-15.3	70	135 04	0077	-12.2	68	150 03	1322	-14.5	68	170 10	2976	-19.0	40	170 12
21	1012	-13.9	83	360 01	0110	-13.7	79	350 03	1343	-12.0	87	110 10	2807	-21.1	85	120 13
22	1016	-24.7	82	000 00	0131	-17.5	74	000 00	1354	-17.6	33	200 08	2792	-23.9	38	175 11
23	1017	-20.1	73	000 00	0142	-17.4	62	050 02	1366	-15.8	46	100 16	2807	-23.5	78	125 18
24	980	-15.7	83	315 21	-139				1094	-11.3	86		2556	-21.6	69	
25	980	-17.8	84	360 13	-135				1077	-21.6	84	010 07	2508	-23.3	82	095 12
26	993	-21.3	77	360 03	-038				1155	-23.2	76	090 07	2565	-26.8	73	110 11
27	999	-25.6	78	000 00	0011				1195	-25.2	78	110 08	2604	-27.8	77	110 11
28	1002	-25.2	70	000 00	0027	-24.6	68	000 00	1226	-21.5	75	130 10	2638	-30.1	74	135 19
29	1003	-18.4	75	340 04	0042	-19.4	76	340 04	1250	-21.2	82	040 10	2658	-30.3	56	090 08
30	1010	-21.3	74	045 03	0059	-21.9	72	020 03	1290	-21.7	79	020 14	2696	-30.8	74	
31	1011	-26.2	66	320 02	0097	-27.7	50	325 03	1283	-23.6	050	05	2683	-30.3	010	09
MN	1015	-20.2	77		127	-19.3	69		1351	-14.4	57	119 03	2810	-19.9	56	159 05

Z	500 MBS				400 MBS				300 MBS				200 MBS				
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	
01	5101	-40.4		285 17	6587	-50.9			8409	-62.8			10891	-60.7			
02	5250	-38.3	39		6750	-49.1			8579	-63.0			11035	-65.0			
03	5408	-30.8	72		6968	-39.7	66		8881	-55.2			11377	-72.2			
04	5533	-26.7	A19	130 07	7104	-36.8	A22	220 10	9019	-53.2			11514	-70.7	225	14	
05	5515	-24.0	A18	060 05	7105	-36.8	A21	060 09	9031	-52.4			11532	-72.5	080	18	
06	5487	-23.4	A18	040 03	7079	-36.2	A21	155 05	9008	-52.4			11510	-71.1	175	11	
07	5458	-27.0	A19	165 04	7031	-38.2	A22	155 11	8949	-53.1			11462	-67.6	175	20	
08	5490	-26.5	71	200 16	7069	-38.0	65	195 13	8982	-54.0			11465	-69.7	180	19	
09	5433	-27.5	83		6998	-39.3	72		8904	-54.8			11384	-68.1			
10	5387	-29.5	63	200 22	6945	-39.1	56		8851	-54.7			11345	-67.9			
11	5265	-35.6	A21	200 06	6778	-47.5			8653	-55.3			11017	-11191	-59.4	200 11	
12	5201	-38.1	A22	240 09	6711	-45.7			260 10	8588	-54.5			215 11	11164	-58.3	200 14
13	5240	-32.4	A22	195 17	6780	-43.4			200 22	8666	-55.3			175 26	11210	-60.3	
14	5263	-32.0	39	190 16	6798	-44.9			195 16	8660	-58.6			170 15	11159	-61.8	190 17
15	5260	-35.6	76	190 17	6774	-47.5			180 20	8620	-58.5			190 27	11153	-60.0	
16	5413	-32.2	52	245 17	6952	-43.3			230 22	8830	-57.7			11296	-66.6		
17	5412	-32.4	43	135 12	6951	-42.1			160 16	8843	-56.0			180 21	11315	-66.8	180 16
18	5433	-25.2	78		7022	-35.4	74			8964	-50.1			11491	-69.5		
19	5336	-22.3	80		6938	-22.3	80			8987	-49.3			11425	-69.3		
20	5223	-32.0	A20	150 31	6777	-40.0	A22			8690	-52.9			11241	-60.8		
21	5202	-36.0	64	130 32	6740	-41.9				8629	-54.6			11178	-60.3		
22	5192	-36.6	50	155 23	6705	-45.7				8569	-58.3			11100	-60.0		
23	5182	-39.5	63	140 14	6678	-49.0			135 10	8522	-58.3			185 12	11056	-62.3	180 11
24	4977	-32.4	68		6524	-39.9	55			8442	-52.2			10963	-62.3		
25	4882	-40.1	070	12	6387	-47.4	070	11	8241	-54.1	055	12	10859	-55.2	200	06	
26	4925	-39.9	110	11	6419	-49.3	100	11	8257	-59.4	095	07	10826	-57.0	115	05	
27	4958	-42.4	080	05	6430	-52.2	075	04	8253	-58.8	095	05	10820	-57.8	130	06	
28	4964	-42.5	185	07	6448	-50.9	200	09	8282	-59.6	180	11	10809	-59.7	165	13	
29	4985	-42.9	125	09	6464	-51.3	125	14	8293	-60.8	125	19	10813	-59.9	135	15	
30	5021	-43.8			6495	-51.3			8322	-61.5			10836	-60.4			
31	5008	-43.7	095	08	6483	-51.9	040	07	8311	-59.5	045	10	10847	-59.3	095	05	
MN	5239	-33.9	49	164 08	6771	-43.9	47		8650	-56.1			11169	-63.6			

Z	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12679	-61.7			15172	-65.9										
02	12791	-64.7														
03	13080	-70.5			15497	-71.4			16808	-73.7			19523			
04	13223	-69.6	250	14	15646	-71.0		270 20	16957	-74.2		260 21	19654			
05	13229	-70.4	000	00	15660	-70.9		245 14	16971	-73.7		235 16	19687			
06	13209	-67.9	195	07	15643	-69.7		230 11	16965	-72.4		245 12	19690	-78.2	245	17
07	13210	-65.1			15677	-66.3			17015	-70.8			19740	-78.0		
08	13196	-65.7	195	18	15645	-68.6		220 17	16967	-73.1		200 24	19679			
09	13127	-65.5			15664	-71.8			16872	-74.5			19574			
10	13093	-65.2			15920	-69.8			16851	-72.3			19567	-77.8		
11	12984	-62.0	215	09	15457	-68.0		310 03	16788	-70.8		325 04	19541			
12	12970	-60.5			15456	-65.7			16807	-68.2			19582			
13	12993	-62.8			15469	-67.2			16806	-70.2			19556	-76.6		
14	12945	-63.0	195	11	15416	-67.4		215 05	16752	-70.0		275 05	19501	-76.1	345	06
15	12939	-62.7			15412											

SUMMARY OF CONSTANT PRESSURE DATA

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JANUARY 1959

CLYDE, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

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

FT	SURFACE					1000 MBS					850 MBS					700 MBS				
	Altitude gpm. (from on Sta.)	Temp. °C	R.H. %	Wind		Altitude gpm. (from on Sta.)	Temp. °C	R.H. %	Wind		Altitude gpm. (from on Sta.)	Temp. °C	R.H. %	Wind		Altitude gpm. (from on Sta.)	Temp. °C	R.H. %	Wind	
				dir.	mps.				dir.	mps.				dir.	mps.				dir.	mps.
01	1013	-14.3	74	135	13	0114	-14.8	60			1338	-18.6	66			2781	-21.9	71		
02	1022	-18.8	81	360	02	0180	-10.0	35	270	03	1430	-12.7	26	215	12	2894	-18.4	A17	190	23
03	1033	-15.0	79	000	00	0258	-13.4	72	350	02	1527	-05.8	59	215	05	3022	-14.7	67	205	08
04	1034	-17.7	81	320	03	0264	-16.8	80	345	04	1511	-07.9	53	095	09	3015	-11.9	A16	095	07
05	1025	-15.7	75	315	03	0195	-15.7	63	320	05	1453	-06.3	32	245	08	2949	-10.8	29	265	11
06	1024	-17.6	68	360	01	0194	-18.6	58	340	06	1444	-07.0	33	000	00	2949	-12.7	29	010	04
07	1029	-21.8	77	270	03	0227	-22.3	77	325	05	1452	-07.8	42	150	08	2951	-12.4	A16	190	08
08	1030	-22.6	62	000	00	0235	-20.8	65	000	00	1463	-07.8	44	305	03	2970	-11.2	A16	215	08
09	1025	-18.4	75	000	00	0204	-18.8	72	160	01	1445	-09.1	73	170	02	2931	-14.8	A16	205	09
10	1026	-15.9	78	000	00	0207	-17.1	78	000	00	1416	-17.8	75	285	03	2864	-20.0	A17	230	13
11	1024	-20.4	76	000	00	0191	-19.7	76	000	00	1387	-19.5	79	330	02	2826	-22.2	28	200	06
12	1019	-31.3	85	000	00	0147	-25.3	74	000	00	1356	-17.3	32	305	01	2805	-21.0	40	195	06
13	1017	-30.8	75	000	00	0138	-24.6	71	666	66	1347	-14.9	27	666	66	2810	-17.8	50	205	08
14	1018	-32.6	65	000	00	0142	-25.6	72	000	00	1351	-13.8	36	155	06	2822	-17.7	52	165	09
15	1026	-28.4	73	000	00	0200	-23.7	73	275	01	1429	-14.2	73	215	05	2890	-18.5	A17	235	13
16	1033	-27.0	76	000	00	0252	-23.0	77	000	00	1483	-09.6	40	080	03	2971	-14.9	42	065	04
17	1029	-23.8	76	000	00	0221	-21.9	77	000	00	1458	-10.1	A25	195	07	2941	-15.6	A16	195	07
18	1028	-19.6	79	280	02	0178	-16.9	81	330	02	1325	-09.0	96			2833	-06.4	97		
19	994	-40.8	94	130	18	-028					1249	-07.0	86			2726	-17.4	66		
20	1013	-20.8	85	000	00	0110	-16.2	86	666	66	1346	-12.7	59	666	66	2813	-19.5	40	315	12
21	1011	-14.6	76	360	01	0102	-13.0	77	360	01	1328	-17.1	83	140	09	2763	-24.2	60	140	24
22	1019	-28.2	69	000	00	0155	-18.6	64	000	00	1377	-16.9	46	170	11	2815	-24.2	50	165	19
23	1002	-16.0	86	315	08	0027	-15.7	86	315	07	1269	-11.4	88	105	19	2729	-22.1	77	120	26
24	977	-17.3	79	360	15	-155					1059	-16.9	80	155	15	2519	-19.2	78	075	15
25	984	-17.8	79	360	08	-108					1093	-22.8	80	040	04	2514	-25.8	75	140	06
26	999	-23.9	83	000	00	0012					1193	-26.7	82	065	04	2597	-27.6	81	110	14
27	996	-17.8	48	180	02	-017					1179	-25.4	78	070	03	2583	-30.2	73	140	11
28	1003	-20.3	72	320	03	0039	-20.6	68	320	03	1238	-21.9	77	085	12	2645	-30.1	72	095	13
29	1008	-23.9	75	000	00	0074	-21.9	69	000	00	1276	-21.7	73	065	07	2681	-31.4	63	075	11
30	1015	-23.7	63	330	04	0111	-25.5	70	335	05	1295	-24.0	77	020	07	2697	-30.4	47	020	07
31	1002	-28.6	83	330	02	0027	-28.6	63	325	02	1202	-23.8	71	290	07	2602	-30.8	65	300	08
MN	1015	-20.8	75			122	-19.7	71			1346	-14.8	61	114	02	2804	-19.9	48	190	05

FT	500 MBS					400 MBS					300 MBS					200 MBS					
	Altitude gpm. (from on Sta.)	Temp. °C	R.H. %	Wind		Altitude gpm. (from on Sta.)	Temp. °C	R.H. %	Wind		Altitude gpm. (from on Sta.)	Temp. °C	R.H. %	Wind		Altitude gpm. (from on Sta.)	Temp. °C	R.H. %	Wind		
				dir.	mps.				dir.	mps.				dir.	mps.				dir.	mps.	
01	5176	-38.0	66			6670	-51.0			8481	-65.5					10935					
02	5322	-36.7	37			6829	-46.5			8629	-57.9					11187	666.6				
03	5509	-27.3	71	255	11	7093	-38.0	53	225	14	9003	-52.7			9003	-52.7					
04	5533	-25.4	A18	220	04	7112	-38.0	A22	320	03	9033	-52.4			005	10	11535	-70.5	355	15	
05	5496	-23.6	A18	265	07	7087	-35.9	A21	265	13	9016	-52.7			280	16	11516	-72.6	270	14	
06	5474	-23.8	A18	240	02	7067	-36.1	A21	205	10	8997	-52.5			200	10	11501	-70.8	185	12	
07	5456	-27.4	A19	220	13	7030	-38.5	A22	225	22	8942	-54.3			11430	-71.6					
08	5466	-28.1	67	200	22	7029	-40.0	66	205	26	8930	-53.2			11404	-68.1					
09	5410	-28.0	75	205	23	6980	-38.7	73			8892	-53.8			11384	-71.6					
10	5305	-32.4	A20	205	25	6848	-42.9				8737	-55.2			11247	-62.2					
11	5232	-37.3	43	170	12	6740	-47.1		160	17	8612	-54.6		180	16	11186	-58.0		200	17	
12	5237	-35.1	43	205	13	6747	-45.5		200	15	8637	-55.7		180	16	11182	-59.9		190	21	
13	5261	-32.8	31	230	08	6792	-45.2		230	10	8652	-58.4		170	15	11171	-61.2		180	14	
14	5261	-34.0	54	185	16	6787	-45.8		180	17	8646	-59.1				11157	-60.4				
15	5334	-32.0	41			6871	-44.1				8741	-58.4				11220	-64.4				
16	5432	-32.6	47	180	03	6967	-41.6		195	14	8837	-56.6			195	14	11297	-67.5	210	11	
17	5403	-31.7	57	160	11	6941	-43.6		200	19	8805	-60.1			220	26	11299	-63.4	220	14	
18	5415	-19.1	86			7036	-31.5	76			9005	-47.7			11550	-69.0					
19	5205	-28.5	46			6769	-38.2	38			8704	-50.9			11271	-58.6					
20	5238	-34.1	67			6793	-42.6				8680	-52.8			11214	-61.8					
21	5166	-35.7	33	145	30	6690	-44.7				8565	-55.7			11114	-59.6					
22	5192	-39.6				6652	-47.6				8548	-58.4			11083	-60.1					
23	5153	-32.4	68	145	12	6694	-42.0		140	20	8604	-52.6		160	14	11107	-64.7				
24	4934	-37.5	63	085	21	6519	-42.9		065	24	8350	-53.4			10908	-56.4					
25	4880	-41.0	130	13		6366	-50.2		125	11	8216	-53.8		105	09	10808	-56.8				
26	4948	-42.5				6422	-51.7				8255	-59.4			10812	-57.8				150	09
27	4909	-43.8	085	02		6380	-52.2		135	03	8205	-58.4		185	04	10762	-58.6				
28	4986	-41.5				6469	-49.5				8307	-60.6			10811	-59.5					
29	4999	-44.6				6468	-52.2		125	15	8290	-60.7		135	10	10801	-61.7			135	10
30	5018	-43.8				6488	-51.6		075	08	8310	-62.0		085	11	10821	-60.6			070	06
31	4937	-43.4	040	06		6407	-51.7		045	09	8249	-57.5		090	08	10812	-58.3			060	04
MN	5235	-33.9	47	180	08	6765	-44.2	44			8643	-56.1			11162	-63.3					

FT	150 MBS					100 MBS					80 MBS					50 MBS					
	Altitude gpm. (from on Sta.)	Temp. °C	R.H. %	Wind		Altitude gpm. (from on Sta.)	Temp. °C	R.H. %	Wind		Altitude gpm. (from on Sta.)	Temp. °C	R.H. %	Wind		Altitude gpm. (from on Sta.)	Temp. °C	R.H. %	Wind		
				dir.	mps.				dir.	mps.				dir.	mps.				dir.	mps.	
02	12941	-65.6				15387	-69.3				16719	-72.3				19444					
03	13210	-69.7				15622	-71.6				16931	-74.6				19628					
04	13246	-68.4	315	05		15672	-71.0		250	16	16985										

SUMMARY OF CONSTANT PRESSURE DATA

FEBRUARY 1959

CLYDE, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS					
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.		
01	998	-38.4	35	000	000	000	00	0003	1169	-24.7	64	325	02	2562	-31.3	72	325	05
02	989	-40.2	000	00	000	00	00	-0.61	1090	-27.6	72	290	02	2485	-28.2	51	320	04
03	989	-42.5	000	00	000	00	00	-0.60	1093	-29.6	67	185	05	2501	-27.6	54	155	04
04	1000	-37.8	66	000	00	0016	-37.8	66	1175	-27.6	68	150	04	2576	-28.0	62	160	12
05	994	-22.6	77	315	02	-0.26	00	00	1152	-28.3	81	040	05	2553	-28.9	70	090	06
06	992	-23.6	60	000	00	-0.42	00	00	1138	-22.3	71	205	03	2560	-26.4	41	165	14
07	990	-21.4	71	000	00	-0.56	00	00	1140	-18.7	69	330	11	2580	-24.0	72	255	01
08	993	-34.9	71	000	00	-0.34	00	00	1151	-21.2	60	240	01	2571	-26.5	32	245	05
09	997	-27.3	66	270	04	-0.08	00	00	1157	-24.9	74	360	06	2567	-25.7	49	305	03
10	985	-24.7	79	315	15	-0.93	00	00	1076	-29.4	75	325	20	2485	-27.0	75	030	06
11	991	-29.1	63	270	01	-0.50	00	00	1105	-30.7	68	355	08	2491	-30.0	80	105	09
12	994	-41.7	78	000	00	-0.25	00	00	1123	-27.3	58	175	03	2501	-34.2	57	150	07
13	984	-29.7	84	000	00	-0.96	00	00	1063	-27.8	66	320	18	2461	-30.6	42	360	06
14	993	-33.6	80	000	00	-0.34	00	00	1079	-27.8	71	270	04	2460	-32.3	71	340	10
15	997	-39.7	66	000	00	-0.05	00	00	1108	-34.2	58	110	05	2473	-34.9	62	125	08
16	997	-39.7	66	000	00	-0.05	00	00	1143	-29.0	64	120	06	2520	-33.3	38	105	03
17	1012	-35.4	95	000	00	0100	-30.5	37	1270	-28.5	70	105	09	2641	-34.6	64	110	07
18	1006	-26.2	70	315	01	0060	-25.9	63	1232	-28.5	58	101	09	2613	-30.6	29	005	02
19	1005	-37.9	66	000	00	0051	-34.0	66	1232	-25.3	32	325	03	2631	-29.4	54	295	05
20	1021	-36.1	85	000	00	0169	-29.4	62	1329	-26.8	73	210	02	2724	-30.2	74	040	02
21	1018	-29.5	85	315	08	0147	-28.5	72	1305	-26.1	71	1	1	2719	-26.8	65	5	5
22	997	-23.2	80	315	10	-0.04	00	00	1190	-19.1	76	656	66	2634	-21.6	69	656	66
23	990	-24.5	79	000	00	-0.57	00	00	1177	-10.4	29	250	06	2652	-17.1	37	300	10
24	1000	-24.7	74	360	01	0016	-24.7	74	1175	-24.8	76	340	07	2604	-36.3	48	350	08
25	993	-35.1	71	000	00	-0.32	00	00	1172	-18.0	35	325	09	2604	-24.9	54	320	11
26	988	-25.8	84	000	00	-0.76	00	00	1110	-26.3	82	225	07	2523	-26.0	55	245	13
27	992	-29.9	81	000	00	-0.44	00	00	1121	-29.4	70	210	04	2499	-33.2	72	190	11
28	998	-32.3	64	310	03	0000	00	00	1142	-33.0	68	345	10	2501	-36.3	67	110	07
MR	996	-31.1	74	00	00	-0.12	-30.1	62	1158	-25.8	65	330	03	2560	-28.8	58	144	00

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12582	-59.9	330	04	15086	-65.2	290	05	16441	-65.9	305	08	19302	-64.8	310	16
02	12550	-58.8	205	03	15079	-61.2	300	04	16464	-61.6	300	09				
03	12513	-58.5	240	02	15095	-59.9	305	07	16454	-58.6	310	17				
04	12586	-59.4	190	05												
05	12565	-58.5			15087	-63.5			16509	-66.5			19325			
06	12626	-59.2			15149	-63.8			16489	-65.7	200	12	19319	-69.5	235	15
07	12619	-59.4	170	10	15127	-63.9	195	11	16425	-67.2	205	08	19228	-72.0	225	14
08	12567	-60.0	180	05	15070	-64.9	190	13	16388	-69.2	170	13				
09	12562	-62.0	170	11	15045	-66.5	150	12	16307	-69.3	160	09				
10	12476	-61.0	165	10	14965	-66.3	150	12	16186	-70.5						
11	12395	-63.9			14854	-68.4			16163	-69.8	360	07				
12	12371	-64.8	030	05	14827	-67.9	005	05	16218	-68.2	005	11				
13	12413	-63.6	050	07	14875	-67.1	350	08	16188	-67.3	340	12	19012			
14	12354	-63.7	015	07	14828	-66.0	320	13	16210	-67.3			19011	-70.7		
15	12351	-63.6	305	09	14819	-67.3			16210	-67.3						
16	12389	-63.3			14860	-66.5										
17	12498	-63.4	290	04	14968		350	09	16353	-69.1	350	09				
18	12549	-62.9	360	07	15015	-67.8			16457	-66.7			19627	-63.6		
19	12613	-60.8			15103	-65.5			16328	-61.7			19909			
20	12803	-56.4	290	13	15342	-60.8			16565	-57.7						
21	12969	-52.6			15530	-56.8			17029	-52.6	310	20				
22	12987	-52.7	295	08	15590	-53.6			17050	-51.4						
23	12958	-50.8			15599	-50.9			16985	-53.6			19980	-57.8		
24	12876	-48.3			15540	-50.5			16765	-58.0			19730	-57.5		
25	12747	-52.0			15357	-56.4			16491	-60.6						
26	12559	-57.6			15100	-61.3			16347	-64.7			19191			
27	12460	-59.5			14978	-62.9			16265	-65.6	265	13				
28	12405	-61.1	265	05	14903	-64.3										
MR	12584	-59.2	00	00	15103	-62.7	00	00	16495	-63.7	00	00	19421	-65.1	00	00

A — Statistical Value for Relative Humidity

S — Stratum of Missing Data

* — Vector Mean Wind

Day	500 MBS				400 MBS				300 MBS				200 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	4899	-42.9	340	06	6372	-52.0	350	13	8204	-56.6	010	07	10776	-57.5	935	05	
02	4844	-40.8	295	07	6325	-51.1	315	10	8161	-58.3	265	05	10733	-56.2	250	03	
03	4861	-40.8	185	06	6343	-51.7	180	09	8168	-59.6	185	07	10703	-58.5	170	05	
04	4925	-41.5	140	15	6407	-51.2	160	17	8237	-59.5	155	18	10778	-58.2	153	11	
05	4888	-43.8	100	10	6357	-52.7	105	17	8183	-57.6	115	18	10750	-57.1			
06	4913	-42.2	165	20	6394	-50.5	160	18	8241	-56.4							
07	4946	-41.5	200	06	6425	-51.4	175	09	8250	-59.1	145	07	10805	-57.5	160	09	
08	4930	-42.0	220	13	6405	-52.6	205	08	8224	-60.7	215	03	10757	-57.6	180	03	
09	4925	-42.4	135	04	6397	-53.3	130	09	8224	-58.4	160	19	10769	-58.9	170	13	
10	4852	-39.5	090	05	6366	-49.3	135	02	8175	-62.9	095	06	10685	-60.3	145	09	
11	4826	-44.0	115	22	6293	-53.5	120	34	8103	-61.6	115	27	10618	-61.6			
12	4801	-44.9	125	19	6271	-52.4	120	32	8084	-62.0	120	19	10597	-61.8	120	11	
13	4812	-39.8	69	095	16	6307	-49.0	105	17	8136	-62.2	120	12	10637	-62.3	100	09
14	4771	-46.8	335	07	6223	-54.3	330	04	8043	-60.1	015	06	10574	-60.4	025	07	
15	4770	-44.5	040	07	6241	-52.6	010	11	8061	-61.1	360	10	10577	-61.7	355	10	
16	4836	-44.5	315	11	6296	-54.8	300	16	8095	-63.5	300	16	10608	-60.5	335	10	
17	4944	-45.5	250	02	6399	-55.5	260	03	8202	-60.8	270	03	10720	-61.5	300	05	
18	4939	-42.5	025	08	6418	-51.2	005	07	8245	-60.8	005	07	10760	-60.1	345	07	
19	4971	-43.3	325	07	6448	-50.8	360	14	8282	-60.3	350	17	10807	-58.4			
20	5064	-41.3	240	05	6544	-52.5	240	09	8380	-59.0	260	10	10969	-54.6	280	11	
21	5079	-39.6	56	666	66	6582	-46.6	55	8465								

SUMMARY OF CONSTANT PRESSURE DATA

FEBRUARY 1959

CLYDE, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

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

Z	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude (ft. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (ft. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (ft. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (ft. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.
01	994	-36.7	82	000 00	-04.7	.	.	.	1133	-26.8	77	315 03	2527	-29.4	56	305 06
02	988	-43.2	80	000 00	-06.3	.	.	.	1084	-27.3	65	155 03	2487	-27.5	35	000 00
03	995	-33.2	80	000 00	-01.9	.	.	.	1148	-26.9	73	140 15	2554	-27.0	77	140 18
04	997	-27.6	72	315 06	-00.8	.	.	.	1163	-21.5	80	090 06	2582	-27.8	77	095 08
05	994	-24.1	78	270 02	-02.6	.	.	.	1151	-24.8	70	025 04	2564	-28.7	77	095 08
06	992	-20.9	58	000 00	-04.2	.	.	.	1151	-18.3	80	055 04	2588	-25.0	79	160 12
07	987	-25.6	74	315 03	-08.0	.	.	.	1111	-22.4	83	265 02	2535	-25.7	41	260 09
08	996	-34.3	90	000 00	00.4	.	.	.	1185	-25.9	70	195 02	2597	-27.3	38	220 05
09	992	-27.7	48	310 04	-03.9	.	.	.	1127	-24.0	73	350 09	2534	-24.4	52	035 05
10	988	-27.3	71	315 05	-07.2	.	.	.	1091	-29.1	65	345 10	2491	-29.2	78	045 11
11	993	-40.4	00	000 00	-03.3	.	.	.	1113	-30.4	62	185 03	2491	-31.8	53	150 06
12	997	-40.7	00	000 00	-00.6	.	.	.	1144	-28.2	54	110 03	2523	-33.6	44	140 09
13	981	-25.0	88	225 02	-1.22	.	.	.	1055	-26.4	77	320 13	2448	-30.6	79	355 08
14	989	-28.1	77	360 03	-06.0	.	.	.	1090	-33.1	60	170 04	2454	-35.8	67	235 06
15	993	-42.3	00	000 00	-03.0	.	.	.	1113	-29.5	64	060 03	2494	-32.5	33	080 06
16	1004	-38.7	66	045 02	0042	-36.8	66	035 02	1199	-29.2	68	120 12	2566	-35.6	68	130 08
17	1013	-28.2	66	090 01	0109	-28.4	64	060 02	1279	-30.0	76	070 10	2654	-33.5	63	085 08
18	1004	-37.2	66	000 00	0042	-34.4	66	000 00	1216	-25.9	36	255 03	2608	-30.4	A20	300 06
19	1011	-32.6	90	000 00	0097	-27.3	40	000 00	1270	-25.9	64	185 02	2667	-29.8	69	270 05
20	1023	-31.7	55	000 00	0178	-29.4	58	320 05	1336	-27.6	76	015 05	2730	-29.7	60	060 07
21	1009	-28.4	57	315 04	0083	-27.4	63	.	1254	-25.1	66	.	2476	-25.4	31	.
22	991	-18.4	74	315 06	-05.3	.	.	.	1168	-18.0	47	.	2634	-18.0	30	.
23	997	-20.9	78	315 06	-00.3	.	.	.	1193	-21.6	77	300 03	2629	-24.0	64	320 10
24	997	-27.6	76	020 01	-00.4	.	.	.	1175	-24.6	67	.	2591	-24.6	52	.
25	984	-15.2	82	180 06	-1.02	.	.	.	1137	-13.7	69	220 05	2586	-22.8	62	235 13
26	991	-33.8	95	000 00	-05.1	.	.	.	1117	-28.5	70	190 03	2510	-30.4	45	225 08
27	995	-29.6	69	360 09	-02.4	.	.	.	1118	-35.2	75	.	2468	-37.1	73	.
28	1001	-29.3	75	315 03	0021	-29.2	74	315 03	1183	-30.7	68	330 10	2555	-33.9	70	010 07
MX	996	-30.3	74	.	-011	-30.4	60	.	1161	-26.0	68	47 01	2562	-29.0	57	129 01

Z	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude (ft. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (ft. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (ft. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (ft. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.
01	4865	-42.3	320	09	6347	-50.9	340	10	8188	-57.1	320	06	10758	-57.7	230	05
02	4846	-41.3	235	03	6329	-51.4	260	06	8153	-59.7	230	06	10706	-56.9	190	06
03	4917	-40.3	6407	-50.5	6407	-50.5	8243	-57.5	6407	-50.5	8243	-57.5	10791	-57.8	.	.
04	4925	-42.0	135	12	6407	-50.4	120	13	8244	-59.9	140	17	10788	-58.6	.	.
05	4904	-42.0	145	13	6384	-51.1	170	17	8227	-57.2	160	17	10794	-55.6	170	14
06	4947	-42.2	170	17	6424	-51.3	170	17	8263	-57.9	160	12	10815	-57.0	170	13
07	4907	-40.8	225	13	6380	-52.7	205	07	8200	-60.2	190	03	10755	-55.6	170	07
08	4952	-41.8	200	08	6426	-53.2	195	09	8236	-61.0	160	04	10771	-58.4	170	10
09	4907	-37.5	150	13	6413	-47.7	155	18	8249	-62.8	150	21	10755	-60.0	.	.
10	4852	-40.3	105	11	6338	-51.1	105	15	8150	-63.8	120	16	10637	-62.3	125	11
11	4790	-47.3	115	12	6239	-55.4	115	17	8057	-59.8	125	19	10583	-61.4	115	09
12	4828	-44.5	105	16	6290	-54.3	095	16	8100	-60.0	020	07	10595	-62.5	080	10
13	4786	-43.2	020	08	6256	-53.9	010	12	8062	-59.9	350	06	10551	-61.5	355	08
14	4745	-45.2	315	04	6212	-53.2	350	09	8033	-59.9	350	15	10593	-61.6	.	.
15	4814	-43.5	355	10	6281	-54.3	285	10	8114	-61.6	285	09	10634	-60.7	300	05
16	4865	-45.4	265	05	6317	-56.3	295	06	8259	-60.0	335	04	10790	-60.3	335	04
17	4972	-44.5	295	02	6438	-53.0	270	11	8239	-59.6	280	10	10777	-58.9	340	10
18	4943	-42.9	305	09	6415	-53.2	270	13	8315	-60.5	290	12	10668	-56.2	320	13
19	5003	-42.1	275	08	6487	-51.1	245	08	8415	-54.7	240	07	11029	-53.2	270	09
20	5075	-41.3	035	02	6560	-49.5	6404	-40.4	6518	-52.6	6496	-53.6	11117	-52.1	.	.
21	5070	-41.3	A21	.	6604	-40.4	6605	-43.6	6605	-43.6	255	21	11053	-50.6	275	17
22	5072	-32.5	A20	.	6567	-43.9	6435	-50.7	6435	-50.7	250	19	10819	-57.4	.	.
23	5035	-35.5	A21	260	6567	-43.9	250	19	6276	-61.3	250	28	10689	-57.0	.	.
24	4951	-41.3	250	20	6462	-50.6	250	19	6303	-53.3	250	28	10819	-57.0	.	.
25	4971	-39.5	250	20	6462	-50.6	250	19	6303	-53.3	250	28	10819	-57.0	.	.
26	4837	-44.3	220	18	6303	-53.3	250	19	6303	-53.3	250	28	10819	-57.0	.	.
27	4753	-46.3	090	10	6208	-54.7	100	12	8031	-57.8	060	04	10582	-58.4	.	.
28	4856	-46.3	090	10	6308	-55.1	100	12	8113	-60.7	060	04	10643	-60.3	335	06
MX	4907	-41.9	21	193 03	6387	-51.3	205	04	8219	-58.9	199	03	10770	-57.5	.	.

Z	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude (ft. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (ft. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (ft. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (ft. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.
01	12565	-60.3	245	04	15071	-63.7	290	05	16439	-64.6	300	07	19321	-62.4	310	21
02	12520	-58.6	165	04	15094	-61.1	220	09	16445	-59.6	315	12	19407	-56.4	315	28
03	12605	-58.6	165	04	15149	-58.9	205	09	16550	-58.9	220	19	.	.	.	.
04	12596	-59.5	190	14	15130	-60.5	205	22	16509	-65.4	220	19	.	.	.	.
05	12610	-58.6	190	14	15141	-62.5	200	14	16497	-66.6	210	10	19314	.	.	.
06	12623	-59.1	170	09	15141	-64.9	205	09	16432	-67.2	195	10	19240	-71.4	225	11
07	12571	-59.7	190	09	15077	-64.6	195	08	16425	-68.0	195	10	19217	.	.	.
08	12571	-60.8	145	06	15032	-65.9	125	07	16209	-70.6	115	09	.	.	.	.
09	12543	-61.8	110	06	14877	-67.8	070	06	16153	-69.9	020	02	18923	-74.2	355	05
10	12403	-64.5	145	06	14859	-68.0	340	08	16199	-67.6	350	08	19006	.	.	.
11	12371	-63.2	025	06	14850	-66.0	330	10	16135	-67.8	330	09	18965	-66.8	325	22
12	12324	-64.1	355	11	14789	-66.9	330	10	16195	-67.8	330	09	19021	-67.9	.	.
13	12370	-63.1	310	08	14883	-66.8	300	08	16227	-68.3	305	12	19025	-71.6	300	17
14	12413	-63.4	330	05	15060	-65.8	315	03	16409	-67.8	310	09	.	.	.	.
15	12375	-62.5	360	13	15054	-67.0	350	12	16395	-69.0	340	16	.	.	.	.
16	12575	-61.0	15207	-63.6	16575	-64.4	19443	-65.6	16575	-64.4	19443	-65.6	.	.	.	.
17	12688	-58.8	15435	-59.4	16829	-60.6	19739	-63.1	16829	-60.6	19739	-63.1	.	.	.	.
18	12878	-55.3	15571	-56.3	16987	-56.8	16987	-56.8	16987	-56.8	16987	-56.8	.	.	.	.
19	12984	-53.9	15636	-51.2	17088	-50.7	20149	-52.7	17088	-50.7	20149	-52.7	.	.	.	.
20	12991	-51.1	15602	-49.4	17063	-49.9										

SUMMARY OF CONSTANT PRESSURE DATA

MARCH 1959

CLYDE, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS								
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.					
01	1009	-39.8	80	0000	00	0048	-31.8	72	0000	00	1212	-27.9	69	350	04	2603	-31.6	59	0005	06	
02	1006	-38.9	66	0000	00	0084	-39.8	66	0000	00	1226	-26.2	53	300	05	2620	-29.7	A20	315	05	
03	1006	-39.6	72	0000	00	0055	-30.5	68	0000	00	1295	-24.6	63	240	06	2627	-32.8	69	230	08	
04	1011	-28.7	77	0000	00	0091	-26.5	64	0000	00	1259	-30.0	76	345	03	2635	-33.6	74	200	02	
05	1014	-30.1	81	3200	03	0117	-29.2	73	325	05	1276	-29.1	72	040	08	2658	-31.6	69	090	09	
06	1015	-24.6	74	0000	00	0123	-28.1	66	320	02	1302	-25.0	54	355	05	2711	-28.3	A19	020	04	
07	1015	-24.6	78	315	03	0124	-23.4	72	320	07	1309	-24.2	70	345	09	2727	-27.5	55	320	09	
08	1007	-24.6	74	0000	00	0069	-23.4	70	0000	00	1264	-22.1	53	340	13	2698	-23.6	A18	960	11	
09	1000	-21.2	84	0000	00	0016	-21.2	84	0000	00	1210	-22.5	74	320	09	2627	-26.0	73	910	08	
10	996	-24.1	84	360	02	-013					1160	-29.7	78	205	06	2542	-30.0	68	275	12	
11																					
12	998	-33.9	82	0000	00	0004					1199	-28.6	72	110	03	2557	-28.6	31	150	02	
13	1009	-38.0	66	0000	00	0034	-39.0	66	0000	00	1185	-32.7	72	100	03	2596	-32.5	71	150	04	
14	1008	-35.9	72	0000	00	0071	-32.3	63	0000	00	1220	-32.6	65	335	04	2580	-35.3	70	355	04	
15	1005	-34.7	92	0000	00	0055	-32.2	74	315	01	1207	-35.6	69	300	10	2566	-35.2	68	310	14	
16	1009	-34.4	67	0000	00	0078	-29.6	66	0000	00	1248	-29.8	54	250	02	2616	-34.0	58	265	10	
17	1015	-39.1	86	0000	00	0119	-31.0	66	0000	00	1268	-32.9	67	180	03	2625	-36.9	71	250	03	
18	1016	-41.9	0000	00	0129	-32.9	55	0000	00	1281	-30.7	63	135	05	2632	-34.2	45	240	09		
19	1011	-38.4	66	0000	00	0095	-34.2	66	0000	00	1243	-30.7	62	330	04	2615	-34.6	47	310	04	
20	1010	-34.7	68	0000	00	0085	-31.9	62	0000	00	1247	-31.0	67	350	12	2628	-31.9	60			
21	1011	-36.3	65	0000	00	0090	-30.0	66	0000	00	1281	-24.0	46	285	03	2673	-32.3	57	270	09	
22	1011	-30.9	75	270	01	0092	-28.3	67	295	03	1256	-26.3	68	340	07	2656	-29.1	46	070	01	
23	1013	-29.9	73	0000	00	0110	-27.0	63	0000	00	1292	-25.6	60	155	05	2689	-29.9	39	155	09	
24	1025	-32.8	64	0000	00	0189	-27.5	59	305	04	1346	-30.9	70	340	08	2717	-34.9	70	395	10	
25	1027	-35.2	82	0000	01	0209	-24.2	53	340	03	1393	-24.8	53	335	11	2814	-29.3	37	340	19	
26	1014	-19.3	79	310	05	0120	-17.3	73	310	08	1326	-21.8	68			2760	-24.7	47			
27	1008	-17.5	89	270	04	0074	-16.0	62	275	06	1294	-18.0	51	315	16	2738	-23.1	48			
28	1011	-22.3	84	0000	00	0098	-19.6	70	0000	00	1296	-23.2	73	320	11	2715	-26.6	69	320	05	
29	1012	-28.8	69	0000	00	0105	-21.1	68	0000	00	1308	-20.6	58	350	08	2790	-27.3	46	010	09	
30	1009	-25.3	78	310	02	0085	-22.6	72	310	04	1280	-21.5	76	330	09	2694	-27.9	73	310	08	
31	1006	-28.7	76	135	01	0061	-26.0	72	190	01	1252	-22.3	73	295	07	2663	-28.7	67	295	12	
MN	1010	-30.9	78			86	-27.4	67			1261	-26.7	64	327	05	2656	-30.2	54	310	04	

Day	500 MBS				400 MBS				300 MBS				200 MBS								
	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.					
01	4920	-45.6		080	05	6575	-55.3		100	08	8173	-62.3		345	04	10691	-61.0		325	10	
02	4945	-44.4		325	07	6411	-53.4		320	10	8223	-62.0		315	12	10733	-60.9		305	14	
03	4955	-45.0		260	12	6415	-54.0		260	21	8235	-60.6				10770	-58.1				
04	4922	-47.5		230	06	6378	-53.7		245	09	8216	-55.6		270	11	10916	-54.3		290	19	
05	4961	-43.7		215	09	6455	-51.8		225	14	8303	-54.1		265	05	10912	-53.4		300	08	
06	5059	-41.8		310	04	6543	-50.0		310	05	8402	-53.5		325	05	11027	-50.4		325	09	
07	5099	-39.1	A22	300	12	6601	-47.7				8470	-53.0				11128	-46.0				
08	5076	-39.2	A22			6576	-47.5				8446	-51.8				11130	-44.6				
09	5000	-35.8	35	255	15	6516	-45.9		260	22	8400	-51.0				11100	-42.6				
10	4905	-38.6	A22			6419	-44.5				8334	-44.4				11077	-41.3				
11																					
12	4894	-41.9		155	06	6395	-44.6		155	08	8330	-42.6		170	03	11087	-39.5		130	01	
13	4874	-43.4		125	10	6373	-44.0		125	05	8319	-44.5		175	04	11093	-39.2		000	00	
14	4883	-43.9		360	02	6381	-43.6		265	02	8324	-39.2		240	04	11119	-38.2				
15	4864	-43.7				6361	-44.8				8302	-42.0				11088	-37.8				
16	4924	-44.5		290	18	6408	-47.9		250	22	8377	-42.1				11110	-37.4				
17	4903	-45.3		255	06	6381	-47.6		245	09	8288	-45.0		245	13	11036	-38.8		230	15	
18	4961	-44.0		240	14	6442	-48.0		230	23	8332	-48.3		230	21	11043	-42.4		230	18	
19	4917	-44.2		205	12	6388	-48.4		205	14	8297	-46.4		220	12	11025	-41.2		215	12	
20	4939	-45.3				6408	-50.3				8310	-44.9				11057	-38.8				
21	4990	-43.5		290	08	6464	-51.5		255	05	8351	-44.8		205	08	11108	-38.0		210	13	
22	5011	-39.3	A22	165	14	6531	-42.6		165	32	8461	-42.8		170	20	11231	-38.8		170	18	
23	5031	-40.0	A22	160	21	6527	-45.1		160	18	8463	-41.8		170	16	11240	-38.5		190	14	
24	5041	-40.6		299	09	6557	-41.3		260	08	8513	-40.1		255	12	11285	-38.7		225	15	
25	5179	-40.2				6578	-47.3				8575	-47.1				11288	-42.2				
26	5131	-40.4				6619	-50.5				8477	-49.1				11193	-42.8				
27	5113	-39.4	40			6610	-48.9				8463	-53.8				11129	-44.1				
28	5079	-40.2		285	07	6570	-50.2		270	05	8417	-53.8		245	07	11072	-47.3		240	07	
29	5073	-43.1		005	08	6546	-52.2		350	07	8401	-52.0		275	03	11060	-47.3		250	05	
30	5043	-42.2		303	11	6525	-50.1		310	12	8381	-54.2		305	08	11037	-48.5		270	05	
31	5003	-42.7				6483	-50.4				8346	-50.7				11032	-45.1				
MN	4991	-42.3	29	299	05	6478	-48.4		232	07	8365	-49.0				11057	-44.6				

Day	150 MBS				100 MBS				80 MBS				50 MBS									
	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.						
01	12476	-62.0		320	11	14967	-65.0		290	16	16323	-66.5		310	16							
02	12515	-62.2				15010	-64.0									19575	-47.0					
03	12575	-59.8				15111	-59.6				16521	-55.6				19828	-44.4					
04	12659	-55.0		295	22	15260	-51.9				16713	-49.6										
05	12763	-53.1		310	12	15407	-47.9				16897	-42.3		315	33							
06	12917	-47.2		330	14	15641	-41.0				17163	-39.7		335	19							
07	13054	-43.6																				

SUMMARY OF CONSTANT PRESSURE DATA

MARCH 1959

CLYDE, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metos RDF tracking equipment

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	1005	-39.2	66	0000	00048	-36.2	66	0000	00	1215	-26.7	55	320	05	2608	-31.2	53	310	05	
02	1006	-35.4	66	0000	00060	-32.0	66	0000	00	1244	-24.5	52	250	02	2643	-30.0	46	260	05	
03	1006	-29.3	75	3600	01	0057	-27.8	69	350	01	1231	-27.9	65	260	02	2614	-32.6	68	255	04
04	1015	-31.1	81	0000	00	0125	-30.1	70	330	03	1280	-29.5	72	040	07	2658	-33.5	72	100	07
05	1013	-30.2	68	3300	03	0108	-30.2	69	330	06	1267	-26.8	70	030	09	2663	-29.7	57	065	04
06	1015	-35.6	80	0000	00	0123	-26.3	64	0000	00	1308	-23.8	74	340	11	2728	-25.8	45	340	06
07	1012	-27.6	66	0000	00	0101	-23.0	62	320	02	1290	-23.7	61	345	09	2703	-26.7	33	005	09
08	1002	-32.3	73	0000	00	0034	-30.8	72	0000	00	1293	-21.3	55	320	09	2664	-25.5	42	325	08
09	999	-29.9	75	0000	00	0010	.	.	.	1293	-23.4	69	340	08	2619	-26.5	48	350	09	
10	994	-32.2	72	0000	00	0010	.	.	.	1135	-30.2	70	295	09	2513	-31.5	70	295	11	
11	995	-31.8	66	0700	01	-017	.	.	.	1146	-26.9	66	180	04	2552	-27.4	32	245	04	
12	1001	-37.0	66	0900	01	0023	-36.3	66	0700	01	1175	-32.0	73	135	06	2559	-30.2	48	120	05
13	1004	-36.4	60	0000	00	0045	-34.6	60	0000	00	1192	-33.0	64	355	04	2555	-34.5	68	060	05
14	1008	-31.8	97	0000	00	0071	-30.7	82	0000	00	1220	-34.4	67	315	07	2574	-36.5	71	320	08
15	1005	-37.1	66	0000	00	0053	-35.5	66	0000	00	1212	-30.0	60	275	07	2585	-33.3	65	290	15
16	1012	-38.2	66	0000	00	0099	-31.8	67	0000	00	1249	-33.8	64	210	05	2605	-37.1	71	240	07
17	1017	-39.1	66	0000	00	0130	-32.2	57	0000	00	1280	-32.2	70	155	03	2642	-35.3	55	290	03
18	1013	-36.2	66	0000	00	0106	-32.1	58	0000	00	1251	-31.8	66	020	01	2626	-34.1	47	270	03
19	1010	-39.3	66	0000	00	0086	-33.6	66	0000	00	1244	-30.4	52	325	06	2618	-34.1	40	340	06
20	1006	-32.4	73	0700	01	0055	-29.7	64	045	02	1230	-26.1	61	325	11	2621	-31.6	45	355	11
21	1014	-29.3	75	0600	04	0118	-28.8	69	350	03	1284	-27.9	70	310	01	2676	-31.1	57	225	03
22	1010	-34.5	68	0000	00	0083	-28.7	50	0000	00	1293	-26.3	58	300	03	2654	-28.8	40	185	04
23	1019	-36.5	66	0700	01	0150	-28.1	59	220	02	1291	-30.1	67	120	05	2679	-34.4	52	125	14
24	1029	-32.2	71	0900	02	0218	-27.6	59	330	03	1291	-25.8	52	320	07	2788	-29.5	30	355	13
25	1022	-28.4	74	0000	00	0112	-22.0	60	315	02	1363	-23.3	73	330	13	2783	-26.3	48	355	12
26	1009	-19.4	83	310	04	0079	-18.0	68	315	06	1291	-19.0	62			2734	-23.5	36		
27	1009	-23.3	84	225	03	0084	-20.3	70	250	04	1287	-20.8	70	305	06	2716	-25.0	50	305	09
28	1014	-25.6	74	320	02	0117	-24.8	65	320	05	1295	-23.9	60	340	13	2708	-28.3	33	350	07
29	1011	-20.9	81	0000	00	0095	-21.1	78	0000	00	1295	-22.0	78	315	06	2715	-26.6	44	305	11
30	1008	-22.2	77	270	03	0074	-21.7	72	285	04	1267	-23.9	75	310	05	2677	-29.0	73	315	10
31	1007	-30.5	66	0000	00	0057	-27.5	66	0000	00	1253	-24.1	73	290	05	2653	-31.4	50	295	10
MN	1009	-31.9	75			82	-28.4	66		1255	-27.0	65	323	04	2649	-30.3	51	317	04	

Day	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	4928	-45.0		245 04	6388	-34.4		215 02	8188	-62.2		345 07	10694	-62.3		325 11
02	4975	-43.5		255 07	6440	-34.0		270 11	8249	-61.5		290 14	10764	-60.0		300 16
03	4909	-46.6		240 10	6366	-53.3		250 14	8196	-57.2		260 14	10769	-56.1		280 16
04	4950	-46.9		185 04	6410	-52.7		205 05	8262	-53.5		260 08	10875	-52.9		275 13
05	4999	-42.2		250 06	6476	-51.6		255 11	8323	-54.7		310 06	10943	-51.0		320 06
06	5103	-39.8	A22	020 08	6595	-49.6		010 08	8451	-55.6		325 06	11080	-48.6		340 10
07	5069	-39.8	A22	360 12	6565	-48.4			8449	-49.3			11145	-43.4		
08	5058	-37.1	A4	335 12	6563	-48.1			8423	-52.0			11116	-43.8		
09	4985	-40.0		330 13	6485	-47.2			8383	-46.7			11113	-41.3		
10	4844	-40.6			6357	-56.6			8302	-40.9			11067	-40.5		
11	4695	-42.3		180 04	6398	-43.9		160 07	8341	-41.2		195 02	11102	-40.2		260 06
12	4696	-41.5		150 11	6400	-43.9		130 09	8335	-42.1		110 03	11095	-39.9		250 01
13	4862	-43.6		055 03	6358	-43.8		120 03	8305	-40.2		190 02	11087	-38.6		205 03
14	4861	-44.5		315 08	6353	-44.6		300 05	8302	-40.0		230 04	11091	-37.1		260 07
15	4909	-42.7			6397	-47.8			8317	-42.4			11091	-38.0		
16	4888	-45.5		235 13	6363	-49.3		230 10	8267	-44.0		230 14	11033	-38.0		215 14
17	4943	-42.8		240 13	6423	-50.6		240 17	8303	-46.9		235 16	11030	-39.7		220 17
18	4938	-43.5		215 13	6422	-48.0		210 21	8320	-44.8		210 17	11045	-41.6		
19	4921	-45.0		350 04	6398	-47.4		230 02	8309	-44.2		225 07	11060	-39.9		230 11
20	4938	-44.4			6412	-49.4			8311	-44.4			11074	-37.6		
21	5015	-42.5		190 07	6496	-49.2		175 13	8416	-46.4		170 22	11170	-39.8		190 17
22	5012	-38.8	A22	160 16	6529	-43.0		160 21	8457	-44.3		170 16	11230	-37.1		180 15
23	5003	-41.2		140 09	6514	-42.1		180 07	8473	-39.0		200 08	11275	-35.9		190 17
24	5141	-39.6	A22		6641	-45.2			8556	-46.2			11290	-42.3		
25	5144	-41.0			6632	-49.1			8521	-47.3			11249	-42.1		
26	5114	-37.6	A22	290 13	6619	-47.9			8477	-41.8			11167	-41.8		
27	5097	-39.3	A2	320 04	6593	-49.3			8444	-53.5			11102	-45.0		
28	5056	-41.7		320 04	6537	-51.3		280 05	8382	-53.8		240 04	11039	-46.9		260 04
29	5069	-42.1			6544	-52.3			8394	-51.8			11064	-46.4		
30	5016	-41.9		305 11	6500	-50.4		295 11	8367	-50.6		666 66	11040	-46.9		235 05
31	4967	-44.2		305 12	6442	-50.8		295 14	8326	-47.7		290 11	11034	-42.8		270 07
MN	4984	-42.2	32	263 03	6471	-48.6		225 06	8360	-48.3			11062	-43.8		

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12470	-62.6		315 15	14969	-63.1		310 17	16342	-63.3		315 20	19229	-63.7		
02	12557	-60.8			15075	-61.0			16465	-60.2			19437	-54.2		
03	12593	-57.4		290 22	15171	-55.0		305 29	16607	-51.7		310 25	19719	-49.3		
04	12723	-34.9		290 14	15336	-50.4		310 25	16795	-48.3			19958	-39.5		
05	12812	-49.6			15511	-42.1			17034	-38.8						
06	12990	-44.6		335 14	15738	-40.6			17263	-40.0			20444	-42.8		
07	13086	-42.1			15838	-41.2			17353	-41.4			20540	-42.0		
08	13058	-41.1			15806	-40.8			17322	-42.4			20511	.		
09	13067	-41.4			15818	-40.8			17340	-39.5			20547	-42.6		
10	13021	-41.3			15788											

SUMMARY OF CONSTANT PRESSURE DATA

APRIL 1959

CLYDE, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Matrox EDF tracking equipment

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	1007	-31.4	76	000	00	0064	-25.5	70	000	00	1265	-23.0	47	300	06	2675	-27.6	45	315	11
02	1008	-28.3	76	000	00	0072	-24.9	72	115	01	1267	-22.1	58	140	04	2679	-28.2	71	160	03
03	1009	-30.4	82	000	00	0077	-26.4	72	000	00	1267	-24.0	74	170	03	2673	-28.8	75	155	02
04	1011	-30.8	77	000	00	0095	-27.2	73	000	00	1295	-22.3	62	265	01	2705	-28.1	68	280	03
05	1005	-27.3	77	000	00	0054	-24.4	75	000	00	1264	-22.7	52	280	06	2683	-27.0	38	275	13
06	1013	-20.6	85	360	04	0110	-19.6	62	350	05	1298	-28.7	70	260	06	2670	-33.5	63	245	17
07	1015	-22.9	78	000	00	0122	-22.9	62	000	00	1306	-26.1	58	290	06	2694	-31.8	58	285	13
08	1028	-26.9	77	000	00	0217	-23.6	71	015	01	1393	-28.6	73	295	04	2784	-30.0	72	290	09
09	1026	-27.2	77	000	00	0200	-26.0	66	000	00	1370	-28.3	77	285	01	2773	-28.2	37	270	06
10	1026	-27.3	73	000	00	0201	-22.7	58	325	03	1381	-24.2	45	355	06	2802	-23.9	A18	320	07
11	1024	-29.0	81	330	02	0190	-22.1	71	250	05	1408	-15.7	A16	185	04	2863	-20.4	A17	215	03
12	1013	-17.1	64	000	00	0110	-11.6	41	000	00	1371	-10.4	A15	210	08	2850	-17.4	A17	200	16
13	1017	-12.2	84	000	00	0143	-13.2	76	330	03	1380	-09.0	90	140	12	2864	-16.1	82	135	20
14	1018	-20.3	85	090	02	0149	-15.4	74	200	02	1384	-11.8	45	205	06	2859	-17.0	36	190	16
15	1027	-20.2	85	000	00	0217	-13.7	77	000	00	1453	-12.7	60	260	01	2921	-18.8	63	190	07
16	1034	-20.6	82	000	00	0262	-15.3	72	355	03	1491	-13.3	70	270	03	2958	-18.8	A17	250	08
17	1032	-19.3	86	000	00	0254	-13.4	67	325	02	1494	-10.9	39	285	01	2972	-16.9	A17	295	01
18	1028	-18.8	89	000	00	0259	-10.4	93	000	00	1480	-10.6	A15	305	07	2957	-18.3	35	285	06
19	1027	-1.2	76	315	05	0218	-08.2	49	310	10	1473	-09.0	36	656	66	2949	-19.4	33	245	04
20	1024	-15.7	86	000	00	0195	-10.7	65	325	03	1450	-11.6	56	310	05	2917	-19.5	45	280	06
21	1021	-18.9	86	000	00	0171	-12.6	73	000	00	1407	-13.0	58	290	05	2869	-19.7	A17	290	11
22	1021	-18.9	62	000	00	0170	-14.5	61	000	00	1400	-13.0	28	260	01	2857	-20.1	26	285	06
23	1022	-17.3	92	360	01	0176	-18.1	88	310	01	1397	-13.1	51	255	02	2867	-18.5	35	260	06
24	1018	-17.3	91	090	04	0151	-18.2	88	110	04	1369	-11.8	53	175	03	2841	-17.9	30	215	06
25	1015	-14.4	90	180	03	0132	-15.2	90	145	04	1366	-09.6	41	140	11	2849	-15.9	82	160	12
26	1004	-10.8	84	135	05	0048	-10.5	80	140	04	1289	-16.4	53	210	17	2728	-24.7	37	210	21
27	1014	-12.9	88	180	04	0122	-11.1	53	185	04	1354	-17.2	39	185	07	2802	-17.1	A18	195	13
28	996	-10.2	90	320	08	-016	.	.	.	.	1258	-10.6	87	135	11	2704	-17.5	81	135	16
29	987	-11.3	89	180	04	-085	.	.	.	.	1151	-15.9	82	135	01	2586	-25.1	74	165	02
30	999	-09.9	95	000	00	0011	.	.	.	.	1242	-17.8	75	245	06	2673	-26.2	78	275	14
MN	1016	-20.0	82	.	.	135	-17.7	69	.	.	1356	-16.7	54	220	02	2801	-22.5	46	228	05

Day	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	5023	-41.9	.	.	6505	-50.4	.	.	8367	-51.3	.	.	11051	-44.5	.	.
02	5026	-42.7	.	.	6501	-51.3	.	.	8365	-50.6	.	.	11061	-43.2	.	.
03	5024	-41.8	.	.	6505	-51.6	.	.	8358	-51.0	.	.	11059	-42.6	.	.
04	5048	-42.9	.	.	6503	-51.5	.	.	8410	-46.8	.	.	11131	-41.0	.	.
05	5040	-39.4	61	.	6537	-49.2	.	.	8400	-49.9	.	.	11113	-42.2	.	.
06	5000	-40.6	245	33	6504	-44.3	.	.	8420	-45.4	.	.	11137	-45.7	.	.
07	5026	-43.1	.	.	6496	-49.8	.	.	8392	-46.4	.	.	11113	-42.1	.	.
08	5129	-40.6	270	30	6620	-49.1	.	.	8498	-47.7	.	.	11206	-42.8	.	.
09	5129	-40.4	260	12	6619	-49.3	.	.	8524	-45.0	.	.	11250	-42.8	.	.
10	5196	-38.3	A22	275	07	6702	-44.1	.	8619	-45.7	.	.	11340	-43.0	.	.
11	5285	-34.7	A21	210	12	6811	-44.5	.	8717	-47.7	.	.	11414	-45.9	.	.
12	5297	-31.8	A20	200	25	6841	-41.9	.	8746	-50.4	.	.	11428	-45.1	.	.
13	5327	-29.8	52	180	29	6890	-39.0	46	8811	-51.5	.	.	11428	-48.3	.	.
14	5335	-28.3	33	190	36	6899	-39.5	32	8809	-53.2	.	.	11411	-51.1	.	.
15	5360	-32.4	A20	185	21	6938	-39.8	A22	8852	-52.5	.	.	11473	-49.1	.	.
16	5390	-34.0	A21	210	15	6958	-44.0	.	8831	-56.4	.	.	11455	-47.8	175	05
17	5423	-32.7	37	180	10	6938	-44.0	.	8831	-56.4	.	.	11455	-47.8	175	05
18	5389	-34.4	A21	245	07	6917	-44.8	.	8796	-53.0	.	.	11465	-46.9	215	10
19	5383	-32.6	A20	230	15	6919	-43.9	.	8811	-49.9	.	.	11498	-44.8	225	11
20	5349	-33.6	A21	235	06	6882	-42.8	.	8795	-47.4	.	.	11523	-41.8	215	05
21	5296	-34.6	32	.	6819	-45.6	.	.	8707	-48.5	.	.	.	.	.	.
22	5284	-34.5	38	285	16	6812	-44.1	.	8697	-52.2	.	.	11383	-44.0	.	.
23	5311	-32.8	A20	265	15	6850	-42.0	.	8745	-52.8	.	.	11406	-45.4	.	.
24	5289	-32.3	32	225	11	6835	-40.2	.	8748	-52.2	.	.	11388	-45.5	.	.
25	5313	-31.6	46	220	21	6851	-44.5	.	8723	-53.4	.	.	11363	-45.9	.	.
26	5080	-42.4	.	.	6587	-48.5	.	.	8538	-43.8	.	.	11281	-41.2	.	.
27	5214	-35.8	A21	205	22	6737	-44.3	.	8521	-53.3	.	.	11280	-65.6	.	.
28	5151	-32.9	67	140	25	6687	-43.2	.	8576	-51.5	.	.	11264	-66.0	.	.
29	4955	-39.9	080	11	6471	-42.2	.	.	8426	-39.6	.	.	11198	-40.4	175	09
30	5042	-39.2	275	24	6546	-45.7	.	.	8467	-42.1	.	.	11237	-41.3	.	.
MN	5204	-36.4	32	219	13	6722	-44.8	33	8620	-49.5	.	.	11303	-44.7	.	.

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12988	-43.0	.	.	15755	-37.8	.	.	17283	-39.0	.	.	20480	-41.3	.	.
02	13006	-41.3	240	08	15765	-40.6	235	04	17286	-40.2	225	09	20473	.	.	.
03	13004	-41.7	220	09	15760	-40.7	235	08	17279	-40.7	195	08	20461	-43.9	.	220 06
04	13087	-40.8	240	15	15848	-40.6	.	.	17366	-41.1	.	.	20553	-43.1	.	.
05	13067	-40.9	.	.	15829	-40.0	.	.	17346	-42.1	.	.	20529	-42.9	.	.
06	13006	-47.4	.	.	15762	-38.1	.	.	17292	-40.3	.	.	20486	-43.0	.	.
07	13055	-42.6	.	.	15798	-40.4	.	.	17322	-39.8	.	.	20515	-44.1	.	.
08	13147	-41.1	.	.	15887	-43.1	.	.	17399	-41.0	.	.	20562	-43.0	.	.
09	13188	-43.0	.	.	15928	-42.7	.	.	17431	-44.2	.	.	20591	.	.	.
10	13274	-44.9	225	11	15995	-43.6	225	06	17494	-44.3	245	02	20633	.	.	.
11	13324	-46.8	225	10	16007	-46.5	235	06	.	.	.	.	.	.	.	.
12	13340	-47.4	.	.	16027	-47.1	.	.	17508	-45.8	.	.	.	.	.	.
13	13319	-48.8	.	.	15982	-48.3	.	.	17460	-46.4	.	.	20569	-47.6	.	.
14	13299	-48.0	.	.	15971	-48.4	.	.	17439	-48.6	.	.	20537	-47.6	.	.
15	13327	-49.2	.	.	15979	-49.6	.	.	17444	-48.4	.	.	20549	-47.4	.	.
16	13356	-50.1	.	.												

SUMMARY OF CONSTANT PRESSURE DATA

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APRIL 1959

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

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

CLYDE, N.W.T.

12 GMT.

ST No.	SURFACE				1000 MBS				850 MBS				700 MBS								
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.					
01	1007	-28.4	82	0000	00	0669	-24.7	70	0000	00	1265	-21.7	47	225	02	2679	-27.8	36	265	05	
02	1009	-30.3	89	0000	00	0077	-26.1	79	0000	00	1268	-23.8	78	135	04	2675	-28.0	78	130	05	
03	1010	-31.1	72	0000	00	0084	-28.6	68	0000	00	1270	-23.6	68	160	02	2675	-29.1	72	275	02	
04	1009	-30.2	82	0000	00	0078	-26.0	76	0000	00	1276	-22.4	62	335	03	2686	-28.8	49	305	06	
05	1006	-16.2	85	180	08	0061	-14.8	85			1279	-20.1	78		2704	-26.3	75				
06	1017	-26.8	73	0000	00	0141	-19.6	41	325	01	1328	-27.0	48	310	10	2712	-33.2	44	305	16	
07	1021	-25.1	82	120	02	0169	-23.3	65	170	03	1345	-28.5	71	270	04	2730	-30.3	74	290	16	
08	1028	-30.3	95	0000	00	0216	-24.8	68	0000	00	1393	-28.5	76	145	04	2793	-29.3	42	290	03	
09	1023	-26.6	77	0000	00	0162	-25.6	61	320	04	1404	-19.7	17	110	04	2846	-22.2	18	085	02	
10	1027	-30.2	82	0000	00	0206	-22.4	65	0000	00	1384	-19.2	7	35	185	07	2851	-18.7	11	195	11
11	1017	-26.1	77	360	03	0140	-18.2	43	270	04	1384	-19.7	35	185	07	2851	-18.7	11	195	11	
12	1013	-16.9	75	0000	00	0110	-15.6	66	340	01	1359	-07.6	87	165	10	2846	-16.4	83	170	20	
13	1017	-14.0	87	270	02	0143	-14.2	84	305	03	1375	-11.5	35	140	10	2854	-16.5	117	155	23	
14	1022	-19.4	83	0000	00	0182	-15.0	79	0000	00	1412	-14.5	73	235	05	2887	-16.4	31	200	16	
15	1032	-17.6	75	0000	00	0254	-15.9	73	345	03	1481	-14.6	62	160	01	2941	-20.6	44	205	05	
16	1034	-17.3	88	0000	00	0267	-16.5	79	330	05	1497	-12.2	58	055	01	2969	-17.7	17	210	04	
17	1029	-18.4	80	090	02	0235	-13.3	58	330	04	1482	-09.8	36	325	04	2960	-17.6	117	325	04	
18	1029	-14.3	66	0000	00	0235	-08.4	45	315	06	1488	-10.6	43	320	07	2962	-18.5	35	295	03	
19	1026	-12.2	85	290	03	0198	-10.4	63	320	07	1442	-10.7	51	666	66	2914	-20.1	37	325	03	
20	1022	-17.1	84	0000	00	0184	-12.6	69	340	02	1322	-13.4	57	285	05	2885	-18.0	32	300	09	
21	1021	-20.6	78	0000	00	0168	-13.9	75	315	02	1399	-16.2	53	315	02	2853	-20.6	32	310	06	
22	1021	-23.6	96	225	02	0172	-17.0	86	185	02	1369	-16.2	54	210	02	2861	-19.4	50	285	08	
23	1024	-17.3	87	0000	00	0165	-18.3	85	360	01	1382	-13.1	45	165	01	2851	-18.5	32	255	06	
24	1316	-16.4	93	180	02	0138	-17.2	91	160	03	1359	-12.3	58	180	06	2833	-17.6	41	195	08	
25	1007	-12.9	87	290	02	0068	-13.3	85	320	02	1298	-13.2	86	130	22	2801	-11.6	88			
26	1011	-12.4	89	180	05	0100	-12.6	87	195	06	1332	-16.5	70	210	10	2772	-22.9	67	200	12	
27	1009	-14.8	88	0000	00	0084	-14.8	87	120	01	1317	-14.5	52	125	12	2781	-19.1	77	160	14	
28	984	-07.8	92	320	10	-116				1155	-09.8	89	107	07	2631	-18.3	78	130	10		
29	992	-14.4	87	180	02	-047				1171	-19.5	72	310	03	2595	-27.3	70	315	06		
30	1009	-14.5	79	360	01	0082	-13.2	67	330	01	1307	-18.5	62	235	06	2748	-23.7	64	255	06	
MN	1016	-20.1	83			135	-17.7	71			1355	-17.0	60	171	02	2802	-22.0	49	225	04	

ST No.	500 MBS				400 MBS				300 MBS				200 MBS				
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	
01	5027	-42.0	265	07	6507	-51.7	260	08	8372	-49.5	255	09	11068	-43.4	230	10	
02	5024	-42.2	210	06	6503	-51.6	220	14	8363	-50.4	220	07	11063	-42.5	230	08	
03	5019	-43.0	240	04	6494	-51.4	210	07	8365	-48.4	230	10	11078	-42.1	240	11	
04	5023	-42.7	290	09	6503	-50.0	290	12	8390	-46.5	250	12	11125	-40.8	235	15	
05	5092	-38.0			6593	-47.3			8464	-49.5			11156	-44.8			
06	5025	-42.6			6514	-47.4			8424	-45.1			11147	-44.3			
07	5069	-43.5			6548	-50.3			8435	-48.4			11141	-43.6			
08	5126	-38.0	A22	270	12	6620	-49.3	265	13	8516	-44.5	255	11	11241	-42.4	260	11
09	5126	-38.0	A22	235	19	6651	-41.2	210	30	8586	-44.5	205	32	11313	-42.6		
10	5245	-37.4	A22	200	04	6755	-45.0	200	14	8654	-46.6	195	13	11371	-44.2	205	14
11	5283	-33.6	A21	195	15	6815	-43.3	190	12	8717	-47.8	185	14	11417	-45.2	200	15
12	5303	-31.9	69	190	19	6849	-40.6	185	31	8765	-51.3			11413	-47.0		
13	5327	-28.4	44			6896	-38.8	32		8813	-52.7			11429	-47.5		
14	5359	-29.7	75	190	28	6917	-39.8	61		8837	-51.2			11466	-50.0		
15	5363	-34.4	A21	185	12	6912	-38.8	A22	185	49	8832	-51.7		11465	-48.6		
16	5419	-31.1	A20	200	17	6964	-42.5	190	24	8856	-54.9			11464	-47.7		
17	5406	-33.2	50	175	04	6935	-44.6	190	04	8812	-54.1	190	10	11474	-45.5	185	10
18	5398	-32.4	A20	245	10	6933	-44.3	240	11	8820	-51.2	225	13	11506	-44.8	205	08
19	5334	-34.5	A21	225	16	6882	-44.7	215	19	8754	-49.6	215	21	11446	-44.0	205	06
20	5330	-34.2	47			6880	-46.5			8729	-49.8			11429	-43.2		
21	5285	-35.6	31	290	12	6785	-45.6	300	16	8680	-48.2			11390	-44.6		
22	5289	-34.4	A21	285	15	6818	-44.5	275	22	8710	-50.6			11400	-44.2		
23	5292	-32.6	A20	255	17	6836	-41.2	250	26	8742	-52.7	240	42	11401	-45.7		
24	5274	-33.7	63	215	13	6803	-44.4	215	14	8684	-51.3	200	16	11377	-43.7		
25	5290	-30.6	73			6837	-42.3			8720	-57.3			11359	-45.9		
26	5170	-38.0	47	210	14	6672	-47.5	225	20	8555	-46.4	210	28	11276	-38.4		
27	5213	-33.6	72	170	21	6753	-42.0	170	36	8647	-53.6			11296	-46.8		
28	5051	-36.4	63	115	19	6564	-47.0	115	25	8472	-43.1	140	17	11227	-40.7	165	13
29	4940	-43.5	315	10	6449	-40.8	300	05	8416	-39.0	225	05	11201	-39.1	215	04	
30	5131	-38.3	245	14	6638	-47.1	240	13	8541	-43.0	235	15	11301	-40.6	230	08	
MN	5207	-36.4	41	216	10	6726	-45.1	38	208	14	8622	-49.1		11314	-44.1		

ST No.	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	13010	-42.1	255	08	15769	-38.6	235	09	17300	-39.4	225	08	20501	.	.	.
02	13015	-40.8	215	07	15776	-40.5	210	06	17302	-39.2	220	10	20511	.	.	.
03	13031	-40.4	225	09	15803	-38.9	200	10	17333	-40.1	215	09	20518	.	.	.
04	13086															
05	13097	-40.9			15881	-37.8			17419	-38.7			20647	-38.9		
06	13085	-42.8			15833	-39.9			17369	-37.7			20580	-42.5		
07	13082	-42.9			15834	-40.0			17364	-40.5			20557	.	.	.
08	13189	-41.4	270	09	15939	-41.5	270	05	17451	-42.8	325	04	2			

SUMMARY OF CONSTANT PRESSURE DATA

MAY 1959

CLYDE, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (Sta. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (Sta. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.				
01	1015	-13.9	72	0000	00	0133	-13.1	65	0000	00	1362	-17.6	62	270	05	2803	-22.7	60	270	09
02	1027	-15.8	85	0000	00	0213	-14.4	70	330	01	1439	-13.0	51	185	06	2909	-17.5	26	225	10
03	1031	-12.7	92	0000	00	0250	-13.0	76	140	03	1487	65.5	66	180	07	2977	-15.0	26	235	10
04	1021	-09.3	92	0000	00	0176	-10.0	91	400	00	1430	-10.0	90	230	04	2911	-16.2	85	170	08
05	1024	-12.0	92	315	05	0200	-13.2	90	315	10	1429	-12.4	84	350	09	2900	-18.8	82	360	07
06	1019	-15.8	88	0000	00	0156	-14.1	80	000	00	1386	-12.6	80	170	07	2852	-19.1	42	175	09
07	1010	-14.9	83	315	04	0092	-15.4	83	315	05	1313	-13.6	81	355	05	2774	-20.4	83	115	01
08	1006	-17.8	81	0000	00	0063	-17.8	81	000	00	1278	-17.0	85	300	03	2724	-22.0	61	265	04
09	1002	-19.9	86	0000	00	0034	-19.5	84	000	00	1255	-17.7	35	240	02	2694	-23.0	56	210	08
10	1008	-13.1	76	230	04	0073	-12.6	64	64	02	1292	-22.0	57	270	07	2707	-26.6	45	250	13
11	1019	-13.8	89	350	02	0157	-13.5	82	070	02	1385	-18.2	75	235	09	2819	-24.5	77	250	13
12	1027	-13.9	89	315	03	0218	-35.1	84	320	05	1445	-16.1	84	120	02	2891	-22.3	82	230	02
13	1031	-15.7	79	0000	00	0246	-13.2	73	345	03	1467	-17.4	75	350	03	2915	-21.4	32	395	04
14	1024	-12.3	72	0000	00	0228	-15.3	62	330	03	1455	-15.6	46	045	04	2913	-19.4	29	090	03
15	1024	-12.3	85	0000	00	0212	-13.8	83	000	00	1446	-12.0	40	110	06	2924	-14.4	62	180	05
16	1025	-10.4	91	0000	00	0208	-11.9	87	150	03	1471	-10.6	84	155	09	2971	-13.6	77	120	07
17	1026	-07.1	90	0000	00	0215	-08.0	83	110	01	1506	-00.6	83	165	09	3032	-10.0	82	185	09
18	1023	-03.8	74	315	02	0200	-04.5	50	340	05	1494	00.0	68	040	10	3024	-08.3	60	060	07
19	1019	-04.1	68	315	04	0162	-04.1	59	320	08	1456	001.5	59	015	07	2990	-09.7	47	035	03
20	1018	-04.1	78	0000	00	0153	-03.8	62	350	03	1439	-01.4	75	340	04	2966	-09.8	54	330	05
21	1010	-04.2	83	0000	00	0095	-03.1	74	000	00	1380	-04.3	68	300	03	2890	-11.4	28	320	04
22	1009	-03.4	82	0000	00	0087	-03.7	89	000	00	1370	-03.8	34	160	03	2884	-11.4	69	235	02
23	1007	-06.0	89	360	03	0067	-06.5	89	350	03	1334	-07.8	63	080	04	2834	-12.6	50	125	06
24	1009	-06.3	94	180	03	0086	-06.8	94	230	02	1362	-05.1	84	090	02	2864	-13.8	63	195	02
25	1011	-05.6	96	0000	00	0099	-06.4	95	300	01	1371	-04.5	85	020	03	2869	-13.1	55	125	04
26	1008	-06.1	89	315	05	0078	-06.5	89	320	06	1340	-04.1	89	040	04	2828	-13.4	56	075	04
27	1008	-03.1	88	090	02	0077	-03.6	66	130	02	1348	-07.4	92	190	03	2844	-14.6	88	190	03
28	1008	-01.7	88	090	02	0075	-02.2	88	105	01	1356	-07.4	73	145	05	2845	-14.5	68	105	07
29	1005	-03.9	96	330	08	0057	-04.1	95	330	09	1326	-09.3	80	005	12	2808	-17.0	70	030	07
30	1004	-01.8	92	315	03	0049	-02.1	92	320	04	1322	-07.2	87	340	05	2817	-15.1	85	105	03
31	1008	-02.3	85	0000	00	0082	-02.6	82	000	00	1361	-06.1	62	305	03	2869	-11.9	59	240	02
MN	1016	-09.4	86	*		137	-09.5	80	*		1390	-09.8	71	34	00	2873	-16.2	60	192	01

Day	500 MBS				400 MBS				300 MBS				200 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	5195	-38.4	35	265	15	6698	-48.2	260	15	8589	-45.0							
02	5340	-34.6	57	225	19	6866	-44.6			8743	-51.9							
03	5440	-32.3	57	260	20	6980	-43.1			8868	-55.1							
04	5361	-33.9	68	160	21	6887	-44.8	165	23	8776	-48.3							
05	5339	-33.6	67	320	04	6873	-40.7	310	17	8825	-43.7	310	34	11545	-44.9			
06	5298	-31.1	77	210	11	6848	-40.9	190	11	8759	-47.8	210	10	11488	-41.8	265	13	
07	5214	-32.6	72	200	04	6753	-42.3	230	04	8653	-48.8	240	08	11384	-40.2	250	08	
08	5117	-38.6	60	230	05	6620	-46.4	215	05	8551	-40.5	225	12	11524	-39.6	225	13	
09	5092	-36.9	55	210	10	6606	-45.8	200	12	8509	-44.4	205	14	11274	-39.9	205	17	
10	5065	-39.7				6566	-45.9			8484	-44.5			11266	-38.4			
11	5206	-37.8	72			6716	-46.4			8610	-45.5			11556	-40.0			
12	5294	-36.1	70	225	05	6798	-47.0	250	06	8709	-43.2	270	14	11462	-41.6	270	15	
13	5326	-36.2	A21	315	09	6849	-43.8	305	12	8773	-44.5	285	18	11514	-41.4			
14	5345	-33.5	A21	165	04	6880	-42.9	210	06	8780	-50.4	220	12	11478	-43.7	225	05	
15	5419	-28.2	68	195	12	6988	-38.9	66	200	21	8896	-54.1	195	23	11548	-45.4	205	13
16	5464	-26.7	82	170	19	7037	-38.6	77	170	22	8955	-52.7	180	19	11597	-46.7	195	14
17	5555	-23.6	59	190	19	7155	-34.3	68	200	21	9106	-49.8	225	18	11698	-48.4	190	12
18	5566	-25.1	46	105	07	7144	-38.2	34	100	08	9063	-52.4	140	05	11707	-46.1	130	06
19	5520	-25.9	40	045	05	7097	-37.0	35	240	03	9034	-49.6	250	18	11669	-47.2	270	02
20	5472	-25.4	56	285	06	7037	-39.8	52	280	06	8949	-51.4	330	06	11619	-46.1	350	05
21	5403	-27.5	A19	335	08	6968	-36.4	31	330	14	8922	-50.8	325	16	11582	-44.4	275	05
22	5386	-27.0	57	180	04	6968	-38.1	62	220	04	8875	-53.7	300	05	11529	-44.0	200	03
23	5332	-26.1	30	140	06	6906	-38.7	43	135	05	8820	-53.5	145	05	11492	-42.4	150	05
24	5355	-27.8	36	025	03	6948	-39.7	48	005	07	8830	-53.1	005	10	11522	-42.2	185	04
25	5378	-26.0	A19	090	05	6948	-37.8	A22	165	05	8874	-51.4	200	17	11565	-43.0	175	10
26	5326	-26.4	72	140	07	6906	-37.8	71	140	05	8831	-48.8	150	08	11541	-42.5	155	12
27	5321	-27.2	65	180	06	6894	-38.3	64	160	06	8811	-50.9	135	09	11520	-41.9	170	09
28	5310	-31.0	73	115	08	6860	-41.4	115	11	8770	-45.6	130	10	11536	-38.6	200	06	
29	5254	-30.9	50	170	11	6818	-37.8	43	185	28	8767	-46.3	190	30	11509	-41.0	190	11
30	5287	-28.3	73	165	11	6865	-34.3	51	165	36	8831	-44.6	165	32	11547	-42.1	170	20
31	5377	-27.0	72	180	14	6947	-39.0	71	180	12	8865	-47.9	185	13	11573	-43.1	175	18
MN	5334	-30.9	55	193	05	6884	-40.9	52	193	07	8801	-48.7	210	08	11503	-43.0	199	08

Day	150 MBS				100 MBS				80 MBS				50 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. (Sta. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	
01	13260	-44.3			15975	-44.2			17470	-44.9			20603	-46.6			
02	13341	-46.1			16042	-45.4			17534	-44.7			20674	-46.7			
03	13396	-46.6			16091	-46.1			17575	-46.0			20701	-46.5			
04	13433	-44.7			16134	-46.3			17617	-46.3			20736	-46.7			
05	13470	-44.4			16186	-45.7			17668	-46.2			20804	-45.8			
06	13431	-45.1	285	16	16135	-46.6		290	09	17614	-46.8	310	07	20731	-46.8	325	04
07	13345	-40.7	250	11	16096	-43.5</											

SUMMARY OF CONSTANT PRESSURE DATA

MAY 1959

CLYDE, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION

74090 70°27'N 68°33'W 16 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS								
	Altitude gpm. (on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.					
01	1023	-17.3	84	0000	00	0188	-15.2	72	165	04	1419	-15.4	46	200	05	2874	-19.6	57	245	15	
02	1028	-11.5	93	0000	00	0229	-13.3	87	330	03	1454	-13.6	83	205	03	2929	-16.8	29	270	09	
03	1029	-10.6	91	135	01	0237	-12.4	84	155	05	1487	-05.6	27	200	04	2981	-15.3	25	190	11	
04	1021	-11.9	92	315	10	0177	-13.3	85			1403	-13.9	81			2867	-18.3	81			
05	1023	-12.9	94	315	02	0191	-14.1	87	330	03	1421	-11.6	71	200	04	2894	-18.4	51	225	05	
06	1014	-14.5	79	315	05	0119	-15.4	78	325	04	1341	-14.6	85	1200	03	2797	-20.6	83	140	07	
07	1007	-15.4	83	330	03	0070	-16.2	73	330	03	1288	-15.8	78	270	03	2740	-21.2	78	240	02	
08	1006	-19.2	97	0000	00	0057	-19.4	94	0000	00	1270	-18.3	60	220	04	2714	-22.1	31	230	05	
09	1001	-20.3	78	0000	00	0025	-20.1	77	0000	00	1238	-19.7	60	260	03	2667	-24.4	43	220	11	
10	1015	-18.1	86	0000	00	0126	-18.1	78	0000	00	1338	-20.3	41	250	09	2758	-26.6	36	240	16	
11	1023	-14.3	87	360	04	0186	-14.8	83	300	03	1423	-14.6	77	225	06	2873	-22.1	77	205	08	
12	1030	-13.3	87	315	04	0240	-14.8	84	325	07	1463	-16.5	81	030	04	2904	-22.6	76	330	03	
13	1030	-14.7	93	320	03	0236	-16.9	77	330	04	1455	-17.1	45	020	04	2904	-20.0	34	030	04	
14	1028	-13.8	80	315	02	0222	-15.7	90	340	04	1448	-13.9	55	075	03	2913	-18.6	28	115	05	
15	1026	-11.4	87	0000	00	0211	-15.0	78	130	02	1454	-10.3	35	145	08	2949	-13.4	71	225	09	
16	1025	-08.1	91	0000	00	0206	-09.3	61	0000	00	1475	-06.9	79	175	08	2983	-11.6	71	200	11	
17	1026	-04.9	88	360	01	0214	-07.1	57	0000	00	1509	-00.3	130	06	3038	-11.2	150	03			
18	1021	-04.7	74	315	03	0178	-05.0	56	320	08	1465	-00.0	2	68	045	08	2995	-09.4	52	060	06
19	1019	-01.5	78	340	01	0167	-02.8	57	345	03	1455	-01.4	80	355	03	2979	-10.7	63	350	04	
20	1013	-01.4	76	0000	00	0120	-02.2	73	320	02	1397	-04.8	85	320	04	2904	-11.2	28	280	06	
21	1010	-06.7	84	0000	00	0097	-05.6	82	0000	00	1381	-04.7	46	250	01	2891	-11.2	82	275	04	
22	1007	-05.2	95	050	03	0071	-05.5	95	030	03	1339	-06.9	85	144	07	2836	-12.7	75	105	02	
23	1007	-07.7	92	315	03	0072	-08.2	92	315	03	1340	-05.9	87	050	02	2840	-13.7	55	055	03	
24	1011	-06.2	84	0000	00	0098	-08.0	86	285	01	1374	-06.0	81	285	02	2871	-14.5	82	190	04	
25	1010	-07.9	92	020	03	0095	-08.5	92	005	04	1355	-06.9	82	035	06	2853	-12.8	58	120	04	
26	1006	-03.7	90	315	04	0063	-04.2	90	315	04	1331	-06.7	93	060	03	2833	-13.8	80	150	03	
27	1009	-04.8	100	0000	00	0086	-05.3	97	0000	00	1362	-07.3	70	230	03	2855	-14.8	72	215	08	
28	1207	-03.8	92	360	05	0067	-04.3	92	355	05	1332	-09.6	88	020	09	2813	-15.9	82	065	08	
29	1003	-04.0	96	320	08	0036	-04.2	95	320	08	1297	-10.0	85	666	66	2785	-16.2	77	080	05	
30	1007	-03.3	88	360	05	0069	-03.6	88	350	06	1340	-06.8	84	335	03	2838	-14.4	73	045	01	
31	1008	-06.7	95	0000	00	0078	-06.0	92	0000	00	1360	-03.0	37	150	03	2882	-09.2	31	145	05	
MN	1016	-09.7	88			136	-10.5	83			1388	-09.9	68	168	01	2870	-16.2	59	205	03	

Day	500 MBS				400 MBS				300 MBS				200 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	5307	-34.6	45		6827	-46.0			8700	-51.9			11390	-44.2				
02	5367	-34.4	35	285	22	6895	-44.5		8783	-50.6			11470	-45.0				
03	5448	-30.9	29	200	22	6993	-42.7		8873	-55.9			11516	-45.6				
04	5295	-35.0	71			6815	666.6		8746	-41.2			11512	-40.3				
05	5352	-30.0	A20	275	08	6922	-37.1	56	290	12	8872	-47.5	275	16	11592	-45.6	285	17
06	5235	-33.8	72	180	08	6769	-43.8		180	11	8681	-45.1	220	08	11433	-39.8	240	13
07	5158	-35.3	A21	190	08	6680	-44.9		190	12	8588	-44.3	210	10	11397	-40.1	235	13
08	5110	-37.7	47	225	07	6622	-46.0		240	08	8534	-42.7	220	12	11308	-38.7	210	15
09	5059	-37.5	35	205	17	6572	-45.6		200	19	8482	-42.6	195	15	11260	-37.5	195	12
10	5125	-39.9				6617	-47.7				8533	-42.6	11310	-38.2				
11	5286	-35.9	71	230	20	6802	-46.1		120	10	9105	-49.4	110	13	11709	-48.2	155	09
12	5308	-36.0	63	295	07	6829	-44.5		300	13	8751	-43.1	290	19	11504	-41.2	275	14
13	5334	-33.6	A21	005	03	6864	-44.8		275	05	8769	-48.7	260	12	11485	-42.9	240	08
14	5362	-31.0	66	195	09	6913	-40.1		205	21	8824	-51.7	210	30	11501	-44.8	215	09
15	5443	-26.6	60	175	11	7015	-38.9	37	195	14	8938	-51.0	230	25	11594	-45.9	205	13
16	5494	-25.3	30	205	21	7071	-38.5	36	205	30	8997	-50.8			11648	-45.1		
17	5566	-24.5	165	11	7157	-35.1	120	10	9105	-49.4			110	13	11709	-48.2	155	09
18	5532	-25.1	42	065	09	7107	-38.5	57	460	07	9030	-51.3	215	03	11686	-46.1	160	04
19	5498	-26.4	46	350	05	7067	-39.4	59	360	04	8985	-50.4	250	11	11643	-46.1	350	04
20	5400	-29.0	A20	290	10	6958	-39.1	A22	315	12	8898	-47.1	330	10	11602	-44.7	345	05
21	5398	-26.1	32	305	05	6975	-37.7	45	265	05	8891	-54.1	290	08	11547	-43.9	230	04
22	5328	-28.3	65	150	04	6894	-38.6	67	180	05	8808	-53.7	160	05	11484	-42.4	160	07
23	5333	-27.4	A19	060	05	6903	-38.9	50	055	05	8813	-54.1	060	08	11502	-42.7	150	05
24	5360	-28.4	A19	030	02	6925	-39.3	39	115	07	8833	-52.3	340	02	11526	-43.3	180	10
25	5345	-26.5	A19	110	07	6924	-36.3	52	130	10	8857	-50.9	145	08	11551	-43.0	150	17
26	5315	-27.9	64	140	08	6884	-38.5	55	150	07	8799	-49.8	145	10	11514	-41.6	150	11
27	5324	-29.4	33	160	05	6882	-40.0	48	140	09	8789	-51.1	140	11	11514	-40.5	175	06
28	5262	-33.4	68	070	13	6788	-45.7				8719	-41.3			11491	-39.5		
29	5248	-29.2	67	140	06	6827	-34.5	64	155	16	8781	-45.6	160	22	11512	-41.6	170	17
30	5327	-26.8	69	170	23	6905	-37.3	64	160	28	8834	-50.4	160	21	11545	-41.0	165	17
31	5412	-24.6	32	180	15	6997	-37.1	31	180	26	8933	-49.5	180	41	11594	-45.8		
MN	5333	-30.7	44	201	05	6884	-40.9	49	192	07	8802	-48.6	201	08	11506	-42.7	199	07

Day	150 MBS				100 MBS				80 MBS				50 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. (on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.		
01	13315	-44.9			16025	-44.6			17521	-43.6			20671	-46.0				
02	13390	-45.8			16090	-45.7			17578	-45.4			20714	-46.0				
03	13434	-45.5			16136	-45.7			17623	-45.3			20761	-46.3				
04	13466	-42.0			16203	-43.0			17705	-43.4			20870	-42.0				
05	13457	-44.8		295	17	16165	-45.6		290	10	17651	-46.1	300	05	20770	-47.2	355	03
06	13394	-42.5		260														

SUMMARY OF CONSTANT PRESSURE DATA

JUNE 1959

CLYDE, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metax EDF tracking equipment

INDEX No. 74900 LATITUDE 70°27'N LONGITUDE 68°33'W ELEVATION 16 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS									
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.						
01	1003	-02.6	87	045	01	0038	-02.8	86	045	01	1329	-00.9	63	115	06	2853	-09.4	76	150	10	04	
02	1000	-01.4	91	000	00	0016	-01.4	91	000	00	1298	-05.6	90	320	03	2810	-11.3	89	110	04	12	
03	1003	-00.8	89	045	02	0038	-01.0	89	030	02	1318	-07.6	88	080	02	2806	-16.0	46	115	12	06	
04	1007	-02.4	95	030	03	0072	-03.1	93	030	02	1347	-07.8	66	120	03	2830	-15.1	64	120	06	12	
05	1006	-01.5	88	315	06	0060	-01.8	88	315	07	1336	-07.4	73	310	11	2833	-13.8	76	060	05	07	
06	1009	00.0	88	000	00	0089	00.0	87	000	00	1378	-07.0	77	240	03	2875	-14.7	65	205	07	07	
07	1012	00.1	78	360	03	0114	00.0	77	355	03	1406	-03.3	68	303	11	2922	-09.8	31	300	10	10	
08	1016	00.0	71	360	03	0140	00.0	62	330	04	1430	-05.6	61	325	09	2943	-09.8	A15	330	09	09	
09	1017	00.0	68	315	05	0152	00.2	77			1440	-02.5	61			2963	-09.4	32				
10	1011	002.8	76	000	00	0105	00.1	64	335	03	1400	-05.0	72	320	10	2920	-09.5	24	330	08		
11	1007	002.1	74	000	00	0074	001.8	72	000	00	1368	-05.5	76	315	10	2875	-11.8	74				
12																						
13	1011	-00.3	90	060	03	0103	-01.1	90	070	03	1377	-09.7	93	100	04	2850	-16.8	82	150	04		
14	1012	-00.6	92	315	08	0110	-01.2	92	320	09	1388	-08.0	90	005	11	2876	-16.2	77	040	06		
15	1020	001.8	78	360	02	0173	00.0	79	345	02	1460	-07.0	72	265	08	2950	-14.6	37	240	05		
16	1035	003.6	71	150	08	0292	003.5	62	200	07	1594	00.0	74	320	10	3132	-07.2	73	315	08		
17	1032	000.6	90	270	02	0266	006.6	66	165	03	1585	002.2	73	060	05	3136	-04.6	63	050	08		
18	1020	001.1	85	360	01	0174	00.1	81	100	03	1496	003.8	A13	335	05	3051	-04.4	47	145	06		
19	1014	000.0	87	340	03	0121	-01.3	86	340	04	1423	-03.2	84	330	05	2942	-08.9	88	100	04		
20	1012	-01.2	94	360	02	0112	-02.1	93	355	03	1404	-02.4	65	305	04	2930	-08.8	51	290	08		
21	1009	000.7	92	000	00	0087	000.7	90	170	01	1382	-04.4	79	235	04	2885	-11.3	44	275	09		
22	1001	003.0	85	360	01	0023	003.1	84	360	01	1336	-02.0	76	235	04	2853	-10.1	87	235	11		
23	1009	001.7	88	270	01	0089	001.2	87	245	02	1387	-02.4	79	215	03	2909	-09.4	70	220	12		
24	1013	001.8	96	000	00	0119	000.9	94	250	01	1422	-01.5	94	140	02	2954	-06.9	95	190	06		
25	1020	000.6	90	360	04	0176	-00.8	90	355	04	1470	000.2	72	105	07	3028	-01.8	A14	125	08		
26	1020	000.7	92	360	03	0175	-01.0	93	330	04	1494	000.2	56	135	07	3044	-04.9	43	145	12		
27	1021	004.4	82	360	02	0184	004.3	74	335	04	1511	004.7	57	085	08	3078	-01.5	62	130	11		
28	1019	007.0	61	360	02	0169	005.1	48	340	03	1501	006.1	47	085	05	3072	-01.8	55	125	10		
29	1010	005.0	61	360	02	0097	004.0	74	360	03	1423	004.9	32	130	07	2981	-04.4	75	120	13		
30	1001	001.6	92	090	05	0027	001.5	92	095	06	1343	001.9	89	125	31	2896	-03.2	93				
MN	1013	01.1	85			117	00.5	82			1415	-02.5	69	30	01	2938	-09.2	60	159	02		

Day	500 MBS				400 MBS				300 MBS				200 MBS									
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.						
01	5391	-23.6	76	150	21	6981	-36.5	58	145	25	8924	-48.6	155	43	11576	-46.4						
02	5336	-24.2	77	120	17	6934	-33.7	69	120	27	8898	-46.0										
03	5270	-30.0	56	115	17	6827	-40.4		110	19	8749	-45.2	115	25	11474	-42.8						
04	5312	-28.0	59	125	18	6882	-38.0	A22	125	30	8811	-50.6										
05	5307	-29.8	49	065	10	6860	-41.4		070	10	8769	-47.4	070	14	11491	-43.0				15		
06	5367	-28.1	A19	165	12	6928	-40.6		160	14	8841	-48.6									100	12
07	5453	-24.3	32	320	06	7037	-37.1	31	335	07	8962	-51.6									065	03
08	5469	-25.6	42	345	13	7050	-36.7	35			8977	-52.5										
09	5488	-26.0	A19			7063	-37.7	A22			8983	-50.6										
10	5451	-24.9	A18	355	09	7036	-36.3	A21	010	12	8972	-50.2										
11																						
12																						
13	5315	-30.6	60	105	10	6865	-41.0		105	11	8772	-47.2	095	09	11513	-40.0				285	02	
14	5329	-32.5	61	055	07	6863	-42.9		035	09	8815	-40.6	180	05	11581	-39.7				205	07	
15	5432	-29.1	43	270	11	6990	-40.8		310	07	8922	-42.2	260	13	11691	-40.0				240	12	
16	5678	-23.3	52			7274	-34.4	A21			9225	-49.0										
17	5703	-21.8	42	095	05	7311	-33.1	A21	100	06	9262	-47.8	050	05	11896	-47.8				290	10	
18	5620	-21.6	46	145	09	7231	-30.6	76	215	09	9214	-45.9	210	13	11871	-46.2				270	12	
19	5474	-23.0	71	050	05	7070	-33.7	58	045	08	9036	-45.6	045	09	11760	-41.7				310	11	
20	5477	-21.8	45	290	13	7082	-33.2	48			9039	-48.1										
21	5413	-25.0	77	270	23	6997	-35.8	60			8958	-45.1										
22	5396	-20.9	53	235	34	7018	-30.5	73			8999	-44.9										
23	5446	-23.1	A18	230	31	7041	-35.4	A21			8987	-47.9										
24	5500	-22.1	48	195	22	7109	-32.8	A20	195	32	9070	-48.1	105	37	11729	-44.6						
25	5629	-18.0	26	165	11	7256	-30.1	60	170	13	9238	-44.9	175	14	11950	-54.7				170	14	
26	5632	-18.8	33	150	17	7253	-31.6	34	150	21	9225	-47.0	150	23	11848	-50.6						
27	5679	-19.4	56	135	16	7304	-30.9	63	130	20	9280	-47.3	135	24	11888	-48.7						
28	5661	-19.1	48	125	17	7283	-31.6	A20	130	21	9250	-47.8										
29	5547	-21.2	72	140	22	7158	-32.7	72			9121	-46.6										
30	5518	-14.9	83			7172	-25.6	75			9190	-41.9										
MN	5475	-23.9	48	162	06	7067	-35.2	45			9017	-47.2										

Day	150 MBS				100 MBS				80 MBS				50 MBS					
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.		
01	13500	-43.1			16219	-43.2			17719	-43.9			20888	-42.6				
02	13469	-45.9			16173	-44.4			17673	-43.3			20851	-42.3				
03	13415	-42.9			16148	-43.2			17650	-43.0			20826	-41.9				
04	13425	-42.6			16164	-42.5			17671	-42.5			20854	-41.2				
05	13431	-42.9			16167	-42.7			17674	-42.6			20858	-41.1				
06	13492	-43.6	080	07	16217	-43.9		085	07	17716	-43.5		060	05	20889	-42.9	070	06
07	13530	-45.2	060	06	16241	-44.1		065	03	17742	-43.0		050	02	20917	-42.1	075	06
08	13558	-44.7			16267	-												

SUMMARY OF CONSTANT PRESSURE DATA

JUNE 1959

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

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

CLYDE, N.W.T.

12 GMT.

Zr	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	1000	-03.7	92	360	03	0016	-03.7	92	360	03	1299	-03.0	41	070	02	2826	-08.9	62	145	12
02	1002	-00.7	88	000	00	0028	-01.1	88	000	00	1303	-07.1	88	220	02	2803	-14.3	63	130	09
03	1005	000.0	88	000	00	0056	-01.1	86	000	00	1333	-09.1	86	190	04	2811	-16.0	57	110	06
04	1008	-03.8	96	315	04	0080	-04.2	96	320	04	1351	-09.2	86	050	07	2834	-15.1	60	105	07
05	1006	-00.4	96	000	00	0068	-00.9	96	330	01	1343	-08.2	88	285	07	2820	-10.1	31	210	08
06	1012	-02.1	89	000	00	0107	-01.6	76	315	08	1411	-05.4	30	310	12	2927	-10.5	24	666	66
07	1015	-01.6	80	315	08	0137	-02.4	66	315	08	1434	-04.7	78	320	09	2950	-09.2	30	340	09
08	1017	001.1	64	000	00	0150	-00.3	66	315	04	1429	-04.2	70	340	10	2953	-09.9	32	355	07
09	1016	000.3	92	300	08	0141	-00.3	88	310	08	1434	-04.6	72	330	08	2895	-09.7	A15	335	10
10	1008	003.1	70	090	01	0080	002.6	70	045	01	1378	-04.6	72	330	08	2895	-09.7	A15	335	10
11	1007	000.5	92	000	00	0072	-00.5	90	330	02	1352	-06.9	94	280	06	2846	-14.8	87	300	09
12	1008	-00.6	93	060	02	0078	-01.3	93	050	02	1350	-09.7	89	190	01	2825	-16.8	73	180	04
13	1012	-00.6	97	360	03	0115	-01.3	97	005	03	1392	-08.7	92	070	06	2873	-16.8	81	100	03
14	1010	-00.2	93	315	10	0097	-00.8	93			1375	-07.8	89			2863	-16.2	77		
15	1027	003.3	70	110	03	0233	000.6	57	050	03	1518	-05.4	33	270	05	3029	-10.6	25	275	11
16	1035	004.6	66	315	01	0294	003.8	65	205	02	1615	-03.3	41	340	06	3164	-07.0	64	330	11
17	1027	000.3	85	000	00	0230	001.1	62	150	03	1551	-03.5	45	090	05	3107	-04.0	53	090	08
18	1016	002.0	79	315	03	0142	001.2	74	320	03	1491	-01.6	58	195	01	2986	-07.9	30	110	10
19	1013	-00.5	87	315	04	0119	-01.7	87	320	04	1409	-01.9	80	005	03	2939	-07.4	42	035	03
20	1011	001.5	85	300	03	0106	000.6	85	350	04	1396	-05.7	87	315	05	2895	-11.4	53	295	09
21	1003	004.9	69	000	00	0040	005.0	68	230	02	1355	-01.9	75	245	05	2869	-10.0	87	260	10
22	1006	000.6	90	315	04	0062	000.3	90	315	05	1350	-03.9	86	235	02	2865	-10.6	81	220	10
23	1011	002.4	92	000	00	0103	001.6	90	120	01	1409	-00.6	68	155	03	2951	-07.2	57	190	09
24	1018	002.2	88	360	03	0158	000.7	89	360	04	1459	-00.4	86	100	04	3007	-03.8	52	145	07
25	1020	-01.2	93	360	06	0173	000.1	92	345	04	1473	003.2	31	125	07	3032	-02.5	28	125	10
26	1021	004.2	73	360	02	0187	003.3	70	340	05	1509	003.1	56	100	06	3065	-02.6	36	130	10
27	1021	005.0	76	360	02	0184	003.8	66	345	02	1507	004.7	53	110	06	3073	-02.1	63	130	12
28	1015	005.9	73	000	00	0138	005.3	64	345	01	1467	005.0	45	130	02	3031	-02.7	70	120	10
29	1006	004.5	85	090	03	0064	004.0	79	095	03	1382	002.6	67	130	12	2934	-06.0	77	150	18
30	999	001.3	94	110	03	0006					1314	002.9	89	195	10	2885	-20.2	93	145	15
MN	1013	01.1	84			115	00.5	81			1410	-02.9	69	337	01	2932	-09.3	57	152	03

Zr	500 MBS				400 MBS				300 MBS				200 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	5361	-24.3	79	135	20	6955	-33.9	75	140	33	8925	-45.3								
02	5300	-25.8	34	120	24	6878	-37.1	31	115	29	8807	-49.5								
03	5291	-29.5	A20	130	19	6846	-40.8		120	28	8770	-46.4								
04	5330	-26.8	77	090	18	6899	-39.3	69	080	21	8813	-52.3								
05	5308	-29.4	33	090	05	6866	-40.4		090	10	8775	-47.6								
06	5419	-26.1	42	150	08	6996	-37.6	36	135	10	8925	-51.2								
07	5456	-25.2	29	330	06	7037	-37.5	A22	335	07	8961	-51.7								
08	5472	-26.6	53			7042	-39.0	60			8958	-51.4								
09	5477	-25.5	A18	020	03	7056	-38.1	A22	040	12	8972	-50.0								
10	5419	-25.8	33	350	10	6991	-39.4	34			8929	-47.4								
11	5334	-28.2	38	300	05	6904	-37.8	33	170	05	8823	-52.7								
12	5300	-29.6	46	145	08	6855	-40.9		140	11	8765	-47.5								
13	5323	-31.2	72	065	12	6871	-41.4		065	15	8784	-45.8								
14	5318	-31.8	66			6870	-39.6	47			8834	-39.4								
15	5547	-25.4	68	290	21	7129	-37.2	63			9054	-51.5								
16	5717	-22.8	56	325	07	7520	-33.7	A21	315	08	9273	-48.8								
17	5608	-19.8	A17	205	06	7297	-33.0	A20	185	07	9255	-48.6								
18	5626	-22.5	63	120	10	7133	-32.3	65	130	08	9109	-45.9								
19	5481	-22.1	44	005	04	7086	-33.1	A31	340	09	9033	-47.2								
20	5424	-23.3	A18	285	20	7028	-32.6	A20	285	28	8995	-47.3								
21	5399	-22.9	A18	275	24	7003	-32.8	41			8970	-46.9								
22	5407	-22.4	76	210	24	7017	-32.5	31			8984	-46.5								
23	5504	-20.7	71	195	19	7122	-31.2	69	195	28	9093	-46.7								
24	5597	-19.9	A17	160	11	7213	-31.3	65	185	20	9186	-46.6								
25	5633	-17.8	30	115	14	7261	-31.1	A20	140	13	9228	-48.5								
26	5660	-18.3	37	150	13	7291	-29.5	32	160	22	9272	-46.6								
27	5659	-20.0	72	135	17	7280	-30.8	30	130	25	9250	-47.1								
28	5614	-19.4	55	125	20	7237	-30.8	40	125	26	9209	-47.6								
29	5515	-16.1	A16	205	11	7171	-24.8	52	200	07	9198	-40.7								
30	5509	-15.5	74			7160	-25.6	68			9181	-41.0								
MN	5466	-23.8	46	146	05	7060	-34.8	42	137	10	9011	-47.5								

Zr	150 MBS				100 MBS				80 MBS				50 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	13506	-44.7			16227	-43.5			17729	-42.9			20909	-41.6						
02	13453	-42.7			16190	-42.5			17698	-42.4			20878	-42.0						
03	13430	-43.2			16165	-41.9			17676	-42.0			20862	-41.0						
04	13435	-42.4			16198	-42.2			17708	-41.9			20901	-40.6						
05	13441	-42.9		090	12	16170	-43.4		095	07	17673	-43.1		085	07	20847	-42.4		075	07
06	13495	-44.3		090	07	16211	-44.3		080	05	17708	-43.9		095	04	20872	-43.0		070	06
07	13544	-44.4		050	05	16262	-44.2		060	03	17761	-43.4		070	04					

SUMMARY OF CONSTANT PRESSURE DATA

JANUARY 1959

EUREKA, N.W.T.

00 GMT.

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

Day	SURFACE				1000 MBS				890 MBS				700 MBS			
	Altitude (gm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	1012	-41.3		140	01	0087	-40.4	140	01	1204	-35.3	50 135	10	2545	-40.4	211 15
02	1023	-36.3	33	000	01	0165	-36.7	40 000	00	1309	-34.1	61 172	09	2653	-40.0	A22 165 13
03	1030	-40.6		070	01	0211	-32.1	45 142	01	1364	-33.8	61 240	05	2702	-41.6	256 06
04	1047	-43.9		110	01	0326	-30.2	38 000	00	1496	-27.5	A19 300	05	2889	-29.4	A20 276 16
05	1042	-41.2		000	00	0294	-28.6	30 000	00	1487	-21.9	29 319	06	2912	-22.7	A18 284 21
06	1041	-36.8	47	280	02	0288	-31.2	51 302	05	1451	-28.9	42 008	14	2880	-28.0	A19
07	1041	-27.9	63	290	03	0300	-21.4	56 360	06	1496	-20.3	51		2915	-28.3	37
08	1039	-23.0	70	270	05	0288	-21.0	64 314	07	1491	-20.6	51		2922	-23.1	A18
09	1036	-15.5	70	360	07	0274	-17.1	55 018	15	1494	-17.5	28 063	22	2930	-25.1	A19
10	1031	-22.1	58	270	01	0236	-15.9	48 033	09	1443	-19.0	38		2897	-25.2	32
11	1029	-21.2	82	280	11	0219	-18.7	78 305	10	1430	-21.6	49		2851	-24.3	54
12	1026	-24.8	70	300	07	0195	-18.2	57 330	06	1408	-19.5	44 059	15	2861	-18.3	A17 087 14
13	1017	-27.2	71	080	02	0128	-26.7	70 105	02	1327	-19.5	68 105	08	2777	-19.4	74 092 07
14	1021	-32.4	55	050	01	0154	-29.5	60 025	02	1345	-19.1	78 061	02	2774	-23.8	56 128 04
15	1028	-33.9	72	090	02	0203	-28.4	64 040	02	1392	-21.0	78 016	06	2828	-22.9	27 110 01
16	1032	-36.4	60	115	04	0228	-31.0	70 000	00	1416	-18.0	72 000	00	2855	-22.8	A18 000 00
17	1040	-38.3	66	140	01	0285	-27.6	57 015	03	1480	-20.1	66 110	04	2915	-24.5	A18 086 03
18	1032	-38.1	66	100	03	0231	-25.0	69 075	03	1468	-13.1	30 195	04	2927	-19.2	50 245 09
19	1017	-30.7	58	000	00	0128	-25.6	58 000	00	1367	-11.8	25 138	06	2837	-19.2	63 143 12
20	1015	-19.7	73	350	05	0118	-18.5	76 350	06	1350	-10.7	88 141	09	2827	-16.0	87 183 12
21	1020	-17.9	79	360	08	0155	-15.3	77 666	66	1382	-13.2	85 666	66	2821	-23.4	78 666 66
22	1023	-24.8	74	280	05	0172	-24.7	76 315	04	1382	-18.2	82 168	05	2822	-22.9	81 146 06
23	1028	-34.8	64	040	01	0204	-25.1	63 023	02	1423	-15.3	69 175	03	2867	-23.6	72 127 02
24	1016	-28.6	65	020	07	0121	-26.0	66 006	06	1316	-22.2	61 044	11	2737	-26.4	76 025 08
25	1000	-26.7	63	280	10	0007	-26.7	63 280	10	1201	-23.6	51 057	27	2620	-25.0	41
26	1007	-36.7	44	110	02	0055	-34.3	50 106	02	1251	-19.3	38 054	08	2690	-21.9	34 057 09
27	1008	-28.9	77	040	03	0065	-29.0	77 037	03	1226	-28.0	77 267	06	2626	-28.4	77 355 04
28	1009	-32.7	72	290	13	0071	-31.0	72 295	12	1254	-22.4	74 017	11	2676	-24.6	66 041 17
29	1010	-37.7	66	360	04	0076	-35.6	66 360	04	1240	-21.1	51 008	08	2664	-24.4	29 026 19
30	1013	-36.0	47	080	02	0111	-34.5	50 055	02	1277	-24.3	77 002	13	2675	-28.3	58 356 16
31	1016	-43.4		110	03	0114	-38.9	66 090	03	1277	-23.6	60 016	04	2683	-28.8	46 008 06
MN	1024	-31.7	64			178	-27.3	60		1369	-21.4	57 56	04	2792	-25.6	45 65 01

Day	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude (gm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	4799	-49.0		227 31	6247	-33.3			8080	-36.9			10630	-37.3		
02	4887	-52.2		164 20	6319	-34.7		175 14	8156	-35.5		199 12	10737	-37.9		220 06
03	4951	-47.9		246 22	6414	-50.7		239 26	8274	-53.6			10868	-37.8		
04	5246	-38.4	A22		6762	-45.5			8621	-45.4			11130	-63.1		
05	5334	-32.5	38		6881	-40.5			8796	-52.0			11305	-69.4		
06	5267	-29.1	A20		6833	-38.5	A22		8754	-52.1			11282	-64.3		
07	5249	-43.2			6748	-45.7			8609	-55.4			11164	-59.2		
08	5305	-40.2			6803	-48.4			8644	-57.6			11187	-60.9		
09	5311	-38.5	A22		6745	-48.5			8657	-58.7			11193	-59.6		
10	5279	-38.0	A22		6787	-48.5			8640	-57.7			11202	-57.6		
11	5248	-39.9	48		6752	-46.3			8623	-54.1			11194	-57.9		
12	5313	-31.8	A20 109 21		6855	-42.8			8735	-57.0			11262	-60.4		
13	5202	-33.7	72 085 21		6728	-45.5		068 31	8599	-55.2		072 27	11164	-58.2		
14	5164	-39.1	77 074 12		6670	-46.0		077 14	8539	-55.4		076 14	11105	-58.1		072 04
15	5227	-38.3	A22 249 19		6723	-50.3		239 16	8566	-58.0		130 03	11111	-58.4		021 09
16	5251	-38.1	A22 000 00		6760	-46.9		036 08	8618	-57.8		023 09	11149	-60.9		341 09
17	5302	-37.0	A22 317 09		6820	-46.1		315 12	8678	-59.0		309 12	11162	-64.9		293 16
18	5345	-37.3	60 255 15		6849	-48.8		253 15	8688	-61.1		265 17	11169	-63.9		292 17
19	5299	-28.5	72 210 17		6876	-35.8	71	221 32	8817	-50.0			11352	-68.0		
20	5321	-26.9	77 208 09		6897	-38.2	71	188 19	8808	-54.4		188 22	11324	-64.8		
21	5242	-34.2	58 666 66		6777	-42.0		644 66	8677	-53.9		207 13	11222	-60.5		236 10
22	5214	-38.0	75 135 12		6725	-46.8		131 07	8589	-56.7		116 08	11126	-60.5		109 04
23	5258	-37.7	64 236 02		6743	-48.5		332 03	8607	-60.0		053 14	11115	-62.8		027 09
24	5109	-40.1	345 09		6598	-51.0		300 07	8444	-57.0		341 07	10992	-61.0		025 13
25	4989	-39.5	A22		6489	-49.0			8347	-56.3			10888	-61.2		
26	5094	-37.2	50 033 13		6604	-47.3		038 24	8453	-59.9		037 28	10956	-63.0		
27	4969	-42.1	258 08		6531	-51.4		246 12	8293	-58.0		330 04	10827	-60.2		038 09
28	5046	-41.0	058 26		6530	-51.2			8366	-58.4			10908	-60.7		
29	5059	-35.9	31 031 31		6579	-45.9			8436	-59.1			10940	-62.5		
30	5036	-39.9	A22 340 22		6542	-48.2		327 21	8389	-58.7			10893	-62.0		
31	5029	-42.7	313 10		6508	-51.6		310 12	8522	-61.9		324 14	10834	-61.0		330 18
MN	5172	-38.3	43 252 01		6681	-46.9	55		8543	-56.8			11078	-61.3		

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude (gm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12456	-60.7			14947	-65.9			16297	-67.8			19085	-72.8		
02	12335	-62.4			15011	-66.5			16351	-70.4			19105	-75.6		316 05
03	12370	-61.2	189 06		15156	-67.5		207 03	16493	-69.8		360 10	19249	-73.3		
04	12906	-64.5			15355											
05	13028	-68.1			15439	-72.5			16743	-75.0			19456	-80.3		
06	13037	-66.0			15477	-71.0			16789	-73.8			19497			
07	12950	-69.0			15414	-68.4			16749	-70.4			19478	-78.1		
08	12971	-62.9			15450	-67.6			16783	-70.9			19525	-78.6		
09	12982	-62.1			15456	-66.0										
10	13012	-61.0			15505	-65.5			16858	-66.9			19654	-74.1		
11	12994	-62.1			15484	-65.1			16839	-66.7			19610	-73.9		
12	13050	-60.6			15532	-65.1			16902	-68.2			19678	-73.0		
13	12967	-61.2			15462	-66.3			16805	-69.3			19593			
14	12905	-60.9	008 05		15405	-64.8		006 14	16764	-66.9		350 19				
15	12913	-60.0	006 14		15430	-62.4		360 26	16802	-64.2		359 38	19665	-66.0	360 54	
16	12943	-59.5	308 13		15459	-61.9		338 29	16835	-62.8		332 32				

SUMMARY OF CONSTANT PRESSURE DATA

JANUARY 1959

STATION INSTRUMENTATION

USWB type radiosonde, SCR65B RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 72917 80°00'N 85°56'W 7 METERS

EUREKA, N.W.T.

12 GMT.

Z	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind				
	gpm. (on Sta.)	°C	%	deg. mpa.	gpm.	°C	%	deg. mpa.	gpm. (on Sta.)	°C	%	deg. mpa.	gpm.	°C	%	deg. mpa.				
01	1017	-37.5	66	030	03	0116	-37.7	66	030	02	1253	-34.0	67	171	08	2600	-39.1	68	180	12
02	1026	-34.6	51	290	13	0186	-33.8	47	320	09	1336	-34.1	62	163	07	2665	-42.9		172	06
03	1040	-39.7	66	110	03	0282	-29.6	58	130	02	1437	-32.7	50	283	05	2795	-35.7	33	272	16
04	1046	-43.9	000	000	00	0321	-29.9	A20	000	00	1506	-22.0	A18	305	05	2927	-24.2	A18	277	16
05	1040	-32.4	66	100	03	0280	-31.0	36	020	03	1456	-23.3	30	326	11	2882	-21.9	A18	304	30
06	1040	-32.3	72	270	09	0289	-23.1	68	335	10	1471	-23.0	67	065	27	2878	-29.4	55	064	21
07	1039	-25.6	66	280	11	0286	-21.0	74	338	11	1494	-21.0	70			2930	-23.5	52		
08	1041	-22.2	58	320	05	0306	-16.8	48	018	07	1521	-17.9	29			2958	-24.8	A18		
09	1030	-23.5	70	350	08	0227	-16.3	50	005	11	1444	-18.4	31	047	38	2885	-23.9	A18		
10	1030	-23.7	58	320	05	0225	-18.9	52	360	10	1439	-21.7	52	053	10	2862	-21.0	59	070	30
11	1030	-22.2	71	140	08	0227	-16.4	45	081	08	1431	-22.7	49	167	16	2852	-26.9	33		
12	1017	-31.0	52	000	00	0127	-26.2	51	000	00	1346	-18.2	43	061	16	2810	-16.5	45	075	16
13	1019	-31.5	65	360	02	0340	-28.7	67	349	02	1340	-19.9	72	105	02	2775	-21.8	A18	113	06
14	1025	-30.7	58	110	03	0182	-28.4	54	090	02	1369	-21.1	76	074	05	2797	-23.9	75	140	04
15	1029	-35.8	57	110	02	0209	-30.3	62	120	02	1404	-17.8	69	320	06	2846	-22.1	A18	324	01
16	1038	-37.7	66	212	02	0269	-30.7	53	235	01	1458	-19.4	47	360	03	2893	-23.8	A18	015	03
17	1037	-39.5	56	090	01	0262	-28.1	51	052	01	1472	-16.3	36	160	03	2918	-22.8	32	232	05
18	1025	-34.9	60	110	03	0181	-27.1	55	115	03	1416	-08.9	32	169	13	2892	-18.8	50	195	22
19	1012	-21.4	78	280	07	0094	-21.2	84	296	07	1329	-12.0	88	150	08	2797	-16.8	86	186	15
20	1021	-19.4	68	000	00	0161	-18.7	73			1399	-11.3	84			2862	-20.0	83		
21	1019	-22.5	78	310	10	0145	-21.5	68	346	09	1362	-15.6	79	122	05	2808	-23.5	79	157	09
22	1026	-32.3	49	060	03	0190	-25.0	57	050	03	1408	-15.2	74	170	02	2853	-23.9	71	130	03
23	1026	-35.6	57	060	00	0188	-28.4	54	000	00	1404	-15.4	70	325	03	2844	-24.6	59	021	05
24	1004	-28.7	65	360	09	0036	-28.0	66	360	09	1218	-24.7	61	041	28	2616	-28.0	41		
25	1000	-32.1	65	130	07	0007	-32.2	65	130	07	1196	-21.9	49	167	16	2622	-24.4	30	063	19
26	1007	-30.1	65	270	04	0056	-30.7	65	270	04	1243	-19.9	48	303	05	2667	-24.6	78	305	10
27	1010	-32.4	65	270	08	0080	-32.4	286	08	1236	-28.2	078	13	2624	-31.8	098	11			
28	1012	-31.7	55	000	00	0090	-32.4	54	000	00	1264	-22.2	44	065	06	2683	-26.8	63	035	12
29	1010	-38.1	66	110	03	0076	-36.2	66	139	03	1241	-23.5	65	342	09	2655	-27.8	73	353	15
30	1017	-40.1	100	04	0122	-36.8	66	055	03	1283	-24.1	67	011	06	2685	-29.9	53	339	11	
31	1010	-43.4	000	00	0075	-39.7	66	000	00	1233	-25.8	74	346	07	2626	-30.7	62	290	06	
MN	1024	-32.0	62			175	-27.6	57			1368	-21.1	57	58	05	2791	-25.7	49	41	02

Z	500 MBS				400 MBS				300 MBS				200 MBS								
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind					
	gpm.	°C	%	deg. mpa.	gpm.	°C	%	deg. mpa.	gpm.	°C	%	deg. mpa.	gpm.	°C	%	deg. mpa.					
01	4855	-50.1		189	18	6294	-55.7		181	23	8127	-55.7		190	16	10707	-57.3		219	06	
02	4885	-51.7				6332	-52.2				8184	-54.7				10761	-58.2				
03	5094	-44.0		263	39	6571	-50.0				8434	-54.1				11010	-58.9				
04	5334	-33.9		38	270	54	6867	-43.2			8744	-56.5				11241	-65.4				
05	5342	-28.9		40		6918	-36.3		41		8856	-50.6				11382	-68.9				
06	5227	-39.1				6739	-45.2				8631	-53.8				11196	-60.7				
07	5296	-42.6				6767	-52.7				8612	-56.3				11167	-60.3				
08	5338	-38.6	A22			6841	-49.4				8683	-59.0				11200	-61.5				
09	5270	-36.7	A21			6779	-49.5				8621	-58.1				11170	-59.1				
10	5236	-37.1	A21			6747	-47.5				8612	-56.5				11182	-57.9				
11	5279	-35.4	A21			6806	-43.7				8691	-54.7				11255	-59.1				
12	5261	-32.6	A20	089	19	6794	-44.3		082	28	8666	-56.4				11203	-60.8				
13	5180	-37.0	A22	107	07	6712	-45.5		086	06	8580	-56.0		076	18	11143	-58.2		081	12	
14	5177	-39.0	A22	175	03	6677	-47.7		105	06	8537	-56.2		070	07	11100	-57.4		046	05	
15	5247	-38.2	A20	259	10	6747	-48.9		278	10	8593	-58.3		009	06	11129	-58.9		006	11	
16	5286	-37.1	A22	295	05	6797	-46.7		312	09	8656	-58.0		327	10	11167	-62.2		303	18	
17	5326	-36.6	A22	287	11	6836	-48.6		272	10	8679	-60.3		247	09	11161	-65.3		267	13	
18	5306	-36.6	62			6817	-47.1				8668	-58.6				11187	-61.9				
19	5300	-25.3	80	232	26	6891	-36.8	74	209	36	8816	-52.7				11331	-68.0				
20	5290	-31.7	35			6845	-39.5	58			8750	-54.0				11277	-62.0				
21	5210	-36.8	58	197	16	6755	-43.8		191	15	8614	-56.9		202	16	11148	-60.7		307	03	
22	5243	-37.1	57	174	06	6751	-47.7		132	04	8604	-57.8		080	07	11135	-61.4		154	08	
23	5231	-37.7	47	029	08	6739	-47.9		015	09	8577	-61.6		338	12	11091	-61.9		010	11	
24	4975	-35.4	A22			6470	-49.4				8339	-56.1				10901	-59.5				
25	5016	-37.2	A22	069	14	6525	-46.2		068	43	8392	-57.0				10927	-60.9				
26	5051	-37.9	71	296	12	6568	-48.1		294	17	8398	-62.9				10897	-62.9		350	09	
27	4976	-40.8	141	10	6466	-49.8		133	15	8300	-60.3		126	13	10831	-59.9		087	16		
28	5063	-36.6	69			6591	-44.4				8452	-59.4				10948	-64.4				
29	5038	-39.4	A22	350	20	6542	-46.7		330	24	8406	-57.3		331	35	10915	-63.0				
30	5027	-42.7	345	16	6503	-51.7		330	17	8332	-60.4		350	22	10854	-61.2					
31	4968	-40.7	302	15	6453	-51.5		296	16	8270	-62.9		281	15	10790	-61.0				319	08
MN	5172	-38.0	39			6681	-47.0	58			8543	-57.1				11078	-61.2				

Z	150 MBS				100 MBS				80 MBS				50 MBS							
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind				
	gpm. (on Sta.)	°C	%	deg. mpa.	gpm.	°C	%	deg. mpa.	gpm. (on Sta.)	°C	%	deg. mpa.	gpm.	°C	%	deg. mpa.				
01	12507	-61.5		256	05	14991	-66.4		360	04	16336	-68.7		288	05	19130				
02	12562	-61.3				15033	-68.8				16361	-71.6				19098	-77.5			
03	12797	-63.1				15274	-68.0				16605	-71.3								
04	12992	-66.2				15429	-70.6				16744	-73.6								
05	13097	-68.9				15518	-71.5				16830	-73								

SUMMARY OF CONSTANT PRESSURE DATA

FEBRUARY 1959

EUREKA, N.W.T.

12 GMT.

STATION INSTRUMENTATION

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS								
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.					
01	1006	-42.8		040	02	0047	-42.1	040	02	1198	-29.9	57	039	15	2591	-29.4	37	054	14		
02	990	-32.3	65	320	07	-065	.			1076	-31.7	72	026	09	2441	-31.6	72	057	15		
03	1002	-45.3		110	01	0020	-44.4		110	02	1170	-27.7	42	097	04	2553	-32.0	55	110	11	
04	1017	-44.8		100	04	0122	-38.4	56	064	04	1287	-24.7	61	038	06	2694	-28.2	48	050	11	
05	1007	-37.4	56	090	06	0055	-35.8	56	087	06	1236	-21.3	35	025	10	2656	-25.2	A19	037	15	
06	1001	-41.7		120	02	0013	-41.4		119	02	1184	-22.8	65	062	04	2605	-25.6	37	031	07	
07	995	-33.3		72	280	16	-030	.		1133	-26.2	75	035	06	2527	-29.2	72	025	18		
08	1007	-39.4		66	090	02	0054	-39.3	66	089	02	1193	-32.4	58	021	09	2559	-34.0	70	040	08
09	1008	-45.0		090	03	0061	-43.4		081	03	1194	-32.7	52	053	10	2556	-34.0	57	040	06	
10	997	-37.2		66	290	06	-017	.		1127	-29.2	52	028	09	2506	-29.5	48	046	11		
11	1003	-46.7		100	02	0028	-45.8		100	02	1160	-34.1	42	040	09	2533	-29.1	49	210	06	
12	1005	-45.8		130	03	0040	-44.0		120	03	1189	-25.6	41	009	06	2611	-23.8	A18	204	03	
13	992	-33.8	64	290	11	-049	.			1121	-19.7	57	352	13	2569	-17.8	30	060	11		
14	991	-34.2	64	050	03	-057	.			1095	-27.2	66	031	02	2491	-27.3	76	020	07		
15	1002	-37.7	66	080	01	0020	-37.4	66	080	01	1165	-28.5	60	024	05	2559	-28.0	67	055	11	
16	1006	-39.0	66	090	02	0048	-38.7	66	080	02	1205	-25.7	73	320	10	2606	-30.0	76	318	10	
17	1014	-33.8	64	120	07	0104	-34.5	64	120	07	1259	-28.2	71	308	08	2640	-32.2	73	315	11	
18	1005	-34.8	60	110	08	0040	-35.0	62	110	08	1202	-28.1	73	334	07	2589	-31.6	72	329	14	
19	1014	-39.9	66	100	03	0102	-38.1	35	120	02	1269	-25.0	68	005	22	2662	-29.7	49	335	13	
20	1029	-38.6	66	090	05	0205	-34.0	63	126	04	1385	-24.4	71	321	04	2789	-29.0	60	330	04	
21	1013	-31.4	76	080	03	0099	-29.2	56	095	05	1292	-19.3	58	221	09	2731	-23.1	72	265	07	
22	988	-20.8	71	150	07	-083	.			1104	-22.8	82	205	05	2529	-24.7	80	202	06		
23	999	-30.8	61	130	05	0000	.			1163	-26.0	68	316	03	2555	-29.2	79	303	09		
24	997	-35.5	60	000	00	-013	.			1138	-25.4	71	162	08	2544	-28.7	77	192	09		
25	989	-38.4	66	110	03	-068	.			1086	-26.8	65	125	03	2482	-30.7	73	118	06		
26	994	-40.5		000	00	-038	.			1118	-25.3	70	352	04	2513	-30.3	72	038	06		
27	1001	-45.4		110	02	0013	-44.9		115	02	1151	-28.9	64	356	02	2534	-32.2	71	350	08	
28	1001	-41.5		060	04	0013	-41.4		060	04	1152	-28.5	67	190	01	2536	-32.4	64	341	03	
MN	1003	-38.1	66		24	-39.3	56			1180	-26.8	62	15	05	2577	-28.9	60	27	05		

Day	500 MBS				400 MBS				300 MBS				200 MBS								
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °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	4967	-41.6		069	11	6427	-52.0		074	14	8247	-61.0		081	13	10778	-59.8		055	11	
02	4775	-40.3		068	25	6287	-44.6		062	27	8176	-51.9		054	28	10783	-59.7		030	13	
03	4884	-42.7		090	13	6374	-48.9		047	28	8230	-56.9		047	28	10889	-60.5		048	15	
04	5046	-42.2		033	07	6521	-52.5		054	08	8392	-58.3		025	11	10886	-63.1		038	15	
05	5043	-39.2	A22	052	10	6543	-48.5		024	09	8385	-59.5		300	05	10831	-58.3		037	05	
06	4967	-40.5		336	05	6457	-50.1		312	03	8292	-59.4		200	05	10727	-57.9		235	03	
07	4868	-42.9		028	09	6342	-52.2		145	05	8172	-59.0		176	03	10706	-59.2		294	03	
08	4879	-43.6		352	04	6349	-52.8		090	03	8172	-60.0				8166	-58.5				
09	4868	-43.8																			
10	4853	-42.0		101	06	6335	-50.5		162	16	8170	-60.6		156	14	10700	-59.8		143	09	
11	4882	-42.1		235	13	6368	-50.4		201	18	8186	-63.6		192	22	10681	-61.5		150	05	
12	4994	-40.5		188	13	6478	-51.5		207	14	8282	-67.3		206	13	10740	-63.9		131	04	
13	4977	-38.7	56	078	10	6482	-48.3		135	08	8322	-62.2		150	15	10782	-65.0		110	04	
14	4857	-40.7		016	18	6344	-50.9		009	16	8177	-59.9		360	18	10700	-61.8		030	10	
15	4917	-40.2		064	25	6407	-50.3		049	26	8247	-59.4				10722	-64.4				
16	4944	-42.0		320	13	6424	-51.5		312	14	8242	-62.5		314	15	10719	-64.4		340	15	
17	4976	-42.7		330	16	6450	-52.8		340	22	8273	-60.6		340	22	10798	-59.6		349	16	
18	4925	-42.5		340	23	6399	-53.1				8226	-57.1				10786	-58.1				
19	5004	-41.1		306	09	6492	-50.3		305	09	8316	-61.8		350	14	10829	-60.5		345	14	
20	5112	-45.2		322	14	6578	-52.5		315	17	8404	-59.4		324	18	10942	-59.8		319	23	
21	5128	-36.1	63	304	11	6633	-49.0		297	17	8471	-60.4		287	19	10978	-59.5		288	23	
22	4912	-40.0		71	198	12	6394	-52.0	226	14	8234	-56.1		252	19	10820	-55.7		266	22	
23	4900	-42.9		315	11	6371	-52.2		316	12	8189	-61.0		320	09	10732	-59.2		270	11	
24	4876	-44.9		214	08	6336	-54.5		203	08	8147	-60.9		210	06	10680	-58.0		269	08	
25	4802	-45.9		118	13	6253	-55.3		125	11	8058	-62.0		128	08	10587	-60.2		265	01	
26	4831	-45.4		038	09	6288	-55.2		055	09	8085	-62.0		062	09	10582	-62.0		080	03	
27	4844	-46.1		004	03	6303	-53.3		352	04	8119	-62.1		015	09	10614	-62.5		065	03	
28	4842	-46.2		293	05	6301	-53.9		303	04	8119	-60.6		323	07	10635	-60.9		305	04	
MN	4923	-42.2	53	17	05	6403	-51.5		18	03	8231	-60.2		354	03	10755	-60.3		340	05	

Day	150 MBS				100 MBS				80 MBS				50 MBS								
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.					
01	12573	-61.5		044	10	15067	-64.6		012	13	16423	-66.2		012	22	19250	-67.7		348	33	
02	12599	-61.3				15116	-62.1				16489	-63.6				19350	-66.0				
03	12585	-60.3		033	16	15085	-65.0		003	13	16437	-67.3		355	26	19234	-72.3		327	30	
04	12671	-63.2		038	14	15139	-69.5		020	14	16440	-72.2		024	11	19189	-77.8		345	14	
05	12659	-63.4		030	19	15131	-68.2		020	20	16463	-70.3		354	14	19214	-77.8		330	19	
06	12632	-60.0		340	07	15122	-67.1		326	15	16457	-70.5		339	19	19207	-74.6		336	25	
07	12532	-60.8		268	02	15020	-66.6		330	04	16360	-69.5		323	09	19127	-74.2		313	13	
08	12497	-61.7		127	02	14977	-67.0		323	07	16318	-69.0		340	08	19100	-73.4		336	11	
09	12506	-62.4				14986	-66.2				16326	-69.6				19102	-72.1				
10	12487	-62.2		121	05	14966	-66.7		143	09	16310	-68.7		123	05						
11	12460	-63.2		020	03	14963	-66.6		039	05											
12	12504	-64.3		046	04	14969	-68.0														

SUMMARY OF CONSTANT PRESSURE DATA

MARCH 1959

EUREKA, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS								
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.					
01	1001	-44.7		110	01	0013	-44.5	108	01	1146	-28.6	59	145	09	2531	-32.2	69	240	19		
02	1001	-39.8	66	360	02	0014	-39.4	66	004	02	1162	-30.2	64	200	07	2539	-32.9	68	198	09	
03	1008	-44.3		150	03	0062	-41.5		150	03	1212	-29.5	58	193	06	2591	-32.7	51	305	02	
04	1014	-33.0		64	130	07	0105	-33.6	64	141	09	1266	-24.7	74	299	05	2666	-28.9	77	330	11
05	1017	-31.7		72	130	07	0126	-32.9	70	140	08	1295	-29.4	77	313	12	2699	-28.6	77	318	11
06	1017	-30.9		68	130	05	0126	-31.9	68	141	05	1292	-27.5	74	335	10	2682	-28.6	72	322	04
07	1020	-40.4		110	03	0143	-35.0	66	130	03	1266	-24.0	65	010	07	2674	-28.6	64	322	08	
08	1013	-41.8		090	02	0095	-37.7	66	074	02	1226	-28.2	64	036	09	2618	-30.4	34	075	12	
09	1010	-42.3		110	04	0075	-40.6		099	04	1226	-28.2	64	036	09	2618	-30.4	34	075	12	
10	1006	-39.0	56	000	00	0048	-38.8	66	000	00	1219	-20.1	68			2663	-21.9	67			
11	999	-41.6		110	04	-003					1186	-18.8	52	042	15	2620	-21.6	418	021	16	
12	1001	-43.2		110	02	0013	-42.8		111	02	1172	-23.0	68	269	02	2594	-25.3	72	261	03	
13	1006	-40.1		110	04	0048	-39.1	66	115	04	1201	-23.8	72	125	02	2617	-25.8	53	190	05	
14	1010	-37.1	56	120	05	0076	-37.4	58	127	05	1219	-27.3	74	110	02	2618	-28.6	61	159	04	
15	1008	-40.8		110	02	0062	-39.7	66	150	02	1198	-30.1	60	050	01	2576	-32.9	77	115	07	
16	1007	-43.0		110	04	0054	-42.7		116	04	1174	-35.3	59	324	08	2544	-32.6	75	304	03	
17	1015	-43.4		000	00	0108	-41.1		000	00	1240	-32.4	58	300	02	2611	-32.3	68	666	66	
18	1016	-41.1		090	03	0115	-38.7	66	097	04	1251	-29.2	59	110	01	2632	-32.0	67	666	66	
19	1010	-35.7	57	140	03	0076	-36.3	56	141	06	1214	-29.5	67	215	04	2490	-31.5	74	268	06	
20	1013	-40.9		070	02	0096	-37.3	66	100	02	1243	-27.7	58	109	04	2632	-30.8	48	092	07	
21	1011	-41.2		100	03	0080	-40.3		150	02	1233	-26.5	60	353	08	2636	-28.3	69	010	13	
22	1020	-42.4		000	00	0142	-35.8	66	000	00	1309	-23.8	64	008	08	2715	-27.1	66	018	13	
23	1016	-38.8	56	100	02	0116	-38.5	38	205	02	1294	-20.9	62	002	10	2714	-25.3	57	010	09	
24	1025	-35.0	38	110	06	0178	-34.4	47	124	05	1358	-23.6	74	089	03	2768	-27.4	79	312	09	
25	1030	-34.2	64	110	09	0214	-32.1	68	131	06	1402	-21.3	71	003	09	2831	-24.4	78	345	10	
26	1026	-37.1	31	110	03	0186	-33.1	40	080	03	1384	-20.0	71	336	07	2814	-23.9	49	306	07	
27	1017	-36.7	67	100	02	0124	-34.2	47	080	02	1316	-17.8	73	366	11	2744	-25.5	71	020	11	
28	1017	-33.3	54	120	05	0125	-33.7	58	149	03	1309	-20.1	80	330	07	2732	-27.3	77	299	09	
29	1017	-38.8	66	090	01	0123	-35.9	66	072	01	1288	-24.9	70	035	03	2691	-30.2	42	358	06	
30	1015	-39.5	66	120	01	0109	-36.7	66	179	01	1274	-24.4	70	352	09	2669	-31.8	74	360	09	
31	1011	-37.2	61	090	03	0082	-35.4	35	091	02	1250	-24.3	70	347	09	2655	-29.0	76	359	10	
MN	1013	-39.0	58			95	-37.4	54			1255	-25.3	67	350	04	2658	-28.8	65	342	05	

Day	500 MBS				400 MBS				300 MBS				200 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	4837	-46.4		252	08	6292	-54.2		279	11	8103	-61.1		266	05	10618	-61.4		290	04
02	4827	-48.1		195	07	6281	-54.5		094	03	8096	-59.7		052	04	10634	-59.7		003	05
03	4905	-43.5		053	15	6379	-52.0		033	23	8200	-61.4		029	21	10716	-61.3		010	17
04	5006	-43.3		323	15	6472	-54.2		320	20	8278	-62.0		324	23	10793	-61.0		331	16
05	5055	-40.5		339	21	6542	-50.7		334	18	8372	-61.2		345	17	10886	-59.0			
06	5014	-41.7		328	18	6503	-48.5		327	25	8367	-54.9		327	24	10953	-52.7		321	23
07	5094	-39.7	A22	320	09	6590	-50.3		309	11	8436	-58.8		292	08	11037	-50.1		314	11
08	5029	-41.2		339	12	6519	-49.5		312	17	8371	-54.4		303	16	11012	-48.9		291	16
09	4966	-39.4	A22	092	26	6468	-47.6		085	28	8349	-50.1				10998	-50.2			
10	5081	-35.4		64		6598	-46.5				8454	-57.4				11048	-50.4			
11	5035	-36.0	A21	340	12	6545	-47.7		337	11	8395	-55.8		320	05	11024	-49.7		275	10
12	4985	-37.1	A22	204	12	6499	-46.0		201	17	8368	-53.4		204	11	11026	-46.8		234	12
13	4989	-38.9		169	21	6489	-49.6		170	28	8335	-53.6		155	09	10986	-46.2			
14	4980	-40.3		167	16	6467	-51.2		147	17	8309	-55.0		150	14	10962	-46.0		213	14
15	4906	-42.1		135	17	6388	-50.5		140	19	8249	-51.4		152	16	10928	-45.1		222	10
16	4870	-43.5		111	09	6341	-52.2		110	09	8190	-51.0		139	03	10863	-46.0		221	10
17	4938	-44.3		030	07	6403	-53.6		048	05	8214	-47.7		050	02	10845	-48.5		233	09
18	4845	-45.1		323	06	6403	-54.0		301	06	8216	-59.3		274	03	10814	-51.0		263	12
20	4962	-43.2		072	11	6437	-51.5		065	19	8280	-54.5		066	13	10896	-52.2		226	04
21	4993	-39.4		014	28	6492	-48.6				8339	-58.4				10934	-52.0			
22	5074	-41.2		004	17	6560	-50.4		003	20	8418	-53.8		350	10	11052	-50.0		216	18
23	5086	-39.4	A22	008	09	6586	-47.7		005	12	8451	-54.1		285	05	11110	-45.5		210	08
24	5119	-42.1		319	06	6597	-51.1		310	06	8454	-51.6		274	08	11133	-44.7		243	11
25	5203	-39.4		340	11	6698	-49.1		310	11	8539	-59.1		345	19	11131	-49.5		265	09
26	5188	-40.2		319	06	6682	-49.5		313	10	8518	-59.9		316	10	11108	-51.0		299	06
27	5102	-42.1		015	18	6585	-51.2		003	16	8422	-55.1		003	21	11052	-50.7		015	07
28	5075	-43.2		322	17	6546	-52.8		322	17	8382	-54.5		327	14	11018	-50.0		327	06
29	5012	-45.0		332	09	6474	-53.9		321	10	8317	-51.9		318	06	10970	-48.7		280	06
30	4984	-44.2		025	14	6453	-52.5		024	15	8299	-53.5		022	08	10944	-49.3		148	03
31	4995	-43.0		017	09	6474	-51.2		010	09	8312	-54.0		015	08	10959	-48.3		034	04
MN	5005	-41.8	29	360	06	6488	-50.8		348	05	8330	-55.9		337	05	10943	-50.9		274	06

Day	150 MBS				100 MBS				80 MBS				50 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	12395	-63.6		308	06	14869	-66.9		338	11	16213	-68.4		315	14					
02	12425	-61.7		337	09	14920	-64.6		340	11	16281	-65.3		325	16	19154	-63.6		330	30
03	12498	-62.1		342	15	15003	-62.4		331	23	16377	-62.1		330	27	19312	-56.4		325	62
04	12576	-62.0		328	22	15087	-62.1		326	30	16472	-60.3		322	34	19458	-52.0			
05	12690	-59.4				15254	-53.0													

SUMMARY OF CONSTANT PRESSURE DATA

MARCH 1959

EUREKA, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USW8 type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 72917 80°00'N 85°56'W 7 METERS

Z	SURFACE				1000 MBS				850 MBS				700 MBS										
	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)							
01	1000	-35.1	60	290	01	0007	-35.1	60	290	01	1151	-29.0	74	230	08	2525	-33.3	76	216	11			
02	1003	-43.5	100	01	0028	-42.6	100	01	1175	-29.7	66	201	07	2552	-34.4	66	195	06					
03	1011	-41.6	070	02	0081	-38.0	66	666	66	1234	-27.0	54	666	66	2628	-29.9	65	666	66				
04	1017	-32.8	64	130	05	0125	-33.4	65	143	07	1292	-22.8	76	292	06	2698	-27.8	77	328	11			
05	1025	-32.1	65	140	05	0112	-32.6	64	146	06	1279	-24.3	75	322	13	2680	-30.1	80	328	13			
06	1031	-37.5	66	120	05	0151	-34.2	60	127	05	1317	-26.6	72	358	07	2721	-27.0	63	345	08			
07	1037	-42.9	090	02	0121	-36.9	66	051	03	1292	-23.3	69	351	06	2697	-29.0	56	349	06				
08	1040	-44.4	110	02	0075	-40.6	66	058	02	1230	-25.7	76	360	06	2618	-32.0	58	305	09				
09	1007	-40.9	000	00	0054	-40.4	000	00	1213	-21.0	59	042	13	2642	-22.2	73							
10	1002	-42.0	130	02	0020	-41.8	127	02	1204	-20.9	63			2644	-22.0	A18							
11	999	-42.2	140	02	0000				1166	-22.4	65	343	02	2591	-25.4	A19	036	03					
12	1003	-42.2	110	05	0028	-41.4	110	04	1183	-22.7	75	115	02	2606	-24.9	76	232	04					
13	1008	-37.8	66	110	05	0063	-37.8	66	117	04	1214	-24.8	77	047	03	2625	-26.9	75	137	05			
14	1013	-40.0	050	02	0096	-38.0	66	064	02	1235	-27.8	74	180	01	2631	-29.1	80	164	07				
15	1006	-45.6	100	04	0047	-44.8	113	03	1170	-32.1	68	666	66	2543	-32.9	79	666	66					
16	1012	-41.8	110	05	0087	-41.6	114	04	1214	-33.4	70	338	02	2583	-32.3	77	348	03					
17	1016	-45.6	110	02	0113	-42.6	127	03	1250	-30.4	51	180	02	2628	-31.9	67	296	03					
18	1014	-39.4	66	100	02	0103	-36.0	66	127	06	1244	-29.1	71	270	02	2623	-32.8	75	275	07			
19	1009	-39.7	66	060	02	0069	-37.8	66	094	04	1208	-29.6	62	155	01	2585	-35.7	64	180	03			
20	1012	-46.6	000	00	0085	-43.7	000	00	1183	-25.3	48	007	11	2636	-29.6	37	018	09					
21	1019	-42.2	090	02	0135	-37.8	50	118	03	1288	-25.2	55	028	01	2691	-28.0	63	024	10				
22	1016	-43.4	030	02	0114	-38.0	66	018	02	1292	-22.9	55	026	09	2706	-26.1	41	021	19				
23	1021	-41.9	120	05	0149	-36.9	66	115	03	1327	-22.7	77	355	08	2740	-27.0	61	344	07				
24	1029	-36.2	66	110	07	0204	-33.1	69	129	04	1388	-23.5	80	337	05	2802	-27.2	80	334	08			
25	1029	-35.0	60	120	07	0208	-31.8	62	123	04	1402	-20.4	63	348	07	2837	-23.8	69	325	08			
26	1020	-34.1	51	110	06	0145	-33.4	55	065	04	1340	-21.0	79	331	11	2765	-25.6	78	342	09			
27	1016	-40.4	000	03	0115	-37.0	66	000	00	1300	-17.7	85	353	10	2730	-26.8	74	006	11				
28	1018	-37.7	66	090	03	0131	-35.6	66	111	02	1301	-22.9	76	341	05	2714	-28.6	77	354	05			
29	1017	-42.6	66	110	03	0121	-37.7	66	087	03	1287	-26.3	61	016	06	2678	-32.2	60	021	08			
30	1014	-38.9	66	090	03	0103	-36.7	66	044	02	1270	-25.0	69	335	11	2671	-30.3	71	357	09			
31	1011	-38.3	66	110	03	0081	-37.1	66	106	03	1244	-23.8	77	360	09	2649	-29.8	80	349	07			
MV	1013	-40.1	60		96	-37.8	61			1256	-25.2	69	349	04	2659	-28.8	66	346	04				

Z	500 MBS				400 MBS				300 MBS				200 MBS				
	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	
01	4825	-47.5	203	10	6274	-55.0	204	07	8081	-62.0	172	07	10601	-60.9	021	06	
02	4850	-46.0	074	02	6309	-54.0	062	08	8130	-59.6	050	16	10662	-60.1	015	11	
03	4968	-42.2	666	66	6443	-52.9	666	66	8290	-63.2	006	25	10747	-61.7	358	18	
04	5045	-42.4	336	15	6523	-51.7	350	21	8399	-62.1	002	34	10860	-59.7			
05	5028	-40.3	313	22	6515	-51.2	316	23	8391	-58.0	325	20	10908	-55.4	324	19	
06	5081	-40.9	334	11	6569	-51.1	006	10	8405	-57.1	336	16	11000	-51.5	325	21	
07	5054	-39.8	A22	318	07	6545	-49.6	315	11	8395	-56.2	311	14	11017	-49.4	310	20
08	4949	-41.5	295	17	6440	-49.0	318	20	8316	-51.4	320	14	10967	-49.0	311	16	
09	5050	-36.4	74		6562	-47.5	8404		8404	-51.2	11011		11011	-49.9			
10	5062	-37.3	A22		6566	-49.0	8416		8416	-59.4							
11	4980	-37.0	A22	207	06	6497	-47.1	221	06	8364	-48.6	216	05	11002	-48.6	260	09
12	5008	-37.3	A22	194	18	6513	-48.2	168	09	8365	-56.7	190	11	11007	-45.9	229	12
13	4989	-40.0	163	15	6486	-49.1	177	14	8339	-53.7	176	13	10997	-45.9	208	15	
14	4978	-43.0	195	12	6450	-52.8	141	17	8301	-52.2	180	12	10971	-45.4	205	19	
15	4872	-43.4	123	08	6351	-51.0	106	10	8209	-51.2	124	09	10881	-46.7	205	19	
16	4913	-43.7	085	09	6384	-53.4	076	11	8213	-54.2	072	03	10865	-47.0	215	08	
17	4958	-44.1	323	09	6426	-53.3	345	07	8238	-59.0	351	04	10846	-48.6	240	10	
18	4941	-43.2	261	08	6406	-53.9	250	09	8224	-56.2	259	09	10847	-49.9	241	12	
19	4897	-44.7	126	07	6369	-51.6	117	06	8223	-53.5	075	02	10852	-52.0	244	06	
20	4982	-42.4	038	19	6320	-48.2	034	24	8230	-56.2							
21	5055	-40.2	011	19	6547	-50.1	005	20	8392	-57.4	356	13	10999	-51.2	194	05	
22	5072	-40.1	006	16	6568	-49.0	010	28	8433	-53.1	11080		11080	-46.4			
23	5101	-40.4	335	06	6592	-49.1	355	05	8447	-53.7	250	07	11113	-46.3	231	14	
24	5167	-39.7	69	006	15	6665	-49.1	358	16	8509	-55.8	350	13	11153	-46.1	272	14
25	5211	-41.2	345	07	6699	-50.2	307	12	8538	-58.0	314	13	11124	-52.1	284	07	
26	5135	-39.7	66	316	20	6631	-49.7	312	18	8473	-57.1	315	21	11093	-50.9	305	04
27	5072	-43.8	354	17	6541	-53.9	345	16	8369	-54.4	330	10	11001	-49.6	334	08	
28	5056	-43.6	331	10	6527	-52.9	326	10	8364	-54.9	317	07	11016	-48.6			
29	4984	-46.2	017	11	6441	-54.1	021	08	8290	-52.1	034	06	10941	-48.9	168	04	
30	5011	-43.6	013	15	6485	-53.0	032	22	8317	-53.9	018	10	10961	-48.6	203	01	
31	4987	-43.0	343	08	6466	-51.4	337	08	8312	-53.1	004	06	10973	-48.8	115	03	
MV	5009	-41.8	42	347	06	6492	-51.1	352	07	8333	-56.1	340	06	10949	-50.6	273	06

Z	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps)
01	12379	-63.3	340	06	14850	-66.9	340	12	16193	-68.2	339	14	19229	-57.2	327	41
02	12449	-62.0	349	11	14943	-64.5	332	17	16315	-63.1	325	24	19362	-52.9		
03	12525	-61.8	341	21	15020	-63.5			16400	-61.0			19526	-52.9		
04	12658	-60.0			15194	-58.0			16603	-57.3			19653	-46.0		
05	12746	-54.3			15369	-50.4			16839	-45.8			19981	-45.2		
06	12878	-49.5	315	28	15543	-48.1	307	38	17014	-48.0	207	38	20122	-47.5		
07	12903	-49.1	297	21	15545	-52.0	283	36	16992	-52.0	200	39	20039	-51.8		
08	12840	-52.2														

SUMMARY OF CONSTANT PRESSURE DATA

APRIL 1959

EUREKA, N.W.T.

00 GMT.

STATION INSTRUMENTATION

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

ST FT	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.				
01	1010	-38.1	66	100	05	0076	-36.3	39	110	04	1243	-29.0	70	344	03	2643	-30.6	75	314	05
02	1010	-39.7	66	110	02	0076	-38.2	66	120	02	1233	-26.3	72	160	06	2629	-30.4	79	160	09
03	1012	-40.2	66	000	00	0089	-37.5	31	000	00	1247	-28.2	66	168	06	2631	-31.9	56	144	12
04	1013	-40.6	66	110	01	0096	-38.0	66	090	01	1267	-25.0	54	203	04	2663	-31.2	40	165	02
05	1012	-37.8	66	100	01	0088	-35.0	33	069	02	1265	-24.0	42	006	08	2667	-29.6	61	036	09
06	1013	-39.4	69	150	05	0113	-38.0	67	152	05	1278	-26.8	77	275	03	2679	-25.9	81	009	10
07	1021	-34.9	38	000	00	0152	-30.6	46	000	00	1335	-24.4	50	113	04	2744	-28.2	A19	091	12
08	1028	-31.6	65	110	05	0203	-30.0	63	130	03	1385	-21.7	73	055	04	2811	-22.2	68	075	10
09	1029	-31.1	64	000	00	0211	-29.8	50	000	00	1387	-21.8	73	014	12	2813	-26.1	81	023	13
10	1018	-27.4	69	150	06	0136	-28.1	71	152	06	1302	-28.6	77	292	04	2686	-31.8	79	315	10
11	1011	-22.7	70	152	11	0086	-22.6	71	155	11	1276	-23.3	75	231	13	2680	-28.0	60	238	19
12	1005	-16.7	79	160	11	0045	-17.0	80			1246	-23.9	80		2650	-28.5	75			
13	1022	-25.4	67	140	03	0165	-25.4	54	146	06	1353	-22.6	54	199	06	2770	-27.1	56	252	15
14	1019	-26.1	66	090	05	0143	-22.5	58	108	04	1363	-17.5	33	155	09	2801	-22.9	30	165	12
15	1027	-26.1	60	090	01	0202	-22.3	58	226	03	1402	-20.9	75	212	04	2829	-24.0	30	221	08
16	1036	-22.2	64	110	01	0268	-20.9	65	084	01	1488	-14.1	74	225	08	2946	-20.9	79	265	22
17	1033	-18.6	65	110	02	0252	-13.7	53	130	03	1505	-10.2	46	199	05	2970	-20.9	35	203	14
18	1032	-20.6	67	090	02	0243	-16.3	66	290	02	1473	-10.7	74	254	03	2926	-20.9	31	217	05
19	1033	-23.4	63	090	02	0247	-19.3	68	017	02	1465	-19.2	80	358	04	2908	-22.5	A18	352	01
20	1029	-27.3	63	000	00	0216	-23.6	67	000	00	1442	-13.8	39	340	07	2894	-22.0	53	357	07
21	1027	-27.3	59	000	00	0200	-25.1	67	000	00	1406	-15.6	60	336	07	2854	-22.3	34	337	08
22	1027	-26.7	63	090	01	0199	-26.9	63	285	01	1384	-23.4	75	021	03	2795	-28.6	77	280	02
23	1029	-27.7	59	030	02	0212	-27.9	58	326	02	1410	-20.9	63	034	08	2844	-23.5	47	042	07
24	1025	-28.3	62	110	02	0183	-26.6	61	060	04	1392	-20.3	66		2840	-21.1	29			
25	1023	-26.6	63	110	04	0173	-22.5	62	081	04	1398	-15.5	38	035	01	2847	-20.8	A18	084	13
26	1015	-24.4	63	000	00	0115	-21.2	60	000	00	1354	-12.7	40	095	08	2829	-17.5	40	140	04
27	1012	-17.3	65	110	05	0096	-13.3	61	121	05	1343	-15.0	47	160	09	2787	-23.2	50	135	11
28	1013	-18.4	79	310	05	0104	-14.4	64	313	05	1333	-19.2	64	110	06	2760	-24.8	42	170	06
29	1003	-17.3	61	290	05	0030	-17.0	64	290	05	1264	-14.5	41	054	09	2727	-13.6	33	072	07
30	1006	-18.3	75	290	02	0052	-18.2	75	030	02	1293	-11.3	65	193	02	2759	-20.3	71	229	05
MR	1020	-27.0	64			149	-25.0	60			1351	-20.1	61	153	00	2779	-24.9	52	193	01

ST FT	500 MBS				400 MBS				300 MBS				200 MBS							
	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.				
01	4964	-44.9		297	06	6432	-52.0		328	05	8297	-50.6		355	02	10966	-47.5		000	00
02	4960	-43.0		154	19	6447	-48.5		145	19	8334	-49.2		150	16	11000	-48.3		130	11
03	4969	-40.9		117	21	6461	-48.7		122	32	8334	-51.0				11012	-45.9			
04	5003	-40.3		100	17	6495	-49.6		095	18	8348	-51.9		105	14	11024	-46.0		095	02
05	5027	-39.5	68	075	20	6524	-49.1		085	30	8388	-51.7				11071	-44.2			
06	5058	-39.9		356	15	6546	-50.5		350	31	8419	-50.0		015	09	11111	-43.9		052	09
07	5103	-39.8	A22	100	23	6595	-50.3		106	29	8459	-51.5				11137				
08	5218	-37.8	A2	039	10	6725	-47.5		056	14	8587	-52.0		054	13	11264	-45.1		051	12
09	5192	-38.4	69	014	18	6695	-49.4		014	22	8558	-51.8		019	16	11247	-44.1		029	14
10	5024	-41.2		326	23	6528	-44.1		326	21	8464	-42.1		342	13	11211	-42.2		345	11
11	5032	-42.3				6528	-44.0				8474	-41.7				11236	-40.7			
12	5029	-46.6				6550	-43.2				8481	-45.4				11226	-41.9			
13	5130	-40.0	49	246	20	6620	-49.2				8523	-43.9				11266	-40.9			
14	5209	-35.4	41	165	15	6729	-45.4		180	17	8607	-51.4		167	09	11289	-45.6		190	16
15	5229	-36.8	A22	210	14	6744	-47.0		210	15	8632	-49.7		214	14	11309	-46.1		215	12
16	5355	-36.6	70			6870	-47.3				8729	-54.5				11384	-46.8			
17	5384	-36.9	59			6900	-45.3				8760	-56.7				11397	-46.7			
18	5343	-38.7	59	220	05	6863	-46.7		205	09	8732	-51.8		195	07	11415	-44.7		181	03
19	5300	-39.3	46	028	03	6800	-48.5		029	04	8687	-48.1		332	01	11389	-44.9		018	01
20	5309	-35.8	60	351	08	6830	-45.5		005	08	8712	-50.2		004	09	11406	-44.1		352	05
21	5294	-36.9	50	334	08	6773	-45.4		324	08	8665	-48.3		296	08	11384	-42.3		356	05
22	5139	-40.2		228	06	6658	-42.4		042	03	8595	-42.6		027	02	11355	-40.7		310	03
23	5238	-37.3	43	047	09	6748	-47.4		258	15	8634	-47.9		044	12	11362	-42.1		015	03
24	5248	-37.0	A22			6762	-46.6				8642	-48.8				11358	-42.6			
25	5258	-32.3	A21	081	22	6775	-46.1		074	38	8654	-50.8				11345	-45.8			
26	5275	-33.5	A21	234	12	6805	-45.5		248	24	8673	-54.2		222	18	11340	-44.9		140	10
27	5187	-37.3	A22	119	24	6698	-46.6		117	35	8570	-54.2				11267	-42.1			
28	5137	-40.2		207	13	6628	-49.6		195	15	8500	-50.3		173	10	11218	-43.9		125	07
29	5124	-35.8	53			6666	-46.9				8533	-54.3				11224	-44.0			
30	5163	-37.9	65	220	03	6669	-48.0				8535	-50.0				11243	-43.7			
MR	5163	-38.5	45	90	03	6669	-47.2		91	07	8551	-49.9				11249	-44.1			

ST FT	150 MBS				100 MBS				80 MBS				50 MBS								
	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. mps.					
01	12868	-47.5		117	01	15565	-44.6		197	05	17068	-42.0		218	11	20285	-38.5		205	20	
02	12906	-46.7		092	05	15607	-43.8		239	03	17115	-41.0		230	03	20332	-37.6		219	14	
03	12936	-44.3				15684	-39.6				17213	-38.9				20420	-39.2				
04	12956	-41.8		185	06	15710	-40.9		191	09	17234	-39.4				20448	-40.0		190	09	
05	13015	-40.8				15769	-39.7				17297	-39.2				20502	-40.5				
06	13049	-43.0		078	04	15790	-41.0		165	03	17311	-40.3		145	02	20498	-43.0		180	07	
07																					
08	13196	-42.6		038	06	15930															

SUMMARY OF CONSTANT PRESSURE DATA

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APRIL 1959

EUREKA, N.W.T.

12 GMT.

STATION INSTRUMENTATION

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude (gpm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gpm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gpm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gpm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	1009	-42.3	110	05	0068	-39.6	66	110	05	1225	-25.5	73	099	02	2618	-31.7	76	225	04	
02	1013	-42.4	100	03	0095	-38.8	66	109	03	1250	-27.0	67	183	09	2641	-31.2	66	155	10	
03	1011	-43.9	090	01	0080	-40.8	60	080	01	1239	-26.7	69	169	04	2630	-30.8	51	143	07	
04	1016	-43.5	120	02	0115	-35.6	50	084	02	1294	-24.0	52	068	01	2694	-30.2	33	030	03	
05	1010	-35.4	60	030	02	0077	-34.5	61	016	02	1245	-25.1	77	002	05	2646	-26.2	79	030	11
06	1021	-33.8	54	110	02	0154	-29.8	58	120	02	1322	-27.9	73	176	09	2713	-29.9	79	102	05
07	1022	-37.8	66	090	03	0144	-31.1	63	035	03	1332	-20.0	36	010	06	2758	-23.7	68	053	12
08	1033	-34.0	54	120	03	0237	-29.8	62	184	01	1421	-20.7	77	355	04	2851	-22.5	81	030	07
09	1022	-27.8	59	130	02	0162	-30.9	64	033	01	1336	-22.5	78	344	14	2750	-27.4	78	356	16
10	1018	-31.8	68	110	04	0134	-30.4	64	140	07	1297	-27.6	72	243	05	2687	-29.8	63	305	12
11	1005	-16.6	80	170	10	0045	-16.7	80	171	12	1247	-25.2	79	185	12	2656	-26.5	77	225	18
12	1015	-26.1	66	130	06	0115	-66.6	66	12	1294	-25.9	72	12	2694	-29.2	50	150	15		
13	1022	-27.8	59	110	02	0165	-22.9	59	122	03	1362	-17.3	53	171	13	2813	-23.9	55	180	15
14	1020	-31.0	55	100	02	0150	-20.8	58	140	03	1362	-18.8	64	167	06	2792	-24.1	75	181	08
15	1036	-29.9	67	100	02	0243	-23.5	69	130	02	1463	-19.0	39	224	04	2900	-22.4	46	265	18
16	1035	-21.8	61	100	02	0260	-20.3	63	116	02	1493	-13.0	58	225	08	2954	-21.0	33	252	14
17	1032	-23.9	70	120	03	0242	-66.6	66	131	04	1491	-12.1	62	188	03	2952	-20.8	75	204	11
18	1034	-27.2	66	110	03	0251	-19.9	71	270	01	1468	-18.2	81	280	01	2911	-22.6	28	210	02
19	1032	-29.4	62	100	02	0235	-22.8	67	010	02	1452	-17.4	72	010	04	2900	-21.4	23	020	04
20	1028	-29.9	55	120	02	0205	-27.4	62	240	02	1418	-14.8	33	330	08	2869	-22.4	73	347	06
21	1026	-29.7	62	000	00	0190	-26.9	50	000	00	1386	-17.9	69	337	08	2823	-24.1	50	332	09
22	1029	-31.7	65	110	03	0211	-29.2	60	136	03	1401	-22.8	72	054	04	2820	-26.2	56	064	08
23	1029	-32.8	54	110	03	0210	-28.9	60	136	03	1408	-19.5	53	053	05	2850				
24	1024	-32.2	52	100	02	0176	-27.5	58	230	01	1387	-16.9	45	063	10	2837	-20.3	27	076	15
25	1023	-29.1	62	120	03	0171	-66.6	66	068	02	1397	-15.5	38	086	05	2851	-20.5	29	135	05
26	1010	-27.8	66	110	02	0079	-24.0	65	106	02	1322	-11.3	37	159	12	2797	-17.0	75	135	08
27	1015	-22.5	57	100	03	0118	-15.7	57	118	03	1351	-17.8	62	163	10	2777	-26.1	73	154	09
28	1007	-24.6	78	120	02	0058	-20.3	79	130	02	1281	-17.8	60	053	05	2733	-20.0	43	190	01
29	1004	-20.5	71	110	02	0037	-20.3	71	110	02	1268	-14.3	52	091	05	2732	-19.4	40	156	07
30	1010	-23.1	67	110	02	0081	-21.8	66	150	02	1316	-12.0	58	310	03	2781	-21.0	66	270	04
MN	1020	-30.3	62			151	-27.1	63			1352	-19.8	61	162	01	2781	-24.6	59	154	01

Day	500 MBS				400 MBS				300 MBS				200 MBS							
	Altitude (gpm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gpm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gpm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gpm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	4936	-44.1	203	05	6413	-49.9	190	06	8297	-48.0	165	06	10975	-47.2	152	05				
02	4981	-41.1	121	15	6478	-47.2	136	34	8352	-51.1	110	15	11015	-47.3						
03	4975	-40.1	115	19	6480	-47.7	110	33	8343	-52.8	107	21	11016	-45.2	145	01				
04	5039	-41.2	090	15	6529	-49.9	094	17	8389	-51.1	090	17	11017	-44.1	105	03				
05	5037	-39.1	76	055	29	6537	-49.8	8392	-52.1				11072	-44.5						
06	5076	-41.4	061	11	6563	-50.0	059	10	8450	-48.3	057	10	11158	-43.3	055	07				
07	5161	-37.6	73	058	21	6669	-47.9	070	30	8530	-54.0		11198	-44.7						
08	5251	-38.5	66	030	12	6751	-49.2	040	18	8608	-52.4	041	14	11283	-44.3	037	18			
09	5113	-40.4	342	27	6605	-49.4	8498	-45.7					11228	-42.5						
10	5038	-41.3	331	23	6528	-45.0	323	17	8477	-40.2	291	12	11241	-40.5	306	06				
11	5032	-38.8	69		6540	-46.5	8467	-40.2					11221	-40.6						
12	5041	-41.9			6558	-41.7	8505	-43.1					11269	-41.0						
13	5217	-36.7	63	202	23	6731	-45.6						11287	-44.2						
14	5191	-36.8	60	175	12	6706	-44.9	175	15	8599	-49.3	191	10	11292	-44.8	198	10			
15	5300	-39.0	422	271	19	6793	-51.2	267	14	8656	-51.8	237	13	11322	-46.7	226	13			
16	5360	-37.3	57	239	11	6874	-46.7	253	12	8733	-56.9	268	10	11358	-45.8	192	09			
17	5363	-37.1	70	201	14	6876	-46.5	185	09	8743	-55.0	209	09	11403	-44.5	201	06			
18	5311	-37.8	33	200	06	6814	-48.7	180	05	8688	-47.7	276	03	11377	-44.8	030	01			
19	5309	-36.9	49	030	10	6824	-46.4	040	14	8710	-49.6	039	08	11410	-44.1	018	02			
20	5275	-35.7	31	351	10	6797	-45.3	354	16	8678	-52.0	349	12	11366	-44.5	135	08			
21	5207	-37.5	41	312	10	6718	-46.2	320	10	8622	-45.7	330	08	11362	-41.6	003	08			
22	5190	-39.0	33	073	13	6694	-46.5	068	12	8597	-44.8	064	12	11344	-41.2	049	05			
23																				
24	5246	-37.3	A22		6757	-47.0				8636	-49.3			11342	-44.1					
25	5271	-35.9	A21	104	09	6790	-45.9			8668	-50.6	103	11	11356	-45.1	102	09			
26	5262	-31.9	73	110	09	6803	-44.0	124	09	8671	-59.9	109	08	11319	-43.6	122	11			
27	5135	-40.9	169	08	6824	-50.4	141	11	8508	-47.8	123	10	11228	-42.3	138	09				
28	5193	-38.9	191	13	6840	-46.9	200	13	8516	-50.9	208	08	11226	-43.6	130	05				
29	5151	-36.1	64	337	04	6665	-47.4	108	10	8532	-52.0	134	12	11240	-43.5	166	12			
30	5182	-38.5	55	226	02	6683	-49.0	320	02	8546	-50.0	136	07	11259	-42.8	125	07			
MN	5165	-38.5	51	80	02	6670	-47.3	104	05	8552	-50.0	102	03	11250	-43.9	129	03			

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude (gpm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gpm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gpm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (gpm. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	12882	-47.3	167	03	15587	-44.7	170	05	17087	-42.0	205	09	20309	-37.7	195	14
02	12923	-45.9			15646	-41.1			17167	-40.5			20372	-39.3		
03	12944	-42.8	162	08	15703	-40.0	207	06	17227	-39.9	178	07	20450	-39.0	219	06
04	13016	-40.0	148	08	15779	-39.9	162	05	17310	-38.1	198	07	20525	-40.6	190	08
05	13010	-42.1			15757	-40.4			17279	-40.2			20478			
06	13103	-42.2	048	05	15852	-40.9	135	03	17374	-39.9	110	03	20573	-40.6	146	04
07	13137	-42.4			15879	-41.5			17394	-41.5			20586	-40.8		
08	13216	-43.1			15957	-41.5			17466	-41.9						

SUMMARY OF CONSTANT PRESSURE DATA

MAY 1959

EUREKA, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWS type radiosonde, SCR658 RDF tracking equipment

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

Day	SURFACE								1000 MBS								850 MBS								700 MBS							
	Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind								
	gpm. (on Sta.)	°C	%	dir.	mps.	gpm.	°C	%	dir.	mps.	gpm. (on Sta.)	°C	%	dir.	mps.	gpm.	°C	%	dir.	mps.	gpm.	°C	%	dir.	mps.							
01	1014	-18.8	62	290	03	0110	-18.6	64	301	03	1338	-15.8	57	003	05	2787	-22.0	74	353	03												
02	1025	-18.2	65	340	03	0190	-19.0	67	327	05	1398	-18.8	78	336	09	2830	-24.8	79	327	12												
03	1051	-18.9	59	110	01	0284	-19.1	66	087	02	1440	-21.9	79	224	03	2849	-28.7	80	263	10												
04	1035	-19.4	75	290	03	0264	-16.6	73	325	05	1478	-21.1	74	090	07	2907	-25.0	76	147	10												
05	1028	-17.8	72	280	10	0214	-16.2	46	656	66	1447	-14.4	41	666	66	2901	-21.0	53	076	09												
06	1019	-20.1	71	110	03	0146	-20.2	72	074	03	1379	-13.8	39	109	08	2837	-20.0	72	090	12												
07	1014	-17.8	66	220	01	0111	-17.5	66	265	02	1342	-15.2	45	079	05	2794	-21.1	56	103	09												
08	1008	-17.8	62	110	02	0067	-17.8	63	090	02	1300	-13.9	58	080	04	2756	-20.6	60	146	08												
09	1003	-17.2	75	110	02	0030	-17.2	74	110	02	1270	-12.0	52	046	04	2733	-20.0	75	082	05												
10	1002	-17.3	64			0022	-17.3	64			1247	-15.1	51																			
11	1015	-12.7	73	140	08	0120	-13.8	73	140	08	1340	-16.7	77	174	10	2778	-24.0	75	273	02												
12	1026	-13.9	76	110	06	0201	-14.7	71	152	06	1420	-18.9	76	220	02	2854	-22.7	77	306	05												
13	1029	-14.5	79	140	05	0223	-15.5	79	666	66	1443	-17.4	72	666	66	2888	-22.0	37	268	07												
14	1026	-11.3	73	140	05	0201	-14.1	74	142	08	1433	-15.1	71	169	04	2881	-23.4	71	272	07												
15	1029	-11.1	76	140	04	0236	-12.5	76	150	05	1455	-16.9	79	230	04	2899	-21.5	75	244	08												
16	1027	-14.0	72	200	03	0209	-14.0	71	323	02	1430	-17.1	82	198	08	2875	-22.6	84	214	12												
17	1034	-14.4	72	270	05	0259	-15.5	70	015	01	1478	-15.3	59	300	04	2935	-19.5	40	300	05												
18	1034	-16.1	79	110	04	0259	-14.6	73	091	01	1513	-08.9	24	149	02	3000	-15.1	24	265	02												
19	1024	-14.9	76	110	04	0187	-13.2	70	140	03	1451	-07.2	24	300	01	2952	-12.6	116	267	03												
20	1018	-09.3	64	140	05	0145	-10.3	66	140	06	1401	-08.6	60	260	02	2879	-14.4	40	230	08												
21	1011	-09.4	77	270	05	0091	-09.3	78	285	05	1343	-10.9	85	093	04	2818	-18.5	86	110	07												
22	1018	-09.4	70	140	03	0145	-10.5	70	065	02	1409	-08.3	61	080	06	2897	-14.9	77	093	10												
23	1012	-06.6	77	070	01	0099	-06.9	69	028	02	1387	-03.0	35	046	04	2905	-10.7	55														
24	1011	-07.2	68	020	05	0092	-07.0	66	020	06	1364	-08.7	58	040	17	2852	-15.4	29	030	09												
25	1014	-07.8	77	290	05	0115	-07.8	77	303	04	1372	-13.1	75	090	02	2849	-15.8	83	288	02												
26	1010	-08.1	74	270	03	0107	-08.9	75	234	02	1367	-11.1	81	169	05	2844	-17.6	81	193	09												
27	1011	-06.0	74	270	04	0085	-05.8	72	280	04	1363	-05.3	51	120	04	2865	-12.0	116	136	05												
28	1010	-05.4	74	290	03	0086	-05.0	72	000	00	1370	-05.6	59	177	06	2870	-14.2	70	155	04												
29	1011	-04.4	84	270	05	0093	-04.1	81	269	04	1376	-06.8	84	111	03	2871	-13.3	78	146	06												
30	1003	-04.4	88	270	08	0031	-04.2	87	276	08	1321	-05.2	69	033	07	2820	-14.6	76	052	09												
31	1005	-02.2	88	150	03	0047	-02.6	88	151	04	1322	-07.4	90	193	05	2816	-16.2	83	220	03												
MN	1018	-12.5	73			142	-12.5	71			1387	-12.6	63	107	02	2858	-18.8	62	158	01												

Day	500 MBS								400 MBS								300 MBS								200 MBS							
	Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind		Altitude	Temp.	R.H.	Wind								
	gpm.	°C	%	dir.	mps.	gpm.	°C	%	dir.	mps.	gpm.	°C	%	dir.	mps.	gpm.	°C	%	dir.	mps.	gpm.	°C	%	dir.	mps.							
01	5182	-38.6	62	065	06	6682	-49.3																									
02	5212	-39.5	76	327	18	6713	-48.2			321	19	8602	-46.1		024	01	11262	-43.4		118	05											
03	5191	-42.4	252	22	6694	-43.7			257	15	8635	-40.4		010	06	11337	-41.8		078	03												
04	5283	-39.5	69	155	18	6783	-48.3			170	13	8689	-43.2		095	06	11441	-41.5		087	16											
05	5312	-36.2	65	093	10	6826	-47.8			094	13	8704	-46.0		099	08	11433	-42.2		029	04											
06	5257	-35.8	64	087	17	6776	-45.7			096	15	8681	-45.8				11419	-41.5														
07	5220	-33.0	66	115	11	6765	-46.8			102	16	8674	-45.1		130	22	11395	-41.2		092	12											
08	5185	-34.2	50	149	15	6712	-44.6			111	15	8600	-50.5		103	19	11302	-42.1		105	10											
09	5150	-36.1	76	084	08	6671	-46.7			080	13	8543	-50.3		077	17	11255	-42.0		124	07											
10																																
11	5163	-38.0	67	359	04	6674	-46.5			357	19	8553	-48.6		005	06	11291	-40.2		125	03											
12	5263	-35.4	73	329	12	6787	-45.9			316	11	8665	-54.2		349	14	11383	-40.5		231	04											
13	5296	-35.9	56	279	10	6813	-67.3			311	17	8694	-50.0		285	08	11414	-42.4		278	03											
14	5299	-34.9	40	269	11	6823	-65.7			257	13	8702	-50.0		278	15	11426	-41.6		271	07											
15	5314	-35.7	69	245	13	6834	-46.5			231	14	8713	-47.2		255	08	11448	-41.0		255	05											
16	5279	-37.2	69	222	13	6790	-47.4			204	13	8695	-42.8		235	08	11448	-41.0		184	04											
17	5362	-34.7	47	310	10	6887	-45.6			325	15	8792	-46.2		270	10	11517	-43.1		245	08											
18	5471	-30.7	A20	022	03	7023	-41.4			000	00	8930	-49.9		000	00	11624	-45.2		265	12											
19	5450	-28.1	A19	325	07	7013	-40.0			32	17	8929	-52.2		316	08	11595	-44.6		280	10											
20	5356	-31.2	71	222	15	6916	-38.8			A22	220	27	8846	-49.9																		
21	5270	-31.5	32	149	08	6815	-42.3			154	14	8732	-44.8		151	13	11489	-40.5		141	04											
22	5378	-29.0	70	088	15	6938	-40.6			084	22	8849	-49.6		089	30	11559	-43.2		093	09											
23	5417	-26.7	A19			6991	-38.6			44		8904	-53.7																			
24	5319	-31.1	A20	325	10	6863	-43.1			326	11	8754	-44.0		330	12	11530	-41.7		044	05											
25	5304	-32.8	A20	225	05	6844	-42.2			226	05	8772	-44.8		194	03	11523	-41.0		083	01											
26	5300	-31.9	73	179	12	6847	-41.6			196	13	8770	-43.5		188	12	11541	-39.2		172	07											
27	5368	-28.1	58	138	10	6929	-40.6			150	10	8839	-53.0		153	14	11533	-42.3		144	13											
28	5356	-28.9	55	108	06	6919	-39.5			40	103	06	8834	-51.2		090	09	11545	-41.6		127	06										
29	5355	-30.8	62	082	03	6911	-4																									

SUMMARY OF CONSTANT PRESSURE DATA

MAY 1959

EUREKA, N.W.T.

12 GMT.

STATION INSTRUMENTATION

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (ft. on SCL)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on SCL)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on SCL)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on SCL)	Temp. °C	R.H. %	Wind deg. mps.				
01	1019	-19.9	71	160	01	0146	-19.8	72	196	02	1360	-18.4	77	287	03	2794	-23.9	80	341	09
02	1028	-21.4	64	090	02	0211	-19.6	61	040	01	1416	-21.6	77	310	10	2894	-27.2	76	300	19
03	1034	-21.1	71	000	00	0293	-19.0	70	000	00	1461	-23.1	79	158	12	2874	-28.4	75	184	12
04	1033	-24.6	78	150	01	0249	-16.9	76	360	07	1471	-17.2	59	059	08	2912	-22.4	71	102	09
05	1023	-22.7	70	100	05	0179	-19.3	62	058	05	1406	-15.2	35	046	10	2866	-19.9	44	072	07
06	1018	-21.9	58	110	02	0140	-19.4	57	104	02	1369	-18.0	50	114	03	2823	-21.1	30	110	07
07	1010	-20.7	64	000	00	0081	-19.8	65	000	00	1309	-15.9	64	074	05	2759	-21.8	74	093	07
08	1006	-20.6	67	130	02	0051	-20.0	67	120	02	1288	-11.6	54	089	04	2793	-20.9	66	130	08
09	1000	-20.4	67	110	02	0074	-17.4	69	131	04	1294	-12.7	52	945	07	2705	-20.9	72	005	06
10	1009	-18.5	72	130	04	0156	-16.9	73	140	07	1366	-20.5	76	148	09	2797	-24.1	78	293	03
11	1020	-18.5	73	140	07	0156	-16.9	73	140	07	1366	-20.5	76	148	09	2797	-24.1	78	293	03
12	1029	-16.6	75	140	05	0221	-18.6	75	147	08	1432	-19.8	73	223	03	2870	-23.2	72	286	05
13	1028	-15.4	66	140	05	0215	-16.8	70	147	08	1437	-17.3	76	303	05	2877	-22.5	76	270	06
14	1025	-14.7	69	130	04	0193	-16.0	66	146	07	1416	-16.2	74	241	06	2867	-23.8	81		
15	1026	-13.9	69	290	04	0201	-14.8	72	279	03	1424	-17.1	82	211	06	2897	-21.9	80	226	09
16	1030	-14.7	72	270	03	0230	-16.0	73	316	02	1443	-18.9	81	235	06	2885	-23.0	69	244	08
17	1036	-20.6	61	110	02	0272	-16.7	70	010	03	1501	-12.6	41	113	01	2972	-17.2	38	345	01
18	1029	-20.0	71	110	03	0221	-15.4	71	005	02	1479	-07.6	24	065	01	2974	-14.2	26	344	02
19	1021	-16.3	75	120	06	0164	-14.7	77	119	06	1421	-07.1	20	03	03	2921	-12.7	21	211	05
20	1015	-10.9	76	000	00	0121	-11.1	77	146	01	1369	-10.9	84	186	01	2844	-18.2	81	198	07
21	1014	-14.4	62	140	02	0113	-11.9	66	063	04	1375	-09.2	49	090	07	2896	-16.9	57	104	09
22	1017	-13.4	72	000	00	0136	-11.1	72	000	00	1408	-07.9	50	074	06	2882	-10.3	39	094	07
23	1011	-08.3	84	290	10	0091	-08.6	77	358	05	1367	-06.6	36			2913	-16.2	85	096	05
24	1012	-07.6	84	350	07	0098	-07.9	81	358	05	1355	-11.4	80	140	03	2829	-16.2	85	096	05
25	1013	-12.9	73	110	03	0105	-12.3	77	058	02	1350	-13.0	84	215	02	2818	-17.9	54	236	07
26	1012	-09.7	77	300	05	0098	-09.5	77	300	04	1362	-08.6	71	124	05	2847	-16.8	79	148	07
27	1010	-09.4	84	110	02	0084	-08.6	78			1360	-06.1	52			2865	-15.5	41		
28	1011	-08.3	80	320	02	0091	-06.9	78	341	02	1372	-06.8	76	121	03	2863	-15.1	87	076	04
29	1009	-06.8	77	360	03	0077	-06.4	77	354	03	1355	-07.5	75	059	02	2848	-13.7	52	116	04
30	1003	-05.1	74	320	05	0051	-05.2	74	309	05	1308	-07.0	70	345	01	2801	-13.9	76	041	03
31	1007	-04.9	81	220	03	0062	-05.1	81	218	03	1329	-09.2	88	221	05	2813	-16.9	83	250	10
MN	1018	-15.2	71			141	-14.2	72			1382	-13.1	66	136	01	2847	-19.1	65	182	01

Day	500 MBS				400 MBS				300 MBS				200 MBS						
	Altitude gpm. (ft. on SCL)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on SCL)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on SCL)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on SCL)	Temp. °C	R.H. %	Wind deg. mps.			
01	5179	-39.4	76	344	15	6677	-48.9		350	14	8563	-44.8	058	03	11295	-41.8	098	02	
02	5199	-39.9	66	293	28	6696	-49.0				8600	-42.7			11350	-41.1			
03	5219	-42.0	204	24	6725	-43.3		175	05	8667	-41.4	056	07	11421	-41.9	054	03		
04	5316	-37.6	65	136	09	6825	-47.6		144	17	8709	-46.0	118	01	11449	-42.5	045	03	
05	5289	-35.6	65	086	07	6802	-47.9		109	08	8695	-44.4	085	08	11444	-41.3	149	06	
06	5254	-31.8	60	100	12	6805	-40.9		099	11	8721	-51.0	104	19	11423	-42.6	222	07	
07	5177	-34.3	67	104	19	6711	-43.2		110	16	8597	-45.2	098	17	11502	-43.1	100	10	
08	5182	-34.5	64	109	08	6709	-45.2		049	16	8511	-47.4	067	16	11253	-40.0	121	08	
09	5112	-36.9	68	040	11	6625	-46.6		015	06	8530	-48.0	020	09	11267	-40.1	150	07	
10	5137	-37.5	68	340	03	6648	-47.1		002	17	8579	-48.4	048	10	11317	-39.7	185	02	
11	5190	-37.5	72	357	12	6700	-47.0				8683	-55.3			11363	-41.4			
12	5280	-35.6	50	275	08	6805	-45.2		317	13	8676	-49.1	207	09	11374	-41.1			
13	5286	-36.3	72	283	09	6800	-46.0				8651	-50.0			11428	-40.3	245	06	
14	5268	-35.9	67			6784	-47.2				8682	-44.9			11464	-41.2	256	15	
15	5268	-37.8	73	198	11	6781	-45.8		175	18	8682	-44.9	237	19	11464	-41.2	256	15	
16	5285	-37.8	39	251	11	6794	-46.6		260	09	8714	-42.9	291	06	11536	-45.2	253	09	
17	5424	-33.0	A20	026	01	6960	-43.9		004	03	8848	-50.9	330	07	11609	-44.8	268	07	
18	5453	-30.3	A20	338	04	7014	-39.9	A22	357	05	8922	-51.2	227	11	11588	-43.9	262	07	
19	5422	-27.2	223	10	6995	-38.5		226	12	8915	-52.2	206	21	11508	-41.3	185	03		
20	5293	-31.8	74	182	16	6856	-42.6		186	18	8797	-44.2	206	21	11508	-41.3			
21	5927	-30.4	A20	122	15	6878	-42.1		123	24	8788	-41.9	153	08	11577	-44.1	104	11	
22	5427	-27.6	53	144	11	6990	-41.1		193	12	8889	-51.9			11566	-43.5			
23	5398	-26.9	A19	120	11	6971	-39.7	31			8884	-51.9			11566	-43.5			
24	5282	-32.4	96	120	11	6820	-42.0		112	09	8757	-42.0	090	05	11519	-40.4	040	06	
25	5263	-34.0	A21	231	09	6803	-42.0		218	19	8720	-43.9	193	08	11481	-40.1	102	03	
26	5137	-30.1	A20	189	15	6868	-41.5		196	19	8779	-47.4	186	23	11524	-40.4	162	21	
27	5349	-29.2	65			6911	-40.0	63			8816	-49.1			11530	-41.7			
28	5344	-29.7	71	111	07	6900	-40.9		098	06	8806	-49.1	100	06	11530	-39.9	120	08	
29	5328	-29.5	35	134	08	6884	-41.2		138	08	8790	-48.8	107	07	11523	-41.2	121	07	
30	5290	-29.1	74	075	11	6856	-38.4	69	085	13	8791	-48.1	097	15	11536	-40.7	140	09	
31	5261	-32.6	61	193	03	6802	-42.4		073	04	8732	-42.9	146	06	11500	-39.6	154	12	
MN	5284	-33.7	54	169	02	6819	-43.8	46	133	05	8722	-47.9	129	05	11449	-41.7	152	04	

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (ft. on SCL)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on SCL)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on SCL)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on SCL)	Temp. °C	R.H. %	Wind deg. mps.
01	13244	-42.0	149	03	15989	-42.4	146	05	17493	-43.7	122	03	20640	-45.1	116	05
02	13302	-42.6			16038	-43.0			20691	-44.4						
03	13372	-42.1	037	03	16110	-43.6	091	05	17615	-43.3	077	03	20764	-44.9	054	02
04	13396	-42.3	052	05	16133	-43.2	036	04	17633	-44.1	060	02	2			

SUMMARY OF CONSTANT PRESSURE DATA

JUNE 1959

EUREKA, N.W.T.

00 GMT.

STATION INSTRUMENTATION

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind				
	gpm. (Press. on Sta.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm. (Press. on Sta.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	1010	-03.9	81	110	03	0086	-04.3	81	116	03	1355	-08.0	60	217	07	2838	-14.9	29	226	14
02	1006	-03.3	85	270	03	0054	-03.6	83	284	04	1344	-02.1	114	065	03	2872	-08.8	115		
03	1006	-01.4	88	130	02	0055	-01.4	84	130	02	1360	-00.9	46	180	05	2896	-07.6	83	150	07
04	1008	-01.2	88	270	06	0071	-01.2	79			1375	-00.4	38			2904	-09.7	53		
05	1011	-03.8	88	270	09	0093	-03.7	85	279	08	1388	-00.9	37			2924	-06.9	31		
06	1013	-03.2	88	135	02	0109	-03.2	84	085	02	1409	-00.2	42	106	03	2948	-05.3	115	082	01
07	1012	-01.1	88	250	04	0102	-00.7	82			1407	-01.7	40			2945	-05.3	115		
08	1014	000.3	75	320	02	0118	001.2	73	666	66	1417	-03.3	39	666	66	2942	-07.5	23	666	66
09	1016	-00.4	81	320	03	0134	000.6	81	255	03	1430	-04.9	76	205	03	2947	-10.6	67	170	13
10	1012	002.2	78	270	03	0103	002.6	71	311	02	1407	-02.5	50	166	07	2941	-07.7	59	181	09
11	1007	003.5	73	090	02	0064	005.0	69	100	02	1377	-02.5	49	152	03	2898	-09.2	115	132	07
12	1006	000.6	82	270	09	0055	001.3	81	276	09	1363	-02.1	49	053	06	2892	-07.6	115	091	06
13	1010	001.3	82	270	06	0089	006.6	86	260	06	1385	-03.6	73	036	04	2906	-10.0	26	097	05
14	1017	003.3	82	000	00	0144	002.8	81	000	00	1439	-06.2	79	155	04	2939	-12.4	73	114	05
15	1017	001.7	82	270	08	0144	003.3	73	300	06	1446	-05.0	62	322	02	2954	-10.9	34	051	06
16	1026	002.7	89	315	04	0215	004.1	67	327	02	1523	-04.5	68	228	06	3032	-10.8	42	251	10
17	1029	001.2	89	140	06	0237	001.2	89	148	06	1534	-05.7	71	215	03	3041	-11.0	40	278	07
18	1023	003.2	73	300	04	0192	003.0	65	306	03	1495	-04.8	65	302	08	3016	-09.4	76	302	13
19	1018	001.6	75	320	07	0151	000.8	74	316	11	1437	-05.6	79	326	11	2942	-13.5	53	322	13
20	1015	000.6	64	315	05	0126	006.6	66	334	05	1406	-08.0	81	307	04	2889	-15.9	87	307	10
21	1010	001.8	72	270	07	0088	001.1	72	274	07	1375	-07.8	76	007	06	2859	-16.8	61	017	07
22	1008	001.7	78	290	05	0071	001.9	69	286	04	1363	-07.3	82	245	06	2855	-14.6	79	340	04
23	1004	002.9	67	180	07	0039	003.1	63	180	07	1339	-05.9	78	165	04	2834	-14.6	84	345	04
24	1015	002.8	70	180	04	0128	003.9	65	180	05	1423	-06.7	65	164	05	2918	-16.7	84	262	02
25	1025	003.1	76	290	04	0207	003.6	67	255	02	1503	-06.7	76	227	04	3000	-14.4	70	216	04
26	1026	001.3	87	320	03	0217	006.7	45	204	04	1526	-05.3	73	240	06	3055	-07.1	115	344	03
27	1026	006.4	58	320	05	0219	008.4	56	335	08	1520	001.6	52	027	05	3092	-06.7	60	075	06
28	1023	005.6	62	290	07	0184	008.1	57	306	06	1529	003.6	22	003	06	3083	-04.4	38	031	05
29	1017	005.9	60	290	07	0146	007.0	54	304	06	1477	002.3	49	295	04	3025	-05.2	30	256	08
30	1012	007.2	59	320	04	0105	009.2	57	320	04	1445	003.4	48	004	03	3000	-03.9	44	283	04
MN	1015	01.6	77			125	02.2	72			1427	-03.4	58	263	01	2946	-09.9	47	272	01

Day	500 MBS				400 MBS				300 MBS				200 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	5303	-32.0	A20	229	19	6845	-42.5	62	223	16	8758	-45.6					11501	-40.7			
02	5400	-24.8	53			6983	-38.0	62			8916	-48.3					11576	-46.1			
03	5443	-21.5	A18	175	11	7053	-32.8	A20	171	26	9017	-47.1					11642	-49.6			
04	5458	-21.3	A17			7071	-32.7	52			9044	-45.9					11667	-51.7			
05	5494	-21.1	44			7114	-31.9	30			9083	-47.2					11692	-51.0			
06	5519	-21.1	27	091	02	7136	-32.2	32	343	04	9096	-47.46					11692	-51.0	333	02	
07	5522	-20.4	A18			7144	-31.9	A20			9111	-47.9					11692	-51.0			
08	5496	-21.5	A18	666	66	7111	-33.4	31	132	11	9066	-48.5					11673	-50.6	137	06	
09	5475	-24.5	A18	159	18	7068	-35.3	A21	150	23	9018	-49.0					11637	-44.9			
10	5472	-25.6	32	178	22	7045	-34.2	31			8983	-50.5					11634	-47.2			
11	5440	-21.9	A18	144	16	7045	-34.2	A21	148	24	9001	-48.3					11623	-42.0			
12	5437	-24.6	A18	100	10	7033	-35.1	A21	093	14	8975	-50.0					11606	-45.5		061	05
13	5425	-27.5	38	080	07	6992	-40.0	31	084	05	8908	-50.5					11599	-42.9		114	04
14	5443	-27.9	40	097	06	7011	-39.5	30	335	04	8921	-51.5					11614	-42.0		047	03
15	5452	-28.4	30	052	09	7017	-39.4	40	044	14	8932	-52.0					11623	-42.0		004	03
16	5542	-25.8	55	270	11	7133	-34.5	71	311	07	9080	-49.0					11734	-44.9		278	08
17	5556	-25.1	78	261	20	7150	-33.5	62	254	33	9114	-47.9					11816	-43.0			
18	5565	-21.0	54	307	16	7175	-33.8	46	302	14	9131	-48.3					11776	-45.0		300	13
19	5427	-28.1	38			6998	-37.6	58			8932	-46.6					11685	-39.8			
20	5360	-30.0	53	328	20	6920	-40.0	39	324	36	8853	-42.5					11698	-38.9			
21	5321	-30.5	A20	042	19	6886	-37.2	40	046	28	8827	-41.0					11612	-38.1			
22	5345	-28.2	49	010	13	6914	-40.0	019	16	8847	-42.7						11623	-38.0		020	17
23	5319	-29.9	70	355	05	6872	-41.9	325	02	8803	-42.3						11584	-38.5		360	07
24	5394	-29.6	74	280	02	6953	-41.1	023	02	8859	-44.7						11635	-38.0		016	02
25	5484	-29.0	A20	187	03	7043	-35.2	223	03	8970	-44.0						11722	-40.6		215	06
26	5602	-23.9	31	058	04	7191	-36.9	A22	066	03	9129	-47.1					11813	-45.3		666	66
27	5651	-22.6	72	181	15	7251	-34.4	60	198	19	9206	-48.4					11857	-46.5		224	08
28	5660	-20.5	A18	246	13	7272	-33.3	34	256	15	9226	-49.0					11844	-47.9		250	08
29	5595	-21.0	32	241	18	7204	-34.4	A21	232	20	9146	-51.3					11793	-45.8			
30	5569	-21.7	A18	272	09	7177	-34.2	A21	269	12	9125	-47.9					11800	-45.4		262	05
MN	5472	-25.0	36	229	03	7060	-36.4	36	219	02	9003	-47.5					11682	-44.7			

Day	150 MBS				100 MBS				80 MBS				50 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. (Press. on Sta.)	°C	%	deg. mps.		
01	13464	-40.6			16220	-40.9			17729	-43.1			20919	-41.1				
02	13501	-42.4			16238	-43.2			17742	-42.8			20918	-42.1				
03	13551	-45.6			16268	-44.4			17779	-41.8			20962	-41.4				
04	13570	-44.9			16295	-42.6			17803	-42.4			20996	-40.9				
05	13584	-46.5			16286	-44.4			17785	-43.3			20971	-41.6				
06	13574	-46.8	276	01	16272	-45.0		240	01	17772	-42.2		072	03	20960	-41.0	075	04
07	13611	-46.0																

SUMMARY OF CONSTANT PRESSURE DATA

JUNE 1959

STATION INSTRUMENTATION

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

EUREKA, N.W.T.

12 GMT.

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.				
																	gpm.	°C	%	deg. mps.
01	1010	-09.4	80	140	04	0085	-05.7	78	090	04	1359	-06.7	46	170	02	2869	-11.2	A16	230	09
02	1006	-06.3	74	090	05	0054	-06.0	74	088	04	1347	-02.3	28	133	06	2882	-07.5	A15	130	09
03	1006	-06.2	74	140	02	0054	-05.4	73	151	02	1352	-01.5	30	248	02	2879	-09.0	95	052	07
04	1011	-05.6	74	110	04	0092	-06.0	77	151	03	1383	-02.1	38	343	06	2912	-07.4	45	039	03
05	1013	-04.6	71	020	03	0108	-04.7	71	010	03	1403	-01.5	32	053	07	2931	-06.1	31	035	03
06	1014	-05.6	71	110	04	0116	-04.7	72	666	66	1412	-02.0	45	666	66	2951	-05.8	A15	666	66
07	1013	-03.7	74	110	03	0109	-02.5	73	155	02	1408	-02.4	48	165	01	2938	-06.8	A15		
08	1015	-00.8	88	110	05	0126	-00.1	74	123	04	1419	-03.5	49	179	04	2946	-07.2	A15	182	04
09	1017	001.2	92	110	05	0143	000.2	92	179	05	1431	-04.3	72	171	05	2950	-08.9	25	192	11
10	1008	001.0	92	290	03	0071	000.8	77	297	03	1376	-01.8	42	154	08	2908	-06.8	A15	126	10
11	1007	001.0	89	290	05	0063	001.5	84	290	04	1370	-02.9	65	073	03	2895	-08.1	A15	127	08
12	1007	000.6	88	290	05	0063	-00.3	79	290	04	1363	-02.3	59	041	06	2890	-07.9	34	065	06
13	1015	001.1	75	290	02	0126	000.0	77	239	02	1417	-05.6	88	211	06	2917	-12.9	75	184	01
14	1019	-00.8	76	290	04	0158	002.5	77	311	03	1449	-07.2	75	155	05	2948	-12.1	48	087	06
15	1021	002.6	72	290	04	0175	003.8	53	276	05	1475	-06.0	71	254	02	2983	-10.7	51	245	03
16	1029	002.8	79	090	03	0239	002.8	70	134	04	1537	-06.1	70	198	05	3045	-11.1	30	246	09
17	1027	002.5	72	290	04	0222	001.6	76	297	03	1515	-06.6	76	330	03	3023	-09.7	42	309	08
18	1020	001.7	82	320	04	0166	000.3	82	322	05	1450	-06.7	91	311	10	2963	-11.4	84	307	09
19	1017	000.4	72	290	06	0142	-00.6	73	295	08	1423	-06.3	75	328	14	2922	-15.5	66	318	12
20	1013	000.1	82	270	03	0110	-00.7	82	287	04	1387	-08.9	85	015	03	2867	-17.4	82	006	05
21	1008	000.4	75	270	05	0071	000.0	75	270	04	1355	-07.4	77	300	05	2841	-16.5	78	320	08
22	1005	003.3	69	110	04	0048	003.0	68	118	05	1342	-07.1	69	175	04	2834	-14.4	72	052	01
23	1010	001.7	72	180	04	0088	001.0	73	179	05	1379	-06.8	91	176	04	2875	-14.4	90	250	03
24	1020	001.1	89	290	04	0166	001.0	86	283	02	1458	-06.6	88	235	03	2954	-14.7	82	241	02
25	1027	002.1	64	320	02	0224	003.8	64	230	02	1523	-06.0	71	209	03	3027	-13.9	48	221	02
26	1027	004.4	60	320	04	0224	004.6	57	337	04	1538	-00.2	68	021	06	3079	-06.7	70	035	06
27	1026	004.4	67	290	04	0217	007.6	64	315	04	1546	002.2	42	352	05	3086	-08.2	72	336	04
28	1019	005.0	60	320	03	0161	007.9	56	324	03	1496	003.9	38	666	66	3055	-04.9	37	666	66
29	1015	005.5	62	290	04	0129	005.9	62	304	04	1452	001.2	60	261	04	2998	-05.8	42	263	05
30	1009	005.0	65	000	00	0081	010.0	59	000	00	1424	005.3	44	331	01	2979	-05.4	54	003	04
MN	1015	00.2	75			128	00.7	73			1426	-03.6	61	278	01	2945	-09.9	47	360	00

Day	500 MBS				400 MBS				300 MBS				200 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.				
																	gpm.	°C	%	deg. mps.
01	5372	-28.6	41	225	15	6936	-40.4	80	184	23	8841	-50.4	202	25	11535	-42.7				
02	5425	-23.3	76	165	10	7026	-39.5	34	154	19	8997	-46.1	155	39	11628	-48.8				
03	5425	-22.5	A18	143	15	7028	-31.8	A20	166	14	9057	-46.1	160	22	11672	-52.3			155	10
04	5469	-21.3	35	045	07	7126	-32.1	32	245	02	9095	-46.2	261	06	11694	-52.7			265	05
05	5506	-21.3	35	045	07	7126	-32.0	A20	666	66	9111	-47.7	666	66	11717	-50.6			265	03
06	5522	-21.0	A18	666	66	7143	-32.0	A20	666	66	9111	-47.7	666	66	11717	-50.6				
07	5501	-20.6	A18			7117	-32.5	A20			9080	-47.8			11684	-51.0				
08	5498	-22.4	A18	154	10	7103	-33.8	A21	138	18	9059	-48.3	140	26	11678	-49.4			121	05
09	5486	-24.8	39	210	15	7068	-37.9	33	199	26	8986	-50.8	278	38	11649	-45.2				
10	5453	-24.9	A19	143	13	7045	-35.0	A21	165	20	8991	-49.3			11635	-45.1				
11	5435	-23.3	A18	131	18	7040	-34.6	A21	130	19	8987	-48.6	115	22	11618	-46.1			096	03
12	5422	-25.6	A19	049	10	7007	-37.0	A22	057	16	8934	-51.6	063	22	11591	-43.9			060	07
13	5428	-26.8	A1	093	08	7003	-38.7	34	080	01	8913	-53.0	350	02	11601	-42.9			080	04
14	5444	-29.0	33	072	08	7009	-40.0	32	061	08	8918	-51.8	056	08	11621	-41.7			080	07
15	5487	-29.0	32	331	06	7061	-38.1	A22	320	09	8981	-51.6	335	13	11662	-42.4			336	05
16	5560	-26.5	71	260	19	7152	-36.5	65	261	21	9075	-52.1	264	25	11752	-44.1			283	19
17	5566	-26.1	A18	310	14	7163	-34.7	41	335	22	9110	-48.4	345	24	11779	-42.4			315	18
18	5471	-25.8	30	295	28	7040	-35.8	A21	297	24	8993	-51.1	666	66	11685	-42.7			666	66
19	5394	-30.5	53	320	17	6950	-40.1	320	17	8888	-42.0	322	25	11687	-37.6			339	11	
20	5311	-33.2	50	331	12	6856	-40.0	A22	334	11	8826	-38.1	351	06	11631	-36.9			002	10
21	5323	-29.2	71	010	09	6883	-40.9	008	06	8825	-41.4	012	11	11615	-37.3			031	15	
22	5325	-28.4	74	009	16	6892	-39.5	52	010	14	8819	-44.0	033	17	11688	-39.1			024	14
23	5355	-29.3	71	002	05	6916	-40.0	55	010	06	8835	-43.9	055	09	11503	-38.9			360	07
24	5441	-29.5	65	212	01	6991	-41.3	242	02	8908	-43.7	130	02	11671	-39.3			267	01	
25	5539	-26.6	A19	071	06	7114	-38.4	A22	047	19	9042	-46.4	293	01	11758	-43.2				
26	5634	-23.0	A18	187	05	7232	-35.3	A21	236	21	9179	-48.3	220	25	11829	-46.8			241	06
27	5610	-22.2	A18	240	25	7225	-32.3	A20	235	31	9188	-47.9	223	21	11850	-46.8			332	08
28	5632	-20.8	54	217	11	7248	-32.6	74	213	19	9207	-48.1	208	17	11837	-47.1			226	11
29	5560	-22.0	A	267	13	7162	-35.4	A21	234	21	9100	-51.0	239	24	11748	-46.0			273	09
30	5549	-21.5	29	253	10	7153	-33.3	A21	251	03	9111	-48.4	017	01	11783	-44.2			248	10
MN	5471	-25.2	38	244	03	7060	-36.3	33	232	04	9001	-47.8	228	04	11680	-44.6			327	03

Day	150 MBS				100 MBS				80 MBS				50 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. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	13483	-42.2			16232	-40.6			17740	-43.7			20921	-40.8		
02	13536</															

SUMMARY OF CONSTANT PRESSURE DATA

JANUARY 1959

ISACHSEN, N.W.T.

00 GMT.

 STATION INSTRUMENTATION
 USWB type radiosonde, SCR558 RDP tracking equipment
 INDEX No. 74074 LATITUDE 78°47'N LONGITUDE 103°32'W ELEVATION 30 METERS

Z	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01	1006	-41.6		000 00	0068	-41.4		000 00	1170	-44.0		000 00	2493	-38.7		226 08
02	1020	-48.7		000 00	0161	-39.1		000 00	1284	-36.4		000 00	2619	-40.8		078 02
03	1031	-49.1		000 00	0234	-35.8	39	000 00	1373	-34.6	49	130 03	2718	-39.2	41	197 02
04	1044	-44.2		000 00	0329	-30.0	45	200 01	1503	-25.4	39	227 03	2907	-27.0	53	242 10
05	1040	-30.3	77	340 06	0310	-22.7	67	030 07	1519	-18.1	A17	013 03	2963	-27.0	53	247 10
06	1037	-39.2	66	360 08	0277	-37.8	69	030 13	1476	-19.7	72	344 11	2922	-19.0	61	296 17
07	1037	-31.1	72	350 08	0290	-20.7	67	058 07	1524	-15.9	A17	060 23	2960	-24.9	A18	
08	1036	-30.4	72	360 06	0282	-21.6	67	048 08	1520	-14.9	A16	062 12	2972	-22.5	A18	036 06
09	1035	-37.6	66	000 00	0276	-15.2	53	035 02	1503	-17.2	A17	070 12	2947	-23.4	A18	072 13
10	1029	-37.9	66	000 00	0234	-15.7	48	000 00	1476	-13.9	A16	049 11	2927	-22.7	A18	051 15
11	1029	-22.1	82	360 22	0241	-17.2	75		1482	-14.2	40		2926	-24.1	A18	
12	1025	-32.0	72	360 06	0205	-22.8	62	011 09	1427	-18.0	38		2880	-19.7	A17	
13	1015	-31.5	72	320 06	0134	-31.9	72	014 08	1332	-15.6	A17	024 13	2799	-19.1	38	046 17
14	1020	-26.8	73	360 07	0171	-28.2	74	014 08	1360	-21.4	84	035 19	2787	-23.9	82	
15	1027	-33.6	72	360 08	0218	-27.6	71	008 09	1401	-18.9	80	026 12	2838	-22.5	52	031 17
16	1029	-38.2	66	000 00	0230	-25.2	61	000 00	1437	-17.5	34	019 06	2878	-22.7	A18	031 08
17	1035	-35.3	72	000 00	0271	-26.6	63		1471	-17.0	70		2964	-22.6	56	
18	1026	-27.8	77	000 00	0216	-20.4	79	000 00	1437	-15.0	47	166 08	2895	-20.0	77	195 13
19																
20																
21	1018	-27.4	73	360 14	0156	-27.0	75	004 13	1387	-12.4	85	022 02	2839	-23.5	76	091 05
22	1019	-30.6	72	360 06	0163	-28.5	73	070 05	1374	-17.9	83	105 06	2803	-27.5	76	166 05
23	1026	-32.2	72	360 07	0217	-26.6	66	331 02	1446	-15.9	62	007 04	2882	-25.5	73	023 08
24	1014	-23.9	78	360 22	0130	-23.9	77	004 23	1337	-21.5	77	358 08	2764	-23.9	74	012 17
25																
26	1006	-32.8	72	340 05	0071	-31.5	70	002 05	1289	-13.5	A16	032 10	2746	-20.9	29	030 14
27	1012	-33.1	76	340 11	0111	-33.6	71		1283	-22.5	66		2702	-27.7	38	
28	1012	-34.2	72	360 07	0111	-34.3	71		1304	-20.6	73		2740	-23.5	62	
29	1012	-29.5	73	340 05	0113	-30.1	71	344 06	1309	-17.7	64	352 17	2756	-22.1	54	355 21
30	1014	-35.8	60	070 01	0113	-30.1	71	055 01	1321	-18.8	68	313 07	2755	-22.7	40	320 13
31	1012	-37.1	56	000 00	0111	-33.0	60	000 00	1297	-20.7	42	048 06	2717	-25.4	A18	333 06
MN	1024	-34.1	72		195	-27.9	66		1394	-20.0	49	34 06	2823	-25.0	45	12 05

Z	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °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	4749	-49.0		235 09	6202	-52.3		234 07	8062	-52.6		245 06	10670	-55.4		310 05
02	4838	-50.7		355 10	6303	-53.7		351 09	8148	-54.8		347 05	10735	-57.3		346 04
03	4977	-48.5		243 09	6432	-51.8		243 13	8284	-55.0		239 10	10870	-57.8		244 07
04	5285	-37.1	A22	244 32	6796	-46.1			8651	-58.8			11152	-64.3		
05	5402	-30.2	45	256 27	6953	-41.7		252 26	8860	-53.2			11360	-71.4		
06	5387	-29.8	44	279 19	6949	-39.4	A22	270 20	8858	-53.0		273 18	11385	-68.5		
07	5342	-37.6	A22		6854	-45.3			8730	-55.6			11262	-62.8		
08	5354	-39.8	A22	039 07	6849	-49.2		354 04	8696	-58.6		338 03	11228	-60.8		333 05
09	5325	-39.8	A22	080 09	6818	-49.4		092 08	8669	-57.9		075 11	11208	-59.9		004 06
10	5313	-39.4	A22	040 15	6809	-49.0		033 14	8656	-57.5		032 14	11217	-56.7		032 21
11	5304	-39.2	A22		6807	-46.8			8669	-55.7						
12	5312	-34.0	A21		6845	-42.5			8729	-55.5			11292	-56.6		
13	5229	-34.7	71	055 28	6750	-47.1			8612	-56.8			11164	-58.7		
14	5175	-36.7	68		6693	-45.5			8560	-56.1			11113	-58.4		
15	5233	-31.8	34		6736	-47.4			8597	-55.9			11170	-56.0		
16	5204	-31.8	A20	034 09	6837	-45.8		026 16	8702	-57.9		021 13	11247	-57.1		321 08
17	5313	-36.3	36		6827	-46.8			8682	-58.9			11187	-62.1		
18	5303	-36.9	72	187 20	6810	-48.0		200 20	8653	-60.4			11194	-60.6		
19																
20																
21	5239	-35.6	68	027 07	6760	-45.9		054 10	8647	-51.8		075 07	11254	-53.6		330 09
22	5198	-36.9	67	120 10	6716	-45.4		098 07	8590	-55.6		080 11	11170	-56.0		037 13
23	5269	-37.7	50	054 08	6776	-47.1		045 13	8634	-57.3		050 17	11166	-60.4		032 21
24	5144	-40.5	013 13	6644	-47.5		033 20	8511	-54.1		030 34	11069	-59.9			
25																
26	5164	-35.3	40	028 21	6684	-45.5		028 26	8549	-58.3			11038	-65.0		
27	5046	-41.7	44		6597	-48.1			8398	-56.4			10940	-60.5		
28	5118	-39.4	34		6611	-49.9			8449	-59.4			10960	-62.4		
29	5158	-37.6	A22	020 13	6672	-46.0			8532	-58.6			11023	-65.5		
30	5155	-37.6	59	322 25	6663	-47.3		321 28	8514	-59.4		331 24	11003	-64.9		325 27
31	5095	-38.7	A22	308 15	6593	-49.1		308 15	8433	-60.9		304 20	10930	-62.6		307 20
MN	5206	-38.2	40	340 04	6712	-47.1	22		8574	-56.7			11110	-60.6		

Z	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12488	-59.7		297 08	14995	-64.4		310 13	16352	-66.7		318 12	19162	-71.6		305 17
02	12541	-60.5		320 08	15032	-66.7		334 07	16373	-69.5		339 07	19133	-75.8		333 14
03	12670	-61.5		246 07	15155	-66.7		288 05	16495	-69.8		306 06	19255	-76.0		
04	12914	-65.0			15366	-69.6			16688	-72.0			19422			
05	13067	-70.6			15461	-72.3			16765	-74.8						
06	13108	-67.8			15523	-72.3			16830	-74.3			19537	-78.8		
07	13031	-65.5			15476	-69.2			16800	-71.9			19530	-77.4		
08	13009	-63.2		355 04	15495	-66.6		332 06	16823	-70.0		347 10	19566	-77.2		360 13
09	12994	-62.6		356 07	15474	-66.3		355 10	16817	-68.8		346 17	19568			
10	13037	-58.4			15563	-63.5			16926	-65.8			19750	-70.3		
11																
12	13110	-56.8			15653	-61.9			17024	-65.0			19847	-71.4		
13	12968	-59.2			15477	-65.8			16828	-66.9			19650	-69.4		
14	12918	-59.1			15449	-60.3			16835	-61.8						
15	12997	-55.8			15571	-58.4			16979	-58.9			19905	-62.3		
16	13071	-56.5		313 10	15643	-57.4		316 26	17048	-58.0		313 29				
17	12965	-62.0			154											

SUMMARY OF CONSTANT PRESSURE DATA

JANUARY 1959

ISACHSEN, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74074 78°47'N 103°32'W 30 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS								
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.					
01	1013	-48.1	000	00	0112	-43.0	000	00	1224	-39.1	098	06	2356	-40.3	113	05					
02	1024	-46.2	000	00	0188	-38.2	000	00	1316	-36.6	138	04	2648	-41.1	119	04					
03	1039	-46.6	000	00	0290	-33.5	41	200	01	1440	-30.9	38	234	04	2811	-33.2	34	245	09		
04	1043	-38.3	66	000	00	0326	-26.0	40	000	00	1522	-20.7	29	331	02	2951	-20.8	A18	310	17	
05	1035	-33.3	72	360	20	0275	-21.7	74	046	22	1484	-16.6	73	357	07	2947	-17.5	69	269	10	
06	1037	-32.9	72	360	14	0287	-25.4	71	010	13	1499	-20.0	49	020	09	2928	-25.1	32	022	11	
07	1037	-29.1	73	360	07	0293	-18.0	55	049	09	1540	-12.9	25	059	10	2991	-23.7	28	081	11	
08	1037	-33.3	72	000	00	0295	-15.2	55	000	00	1521	-17.2	30	081	10	2968	-22.5	A18	077	17	
09	1029	-39.4	66	000	00	0232	-12.7	41	000	00	1480	-12.8	A16	051	15	2934	-22.6	A18	047	13	
10	1030	-26.7	70	360	09	0245	-19.7	63	021	09	1481	-14.8	A16	035	13	2927	-23.2	A18			
11	1027	-25.8	82	360	17	0226	-14.0	69	013	13	1377	-14.7	A16			2838	-19.6	48			
12	1017	-27.2	77	360	11	0150	-22.4	69	013	13	1377	-14.7	A16			2838	-19.6	48			
13	1018	-30.6	72	360	04	0154	-30.7	70	025	04	1351	-18.4	56	012	06	2791	-21.2	73	044	17	
14	1024	-31.8	72	360	05	0195	-31.0	73	010	07	1381	-19.1	66	025	05	2816	-24.5	42	025	09	
15	1029	-33.6	72	360	05	0231	-26.3	71	014	07	1434	-18.1	65	029	06	2872	-22.8	A18	017	04	
16	1033	-35.3	72	000	00	0260	-24.5	71	000	00	1470	-18.5	A17	057	06	2906	-23.0	33	070	08	
17	1031	-33.9	72	000	00	0247	-24.0	77	000	00	1458	-16.3	33	215	04	2913	-20.2	72	218	09	
18	1019	-26.6	56	090	02	0167	-20.3	64	100	05	1387	-16.7	35	160	10	2843	-20.4	74	182	11	
19	1013	-27.6	77	360	19	0122	-24.8	65			1333	-16.9	A17			2795	-16.8	A17			
20	1016	-23.1	78	360	16	0145	-19.2	78	008	14	1388	-12.6	87	083	09	2846	-20.6	79	070	06	
21	1018	-29.3	77	360	13	0154	-29.8	80	010	13	1363	-15.0	90	033	05	2812	-23.3	85	029	07	
22	1023	-26.1	77	360	08	0195	-18.7	79	005	05	1412	-14.6	84	084	05	2849	-24.5	78	075	06	
23	1024	-34.8	72	360	08	0195	-29.5	71	008	08	1418	-14.0	63	023	08	2866	-22.8	A18	030	09	
24																					
25	999	-28.2	77	040	05	0021	-28.3	77			1227	-34.7	25			2674	-22.7	28			
26	1008	-28.4	73	000	00	0084	-28.7	68	000	00	1272	-20.1	64	359	10	2708	-22.8	45	319	12	
27	1008	-35.1	68	360	15	0082	-35.6	68			1235	-28.4	73			2618	-31.0	71			
28	1013	-31.4	68	360	07	0119	-31.8	71			1317	-17.9	28			2752	-24.0	A18			
29	1011	-31.4	76	390	05	0105	-30.9	75	346	06	1298	-17.5	53	352	15	2743	-21.1	A18	345	17	
30	1012	-34.4	60	090	03	0111	-31.9	62	093	05	1301	-19.8	54	094	05	2736	-23.3	A18	016	06	
31	1009	-38.3	66	045	03	0088	-35.7	66	031	04	1258	-24.1	73	355	09	2657	-29.8	71	328	10	
MN	1023	-32.9	73			186	-26.4	66			1388	-19.2	47	44	05	2820	-24.3	41	24	04	

Day	500 MBS				400 MBS				300 MBS				200 MBS								
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.					
01	4798	-50.6	055	06	6242	-52.7	359	05	8094	-54.1	036	05	10687	-56.6							
02	4886	-50.7	300	04	6331	-52.8	524	06	8184	-53.7	299	02	10782	-56.6	273	03					
03	5118	-43.9	343	16	6596	-50.6	243	21	8447	-56.0	236	28	11004	-59.2	237	35					
04	5358	-34.2	68	243	20	6888	-43.8	243	27	8779	-55.7	241	35	11272	-67.6						
05	5406	-30.5	71	267	21	6970	-36.8	55	247	23	8897	-51.9	250	33	11416	-69.5	236	23			
06	5338	-34.4	A21			6877	-41.4				8784	-52.0			11314	-65.3					
07	5353	-43.2	075	15	6834	-48.9	040	09	8678	-58.1	337	08	11208	-60.6	342	05					
08	5511	-39.8	A22	077	06	6845	-49.2	112	07	8695	-58.0	095	06	11222	-61.1	023	05				
09	5318	-39.5	A22	054	19	6808	-50.1	053	16	8658	-57.8	039	09	11215	-57.4	002	04				
10	5308	-39.1	A22			6808	-48.0			8659	-59.4			11206	-56.7						
11	5309	-36.0	35			6832	-43.4			8726	-53.3			11292	-58.1						
12	5273	-33.5	A21			6800	-45.3			8673	-56.9			11222	-57.6						
13	5210	-35.0	72			6735	-44.7			8610	-56.9			11148	-59.2						
14	5198	-38.2	65	032	15	6702	-47.6	027	14	8557	-57.7	027	13	11120	-56.8	022	16				
15	5284	-36.0	A21	024	06	6799	-46.4	038	13	8665	-56.0	032	14	11230	-56.0	359	13				
16	5309	-35.9	42	037	09	6826	-48.3	035	09	8686	-58.2	040	13	11206	-60.5	308	08				
17	5323	-37.4	71	202	12	6828	-48.5	207	14	8667	-61.0	215	16	11184	-62.8	243	20				
18	5259	-36.8	43	198	23	6763	-47.9	204	22	8611	-57.1	219	22	11163	-59.4	205	22				
19	5269	-26.6	A19			6849	-37.8	A22		8770	-52.9										
20	5264	-33.4	69	049	14	6796	-44.2	055	19	8682	-54.6	045	15	11265	-55.2	018	06				
21	5203	-37.8	74	048	05	6718	-45.3	114	05	8605	-52.9	145	04	11211	-54.0	355	14				
22	5231	-38.0	65	078	07	6736	-47.6	062	11	8596	-56.6	043	14	11152	-57.7	032	14				
23	5272	-35.8	37	032	13	6790	-46.0	017	19	8650	-58.2	025	31	11156	-61.9						
24																					
25	5072	-36.8	A22			6589	-45.3			8463	-55.9										
26	5120	-35.5	A21	319	19	6638	-46.2	329	26	8490	-59.1	332	32	10989	-64.0	351	27				
27	4957	-39.8	63			6658	-46.8			8338	-54.5			10913	-58.4						
28	5156	-36.7	A22			6666	-47.0			8521	-58.8			11006	-64.1						
29	5154	-36.6	A21	338	22	6664	-46.6			8522	-58.7			11010	-65.8						
30	5128	-37.8	A22	324	17	6632	-48.3	300	39	8481	-59.7	314	31	10971	-64.3	320	24				
31	5017	-40.6	305	12	6497	-52.4	296	10	8315	-60.0	299	11	10853	-59.8	320	15					
MN	5208	-37.7	41	341	04	6717	-46.6	39	318	04	8583	-56.5	307	06	11124	-60.2					

Day	150 MBS				100 MBS				80 MBS				50 MBS					
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.		
01	12500	-59.9			15001	-65.5			16349	-68.4			19130	-74.0				
02	12589	-60.7	335	04	15079	-66.5		320	06	16419	-69.6		336	07	19178	-76.0		
03	12793	-62.5	238	36	15276	-66.3				16609	-71.2				19360	-75.9		
04	13010	-68.3			15435	-71.2				16746	-73.9							
05	13103	-71.0	262	32	15505	-71.8		241	08	16810	-75.5		273	15	19512	-77.5	316	12
06	13056	-65.7			15489	-70.6				16803	-73.1				19522			
07	12991	-63.4	359	05	15456	-68.1		336	06	16790	-70.0							
08	13006	-62.8	008	07	15480	-67.3		352	08	16819	-69.2		338	11	19589	-75.6		
09	13028	-58.7	351	12	15541	-63.7		348	14	16902	-65.8		353	17	19725	-70.7	354	25
10	13017	-59.2			15527	-63.4												

SUMMARY OF CONSTANT PRESSURE DATA

FEBRUARY 1959

ISACHSEN, N.W.T.

00 GMT.

STATION INSTRUMENTATION

 USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74074 78°47'N 103°32'W 30 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm. (Obs. on Sta.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm. (Obs. on Sta.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	1007	-40.1		340 14	0075	-40.1		345 16	1211	-33.5	73	003 17	2572	-32.8	72	337 11
02	999	-36.4	71	340 18	0020	-36.5		71	1197	-23.8	74		2602	-27.6	66	
03	993	-33.9	72	340 11	0021				1143	-24.9	62	666 66	2558	-24.4	A18	
04	1013	-34.2	64	340 07	0119	-30.8	71	352 04	1294	-23.9	39	042 06	2710	-24.6	73	035 19
05	1008	-27.6	77	360 18	0085	-28.2	78		1287	-19.4	83		2718	-23.3	80	
06	1007	-27.9	69	340 03	0079	-27.2	76	340 04	1283	-19.2	76	327 11	2717	-23.9	81	331 14
07	1002	-32.2	72	340 16	0042	-32.5	73	666 66	1217	-24.7	77	012 11	2617	-29.9	73	345 07
08	1005	-36.9	71	340 17	0063	-37.1	74	343 17	1219	-28.8	77	355 18	2596	-32.8	73	
09	1012	-40.0		330 04	0108	-39.6		343 06	1261	-29.4	62	359 16	2636	-34.0	55	353 11
10	1009	-40.3		340 12	0087	-39.3		66 345 12	1236	-30.1	67	001 21	2605	-34.6	58	002 24
11	1001	-38.9	66	310 04	0035	-38.0		66 314 04	1190	-29.2	65		2569	-32.5	51	
12	1004	-40.0		360 06	0054	-37.9		66 358 07	1213	-29.3	73	005 14	2593	-32.6	62	007 11
13	1007	-40.0		330 07	0076	-36.5		65 339 08	1245	-26.4	75	347 16	2546	-28.6	62	354 07
14	994	-35.1	68	340 13	0016				1166	-21.8	78		2593	-22.9	74	
15	995	-29.2	71	340 12	0005				1170	-24.4	78		2577	-28.5	75	
16	1005	-37.2		340 06	0063	-34.1		69 341 06	1247	-22.5	75	338 05	2660	-27.7	62	958 07
17	1010	-37.2		230 06	0095	-40.4		249 03	1263	-24.8	54	307 12	2662	-31.7	75	312 15
18	1010	-37.2		71 000 00	0097	-35.1		73 000 00	1276	-24.3	78	290 06	2681	-28.4	47	285 09
19	1006	-36.2	67	000 00	0070	-31.8		65 000 00	1257	-22.8	68	019 03	2669	-27.4	65	321 04
20	1021	-37.2	71	000 00	0175	-27.6		67 000 00	1369	-22.1	50	286 03	2784	-27.4	29	299 06
21	1013	-25.6	78	132 14	0122	-25.5		77 666 66	1329	-16.8	80	666 66	2781	-21.3	79	666 66
22	994	-25.6	78	180 08	0019				1181	-14.3	80	239 10	2631	-22.8	79	225 13
23	996	-38.7	66	220 04	0003				1166	-24.2	47	290 11	2575	-27.6	45	293 12
24	996	-32.3	81	110 04	0001				1180	-23.9	80	240 09	2579	-31.7	80	220 09
25	989	-40.6		290 05	0048				1071	-33.8	71	228 02	2428	-36.1	71	162 22
26	993	-39.4	66	000 00	0022				1134	-27.8	73	016 10	2525	-31.2	73	035 12
27	999	-42.7		000 00	0020	-42.6		000 00	1174	-25.8	62	289 06	2570	-31.5	50	292 08
28	995	-37.2	71	180 07	0004				1155	-23.9	73	666 66	2554	-30.1	75	666 66
MN	1003	-35.8	72			-34.8	72		1219	-24.8	70	342 08	2622	-28.9	64	

Day	500 MBS				400 MBS				300 MBS				200 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	4895	-43.8		329 11	6380	-48.0		331 14	8249	-55.1		350 13	10828	-56.5		352 13
02	4964	-40.0			6451	-51.3			8281	-58.0			10837	-57.6		
03	4945	-39.7	A22		6447	-46.1			8322	-54.6			10897	-56.9		
04	5081	-41.1		035 23	6563	-51.3			8391	-60.2			10909	-60.2		
05	5099	-40.7			6592	-48.8			8445	-58.1			10969	-57.4		
06	5079	-41.5		320 13	6562	-51.4		330 17	8382	-61.9		345 14	10899	-59.8		340 15
07	4948	-42.7		355 09	6425	-52.0		355 07	8259	-58.5		306 07	10830	-56.0		311 12
08	4901	-45.6			6362	-53.5			8194	-57.0			10759	-58.7		
09	4933	-45.8		337 10	6396	-52.1		344 13	8223	-60.0		338 08	10771	-58.8		332 14
10	4894	-46.8			6346	-54.8			8168	-58.5			10712	-60.2		
11	4882	-45.4			6350	-53.0			8175	-58.2			10726	-58.7		
12	4909	-44.0		015 08	6376	-53.2		019 05	8194	-61.5		036 09	10714	-60.9		030 09
13	4996	-41.5		200 06	6476	-52.2		188 11	8283	-63.0		177 04	10795	-60.4		037 05
14	4931	-40.0	61		6467	-51.0			8284	-62.9			10781	-62.8		
15	4931	-40.6			6419	-50.4			8242	-63.2			10743	-62.2		
16	5022	-40.7		353 03	6510	-50.1		338 04	8347	-60.5		314 07	10848	-61.1		349 12
17	4955	-40.0		323 15	6489	-49.0		336 11	8328	-59.7		311 16	10848	-60.0		334 23
18	5039	-39.0	A22	324 17	6542	-44.7		319 10	8391	-60.1		325 13	10917	-58.2		319 24
19	5024	-40.6		326 05	6511	-50.3		305 06	8346	-59.3		324 08	10879	-58.4		320 20
20	5134	-42.5		300 14	6610	-51.8		308 18	8445	-58.5		309 22	10995	-58.4		308 23
21	5194	-36.6		71 263 15	6702	-47.1		275 20	8557	-58.7		284 24	11043	-61.8		306 21
22	5020	-39.6	68	217 22	6504	-52.4		216 38	8345	-55.5			10936	-54.9		
23	4927	-42.8		321 12	6402	-53.0		345 09	8232	-56.5		294 13	10822	-55.6		271 16
24	4909	-44.1		222 11	6375	-53.6		223 11	8196	-60.9		240 10	10741	-57.7		275 14
25	4732	-45.3		160 16	6199	-51.4		166 11	8048	-54.4		228 07	10641	-56.3		283 11
26	4834	-47.0		048 17	6280	-55.6		046 14	8082	-61.5		034 09	10601	-60.8		350 07
27	4888	-46.0		285 10	6338	-56.7		284 06	8131	-63.8		334 05	10620	-62.7		332 09
28	4875	-44.7		266 07	6340	-53.3		256 07	8165	-60.4		235 09	10692	-61.0		293 10
MN	4965	-42.4	49	318 05	6443	-51.4			8275	-59.3			10813	-59.1		

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm. (Obs. on Sta.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm. (Obs. on Sta.)	°C	%	deg. mps.
01	12644	-58.8		349 14	15173	-61.9		341 18					19505	-61.6		
02	12649	-58.1			15183	-61.1			16573	-59.1						
03	12718	-57.1			15269	-61.7										
04	12692	-62.7			15179											
05	12778	-61.8			15242	-66.5										
06	12693	-60.6		335 20	15199	-66.0		337 21	16541	-69.8		336 27	19309	-74.2		
07	12652	-59.1		319 13	15153	-66.2		310 20	16501	-67.8		318 23	19303	-71.5		316 25
08	12561	-59.6			15063	-63.2										
09	12573	-61.5		318 11	15076	-64.6		332 19	16435	-66.0		317 18	19262	-68.6		335 34
10	12502	-61.0														
11	12522	-61.2			15020	-64.6			16376	-66.6						
12	12494	-62.8		351 06	14976	-65.5		279 06	16333	-65.9		284 09	19180	-64.9		
13	12580	-62.5		356 09	15070	-64.2		355 17	16431	-65.5		343 21	19306	-63.1		
14	12561	-62.9			15040	-66.4			16391	-66.4			19242	-65.7		
15	12517	-63.1			15001	-66.1			16351	-67.5			19171	-68.4		
16	12636	-62.6		334 11	15113	-66.6		337 22	16454	-68.7		328 21	19241	-72.8		329 33
17	12628	-63.7		333 24	15088	-68.5		333 28								
18	12720	-60.1		321 26	15217	-66.3		324 23	16565	-67.6		319 38	19376	-70.4		
19	12691	-59.5		315 27	15208	-63.4		316 36	16569	-66.4		318 43	19419	-66.4		
20	12808	-59.7		302 32												
21	12831	-60.1		283 28	15353	-62.6		288 50	16728	-62.8						
22	12775	-55.2			15148	-57.2			16755	-57.1						
23	12656	-60.0		266 33	15255	-55.3		279 41	16678	-56.8		267 57	19642</			

SUMMARY OF CONSTANT PRESSURE DATA

FEBRUARY 1959

ISACHSEN, N.W.T.

12 GMT

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74074 78°47'N 103°32'W 30 METERS

Z	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.				
01	1003	-38.3	66	360	09	0048	-38.7	66	002	09	1202	-25.4	75	026	15	2599	-31.1	70	042	18
02	991	-39.5	72	340	02	0034	...	...	01	1125	-24.0	75	75	2538	-27.5	74	...	...	...	...
03	1000	-31.4	76	360	06	0029	-31.5	76	003	06	1183	-25.3	76	038	16	2595	-23.7	78	...	...
04	1016	-32.3	72	030	05	0139	-32.1	70	028	08	1329	-18.6	74	74	2756	-25.8	65	...	...
05	1006	-28.3	77	340	22	0072	-27.9	79	...	...	1294	-17.5	79	...	2734	-21.6	68	...	...
06	1001	-27.5	77	320	06	0036	-27.7	77	324	06	1212	-23.9	82	338	07	2641	-25.8	58	287	09
07	1002	-36.1	71	340	18	0042	666.6	66	...	...	1208	-27.4	76	...	2595	-32.1	73	...	...
08	1010	-39.1	66	360	08	0096	-39.3	66	002	09	1245	-29.8	77	002	15	2621	-34.0	63	354	17
09	1011	-40.0	340	08	0102	-37.5	66	348	10	1252	-30.8	64	360	15	2620	-35.6	58	356	12	
10	1004	-39.4	66	340	09	0054	-38.4	66	342	10	1206	-30.3	73	358	16	2582	-33.5	67	359	16
11	1002	-40.0	340	04	0041	-39.0	66	344	04	1195	-30.1	66	011	12	2569	-33.1	50	360	09	
12	1008	-37.3	66	340	08	0082	-35.0	66	348	10	1249	-28.0	74	002	12	2634	-31.2	66	040	09
13	999	-37.2	66	340	11	0020	-37.0	66	666	66	1193	-24.0	73	666	66	2611	-24.9	70	666	66
14	995	-35.5	72	360	03	0036	-35.2	72	340	05	1212	-24.2	74	012	14	2617	-26.2	35	666	66
15	1001	-35.9	72	340	05	0031	-37.0	66	272	04	1259	-22.6	80	323	09	2671	-26.6	74	013	16
16	1008	-38.5	66	000	00	0122	-37.7	66	000	00	1293	-23.7	76	296	07	2689	-29.8	68	300	10
17	1014	-38.5	66	000	00	0063	-33.5	64	000	00	1246	-22.9	80	317	02	2660	-27.2	36	326	07
18	1005	-36.7	56	000	00	0125	-31.3	62	000	00	1313	-22.7	48	321	06	2719	-28.6	34	312	08
19	1014	-37.8	66	000	00	0063	-31.3	62	000	00	1374	-18.2	58	194	08	2807	-24.8	41	262	08
20	1021	-33.6	76	160	04	0175	-30.3	75	168	09	1227	-14.2	66	666	666	2694	-19.2	66	666	66
21	1000	-22.9	82	170	14	0029	-23.0	...	...	1120	-24.1	78	328	09	2546	-24.1	74	302	09	
22	989	-28.1	90	290	05	0049	...	...	...	1186	-24.0	81	272	05	2604	-27.3	79	292	10	
23	998	-34.3	72	230	05	0014	-34.4	72	221	05	1122	-27.6	75	184	10	2505	-32.2	76	196	14
24	991	-31.4	81	180	04	0037	...	...	...	1071	-34.6	54	053	03	2428	-35.0	64	084	14	
25	989	-44.4	340	04	0045	...	...	...	...	1155	-24.9	69	355	11	2555	-29.8	67	354	12	
26	995	-37.8	66	240	03	0010	...	...	...	1167	-25.9	72	293	08	2556	-32.0	65	666	66	
27	998	-43.2	000	00	0013	-43.0	000	00	...	1130	-26.7	75	203	15	2526	-31.2	72	217	09	
28	993	-35.6	72	160	08	0018	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MN	1002	-35.5	75	...	43	-34.4	72	...	...	1212	-24.9	72	349	06	2616	-28.7	64	...	...	...

Z	500 MBS				400 MBS				300 MBS				200 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	4926	-42.6	69	...	6401	-52.5	...	...	8235	-56.4	...	...	10818	-58.4	...	...
02	4926	-37.7	...	...	6431	-47.3	...	...	8301	-56.0	...	...	10870	-59.4	...	...
03	4976	-40.1	...	...	6469	-49.5	...	...	8315	-57.9	...	...	10869	-58.1	...	...
04	5130	-40.3	...	...	6620	-50.4	...	...	8458	-60.0	...	...	10987	-59.0	...	...
05	5123	-38.0	51	...	6626	-48.4	...	...	8468	-60.0	...	...	10938	-65.4	...	...
06	5001	-42.4	311	10	6479	-51.0	308	11	8313	-59.5	297	10	10857	-58.6	314	12	
07	4907	-43.6	...	...	6373	-33.6	...	...	8195	-58.7	...	...	10764	-57.1	...	...
08	4919	-46.3	344	14	6379	-52.4	344	10	8209	-58.3	349	17	10753	-60.9	322	10	
09	4898	-48.1	347	13	6346	-54.8	342	16	8165	-58.3	342	16	10717	-58.7	325	09	
10	4887	-45.7	356	25	6347	-54.1	340	05	8169	-59.2	320	09	10713	-59.2	304	06	
11	4887	-44.4	004	04	6353	-53.3	000	00	8175	-60.0	000	00	10710	-59.4	357	05	
12	4969	-42.5	200	13	6443	-53.8	189	12	8249	-62.9	195	07	10755	-61.2	351	04	
13	4995	-39.0	58	106	03	6485	-51.8	082	04	8300	-62.6	100	06	10813	-61.6	017	06
14	4954	-41.4	008	07	6437	-52.3	352	06	8252	-62.8	358	09	10765	-60.6	349	13	
15	4970	-39.8	028	07	6460	-50.1	027	12	8292	-61.5	027	11	10769	-61.3	360	15	
16	5033	-40.2	326	18	6521	-51.0	329	16	8349	-62.6	331	19	10838	-61.8	331	21	
17	5043	-40.5	310	09	6532	-49.6	320	13	8357	-62.6	332	19	10875	-59.7	323	26	
18	5020	-40.5	325	10	6515	-49.0	325	11	8361	-59.4	339	09	10910	-56.0	318	20	
19	5064	-42.5	307	10	6536	-52.3	212	05	8365	-57.9	307	09	10923	-57.3	311	19	
20	5183	-39.8	67	304	17	6679	-46.7	316	30	8521	-61.0	312	37	11041	-59.5	313	34
21	5117	-36.2	566	66	6623	-49.1	235	16	8453	-59.7	214	24	11007	-57.6	272	19	
22	4924	-40.8	296	11	6405	-52.3	290	10	8250	-53.4	270	15	10859	-53.8	264	21	
23	4941	-44.2	280	08	6404	-54.2	284	12	8206	-62.5	260	11	10739	-58.6	275	17	
24	4825	-43.7	212	18	6295	-54.2	217	13	8116	-59.2	224	11	10675	-57.8	273	11	
25	4727	-46.0	087	21	6183	-54.3	080	17	8013	-56.7	057	13	10575	-59.1	035	16	
26	4873	-46.0	044	08	6320	-56.0	037	12	8112	-63.7	027	07	10609	-62.5	338	08	
27	4865	-45.4	666	66	6324	-53.9	320	07	8142	-61.0	328	12	10639	-62.5	340	11	
28	4845	-45.0	238	13	6301	-53.3	278	12	8116	-59.7	268	18	10644	-61.3	302	09	
MN	4962	-42.2	60	321	06	6439	-51.8	318	06	8266	-59.8	313	07	10801	-59.3	318	12

Z	150 MBS				100 MBS				80 MBS				50 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. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12636	...	...	...	15257	-58.2	...	...	...	...	...	...	...	...	...	...
02	12695	-58.4	...	...	15192	-64.0	...	...	...	...	...	...	...	...	...	...
03	12675	-59.7	...	...	15267	-66.6	...	...	...	...	...	...	...	...	...	...
04	12779	-63.0	...	...	15189	-69.9	...	...	...	...	...	...	...	...	...	...
05	12729	-61.3	...	...	15172	-65.1	327	23	16519	-69.1	318	32	19326	...	...	...
06	12668	-59.5	331	13	15172	-65.1	...	...	16523	-67.8	...	...	19323	...	...	...
07	12569	-60.8	...	...	15074	-63.9	...	...	16435	-66.0	...	...	...	...	...	...
08	12550	-60.8	334	16	15047	-65.6	334	25	16403	-65.8	331	31	19239	-68.8	319	25
09	12510	-63.1	333	09	14991	-65.1	322	15	16345	-67.1	336	19	19168	-67.5	328	30
10	12504	-61.8	006	10	14999	-64.7	360	12	16394	-66.6	348	21	19188	-67.5	343	30
11	12505	-61.1	351	08	15002	-65.2	351	13	16360	-65.9	345	18	19206	-67.2	342	34
12	12533	-61.9	357	09	15012	-66.3	355	17	16363	-65.9	338	19	19238	...	...	...
13	12601	-61.9	322	07	15098	-63.3	352	16	16462	-65.8	330	23	19340	-64.0	335	38
14	12542	-63.8	341	7	15012	-65.6	335	21	16360	-68.2	328	24	19191	-67.1	318	39
15	12553	-62.3	360	23	15040	-65.3	350	27	16392	-67.3	341	35	...	...	...	...
16	12611	-64.8	331	24	15071	-68.6	331	26	16397	-71.5	...	...	...	...	...	...
17	12663	-62.5	330	29	15137	-67.5	331	30	16477	-69.1	...	...		

SUMMARY OF CONSTANT PRESSURE DATA

MARCH 1959

ISACHSEN, N.W.T.

00 GMT.

STATION INSTRUMENTATION
USWB type radiosonde, SCR558 RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74074 78°47'N 103°32'W 30 METERS

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains altitude, temperature, relative humidity, and wind speed/direction data for various pressure levels.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains altitude, temperature, relative humidity, and wind speed/direction data for various pressure levels.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains altitude, temperature, relative humidity, and wind speed/direction data for various pressure levels.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains altitude, temperature, relative humidity, and wind speed/direction data for various pressure levels.

A - Statistical Value for Relative Humidity
& - Stratum of Missing Data
* - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

MARCH 1959

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74074 78°47'N 103°32'W 30 METERS

ISACHSEN, N.W.T.

12 GMT.

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (Press. on Sto)	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm. (Press. on Sto)	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mpa.				
01	993	-35.0	72	090	02	0020			1127	-30.8	68	207	05	2502	-33.9	73	226	05		
02	1000	-43.3	00	000	00	0028	-41.7	000	00	1177	-28.8	60	352	04	2553	-33.5	75	012	06	
03	1010	-39.4	66	160	03	0096	-38.5	66	187	04	1275	-22.2	77	313	07	2686	-26.2	78	326	10
04	1015	-27.6	77	220	05	0136	-28.0	75	250	06	1333	-23.5	79	296	10	2749	-26.8	81	298	13
05	1017	-34.4	72	250	05	0146	-29.0	73	261	06	1334	-23.5	80	287	16	2746	-26.8	81	298	13
06	1015	-29.2	69	080	03	0136	-26.7	68	113	05	1334	-21.4	67	218	04	2757	-25.4	74	237	04
07	1010	-31.1	65	070	06	0099	-27.5	70	100	07	1296	-21.3	70	141	08	2719	-26.0	44	111	06
08	1010	-34.7	72	000	00	0098	-29.1	66	000	00	1285	-22.8	74	341	07	2702	-26.7	64	324	12
09	1008	-36.1	57	340	03	0082	-35.4	59	337	03	1255	-24.5	80	319	03	2687	-25.5	42	055	09
10	1002	-35.3	51	340	06	0042	-35.0	53	342	06	1247	-13.5	50	015	08	2713	-17.6	A17	048	12
11	1000	-35.6	72	340	05	0028	-35.5	72	340	05	1216	-19.1	70	336	12	2652	-23.4	62	326	12
12	1002	-37.8	66	250	07	0041	-38.0	66	250	07	1209	-23.7	53	294	12	2618	-28.1	32	245	07
13	1006	-42.2	220	01	0068	-40.9		225	01	1225	-26.6	74	242	04	2616	-32.7	43	215	03	
14	1009	-41.2	000	00	0087	-39.6	66	000	00	1234	-29.2	64	235	06	2612	-32.5	44	200	03	
15	1003	-42.4	000	00	0047	-41.1		000	00	1189	-30.6	63	210	05	2566	-34.0	50	291	02	
16	1007	-42.2	110	03	0075	-40.1		132	03	1217	-29.6	63	160	01	2594	-33.4	66	038	05	
17	1012	-41.1	140	04	0108	-38.6	66	132	05	1266	-26.7	73	276	04	2657	-30.7	73	275	04	
18	1010	-38.2	66	160	05	0088	-37.1	66	182	06	1366	-28.4	72	293	13	2627	-32.6	71	272	11
19	1002	-32.2	81	250	06	0042	-32.4	78	251	06	1193	-29.5	67	296	09	2568	-34.8	72	305	14
20	1009	-39.6	66	000	00	0088	-35.2	66	000	00	1263	-23.0	30	351	04	2679	-27.0	38	015	10
21	1015	-32.2	49	000	00	0134	-31.1	49	000	00	1319	-24.8	78	317	04	2744	-24.7	37	337	07
22	1015	-38.6	66	000	00	0133	-30.4	66	000	00	1332	-21.0	73	349	08	2753	-25.4	43	334	06
23	1019	-36.8	56	000	00	0160	-29.8	55	000	00	1348	-23.7	77	279	06	2764	-27.2	77	284	05
24	1027	-32.8	72	000	00	0217	-26.7	59	000	00	1405	-21.3	74	286	07	2837	-25.9	74	313	06
25	1028	-32.1	58	180	01	0225	-26.9	63	227	04	1428	-20.2	67	268	06	2853	-24.8	69	249	04
26	1021	-31.9	76	240	04	0175	-27.5	70	251	05	1385	-18.8	75	312	06	2817	-24.8	76	322	06
27	1015	-31.7	65	000	00	0134	-30.2	68	000	00	1339	-18.0	87	293	07	2774	-24.8	84	277	05
28	1015	-33.6	72	000	00	0134	-31.5	59	000	00	1329	-20.7	75	291	06	2749	-27.4	76	310	07
29	1015	-36.9	56	000	00	0132	-32.4	57	000	00	1322	-21.0	39	028	07	2735	-28.7	37	011	07
30	1014	-39.3	66	000	00	0124	-30.4	66	000	00	1309	-23.5	48	916	07	2715	-29.1	64	325	06
31	1009	-37.2	71	000	00	0085	-35.5	65	000	00	1271	-22.1	79	335	05	2677	-30.4	75	335	05
MN	1011	-36.2	66			102	-33.2	64		1281	-23.7	68	301	05	2691	-28.0	59	316	05	

Day	500 MBS				400 MBS				300 MBS				200 MBS							
	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.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mpa.				
01	4788	-48.6		253	06	6239	-54.4		254	06	8060	-57.9		285	05	10623	-58.6		316	08
02	4862	-44.0		028	20	6332	-51.8		035	22	8159	-59.3		031	26	10692	-59.9			
03	5051	-41.7		341	14	6531	-51.7		342	15	8354	-61.8		339	19	10850	-61.4		329	18
04	5115	-40.6		317	15	6601	-50.5		326	15	8426	-62.7		338	15	10926	-60.4		319	13
05	5113	-40.6		291	14	6607	-49.0		300	11	8446	-58.8		311	10	11023	-52.0		301	19
06	5126	-39.5		275	11	6623	-48.9		296	16	8465	-56.9		288	13	11071	-49.8		292	16
07	5100	-37.8	68	207	09	6610	-47.9		259	09	8460	-57.1		287	12	11078	-49.5		288	15
08	5072	-39.3		315	17	6569	-48.1		316	30	8427	-54.9		310	20	11049	-49.7		293	10
09	5094	-37.4	67	069	17	6599	-48.8		085	19	8440	-55.4		054	08	11060	-50.4		293	08
10	5144	-36.4	A21	053	17	6655	-47.3		045	13	8498	-60.8		052	03	11083	-50.6		293	12
11	5044	-38.2	A22	315	15	6550	-47.4		320	15	8408	-57.8		296	08	11037	-66.6		266	11
12	4980	-40.6		168	11	6468	-50.3		164	12	8315	-53.5		172	09	10981	-65.1		240	12
13	4939	-43.8		148	14	6419	-50.4		142	15	8291	-49.1		173	05	10979	-64.8		226	09
14	4918	-46.0		140	06	6381	-52.4		134	11	8241	-50.5		166	05	10916	-66.0		215	11
15	4869	-46.4		348	03	6334	-51.2		360	02	8203	-49.9		298	02	10881	-66.2		253	06
16	4909	-44.7		060	11	6372	-54.2		053	12	8205	-54.6		023	05	10842	-69.1		242	07
17	4876	-44.8		317	04	6437	-54.4		290	05	8243	-59.8		286	03	10821	-51.9		257	09
18	4930	-44.6		267	14	6387	-54.0		267	10	8202	-57.7		258	10	10799	-52.0		243	09
19	4894	-41.9		339	20	6373	-50.8		353	17	8220	-55.6		354	12	10809	-54.7		294	09
20	5042	-39.4	37	021	19	6541	-48.4		027	22	8390	-59.5				10918	-57.3			
21	5115	-40.4		337	13	6603	-50.5		330	16	8428	-61.9		327	14	10969	-55.7		259	10
22	5129	-39.0	A22	315	10	6626	-49.4		317	08	8464	-59.8		305	07	11048	-51.4		230	10
23	5103	-43.3		293	03	6578	-51.7		273	05	8424	-54.0		264	09	11061	-68.4		211	10
24	5206	-39.1		033	07	6702	-48.7		046	09	8543	-58.1		019	05	11128	-57.2		223	07
25	5232	-39.3	39	244	03	6727	-49.4		306	04	8560	-60.5		287	03	11118	-54.7		260	03
26	5198	-39.1		324	06	6694	-48.9		326	05	8531	-60.2		337	05	11104	-52.6		312	04
27	5130	-42.4		311	08	6609	-51.3		321	11	8434	-59.2		315	12	11027	-52.6		310	07
28	5083	-44.5		295	08	6548	-52.4		296	14	8386	-54.4		306	13	11006	-50.5		292	08
29	5071	-43.7		333	08	6536	-53.7		333	10	8380	-53.5		328	11	11015	-49.9		309	07
30	5054	-42.5		326	09	6525	-52.6		324	08	8357	-57.5		338	09	10976	-49.7		355	08
31	5008	-42.8		022	06	6484	-51.4		011	08	8339	-52.7		009	12	10980	-49.7		355	08
MN	5042	-41.8	39	334	05	6523	-50.7		345	07	8364	-56.9		321	07	10964	-51.7		285	08

Day	150 MBS				100 MBS				80 MBS				50 MBS							
	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.	Altitude gpm. (Press. on Sto)	Temp. °C	R.H. %	Wind deg. mpa.				
01	12419	-61.4		329	10	14915	-63.4		313	15	16280	-65.2		312	20	19165	-60.8		315	44
02	12489	-60.0				15012	-60.1													

SUMMARY OF CONSTANT PRESSURE DATA

APRIL 1959

ISACHSEN, N.W.T.

00 GMT.

STATION INSTRUMENTATION

 USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74074 78°47'N 103°32'W 30 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.				
																	gpm.	°C	%	deg. mps.
01	1008	-33.0	64	0000	00	0093	-35.8	58	0000	00	1271	-22.7	84	337	07	2675	-30.0	70	338	10
02	1009	-37.7	66	0000	00	0088	-36.8	50	0000	00	1254	-27.0	52	319	08	2639	-32.4	47	319	15
03	1007	-36.6	60	0900	03	0076	-36.0	59	0800	03	1228	-29.5	65	077	08	2602	-34.2	66	069	10
04	1010	-35.3	60	0000	00	0098	-31.7	55	0000	00	1265	-28.3	59	096	07	2654	-31.5	41	077	06
05	1015	-32.2	72	360	01	0134	-31.9	63	354	04	1309	-24.2	50	333	08	2714	-29.0	41.9	006	07
06	1015	-26.5	77	270	06	0136	-27.2	72	283	06	1321	-18.7	74	326	08	2764	-21.0	77	329	09
07	1017	-26.9	66	260	02	0149	-27.6	65	271	03	1345	-19.9	74	337	07	2770	-24.9	97	339	10
08	1027	-28.6	65	0000	00	0219	-25.7	62	0000	00	1419	-19.5	58	359	08	2859	-21.3	66	010	09
09	1029	-27.5	66	0000	00	0235	-25.3	64	0000	00	1432	-18.7	62	257	02	2871	-22.6	59	329	07
10	1018	-29.9	62	210	02	0156	-25.8	65	666	66	1359	-17.5	77	666	66	2782	-24.4	77	318	12
11	1007	-22.7	74	0000	00	0080	-23.9	69	0000	00	1279	-21.0	73	248	05	2782	-24.4	77	301	11
12	1006	-29.4	77	270	12	0071	-29.9	75	273	12	1235	-28.4	72	289	17	2624	-30.6	66	280	18
13	1019	-21.2	82	160	12	0102	-22.7	79	164	12	1293	-24.8	78	213	13	2716	-27.1	74	210	16
14	1012	-21.6	82	160	06	0116	-22.5	80	169	07	1299	-25.9	80	167	11	2694	-31.1	66	147	18
15	1025	-26.9	70	0000	00	0206	-26.1	53	0000	00	1394	-25.0	44	173	09	2792	-29.9	51	197	17
16	1027	-20.4	75	070	09	0225	-20.2	77	120	11	1458	-14.5	61	180	14	2912	-22.1	48	198	20
17	1029	-20.0	68	245	05	0241	-19.8	65	244	05	1458	-16.0	76	220	06	2904	-22.7	38	201	11
18	1033	-25.7	66	0000	00	0263	-24.1	60	271	02	1477	-16.6	61	268	05	2918	-23.7	29	260	04
19	1034	-24.7	74	360	03	0272	-20.0	76	030	05	1485	-17.8	64	010	02	2923	-23.5	29	040	02
20	1030	-24.2	67	340	05	0246	-20.1	68	358	07	1486	-13.2	27	005	09	2944	-20.8	26	360	09
21	1028	-23.6	67	340	09	0230	-24.4	69	354	07	1455	-13.5	64	345	11	2917	-18.5	29	342	12
22	1027	-22.8	70	340	08	0222	-23.7	69	358	10	1430	-17.5	70	359	13	2868	-23.8	56	345	15
23	1028	-24.2	78	360	12	0229	-23.6	86	015	14	1435	-18.6	85	025	12	2869	-23.8	76	035	14
24	1023	-23.7	67	360	08	0194	-24.8	65	015	06	1395	-16.3	41	079	07	2844	-20.5	27	067	13
25	1020	-23.3	67	0000	00	0173	-24.6	58	000	00	1417	-13.7	38	057	04	2820	-18.4	40	117	16
26	1012	-21.4	78	360	05	0118	-18.9	58	005	05	1355	-13.7	38	057	04	2820	-18.4	40	164	10
27	1007	-14.2	72	060	04	0083	-13.6	72	494	04	1315	-18.4	60	137	07	2754	-21.3	40	095	10
28	1011	-20.7	71	180	03	0101	-21.5	69	079	04	1310	-20.9	51	168	06	2732	-25.6	41	164	05
29	1005	-21.4	67	338	03	0066	-21.9	64	340	03	1274	-18.9	44	025	03	2712	-23.6	29	174	03
30	1006	-21.3	74	320	12	0073	-21.7	74	322	12	1296	-15.6	56	005	09	2747	-22.3	36	033	04
MN	1018	-25.6	70			156	-25.0	67			1358	-20.0	60	336	02	2787	-24.8	50	330	03

Day	500 MBS				400 MBS				300 MBS				200 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.						
																	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	5010	-43.4		354	16	6486	-51.2	007	19	8345	-51.9		356	12	10999	-48.1		360	12			
02	4954	-43.8		322	20	6435	-48.8	324	19	8321	-48.8		324	12	11000	-47.0		335	05			
03	4925	-42.4		056	16	6418	-46.9	052	15	8323	-46.6		052	15	11025	-44.9						
04	5001	-38.3	A22	044	18	6503	-48.4	037	15	8361	-53.0	030	12	11021	-46.7		011	08				
05	5073	-40.4		035	16	6562	-50.4	044	12	8416	-52.5	035	10	11086	-45.8		013	08				
06	5160	-37.6	67	004	12	6666	-47.9	016	16	8512	-55.7	011	13	11165	-45.4		004	07				
07	5137	-40.7		347	09	6630	-48.4	335	14	8514	-48.2	358	08	11217	-42.9		352	08				
08	5261	-37.3	44	012	14	6770	-47.8	012	12	8628	-55.1	020	11	11282	-45.7		008	07				
09	5272	-37.3		312	06	6775	-48.2	313	06	8621	-55.2	325	11	11287	-45.7		336	05				
10	5168	-38.8	62	313	19	6672	-46.5	308	24	8573	-45.2	310	24	11292	-42.3		312	28				
11	5103	-36.6	74	300	18	6623	-44.8	300	20	8536	-43.8	295	15	11286	-41.3		301	15				
12	4968	-38.0		274	24	6494	-40.9	267	27	8458	-39.5			11238	-37.7							
13	5073	-40.3		230	22	6570	-46.4			8499	-41.7			11263	-40.2							
14	5028	-39.7		159	22	6547	-41.2	174	21	8491	-43.5	170	18	11230	-40.7		162	11				
15	5134	-41.1		232	32	6633	-46.8	234	23	8549	-45.1			11269	-44.1							
16	5322	-35.8	65	215	21	6837	-47.8			8685	-56.6			11315	-47.3							
17	5300	-37.4	36	194	14	6808	-47.8	200	13	8680	-50.6	196	12	11356	-46.1		197	06				
18	5305	-38.7	32	252	05	6807	-48.5	250	04	8680	-49.5	243	05	11373	-44.8		239	03				
19	5308	-39.0	A22	050	03	6808	-48.4	010	03	8680	-50.2	350	02	11364	-45.9		008	01				
20	5373	-33.4	31	006	14	6904	-44.8	013	14	8776	-55.4	015	15	11423	-45.5		043	05				
21	5330	-35.3	56	350	13	6844	-45.7	006	13	8735	-50.3	343	12	11419	-44.3		007	07				
22	5259	-37.0	36	343	17	6773	-46.0	340	19	8666	-47.2	348	15	11403	-41.2		358	09				
23	5201	-36.2	30	041	17	6817	-46.8			8652	-48.9			11365	-43.1							
24	5273	-36.2	A21	066	21	6775	-46.3	039	21	8694	-49.6	070	27	11359	-44.7		098	07				
25	5258	-34.2	31	196	09	6781	-46.1	212	20	8650	-53.9	170	06	11327	-44.0		108	07				
26	5158	-35.7	A21	047	20	6677	-46.4	028	24	8538	-55.9	041	13	11220	-43.0		090	03				
27	5094	-40.9		022	01	6584	-49.1	040	02	8469	-47.9	103	02	11192	-42.0		184	02				
29	5095	-39.0		183	12	6595	-48.3	185	12	8478	-48.5	170	05	11204	-42.8		220	02				
30	5136	-37.6	66	135	02	6639	-47.6	146	02	8497	-51.9	101	03	11205	-43.5		086	02				
MN	5167	-38.3	43	341	04	6673	-47.0			341	06	8556	-49.7			343	05	11253	-44.0		344	04

Day	150 MBS				100 MBS				80 MBS				50 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. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.		
																	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	12902	-46.6		319	05	15604	-45.7	316	11	17094	-44.4	316	12	20276	-39.9		251	08
02	12908	-46.2		318	05	15630	-41.9	290	10	17139	-42.7	297	09	20326	-40.3		272	09
03	12953	-43.9				15701	-40.6			17219	-41.0			20433	-39.0			
04	12938	-44.5		342	05	15688	-41.2	255	02	17209	-39.9	189	04	20422	-40.7		193	05
05	13009	-44.2		021	03	15758	-41.5	020	02	17278	-40.0	200	01	20486	-41.0		167	04
06	13095	-42.8		012	06	15843	-41.2	332	05	1								

SUMMARY OF CONSTANT PRESSURE DATA

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APRIL 1959

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74074 78°47'N 103°32'W 30 METERS

ISACHSEN, N.W.T.

12 GMT.

Day	SURFACE				1000 MBS				850 MBS				700 MBS								
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind					
	gpm. (m. sls.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm. (m. sls.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.					
01	1007	-39.1	66	000	00	0076	-34.6	48	000	00	1255	-23.5	58	332	12	2658	-29.2	62	328	22	
02	1008	-39.3	66	000	00	0082	-35.2	46	000	00	1238	-30.6	71	166	02	2605	-34.7	67	321	06	
03	1007	-36.7	71	350	04	0077	-33.2	48	015	04	1236	-27.7	62	081	10	2623	-31.5	51	069	09	
04	1014	-36.1	71	000	00	0125	-29.8	55	000	00	1302	-27.0	58	049	05	2700	-30.2	37	073	03	
05	1013	-32.3	72	310	06	0119	-32.5	68	666	66	1305	-21.7	77	344	09	2726	-24.6	74	017	09	
06	1017	-26.6	77	220	04	0150	-26.2	76	239	04	1345	-20.7	78	300	05	2772	-23.8	80	325	09	
07	1021	-29.9	73	000	00	0177	-28.4	70	000	00	1378	-20.0	76	355	05	2810	-23.6	A18	066	06	
08	1030	-28.5	73	000	00	0242	-23.9	65	000	00	1440	-18.7	71	010	04	2881	-21.7	69	347	11	
09	1023	-33.8	64	000	00	0189	-27.4	57	666	66	1383	-18.2	38	316	07	2820	-23.4	44	310	10	
10	1014	-29.7	77	000	00	0127	-28.1	64	000	00	1332	-20.8	79	298	07	2759	-23.6	39	316	10	
11	1002	-30.3	69	360	05	0043	-30.6	69	357	05	1220	-23.4	54	266	11	2630	-26.4	A19	268	17	
12	1010	-33.2	72	110	03	0098	-30.8	54	355	05	1277	-25.6	69	250	07	2680	-28.6	68	264	19	
13	1011	-23.9	78	140	09	0108	-23.8	78	148	09	1300	-23.9	79	176	11	2713	-28.5	74	174	19	
14	1019	-33.2	46	000	00	0161	-31.1	47	000	00	1343	-26.9	41	260	03	2728	-32.2	49	171	10	
15	1031	-28.3	62	000	00	0248	-23.2	65	151	03	1452	-18.7	70	198	09	2899	-22.5	79	223	16	
16																					
17	1032	-27.8	77	000	00	0255	-22.9	67	286	03	1470	-17.2	A17	255	04	2909	-22.6	A18	235	08	
18	1038	-28.6	62	000	00	0297	-23.0	64	047	02	1511	-17.8	69	047	02	2951	-23.4	31	246	02	
19	1032	-23.3	72	292	02	0260	-19.4	70	020	07	1490	-15.8	36	030	09	2999	-21.6	A18	028	09	
20	1028	-29.3	62	000	00	0232	-17.6	63	361	05	1471	-14.0	33	330	08	2929	-19.2	A17	347	08	
21	1028	-24.4	78	360	03	0229	-25.6	75	005	07	1448	-15.2	57	350	10	2903	-20.7	33	344	11	
22	1027	-27.5	77	010	11	0221	-22.3	73	010	14	1428	-19.6	67	020	17	2855	-26.0	57			
23	1027	-26.4	82	030	04	0221	-26.6	66	021	10	1434	-16.5	62			2884	-21.0	27			
24	1020	-26.9	66	340	03	0171	-25.3	59	045	03	1398	-15.7	34	055	09	2837	-19.8	A17	055	15	
25	1019	-25.7	66	000	00	0167	-20.8	63	125	01	1388	-17.0	41	110	07	2898	-21.7	28	095	10	
26	1004	-25.9	70	000	00	0057	-23.8	63	108	01	1306	-11.6	53	157	06	2779	-17.6	40	070	08	
27	1012	-23.5	70	000	00	0116	-23.0	69	000	00	1324	-18.9	46	150	09	2756	-24.5	48	133	08	
28	1008	-25.8	66	360	02	0086	-21.8	69	020	02	1290	-20.7	60	135	02	2720	-24.3	37	165	03	
29	1005	-25.0	70	315	07	0066	-24.0	71	323	07	1283	-17.0	53	008	04	2732	-21.4	42	166	03	
30	1010	-22.8	67	340	04	0102	-22.8	70	350	05	1333	-12.9	24	030	02	2792	-21.8	57	047	01	
MN	1018	-29.1	70			155	-26.1	64			1358	-19.9	56	356	02	2788	-24.5	45	333	02	

Day	500 MBS				400 MBS				300 MBS				200 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	4996	-42.3		335	18	6476	-50.6		340	24	8339	-50.9		335	19	11006	-47.6		335	09	
02	4918	-42.7		321	07	6409	-46.5		350	05	8314	-47.8		348	05	11003	-46.2		341	06	
03	4959	-40.0	A22	053	24	6459	-47.0		055	26	8346	-49.2		029	12	11026	-44.7				
04	5050	-40.0	A27	039	15	6544	-49.6		024	16	8401	-52.8		029	12	11070	-45.9		014	09	
05	5116	-36.6	70	048	14	6619	-49.2		041	24	8465	-54.4		058	10	11121	-45.9		005	06	
06	5158	-38.3	69	321	24	6664	-48.5		318	29	8520	-52.0		335	14	11204	-43.8		009	04	
07	5203	-38.4	34	077	12	6702	-49.4		080	17	8562	-52.0		063	12	11232	-45.5		025	07	
08	5290	-36.8	45	014	11	6803	-47.4		015	12	8658	-54.8		008	09	11320	-45.5		005	05	
09	5216	-38.4	31	320	11	6719	-48.1		320	13	8590	-49.7		320	14	11289	-44.3		324	09	
10	5150	-38.1	A22	320	14	6658	-44.8		310	26	8500	-45.0		310	30	11310	-42.2		311	15	
11	5009	-36.5	A22	266	28	6545	-40.2				8491	-43.2				11255	-42.1				
12	5024	-42.7		265	25	6519	-43.5		272	21	8467	-40.1		258	11	11246	-40.0		243	08	
13	5060	-41.7				6553	-45.6				8483	-42.7				11228	-41.6				
14	5063	-38.5	A22	160	18	6579	-42.5		160	19	8507	-44.6		161	12	11233	-42.6		178	12	
15	5293	-37.1	74	230	22	6795	-48.8		240	24	8652	-53.1		220	07	11322	-45.8		185	06	
16																					
17	5306	-36.9	31	234	08	6817	-46.5		219	12	8691	-50.5		210	07	11373	-49.3		199	05	
18	5338	-38.8	32	244	05	6840	-47.8		260	06	8724	-49.1		266	04	11414	-45.0		095	01	
19	5342	-36.4	A21	039	08	6856	-45.6		050	17	8739	-52.4		050	09	11400	-45.5		038	04	
20	5358	-34.4	44	346	11	6886	-45.2		331	12	8760	-54.5		334	10	11421	-45.5		018	07	
21	5316	-36.4	54	341	13	6833	-46.2		352	14	8714	-49.8		348	15	11423	-43.6		026	08	
22	5234	-37.7	A22			6741	-45.7				8651	-44.9				11395	-41.9				
23	5294	-36.4	A21			6808	-46.0				8690	-49.0				11406					
24	5270	-36.3	34	053	18	6784	-46.3		053	25	8659	-51.2				11361	-43.0				
25	5248	-35.8	A21	094	12	6768	-45.1		112	12	8657	-49.5		103	13	11360	-43.8		080	09	
26	5232	-32.2	59	077	05	6764	-44.9		070	01	8630	-58.4		080	01	11287	-43.0		095	07	
27	5149	-40.0	35	072	08	6648	-48.6		052	13	8528	-48.3		055	06	11259	-41.0		135	02	
28	5101	-39.7	31	165	05	6600	-48.1		173	03	8494	-45.8		111	02	11232	-41.8		170	02	
29	5130	-37.2	68	164	10	6638	-47.9		163	10	8508	-50.2		149	06	11224	-42.3		076	02	
30	5186	-38.7	74	240	03	6686	-48.7		111	03	8543	-51.5		000	00	11250	-43.2		094	04	
MN	5173	-38.1	40	352	04	6680	-46.7		9	05	8564	-49.6		351	04	11264	-43.8		4	02	

Day	150 MBS				100 MBS				80 MBS				50 MBS							
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind				
	gpm. (m. sls.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm. (m. sls.)	°C	%	deg. mps.				
01	12913	-46.1		000	00	15625	-43.5		325	12	17126	-43.3		313	15	20323	-39.8		288	06
02	12918	-45.7		319	04	15645	-41.7		283	05	17159	-41.5		265	05	20358	-39.4		231	09
03	12955	-43.0				15715	-40.6				17239	-39.5				20459	-40.1			
04	12993	-43.8		016	06						17319	-39.8		210	01	20512	-41.8		000	00
05	13048	-43.3		028	05	15799	-41.0		328	02	17393	-40.6		339	02					

SUMMARY OF CONSTANT PRESSURE DATA

MAY 1959

ISACHSEN, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX NO. 74074 LATITUDE 76°47'N LONGITUDE 103°32'W ELEVATION 30 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude (Press. on Sta.)	Temp. °C	R.H. %	Wind		Altitude (Press. on Sta.)	Temp. °C	R.H. %	Wind		Altitude (Press. on Sta.)	Temp. °C	R.H. %	Wind		
				deg.	mps.				deg.	mps.				deg.	mps.	deg.	mps.
01	1016	-16.9	75	030	08	0148	-17.7	75	030	10	1375	-15.1	45	005	05	
02	1027	-19.4	75	030	02	0225	-19.8	73	005	07	1446	-17.9	81	355	09	
03	1037	-18.1	79	300	04	0250	-17.3	77	316	06	1467	-17.3	84	330	10	
04	1032	-21.9	71	050	06	0260	-21.7	73	050	06	1461	-22.6	75	028	09	
05	1029	-18.9	75	345	11	0242	-15.9	74	359	13	1470	-16.5	41	018	13	
06	1018	-15.2	72	360	10	0163	-16.6	70	003	12	1396	-14.1	31	013	13	
07	1012	-16.4	72	180	04	0119	-17.5	71	189	04	1341	-17.5	41	100	01	
08	1006	-17.1	75	280	02	0074	-17.9	74	280	02	1301	-14.1	27	032	02	
09	1003	-16.2	65	280	03	0052	-16.8	66	282	03	1281	-14.0	54	212	02	
10	1002	-20.0	68	330	03	0044	-20.4	70	327	03	1263	-13.7	45	275	03	
11	1013	-15.4	79	180	06	0126	-16.5	77	193	06	1340	-18.7	80	246	05	
12	1022	-15.7	75	160	08	0122	-16.7	79	173	08	1417	-16.3	82	218	08	
13	1026	-14.0	80	180	10	0224	-13.7	76	200	11	1452	-16.0	84	254	09	
14	1022	-12.2	84	210	05	0194	-13.8	80	215	06	1435	-15.4	83			
15	1025	-12.2	70	340	01	0218	-14.3	79	356	02	1448	-14.9	79	345	04	
16	1028	-12.6	76	360	03	0239	-14.7	77	012	03	1498	-13.8	72	355	05	
17	1033	-12.4	76	340	04	0275	-15.7	79	003	03	1455	-13.7	30	193	05	
18	1030	-14.2	76	080	05	0253	-15.0	76	117	06	1505	-10.7	30	193	05	
19	1020	-09.9	77	160	02	0182	-10.9	77	180	07	1449	-9.7	75	242	06	
20	1015	-05.4	92	220	04	0147	-06.2	91	226	05	1401	-13.8	87	255	09	
21	1012	-10.4	76	340	06	0121	-11.1	77	348	05	1354	-13.9	81	070	03	
22	1017	-10.5	84	360	03	0159	-11.8	84	011	04	1418	-11.8	58	042	07	
23	1013	-11.6	80	340	04	0128	-11.9	81	343	04	1398	-06.5	55	050	04	
24	1010	-07.0	88	020	08	0107	-08.3	88	026	08	1381	-03.2	40	024	12	
25	1011	-09.9	77	060	03	0114	-10.6	79	070	04	1378	-08.1	54	063	08	
26	1011	-08.8	80	030	02	0114	-09.8	74	030	01	1354	-11.8	56	328	01	
27	1009	-08.6	77	090	05	0099	-08.6	74	090	05	1322	-12.4	76	101	05	
28	1010	-06.6	81	350	02	0107	-07.4	82	310	02	1369	-07.6	81	115	07	
29	1011	-06.6	88	320	03	0115	-07.3	88	005	02	1376	-10.9	88	112	03	
30	1006	-05.2	88	360	04	0078	-05.4	86	339	04	1339	-10.9	77	182	02	
31	1005	-04.1	88	350	04	0070	-04.9	87	354	04	1334	-10.2	88	005	06	
MX	1017	-12.7	78			156	-13.4	78			1394	-13.1	66	358	02	

Day	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude (Press. on Sta.)	Temp. °C	R.H. %	Wind		Altitude (Press. on Sta.)	Temp. °C	R.H. %	Wind		Altitude (Press. on Sta.)	Temp. °C	R.H. %	Wind		
				deg.	mps.				deg.	mps.				deg.	mps.	deg.	mps.
01	5225	-39.1	63	280	04	6725	-48.5			310	03	8579	-51.6			
02	5247	-39.6	63	324	07	6742	-49.0			334	07	8611	-48.6			
03	5274	-40.5	63	324	16	6769	-46.5			340	15	8676	-44.7			
04	5208	-37.9	A22	005	09	6736	-40.5			003	18	8686	-41.0			
05	5317	-38.3	54	059	09	6819	-48.7			057	19	8711	-45.0			
06	5259	-36.6	A22	037	12	6768	-47.1			030	17	8673	-47.5			
07	5207	-33.1	69	045	12	6747	-42.7			040	14	8649	-51.3			
08	5155	-36.6	40	069	09	6670	-45.1			074	15	8570	-47.6			
09	5163	-34.1	49	092	08	6691	-46.2			097	07	8568	-51.2			
10	5139	-35.3	49	333	03	6656	-45.9			037	08	8542	-54.3			
11	5205	-35.2	43	340	03	6726	-46.2			037	07	8598	-54.0			
12	5276	-35.4	35	232	07	6799	-45.5			202	10	8776	-55.4			
13	5336	-33.8	74	178	15	6870	-44.1			295	16	8747	-53.6			
14	5318	-34.2	65	282	14	6847	-45.4			281	17	8724	-49.5			
15	5296	-35.9	68			6816	-46.4					8715	-45.1			
16	5306	-35.9	35	336	11	6826	-46.5			346	14	8727	-44.7			
17	5410	-32.8	50	341	06	6943	-44.1			358	06	8840	-50.0			
18	5479	-28.9	A19	332	04	7042	-39.7			A22	330	05	8954	-52.3		
19	5443	-27.0	59	232	14	7015	-38.4			A22	249	12	8930	-52.4		
20	5313	-33.2	41	238	15	6848	-43.8			240	14	8784	-42.7			
21	5234	-35.8	73	037	05	6753	-44.9			046	04	8697	-39.7			
22	5369	-31.4	32	073	20	6914	-42.8			080	26	8826	-46.0			
23	5423	-27.4	30	092	12	6990	-40.0			A22	093	11	8900	-52.4		
24	5411	-27.7	A19	021	13	6978	-39.9			A22	029	12	8889	-52.4		
25	5319	-31.7	64	040	17	6850	-42.8			040	21	8782	-44.0			
26	5256	-33.6	48	260	05	6786	-44.1			252	04	8715	-44.8			
27	5279	-31.5	42	166	17	6825	-42.0			163	25	8738	-46.2			
28	5321	-30.2	80	100	12	6878	-40.1			110	14	8785	-51.7			
29	5329	-30.1	37	091	09	6886	-39.9			099	09	8793	-50.4			
30	5304	-30.0	45	077	05	6856	-41.2			064	07	8762	-46.9			
31	5274	-31.8	75	056	10	6819	-41.1			060	17	8729	-48.3			
MX	5293	-33.7	49	13	04	6826	-43.8			22	38	05	8728	-48.4		

Day	150 MBS				100 MBS				80 MBS				50 MBS							
	Altitude (Press. on Sta.)	Temp. °C	R.H. %	Wind		Altitude (Press. on Sta.)	Temp. °C	R.H. %	Wind		Altitude (Press. on Sta.)	Temp. °C	R.H. %	Wind						
				deg.	mps.				deg.	mps.				deg.	mps.	deg.	mps.			
01	13224	-42.5		032	02	15970	-42.1		087	01	17476	-43.3		135	02	20639	-44.2		196	02
02	13265	-42.6		020	01	16004	-42.8		020	06	17506	-43.6		074	06	20666	-44.6		040	01
03	13370	-42.1		024	03	16107	-42.8		051	02	17616	-42.5		015	02	20776	-43.6		050	02
04	13397	-42.9		016	03	16130	-43.8		050	04	17631	-43.7		025	03	20783	-44.3		000	00
05	13410	-42.0				16142	-44.2				17637	-44.6				20779	-45.1			
06	13360	-43.1				16087	-44.1				17586	-44.0				20735	-44.7			
07	13319	-41.6		030	05	16065	-42.4		034	04	17571	-42.3		036	03	20736	-42.9		040	03
08	13259	-40.8		046	05	16006	-41.8		047	05	17516	-42.1		021	03	20693	-42.9		101	03
09	13246	-40.6		060	03	15949	-42.0		092	02	17515	-41.9		100	04	20712	-41.2		092	04
10	13198	-41.0		148	02	16017	-41.4		138	03	17466	-40.8		163	05	20651	-42.0		133	05
11	13261	-41.0		162	04	16065	-41.3		174	08	17529	-42.0		150	03	20700	-43.7		152	06
12	13319	-41.5		228	05	16065	-41.3		195	05	17579	-41.4		195	05	20748	-43.8		158	04
13	13395	-41.7		02	02	16145	-41.4		226	04	17655	-42.2		234	05	20821	-44.0		264	02
14	13398	-42.1		283	07	16138	-42.2		294	04	17650	-41.7		276	04	20838	-41.8		000	00
15	13417	-41.4				16164	-42.3				17677	-41.9				20851	-43.0			
16	13415	-41.8		295	05	16153	-42.6		293	04	17661	-42.6		000	00	20831	-43.2		000	00
17	13475	-44.3		316	05	16199	-44.0		317	01	17704	-42.8		000	00	20873	-43.2		000	00
18	13553	-45.2		276	07	16261	-44.9		257	03	17761	-43.3		254	02	20917	-43.8		093	05
19	13518	-45.8		258	08	16219														

SUMMARY OF CONSTANT PRESSURE DATA

MAY 1959

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74074 78°47'N 103°32'W 30 METERS

ISACHSEN, N.W.T.

12 GMT.

Day	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm. (on Sta.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm. (on Sta.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	1021	-21.6	74	330 09	0184	-15.4	60	352 07	1408	-17.3	46	351 09	2847	-23.8	30	322 06
02	1029	-23.9	67	000 00	0241	-16.4	73	325 06	1465	-18.2	81	315 09	2897	-25.3	76	330 07
03	1031	-21.8	71	360 04	0251	-23.9	76	342 06	1457	-19.8	60	340 10	2878	-26.3	30	352 13
04	1033	-21.6	74	350 05	0270	-17.5	67	360 05	1483	-19.8	63	037 08	2909	-25.4	64	041 11
05	1022	-18.8	79	345 14	0192	-16.1	79		1426	-15.2	60		2878	-21.6	41	
06	1015	-21.4	74	330 03	0140	-19.7	70	356 04	1368	-13.8	28	030 07	2822	-21.4	62	041 11
07	1009	-20.6	75	000 00	0095	-19.9	75	000 00	1318	-16.9	29	000 00	2762	-22.7	61	080 08
08	1004	-21.1	67	000 00	0058	-20.4	67	000 00	1285	-15.3	54	024 02	2737	-21.2	58	073 04
09	1000	-21.7	71	000 00	0029	-21.7	71	000 00	1255	-13.3	44	233 01	2714	-20.2	50	015 01
10	1008	-17.8	85	120 01	0088	-18.4	67	666 66	1299	-15.8	46	666 66	2753	-20.9	43	284 03
11	1018	-17.8	79	010 05	0161	-17.1	74	300 06	1378	-19.5	83	283 03	2815	-22.1	50	267 04
12	1025	-17.5	79	180 05	0213	-18.1	80	202 05	1433	-16.4	79	222 08	2876	-22.1	41	237 09
13	1025	-16.7	79	180 06	0215	-14.6	77	187 06	1448	-14.5	83	229 08	2898	-22.1	83	265 10
14	1023	-12.3	84	330 05	0202	-13.9	78	323 05	1423	-14.9	86	271 07	2880	-19.5	71	278 09
15	1026	-13.0	66	290 03	0224	-14.8	69	319 03	1434	-17.3	81	296 05	2881	-21.3	77	300 08
16	1031	-16.3	75	340 02	0258	-15.7	74	002 04	1468	-15.9	69	360 07	2928	-19.1	49	345 10
17	1034	-14.8	79	080 01	0281	-17.7	81	080 02	1512	-12.2	56	172 01	2987	-16.7	40	121 01
18	1024	-16.4	79	150 03	0208	-13.1	70	180 07	1472	-07.1	35	218 06	2967	-12.3	29	242 06
19	1016	-09.7	84	180 07	0152	-08.7	86	197 08	1419	-08.2	92	230 09	2906	-14.0	62	254 11
20	1013	-11.2	80	310 05	0128	-12.0	81	320 05	1361	-13.8	84	223 04	2884	-19.7	83	230 06
21	1014	-10.5	84	340 06	0136	-11.5	81	350 07	1386	-13.0	71	029 09	2852	-19.9	80	047 09
22	1005	-12.2	87	000 00	0068	-12.8	86	000 00	1326	-08.4	72	105 09	2818	-13.7	63	080 10
23	1011	-11.3	80	360 06	0113	-12.2	81	357 05	1387	-02.8	32	034 03	2910	-09.4	415	043 07
24	1010	-11.1	84	040 16	0106	-11.9	85	039 15	1366	-06.8	83	029 13	2859	-13.8	67	026 16
25	1012	-9.8	89	015 05	0122	-10.1	82	010 03	1374	-11.0	87	014 03	2847	-16.1	29	030 08
26	1009	-1.2	76	030 03	0098	-11.5	77	036 03	1339	-12.7	83	170 05	2809	-18.5	77	173 07
27	1009	-09.6	84	140 02	0098	-10.0	81	133 02	1352	-11.8	85	113 05	2847	-13.7	53	132 11
28	1011	-08.8	84	020 03	0114	-09.4	85	019 03	1377	-10.0	87	109 05	2868	-14.8	82	098 08
29	1010	-06.4	88	340 03	0107	-07.1	86	008 03	1368	-11.1	84	102 01	2850	-15.2	80	051 03
30	1005	-07.0	88	340 05	0069	-07.5	88	340 05	1333	-07.8	81	056 06	2820	-14.5	69	046 06
31	1006	-05.0	92	320 02	0078	-05.4	92	325 02	1337	-11.7	90	010 05	2822	-15.4	85	038 09
MN	1016	-14.8	78		152	-14.4	77		1389	-13.3	68	345 01	2853	-18.7	58	11 02

Day	500 MBS				400 MBS				300 MBS				200 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	5230	-38.9	A22	275 05	6730	-48.7	264 06	8595	-50.0	357 04	11311	-43.2	022 02			
02	5276	-39.4	A21	322 07	6777	-48.4	337 07	8656	-47.2	343 05	11387	-42.8	031 04			
03	5299	-35.1	A21	177 29	6787	-44.0		8699	-44.8		11438	-41.7				
04	5283	-39.2	53	066 18	6785	-47.6	054 18	8709	-41.6	039 15	11468	-40.4	010 04			
05	5287	-36.8	A22		6796	-47.7		8698	-45.6		11442	-40.5				
06	5244	-34.6	36	047 16	6780	-41.2	079 12	8689	-49.4	068 09	11414	-41.4	045 10			
07	5170	-35.4	54	052 14	6893	-44.9	062 14	8591	-47.1	062 12	11331	-41.0	045 07			
08	5134	-35.8	42	107 09	6876	-45.0	075 08	8564	-48.5	064 09	11294	-41.1	070 05			
09	5133	-36.0	56	058 05	6650	-46.0	058 08	8527	-50.0	059 11	11250	-41.2	068 04			
10	5172	-35.6	39	030 05	6695	-45.7	034 07	8580	-54.0	016 09	11278	-41.6	127 02			
11	5229	-34.9	30	239 02	6753	-45.6	056 01	8624	-55.4	025 05	11316	-42.1	228 04			
12	5283	-36.5	40	264 08	6794	-47.1	250 10	8671	-49.3	271 07	11380	-42.2	274 06			
13	5326	-33.9	71	267 18	6856	-44.3	266 19	8731	-54.3	266 21	11431	-42.7	286 07			
14	5305	-34.5	64	272 12	6830	-45.3	282 13	8707	-49.6	276 12	11426	-42.0	290 08			
15	5293	-36.1	67	306 08	6808	-47.4	296 09	8711	-44.0	310 09	11459	-41.2	305 06			
16	5358	-34.5	59	345 12	6884	-44.9	342 15	8771	-47.9	342 16	11489	-43.1	328 04			
17	5447	-31.1	A20	006 05	6995	-41.2	351 10	8891	-52.8	351 10	11570	-45.2	304 06			
18	5462	-29.7	38	285 06	7027	-39.4	308 12	8936	-53.0	290 10	11598	-44.8	273 09			
19	5387	-29.7	78	234 18	6940	-40.3	240 26	8866	-47.3		11591	-42.1				
20	5237	-35.9	76	215 06	6754	-44.8	216 07	8699	-39.7	239 06	11483	-39.5	280 04			
21	5286	-34.3	63	073 10	6816	-43.7	088 16	8747	-41.0	072 10	11524	-40.2	053 06			
22	5311	-28.6	37	107 12	6867	-41.2	108 12	8775	-47.0	088 15	11491	-42.2	086 09			
23	5430	-26.8	A19	045 14	7002	-38.2	A22	8921	-53.0	067 14	11574	-44.0	085 08			
24	5328	-32.1	48	024 13	6864	-43.0	018 18	8794	-43.4	027 15	11537	-43.6	034 14			
25	5301	-32.5	76	014 10	6837	-43.7	358 17	8759	-43.2	050 08	11519	-39.9	048 05			
26	5244	-34.2	62	179 13	6776	-43.5	190 16	8710	-40.9	175 11	11494	-39.2	142 06			
27	5334	-30.0	69	112 14	6886	-40.9	116 15	8795	-53.0	127 15	11518	-44.0	129 10			
28	5347	-29.2	68	088 12	6907	-40.4	082 12	8817	-49.6	081 16	11536	-41.8	098 10			
29	5323	-29.5	44	088 08	6881	-40.2	075 06	8791	-52.0	080 06	11518	-40.4	086 09			
30	5298	-29.6	75	031 11	6853	-41.2	055 12	8767	-48.2	039 15	11508	-40.8	077 07			
31	5289	-31.0	76	054 08	6839	-40.3	025 14	8751	-50.5	086 12	11481	-41.2	093 05			
MN	5291	-33.5	52	36 04	6824	-43.7	28 33 03	8727	-48.2	37 05	11453	-41.7	46 03			

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	gpm. (on Sta.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm. (on Sta.)	°C	%	deg. mps.
01	13253	-42.2	091 02	15996	-42.0	037 02	17505	-42.7	040 03	20673	-43.4	092 02				
02	13335	-41.8	090 02	16081	-42.7	228 04	17587	-42.1	239 03	20755	-44.7	245 01				
03	13382	-43.1		16111	-42.9		17614	-43.6		20765	-45.1					
04	13421	-42.2	040 05	16132	-43.2	055 03	17657	-44.4	040 03							

SUMMARY OF CONSTANT PRESSURE DATA

JUNE 1959

ISACHSEN, N.W.T.

00 GMT.

 STATION INSTRUMENTATION
 USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. 74074 LATITUDE 78°47'N LONGITUDE 103°32'W ELEVATION 30 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS				
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mpa.	
01	1008	-05.0	84	360 04	0092	-05.6	84	355 03	1350	-09.7	85	268 04	2836	-14.9	80	273 03	
02	1007	-05.4	84	360 08	0085	-06.0	85	002 08	1352	-04.9	53	325 02	2860	-11.2	28	186 05	
03	1007	-05.9	84	360 02	0085	-06.8	83	002 04	1359	-05.0	50	096 01	2861	-13.1	79	143 06	
04	1008	-04.6	88	360 11	0094	-04.5	85	016 09	1379	-02.8	73	113 03	2886	-14.2	75	135 09	
05	1014	-05.2	88	360 08	0139	-06.2	85	010 07	1428	-01.9	62	022 03	2944	-10.8	34	117 04	
06	1013	-05.4	88	360 04	0131	-06.2	84	008 06	1422	-01.7	26	358 06	2953	-06.5	31	092 04	
07	1010	-02.9	92	070 03	0109	-03.9	91	100 03	1397	-03.7	55	135 04	2925	-07.0	29	103 07	
08	1012	-02.6	92	072 05	0125	-03.4	91	094 06	1399	-06.8	78	150 09	2917	-10.6	52	140 09	
09	1013	-04.6	81	190 04	0132	-05.5	82	182 06	1396	-06.8	82	160 08	2889	-14.8	48	157 12	
10	1008	-02.7	92	090 03	0093	-03.5	90	098 03	1363	-09.5	87	155 07	2858	-11.7	80	152 14	
11	1005	00.2	88	110 05	0071	-00.2	88	113 05	1353	-08.5	86	133 08	2854	-11.8	A16	128 11	
12	1007	-01.2	90	180 03	0086	-01.9	89	181 04	1367	-05.9	61	170 05	2872	-10.7	A16	150 12	
13	1010	-00.1	96	220 03	0110	-00.8	95	218 04	1392	-06.8	87	196 06	2895	-10.8	78	176 06	
14	1015	000.4	85	000 00	0150	-00.8	86	000 00	1428	-09.3	88	140 05	2920	-11.1	29	148 05	
15	1018	000.8	85	315 02	0174	-00.5	80	315 02	1457	-08.5	70	071 04	2961	-10.6	31	106 04	
16	1027	001.1	89	350 03	0244	-00.3	81	D44 02	1532	-07.4	78	000 00	3051	-09.6	39	280 02	
17	1027	001.2	92	030 03	0244	-00.2	88	060 05	1532	-07.2	86	041 06	3052	-09.0	51	310 08	
18	1026	-00.8	92	320 02	0235	-02.2	72	329 05	1527	-03.0	77	329 08	3057	-07.9	64	310 14	
19	1021	-00.6	92	300 08	0197	-01.4	92	310 09	1485	-04.5	94	329 09	3000	-10.6	48	318 12	
20	1017	00.0	96	290 00	0165	-01.1	95	295 07	1454	-03.4	83	315 10	2967	-10.1	89	315 22	
21	1013	-00.7	88	340 10	0134	-01.5	88	346 11	1417	-07.4	64	007 11	2916	-13.2	34	010 08	
22	1008	00.6	96	330 07	0094	00.0	96	334 08	1382	-03.1	94	352 12	2902	-10.4	66	011 23	
23	1004	00.2	94	200 03	0043	00.1	92	196 03	1353	-02.7	87	115 03	2874	-08.4	51	360 10	
24	1013	001.8	92	000 00	0135	00.1	92	000 00	1425	-05.0	90	070 02	2928	-12.6	80	024 08	
25	1023	002.4	86	290 03	0213	00.0	81	258 03	1496	-05.9	69	306 02	3004	-11.9	31	360 06	
26	1026	000.8	92	230 05	0236	-01.0	96	238 06	1543	-01.1	83	331 05	3071	-07.1	88	309 05	
27	1027	003.1	86	340 05	0245	00.2	65	335 07	1564	00.1	60	356 05	3106	-07.6	81	017 06	
28	1023	006.1	76	340 07	0216	00.4	62	332 05	1533	00.0	45	119 01	3107	-07.4	70	111 08	
29	1018	003.8	82	310 04	0175	00.1	79	304 05	1489	00.1	76	314 07	3032	-04.8	30	278 07	
30	1013	005.0	79	230 05	0135	003.9	78	265 05	1462	00.0	27	310 05	3011	-06.5	67	349 08	
MN	1015	-00.6	88			-01.6	85		1435	-04.6	72	3	01	2949	-10.2	53	41 01

Day	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mpa.
01	5300	-30.8	68	002 05	6848	-41.5	031 07	8750	-50.5	075 02	11467	-41.8	125 02			
02	5368	-28.1	29	172 12	6926	-40.0	32 194 22	8832	-51.7	179 23	11529	-43.5	174 11			
03	5368	-26.4	81	150 12	6946	-37.4	40 153 24	8878	-48.4	153 35	11598	-43.0				
04	5398	-25.0	28	140 13	6986	-34.8	A21 145 22	8945	-47.1	159 31	11646	-49.1	144 04			
05	5478	-23.2	23	134 10	7071	-35.1	A20 151 17	9018	-48.9	155 19	11700	-51.2	160 09			
06	5511	-20.4	A17 131 10	7124	-32.0	A20 165 15	9092	-47.6	110 30	11652	-48.6	109 10				
07	5484	-21.9	A18 114 12	7086	-33.3	A20 111 19	9041	-48.6		11650	-44.3					
08	5439	-26.8	34 130 22	7030	-35.3	A21 125 33	8977	-48.8		11606	-40.4	154 15				
09	5365	-30.0	36 155 17	6915	-42.5	A22 161 20	8855	-43.0		11574	-41.9					
10	5367	-27.2	77 160 23	6934	-40.0	67	8851	-48.1		11610	-42.9					
11	5363	-25.8	A19 125 28	6944	-36.6	A22	8886	-47.5		11614	-42.2					
12	5394	-25.3	31 148 20	6977	-36.2	A21 147 24	8919	-48.7		11612	-42.4	000 00				
13	5410	-25.6	A19 160 09	6992	-37.0	A22 155 07	8918	-51.5	117 06	11612	-42.4	000 00				
14	5422	-27.5	29 136 05	6984	-40.7	7	8899	-49.9	147 06	11614	-42.1	000 00				
15	5469	-27.8	30 066 03	7038	-39.2	A22 134 07	8951	-50.5	060 06	11662	-41.6	018 04				
16	5573	-24.4	30 028 03	7173	-33.8	63 040 07	9128	-48.5	040 11	11777	-45.3	292 02				
17	5602	-21.3	A18 320 19	7214	-32.7	32 331 16	9176	-47.8	519 18	11802	-47.5	281 11				
18	5615	-20.5	A18 310 17	7223	-33.1	31 307 19	9176	-49.8	307 21	11779	-43.4	321 06				
19	5650	-18.6	28 313 27	7159	-33.8	58 320 28	9109	-48.5		11731	-42.1					
20	5484	-26.0	68 333 07	7073	-34.7	63	9029	-47.4		11691	-40.5					
21	5404	-30.0	A20 005 16	6986	-34.5	30	8938	-44.2		11695	-40.5					
22	5423	-23.7	67	7020	-33.8	A21	8975	-48.6		11664	-40.5					
23	5405	-25.9	40 352 17	6995	-34.8	60 350 35	8947	-48.9		11676	-40.2					
24	5424	-27.0	30 009 19	6997	-38.0	33	8931	-44.9		11725	-42.9					
25	5511	-26.9	29 012 20	7088	-37.4	37 013 27	9014	-50.1	040 14	11808	-44.7	188 03				
26	5616	-24.0	76 033 10	7203	-36.6	61 038 15	9131	-49.0	057 03	11823	-46.9	200 04				
27	5647	-23.9	68 037 03	7240	-35.1	38 035 04	9182	-49.6	187 22	11822	-46.5	204 10				
28	5622	-21.9	43 180 16	7228	-33.5	34 179 21	9177	-49.7	225 12	11795	-45.6	292 08				
29	5592	-21.9	A18 244 08	7193	-34.6	35 240 13	9133	-50.9	302 05	11789	-45.7	253 06				
30	5573	-22.3	A18 274 04	7173	-34.0	A21 271 05	9125	-48.8								
MN	5473	-25.0	37 110 03	7059	-36.1	35 122 04	9000	-48.6		11684	-44.0					

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mpa.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mpa.
01	13417	-41.1	155	05	16175	-40.9	151 06	17690	-40.4	135 03	20885					
02	13471	-41.6	174	10	16227	-40.9	183 07	17744	-41.3	167 03	20933	-41.3	160 04			
03	13493	-42.4	155	08	16224	-42.6		17736	-42.0		20926	-42.0				
04	13534	-44.8			16255	-41.9		17782	-41.8		20980	-40.2				
05	13553	-45.3	144	06	16271	-43.7	108 02	17775	-41.9	069 03	20968	-40.6	084 06			
06	13603	-45.6	138	05	16316	-43.6	145 03	17818	-42.7	136 02	21008	-40.7	088 03			
07	13559	-45.5	078 03	16266	-44.3	145 05	17768	-43.9	020 03	20952	-40.9	100 04				
08	13584	-43.8		16314	-42.9		17826	-41.1		21020	-41.4					
09	13565	-42.3	154	04	16306	-42.0	155 03	17826	-40.4	128 03	21031	-40.6	360 02			
10	13526	-41.9		16272	-42.1		17792	-39.9		21012	-38.9					
11	13554	-42.5		16302	-41.3		17823	-40.2		21038	-39.8					
12	13557	-42.8		16304	-41.9		17822	-40.3		21029	-39.8					
13	13560	-42.8	000 00	16306	-41.6	023 02	17826	-39.8	020 02	21024	-39.7	082 03				
14	13564	-41.8	000 00	16309	-42.1	000 00	17821	-41.3	000 00	21045	-38.7	084 03				
15	13508	-42.5	336 03	16256	-41.4	020 02	17875	-40.0	034 01	21089	-40.8	090 03				
16	13709	-43.0	280 03	16448	-42.0	275 02	17963	-41.3	008 02	21167	-40.1	000 00				
17	13755	-44.5	287 07	16476	-42.8	299 03	17980	-43.0	297 03	21170	-40.					

SUMMARY OF CONSTANT PRESSURE DATA

JUNE 1959

ISACHSEN, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74074 78°47'N 103°32'W 30 METERS

ST #	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.
	01	1008	-07.2	84	330 04	0092	-07.8	84	331 04	1351	-07.0	67	254 03	2853	-13.2	45	228 04
02	1006	-07.4	84	360 05	0077	-07.7	83	360 05	1352	-04.6	47	120 01	2860	-13.6	61	168 09
03	1007	-05.9	84	350 05	0085	-05.9	82	355 06	1360	-05.8	58	016 03	2868	-12.1	88	136 08
04	1011	-05.5	88	360 05	0116	-06.0	84	010 05	1402	-03.7	64	085 03	2909	-12.6	45	117 08
05	1014	-06.1	88	360 05	0139	-07.0	87	004 05	1430	-01.6	47	016 05	2951	-08.1	25	084 04
06	1011	-05.5	88	020 05	0116	-06.4	84	030 04	1402	-01.2	42	106 03	2938	-05.9	42	118 05
07	1012	-08.1	84	360 03	0123	-05.7	82	027 03	1404	-05.2	62	131 09	2925	-08.4	A15	120 12
08	1010	-01.4	92	130 06	0110	-01.9	92	135 07	1389	-06.8	94	142 13	2892	-13.8	86	129 11
09	1013	-04.8	92	150 05	0132	-05.7	91	152 05	1395	-07.8	84	154 10	2888	-14.3	73	153 10
10	1005	-01.7	96	120 05	0071	-01.8	95	090 05	1350	-08.5	87	103 05	2849	-11.6	84	130 12
11	1005	-03.9	88	120 05	0070	-04.5	88	121 06	1346	-06.6	58	140 05	2850	-12.2	25	123 09
12	1009	-02.3	92	210 05	0101	-02.9	91	209 05	1379	-06.6	77	196 05	2889	-09.8	A15	176 10
13	1013	-01.7	96	000 00	0133	-02.4	94	193 01	1409	-08.1	84	174 05	2903	-11.6	72	170 06
14	1018	-01.1	90	090 03	0172	-02.2	87	100 03	1449	-08.6	80	102 04	2941	-11.0	27	115 05
15	1023	-01.1	80	340 02	0211	-01.2	82	357 03	1496	-08.4	79	018 02	3007	-09.9	31	158 03
16	1028	000.3	85	110 05	0251	000.5	79	108 06	1540	-05.0	46	133 02	3063	-08.9	29	073 03
17	1027	000.9	92	310 02	0243	-01.1	90	231 01	1532	-01.1	51	347 04	3065	-06.3	33	322 06
18	1023	-01.7	88	300 07	0210	-02.4	90	325 08	1499	-03.7	89	327 19	3021	-07.4	59	311 12
19	1020	-00.9	96	320 07	0188	-01.9	93	318 08	1474	-03.9	89	327 15	2994	-11.3	85	
20	1014	-00.6	96	300 05	0142	-01.2	95	315 07	1427	-05.5	92	338 12	2927	-11.8	84	320 19
21	1013	-00.7	96	360 10	0126	-01.6	95	350 12	1400	-09.1	91	352 11	2891	-13.7	88	360 16
22	1003	-00.1	96	290 02	0055	-00.4	95	295 02	1343	-02.6	91	356 08	2865	-08.3	84	355 14
23	1009	001.1	96	230 02	0102	-00.2	95	223 02	1393	-03.8	89	004 04	2905	-11.8	69	360 08
24	1019	001.1	96	360 06	0182	000.1	95	035 03	1519	-03.6	91	208 02	2964	-11.7	36	009 08
25	1025	000.2	88	220 05	0227	-00.8	88	226 06	1519	-03.5	84	315 02	3040	-09.2	29	011 05
26	1027	000.7	88	230 03	0245	003.0	86	323 03	1560	-00.5	79	355 06	3092	-06.9	88	032 07
27	1026	002.1	89	340 05	0237	003.0	80	354 05	1557	002.4	60	014 03	3103	-06.8	68	058 04
28	1021	002.9	82	300 05	0198	003.3	76	307 07	1511	000.4	61	308 05	3048	-06.1	57	272 03
29	1015	-00.8	96	360 05	0149	-01.7	90	001 05	1463	001.4	30	013 04	3009	-05.7	59	323 07
30	1010	003.2	85	320 02	0111	002.8	82	324 03	1447	006.2	33	340 09	3006	-05.0	72	340 07
MN	1015	-01.9	90		147	-02.3	88		1435	-04.2	69	7 02	2951	-10.0	56	59 02

ST #	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.
	01	5340	-29.2	A19	215 12	6900	-41.4		204 15	8801	-50.7		192 09	11511	-41.5		160 05
02	5364	-26.0	69	166 12	6944	-37.2	71	166 25	8884	-47.3		168 28	11557	-44.9		168 13
03	5373	-25.8	47	155 13	6954	-37.2	36	147 22	8891	-49.8		152 41	11560	-44.9		135 11
04	5425	-24.1	A18	135 17	7017	-35.4	52	133 17	8966	-48.1		153 25	11611	-47.1		124 08
05	5503	-22.5	34	119 10	7111	-33.7	42	142 14	9069	-48.0		159 22	11687	-49.8		151 07
06	5494	-19.9	A17	130 13	7109	-32.6	29	117 13	9074	-47.3		123 13	11678	-50.9		125 07
07	5474	-22.2	A18	114 19	7082	-34.0	A21	110 26	9041	-48.1			11678	-48.5		
08	5384	-25.8	33	132 29	6966	-37.0	A22		8898	-49.2			11602	-42.4		
09	5375	-28.6	72	178 26	6934	-40.1		179 26	8843	-47.8			11576	-40.9		
10	5353	-27.0	37	131 22	6925	-38.3	36	141 33	8857	-47.3			11592	-40.4		
11	5352	-25.9	A19	133 26	6936	-38.3	A21		8894	-47.6			11589	-42.7		
12	5415	-24.9	A18	168 15	7003	-36.1	30	155 16	8937	-50.4		137 18	11611	-43.0		000 00
13	5405	-27.2	41	154 08	6970	-39.5	A22	146 08	8884	-50.6		136 07	11592	-43.0		030 02
14	5443	-27.4	34	124 06	7010	-39.5	34	135 05	8922	-50.3		104 03	11634	-42.6		066 03
15	5516	-26.1	A19	058 05	7099	-35.8	A21	057 09	9032	-51.2		048 11	11709	-42.9		040 04
16	5603	-22.6	29	155 01	7205	-33.6	46	026 11	9158	-49.6		030 25	11825	-44.8		270 05
17	5636	-20.2	40	315 13	7250	-32.9	56	318 15	9206	-49.2		323 19	11840	-46.0		315 08
18	5569	-21.9	66	318 15	7172	-34.0	38	314 20	9131	-48.2			11769	-46.9		
19	5509	-24.6	62	318 15	7101	-34.6	59		9059	-47.3			11742	-42.6		
20	5431	-25.0	A18		7026	-34.5	68		8982	-47.8			11713	-41.1		
21	5390	-28.3	69	009 19	6949	-40.1		011 15	8901	-41.2			11669	-42.3		
22	5414	-24.0	68	002 30	7015	-33.5	56		8972	-47.6			11687	-41.1		
23	5428	-25.5	34	360 19	7013	-35.8	63	360 37	8958	-49.0			11666	-42.6		
24	5468	-27.0	29	010 18	7039	-38.4	A22	012 27	8963	-48.3			11772	-44.8		000 00
25	5574	-24.8	42	031 12	7163	-36.6	48	031 16	9093	-50.8		021 22	11772	-44.8		000 00
26	5636	-23.3	72	012 07	7228	-35.7	62	017 09	9169	-49.9		040 10	11824	-46.2		188 03
27	5656	-22.7	42	130 04	7257	-33.8	A21	181 07	9210	-49.2		199 08	11842	-46.5		183 05
28	5614	-21.3	A18	280 13	7220	-33.6	A21	220 17	9174	-46.5		218 23	11837	-45.3		212 06
29	5565	-22.8	A18	284 08	7163	-35.3	A21	272 08	9105	-50.8		270 07	11762	-46.5		243 04
30	5599	-22.3	67	318 05	7166	-32.8	55	333 02	9129	-47.5		015 04	11790	-44.8		238 05
MN	5476	-24.6	39	105 04	7064	-35.9	40	127 04	9007	-48.6			11688	-44.3		

ST #	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.
	01	13465	-41.2	161	06	16232	-40.4	159	08	17754	-40.1	141	05	20953	-40.7		106 05
02	13489	-42.8	163	10	16238	-41.5	125	04	17739	-42.6	100	04	20927	-41.2		093 06
03	13494	-43.7	107	03	16224	-42.4	104	09	17736	-41.8			20924	-41.8		
04	13523	-44.8	126	05	16246	-44.0	107	06	17754	-41.7	103	05	20940	-41.9		078 07
05	13589	-46.0	159	05	16303	-43.0	099	04	17806	-42.6	102	04	20959	-40.3		031 02
06	13577	-46.4	131	09	16278	-44.1	112	03	17782	-42.4	114	02	20973	-40.3		108 04
07	13598	-44.2			16314	-44.2			17823	-42.1			21020	-40.5		
08	13546	-42.0			16277	-42.8			17789	-40.0			20997	-40.0		
09	13534	-41.3			16282	-41.8			17801	-40.3			21024	-40.8		
10	13545	-41.8			16297	-41.6			17815	-40.7			21027	-39.3		
11	13538	-42.7			16280	-41.9			17799	-39.7			21000	-40.5		
12	13558	-41.8	126	01	16309	-41.0	033	02	17833</							

SUMMARY OF CONSTANT PRESSURE DATA

JANUARY 1959

MOULD BAY, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74072 76°14'N 119°20'W 20 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS						
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.			
01	1013	-42.9		320 07	0108	-41.5		318 07	1227	-35.8		61 325 11	2863	-40.7		313 13			
02	1024	-38.3		66 220 07	0183	-39.7		66 236 08	1320	-30.7		67 295 12	2685	-34.9		67 306 16			
03	1028	-36.8		67 040 08	0215	-33.7		67 045 09	1340	-36.3		69 068 07	2684	-36.9		62 068 08			
04	1044	-41.2		000 00	0319	-33.7		47 070 03	1481	-26.0		45 080 03	2883	-27.7		30 170 06			
05	1038	-29.1		73 045 05	0286	-27.2		63 055 13	1489	-16.5		66 078 16	2943	-20.2		64 089 22			
06																			
07	1039	-33.6		76 040 08	0288	-31.0		65 050 11	1498	-16.0		48 070 20	2947	-20.5	A17				
08	1041	-31.6		72 040 01	0312	-19.8		60 044 04	1547	-14.9		30 060 09	2992	-23.9		29 076 15			
09	1037	-34.1		72 045 02	0279	-26.0		70 360 02	1496	-15.3		34 030 03	2947	-22.6	A18	325 04			
10	1036	-33.8		90 360 03	0275	-19.2		67 345 04	1509	-14.1		A16 031 08	2954	-23.6	A18	036 10			
11	1039	-23.2		78 360 02	0303	-17.8		40 092 06	1540	-12.6		A16 046 19	2998	-21.1	A18				
12	1030	-24.9		82 340 10	0238	-17.6		74 359 16	1462	-16.0		60 015 22	2905	-23.3		46			
13	1021	-24.1		78 330 10	0171	-24.7		75 340 11	1386	-13.5		69 360 20	2838	-21.9		76			
14	1029	-28.0		73 330 05	0225	-28.3		74 342 09	1424	-18.9		76 005 13	2857	-20.5		59 344 18			
15	1035	-35.3		72 360 03	0264	-26.1		69 358 06	1462	-17.6		A17 355 07	2908	-22.2	A18	023 09			
16	1033	-35.9		71 000 00	0254	-23.7		66 000 00	1439	-19.9		64 086 06	2869	-24.1		32 090 09			
17	1032	-36.8		67 000 00	0247	-27.6		67 000 00	1391	-20.0		77 160 05	2829	-22.3		84 170 15			
18	1025	-31.3		72 000 00	0196	-26.3		67 000 00	1371	-20.6		73 348 17	2799	-23.4		64 343 22			
19	1024	-35.2		68 340 09	0186	-31.9		68 342 09	1384	-21.5		72 014 22	2809	-30.0		68 015 27			
20	1025	-36.0		60 330 04	0192	-31.3		65 351 08	1440	-17.0		81 034 10	2875	-23.2		64 042 08			
21	1031	-29.1		73 340 21	0241	-22.8		72	1448	-19.7		75	2879	-23.3		74			
22	1028	-31.7		65 340 17	0215	-31.0		70 360 16	1404	-23.0		72 014 22	2809	-30.0		68 015 27			
23	1029	-27.6		77 360 05	0227	-24.0		67 008 05	1440	-17.0		81 034 10	2875	-23.2		64 042 08			
24	1026	-28.1		77 320 07	0204	-25.4		58 338 09	1408	-18.8		43 352 12	2842	-21.7		59 358 19			
25	1018	-28.1		77 320 11	0149	-27.7		77	1356	-15.9		71	2807	-21.3		72			
26	1013	-25.2		74 340 08	0114	-23.5		74 350 08	1331	-14.2		66 022 11	2793	-19.1		40			
27	1022	-31.0		68 360 09	0175	-28.9		71 003 09	1371	-18.2		56 025 13	2811	-22.1		36			
28	1021	-31.5		72 360 14	0167	-29.9		73 005 15	1356	-19.9		77 018 22	2797	-22.4		62			
29	1023	-29.9		77 340 05	0185	-22.8		75 328 06	1400	-15.4		37 328 12	2853	-20.8		46 335 18			
30	1018	-27.7		77 150 07	0150	-21.8		60 186 09	1379	-13.7		35 268 22	2849	-16.8	A17	284 21			
31	1010	-28.0		73 000 00	0092	-27.6		68 000 00	1289	-11.7		33 307 05	2764	-18.3	A17	288 09			
MN	1028	-31.6		73		215	-27.1	66		1414	-19.1	54	18	10	2847	-23.8	43	358	08

Day	500 MBS				400 MBS				300 MBS				200 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	4805	-50.1		316 17	6253	-52.5		308 13	8116	-52.2		313 07	10734	-54.8		283 07
02	4982	-47.7		304 21	6432	-54.0		309 36	8294	-59.0		311 35	10814	-57.1		
03	4956	-47.6		065 07	6417	-51.4		049 05	8272	-53.9		345 02	10874	-55.8		330 04
04	5242	-40.0		44 200 21	6734	-48.2		193 38	8582	-57.9		190 40	11106	-62.2		
05	5381	-31.0		67	6927	-42.1			8826	-53.2			11321	-71.8		
06																
07	5376	-32.6		A20	6925	-41.4			8823	-53.5			11323	-69.2		
08	5358	-38.2		A22 101 05	6864	-47.0		247 03	8723	-57.5		281 03	11262	-60.0		008 08
09	5329	-39.6		A22 335 03	6824	-49.0		320 03	8679	-56.4		306 03	11242	-56.9		346 05
10	5343	-38.3		A22 094 10	6847	-48.1		041 09	8698	-57.7		024 09	11264	-55.6		323 08
11	5404	-37.0		A22	6924	-45.4			8792	-55.7			11332	-59.1		
12	5303	-36.0		38	6822	-45.3			8706	-54.9			11297	-59.0		
13	5258	-34.5		65	6785	-45.6			8642	-59.1			11190	-57.1		
14	5268	-37.5		42	6784	-45.8			8658	-54.8			11221	-56.2		
15	5307	-36.3		50 355 29	6794	-45.0			8692	-57.9			11261	-53.2		
16	5313	-35.2		42 039 09	6838	-44.8		022 31	8707	-57.8		020 13	11267	-53.5		295 08
17	5263	-36.5		48 051 17	6781	-45.3		045 19	8656	-54.6		057 16	11230	-56.9		239 04
18	5222	-38.9		71 166 16	6725	-47.4		172 17	8587	-55.5		175 16	11171	-53.9		267 09
19	5203	-36.0		40	6726	-43.8			8629	-51.2			11256	-51.9		
20	5248	-33.9		A21 040 24	6796	-40.8			8700	-54.2			11310	-49.5		
21	5280	-36.8		68	6791	-47.6			8667	-51.7			11299	-51.7		
22	5154	-39.8		47	6662	-46.5			8564	-48.0			11219	-51.8		
23	5269	-37.1		A22 041 15	6783	-45.9		041 23	8659	-55.9			11222	-56.9		
24	5245	-33.6		A21 008 20	6776	-44.5		019 33	8651	-44.9		026 30	11185	-61.9		
25	5223	-34.6		70	6746	-45.5			8609	-56.7			11158	-62.2		
26	5234	-32.9		A20 020 29	6770	-44.1		020 29	8643	-57.7		017 32	11124	-66.9		
27	5237	-33.6		A21	6769	-45.0			8635	-58.7			11177	-68.2		
28	5208	-35.4		58	6728	-45.8			8595	-57.8			11076	-66.3		
29	5286	-33.9		A21 354 27	6814	-45.2		349 31	8681	-57.9			11411	-69.8		
30	5284	-36.0		31	6797	-47.0			8655	-58.6			11122	-68.4		
31	5188	-36.1		30 286 16	6700	-47.2		281 19	8555	-58.9		263 20	11049	-64.2		288 21
MN	5239	-37.2		38	6752	-46.2			8622	-55.7			11172	-59.2		

Day	150 MBS				100 MBS				80 MBS				50 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. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12558	-58.4		297 16	15092	-62.2		282 30	16462	-64.9			19293	-70.4		
02	12621	-61.0			15128	-64.6										
03	12692	-59.1		310 07	15199	-65.6		332 09	16549	-67.7		317 12	19345	-73.1		323 15
04	12879	-63.2			15354											
05	13046	-69.6			15454	-71.4			16768	-73.0						
06																
07	13057	-65.5			15502	-69.2			16828	-71.5			19574	-76.1		
08	13048	-62.2		360 07	15532	-63.7		355 13	16882	-67.8		355 16	19680	-72.2		347 21
09	13060	-58.8		344 09	15985	-62.5		342 15	16955	-64.6		342 20	19796	-69.1		332 21
10	13094	-57.7		334 12	15630	-61.0		326 17	17012	-62.9		318 15	19684			
11	13195	-58.6			15680	-59.5			17058	-62.2			19935	-68.0		
12	13147	-54.1			15730	-58.9			17124	-61.0			20020			
13	13013	-58.8			15561	-58.4			16965	-58.4			19920	-59.6		
14	13037	-56.6			15643	-53.3			17083	-54.6			20074	-56.2		
15	13124	-52.5			15746	-51.5			17195	-51.9			20192	-59.6		
16	13120	-53.0		298 20	15736	-52.6		282 23	17177	-53.0		285 29	20213	-51.7		296 45
17	13058	-55.6		280 13	15640	-55.9		284 22	17070	-53.2		286 34	20130	-50.7		297 48

SUMMARY OF CONSTANT PRESSURE DATA

JANUARY 1959

MOULD BAY, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74072 76°14'N 119°20'W 20 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.
01	1024	-42.3		290 07	0181	-41.8		296 09	1312	-38.7		70 325 14	2663	-38.5		67 323 21
02	1020	-34.6		68 230 03	0197	-35.8		65 223 04	1280	-36.1		62 210 08	2630	-36.4		65 239 11
03	1039	-38.3		66 300 04	0284	-36.6		66 566 05	1425	-30.8		53 646 46	2798	-33.9		42 071 06
04	1042	-35.2		90 360 05	0308	-31.2		56 094 09	1491	-21.7		41 079 07	2177	-24.3		68 112 06
05	1032	-26.0		77 040 12	0248	-26.8		50 1457	1457	-14.8		68 1457	2924	-17.2		64 2924
06	1039	-33.8		64 070 07	0291	-36.6		66 053 14	1495	-16.5		A17 046 21	2952	-19.2		36 2952
07	1040	-30.5		69 000 00	0301	-23.3		53 000 00	1528	-16.8		A17 065 19	2961	-25.5		A19 2961
08	1040	-30.8		68 340 01	0303	-20.7		59 025 07	1532	-15.1		27 358 05	2980	-23.3		A18 310 08
09	1036	-35.8		60 000 00	0270	-25.0		62 000 00	1489	-15.5		25 051 09	2932	-23.9		A18 052 07
10	1036	-31.1		68 340 03	0271	-26.5		73 017 08	1511	-12.2		A16 035 13	2968	-21.9		A18 027 14
11	1039	-24.3		74 360 04	0307	-16.0		27 026 07	1529	-17.2		A17 023 15	2968	-23.3		A18 018 21
12	1026	-27.2		77 320 05	0205	-24.0		70 350 08	1430	-18.3		26 029 18	2866	-23.3		A18 094 20
13	1023	-25.6		74 320 05	0185	-26.2		74 330 06	1398	-14.5		61 012 18	2851	-21.1		25 2851
14	1029	-33.1		76 360 02	0249	-28.1		71 357 07	1433	-20.2		59 005 11	2872	-23.5		A18 353 20
15	1035	-37.4		27 000 00	0266	-24.7		50 000 00	1477	-18.1		A17 338 09	2934	-22.8		A18 353 12
16	1033	-34.3		64 000 00	0246	-22.7		79 656 05	1453	-20.0		68 646 66	2886	-22.7		A18 095 08
17	1030	-34.1		51 000 00	0230	-21.5		64 000 00	1415	-20.6		51 156 08	2844	-22.7		69 155 13
18	1022	-29.8		62 330 02	0175	-28.2		67 334 04	1364	-20.5		71 305 01	2793	-24.2		81 183 11
19	1027	-37.8		66 320 09	0205	-31.1		62 336 11	1395	-19.8		42 004 17	2834	-21.4		A18 357 20
20	1029	-28.0		73 330 15	0196	-27.8		74 340 17	1404	-17.2		76 76	2851	-18.9		67 2851
21	1030	-30.0		73 340 16	0230	-26.0		70 004 17	1425	-22.6		66 004 17	2835	-28.0		67 2835
22	1027	-30.9		72 360 08	0209	-31.5		71 015 10	1396	-17.4		79 044 10	2829	-26.0		74 346 05
23	1033	-26.7		77 340 08	0236	-21.6		76 360 09	1453	-15.7		76 007 03	2900	-22.8		69 032 12
24	1020	-30.1		73 340 20	0162	-24.9		75 340 20	1357	-21.1		81 340 20	2787	-23.7		75 2787
25	1006	-22.9		78 340 05	0064	-23.1		78 322 06	1273	-13.8		80 334 13	2733	-19.2		41 335 14
26	1017	-24.6		78 320 03	0142	-25.0		78 323 05	1348	-15.3		84 349 13	2819	-18.1		35 353 16
27	1029	-33.8		72 330 11	0182	-25.9		76 344 12	1378	-21.6		69 357 19	2799	-24.7		51 2799
28	1025	-33.9		72 340 02	0195	-25.3		67 341 07	1398	-18.1		93 357 12	2838	-22.0		48 356 16
29	1022	-27.4		73 320 02	0178	-25.7		70 309 07	1398	-17.9		34 324 15	2867	-17.4		32 315 16
30	1012	-25.1		78 090 02	0106	-25.7		77 148 04	1553	-10.7		33 256 19	2807	-19.3		35 2807
31	1013	-33.3		72 360 10	0112	-28.9		68 007 11	1294	-22.5		75 017 14	2709	-26.4		69 352 06
MN	1028	-31.2		70 340 05	216	-26.9		66 340 05	1415	-19.1		52 11 09	2849	-23.8		44 5 08

Day	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.
01	4924	-48.2			4374	-53.5			8205	-55.7			10784	-56.0		
02	4914	-47.0		259 11	4375	-51.2		270 11	8225	-54.4		294 10	10817	-55.9		314 08
03	5108	-43.8		132 05	4584	-50.7		152 07	8434	-56.0		178 11	11009	-57.7		182 04
04	5324	-34.4		75 194 15	6858	-43.6		191 19	8735	-36.8		193 27	11222	-65.5		186 22
05	5385	-30.7		56 6938	5385	-39.4		48 6938	8845	-54.0			11346	-70.8		
06	5400	-31.8		31 6950	5400	-40.0		48 6950	8844	-56.4			11344	-68.9		
07	5351	-37.2		A22 6862	5351	-46.5		48 6862	8727	-57.2			11242	-62.6		
08	5348	-40.8		012 03	6840	-49.0		335 04	8688	-58.1		245 04	11222	-60.2		356 05
09	5308	-40.4		053 08	6796	-49.4		053 08	8646	-57.3		033 05	11205	-57.1		347 08
10	5364	-38.0		A22 038 17	6868	-48.4		040 27	8716	-58.2		042 25	11277	-57.1		020 29
11	5371	-35.4		34 6894	5371	-44.8			8766	-57.2			11302	-55.1		
12	5280	-34.6		38 6804	5280	-45.5			8664	-57.0			11236	-54.4		
13	5281	-33.5		58 6812	5281	-45.6			8681	-57.3			11206	-59.9		
14	5279	-35.8		A21 357 30	6801	-45.1		360 24	8671	-55.8			11238	-54.0		
15	5318	-39.1		30 350 07	6841	-45.6		357 17	8704	-58.8			11272	-54.0		
16	5281	-36.3		57 060 10	6799	-46.0		064 09	8658	-59.5		045 08	11200	-56.7		315 13
17	5236	-38.2		75 173 23	6738	-49.1			8599	-55.8			11165	-57.7		275 07
18	5179	-37.8		65 176 18	6689	-47.0		180 21	8565	-52.7			11194	-51.7		
19	5258	-34.7		A21 6788	5258	-41.5			8693	-52.7			11320	-50.3		
20	5308	-29.6		69 6867	5308	-40.8			8763	-53.2			11367	-49.8		
21	5217	-35.6		38 6737	5217	-45.5			8619	-51.0			11266	-51.0		
22	5212	-35.8		65 041 16	6735	-45.0		032 24	8621	-54.7		040 21	11217	-53.9		
23	5231	-32.2		38 041 23	6859	-43.3		047 29	8745	-55.8		035 56	11258	-61.2		
24	5207	-34.7		63 6738	5207	-43.5			8621	-55.8			11130	-61.8		
25	5154	-34.7		48 6682	5154	-43.9			8576	-48.0			11108	-62.7		
26	5264	-33.1		360 21	6796	-44.7		003 27	8669	-56.8		004 27	11154	-67.3		
27	5201	-36.1		43 6716	5201	-46.2			8573	-58.2			11063	-69.3		
28	5253	-34.5		002 19	6784	-44.7		360 32	8694	-58.0			11117	-68.1		
29	5307	-33.7		38 6836	5307	-45.2			8698	-58.9			11184	-59.4		
30	5243	-34.3		A21 6771	5243	-44.9			8643	-57.4			11121	-67.0		
31	5078	-40.1		349 16	6565	-50.1		334 14	8421	-56.3		292 16	10970	-59.8		303 17
MN	5248	-36.4		45 6764	5248	-45.8		35 6764	8634	-56.2			11179	-59.4		

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.
01	12601	-58.8			15124	-62.8			16492	-65.4			19318	-73.0		
02	12640	-58.2		308 10	15159	-63.8		320 08	16518	-66.8		321 10	19319	-73.0		319 20
03	12817	-59.8		290 05	15315	-66.7		306 05	16659	-68.7		318 09	19447	-72.8		
04	12978	-65.0		207 11	15424	-69.4		239 04	16751	-72.2		263 03	19504	-75.2		339 10
05	13049	-70.1			15459	-71.6			16772	-73.0			19508	-76.1		
06	13067	-68.2			15488	-71.4										
07	13005	-64.7			15468	-66.6										
08	13010	-62.1		342 08	15494	-65.8		339 12	16844	-67.5		341 14	19650	-71.2		340 23
09	13026	-58.1		330 10	15594	-62.5		336 14	16926	-64.1		327 18	19784	-74.0		
10	13096	-59.1		009 93	15626	-61.0			17008	-62.9						
11	13128	-59.7			15668	-58.5			17034	-64.2			19897	-69.4		
12	13078	-54.6			15636	-61.1			17021	-61.8			19887	-68.5		
13	13019	-56.6			15599	-54.0			17025	-56.2			19995	-56.6		
14	13082	-53.3			15695	-53.1			17127							

SUMMARY OF CONSTANT PRESSURE DATA

FEBRUARY 1959

MOULD BAY, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	1021	-35.9	60	320 08	0164	-35.1	66	331 09	1331	-25.6	70	354 18	2726	-30.3	62	350 20
02	1016	-35.3	72	320 08	0130	-34.6	69	323 09	1297	-25.6	75	017 16	2693	-29.4	63	011 23
03	1005	-32.7	72	320 14	0055	-32.2	72		1242	-22.0	65		2663	-25.0	71	
04	1017	-32.5	76	350 08	0139	-31.9	75	356 08	1332	-17.6	56	016 27	2782	-21.6	65	
05	1022	-27.6	77	340 09	0178	-25.5	78	357 09	1383	-16.1	63	020 24	2824	-22.9	56	
06	1017	-27.8	86	000 00	0141	-26.7	70		1359	-12.3	26		2818	-27.6	59	
07	1016	-33.5	72	320 09	0131	-31.8	71	324 10	1306	-23.7	72	341 24	2716	-29.1	64	330 12
08	1020	-35.3	72	300 01	0158	-32.8	65	295 04	1331	-26.1	66	317 12	2725	-29.7	71	325 16
09	1019	-36.7	71	000 00	0151	-34.0	60	000 00	1312	-28.0	71	319 08	2698	-30.8	73	315 12
10	1019	-36.9	67	000 00	0150	-35.0	66	000 00	1320	-25.7	75	321 14	2721	-30.2	77	331 23
11	1003	-30.7	72	320 02	0042	-30.1	70	000 00	1209	-26.9	72	000 00	2601	-33.1	72	301 05
12	1010	-33.3	72	000 00	0090	-32.3	72	000 00	1256	-28.0	69	026 09	2643	-31.5	63	008 11
13	1017	-34.2	85	000 00	0138	-31.8	79	000 00	1310	-25.7	68	310 07	2701	-31.0	66	315 10
14	1006	-40.2	000	000 00	0061	-37.3	56	000 00	1239	-23.7	50	305 05	2653	-26.9	38	316 07
15	1001	-32.2	72	180 02	0027	-32.2	72	180 03	1217	-23.3	57	110 03	2630	-27.6	48	306 01
16	1011	-32.7	72	340 03	0096	-33.7	68	338 03	1275	-21.9	75	307 13	2678	-29.9	74	318 12
17	1017	-34.7	77	000 00	0138	-32.4	71	000 00	1324	-18.7	27	303 07	2750	-26.9	58	300 14
18	1008	-26.6	73	150 02	0078	-25.8	74	151 02	1290	-16.0	81	213 05	2742	-20.0	81	282 10
19	1007	-31.2	68	000 00	0069	-28.6	69	000 00	1279	-17.3	68	346 06	2725	-22.2	41	313 14
20	1015	-27.8	73	150 04	0128	-23.7	78	151 04	1352	-14.5	53	176 07	2808	-21.0	74	250 07
21	1000	-20.7	78	180 14	0020	-20.7	78	180 14	1246	-26.1	78	212 17	2733	-16.1	73	
22	995	-27.7	77	270 11	0114				1162	-20.2	74	262 14	2605	-23.3	75	240 14
23	1003	-27.8	77	180 01	0042	-27.6	77	190 01	1225	-24.0	63	278 14	2639	-26.4	A19	273 11
24	997	-29.3	69	270 08	0015				1171	-23.8	78	236 13	2576	-28.6	70	233 15
25	995	-37.7	66	270 18	-02.2				1117	-33.2	62		2483	-34.8	76	
26	1004	-38.9	66	320 01	0048	-38.0	66	320 01	1202	-29.8	66	002 10	2586	-31.5	70	243 09
27	1002	-34.1	72	180 05	0034	-34.0	72	180 05	1203	-25.6	73	252 10	2597	-30.2	73	279 08
28	994	-27.2	77	220 11	-02.2				1152	-24.8	78	244 15	2556	-28.7	74	
MN	1009	-32.2	74		84	-31.2	71		1266	-22.4	65	324 06	2681	-27.2	65	309 09

Day	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	5069	-40.9			6559	-49.8			8392	-59.4			10935	-57.0		
02	5042	-40.7			6531	-49.9			8377	-55.8			10976	-54.8		
03	5065	-35.1	44	013 29	6583	-46.4			8443	-56.3			11003	-57.3		
04	5180	-38.2	37		6678	-49.5			8516	-60.4			11042	-58.2		
05	5220	-37.1	39		6734	-46.4			8589	-59.4			11095	-60.9		
06	5214	-37.5	56		6713	-49.8			8587	-61.5			11073	-57.5		
07	5058	-42.9			6531	-52.3			8357	-57.4			10932	-54.2		
08	5055	-42.2	316 30		6545	-50.8			8374	-60.8			10909	-57.2		
09	5031	-42.2	317 22		6508	-52.2	310 25		8326	-60.1	306 29		10861	-58.7		
10	5037	-45.4			6493	-55.8			8292	-62.0			10812	-59.6		
11	4923	-43.4	309 11		6399	-51.6	322 14		8235	-57.6	313 14		10799	-56.8	320 18	
12	4957	-46.2	357 14		6413	-54.1	352 14		8229	-59.8	349 22		10779	-58.0	339 34	
13	5033	-43.8	346 12		6501	-53.8	350 15		8322	-58.8	337 10		10888	-56.9	331 15	
14	5017	-41.1	331 10		6498	-51.9	335 14		8332	-57.7	338 17		10873	-58.9	326 20	
15	4978	-40.9			6470	-50.4			8303	-59.2			10855	-58.0		
16	5022	-41.7	317 25		6506	-50.5			8394	-56.0			10915	-58.0		
17	5126	-38.3	74 303 18		6628	-48.0	303 16		8479	-57.7	307 29		11022	-59.8	310 30	
18	5160	-36.9	65 288 18		6665	-47.0	290 30		8533	-55.8			11087	-57.7		
19	5117	-38.9	A22 305 25		6620	-46.1	295 31		8495	-55.6			11060	-56.9		
20	5219	-35.6	68 291 21		6740	-46.7	283 26		8606	-57.8	284 34		11124	-60.2		
21	5184	-34.3	71		6704	-45.0			8704	-57.0			11099	-57.2		
22	4973	-42.0	291 08		6450	-50.1	267 06		8324	-51.3	238 21		10956	-51.1	247 17	
23	4987	-43.0	274 11		6461	-51.8	271 08		8301	-57.8	257 11		10891	-54.8	260 19	
24	4917	-43.3	247 27		6387	-52.9			8218	-52.5			10807	-54.4		
25	4800	-44.8			6250	-51.5			8103	-54.4			10705	-54.7		
26	4896	-45.9	327 13		6352	-55.1	322 13		8165	-60.8	315 18		10693	-59.6	300 19	
27	4925	-44.4	297 09		6388	-53.7	302 12		8260	-60.6	309 15		10720	-61.6	308 17	
28	4896	-43.1			6371	-51.4			8200	-59.7			10717	-59.8		
MN	5039	-41.1	51		6524	-50.5			8364	-58.0			10914	-57.5		

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12751	-59.2			15287	-59.0			16684	-59.9			19644	-56.2		
02	12813	-55.0			15422	-51.8			16866	-52.7			19890	-54.5		
03	12841	-53.8			15424	-56.6			16836	-57.9			19785			
04	12854	-58.5			15390	-60.8			16774	-63.5			19606	-69.6		
05	12898	-58.3			15432	-62.2			16802	-65.0			19636	-68.7		
06	12895	-56.5			15449	-59.8			16839	-61.5			19713	-68.0		
07	12773	-56.1			15309	-61.7			16687	-63.0			19571	-65.8		
08	12729	-57.1			15290	-58.3			16691	-59.4			19635	-58.4		
09																
10	12611	-59.9			15139	-60.7			16532	-59.7			19491	-56.2		
11	12614	-59.0			15146	-59.0			16539	-60.0			19486	-57.6	308 49	
12	12588	-59.0			15130	-58.9	320 29		16536	-57.8	316 43		19524	-53.0		
13	12708	-57.7			15251	-58.9	310 28		16559	-56.9	321 34		19670	-51.1	316 55	
14	12673	-58.7			15219	-59.1	315 38		16619	-59.0			19589	-55.0		
15	12655	-59.9			15170	-62.1			16550	-61.9			19472	-60.5		
16	12725	-59.6			15242	-63.1			16610	-64.9			19464	-65.9		
17	12818	-59.4	310 32		15338	-62.8	313 25		16699	-65.9			19543	-68.5		
18	12911	-57.7			15456	-60.0										
19	12881	-57.0			15459	-57.9			16863	-59.0			19791	-61.9		
20	12940	-56.7			15494	-59.4			16890	-60.0			19812	-61.7		
21	12932															
22	12921	-52.4			15434	-59.0			16873	-52.6			19894	-55.0		
23	12749	-50.8	258 33		15380	-52.2	275 29		16814	-55.9			19806	-54.5		
24	12634	-57.6			15188	-58.3			16579	-62.3			19481	-63.2		
25	12533	-58.7			15050											

SUMMARY OF CONSTANT PRESSURE DATA

FEBRUARY 1959

MOULD BAY, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74072 76°14'N 119°20'W 20 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude opm. (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	1020	-37.0	66	330 12	0157	-35.2	66	338 14	1322	-26.2	73	303 11	2713	-30.8	70	360 15
02	1009	-32.5	76	340 10	0084	-32.3	77	340 10	1264	-25.9	76	358 11	2664	-28.7	73	360 15
03	1008	-31.4	76	350 12	0077	-30.8	75	340 10	1267	-20.4	49	348 15	2701	-23.6	61	020 24
04	1026	-31.1	72	0000	0201	-30.3	71	0000	1385	-21.1	74	018 18	2820	-23.6	61	020 24
05	1021	-31.3	72	340 05	0167	-26.4	69	339 07	1386	-16.0	62	348 15	2832	-21.6	61	020 24
06	1011	-27.8	73	320 09	0098	-27.1	73	321 09	1290	-17.3	82	316 11	2729	-24.9	77	284 18
07	1019	-37.8	56	340 05	0150	-34.5	62	342 07	1320	-26.9	62	345 12	2706	-32.0	57	325 17
08	1020	-35.1	68	0000	0158	-33.0	55	0000	1319	-28.8	67	317 08	2702	-30.2	70	317 14
09	1018	-36.8	76	0000	0145	-33.4	67	290 02	1304	-30.3	72	311 08	2695	-30.2	39	320 14
10	1011	-27.7	77	270 02	0098	-27.4	77	269 02	1273	-25.8	78	277 15	2672	-30.2	73	283 23
11	1004	-31.8	65	045 06	0048	-31.9	64	045 06	1215	-26.1	53	058 07	2606	-32.1	35	013 07
12	1017	-36.9	71	0000	00136	-30.6	75	0000	1294	-29.5	70	327 08	2665	-34.7	73	354 09
13	1011	-38.2	66	0000	00095	-36.4	66	0000	1263	-26.1	48	320 06	2659	-30.0	53	337 08
14	1003	-34.7	68	0000	00042	-33.3	69	0000	1231	-20.9	44	213 02	2655	-25.6	31	306 05
15	1006	-35.8	60	0000	00062	-33.9	63	0000	1241	-22.6	35	331 03	2652	-28.3	50	313 05
16	1015	-35.9	71	0000	00124	-34.6	58	0000	1302	-22.4	74	300 08	2731	-23.7	61	317 12
17	1015	-29.6	69	180 03	0126	-29.8	71	194 03	1315	-20.4	78	273 08	2738	-27.0	80	291 11
18	1001	-22.7	86	130 03	0027	-22.7	86	133 03	1233	-14.5	81	184 02	2694	-20.2	79	295 10
19	1013	-34.9	80	180 02	0111	-30.3	68	160 02	1324	-16.1	62	302 02	2766	-21.4	46	291 14
20	1009	-23.2	78	150 03	0086	-21.6	77	193 05	1321	-16.1	26	266	2796	-18.8	66	266
21	997	-19.8	82	180 09	0004	-19.6	82	221 11	1225	-12.9	82	221 11	2687	-20.0	67	225 17
22	1002	-31.7	72	270 02	0034	-31.6	66	271 02	1215	-21.8	57	303 12	2693	-26.5	37	284 14
23	1001	-30.3	72	160 05	0027	-29.9	73	160 05	1212	-22.2	78	256 10	2620	-29.4	72	252 09
24	997	-38.4	66	270 07	0001	-38.4	66	270 07	1125	-32.4	72	283 15	2496	-33.6	69	281 19
25	998	-40.1	270	05 0008					1136	-32.3	59	333 14	2505	-33.8	56	332 18
26	1005	-41.9	000	00 0054	-40.3	000	000	000	1210	-25.7	52	267 08	2607	-31.2	44	282 07
27	998	-31.8	65	180 05	0006	-31.8	65	180 05	1174	-24.1	77	258 12	2577	-30.0	74	269 09
28	993	-30.5	69	200 05	-034				1125	-28.9	71	247 12	2527	-26.8	40	243 22
MN	1009	-32.7	73		82	-31.2	70		1260	-23.1	65	307 06	2673	-27.5	56	305 09

Day	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude opm. (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	5059	-40.9			6501	-48.6			8359	-55.1			10943	-54.4		
02	5024	-39.1	59	025 28	6518	-49.6		026 31	8369	-56.1			10953	-55.1		
03	5100	-37.7	A22		6605	-48.6			8464	-57.0			11004	-56.3		
04	5200	-39.7	A22		6690	-50.5			8518	-52.1			11024	-60.7		
05	5239	-37.8	A22	338 23	6747	-47.8			8598	-59.7			11069	-63.7		
06	5090	-41.0		297 13	6573	-51.7		310 16	8396	-58.9		307 22	10946	-56.8	307 16	
07	5024	-45.1		333 33	6486	-53.6			8308	-59.3			10866	-57.1		
08	5042	-41.6		315 18	6524	-51.1		307 25	8345	-62.8		312 27	10841			
09	5014	-45.7		321 17	6467	-55.9		320 31	8271	-62.1		315 59	10798	-59.2		
10	4988	-45.3			6439	-56.4			8243	-61.9			10780	-59.1		
11	4921	-44.3	354 11		6386	-53.8		328 12	8201	-59.7		317 07				
12	4955	-47.8	321 08		6398	-56.0		331 09	8194	-62.2		336 11	10716	-59.8		
13	4999	-43.3	348 17		6463	-55.1		350 18	8277	-59.4		353 13	10821	-57.8		
14	5021	-40.5	289 04		6510	-50.1		301 07	8352	-58.7		286 15	10908	-57.5		
15	4993	-42.8	334 09		6469	-51.9		321 06	8299	-58.9		320 10	10860	-57.3		
16	5117	-37.9	A22	318 14	6617	-49.7		308 18	8459	-58.9		321 27	10984	-58.7		
17	5144	-36.7	45	299 23	6655	-46.7		300 23	8501	-60.2		300 28	11040	-57.4		
18	5090	-37.8	57	286 28	6603	-44.7		288 40	8486	-54.3			11061	-58.0		
19	5150	-39.2	67	296 23	6650	-46.3		293 39	8519	-57.8			11058	-57.7		
20	5236	-32.9	74		6768	-43.5			8637	-48.1			11155	-60.4		
21	5096	-37.7	69	210 28	6598	-50.5		210 44	8442	-54.6			11059	-52.9		
22	4992	-41.9	272 15		6468	-51.7		265 16	8315	-53.2		262 23	10938	-52.0	253 28	
23	4959	-42.9			6430	-52.5			8252	-59.7			10823	-55.2		
24	4820	-43.7			6293	-51.4			8144	-54.2			10748	-54.3		
25	4817	-44.0			6289	-50.8			8129	-57.2			10707	-56.4		
26	4921	-45.8	314 08		6381	-54.2		308 11	8189	-62.0		318 12	10706	-60.7	287 14	
27	4906	-43.3	276 11		6385	-50.4		276 13	8226	-59.4		250 12	10750	-60.8	293 18	
28	4882	-42.2			6364	-51.0			8202	-57.2			10751	-57.9		
MN	5029	-41.4	46		6510	-50.9			8346	-58.6			10900	-57.7		

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude opm. (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude opm. (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12780	-55.9			15360	-55.1			16800	-56.6			19809	-54.5		
02	12788	-54.6			15399	-53.1			16831	-55.1			19827	-55.1		
03	12825	-55.4			15381	-60.7			16767	-62.1			19653	-64.2		
04	12827	-58.7			15342	-63.6			16702	-66.8			19511	-70.9		
05	12859	-59.9			15388	-61.7			16762	-63.9			19608	-68.9		
06	12772	-56.7	307 15		15323	-60.2	307 24		16703	-64.0	307 30					
07	12688	-58.0			15227	-61.0			16614	-61.2			19528	-61.9		
08																
09	12598	-60.2			15110	-61.5			16490	-60.0			19426	-57.1		
10	12580	-59.7			15108	-61.3			16499	-59.7			19430	-58.8		
11																
12	12512	-60.9	323 19		15024							304 26	19534			
13	12425	-59.6	319 20		15159	-59.7	306 22		16562	-57.7	311 33		19564	-58.0		
14	12713	-58.8	318 27		15246	-60.9	311 33		16627	-61.7	311 34		19564	-58.0		
15	12670	-59.4	326 24		15190	-62.4	322 27		16563	-63.7	324 27		19438	-63.9	315 37	
16	12787	-60.0	317 35		15295	-64.1			16652	-67.2			19465	-69.3		
17	12857	-57.9			15387	-60.9			16770	-62.4			19650	-66.0		
18	12878	-56.9			15441	-57.9			16842	-59.8			19755	-62.9		
19	12871	-57.7			15439	-58.3			16839	-59.5			19780	-59.3		
20	12965	-57.5			15517	-58.7			16920	-58.4						
21	12923	-52.2														
22	12803	-51.9			15452	-51.5			16899	-52.8			19922	-55.5		
23	12661	-54.9			15258	-54.2			16678	-57.7			19630	-61.9		
24	12569	-58.9			15098	-62.1</										

SUMMARY OF CONSTANT PRESSURE DATA

MARCH 1959

MOULD BAY, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74072 76°14'N 119°20'W 20 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps.)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps.)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps.)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps.)				
01	992	-30.4	72	220	01	-039	-31.7	56	320	01	1116	-26.7	72	250	10	2508	-31.0	70	260	13
02	1002	-41.7	72	220	01	0033	-32.8	61	000	01	1171	-29.5	70	326	09	2555	-31.2	68	327	20
03	1009	-34.1	73	000	00	0083	-32.8	61	000	00	1270	-20.5	78	307	13	2698	-25.5	76	345	05
04	1020	-30.0	73	360	01	0161	-28.9	71	337	03	1361	-22.8	80	309	09	2783	-25.6	75	269	07
05	1024	-33.4	64	070	01	0188	-26.9	67	145	04	1382	-22.0	82	235	08	2802	-25.7	A19	234	09
06	1010	-25.9	77	220	01	0093	-22.4	69	215	01	1299	-17.8	39	170	09	2739	-22.5	72	197	19
07	1004	-24.1	86	270	01	0049	-24.2	85	270	01	1244	-18.4	85	201	06	2691	-21.3	82	124	03
08	1011	-30.5	72	045	01	0097	-29.3	70	080	02	1292	-17.4	50	271	08	2735	-21.9	73	263	14
09	1012	-29.2	77	000	00	0104	-28.9	73	000	00	1287	-21.2	74	178	05	2723	-22.2	78	180	09
10	1016	-34.7	68	180	03	0130	-34.7	61	206	05	1300	-23.6	72	294	08	2712	-26.5	66	282	10
11	1016	-36.0	71	300	05	0130	-35.7	73	297	08	1300	-23.6	72	295	08	2712	-27.0	52	277	05
12	1013	-37.0	71	270	05	0109	-36.4	69	217	07	1258	-26.0	73	280	08	2665	-31.6	60	272	13
13	1011	-33.8	72	180	06	0096	-34.3	72	185	07	1225	-28.0	74			2611	-32.1	72		
14	1008	-35.4	72	210	11	0076	-35.7	72	218	11	1225	-28.0	74			2611	-32.1	72		
15	1008	-34.3	72	000	00	0077	-34.3	69	000	00	1228	-29.2	67	308	09	2611	-30.9	76	314	13
16	1008	-33.8	72	270	03	0077	-33.7	73	268	03	1243	-26.9	76	305	11	2628	-33.0	73	312	12
17	1011	-33.4	64	000	00	0096	-32.4	64	000	00	1272	-25.0	76	277	06	2669	-30.2	75	298	09
18	1012	-29.5	73	180	01	0104	-30.1	68	183	01	1281	-25.4	72	267	08	2680	-30.1	55	270	08
19	1011	-26.6	77	220	06	0098	-26.6	69	228	08	1282	-23.9	78	260	18	2678	-31.7	75		
20	1013	-28.8	69	270	05	0112	-28.9	72	271	07	1300	-20.7	82	293	11	2717	-27.2	80	316	07
21	1015	-26.4	77	270	03	0128	-25.3	78	273	04	1320	-24.1	84	298	08	2755	-23.6	80	338	05
22	1019	-27.6	77	000	00	0155	-27.3	63	000	00	1348	-23.3	79	185	02	2777	-24.3	77	150	04
23	1018	-28.7	69	000	00	0149	-28.1	67	000	00	1348	-20.9	69	014	02	2778	-24.6	A18	337	06
24	1023	-30.6	72	000	00	0196	-24.8	72	000	00	1397	-20.7	71	050	03	2822	-25.7	52	300	04
25	1027	-28.8	77	000	00	0213	-21.3	57	000	00	1427	-19.2	47	077	04	2858	-24.9	A1	084	05
26	1025	-30.1	65	000	00	0213	-21.3	57	000	00	1407	-18.3	64	053	02	2840	-25.0	43	286	01
27	1029	-29.7	77	000	00	0162	-25.9	78	000	00	1373	-17.8	83	287	06	2806	-25.0	72	307	06
28	1019	-26.2	77	000	00	0156	-24.0	56	000	00	1367	-18.2	45	280	08	2792	-26.2	70	266	08
29	1017	-27.4	73	000	00	0141	-27.3	64	000	00	1341	-20.0	81	280	07	2761	-27.2	81	291	08
30	1016	-29.9	69	000	00	0133	-28.8	61	000	00	1329	-20.4	78	360	02	2749	-26.8	36	099	03
31	1014	-31.4	72	360	02	0118	-29.8	72	334	03	1309	-20.9	34	303	06	2727	-27.2	66	305	07
MN	1014	-30.9	73			117	-29.1	69			1301	-22.6	69	284	06	2717	-27.0	65	283	06

Day	500 MBS				400 MBS				300 MBS				200 MBS				
	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps.)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps.)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps.)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps.)	
01	4819	-45.2	258	15	6282	-52.6	265	18	8120	-56.5	271	23	10695	-56.7	270	10	
02	4871	-45.4	331	17	6338	-51.3	322	22	8185	-55.3	315	24	10780	-54.4	299	28	
03	5072	-36.8	66	359	13	6587	-46.6	351	13	8442	-39.2	344	20	10957	-38.9	310	17
04	5154	-41.1	251	09	6636	-51.7	229	09	8453	-60.6	268	23	10987	-58.7	276	27	
05	5186	-38.9	54	245	15	6677	-51.4	253	10	8493	-61.0	269	10	11063	-53.1	281	24
06	5140	-35.3	72	241	14	6662	-45.8	231	20	8519	-60.3	238	21	11131	-49.2	237	35
07	5108	-35.1	73	207	07	6625	-47.3	194	10	8489	-55.1	243	13	11117	-48.8	251	17
08	5156	-35.8	62	277	17	6676	-45.0	259	18	8541	-58.3	213	11	11093	-48.2	258	13
09	5122	-39.7	63	197	15	6615	-49.4	165	10	8446	-55.3	195	04	11091	-47.2	248	14
10	5076	-39.5	A22	120	06	6574	-47.6	120	10	8446	-52.7	195	04	11091	-47.2	248	14
11	5085	-38.8	39	127	11	6585	-48.4	130	13	8446	-55.3	167	10	11083	-46.7	251	12
12	4994	-44.1	218	05	6473	-49.1	180	05	8356	-49.6	227	08	11043	-44.1	248	13	
13	4957	-43.7	266	11	6437	-50.6	267	06	8318	-49.8	258	07	11015	-43.7	250	11	
14	4926	-44.1	216	11	6401	-49.8	267	06	8268	-50.5	258	07	10946	-45.2	258	14	
15	4941	-41.9	310	12	6428	-50.4	320	18	8267	-55.4	218	10	10914	-47.7	305	17	
16	4934	-44.3	312	22	6408	-51.2	312	29	8257	-52.6	308	23	10907	-47.5	269	10	
17	5005	-43.0	339	11	6477	-53.0	334	11	8288	-60.0	307	08	10874	-52.5	269	10	
18	5006	-44.8	261	12	6466	-55.5	249	16	8277	-58.8	257	12	10878	-51.3	258	14	
19	4992	-45.1	71	013	09	6454	-53.7	030	12	8274	-58.2	018	18	10850	-54.7	322	05
20	5095	-39.3	73	039	09	6591	-49.8	334	07	8425	-61.5	270	07	10946	-60.8	241	10
21	5142	-38.8	56	188	10	6656	-49.6	153	14	8477	-62.1	138	12	11031	-56.7	236	13
22	5157	-39.0	271	11	6642	-50.5	265	16	8485	-58.3	257	12	11042	-54.0	225	12	
23	5150	-40.4	003	03	6682	-50.0	318	03	8520	-58.8	286	06	11080	-55.2	238	05	
24	5238	-38.8	A22	104	06	6737	-49.6	143	04	8570	-59.4	093	04	11123	-55.6	186	02
25	5217	-39.8	A22	071	06	6708	-50.8	056	12	8539	-59.0	072	08	11118	-53.6	162	01
26	5185	-39.8	58	303	07	6677	-50.1	309	07	8515	-59.0	326	06	11091	-53.7	346	05
27	5158	-40.8	274	10	6648	-50.0	274	11	8487	-58.5	274	13	11060	-52.8	288	09	
28	5115	-41.5	279	15	6597	-51.7	276	14	8435	-57.1	276	14	11034	-51.5	289	09	
29	5107	-41.6	044	07	6586	-52.3	058	08	8415	-56.8	334	07	11025	-50.5	310	12	
30	5083	-41.6	292	08	6568	-50.9	304	08	8417	-53.3	328	10	11058	-47.9	320	10	
MN	5077	-40.8	54	280	06	6566	-50.2	282	05	8409	-57.1	276	08	11004	-51.9	267	12

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps.)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps.)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps.)	Altitude (ft. on Sta.)	Temp. °C	R.H. %	Wind (deg. mps.)
01	12508	-58.4			15041	-60.7			16429	-60.9			19389	-57.0		
02	12609	-57.8			15175	-56.2			16602	-53.2			19696	-44.8		
03	12777	-55.4	294	21	15366	-53.6	290	43	16806	-51.1	285	42	19898	-46.2		
04	12798	-57.9	281	21	15389	-51.1	284	53	16849	-46.0	266	35	20239	-44.1	276	30
05	12939	-49.6	281	24	15607	-46.5	281	31	17089	-46.5	266	35	20239	-44.1	276	30
06	13030	-46.8	258	27	15726	-45.4	246	30	17218	-44.9	243	28	20357	-44.8		
07	13014	-47.1	242	21	15697	-49.0	246	30	17161	-49.2	243	28	20252	-48.9	244	34
08	13030	-48.6			15709	-47.9			17189	-46.0						

SUMMARY OF CONSTANT PRESSURE DATA

MARCH 1959

MOULD BAY, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74072 76°14'N 119°20'W 20 METERS

P	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01	995	-39.2	66	320 05	-012	-36.2	66	263 03	1113	-33.7	67	287 10	2473	-35.6	70	293 14
02	1006	-37.6	66	260 03	0061	-36.2	66	263 03	1226	-25.0	77	314 14	2623	-30.4	71	318 18
03	1014	-31.3	72	000 00	0118	-31.3	70	000 00	1309	-20.1	77	321 09	2727	-25.4	72	293 05
04	1025	-31.4	72	000 00	0196	-26.7	71	000 00	1394	-21.2	75	263 09	2809	-25.9	46	278 10
05	1017	-30.3	69	000 00	0140	-28.6	68	666 66	1352	-20.8	69	666 66	2757	-25.9	69	666 66
06	1006	-24.9	78	000 00	0064	-23.4	75	000 00	1282	-17.1	69	158 06	2720	-22.4	69	112 03
07	1006	-28.1	69	270 02	0063	-28.2	70	270 02	1251	-18.7	82	271 12	2684	-24.0	70	280 07
08	1013	-29.2	62	000 00	0112	-28.7	66	000 00	1301	-19.3	80	255 07	2746	-21.5	82	253 10
09	1013	-28.4	73	290 05	0112	-29.3	75	293 05	1277	-21.7	77	316 06	2667	-29.1	76	350 02
10	1016	-36.3	57	000 00	0130	-35.7	64	000 00	1302	-22.8	73	291 11	2717	-27.3	50	291 05
11	1015	-37.9	66	290 02	0122	-38.4	66	290 07	1284	-25.1	71	286 11	2685	-29.9	50	272 04
12	1012	-34.0	72	290 06	0103	-34.7	76	288 06	1257	-26.6	78	268 17	2645	-32.4	73	268 13
13	1010	-36.4	71	160 05	0089	-36.5	71	165 07	1242	-29.1	75	248 13	2622	-33.3	59	246 16
14	1008	-38.9	66	160 01	0075	-38.4	66	163 02	1215	-28.4	71	220 05	2600	-31.7	69	237 04
15	1008	-33.0	64	000 00	0077	-33.4	62	000 00	1236	-28.0	75	295 15	2612	-34.0	70	301 21
16	1010	-34.7	68	000 00	0090	-34.4	69	000 00	1250	-25.9	77	318 08	2651	-31.3	74	319 11
17	1011	-33.1	76	000 00	0096	-31.3	74	000 00	1274	-24.5	77	264 06	2680	-31.1	49	280 08
18	1012	-29.0	73	200 05	0104	-29.6	74	215 05	1279	-25.5	79	264 13	2671	-32.3	73	267 13
19	1011	-29.0	73	250 05	0097	-30.0	77	253 05	1276	-25.8	80	282 13	2687	-28.3	79	298 10
20	1013	-28.4	79	250 05	0113	-28.6	76	242 05	1303	-22.6	81	308 08	2731	-23.8	80	340 06
21	1018	-27.5	77	000 00	0149	-26.8	70	000 00	1346	-23.5	80	345 02	2782	-23.3	61	251 01
22	1017	-33.4	72	000 00	0139	-29.5	72	000 00	1333	-22.0	76	125 01	2758	-25.1	71	203 02
23	1021	-34.2	72	000 00	0167	-25.9	64	000 00	1369	-20.2	63	033 04	2797	-25.0	A18	331 06
24	1027	-33.6	72	000 00	0213	-22.8	76	000 00	1419	-19.6	48	060 03	2849	-25.5	59	045 03
25	1026	-32.9	72	000 00	0203	-24.9	73	000 00	1416	-18.1	33	096 02	2850	-24.7	44	097 04
26	1022	-34.2	72	000 00	0176	-25.0	64	000 00	1388	-18.0	62	320 02	2820	-24.9	46	332 03
27	1020	-27.7	77	000 00	0162	-25.9	67	000 00	1377	-16.8	85	300 07	2818	-23.5	77	305 07
28	1018	-26.7	77	000 00	0150	-24.7	76	000 00	1358	-18.3	80	278 06	2785	-26.6	79	266 09
29	1016	-34.0	72	000 00	0132	-29.5	63	000 00	1331	-19.1	77	326 05	2753	-27.2	67	305 04
30	1016	-36.8	67	000 00	0132	-28.7	66	000 00	1327	-20.9	78	017 02	2740	-27.0	39	337 05
31	1012	-30.9	72	340 02	0104	-30.8	70	331 03	1290	-20.8	77	325 08	2704	-28.5	70	338 13
MN	1014	-32.4	71			-29.9	70		1302	-22.7	73	288 06	2715	-27.6	64	293 06

P	150 MBS				100 MBS				80 MBS				50 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. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12544	-57.2		288 17	15092	-58.3		287 22	16501	-57.1		287 33	19519	-50.5		286 48
02	12654	-57.0			15232	-54.4			16672	-51.4			19771	-44.6		
03	12766	-57.3		291 24	15337	-55.5		285 35	16784	-49.7		283 37	19899	-45.2		
04	12848	-53.3			15500	-47.7			16982	-45.1			20130	-45.3		
05	12936	-49.6		289 32	15600	-46.8		274 30	17082	-45.3		279 34	20199	-47.4		
06	13021	-47.0		255 23	15716	-45.5										
07	12971	-49.0			15624	-50.4			17092	-48.8			20188	-48.8		
08	12973	-49.7		252 17	15647	-46.5		253 21	17138	-45.0		257 22	20277	-46.3		251 26
09	12959	-45.8		262 16	15662	-45.0		254 22	17155	-45.1		250 17	20305	-44.1		250 17
10	12994	-44.6		251 17	15721	-43.5		255 17	17228	-42.3		252 16	20398	-42.8		246 18
11	12982	-41.0		252 19	15728	-43.6		254 19	17228	-42.8		252 16	20404	-42.8		251 17
12	12959	-41.5		251 14	15685	-50.1		243 19	17205	-40.5		246 20	20406	-40.6		262 20
13	12856	-42.3		243 17	15653	-38.4		247 14	17194	-36.5		250 19	20445	-37.8		262 14
14	12833	-43.3		237 14	15608	-37.0		239 21	17157	-36.8		241 21	20366	-42.3		239 20
15	12803	-43.4			15573	-39.3			17094	-40.2			20278	-43.9		
16	12774	-48.3		323 11	15481	-42.7		244 23	17005	-39.0			20213			
17	12774	-49.5		245 19	15454	-44.4		248 30	16954	-43.1		240 31	20134	-42.7		
18	12662	-51.9		212 23	15305	-48.1			16790	-44.2			19966	-42.4		
19	12730	-54.1		270 11	15356	-48.5		241 30	16836	-48.5		243 36	20027	-38.8		246 65
20	12756	-56.4		283 25	15374	-48.7		244 16	16858	-43.8		293 25	20076	-36.8		193 57
21	12863	-53.7		224 19	15507	-46.4		220 25	17005	-41.9		215 31	20232	-36.9		214 39
22	12897	-50.5		194 17	15566	-45.4		203 28	17049	-42.5		200 39	20269	-39.7		
23	12955	-51.5		191 18	15623	-44.3		182 20	17129	-44.1		186 28	20359	-40.3		186 21
24	12954	-53.2		216 07	15603	-46.7		174 11	17098	-42.6		174 17	20309	-39.4		162 18
25	12987	-52.1			15622	-48.8			17105	-44.1			20318	-38.7		
26	12953	-52.9		293 05	15581	-50.9		206 04	17050	-46.9		168 07	20225	-38.7		
27	12984	-53.7		321 05	15611	-50.2		262 03	17080	-47.3		269 07	20253	-41.1		234 06
28	12931	-51.9		276 10	15561	-51.3		310 04	17022	-48.3		293 03	20165	-41.3		
29	12931	-48.9		302 07	15586	-50.6			17054	-47.3			20212	-40.4		
30	12914	-49.0		317 13	15563	-50.2		328 12	17030	-47.6		313 10	20179	-41.7		292 14
31	12944	-46.3		317 16	15636	-46.6			17116	-47.2			20243	-43.7		
MN	12875	-49.9		258 12	15542	-47.0		242 17	17024	-44.6			20191	-42.2		

A — Statistical Value for Relative Humidity
 & — Stratum of Missing Data
 * — Vector Mean Wind

P	500 MBS				400 MBS				300 MBS				200 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	4787	-42.9		292 15	6267	-50.4		288 21	8129	-53.3		287 15	10715	-56.1		295 20
02	4961	-40.9			6451	-50.3			8288	-59.2			10832	-57.1		
03	5112	-36.9	34	320 09	6623	-48.5		330 10	8458	-62.0		294 12	10958	-59.8		297 16
04	5180	-44.3		288 17	6663	-52.5		293 30	8477	-61.2			11015	-58.1		
05	5193	-39.7	76	216 11	6625	-49.8		242 16	8468	-59.5		253 18	11058	-51.2		283 17
06	5130	-35.2	73	228 06	6651	-45.8		221 15	8503	-60.4		230 13	11125	-48.5		265 14
07	5086	-35.7	A21	280 28	6610	-44.0		264 27	8482	-56.2			11092	-49.4		
08	5153	-37.4	73	261 09	6657	-48.8		248 11	8504	-59.1		230 12	11089	-50.7		248 16
09	5023	-39.7	58	256 06	6526	-46.4		248 09	8409	-51.8		258 06	11056	-48.1		256 12
10	5081	-39.8	32	122 08	6581	-47.5		116 10	8446	-53.1		169 10	11083	-48.1		245 14
11	5038	-40.8		143 11	6528	-50.0		148 12	8386	-53.3		203 08	11038	-46.0		263 11
12	4941</															

SUMMARY OF CONSTANT PRESSURE DATA

APRIL 1959

MOULD BAY, N.W.T.

00 GMT.

STATION INSTRUMENTATION
USWB type radiosonde, SCR658 RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74072 76°14'N 119°20'W 20 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (Press. on Sls.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (Press. on Sls.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.				
																	°C	%	deg. mps.	°C	%	deg. mps.	°C	%	deg. mps.
01	1013	-30.3	62	360	01	0112	-31.2	57	343	01	1314	-19.6	78	354	07	2740	-25.7	42	009	09
02	1012	-27.3	73	000	00	0105	-26.9	64	000	00	1310	-19.0	81	307	06	2731	-25.0	44	312	10
03	1008	-29.2	62	350	03	0078	-29.0	63	359	03	1263	-21.9	32	341	08	2683	-26.5	38	313	16
04	1009	-32.2	65	070	06	0084	-32.2	63	081	08	1259	-22.9	47	061	05	2676	-24.1	40	360	03
05	1018	-31.1	68	200	02	0147	-30.7	54	200	02	1329	-20.9	41	172	02	2743	-26.5	37	340	03
06	1023	-29.6	69	000	00	0183	-27.9	64	000	00	1375	-20.9	39	276	02	2811	-22.6	41	331	03
07	1023	-26.4	63	000	00	0184	-26.8	53	000	00	1385	-19.7	26	282	04	2819	-22.6	58	288	07
08	1031	-26.3	60	000	00	0241	-24.3	57	000	00	1450	-17.3	33	303	02	2887	-24.7	60	312	04
09	1028	-26.3	56	000	00	0221	-24.2	57	000	00	1436	-15.8	37	152	04	2887	-20.4	51	282	03
10	1015	-22.4	64	000	00	0129	-20.1	59	000	00	1369	-10.2	43	210	02	2845	-17.7	81	283	05
11	1007	-22.6	78	040	07	0071	-22.0	76	289	07	1301	-12.6	33	024	10	2772	-18.0	A17	334	09
12	1016	-20.7	78	270	05	0137	-20.9	70	289	05	1340	-17.0	81	314	11	2777	-25.0	81	300	15
13	1009	-21.1	74	300	08	0086	-21.8	75	297	08	1276	-23.8	69	274	10	2684	-28.5	41	264	18
14	1014	-29.6	64	180	08	0121	-26.3	71	186	09	1289	-28.9	72	205	15	2659	-35.8	68	212	07
15	1021	-29.1	56	180	05	0167	-30.2	59	192	06	1327	-29.2	61	210	08	2711	-32.5	49	230	16
16	1018	-19.9	78	250	02	0153	-20.5	73	216	03	1353	-19.3	76	156	10	2791	-23.3	77	135	17
17	1031	-21.9	74	000	00	0244	-23.2	54	000	00	1454	-18.6	33	085	01	2881	-25.2	37	177	04
18	1034	-21.9	67	360	05	0266	-19.9	59	019	04	1484	-17.5	34	027	03	2924	-23.0	37	303	03
19	1033	-25.2	66	030	09	0257	-21.2	66	058	09	1474	-16.9	63	054	09	2925	-20.9	A18	053	04
20	1031	-18.2	61	040	08	0250	-16.6	66	055	04	1493	-11.8	A18	058	04	2964	-16.7	A17	040	02
21	1032	-21.3	67	320	06	0254	-17.4	69	341	06	1500	-11.2	69	008	08	2970	-17.8	31	007	06
22	1034	-22.2	71	320	05	0265	-19.9	74	339	06	1501	-12.3	28	342	10	2964	-20.1	74	347	11
23	1036	-22.4	67	340	03	0279	-23.6	69	360	05	1490	-12.3	47	009	12	2946	-21.0	26	005	15
24	1030	-22.8	70	320	03	0238	-23.6	60	330	04	1443	-14.8	53	009	07	2921	-20.0	A17	011	12
25	1019	-22.8	70	000	00	0157	-24.3	66	000	00	1375	-14.8	30	037	15	2832	-19.9	38	038	16
26	1014	-19.1	71	000	00	0123	-19.7	69	000	00	1340	-16.1	48	070	06	2790	-20.9	49	110	07
27	1008	-20.8	64	340	04	0080	-20.4	64	341	05	1299	-15.9	45	003	05	2756	-19.6	52	005	05
28	1009	-16.9	72	180	05	0086	-17.8	70	180	05	1297	-19.3	68	214	03	2735	-23.0	77	253	02
29	1007	-18.6	71	180	03	0072	-19.2	72	186	02	1279	-19.3	61	186	02	2716	-23.7	32	218	01
30	1012	-20.1	75	320	03	0107	-21.1	76	319	03	1318	-18.2	52	352	04	2759	-23.3	59	398	03
MO	1020	-23.8	68			163	-23.7	66			1372	-18.1	51	349	02	2810	-23.1	46	337	06

Day	500 MBS				400 MBS				300 MBS				200 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.				
																	°C	%	deg. mps.	°C	%	deg. mps.	°C	%	deg. mps.
01	5115	-39.0	51	355	18	6614	-48.9		349	21	8475	-55.6	954	25	11077	-49.9				
02	5106	-38.7	A22	321	14	6606	-48.8		326	21	8457	-56.9	318	24	11063	-49.4				
03	5060	-37.7	A22	307	25	6570	-46.5				8451	-52.0			11091	-48.5				
04	5084	-36.2	37	336	12	6600	-45.9		329	12	8473	-54.6	314	17	11109	-47.8	318	13		
05	5129	-38.7	32	341	07	6629	-48.7		328	14	8494	-52.7	323	13	11148	-46.0	313	14		
06	5215	-36.7	A21	114	05	6720	-48.7		000	00	8578	-53.4	028	07	11236	-45.3	313	09		
07	5216	-37.5	38	290	10	6724	-47.4		312	09	8593	-53.5	921	10	11262	-44.6	284	10		
08	5265	-37.1	63	321	08	6780	-46.4		282	20	8654	-54.2	307	08	11310	-44.2	292	06		
09	5293	-37.0	A22	305	22	6803	-47.5		282	20	8678	-52.2	283	18	11325	-48.6	273	23		
10	5316	-28.8	A19	282	26	6879	-39.0	47	284	44	8816	-46.5			11445	-48.2				
11	5219	-31.5	A20	289	26	6759	-43.7		287	33	8658	-50.3	291	25	11356	-43.9				
12	5182	-35.9	52	298	25	6703	-44.2				8587	-53.3			11281	-42.0				
13	5043	-40.0	45			6553	-42.5				8496	-40.9			11252	-41.2				
14	4962	-42.4	233	28		6477	-40.8				8432	-41.8			11189	-40.5				
15	5052	-39.3	A22			6558	-45.8				8485	-43.1			11220	-43.4				
16	5183	-37.5	58	148	32	6691	-47.2		202	08	8630	-50.4	198	07	11317	-45.0	171	05		
17	5261	-38.9	55	179	10	6761	-48.6				8637	-45.7	243	14	11362	-46.8	220	01		
18	5320	-37.1	37	240	09	6837	-45.7				8723	-53.3	240	03	11370	-47.8	067	03		
19	5335	-35.3	A21	242	19	6854	-46.4		248	16	8723	-53.3	240	03	11370	-47.8	067	03		
20	5418	-33.0	31	280	01	6947	-45.1		274	04	8827	-55.0	064	03	11462	-47.0	034	01		
21	5423	-32.5	39	007	09	6960	-44.2		008	08	8831	-55.9	351	12	11491	-51.3	343	13	003	12
22	5369	-34.4	49	349	13	6915	-45.3		004	32	8771	-53.1			11444	-45.7				
23	5369	-34.4	A21	011	16	6898	-45.3		012	17	8741	-54.2	013	13	11418	-44.5	010	15		
24	5345	-35.1	A21	017	15	6866	-44.9				8637	-52.2			11321	-43.8				
25	5247	-35.1	A21	021	20	6766	-46.5				8637	-52.2			11321	-43.8				
26	5208	-35.5	44	111	09	6729	-46.1		090	04	8609	-51.9	076	10	11312	-43.1	061	05		
27	5197	-33.0	68	281	04	6725	-46.2		286	07	8582	-56.4	276	08	11254	-43.9	014	02		
28	5129	-37.1	75	234	02	6641	-46.9		295	04	8511	-50.6	313	05	11223	-41.3	000	00		
29	5110	-37.5	66	002	02	6620	-47.2		000	00	8489	-50.2	000	00	11210	-41.2	000	00		
30	5193	-37.7	68	333	06	6683	-47.8		337	05	8539	-49.8	001	07	11245	-42.7	360	04		
MO	5211	-36.4	39	306	07	6728	-45.9	47	310	10	8610	-51.6	319	08	11283	-45.2				

Day	150 MBS				100 MBS				80 MBS				50 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. (Press. on Sls.)	Temp. °C	R.H. %	Wind deg. mps.	
																	°C	%	deg. mps.	°C	%	deg. mps.
01	12980	-45.4			15684	-46.1			17171	-45.5			20326	-42.2			
02	12956	-48.6			15640	-45.8			17134	-43.6			20329	-38.7			
03	12992	-48.6			15685	-45.0			17186	-42.2			20395	-39.8			
04	13019	-45.3			15741	-43.4			17249	-41.8		008	03	20459	-39.2	334	02
05	13078	-43.0			15810	-42											

SUMMARY OF CONSTANT PRESSURE DATA

APRIL 1959

MOULD BAY, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74072 76°14'N 119°20'W 20 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	1013	-30.2	65	000 00	0112	-29.8	68	000 00	1312	-19.5	82	329 08	2740	-26.4	52	337 07
02	1010	-28.2	69	340 01	0092	-27.8	69	333 02	1287	-19.9	80	298 09	2707	-27.1	58	303 14
03	1006	-33.7	64	000 00	0062	-33.6	65	000 00	1287	-22.1	53	040 08	2657	-26.0	A19	348 09
04	1013	-33.6	64	250 01	0111	-32.2	62	198 02	1268	-22.6	30	111 04	2682	-25.4	65	393 03
05	1020	-35.1	60	000 00	0160	-26.5	62	000 00	1342	-23.0	38	270 03	2761	-24.2	47	001 06
06	1023	-32.5	64	000 00	0182	-27.7	57	000 00	1380	-20.5	26	252 05	2815	-23.2	33	236 06
07	1025	-30.8	68	000 00	0196	-26.1	67	000 00	1399	-18.3	47	333 05	2838	-23.6	67	315 06
08	1032	-31.5	58	000 00	0247	-23.5	59	000 00	1462	-16.3	A17	276 02	2906	-22.2	63	260 03
09	1020	-29.3	62	000 00	0163	-23.7	63	000 00	1387	-13.5	40	153 04	2855	-19.0	36	281 03
10	1008	-26.4	70	000 00	0078	-23.9	69		1321	-11.8	55		2800	-14.8	39	
11	1012	-21.6	78	290 06	0107	-20.9	78	296 07	1319	-16.7	83	311 15	2766	-21.3	77	311 25
12	1010	-17.7	79	250 15	0095	-18.3	78	250 14	1305	-18.3	86	260 15	2738	-24.0	80	269 13
13	1013	-30.3	72	320 05	0112	-30.7	73	314 06	1274	-29.4	77	268 10	2640	-36.8	74	265 10
14	1015	-31.2	72	180 05	0126	-29.9	71	184 06	1281	-30.7	74	203 09	2647	-34.9	78	218 12
15	1024	-28.7	77	045 08	0190	-26.9	77	060 09	1377	-22.9	78	120 09	2796	-24.5	80	172 16
16	1027	-30.1	62	000 00	0211	-25.6	69	000 00	1408	-19.7	40	222 05	2837	-25.1	31	206 05
17	1033	-29.3	50	000 00	0257	-21.9	60	000 00	1472	-18.0	32	063 04	2904	-24.1	44	225 02
18	1034	-26.8	73	360 04	0262	-22.6	74	034 06	1482	-17.0	69	032 04	2922	-23.2	29	340 02
19	1032	-25.2	78	040 10	0252	-18.0	75		1489	-12.3	57		2961	-16.8	34	
20	1032	-21.8	64	360 05	0257	-13.3	81	025 06	1501	-12.5	27	037 06	2960	-20.0	A17	024 04
21	1033	-26.2	59	340 02	0247	-21.3	61	355 05	1486	-14.4	31	356 05	2939	-20.9	A18	346 07
22	1034	-26.2	73	360 05	0261	-26.0	79	021 06	1481	-14.9	58	005 09	2933	-21.2	33	351 16
23	1035	-28.0	69	340 04	0269	-21.3	81	347 05	1491	-15.0	63	003 09	2946	-20.0	39	008 12
24	1025	-26.4	77	320 05	0198	-25.0	82	041 06	1427	-14.3	50	030 14	2881	-20.3	A17	025 13
25	1018	-26.1	73	000 00	0150	-25.8	76	000 00	1357	-18.5	55	079 09	2798	-23.1	36	059 12
26	1010	-26.9	69	360 03	0092	-26.6	66	002 04	1309	-15.1	47	031 04	2769	-19.8	50	057 05
27	1009	-23.1	74	000 00	0086	-21.6	72	000 00	1302	-17.4	47	234 02	2748	-21.7	68	316 01
28	1007	-21.2	74	180 05	0071	-21.3	75	180 05	1277	-19.2	72	208 03	2711	-24.0	48	150 01
29	1007	-27.1	73	000 00	0086	-23.1	71	000 00	1287	-19.8	66	358 02	2718	-24.5	54	002 03
30	1016	-26.6	70	360 04	0135	-23.8	76	001 04	1345	-17.1	49	010 06	2784	-23.9	49	022 07
MN	1020	-27.8	69		163	-24.6	71		1369	-18.4	54	335 02	2805	-23.4	47	323 04

Day	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	5107	-39.9	31	342 13	6602	-49.5		341 20	8443	-57.3		337 19	11051	-50.0		
02	5071	-40.1	312	21 6565	-49.1		311 29	8423	-54.2		314 30	11088	-49.7			
03	5061	-34.9	30	348 14	6583	-46.0		323 13	8455	-53.2		330 20	11044	-48.7		
04	5076	-37.2	57	331 12	6593	-46.4		320 16	8466	-54.2		316 21	11102	-49.3		317 13
05	5131	-41.0	328	11 6623	-49.1		333 13	8485	-53.9		332 14	11134	-46.3		320 11	
06	5209	-37.9	A22	226 05	6711	-49.3		280 04	8567	-54.3		311 07	11221	-45.7		304 07
07	5233	-37.0	72	317 19	6744	-47.4		310 13	8605	-55.5		322 16	11258	-45.4		303 05
08	5313	-37.0	A22	300 05	6823	-47.7		277 05	8676	-55.5		274 05	11316	-46.7		266 06
09	5274	-36.1	70	274 11	6794	-42.0		293 35	8715	-49.1		298 45	11361	-50.9		
10	5281	-29.8	71		6843	-40.0	66		8754	-49.9			11412	-45.8		
11	5200	-32.7	67		6743	-41.7			8645	-52.2			11330	-44.0		
12	5126	-37.1	72	271 24	6642	-45.8			8522	-49.6			11237	-40.9		
13	4938	-42.3	258	18 6450	-41.1		264 17	8410	-40.6		254 18	11168	-41.3		283 08	
14	4948	-43.0	231	20 6454	-42.6		230 17	8398	-42.1		212 09	11144	-41.9		205 06	
15	5173	-40.4	180	23 6665	-49.5		185 23	8527	-51.1			11217	-43.4			
16	5216	-38.9	39	168 13	6718	-47.5		169 08	8603	-48.9		158 11	11297	-44.0		139 06
17	5284	-38.8	51	226 09	6784	-48.2		238 11	8657	-51.0		232 07	11351	-45.7		186 07
18	5320	-37.2	A22	230 06	6834	-45.9		234 15	8713	-51.0		290 09	11381	-46.1		106 01
19	5429	-32.5	52		6948	-45.8			8821	-52.9			11492	-45.0		
20	5380	-34.5	39	014 03	6916	-45.3		017 05	8781	-58.0		038 11	11398	-48.3		042 07
21	5355	-36.2	51	330 08	6870	-47.2		327 12	8735	-53.2		350 10	11385	-47.4		004 09
22	5349	-35.5	A21	350 24	6874	-44.9		355 26	8749	-54.6		360 18	11412	-46.1		330 07
23	5373	-34.2	A21	359 15	6901	-45.1		006 16	8779	-54.6		355 15	11453	-44.9		004 12
24	5302	-35.3	39	025 17	6825	-45.6		026 17	8697	-54.0		026 17	11369	-45.0		014 10
25	5192	-38.2	38	037 18	6700	-47.1		041 18	8587	-48.0		046 16	11288	-45.0		027 08
26	5208	-38.1	56	157 03	6740	-46.0		154 09	8597	-57.5		160 09	11266	-42.8		023 03
27	5162	-35.9	72	150 01	6674	-47.8		192 05	8536	-51.2		333 04	11238	-42.9		330 04
28	5104	-37.7	50	283 02	6614	-47.3		324 05	8479	-50.7		330 02	11196	-41.6		000 00
29	5105	-38.1	60	012 02	6610	-48.0		006 07	8474	-50.3		360 06	11185	-42.8		614 03
30	5175	-38.0	33	039 06	6683	-47.6		021 09	8552	-51.8		018 08	11252	-43.5		043 03
MN	5203	-37.0	46	309 06	6718	-46.2	66	314 08	8595	-52.1		326 08	11268	-45.4		335 04

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12942	-47.4			15629	-46.2			17119	-44.9			20284	-41.9		
02	12932	-30.2			15599	-46.3			17096	-43.1			20290	-40.6		
03	12992	-45.7	313	15	15694	-45.5	334	07	17194	-42.6	336	07	20406	.		
04	13004	-45.3	317	10	15726	-42.9	325	06	17226	-42.9	321	08	20416	-41.2		323 02
05	13050	-45.3	323	12	15765	-42.9	296	06	17268	-42.5	323	07	20422	-44.7		326 08
06	13144	-45.1	295	06	15867	-44.4	282	06	17362	-44.6	297	05	20510	-45.0		303 04
07	13189	-43.6	316	08	15914	-44.5	270	06	17414	-43.3	283	05	20562	-46.3		327 06
08	13228	-46.1	272	05	15950	-44.5	245	04	17446	-44.9	250	06				
09	13247	-46.0			15964	-44.6			17464	-44.3			20605	-45.0		
10	13328	-46.3			16000	-44.5			17494	-44.9			20635	-45.7		
11	13263	-42.1			15975	-44.3			17473	-43.9			20626	-45.6		
12	13188	-41.4			15930	-42.6			17440	-42.3			20586	-45.7		
13	13119	-41.9	247	06	15823	-42.0	247	03	17380	-42.7	245	03	20529	-46.2	083	02
14	13098	-														

SUMMARY OF CONSTANT PRESSURE DATA

MAY 1959

MOULD BAY, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

P	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.				
01	1020	-20.2	68	340	03	0166	-19.0	69	045	04	1382	-18.2	60	066	04	2824	-23.1	A18	049	03
02	1031	-16.6	75	340	03	0249	-16.7	69	051	04	1477	-17.1	71	040	06	2917	-25.6	63	026	04
03	1036	-13.9	80	340	02	0289	-13.4	79	296	05	1519	-17.9	77	304	06	2952	-25.1	86	346	07
04	1038	-15.3	76	340	03	0300	-17.5	68	307	07	1531	-15.9	56	327	09	2980	-21.3	50	337	09
05	1036	-16.1	75	000	00	0286	-16.5	66	000	00	1512	-16.4	33	347	05	2958	-22.7	A18	356	08
06	1030	-14.4	79	320	08	0244	-14.4	70	324	09	1481	-14.8	40	351	11	2931	-21.0	61	358	10
07	1013	-12.3	84	320	08	0118	-13.2	83	333	09	1355	-13.5	86	336	10	2815	-21.0	82	337	12
08	1008	-12.1	80	000	00	0081	-12.1	80	000	00	1318	-16.9	82	334	04	2763	-20.9	38	328	06
09	1004	-12.3	84	000	00	0051	-12.9	81	000	00	1281	-19.0	80	049	02	2727	-22.0	38	076	03
10	1005	-15.3	76	000	00	0058	-15.3	73	000	00	1283	-17.4	68	314	03	2731	-21.7	67	300	03
11	1012	-12.4	80	180	02	0110	-14.0	78	173	03	1334	-18.0	79	209	05	2785	-21.8	61	221	11
12	1020	-12.0	84	180	07	0170	-13.2	84	195	08	1395	-15.8	74	221	07	2850	-20.1	27	244	05
13	1025	-11.8	84	180	06	0207	-11.9	76	179	07	1455	-11.2	56	247	08	2924	-16.9	40	255	12
14	1025	-07.8	84	290	05	0210	-09.9	83	288	07	1455	-12.1	77	275	10	2928	-18.5	28	274	11
15	1025	-09.6	80	045	05	0209	-11.7	80	336	04	1457	-11.0	86	260	12	2925	-18.9	81	269	14
16	1028	-11.4	80	040	07	0231	-13.9	79	051	07	1465	-11.9	52	358	04	2941	-15.8	27	333	08
17	1031	-10.4	80	090	03	0254	-12.3	80	076	02	1499	-09.0	40	000	00	2992	-13.9	26	326	01
18	1025	-10.9	84	180	12	0209	-12.0	79	181	13	1483	-05.8	38	216	09	2997	-10.2	A15	218	05
19	1018	-07.3	88	180	11	0159	-08.5	84	194	10	1434	-06.9	84	228	13	2936	-11.5	39	241	11
20	1019	-06.3	84	290	07	0165	-10.2	83	285	08	1405	-11.7	59	265	09	2877	-18.9	66	262	15
21	1019	-09.2	84	290	12	0164	-10.4	83	294	13	1402	-14.0	81	323	15	2864	-18.0	73	327	14
22	1022	-06.7	84	320	07	0190	-08.3	80	326	08	1440	-11.2	73	013	08	2912	-16.1	49	002	10
23	1014	-08.8	80	045	04	0127	-09.9	80	034	04	1380	-06.1	36	042	08	2879	-13.1	29	051	11
24	1017	-08.5	84	360	05	0150	-09.7	84	001	05	1414	-04.8	40	017	09	2927	-10.3	A15	093	14
25	1015	-07.2	88	020	06	0135	-08.3	87	016	07	1398	-06.8	39	007	20	2900	-12.4	A16	012	21
26	1014	-09.1	84	360	03	0127	-10.1	82	358	03	1380	-07.9	45	337	07	2865	-16.7	69	323	11
27	1008	-08.3	81	030	04	0082	-08.9	81	029	04	1313	-18.7	82	014	04	2758	-20.4	82	204	05
28	1010	-07.8	84	040	04	0098	-09.1	84	041	04	1328	-16.6	79	058	06	2782	-19.6	74	086	12
29	1013	-06.8	84	040	05	0120	-07.9	83	034	05	1365	-14.1	81	044	07	2832	-15.4	51	091	14
30	1010	-06.8	88	270	05	0099	-05.3	88	281	05	1354	-14.3	88	300	04	2832	-14.3	61	360	04
31	1011	-07.1	81	320	06	0105	-07.7	83	321	07	1360	-09.4	85	320	08	2844	-15.9	66	344	09
MR	1019	-10.8	82			167	-11.8	79			1408	-13.0	66	326	04	2876	-18.0	49	332	04

P	500 MBS				400 MBS				300 MBS				200 MBS					
	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.		
01	5218	-38.0	34	029	03	6722	-48.0	014	08	8583	-52.8	010	08	11268	-43.6	033	02	
02	5310	-37.4	61	310	03	6819	-48.4	280	05	8682	-50.4	349	07	11387	-43.1	354	06	
03	5331	-39.0	60	004	12	6833	-47.7	014	12	8715	-48.4	036	17	11425	-43.9	002	09	
04	5392	-34.7	A21	350	11	6923	-44.1	351	17	8806	-53.9	357	25	11487	-44.6	349	07	
05	5356	-37.0	A22	007	15	6870	-46.7	009	17	8756	-47.6	009	12	11477	-42.6	007	07	
06	5353	-34.9	72	020	16	6876	-45.5	035	22	8754	-51.4	029	33	11461	-42.2			
07	5246	-33.2	47	344	11	6780	-44.4	358	04	8676	-50.5	346	07	11388	-42.6	002	07	
08	5187	-35.1	52	340	06	6709	-44.7	356	03	8603	-48.7	357	05	11336	-40.9	352	08	
09	5131	-36.7	32	087	04	6652	-45.0	061	06	8537	-49.0	044	06	11261	-41.9	010	05	
10	5147	-35.0	35	000	00	6667	-46.3	060	04	8541	-51.3	030	05	11247	-42.7	346	03	
11	5202	-35.2	38	155	03	6722	-46.3	165	04	8596	-52.1	160	08	11379	-43.0	239	06	
12	5269	-35.8	48	247	07	6787	-46.6	243	06	8670	-49.0	245	08	11348	-44.4	251	22	
13	5378	-32.5	40	249	12	6915	-43.6	247	14	8789	-46.3	255	16	11465	-44.7	273	14	
14	5375	-33.6	41	267	12	6908	-44.7	268	14	8789	-50.8	273	14	11511	-43.1			
15	5358	-33.2	63	280	20	6888	-44.5			8796	-46.9			11511	-43.1			
16	5405	-31.9	A20	317	12	6948	-42.5	329	23	8838	-51.9	327	24	11524	-43.9	303	15	
17	5480	-28.3	42	318	10	7045	-39.3	47	325	19	8954	-53.0	326	26	11605	-46.1	310	12
18	5524	-24.5	A18	321	08	7108	-37.4	A22	297	10	9034	-51.9	292	19	11691	-46.1	272	09
19	5458	-25.9	A19	264	15	7041	-36.0	A21			8980	-50.4			11637	-45.3		
20	5316	-32.2	A20	271	28	6858	-43.4			8770	-44.8			11509	-43.1			
21	5315	-32.1	54			6857	-42.8			8790	-42.4			11546	-40.8			
22	5374	-31.8	A20	013	10	6916	-42.9			8844	-42.9			11599	-41.9			
23	5368	-28.8	68	054	17	6932	-39.5	31	069	26	8854	-50.9	072	28	11558	-42.7	054	38
24	5442	-26.7	A19	030	15	7016	-38.2	A22	039	18	8933	-53.3	041	15	11579	-44.4	037	13
25	5386	-28.9	A19			6946	-40.6			8853	-49.4			11560	-43.3			
26	5329	-31.1	39	330	13	6878	-41.9	333	17	8779	-47.9	338	15	11508	-41.9	352	06	
27	5171	-35.1	49	208	08	6698	-41.6	196	10	8662	-38.9	256	02	11457	-38.7	034	03	
28	5210	-35.0	48	087	17	6738	-43.9	034	25	8660	-43.9	087	13	11419	-40.9	059	10	
29	5295	-30.8	64	050	20	6847	-40.5	043	26	8758	-46.6			11502	-40.5			
30	5306	-29.8	59	005	10	6858	-40.8	005	09	8762	-51.1	011	11	11484	-40.1	028	10	
31	5316	-30.1	64	034	05	6868	-41.4	005	10	8774	-52.1	045	10	11492	-41.8	018	09	
MR	5321	-32.7	41	340	05	6859	-43.2	29	358	09	8759	-49.3	354	09	11468	-42.8	352	05

P	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.
01	13204	-43.1	340	02	15932	-43.3	279	02	17434	-43.7	236	04	20588	-44.7	065	03
02	13330	-42.4	010	05	16070	-42.6	037	02	17579	-42.5	081	01	20745	-44.6	000	00
03	13359	-42.8	007	06	16095	-42.4	006	03	17602	-43.3	003	03	20758	-45.2	023	02
04	13416	-44.0	027	04	16142	-43.4	346	04	17643	-43.9	005	00	20795	-45.0	000	00
05	13417	-43.2	052	05	16146	-42.6	060	03	17651	-43.4	257	06	20803	-45.3	336	02
06	1340															

SUMMARY OF CONSTANT PRESSURE DATA

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MAY 1959

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74072 76°14'N 119°20'W 20 METERS

MOULD BAY, N.W.T.

12 GMT.

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
	01	1026	-22.1	74	000	00	0210	-17.5	79	000	00	1426	-18.3	A17	035	04	2862	-23.7	35	015	03
02	1034	-20.7	67	000	00	0270	-15.0	80	000	00	1494	-19.0	81	060	04	2919	-26.5	75	015	03
03	1038	-19.6	71	360	02	0299	-15.1	82	305	07	1530	-16.2	69	324	08	2973	-22.2	40	340	10
04	1037	-22.8	67	000	00	0291	-17.1	83	000	00	1514	-17.4	82	337	07	2955	-23.2	79	142	13
05	1034	-20.8	71	000	00	0269	-16.8	87	000	00	1494	-16.4	98	002	08	2939	-22.7	A18	002	08
06	1024	-15.1	76	310	08	0200	-13.8	71	311	10	1437	-14.5	A1	326	13	2887	-22.0	68	339	17
07	1011	-14.3	80	000	00	0102	-14.2	79	000	00	1333	-13.8	88	330	06	2781	-22.9	72	323	11
08	1005	-15.2	79	000	00	0058	-15.0	79	000	00	1289	-18.7	79	007	03	2732	-22.1	83	063	02
09	1003	-16.6	75	000	00	0043	-16.1	73	000	00	1275	-15.3	63	359	03	2729	-20.6	52	031	03
10	1008	-16.4	75	000	00	0080	-16.2	75	000	00	1304	-21.2	79	249	04	2751	-21.5	41	245	05
11	1015	-17.4	79	220	02	0132	-17.4	82	216	04	1351	-14.2	79	199	06	2807	-20.6	40	206	06
12	1023	-13.6	83	180	09	0193	-13.7	82	200	12	1426	-14.8	85	249	07	2881	-19.8	81	239	08
13	1023	-13.8	83	180	10	0193	-12.8	87	194	09	1452	-09.2	75	234	12	2926	-18.4	80	254	14
14	1026	-11.7	84	180	03	0216	-12.8	85	205	03	1455	-12.5	59	269	06	2927	-18.8	80	270	13
15	1026	-12.8	84	040	07	0214	-14.7	84	040	07	1445	-13.0	77	336	04	2910	-18.2	37	309	07
16	1030	-12.8	80	070	08	0245	-14.1	83	085	06	1479	-11.0	58	358	02	2957	-16.1	30	311	05
17	1030	-16.2	62	150	06	0242	-15.7	69	156	07	1495	-17.4	25	170	05	2847	-23.9	23	182	03
18	1021	-10.9	87	180	11	0179	-12.1	88	184	12	1448	-12.1	94	201	12	2948	-10.1	44	206	11
19	1018	-07.8	84	000	00	0159	-08.1	85	000	00	1419	-09.4	89	250	09	2905	-15.4	86	244	15
20	1019	-10.7	87	290	05	0164	-12.0	85	281	08	1389	-15.9	86	315	10	2839	-18.3	84	290	18
21	1022	-12.1	84	330	05	0186	-13.6	81	326	05	1419	-12.8	86	346	08	2892	-17.2	62	320	10
22	1020	-11.1	84	350	05	0172	-11.4	85	351	06	1419	-09.4	62	005	07	2904	-16.5	70	020	11
23	1016	-11.5	87	030	02	0141	-12.6	89	035	02	1395	-07.6	50	056	05	2897	-12.1	47	052	10
24	1017	-08.4	84	360	04	0150	-09.5	85	359	06	1411	-04.3	26	031	16	2923	-11.6	A16	029	20
25	1015	-09.8	88	360	05	0135	-10.9	89	355	06	1385	-06.9	56	020	11	2888	-12.9	A16	017	15
26	1010	-10.1	80	000	00	0097	-10.9	81	000	00	1334	-13.1	85	306	04	2799	-18.1	65	295	09
27	1009	-11.8	80	360	03	0089	-12.2	80	008	03	1319	-16.4	84	080	05	2771	-21.1	81	087	08
28	1011	-10.2	80	040	05	0104	-10.2	81	042	05	1341	-15.9	84	096	07	2804	-17.6	87	059	15
29	1014	-08.9	80	000	00	0127	-09.9	81	000	00	1372	-13.4	79	000	00	2847	-15.0	76	027	09
30	1010	-05.4	88	340	08	0098	-6.9	88	340	08	1384	-13.4	88	030	09	2836	-15.5	85	012	06
31	1011	-06.3	88	340	05	0105	-06.7	86	340	05	1357	-09.4	85	353	05	2846	-15.1	79	007	09
MN	1020	-13.4	80			167	-13.0	82			1405	-13.1	69	336	03	2872	-18.3	59	334	05

Day	500 MBS				400 MBS				300 MBS				200 MBS							
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
	01	5247	-38.9	A22	007	04	6749	-47.9	004	07	8598	-53.8	008	05	11283	-43.9	006	04		
02	5283	-41.1	040	04	6772	-50.1	358	05	8642	-48.9	352	07	11348	-44.2	352	07				
03	5393	-34.1	70	015	18	6929	-43.8	024	20	8805	-54.6	029	20	11492	-43.7	009	10			
04	5360	-35.7	56	341	20	6884	-44.5	346	25	8766	-51.9	360	26	11465	-43.3	017	09			
05	5340	-37.4	36	021	12	6849	-47.0	039	15	8727	-49.6	031	16	11435	-43.4	029	08			
06	5315	-33.5	77	350	20	6853	-42.9	353	14	8743	-55.0	350	12	11415	-44.1	056	08			
07	5197	-35.7	A22	335	10	6717	-45.2	345	06	8611	-49.8	350	05	11325	-42.4	345	06			
08	5145	-35.5	76	027	07	6667	-44.4	016	08	8561	-47.9	037	09	11288	-41.2	005	06			
09	5149	-35.0	40	065	03	6676	-44.4	050	05	8561	-49.3	035	06	11292	-40.3	354	04			
10	5173	-35.1	35	251	01	6694	-45.1	000	00	8568	-51.3	084	06	11267	-42.9	006	01			
11	5227	-35.2	37	183	08	6750	-45.2	220	03	8633	-50.9	188	05	11337	-42.9	247	04			
12	5322	-33.3	60	280	09	6852	-44.5	299	09	8732	-54.2	319	15	11412	-44.7	255	10			
13	5364	-33.8	76	260	09	6895	-44.5	267	09	8774	-54.1	258	11	11454	-44.5	268	08			
14	5365	-33.8	75	274	19	6896	-43.7	271	16	8781	-50.1	286	17	11481	-43.5	288	13			
15	5424	-31.4	A21	309	14	6884	-44.7	314	16	8774	-47.7	304	20	11481	-43.5	310	14			
16	5496	-26.7	28	011	07	6973	-44.6	352	16	8868	-52.7	326	24	11489	-43.7	329	15			
17	5465	-25.9	A19	197	11	7042	-37.4	A22	231	12	8974	-51.4	266	20	11605	-46.6	295	09		
18	5375	-30.0	A20	244	26	6940	-37.8	A22	240	33	8872	-49.1	287	30	11568	-44.1	307	25		
19	5274	-33.8	53	288	22	6812	-41.6	287	30	8766	-39.9	311	29	11536	-42.3	311	29			
20	5345	-33.5	58	314	20	6875	-44.6	307	25	8791	-43.6	037	21	11553	-42.9	020	12			
21	5379	-30.2	56	025	18	6935	-41.2	036	29	8841	-49.8	049	16	11527	-45.0	049	16			
22	5396	-28.2	39	060	19	6962	-39.5	39	061	18	8868	-53.7	049	16	11527	-45.0	049	16		
23	5423	-28.2	A19	116	28	6986	-40.7	016	22	8827	-51.5	095	19	11526	-43.2	095	19			
24	5374	-30.2	67	011	16	6926	-41.8	301	16	8699	-41.5	298	09	11475	-40.0	337	07			
25	5239	-34.3	60	296	13	6765	-44.4	091	16	8669	-38.5	084	07	11475	-38.8	084	07			
26	5190	-36.0	71	097	15	6714	-43.0	069	21	8713	-45.6	069	18	11459	-41.2	070	07			
27	5255	-32.2	47	068	18	6798	-42.1	035	19	8778	-50.0	039	13	11502	-41.0	043	11			
28	5318	-29.6	70	041	11	6877	-40.3	034	10	8770	-50.0	021	10	11506	-40.6	014	10			
29	5307	-30.0	62	038	07	6864	-40.5	015	17	8784	-53.1	028	15	11472	-42.8	006	09			
30	5307	-30.0	62	038	07	6864	-40.5	015	17	8784	-53.1	028	15	11472	-42.8	006	09			
31	5319	-29.0	71	010	11	6875	-40.8													
MN	5316	-32.9	50	343	07	6854	-43.0	28	347	08	8754	-49.7	353	10	11460	-43.0	349	05		

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
	01	13214	-44.2	348	03	15937	-43.8	030	01	17436	-44.5	059	03	20582	-44.8	094	04
02	13279	-44.0	360	07	16003	-43.8	018	03	17501	-44.5	081	04	20643	-44.9	068	02
03	13428	-43.3	021	05	16162	-42.6	348	03	17667	-43.4	013	05	20820	-45.3	126	02

SUMMARY OF CONSTANT PRESSURE DATA

JUNE 1959

MOULD BAY, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.				
01	1011	-04.2	85	340	01	1005	-05.1	84	334	01	1364	-08.6	82	323	05	2860	-14.2	57	334	06
02	1010	-04.2	85	000	00	0999	-05.4	80	000	00	1359	-10.0	84	295	03	2849	-14.2	39	255	06
03	1009	-01.8	85	320	02	0091	-02.5	85	301	02	1354	-13.6	87	244	01	2827	-17.2	64	206	04
04	1011	-03.4	85	040	05	0106	-03.8	82	039	05	1375	-08.7	72	105	05	2869	-13.3	54	075	03
05	1014	-03.0	85	040	07	0129	-04.0	87	042	07	1403	-07.3	81	074	10	2889	-14.6	40	094	09
06	1016	-04.1	81	040	04	0145	-05.6	84	045	05	1414	-05.6	73	067	07	2916	-12.3	24	085	08
07	1010	-01.6	88	040	07	0099	-02.3	88	040	07	1370	-08.3	61	035	10	2885	-08.4	A15	050	13
08	1007	-02.1	88	090	06	0075	-02.8	79	087	06	1341	-10.4	83	104	09	2821	-16.4	83	086	10
09	1006	-03.0	85	180	03	0067	-03.7	84	175	03	1328	-11.0	83	155	05	2803	-17.5	82	090	11
10	1008	-01.4	78	320	04	0084	-02.0	79	318	04	1349	-12.9	85	345	03	2819	-17.3	71	329	06
11	1006	-02.5	85	250	05	0067	-03.0	86	247	05	1348	-04.7	83	263	07	2859	-09.9	35	299	06
12	1011	000.4	85	250	08	0068	-00.7	90	225	08	1347	-08.5	92	252	10	2845	-12.3	88	233	15
13	1013	001.6	75	040	06	0123	000.0	80	046	06	1402	-09.5	87	073	03	2903	-12.0	48	022	02
14	1017	001.4	85	040	07	0156	-00.1	86	041	07	1441	-08.1	70	051	09	2947	-10.9	82	005	03
15	1028	002.2	75	040	05	0243	000.2	77	024	06	1522	-07.8	74	034	04	3033	-09.9	30	036	06
16	1029	000.6	85	010	06	0249	-01.0	85	003	08	1537	-03.1	39	031	06	3070	-07.0	50	018	04
18	1029	001.9	72	020	03	0250	-00.3	73	020	05	1544	-01.3	24	004	04	3078	-06.4	47	005	02
19	1029	003.1	64	310	07	0252	001.3	55	301	09	1553	-02.1	69	307	08	3084	-08.0	52	300	10
20	1026	003.9	64	290	07	0227	001.9	61	286	09	1525	-01.0	31	290	09	3059	-08.9	80	300	15
21	1018	002.2	89	290	08	0164	001.2	90	290	12	1471	-05.0	89	296	16	3018	-05.0	27		
22	1019	001.8	85	320	06	0171	000.3	85	320	08	1451	-05.5	76	339	11	3079	-05.0	A15	355	11
23	1016	001.9	89	334	11	0093	001.3	90	332	12	1404	003.4	91	352	15	2964	-05.1	84		
24	1016	001.9	92	340	06	0148	000.8	93	347	07	1443	-01.6	95	359	07	2981	-05.8	63	355	17
25	1025	002.1	78	180	03	0218	000.6	80	203	03	1519	-01.2	77	025	05	3046	-08.7	62	350	05
26	1029	004.5	70	180	03	0252	002.1	67	210	05	1552	-01.9	72	085	04	3086	-06.7	76	037	05
27	1031	004.8	73	200	02	0268	003.0	74	205	06	1573	-00.1	41	165	05	3115	-05.9	68	090	04
28	1027	002.5	76	180	05	0238	005.0	58	210	04	1542	-02.5	57	219	07	3072	-07.4	75	315	02
29	1023	005.9	68	210	02	0206	004.9	69	249	05	1522	001.3	28	322	05	3065	-07.3	73	285	06
30	1018	008.6	56	320	05	0167	006.2	59	316	05	1492	004.0	37	348	04	3045	-05.8	67	339	05
ME	1017	00.8	80			156	-00.5	79			1441	-05.0	69	353	03	2996	-10.2	56	354	03

Day	500 MBS				400 MBS				300 MBS				200 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	5338	-29.4	42	355	10	6894	-41.0		350	13	8793	-54.3		351	15	11478	-42.8		359	05	
02	5326	-30.0	33	122	08	6877	-41.6		206	08	8774	-52.1		220	05	11481	-42.0		000	00	
03	5295	-30.5	33	178	10	6845	-41.0		164	16	8775	-43.7		159	15	11517	-42.1		205	04	
04	5365	-27.2	56	087	09	6939	-38.1	41	069	12	8866	-46.7		060	10	11599	-41.5		053	06	
05	5375	-28.6	A19	085	17	6935	-40.2		089	25	8837	-47.0				11574	-44.0				
06	5426	-25.9	36	105	12	7007	-35.8	A21	114	26	8944	-48.9		126	37	11605	-45.3				
07	5414	-24.5	50	069	18	7005	-35.0	A21	053	25	8947	-49.0				11593	-45.7		082	06	
08	5291	-30.8	A20	071	17	6840	-42.1		070	19	8790	-42.5		075	24	11559	-39.8		069	04	
09	5251	-33.4	68	130	05	6781	-44.4		136	08	8727	-38.7		118	08	11511	-39.1		082	06	
10	5268	-33.1	30	334	08	6805	-42.3		328	12	8756	-39.8		349	05	11530	-39.0		356	02	
11	5390	-24.7	80	305	23	6980	-35.5	73	310	26	8920	-50.2				11603	-43.0				
12	5342	-27.6	75	264	18	6910	-39.5	68			8828	-45.9				11566	-42.1				
13	5399	-27.2	54	258	13	6969	-38.9	58	243	14	8885	-51.4		261	21	11603	-42.8		250	08	
14	5397	-28.7	66	216	02	6958	-40.4		216	04	8869	-46.7		220	06	11605	-41.1		304	03	
15	5450	-27.7	75	000	00	7016	-39.8	71	218	03	8927	-48.2		306	01	11661	-41.8		335	08	
16	5552	-25.3	A19	041	13	7139	-35.9	A20	057	14	9076	-49.4		051	31	11755	-46.7		066	08	
17	5640	-19.3	37	080	09	7261	-31.5	A20	066	17	9231	-47.4		061	19	11855	-48.2		098	04	
18	5633	-21.2	A18	212	04	7248	-32.4	30	218	06	9207	-48.0		251	05	11824	-47.4		320	04	
19	5646	-20.7	50	345	07	7260	-32.6	43	355	05	9222	-48.9		005	05	11850	-48.8		330	05	
20	5618	-20.1	71	304	14	7234	-32.1	70	298	16	9207	-45.7		281	24	11842	-49.2				
21	5577	-21.0	75			7189	-32.4	74			9157	-47.4				11803	-45.8				
22	5458	-19.5	55	006	23	7179	-31.7	46			9143	-48.4				11778	-47.3				
23	5534	-21.0	53			7146	-32.4	65			9109	-48.3				11736	-45.9				
24	5545	-21.0	49	344	23	7152	-33.7	30			9102	-49.0				11724	-47.2				
25	5587	-24.0	65	335	23	7178	-35.8	64	332	23	9122	-48.9		320	25	11754	-47.6				
26	5631	-24.2	68	015	08	7225	-35.4	64	018	11	9161	-51.1		014	11	11790	-47.1		095	03	
27	5669	-24.2	68	295	03	7264	-35.5	54	022	04	9198	-51.0		023	07	11844	-46.3		053	08	
28	5611	-24.8	32	324	03	7199	-35.9	35	312	06	9142	-49.7		329	06	11806	-45.9		194	03	
29	5620	-22.7	A18	358	02	7219	-35.7	A21	344	02	9150	-51.2		334	02	11803	-45.2		038	01	
30	5607	-21.8	A18	318	03	7211	-34.3	A21	318	04	9158	-48.9		004	05	11782	-47.0		029	04	
31																					
ME	5479	-25.3	49	352	05	7062	-36.7	46	37	04	9001	-47.9		36	04	11682	-44.5				

Day	150 MBS				100 MBS				80 MBS				50 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. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	13422	-42.5	021	06	16168	-40.9	064	03	17686	-40.1	065	02	20898	-39.9	065	04
02	13426	-42.5	086	02	16177	-40.9	105	04	17695	-40.9	116	03	20905	-40.4	100	04
03	13461	-42.0	113	03	16210	-41.2	086	04	17727	-40.4	087	04	20917	-41.5	058	03
04	13550	-42.4	058	05	16298	-41.1	032	04	17817	-40.8	055	04	21030	-39.7	055	05
05	13507	-44.1			16235	-42.6			17745	-40.9			20938	-41.1		
06	13534	-43.4			16256	-43.3			17762	-43.0			20957	-40.8		
07	13524	-43.8														

SUMMARY OF CONSTANT PRESSURE DATA

JUNE 1959

MOULD BAY, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 74072 76°14'N 119°20'W 20 METERS

Z	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.				
01	1010	-06.4	88	250	02	0098	-07.0	88	226	02	1353	-07.3	80	360	03	2847	-13.7	60	275	03
02	1009	-04.2	88	000	00	0091	-04.8	86	000	00	1350	-11.0	72	312	04	2828	-15.2	58	205	05
03	1009	-03.7	88	000	00	0091	-04.3	87	000	00	1349	-13.6	87	000	00	2828	-15.8	78	154	02
04	1013	-05.8	88	020	04	0121	-06.6	89	022	05	1385	-09.8	88	054	07	2874	-15.4	86	048	08
05	1015	-05.7	88	040	04	0136	-05.4	88	076	04	1407	-06.5	80	084	07	2908	-13.0	27	093	08
06	1014	-03.6	85	040	04	0129	-04.5	85	038	04	1404	-04.6	79	047	07	2910	-12.5	79	080	05
07	1007	-06.4	88	070	07	0074	-06.9	88	071	07	1333	-04.9	79	067	10	2842	-11.9	37	063	16
08	1005	-02.6	88	040	06	0060	-02.5	88	040	06	1331	-10.8	88	024	02	2813	-17.1	71	076	05
09	1007	-04.3	84	040	02	0073	-04.6	85	055	02	1338	-11.8	84	113	04	2809	-16.8	81	063	04
10	1009	-04.8	84	000	00	0091	-04.9	87	000	00	1358	-07.6	87	000	00	2850	-14.3	45	923	10
11	1004	-01.8	92	270	03	0052	-02.0	92	270	03	1328	-06.5	88	270	09	2832	-11.8	25	266	10
12	1008	-01.3	88	240	07	0084	-01.7	88	240	07	1358	-08.9	91	263	09	2855	-12.0	86	256	15
13	1012	-00.8	88	000	00	0115	-01.3	87	000	00	1391	-01.3	93	209	02	2889	-12.8	68	247	03
14	1014	-00.7	92	045	07	0131	-01.0	90	044	07	1411	-08.4	87	046	07	2917	-11.2	87	090	04
15	1024	-01.9	81	040	03	0209	-02.5	84	058	04	1486	-08.2	74	048	08	2996	-10.1	51	037	06
16	1029	-00.7	88	360	07	0247	-03.0	90	007	07	1525	-03.0	50	044	06	3048	-08.7	A15	040	08
17	1029	-01.6	88	040	04	0247	-03.8	89	036	05	1537	-00.9	24	049	05	3078	-05.0	48	069	05
18	1030	-01.7	92	340	02	0254	-01.1	91	331	03	1553	-01.8	37	321	06	3090	-07.0	49	331	04
19	1028	-00.3	85	290	05	0240	-01.8	82	294	10	1539	-01.3	40	299	07	3068	-08.1	58	287	08
20	1022	000.5	92	270	06	0194	-00.4	91	270	08	1502	000.2	52	314	11	3051	-05.8	81	311	14
21	1019	000.7	96	340	05	0170	-00.1	96	348	06	1462	-03.3	93	345	09	2985	-08.0	A15	335	16
22	1012	000.9	89	320	08	0115	000.1	90	319	09	1422	003.6	99	345	17	2982	-03.5	95	342	18
23	1013	001.2	92	360	03	0123	000.3	93	357	06	1422	000.0	95	353	11	2962	-05.5	85	351	20
24	1022	000.5	85	020	05	0194	-00.8	86	021	05	1489	-00.2	79	022	14	3029	-05.1	71	354	9
25	1027	000.8	85	000	00	0234	000.8	78	000	00	1534	-01.1	80	005	03	3062	-08.1	30	357	06
26	1030	002.5	79	160	04	0258	001.4	78	175	08	1560	000.2	57	149	03	3101	-05.5	69	055	04
27	1029	003.1	73	180	03	0252	002.9	60	197	06	1558	-00.6	27	176	05	3094	-06.6	60	105	03
28	1025	003.9	79	180	05	0221	004.7	68	204	07	1524	-02.3	38	262	06	3059	-05.5	48	294	03
29	1020	000.9	92	270	04	0179	000.0	95	273	05	1494	002.0	34	284	06	3039	-04.8	30	360	04
30	1017	003.6	79	000	00	0157	003.4	73	000	00	1484	004.9	77	294	03	3040	-06.3	75	231	01
MN	1017	-01.3	87			155	-01.9	86			1440	-04.3	71	348	03	2956	-09.9	59	353	04

Z	500 MBS				400 MBS				300 MBS				200 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	5335	-29.8	63	280	05	6889	-41.2	275	05	8787	-53.3	278	04	11480	-42.7	003	03	
02	5299	-30.7	A20	184	07	6850	-41.2	165	15	8764	-45.3	166	11	11501	-42.1	118	07	
03	5295	-30.7	A22	150	09	6850	-39.7	A22	146	18	8791	-44.0	136	13	11528	-42.0	093	04
04	5349	-29.3	51	049	12	6902	-41.1	042	18	8833	-44.0	048	14	11554	-44.5	066	08	
05	5404	-26.8	A19	102	18	6975	-38.8	34	107	26	8895	-50.1	113	25	11587	-45.3	106	21
06	5422	-23.8	A18	093	17	7018	-35.3	41	107	25	8974	-47.4	117	32	11611	-47.1		
07	5344	-27.2	A19	057	27	6914	-38.1	A22	050	34	8846	-47.0			11561	-43.9		
08	5257	-33.2	51	075	09	6791	-43.7	064	13	8742	-39.3	077	10	11523	-38.8	089	09	
09	5293	-33.7	64	023	05	6789	-43.6	049	05	8736	-39.1	047	02	11521	-38.7	004	01	
10	5318	-31.0	A20	335	16	6867	-41.0	332	26	8798	-43.9	334	10	11541	-40.5	339	03	
11	5325	-28.5	A19	266	18	6891	-37.8	A22	266	19	8850	-43.8	267	21	11598	-40.4	269	02
12	5348	-27.6	50	258	17	6912	-39.4	31	254	13	8822	-46.8	254	11	11551	-43.3	258	06
13	5380	-28.8	68	235	08	6932	-41.2	240	13	8852	-47.2	250	10	11595	-40.2	284	03	
14	5417	-28.0	76	113	03	6980	-39.8	70	147	02	8894	-47.3	098	02	11634	-41.3	349	07
15	5508	-27.0	50	043	05	7077	-38.8	49	039	07	8995	-49.4	053	07	11713	-42.8	004	06
16	5575	-23.2	63	043	19	7176	-33.1	59	040	11	9132	-49.1	045	32	11802	-44.0		
17	5655	-19.1	A17	117	06	7269	-32.3	A20	114	08	9232	-48.0	263	04	11859	-47.8	304	03
18	5640	-21.4	34	300	06	7249	-32.7	37	286	05	9204	-49.5	275	09	11833	-47.5	335	10
19	5631	-18.8	A17	291	11	7252	-31.0	29	313	13	9227	-46.5	350	12	11845	-50.1	337	11
20	5624	-19.2	68	316	17	7243	-31.8	52	315	21	9207	-48.2	312	24	11817	-48.9		
21	5530	-21.1	27	351	13	7140	-33.1	37	356	18	9093	-49.1	012	23	11748	-45.8	346	15
22	5565	-19.5	75	349	16	7185	-31.4	67			9149	-48.1			11759	-49.2		
23	5536	-21.7	63	349	16	7136	-34.6	64	330	08	9088	-49.4	334	15	11751	-47.4	347	15
24	5588	-22.5	68	350	21	7184	-35.0	58	340	25	9128	-49.3			11745	-47.4		
25	5596	-24.0	53	011	10	7185	-35.5	42	010	11	9130	-50.4	005	10	11751	-47.0	009	07
26	5645	-23.6	66	024	06	7234	-36.2	65	006	06	9162	-52.0	036	07	11788	-47.6	096	05
27	5634	-24.3	45	075	07	7220	-36.4	A21	109	05	9162	-49.6	103	07	11804	-46.9	163	03
28	5603	-23.5	62	337	04	7195	-35.5	45	243	02	9133	-50.7	234	03	11780	-46.9	289	01
29	5606	-22.0	46	304	04	7208	-34.2	36	296	03	9153	-50.1	359	06	11797	-46.7	008	02
30	5596	-22.0	33	303	04	7202	-34.1	41	330	05	9153	-49.2	025	04	11793	-46.1	219	03
MN	5476	-25.4	46	11	05	7057	-36.9	42	11	03	8998	-47.6	23	03	11678	-44.7	20	03

Z	150 MBS				100 MBS				80 MBS				50 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. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	13425	-42.0	010	02	16177	-41.1	078	03	17695	-41.1	077	03	20891	-41.2	074	05
02	13448	-42.6	079	04	16196	-41.0	119	05	17717	-41.5	124	04	20912	-40.8	065	06
03	13475	-42.0	090	05	16219	-42.3	069	04	17733	-41.0	051	02	20918	-42.1	094	06
04	13489	-42.9	033	07	16214	-43.3	064	10	17725	-42.2	069	05	20922	-41.9	098	05
05	13517	-43.6			16241	-43.5			17745	-42.9			20929	-41.6		
06	13530	-44.5			16249	-44.0			17753	-42.9			20945	-40.5		
07	13500	-43.7			16222	-42.6			17732	-42.1						

SUMMARY OF CONSTANT PRESSURE DATA

JANUARY 1959

RESOLUTE, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION

72924 74°43'N 94°59'W 64 METERS

Z h	SURFACE				1000 MBS				850 MBS				700 MBS				
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	
01	1001	-33.2	54	0000	00649	-32.8	56	0000	1222	-31.2	63	238 04	2589	-35.0	53	246 12	
02	1014	-44.4	32	0006	0135	-44.4	66	666 66	1269	-36.8	66	666 66	2605	-41.3	33	218 07	
03	1023	-41.2	74	0000	0218	-38.8	66	0000	1365	-29.3	33	153 02	2750	-30.6	33	228 09	
04	1027	-20.0	78	0900	15	0260	-19.6	86	110 21	1486	-13.3	85	167 08	2950	-19.2	81	216 16
05	1021	-16.6	87	1105	20	0219	-14.7	86	114 19	1461	-04.1	81	151 05	2978	-15.1	70	185 05
06	1018	-19.3	79	0400	11	0197	-13.4	58	066 11	1450	-08.7	46	096 09	2941	-14.7	A16	135 05
07	1021	-24.8	78	0700	11	0214	-21.6	71	079 08	1432	-12.6	53	030 04	2901	-18.4	70	305 04
08	1025	-24.3	74	0500	13	0244	-17.4	40	064 15	1455	-19.1	A17	070 19	2913	-21.5	A18	088 20
09	1022	-23.6	70	0300	09	0223	-19.6	39	044 09	1427	-22.7	45	036 14	2867	-21.9	A18	033 07
10	1024	-31.4	65	3400	05	0232	-25.0	62	344 08	1441	-20.1	40	003 11	2862	-26.7	32	012 10
11	1022	-32.6	71	3200	01	0214	-33.8	65	321 03	1408	-23.4	60	022 06	2815	-26.4	40	358 09
12	1015	-36.2	65	0900	05	0167	-30.8	67	102 06	1337	-25.0	69	115 05	2739	-28.8	60	102 11
13	1011	-30.1	65	1200	02	0139	-29.7	64	135 02	1315	-25.5	61	102 02	2721	-27.2	32	062 04
14	1013	-31.8	65	3200	02	0154	-28.9	69	335 02	1353	-23.7	75	081 02	2728	-29.7	77	068 08
15	1017	-31.6	55	0000	00	0182	-29.0	60	335 01	1366	-25.3	74	088 10	2760	-30.0	69	095 13
16	1024	-31.1	65	1200	01	0232	-25.6	70	000 00	1422	-25.0	78	000 00	2828	-28.0	79	098 07
17	1023	-18.3	74	0500	06	0232	-15.7	65	085 08	1458	-13.1	67	130 07	2925	-18.6	70	167 10
18	1013	-18.3	83	0900	11	0158	-18.6	84	666 66	1398	-13.1	84	132 08	2861	-18.5	81	142 11
19	993	-12.2	84	0900	13	0005				1250	-13.7	84	097 13	2731	-15.4	80	122 11
20	997	-10.8	84	1600	06	0040				1284	-12.9	82	102 03	2741	-20.9	77	120 10
21	1011	-20.4	75	3200	04	0142	-19.2	73	322 04	1364	-16.0	71	070 02	2806	-23.8	65	092 04
22	1006	-17.9	79	0000	00	0107	-17.3	78	000 00	1325	-20.3	86	105 08	2763	-25.1	88	066 11
23	1013	-19.4	87	0400	14	0158	-16.8	85	054 12	1373	-20.8	83	078 11	2793	-27.7	78	088 12
24	1001	-23.9	74	0200	10	0069	-24.1	75	020 10	1288	-16.0	54	032 10	2730	-23.7	43	035 10
25	985	-30.0	81	3400	11	-04.5				1138	-20.9	71	040 14	2565	-23.3	68	037 09
26	992	-23.8	70	0700	11	-00.1				1213	-20.1	78	088 11	2658	-21.1	68	078 18
27	999	-24.3	74	0000	00	0055				1263	-20.7	60	232 09	2684	-29.1	54	234 09
28	1001	-36.1	47	0000	00	0069	-35.9	48	000 00	1257	-20.8	59	221 06	2700	-29.4	36	178 07
29	1002	-31.1	65	3400	06	0076	-31.2	65	340 06	1309	-18.6	48	007 12	2464	-23.2	27	360 14
30	1009	-30.8	68	0300	05	0135	-30.9	68	030 05	1309	-18.6	48	007 12	2464	-23.2	27	360 14
31	1004	-32.3	65	1400	04	0090	-32.1	65	141 03	1279	-16.6	46	305 13	2726	-22.3	39	318 18
MR	1011	-26.6	72			142	-25.7	67		1344	-20.0	63	63 04	2775	-24.6	57	82 04

Z h	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	4883	-47.0		250 21	6337	-54.2		253 29	8167	-57.7		227 20	10730	-57.9		
02	4858	-46.3		227 15	6333	-50.8		231 20	8195	-54.7			10776	-57.4		
03	5084	-43.3		230 21	6568	-49.0		229 41	8432	-56.1			10967	-62.4		
04	5395	-30.7	75	210 20	6945	-42.7			8831	-57.5			11301	-70.4		
05	5465	-26.8	69	184 09	7053	-35.7	59	187 15	8991	-51.3		196 19	11502	-71.8		
06	5415	-31.8	39	182 10	6970	-40.0	60	182 18	8882	-53.0		200 12	11389	-71.0	235	08
07	5366	-29.2	A19	262 12	6923	-41.6		255 13	8814	-56.2		228 11	11304	-64.9		221 07
08	5346	-32.8	A20	251 03	6885	-44.5		191 05	8753	-58.0		195 10	11262	-65.1		193 07
09	5278	-35.6	59	354 03	6794	-46.7		009 07	8655	-57.8		023 07	11172	-60.0		021 03
10	5249	-38.9	A22	355 05	6754	-47.6		039 03	8621	-55.0		311 02	11200	-57.4		329 05
11	5186	-38.8	A22	023 10	6686	-47.7		356 08	8552	-54.1		358 09	11147	-55.4		342 08
12	5106	-38.2	A22	100 18	6610	-47.2		091 23	8494	-51.6		086 14	11121	-52.8		064 13
13	5084	-40.6		062 12	6581	-48.5		072 13	8451	-53.3		068 10	11069	-52.9		054 08
14	5095	-37.4	A22	052 12	6602	-47.4		046 15	8477	-53.3		049 11	11085	-54.5		034 11
15	5114	-41.1		160 16	6607	-48.8		097 20	8481	-52.9		047 14	11095	-52.8		046 11
16	5186	-40.5	073 17	6684	-47.6		082 15	8554	-53.8		090 11	11163	-53.1		045 07	
17	5351	-36.1	67	161 16	6861	-48.0		182 14	8706	-60.3		193 15	11235	-58.7		277 04
18	5281	-37.0	67	178 14	6789	-48.5		171 16	8630	-59.7		167 16	11166			
19	5253	-42.4	51	148 27	6846	-37.1	58	156 29	8768	-52.1			11332			
20	5193	-34.4	66	086 22	6686	-43.3		102 20	8578	-52.0		104 20	11201	-53.6		
21	5195	-37.7	35	153 05	6700	-47.1		120 05	8578	-53.5		132 12	11191	-54.2		063 09
22	5140	-39.5	71	117 10	6640	-48.1		126 12	8502	-56.5		124 09	11078	-55.0		048 08
23	5191	-40.8	099 19	6646	-48.2		091 13	8495	-58.0		088 24	11039	-58.2		067 20	
24	5114	-38.6	35	025 07	6615	-48.6		022 08	8467	-56.6		324 03	11039	-59.2		326 05
25	4950	-39.6	54	094 04	6442	-50.1		146 04	8297	-59.2		072 07	10865	-58.7		052 12
26	5058	-39.2	58	061 17	6555	-48.0		083 12	8408	-59.0		083 12	10932	-61.1		031 15
27	5036	-41.2	037 05	6521	-51.1		338 06	8346	-61.3		359 06	10858	-61.1		020 14	
28	5009	-42.8	061 10	6480	-53.9		094 16	8289	-61.0		053 24	10824	-60.1		052 17	
29	5038	-38.4	69	027 25	6546	-47.0		8399	-59.7				10892	-63.3		
30	5141	-37.5	51	25	6546	-47.9		8503	-58.4				10922	-64.1		
31	5124	-38.4	63	332 19	6624	-49.1		333 23	8449	-59.4			10956	-64.3		
MR	5165	-37.5	48	109 03	6675	-47.0	59	137 04	8541	-56.1		108 05	11092	-59.8		44 06

Z h	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12534	-60.7			15032	-64.2			16385	-67.9			19155	-75.6		
02	12572	-62.8			15058	-66.2			16398	-70.1			19154			
03	12728	-64.5			15184	-68.4										
04	13018	-68.2			15426	-72.7			16729	-74.8			19431	-79.0		
05																
06	13086	-70.8		192 07	15493	-72.6		213 09	16795	-75.4		232 10	19476			
07	13043	-64.7		215 07	15495	-69.4		219 07	16813	-73.4		226 07				
08	13022	-63.1		206 09	15479	-68.0		201 04	16803	-72.4		030 02			004 14	
09	12962	-61.8		313 05	15442	-68.2		298 05	16776	-69.7		001 00	19540	-76.2		
10	13016	-59.6		330 08	15535	-63.7		349 12	16894	-65.9		352 11	19721	-70.8		354 24
11	12969	-58.5		006 12	15493	-62.9		350 12	16860	-65.1		352 15	19666	-73.6		334 23
12	12960	-56.4		043 08	15507											

SUMMARY OF CONSTANT PRESSURE DATA

JANUARY 1959

RESOLUTE, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

Z	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.
01	1006	-37.0	56	320 03	0103	-36.9	57	322 03	1235	-35.0	64	252 04	2579	-39.8	65	237 09
02	1020	-44.7	58	330 03	0194	-42.9	329 04	1316	-34.3	48	293 01	2667	-37.1	A22	307 06	
03	1027	-30.7	58	050 08	0255	-24.1	67 095 10	1439	-21.6	A18	136 05	2862	-26.2	A19	196 09	
04	1024	-16.7	57	070 04	0241	-15.5	82 666 66	1492	-08.0	75	666 66	2975	-17.0	73	165 11	
05	1029	-12.8	84	020 05	0213	-12.3	74 050 08	1471	-06.3	A15	064 06	2968	-13.9	A16	125 02	
06	1019	-19.6	79	070 11	0202	-16.7	63 080 11	1434	-11.0	48	102 07	2911	-15.7	A16	261 01	
07	1023	-25.6	74	050 10	0229	-19.5	42 075 09	1437	-17.1	A17	066 15	2879	-21.5	A18	035 05	
08	1025	-22.8	74	230 05	0241	-24.1	54 015 07	1458	-16.0	A16	062 10	2911	-20.1	A17	063 10	
09	1022	-29.3	66	320 03	0220	-22.4	60 350 04	1433	-19.0	31	046 06	2865	-23.1	A18	013 06	
10	1024	-35.0	60	000 00	0228	-33.6	62 295 02	1426	-19.3	37	342 03	2852	-26.1	A19	004 09	
11	1019	-32.7	64	000 00	0194	-32.3	60 000 00	1376	-24.4	61	086 10	2777	-28.8	67	021 17	
12	1012	-32.8	54	090 01	0146	-29.5	61 090 02	1323	-24.8	61	076 07	2733	-26.6	29	084 08	
13	1010	-31.2	65	000 00	0133	-30.9	66 000 00	1305	-26.0	65	137 05	2700	-30.0	53	070 03	
14	1014	-29.1	69	000 00	0161	-29.2	65 000 00	1339	-25.7	76	060 07	2729	-31.4	68	096 11	
15	1020	-29.8	62	000 00	0204	-24.2	67 000 00	1392	-24.0	71	098 09	2804	-26.9	37	088 08	
16	1027	-29.3	62	000 00	0253	-26.0	69 000 00	1447	-22.1	43	139 07	2865	-26.1	37	180 12	
17	1018	-17.1	75	090 06	0196	-17.4	65 666 66	1436	-08.9	49	566 66	2910	-18.9	61	145 11	
18	1003	-17.2	79	130 11	0085	-16.4	78 030 11	1352	-08.9	49	086 12	2813	-16.4	74	101 18	
19																
20	1009	-22.1	74	030 03	0129	-20.3	73 140 03	1349	-16.0	26	117 04	2797	-21.8	56	108 08	
21	1008	-23.8	70	300 02	0121	-22.0	76 315 03	1340	-14.6	84	057 05	2782	-25.5	82	105 10	
22	1011	-21.2	71	090 07	0142	-19.9	71 110 07	1349	-21.8	76	083 05	2759	-28.4	59	115 10	
23	1010	-20.4	78	040 13	0136	-17.7	80 042 12	1360	-16.7	78	081 09	2798	-24.0	72	075 10	
24	989	-27.4	73	310 06	-017			1182	-17.9	58	020 12	2611	-23.8	52	003 11	
25	985	-28.7	69	000 00	-047			1146	-22.5	54	050 11	2585	-23.7	31	043 13	
26	998	-18.7	79	040 13	0044			1270	-17.5	79	089 09	2703	-25.8	66	063 08	
27	996	-34.4	72	340 07	0036			1201	-22.7	77	247 09	2609	-29.1	73	225 11	
28	1003	-32.8	64	340 05	0084	-32.3	65 338 05	1264	-21.5	58	327 07	2684	-27.1	30	318 05	
29	1004	-35.4	60	340 04	0090	-35.1	61 341 04	1270	-21.7	44	056 08	2695	-25.8	72	018 17	
30	1009	-31.6	58	000 00	0126	-30.7	60 000 00	1321	-18.4	28	330 12	2752	-22.9	52	338 20	
31	997	-32.7	58	110 05	0038			1210	-20.8	78	320 04	2654	-21.9	28	320 10	
MN	1012	-27.4	69		146	-25.3	66	1345	-19.5	54	66 04	2775	-24.8	47	56 04	

Z	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.
01	4836	-47.8	241	21	6301	-52.0	234	36	8142	-55.9			10716	-57.9		
02	4952	-46.4	291	15	6416	-52.4	240	26	8259	-55.2			10824	-59.1		
03	5271	-36.1	47	226 29	6802	-45.7	222	32	8662	-59.3			11158	-67.7		
04	5437	-27.3	50	217 15	7014	-37.7	60	219 20	8932	-52.8			217 35	11430	-72.5	
05	5437	-27.3	A19	185 12	7027	-39.7	A22	177 11	8935	-53.7			169 22	11434	-71.8	170 17
06	5389	-29.8	A20	258 12	6949	-39.3	A22	280 07	8852	-54.9			264 07	11352	-70.0	228 09
07	5319	-32.3	A20	262 10	6858	-44.5	249	10	8725	-58.5			247 09	11199	-65.5	
08	5338	-33.6	47	190 01	6868	-44.7	192	05	8742	-57.1			210 05	11231	-64.0	164 05
09	5262	-36.4	A21	309 05	6782	-45.9	275	03	8651	-57.1			325 05	11190	-58.4	338 04
10	5237	-38.9	A22	010 09	6737	-48.6	350	08	8587	-57.1			337 06	11171	-55.6	350 07
11	5107	-42.9	040	14	6596	-47.0	046	13	8490	-49.8			050 13	11119	-54.9	047 09
12	5094	-41.0	095	17	6585	-48.8	082	20	8453	-53.3			083 16	11065	-54.9	050 06
13	5041	-40.4	060	12	6543	-46.4	031	15	8427	-52.5			063 11	11042	-53.6	049 10
14	5073	-41.0	100	09	6569	-47.1	073	19	8450	-52.7			074 16	11063	-54.5	051 14
15	5168	-40.8	089	20	6455	-49.7	094	19	8517	-53.4			075 12	11132	-52.9	061 09
16	5262	-36.2	42	207 23	6776	-47.5	201	29	8636	-57.4			203 19	11198	-56.5	320 05
17	5339	-35.9	70	161 10	6849	-47.0	170	08	8700	-60.1			166 13	11198	-59.9	196 08
18	5265	-31.7	71	127 20	6624	-38.5	66	162 27	8743	-53.1			185 36	11259	-63.3	180 33
19																
20	5202	-35.3	A21	004 02	6725	-45.6	071	03	8597	-54.2			093 11	11219	-52.5	091 10
21	5168	-39.6	094	07	6671	-45.7	120	10	8543	-53.7			096 10	11144	-53.9	046 11
22	5132	-36.1	36	101 13	6642	-46.4	086	21	8503	-58.1			052 16	11050	-56.9	053 14
23	5183	-38.4	59	071 06	6683	-49.5	070	06	8529	-58.0			072 10	11072	-59.8	065 11
24	4993	-39.2	011	03	6489	-49.4	271	06	8333	-56.4			315 08	10900	-57.6	003 07
25	4979	-38.6	32	050 10	6476	-49.9	057	06	8324	-56.6			053 10	10882	-59.6	036 16
26	5070	-40.4	043	16	6562	-49.5	046	24	8400	-60.2			045 26	10890	-64.5	032 22
27	4943	-49.0	049	05	6416	-52.2	204	06	8241	-59.6			066 06	10781	-59.6	023 11
28	5029	-42.6	021	11	6507	-52.0	032	19	8342	-57.6			059 27	10885	-60.4	042 21
29	5081	-37.7	A22	023 23	6590	-47.4	040	08	8440	-59.7				10940	-65.0	
30	5148	-37.4	47	23	6657	-47.9	040	08	8504	-59.7				10990	-64.8	
31	5054	-38.5	50	320 18	6554	-49.5	320	22	8400	-58.9			323 25	10913	-61.4	320 25
MN	5161	-37.7	39	60 01	6671	-46.9	43	157 03	8535	-56.2			95 03	11081	-60.3	46 05

Z	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.
01	12518	-61.0			15008	-66.1			16353	-68.6			19136	-73.1		
02	12612	-62.1			15083	-68.1			16413	-71.0						
03	12883	-66.1			15311	-70.9			16625	-73.5			19335	-79.2		
04	13113	-73.8			15498	-72.2			16800	-75.3			19481	-80.2		
05	13124	-71.5	191	16	15508	-73.9		234 08	16810	-73.9			19497	-82.1		
06	13069	-68.6	235	09	15495	-70.2			16807	-74.4			19487	-79.8		
07	12956	-63.5			15409	-69.8			16727	-73.1			19432	-79.8		
08	13001	-63.3	148	02	15472	-67.8		013 02	16804	-71.5			19554	-75.9	005 12	
09	12994	-60.4	332	06	15499	-64.2		359 08	16855	-67.1			19648	-73.3	359 20	
10	12975	-57.8	389	08	15520	-63.3		354 15	16811	-66.0			19690	-72.0	348 23	
11	12947	-59.1	039	09	15469	-62.2		016 12	16839	-65.8			19636	-75.3	360 17	
12	12904	-55.8	062	17	15456	-60.8		327 14	16831	-64.2			19655	-71.3	369 24	
13	12880	-56.5	018	08	15408	-62.7		356 12	16774	-65.0			19614	-67.3	355 31	
14	12893	-57.4														

SUMMARY OF CONSTANT PRESSURE DATA

FEBRUARY 1959

RESOLUTE, N.W.T.

00 GMT.

 STATION INSTRUMENTATION
 USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 72924 74°43'N 94°59'W 64 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS								
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind					
	(Pres. on Sfc.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	(Pres. on Sfc.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.					
01	0994	-33.6	64	280	02	0019			1193	-24.4	60	013	07	2598	-28.1	A19	325	06			
02	0989	-38.1	66	360	04	-015			1142	-29.0	69	051	10	2535	-30.4	50	040	10			
03	0979	-37.4	66	290	01	-085			1027	-42.5	66	088	03	2395	-28.3	50	006	10			
04	0999	-31.2	65	020	08	0051			1221	-30.4	72	071	13	2615	-28.8	70	082	15			
05	0996	-34.4	51	310	08	0031			1207	-25.8	54	013	12	2618	-25.8	30	031	10			
06	0995	-31.5	58	040	10	0026			1212	-25.0	72	035	15	2638	-24.6	A18	030	23			
07	0993	-27.2	66	290	05	0009			1176	-22.4	72	331	11	2595	-26.4	A19	288	07			
08	0991	-33.3	72	330	13	0001			1143	-26.0	72			2541	-28.5	72					
09	1000	-39.2	66	340	06	0062	-39.2	66	340	06	1202	-29.8	64	026	11	2585	-32.0	51	348	12	
10	0997	-38.4	66	310	08	0043			1184	-29.4	71			2555	-34.7	44					
11	0992	-36.7	64	300	05	0007			1151	-28.8	50	666	66	2531	-32.4	41	666	66			
12	0992	-41.1	350	09	0006				1145	-29.0	64	023	10	2547	-28.4	38	042	04			
13	0993	-38.4	66	320	09	0019			1173	-28.2	73	666	66	2581	-26.2	71	666	66			
14	0983	-31.5	72	320	14	-058			1109	-21.0	57	666	66	2552	-22.9	34	666	66			
15	0987	-38.3	66	340	04	-031			1111	-26.1	63	345	16	2528	-25.3	60	340	17			
16	0996	-34.4	64	020	12	0033			1191	-30.3	67	048	13	2578	-29.3	43	037	11			
17	1008	-38.7	66	290	01	0118	-37.0	66	325	03	1289	-23.7	78	338	06	2697	-28.3	70	348	09	
18	1007	-37.7	66	340	03	0110	-36.0	66	335	03	1286	-22.4	73	320	10	2692	-29.1	81	325	12	
19	1000	-33.3	72	110	03	0062	-33.3	72	110	03	1247	-20.7	72	000	00	2665	-28.0	78	339	13	
20	1016	-32.7	58	000	00	0174	-28.8	53	000	00	1371	-21.0	43	013	04	2787	-28.1	69	337	03	
21	1017	-32.0	58	110	02	0181	-29.5	63	122	03	1382	-20.0	58	227	03	2823	-22.3	A18	328	05	
22	0996	-23.4	78	160	08	0035			1244	-14.2	77	666	66	2703	-18.8	79	246	19			
23	0995	-32.2	65	310	03	0027			1200	-21.9	42	314	13	2621	-25.3	A18	318	15			
24	0995	-27.8	69	120	05	0029			1219	-19.6	78			2645	-25.8	79					
25	0983	-33.1	72	320	08	-060			1090	-27.4	72	326	07	2482	-29.5	71	261	09			
26	0986	-39.1	71	330	05	-038			1070	-41.0	71	346	06	2385	-42.9	59	145	12			
27	0992	-35.2	60	290	05	0010			1167	-29.0	71	358	10	2544	-33.8	74	360	15			
28	0997	-39.5	66	130	01	0039			1191	-26.9	65	666	66	2576	-32.0	75	292	08			
MN	995	-34.6	65			29	-34.0	63			1191	-26.3	66	5	07	2593	-28.4	53	351	08	

Day	500 MBS				400 MBS				300 MBS				200 MBS				
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	
	(Pres. on Sfc.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	
01	4951	-42.4	294	13	6428	-51.7	314	13	8264	-59.1	299	15	10819	-59.7	316	14	
02	4870	-43.4	058	10	6347	-51.6	084	13	8179	-55.9	066	18	10770	-55.5	358	17	
03	4745	-40.6	360	10	6251	-44.7	006	13	8146	-51.0	009	12	10765	-54.4	043	15	
04	4958	-42.1	081	18	6433	-53.1	079	23	8257	-60.1	058	16	10805	-57.0	036	18	
05	4983	-41.6	040	08	6466	-49.8	036	10	8303	-60.4	086	02	10845	-58.8	018	17	
06	5017	-39.5	A22	021	17	6510	-50.0	015	18	8343	-59.0	030	21	10869	-59.7	018	17
07	4947	-42.7	316	09	6425	-51.9	301	07	8260	-56.9	310	10	10829	-55.8	345	09	
08	4872	-43.7			6340	-53.2			8167	-59.0			10720	-57.4			
09	4892	-46.1	345	05	6350	-54.8	332	04	8172	-58.9	350	08	10703	-59.7	355	13	
10	4839	-47.0			6300	-52.8			8125	-58.1			10671	-59.9			
11	4855	-43.6	038	03	6328	-53.4	055	04	8154	-59.2	038	04	10695	-59.7	018	07	
12	4904	-41.1	127	10	6384	-53.0	112	13	8193	-62.8	098	08	10702	-61.3	006	08	
13	4957	-39.8	666	66	6437	-53.0	020	15	8236	-64.4	038	18	10739	-60.4	347	07	
14	4938	-40.1	003	17	6434	-48.6	073	05	8261	-63.9	052	10	10741	-63.6	359	13	
15	4889	-41.4	336	19	6369	-52.9	316	09	8177	-62.8	327	13	10697	-59.4	333	13	
16	4927	-42.2	030	15	6413	-48.7	036	25	8257	-60.4	048	25	10761	-60.5	360	21	
17	5049	-41.3	348	15	6533	-51.4	340	14	8352	-63.7	348	14	10843	-62.6	332	23	
18	5051	-38.2	A22	330	11	6551	-49.2	330	11	8382	-61.3	345	20	10918	-57.9	342	30
19	5015	-42.1	344	15	6498	-50.0	343	13	8343	-57.7	340	12	10918	-55.5	333	23	
20	5136	-43.4	350	06	6609	-50.9	349	11	8466	-56.6	342	21	11040	-55.9	325	24	
21	5227	-36.1	52	344	13	6747	-45.9	350	20	8614	-57.8	339	26	11141	-58.4	328	19
22	5138	-35.7	73	280	17	6657	-45.9	262	39	8517	-56.9	290	12	11088	-54.1		
23	4982	-42.3	300	18	6466	-48.8	286	27	8339	-50.5			10965	-50.6			
24	5001	-41.9			6480	-52.4			8300	-61.2			10860	-54.6			
25	4817	-43.6	245	09	6288	-53.1	239	11	8126	-56.6	251	15	10710	-57.6	271	13	
26	4637	-45.8	048	14	6112	-49.5	033	07	7980	-52.7	315	05	10580	-56.4	301	09	
27	4844	-46.8	015	21	6294	-56.4	023	17	8093	-62.0	357	18	10604	-60.7	328	15	
28	4885	-45.4	308	08	6349	-53.2	325	09	8180	-60.0	319	19	10685	-61.5	315	16	
MN	4940	-42.1	42	352	08	6421	-51.1	352	08	8257	-58.9	357	10	10803	-58.2	342	14

Day	120 MBS				100 MBS				80 MBS				50 MBS			
	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind	Altitude	Temp.	R.H.	Wind
	(Pres. on Sfc.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	(Pres. on Sfc.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	12626	-57.6	336	15	15164	-61.4	332	20	16545	-61.2	335	25	19470	-60.5	328	33
02	12603	-56.0			15169	-57.5			16588	-55.0			19586	-54.8		
03	12598	-56.1	347	21	15187	-55.4	340	21	16604	-56.9	330	24	19370	-60.6	332	41
04	12622	-58.2	040	23	15148	-62.1	317	20	16522	-63.2	357	20	19313	-67.5	011	30
05	12647	-60.1	018	22	15153	-63.5	016	17	16512	-66.8						
06	12681	-58.2	012	24	15195	-64.6	006	36	16548	-67.2						
07	12655	-57.3	335	15	15176	-64.2	343	14	16530	-67.5	335	22	19342	-70.4	329	40
08	12530	-59.4			15043	-63.1			16410	-64.2			19266	-66.6		
09	12504	-60.7	341	12	15000	-66.1	346	17	16347	-67.6	343	19	19153	-70.6	341	34
10	12466	-61.6			14928	-65.8			16298	-66.6			19130	-67.1		
11	12486	-62.1	355	10	14975	-65.6			16326	-67.1			19148	-68.4		
12	12490	-61.8	356	08	14992	-63.9			16353	-65.7			19205	-65.0		
13	12526	-62.0	005	11	15015	-65.0	348	16	16373	-65.2	338	20	19266	-60.5		
14	12516	-62.7	338	12	15008	-63.9	344	22	16374	-64.1	345	35	19249	-62.6		
15	12483	-62.3	345	18	14953	-65.2	341	27	16311	-65.9	351	21	19150	-65.0		
16	12553	-60.5	358	28	15061	-63.9			16419	-66.5			19241	-69.5		
17	12618	-63.8	331	27	15074	-68.0	344	45	16407	-70.						

SUMMARY OF CONSTANT PRESSURE DATA

111

FEBRUARY 1959

RESOLUTE, N.W.T.

.12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 72924 74°43'N 94°59'W 64 METERS

Z	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.
01	993	-39.5	66	330 11	0013	.	.	.	1149	-28.6	71	002 07	2529	-32.3	69	151 03
02	984	-40.3	320 04	-04.7	.	.	.	1092	-25.9	51	289 08	2503	-26.4	A19	336 10	
03	984	-30.8	65 050	08-51	.	.	.	1092	-32.8	69	.	2464	-33.2	69	.	
04	1001	-32.0	72 020	12 006.9	-31.5	72	666 66	1246	-26.4	68	666 66	2652	-28.0	66	058 15	
05	993	-34.5	51 340	07 0014	.	.	.	1193	-20.1	28	666 66	2622	-24.3	A18	031 09	
06	995	-29.5	62 310	06 0023	.	.	.	1217	-19.5	43	355 13	2645	-25.4	68	003 15	
07	989	-33.2	72 320	17 -01.6	.	.	.	1140	-22.3	71	350 12	2546	-29.2	72	350 07	
08	997	-37.1	56 320	13 0042	.	.	.	1179	-27.8	70	346 19	2565	-31.7	59	337 12	
09	999	-40.2	320 12	0054	.	.	.	1200	-29.4	60	001 24	2581	-32.6	43	355 08	
10	993	-37.3	66 315	13 0015	.	.	.	1151	-30.1	71	021 08	2525	-33.7	68	340 04	
11	992	-41.6	338 05	0016	.	.	.	1184	-27.1	74	031 07	2579	-29.0	77	050 12	
12	994	-35.7	68 330	05 0021	.	.	.	1127	-20.9	78	666 66	2554	-24.7	79	666 66	
13	986	-33.7	72 300	12 -04.0	.	.	.	1107	-17.0	48	666 66	2557	-22.5	A18	666 66	
14	985	-35.2	35 330	05 -04.3	.	.	.	1127	-31.9	64	033 09	2518	-27.2	54	017 15	
15	989	-36.3	57 020	02 -01.7	.	.	.	1231	-28.0	52	020 07	2628	-28.3	42	034 14	
16	1001	-37.6	010 06	0069	-37.2	010	06	1313	-23.9	71	336 06	2713	-31.2	70	357 14	
17	1011	-36.9	56 340	03 0139	-34.5	55	337 04	1250	-22.9	64	315 08	2663	-26.3	59	337 12	
18	1002	-37.8	66 130	02 0076	-36.8	66	130 02	1291	-23.2	63	025 12	2709	-25.5	48	019 14	
19	1006	-31.6	58 000	00 0104	-29.4	60	000 00	1393	-20.9	63	273 04	2815	-25.7	32	340 07	
20	1019	-36.3	47 130	02 0194	-29.0	55	144 02	1329	-16.1	33	229 09	2787	-20.9	A18	232 09	
21	1009	-28.3	69 140	09 0126	-28.2	70	155 10	1189	-16.4	80	315 12	2610	-23.6	80	299 11	
22	989	-26.7	70 260	04 -02.2	.	.	.	1237	-23.2	57	666 66	2651	-27.3	A19	307 15	
23	1000	-33.4	64 000	00 0062	-33.4	64	000 00	1143	-20.8	79	206 15	2567	-25.8	77	216 13	
24	985	-40.7	78 140	07 -05.0	.	.	.	1076	-36.4	28	100 10	2428	-36.8	77	270 12	
25	986	-40.7	310 04	-03.4	.	.	.	1107	-32.4	72	022 12	2463	-36.8	70	020 12	
26	988	-39.0	66 310	06 -02.0	.	.	.	1190	-27.1	60	331 08	2577	-31.6	66	331 10	
27	996	-37.7	66 310	01 0035	.	.	.	1189	-27.3	80	294 13	2581	-31.2	74	279 07	
28	996	-37.1	66 140	04 0034
MN	995	-35.1	62	.	27	-32.5	63	.	1188	-25.3	63	341 07	2591	-28.6	55	350 07

Z	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.
01	4850	-44.0	.	178 04	6330	-51.0	.	210 04	8178	-54.2	.	000 00	10778	-54.2	.	346 13
02	4891	-37.1	A22	360 17	6395	-49.2	.	360 13	8234	-58.2	.	006 10	10772	-54.5	.	016 14
03	4789	-41.8	.	.	6274	-49.8	.	.	8152	-51.5	.	.	10772	-53.9	.	.
04	5006	-41.7	.	051 20	6483	-52.8	.	.	8298	-60.6	.	.	10839	-57.6	.	.
05	4997	-40.0	A22	036 13	6485	-50.9	.	034 20	8320	-59.4	.	039 16	10837	-60.3	.	.
06	5007	-40.2	.	005 16	6494	-51.2	.	002 15	8323	-60.2	.	003 15	10863	-57.7	.	002 14
07	4888	-42.9	.	011 07	6361	-53.1	.	037 05	8201	-56.9	.	010 03	10775	-54.8	.	333 11
08	4878	-45.0	.	005 05	6345	-53.0	.	015 06	8172	-57.7	.	015 06	10721	-58.3	.	358 12
09	4884	-45.6	.	348 08	6344	-52.7	.	351 14	8172	-58.1	.	349 06	10721	-57.5	.	319 10
10	4820	-46.3	.	.	6281	-53.5	.	.	8108	-60.3	.	.	10643	-60.5	.	.
11	4855	-44.2	.	.	6325	-52.7	.	.	8146	-61.3	.	.	10663	-60.3	.	001 05
12	4934	-40.5	.	074 09	6416	-52.8	.	079 09	8215	-64.7	.	098 13	10700	-62.2	.	018 10
13	4920	-40.8	.	666 66	6407	-49.4	.	666 66	8232	-63.0	.	147 15	10744	-61.9	.	.
14	4948	-39.9	.	332 11	6438	-50.9	.	345 03	8256	-63.9	.	332 08	10730	-62.0	.	333 17
15	4880	-40.4	.	027 26	6369	-51.4	.	.	8184	-62.7	.	.	10699	-61.1	.	.
16	4981	-41.2	.	043 19	6468	-50.6	.	030 21	8299	-61.3	.	016 17	10781	-61.9	.	020 12
17	5049	-41.9	.	350 12	6537	-49.6	.	010 08	8371	-60.1	.	348 20	10890	-60.3	.	355 17
18	5040	-39.8	64	329 18	6533	-50.0	.	314 12	8372	-58.0	.	323 17	10929	-57.1	.	338 27
19	5062	-41.7	.	003 15	6549	-50.5	.	354 10	8381	-59.4	.	331 12	10944	-54.8	.	333 17
20	5186	-39.9	A22	354 18	6685	-47.7	.	352 33	8535	-57.6	.	349 34	11091	-55.9	.	.
21	5204	-36.1	62	247 12	6723	-46.9	.	286 09	8581	-58.7	.	274 16	11112	-55.3	.	288 16
22	4999	-35.8	44	250 26	6519	-43.7	.	.	8415	-52.8	.	.	10899	-56.9	.	.
23	4994	-43.1	.	304 14	6467	-52.5	.	304 15	8299	-56.9	.	298 26	10899	-51.9	.	286 26
24	4927	-42.3	.	230 14	6405	-52.5	.	238 34	8223	-60.3	.	.	10777	-56.4	.	.
25	4718	-44.8	.	252 17	6189	-52.3	.	255 20	8040	-54.4	.	666 66	10643	-54.9	.	291 09
26	4740	-47.0	.	666 66	6196	-54.6	.	019 21	8012	-59.0	.	015 16	10569	.	.	.
27	4888	-46.3	.	334 08	6340	-56.2	.	337 09	8129	-63.3	.	343 11	10634	-61.3	.	331 15
28	4901	-44.4	.	311 15	6369	-53.2	.	329 17	8193	-60.5	.	315 20	10701	-61.1	.	310 18
MN	4937	-42.0	39	344 07	6419	-51.2	.	343 08	8251	-59.1	.	348 09	10796	-57.8	.	.

Z	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. mps.
01	12605	-57.4	.	343 23	15158	-59.5	.	340 25	16548	-60.8	.	338 32	19487	-57.7	.	335 52
02	12629	-55.7	.	010 19	15213	-55.5	.	.	16635	-55.4	.	.	19639	-53.0	.	.
03	12614	-55.0	.	.	15177	-59.3	.	.	16570	-60.1	.	.	19488	-61.7	.	.
04	12640	-60.5	.	.	15149	-63.0	.	.	16506	-67.6	.	.	19222	.	.	.
05	12627	-59.3	.	.	15132	-65.3	.	.	16481	-67.9	.	.	19295	-71.6	.	.
06	12679	-58.3	.	359 16	15109	-62.9	.	341 18	16558	-67.2	.	347 20	19363	-71.0	.	348 34
07	12596	-59.8	.	326 14	15104	-63.9	.	335 16	16463	-65.1	.	333 21	19290	-70.2	.	.
08	12519	-60.9	.	354 13	15022	-63.9	.	333 18	16380	-66.6	.	345 22	19212	-68.4	.	342 34
09	12525	-61.6	.	346 11	15022	-65.3	.	.	.	.	.	.	.	.	.	.
10	12426	-62.7	.	.	14906	-65.7	.	.	16259	-67.0	.	.	19080	-67.7	.	.
11	12452	-61.8	.	358 10	14938	-66.0	.	350 16	16283	-68.1	.	002 21	19111	-68.5	.	346 33
12	12478	-62.5	.	001 13	14966	-64.9	.	345 15	16321	-65.7	.	342 18	19186	-63.6	.	332 31
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	12508	-62.6	.	352 17	14983	-66.0	.	343 26	16337	-65.2	.	338 32	19205	-63.7	.	333 49
15	12495	-61.8	.	.	14998	-64.3	.	.	16367	-64.3	.	.	19214	-67.3	.	.
16	12562	-62.9	.	350 11	15033	-67.1	.	355 22	16365	-70.7	.	.	19130	.	.	.
17	12677	-62.3	.	350 24	.	.	.	.	.	.	.	.	.	.	.	.
18	12741	-58.7	.	328 31	15267	-62.6	.	.	16635	-64.9	.	.	19467	-69.0	.	.
19	12778	-56.6	.	328 27	15332	-60.5	.	.	16714	-61.6	.	.	19622	-62.6	.	.
20	12920	-56.2	.	.	15484	-58.8	.	.	16884	-59.8	.	.	19804	-62.4	.	.
21	12951	-55.4	.	283 24	15542	-53.7	.	.	16968	-54.2	.	.	19972	-55.2	.	.
22	12898	-52.8	.	.	15527	-52.2	.	.	16963	-53.0	.	.	19981	-54.4	.	.
23	12775	-50.0	.	.	15411	-53.0	.	.	16845	-54.1	.	.	19838	-58.5	.	.
24	12599	-56.8	.	.	15146	-60.6	.	.	16530	-61.8	.	.				

SUMMARY OF CONSTANT PRESSURE DATA

MARCH 1959

RESOLUTE, N.W.T.

00 GMT.

STATION INSTRUMENTATION
USWB type radiosonde, SCR558 RDF tracking equipment
INDEX No. 72924 LATITUDE 74°43'N LONGITUDE 94°59'W ELEVATION 64 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	996	-33.7	64	140 07	0033				1197	-23.7	78	235 11	2569	-31.6	79	250 07
02	991	-29.6	69	170 05	0000				1157	-28.2	73	235 10	2544	-31.6	75	248 10
03	1000	-41.4	0000	00 0062	-41.4		000 00		1166	-33.2	60	017 05	2552	-34.7	62	026 11
04	1014	-40.1	330	02 0158	666.5	56	327 03	1321	-25.1	50	348 06	2725	-27.7	66	351 12	
05	1016	-33.8	64	330 02	0173	-33.2	64	329 05	1359	-25.2	77	328 09	2774	-26.1	64	342 11
06	1015	-34.4	64	0000 00	0166	-31.7	64	666 56	1361	-22.1	70	666 66	2776	-26.7	48	666 66
07	1008	-27.2	69	120 07	0120	-23.8	66	145 07	1325	-19.9	63	205 07	2760	-23.3	36	204 06
08	1001	-25.3	78	140 02	0069	-25.3	78	666 66	1251	-22.9	78	666 66	2681	-20.4	77	666 66
09	1004	-30.9	68	290 04	0091	-30.9	69	290 04	1273	-23.4	80	309 09	2695	-24.5	46	317 16
10	1000	-33.1	64	320 06	0062	-33.1	64	320 06	1232	-24.8	74	334 11	2640	-24.4	47	336 11
11	995	-33.2	64	290 06	0049				1193	-22.1	70	348 11	2627	-22.0	43	359 15
12	997	-33.3	64	310 08	0020				1217	-20.1	80	350 12	2622	-24.7	30	345 17
13	1003	-33.9	47	320 05	0083	-33.7	48	320 06	1242	-26.8	72	328 13	2634	-30.5	49	313 12
14	1008	-37.3	56	310 04	0117	-37.4	56	309 04	1264	-28.6	79	303 08	2640	-33.7	52	306 11
15	1002	-36.5	60	0000 00	0076	-36.4	60	000 00	1223	-31.4	71	292 04	2585	-34.8	74	282 02
16	1003	-37.8	56	210 01	0083	-37.9	56	211 01	1217	-31.4	67	288 08	2579	-36.0	68	276 08
17	1005	-38.5	56	110 04	0096	-37.9	56	114 04	1227	-34.0	71	124 04	2589	-34.8	68	332 08
18	1010	-38.2	56	090 04	0131	-35.6	56	108 03	1274	-29.9	60	039 02	2656	-31.6	44	014 07
19	1009	-39.0	66	120 04	0124	-37.3	66	150 04	1287	-26.2	64	306 06	2673	-32.9	68	310 10
20	1005	-29.4	69	220 07	0098	-29.6	69	222 07	1259	-26.6	68	279 13	2665	-32.2	64	287 21
21	1008	-35.9	57	330 02	0118	-35.0	58	327 04	1281	-24.9	50	342 09	2681	-29.0	34	358 12
22	1011	-33.4	64	330 03	0138	-33.0	62	329 03	1320	-22.0	80	337 08	2745	-24.2	71	342 09
23	1010	-35.3	51	320 03	0132	-32.4	61	327 06	1319	-22.6	73	308 09	2744	-24.9	28	346 11
24	1020	-32.6	64	0000 00	0201	-32.0	59	000 00	1389	-22.0	74	353 06	2800	-27.6	48	306 05
25	1023	-31.9	98	140 02	0239	-32.3	71	143 02	1443	-20.7	61	275 01	2869	-24.9	35	006 01
26	1019	-27.3	66	320 03	0198	-23.8	71	327 05	1403	-19.4	50	242 01	2834	-23.6	70	235 01
27	1017	-30.1	62	320 02	0146	-28.1	65	300 04	1342	-20.7	68	326 07	2876	-26.4	62	008 03
28	1012	-30.2	62	320 02	0146	-29.5	60	319 05	1346	-19.8	79	328 07	2771	-24.7	35	346 03
29	1011	-31.1	65	330 02	0139	-30.7	65	310 04	1334	-20.1	71	307 08	2754	-27.0	73	290 09
30	1007	-30.0	62	0000 00	0111	-29.9	61	000 00	1292	-22.9	67	293 08	2702	-28.9	72	301 02
31	1004	-33.3	64	310 03	0090	-31.7	66	320 03	1281	-22.2	60	003 06	2693	-27.8	50	346 04
MN	1007	-33.5	63		112	-32.1	64		1284	-24.6	69	318 06	2689	-28.2	56	323 07

Day	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	4910	-43.6		272 13	6381	-54.2		284 12	8182	-62.4		282 18	10687	-62.1		290 21
02	4850	-45.7		251 16	6312	-53.2			8145	-58.0			10703	-57.0		
03	4846	-46.1		016 15	6313	-51.4		007 14	8167	-54.4		360 19	10760	-55.4		330 13
04	5077	-43.0		348 13	6548	-53.0		345 14	8371	-60.8		351 17	10906	-57.5		330 17
05	5142	-39.8		345 15	6632	-51.5		354 13	8455	-61.8		355 12	10991	-55.6		333 16
06	5148	-39.7	65	666 66	6641	-50.0		334 18	8482	-57.9		327 24	11080	-50.2		322 16
07	5165	-35.0	66	290 07	6690	-45.7		301 09	8541	-58.6		281 09	11175	-46.8		285 11
08	5108	-32.2	37	666 66	6642	-44.2		666 66	8512	-57.0		666 66	11135	-46.9		666 66
09	5088	-37.7	37	313 23	6592	-48.6		666 66	8441	-57.7		666 66	11084	-46.1		503 11
10	5031	-37.7	67	356 20	6536	-48.6		017 15	8408	-50.0		344 14	11100	-44.2		308 13
11	5036	-36.4	A21	019 10	6546	-47.5		001 11	8409	-52.6		352 12	11097	-43.6		305 10
12	5028	-38.5	A22	344 19	6591	-47.9		348 11	8384	-53.0		333 06	11059	-42.4		314 07
13	4961	-43.1		258 04	6444	-49.7		210 06	8325	-49.0		266 07	11051	-40.4		258 12
14	4943	-45.1		283 15	6410	-52.4		283 09	8281	-49.2		270 11	10992	-41.3		254 13
15	4869	-45.1		160 06	6339	-51.8		225 03	8222	-47.3		239 05	10946	-41.8		234 12
16	4870	-46.2		309 10	6330	-52.5		318 14	8185	-50.4		303 11	10883	-42.5		262 09
17	4890	-46.1		355 08	6356	-51.9		349 07	8221	-50.2		323 09	10897	-46.3		262 08
18	4982	-44.0		037 14	6450	-53.6		031 13	8269	-55.9		330 06	10911	-47.1		284 09
19	4975	-46.4		292 13	6428	-54.7		290 15	8249	-56.8			10881	-48.5		
20	4961	-44.8			6427	-52.3			8278	-53.5			10921	-48.6		
21	5023	-43.1	A22	009 13	6501	-49.6		024 32	8351	-56.3			10953	-50.3		
22	5128	-38.3	A22	355 13	6632	-48.4		348 18	8483	-56.4		666 66	11116	-46.8		284 05
23	5128	-38.6	A22	343 18	6625	-49.1		334 12	8474	-54.9		328 09	11120	-46.1		295 08
24	5162	-39.8	A22	284 12	6660	-48.2		288 16	8514	-59.1		278 19	11133	-47.1		243 11
25	5254	-37.2	32	297 12	6757	-49.0		303 17	8569	-60.3		290 13	11161	-52.1		257 10
26	5224	-37.5	59	264 03	6427	-49.2		239 02	8584	-60.5		240 03	11133	-51.3		240 06
27	5144	-38.3		018 03	6443	-50.0		035 03	8472	-59.0		008 01	11068	-52.1		287 05
28	5136	-41.6		348 07	6618	-51.1		345 08	8446	-58.9		328 13	11037	-53.1		318 08
29	5108	-42.9		273 13	6593	-50.3			8438	-57.0			11043	-50.4		
30	5038	-43.6		304 13	6512	-52.3		291 20	8350	-54.6		294 19	10990	-48.6		
31	5042	-42.7		345 06	6519	-52.2		335 07	8353	-55.4		326 09	10986	-48.8		304 09
MN	5041	-41.3	39	322 08	6527	-50.5		336 09	8373	-55.7		316 10	11000	-48.7		290 09

Day	130 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12463	-62.4		296 17	14959	-64.8			16320	-64.5			19197	-62.3		
02	12512	-59.5			15040	-60.6			16434	-59.0			19431	-50.3		
03	12589	-55.8		312 21	15176	-55.2		314 30	16616	-50.8		306 42	19718	-46.1		
04	12727	-56.8		312 26	15313	-53.2		315 26	16765	-49.1		305 35	19901	-40.5		321 50
05	12837	-51.1		326 20	15516	-45.7		322 29	17013	-42.9		318 32	20188	-66.6		
06	12979	-47.1			15680	-43.7			17182	-43.3			20326	-44.7		
07	13088	-45.1		287 16	15804	-42.9		284 21	17298	-44.2		281 18	20439	-44.8		276 30
08	13049	-45.9		666 66	15749	-44.5		286 21	17238	-45.9		277 33	20377	-44.8		
09	12999	-45.8		291 20	15711	-43.9		283 16	17209	-43.7		292 18	20377	-44.2		287 19
10	13030	-44.1		306 12	15765	-42.6		284 10	17275	-41.6		286 15	20458	-41.8		274 19
11	13036	-43.5		383 12	15782	-41.4		283 10	17295	-41.4		284 12	20474	-42.3		265 15
12	13019	-40.7		29												

SUMMARY OF CONSTANT PRESSURE DATA

MARCH 1959

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 72924 74°43'N 94°59'W 64 METERS

RESOLUTE, N.W.T.

12 GMT.

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	993	-29.8	69	140	11	0011	.	.	1182	-25.0	74	219	12	2976	-31.7	72	235	12		
02	995	-39.2	66	250	04	0028	.	.	1154	-33.7	66	260	08	2509	-36.0	63	232	09		
03	1007	-41.0	290	03	0109	-39.0	66	295	05	1255	-29.3	54	022	05	2638	-32.1	39	020	10	
04	1016	-37.7	66	290	02	0171	-37.6	58	294	05	1348	-22.4	76	322	11	2758	-27.5	80	325	08
05	1015	-36.0	60	315	04	0166	-30.0	61	319	05	1356	-22.7	78	318	10	2774	-25.1	A18	320	12
06	1013	-31.9	76	110	08	0154	-27.8	76	130	08	1353	-21.5	67	220	07	2776	-25.0	31	270	05
07	1002	-25.2	70	110	08	0176	-24.9	70	110	08	1279	-20.3	73	179	07	2710	-22.4	85	200	06
08	1002	-31.6	58	320	05	0076	-30.8	59	321	05	1272	-21.1	70	355	10	2697	-24.7	56	344	11
09	1003	-30.9	68	270	04	0084	-31.0	69	271	04	1263	-23.5	77	315	10	2678	-25.9	77	310	16
10	998	-31.6	65	310	08	0046	.	.	1206	-20.1	75	666	66	2628	-24.2	78	666	66	19	
11	995	-38.6	66	310	05	0027	.	.	1191	-18.0	58	349	10	2631	-21.4	A18	346	15		
12	1000	-36.7	44	310	05	0062	-36.7	44	320	05	1191	-18.0	58	349	10	2631	-21.4	A18	346	15
13	1005	-37.7	66	290	03	0097	-36.9	66	290	03	1253	-26.6	54	312	10	2639	-32.8	53	305	11
14	1006	-39.7	66	070	01	0103	-38.1	01	1249	-30.3	31	274	04	2623	-33.9	73	266	06		
15	1001	-39.6	66	310	02	0049	-39.4	66	305	07	1212	-31.1	61	296	06	2575	-35.8	65	321	05
16	1004	-37.4	65	140	05	0090	-37.3	65	160	04	1227	-32.3	72	273	10	2588	-35.7	71	281	13
17	1008	-38.4	65	120	05	0117	-38.1	65	125	04	1249	-32.1	67	080	04	2624	-32.7	48	035	09
18	1010	-39.8	66	000	00	0131	-37.0	66	000	00	1279	-27.6	44	330	05	2667	-31.1	64	340	08
19	1007	-38.7	66	000	00	0110	-37.5	66	000	00	1275	-25.0	71	296	07	2664	-32.6	71	294	06
20	1000	-36.9	71	320	06	0062	-36.9	71	320	06	1208	-31.3	64	009	09	2582	-34.7	57	008	15
21	1011	-34.7	60	000	00	0138	-33.8	60	000	00	1314	-22.7	79	329	06	2733	-25.0	75	344	12
22	1008	-33.8	64	320	03	0119	-32.7	63	325	05	1298	-24.5	74	347	10	2727	-23.7	27	002	12
23	1013	-35.7	57	320	04	0152	-32.5	64	330	06	1344	-21.7	73	002	08	2767	-26.0	37	337	06
24	1024	-34.4	64	000	00	0231	-23.0	71	000	00	1428	-22.0	78	295	11	2843	-27.9	54	331	06
25	1022	-30.0	68	000	00	0219	-23.0	64	000	00	1423	-20.1	48	000	00	2851	-24.8	A18	000	00
26	1014	-38.9	69	340	05	0162	-26.5	71	342	05	1364	-19.6	72	005	03	2791	-24.5	40	315	01
27	1010	-33.7	64	320	03	0133	-31.0	68	322	04	1327	-20.4	82	360	08	2744	-26.3	73	006	08
28	1012	-32.7	64	320	02	0146	-29.7	68	312	03	1343	-19.2	79	271	06	2767	-25.9	77	320	07
29	1009	-31.5	65	000	00	0126	-30.3	66	000	00	1315	-21.8	78	298	11	2727	-28.8	76	305	09
30	1006	-33.8	64	000	00	0104	-31.3	67	000	00	1287	-22.2	61	338	06	2693	-30.2	48	332	07
31	1004	-37.1	56	292	02	0090	-35.0	57	310	02	1273	-23.3	59	352	05	2677	-29.6	67	320	05
MN	1007	-35.0	64	.	.	110	-33.0	63	.	.	1282	-24.4	68	319	05	2687	-28.6	56	321	07

Day	500 MBS				400 MBS				300 MBS				200 MBS				
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	
01	4901	-44.3	252	19	6364	-54.4	259	17	8174	-61.2	293	12	10704	-59.0	310	15	
02	4803	-44.8	245	08	6271	-52.9	287	07	8119	-53.6	293	12	10718	-55.8	315	16	
03	4959	-42.9	021	26	6437	-51.8	021	09	8273	-57.0	010	33	10844	-56.0	315	16	
04	5104	-42.1	359	14	6579	-53.1	010	18	8392	-59.0	347	17	10942	-57.0	323	19	
05	5144	-41.3	318	18	6623	-53.1	324	20	8435	-59.0	315	13	11018	-52.5	320	16	
06	5157	-38.1	67	298	10	6667	-47.4	293	14	8512	-60.8	305	17	11123	-48.3	295	14
07	5134	-35.2	79	260	07	6649	-47.2	284	11	8505	-55.5	307	15	11142	-46.6	300	17
08	5080	-37.9	335	20	6594	-46.5	329	32	8462	-53.1	666	66	11117	-46.8	666	66	
09	5048	-41.4	666	66	6540	-49.6	666	66	8410	-51.0	310	19	11105	-43.8	306	13	
10	5016	-38.1	70	351	23	6523	-47.3	336	14	8399	-53.7	346	08	11062	-43.0	305	12
11	5038	-37.8	A22	345	11	6540	-48.7	336	14	8399	-53.7	275	07	11047	-39.5	283	11
12	4983	-40.4	264	02	6474	-49.5	194	05	8338	-50.7	252	08	10989	-42.4	250	17	
13	4953	-43.6	299	15	6433	-49.2	290	08	8315	-49.4	260	07	11033	-40.1	251	10	
14	4926	-45.3	262	06	6395	-52.8	261	08	8268	-47.9	252	08	10989	-42.4	250	17	
15	4863	-46.2	129	03	6322	-52.2	322	04	8196	-47.9	280	05	10910	-42.1	241	06	
16	4878	-46.8	285	07	6341	-50.3	287	08	8216	-49.0	285	09	10911	-44.2	283	09	
17	4933	-45.6	039	13	6389	-54.1	031	10	8233	-53.0	353	08	10886	-46.7	285	10	
18	4985	-45.1	312	10	6445	-55.0	320	08	8262	-56.4	303	08	10897	-48.2	270	13	
19	4972	-45.3	290	06	6435	-53.7	004	15	8262	-56.4	355	10	10919	-48.3	236	13	
20	4899	-42.2	004	15	6386	-49.0	360	15	8262	-51.0	343	13	11048	-50.4	270	09	
21	5110	-39.0	41	348	14	6610	-48.9	350	17	8454	-58.4	334	11	11112	-45.2	270	07
22	5110	-38.9	A22	350	13	6610	-49.0	346	15	8463	-55.0	334	11	11112	-45.2	270	07
23	5141	-39.8	A22	311	12	6642	-48.4	310	13	8491	-56.1	308	08	11130	-46.6	228	08
24	5217	-39.7	A22	301	12	6719	-48.4	301	18	8576	-58.9	308	12	11179	-49.2	225	13
25	5240	-39.7	62	253	02	6743	-49.3	273	06	8572	-60.5	287	04	11140	-52.6	243	05
26	5178	-38.1	60	231	02	6678	-49.3	163	04	8508	-59.9	000	00	11097	-52.1	227	04
27	5107	-40.3	353	09	6597	-50.0	346	12	8432	-60.3	346	09	11022	-52.0	321	09	
28	5131	-41.0	309	10	6619	-50.5	305	13	8454	-58.9	323	18	11047	-51.8	310	10	
29	5065	-42.7	321	21	6545	-51.3	323	27	8384	-53.5	321	29	11010	-49.6	310	10	
30	5016	-43.9	351	08	6488	-52.5	346	10	8335	-55.0	314	12	10978	-48.3	282	14	
31	5017	-42.8	304	08	6493	-52.4	295	10	8329	-54.5	304	07	10975	-47.6	310	10	
MN	5036	-41.5	47	328	09	6521	-50.6	325	10	8369	-55.0	318	10	11003	-48.4	281	10

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12301	-61.1	.	.	15018	-62.0	.	.	16398	-61.7	.	.	19315	-59.8	.	.
02	12339	-57.8	312	22	15100	-56.7	310	32	16522	-54.2	316	30	19586	-45.5	313	43
03	12675	-55.9	322	22	15261	-54.0	312	42	16712	-48.6	316	33	19819	-44.9	.	.
04	12771	-55.1	321	18	15389	-48.8	316	32	16867	-45.8	319	33	20035	-41.0	.	.
05	12907	-49.9	314	26	15604	-44.7	320	24	17104	-42.5	318	21	20268	-45.0	.	.
06	13024	-46.9	297	16	15750	-45.1	281	17	17227	-44.1	285	22	20376	-45.0	278	35

SUMMARY OF CONSTANT PRESSURE DATA

APRIL 1959

RESOLUTE, N.W.T.

00 GMT.

 STATION INSTRUMENTATION
 USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 72924 74°43'N 94°59'W 64 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS								
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.					
01	1003	-29.9	62	320	03	0084	-29.1	63	318	03	1273	-22.9	62	331	05	2678	-29.3	69	312	03	
02	1004	-34.3	64	330	02	0090	-34.2	64	330	02	1265	-23.2	79	325	07	2672	-29.2	72	329	10	
03	1001	-29.4	69	140	05	0069	-29.5	69	140	05	1244	-23.2	76	250	11	2646	-30.8	73	261	14	
04	996	-30.1	65	120	02	0033					1190	-28.9	69	120	02	2565	-33.3	50	190	03	
05	1000	-26.6	70	015	13	0062	-26.6	70	015	13	1249	-26.5	75	053	09	2636	-31.9	71	036	12	
06	1013	-26.3	70	290	05	0155	-27.0	72	301	07	1330	-26.0	78	335	08	2730	-29.4	77	357	11	
07	1015	-24.3	70	290	07	0170	-25.3	70	296	07	1358	-22.8	74	325	13	2771	-24.6	74	330	04	
08	1022	-27.6	62	290	02	0219	-28.7	66	307	03	1406	-22.1	80	338	07	2824	-26.5	80	304	06	
09	1023	-27.3	66	310	02	0226	-28.3	64	320	05	1415	-23.2	78	316	08	2842	-22.9	74	331	11	
10	1016	-27.2	59	130	05	0176	-26.1	58	160	06	1376	-18.1	57	269	06	2816	-22.0	42	301	11	
11																					
12	1004	-21.9	71	320	05	0094	-22.0	70	320	05	1298	-20.4	79	306	08	2732	-23.3	74	290	09	
13	1014	-26.7	70	140	05	0163	-25.2	65	163	05	1370	-16.2	71	256	05	2812	-24.2	48	263	07	
14	1010	-18.7	79	120	05	0136	-19.3	79	130	06	1365	-16.6	81	249	09	2795	-21.4	82	242	20	
15	1021	-21.7	71	360	01	0215	-19.9	67	271	01	1436	-14.8	87	272	09	2897	-19.6	62	282	15	
16	1025	-16.9	79	140	08	0248	-12.5	61	169	08	1506	-10.0	42	205	09	2981	-18.6	26	198	09	
17	1026	-17.9	79	130	06	0259	-12.4	63	167	06	1505	-11.8	62	200	11	2969	-19.6	48	200	13	
18	1025	-17.2	75	140	02	0247	-15.3	71	170	03	1486	-13.5	66	233	11	2987	-16.4	77	238	08	
19	1024	-17.0	79	000	00	0240	-16.2	71	666	66	1474	-15.6	66	293	11	2931	-18.5	45	278	08	
20	1022	-16.8	75	000	00	0227	-14.1	69	000	00	1466	-13.2	74	301	06	2926	-19.8	77	307	12	
21	1020	-22.1	78	338	05	0208	-17.2	60	356	05	1448	-13.0	28	340	07	2908	-19.7	27	319	09	
22	1020	-21.9	74	315	08	0206	-23.2	74	330	08	1421	-15.1	60	327	11	2870	-21.5	56	319	13	
23	1019	-26.5	73	320	04	0197	-27.7	66	330	06	1379	-22.8	72	325	06	2788	-28.7	58	666	66	
24	1013	-21.1	78	045	09	0158	-20.0	75	050	08	1358	-23.7	75	168	06	2778	-26.0	62	669	08	
25	1009	-19.6	79	040	08	0129	-18.0	74	055	08	1342	-21.8	75	138	10	2774	-23.6	79	125	12	
26	994	-13.2	87	060	11	0017					1245	-15.9	77	666	66	2699	-16.5	78	094	22	
27	1000	-21.9	74	090	13	0062	-21.9	74	090	13	1250	-23.4	75	666	66	2659	-28.5	75	156	16	
28	1000	-17.1	79	030	10	0062	-17.1	79	030	10	1284	-19.8	70	124	10	2725	-21.2	71	174	11	
29	994	-17.3	79	040	09	0016					1244	-19.7	42	022	12	2688	-23.6	65	025	05	
30	997	-19.3	79	330	05	0041					1261	-14.1	80	047	05	2720	-20.4	67	144	09	
MN	1011	-22.7	73			145	-22.3	69			1353	-19.1	68	302	03	2785	-23.8	62	285	03	

Day	500 MBS				400 MBS				300 MBS				200 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	5016	-43.1		263	07	6489	-52.4		267	06	8334	-52.8		313	05	10994	-47.1		306	07	
02	5001	-43.2		330	14	6477	-51.9		329	17	8328	-52.3		333	12	11089	-46.6		321	07	
03	4955	-45.5				6422	-51.4				8306	-49.6				11003	-45.0				
04	4680	-41.7		260	05	6382	-44.4		294	08	8308	-44.7		306	08	11026	-63.3		302	06	
05	4948	-44.0		024	14	6429	-49.1		360	16	8345	-43.9		360	14	11064	-45.1		336	08	
06	5089	-40.5		031	17	6579	-50.7		025	19	8433	-51.7		011	12	11110	-46.3		356	12	
07	5349	-38.9	64	319	24	6649	-49.2		320	18	8498	-54.2		326	16	11175	-44.0		338	16	
08	5192	-40.1		042	13	6681	-51.0		034	08	8542	-50.9		010	11	11231	-43.9		323	12	
09	5237	-38.0		61	326	08	6739	-48.9		354	11	8597	-52.5		349	16	11271	-45.1		337	13
10	5219	-37.4		31	309	21	6729	-46.1		323	20	8631	-47.6		325	34	11316	-46.0		666	66
11																					
12	5161	-32.7		42	297	13	6709	-41.5		298	18	8612	-51.7			11307	-43.9				
13	5227	-35.4		39	268	10	6747	-46.0		235	13	8617	-53.7		267	10	11273	-45.5			
14	5198	-37.0		74			6712	-45.7				8590	-52.0				11259	-46.0			
15	5307	-38.1		46	274	26	6807	-49.7		666	66	8665	-52.0		666	66	11324	-46.0		247	14
16	5402	-36.9		58	223	08	6915	-47.0		221	08	8770	-58.1		228	08	11392	-48.1		194	05
17	5387	-36.4		55	194	17	6899	-46.7		198	16	8764	-56.4		194	15	11375	-47.1		203	08
18	5360	-36.0		78	250	08	6878	-46.7		267	09	8737	-55.1		294	11	11380	-46.7		235	06
19	5362	-34.0		32	290	14	6892	-44.8		295	14	8761	-55.9			11392	-47.3				
20	5355	-35.0		47	296	22	6873	-47.7		308	24	8741	-53.3		302	16	11396	-46.0		330	04
21	5341	-34.0		43	316	11	6872	-45.0		316	13	8713	-54.8		322	10	11387	-46.3		342	05
22	5278	-36.7		62	315	15	6790	-47.7		307	11	8666	-50.7		307	06	11350	-43.6			
23	5130	-38.8		66	665	66	6650	-42.2		666	66	8590	-42.4		347	08	11337	-41.1			
24	5144	-39.8		A22	666	66	6644	-46.3		074	17	8545	-45.5		062	11	11286	-42.2			
25	5166	-37.0		40	144	11	6679	-46.7		192	12	8570	-47.5		132	13	11301	-41.0		132	07
26	5175	-30.8		70			6715	-45.1				8985	-37.8				11247	-43.6			
27	5012	-39.7		142	19	6519	-46.8		116	10	8438	-43.3		100	11	11183	-41.5		090	05	
28	5115	-60.4		177	10	6607	-49.6		188	06	8487	-46.0		150	07	11217	-41.8		147	03	
29	5096	-36.7		73	090	04	6605	-47.4		144	06	8472	-51.1		145	05	11189	-43.1		235	05
30	5125	-38.7		55	123	15	6629	-47.5		086	04	8497	-50.0		118	04	11211	-42.4		139	03
MN	5173	-38.2		51	306	05	6680	-47.4		319	06	8557	-50.9		335	05	11241	-44.7		310	03

Day	150 MBS				100 MBS				80 MBS				50 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. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	12914	-44.7		310	12	15636	-43.3		302	15	17137	-43.3		295	16	20346	-37.2			
02	12910	-43.6		298	08	15643	-42.7		275	08	17153	-41.9		266	03	20358	-39.9			
03	12935	-41.7				15672	-42.6				17189	-40.1				20447	-39.0			
04	12968	-41.8		292	06	15714	-41.0		215	05	17242	-38.3		211	04	20471	-40.2		180	03
05	13006	-41.6		342	04	15763	-39.8		239	01	17286	-40.2				20485	-41.4			
06	13038	-42.7		311	02	15781	-41.3		346	04	17296	-41.7		348	01	20477	-42.6			
07	13110	-42.9		325	04	15844	-41.4		344	03	17357	-42.7		338	03					

SUMMARY OF CONSTANT PRESSURE DATA

APRIL 1959

STATION INSTRUMENTATION

USWB type radiosonde, SCR-58 RDF tracking equipment
 INDEX No. ALTITUDE LONGITUDE ELEVATION
 72924 74°43'N 94°59'W 64 METERS

RESOLUTE, N.W.T.

12 GMT.

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude oppn. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude oppn. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude oppn. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude oppn. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	1003	-32.5	64	310	02	0083	-32.1	64	310	02	1263	-23.8	76	314	06	2664	-30.2	72	316	07
02	1004	-33.4	72	000	00	0090	-33.2	71	000	00	1267	-24.2	74	283	07	2667	-30.7	74	294	08
03	996	-28.4	69	170	06	0034	.	.	.	.	1196	-27.8	73	234	08	2576	-33.4	66	237	12
04	997	-27.8	66	050	12	0038	.	.	.	.	1207	-28.5	72	075	09	2583	-33.9	71	078	13
05	1008	-32.2	55	330	09	0119	-31.9	63	336	10	1296	-25.0	64	334	13	2695	-31.0	43	345	11
06	1016	-29.9	69	340	02	0173	-30.0	59	326	05	1360	-23.1	71	329	11	2774	-23.5	75	320	11
07	1016	-28.8	65	290	02	0175	-30.6	67	302	03	1355	-24.4	76	325	10	2762	-29.0	81	328	13
08	1024	-29.3	62	320	01	0232	-27.8	66	329	02	1425	-21.7	78	335	07	2845	-25.1	75	003	09
09	1019	-28.8	62	000	00	0197	-26.9	64	000	00	1383	-24.6	78	330	09	2815	-23.0	67	333	09
10	1010	-19.8	75	110	14	0136	666.6	66	130	14	1366	-14.4	74	227	08	2828	-19.4	64	273	10
11	998	-21.6	74	120	03	0048	.	.	.	.	1254	-15.8	78	666	68	2715	-19.0	61	175	11
12	1012	-31.1	58	270	02	0147	-27.6	60	285	02	1345	-17.7	50	324	06	2779	-24.8	58	666	66
13	1011	-24.4	70	120	05	0141	-21.9	45	138	07	1353	-16.5	51	231	08	2801	-20.8	62	255	09
14	1013	-19.7	79	135	05	0158	-19.8	78	165	05	1369	-20.1	82	242	05	2806	-22.1	50	249	15
15	1024	-18.9	79	110	11	0239	-17.2	74	138	12	1478	-12.6	55	207	10	2947	-19.3	34	227	10
16	1026	-19.8	71	000	00	0255	-13.5	63	000	00	1508	-11.4	50	196	10	2972	-19.5	41	190	15
17	1026	-21.8	67	160	01	0254	-15.1	66	194	02	1497	-13.6	62	212	10	2953	-20.7	64	214	13
18	1025	-22.3	71	140	02	0245	-16.2	76	147	02	1482	-14.2	64	211	08	2930	-21.5	78	224	10
19	1023	-22.1	71	290	01	0233	-15.0	71	394	02	1470	-13.7	79	264	03	2929	-19.5	70	291	09
20	1020	-23.0	74	292	03	0208	-17.8	69	320	04	1444	-13.3	28	347	07	2903	-19.8	A17	324	09
21	1019	-23.6	51	320	03	0199	-24.8	58	323	05	1424	-16.2	70	322	08	2878	-19.4	37	320	13
22	1019	-26.9	63	330	06	0198	-26.2	66	335	10	1423	-19.2	63	328	08	2877	-25.4	55	305	11
23	1016	-28.9	62	020	05	0176	-26.8	61	028	06	1362	-23.2	72	076	08	2768	-29.6	64	090	11
24	1011	-23.6	70	000	00	0142	-21.0	67	000	00	1340	-21.4	74	080	05	2762	-26.0	70	083	10
25	1004	-18.9	75	050	08	0092	-17.9	70	050	08	1311	-18.1	57	097	12	2760	-21.3	69	127	16
26	988	-11.7	84	500	08	-033	.	.	.	.	1207	-16.7	87	102	10	2638	-27.0	78	077	13
27	1004	-23.4	70	070	10	0092	-22.7	73	070	10	1290	-21.2	79	125	07	2706	-27.0	77	134	08
28	995	-19.6	79	020	11	0028	.	.	.	.	1244	-17.1	77	051	10	2689	-22.7	73	060	09
29	994	-22.2	74	010	13	0027	.	.	.	.	1238	-16.7	79	020	11	2679	-21.9	78	027	11
30	1002	-19.6	75	140	02	0077	-19.3	75	140	02	1303	-14.7	54	131	07	2753	-22.7	48	088	10
MN	1011	-24.5	69	.	140	-23.3	66	.	1348	-19.0	68	324	02	2780	-24.3	61	311	02	.	.

Day	500 MBS				400 MBS				300 MBS				200 MBS							
	Altitude oppn. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude oppn. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude oppn. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude oppn. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	4990	-44.1	330	06	6459	-51.8	342	06	8315	-51.5	352	06	10981	-46.6	316	06				
02	4987	-44.0	325	18	6463	-51.1	322	27	8327	-50.9	321	17	10997	-46.1	315	04				
03	4886	-43.7	264	13	6367	-48.0	280	16	8273	-46.1	299	10	10950	-46.6	290	05				
04	4892	-42.2	017	07	6395	-44.2	349	09	8321	-45.0	325	09	11030	-44.6	317	08				
05	5030	-41.3	355	14	6518	-50.5	010	13	8387	-48.0	348	14	11084	-44.9	349	10				
06	5165	-38.1	67	350	10	6685	-49.3	003	17	8504	-55.4	346	11	11195	-46.1	348	12			
07	5110	-41.9	328	15	6597	-50.0	324	17	8475	-49.2	330	13	11178	-46.1	357	11				
08	5225	-40.0	78	006	12	6717	-48.8	025	13	8571	-52.9	011	14	11242	-45.2	331	11			
09	5215	-37.0	32	321	14	6723	-48.2	318	13	8588	-51.4	327	18	11273	-45.0	330	13			
10	5257	-30.8	55	315	30	6809	-39.0	45	319	56	8723	-53.4	.	13993	-46.0	.	.	.	.
11	5141	-35.0	421	308	14	6666	-45.5	337	15	8570	-47.2	278	11	11272	-43.7	314	07	.	.	
12	5184	-34.9	53	666	66	6711	-44.9	280	17	8596	-53.3	.	.	11282	-43.3	.	.	.	.
13	5214	-36.0	50	250	10	6731	-46.1	242	10	8609	-52.6	226	08	11283	-44.4	230	08	.	.	
14	5215	-36.3	40	254	19	6732	-45.5	.	.	8622	-51.3	.	.	11275	-46.2	.	.	.	.
15	5357	-37.5	63	232	09	6856	-50.2	277	10	8684	-59.9	.	.	11301	-48.1	.	.	.	.
16	5392	-36.7	62	204	11	6902	-47.8	202	15	8753	-58.1	223	11	11362	-48.6	204	10	.	.	
17	5361	-36.9	65	207	11	6872	-46.5	224	09	8725	-58.1	230	15	11365	-46.8	215	08	.	.	
18	5344	-35.7	68	264	08	6870	-46.7	200	08	8743	-55.1	266	09	11380	-46.7	250	05	.	.	
19	5362	-34.6	54	306	15	6883	-46.7	307	14	8739	-56.1	287	16	11375	-47.4	246	05	.	.	
20	5322	-34.8	A21	332	12	6840	-46.0	331	10	8711	-53.7	335	11	11363	-46.4	333	04	.	.	
21	5297	-35.4	47	316	11	6817	-47.3	321	09	8695	-51.3	342	09	11369	-46.2	307	03	.	.	
22	5224	-38.1	36	281	08	6732	-47.0	295	11	8622	-47.6	306	07	11348	-43.2	016	03	.	.	
23	5102	-40.0	075	18	6613	-43.6	069	15	8544	-43.6	054	18	11292	-41.7	034	08	.	.		
24	5134	-39.4	40	063	11	6637	-47.4	083	08	8534	-43.6	086	12	11271	-41.8	085	07	.	.	
25	5172	-37.0	70	126	23	6683	-47.7	135	22	8554	-50.4	132	24	11263	-43.0	130	05	.	.	
26	5017	-35.8	68	.	6540	-44.7	.	.	.	8465	-50.9	.	.	11195	-41.0	.	.	.	.
27	5066	-40.6	153	10	6557	-50.4	144	09	8447	-45.3	106	08	11186	-41.7	133	04	.	.		
28	5084	-37.9	67	127	07	6591	-47.8	176	08	8457	-50.7	171	07	11168	-43.0	131	04	.	.	
29	5087	-36.8	69	067	03	6598	-47.8	085	07	8464	-51.2	126	03	11180	-42.7	100	03	.	.	
30	5152	-38.0	49	085	08	6654	-49.5	089	12	8505	-52.0	076	13	11210	-42.1	103	06	.	.	
MN	5166	-38.0	52	313	04	6673	-47.3	45	326	06	8551	-51.0	333	04	11234	-44.6	335	03	.	.

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude oppn. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude oppn. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude oppn. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude oppn. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12901	-44.2	291	09	15632	-43.1	291	10	17138	-42.6	287	09	20337	-39.6	264	09
02	12922	-43.4	314	06	15660	-42.7	266	07	17172	-41.0	199	06	20384	-40.2	182	02
03	12924	-42.6	294	07	15656	-43.0	090	03	17175	-39.8	210	04	20386	-41.0	180	04
04	12965	-42.2	.	.	15716	-40.3	.	.	17240	-39.9	.	.	20450	-41.0	.	.
05	13021	-42.1	317	04	15776	-41.4	.	.	17299	-40.3	.	.	20493	-41.8	.	.
06	13098	-42.0	.	.	15847	-41.4	.	.	17365	-41.1	.	.	20547	-42.9	.	.
07	13121	-42.2	341	08	15857	-43.5	336	08	17366	-41.4	332	04	20547	-43.1	342	01
08	13176	-43.8	346	10	15908	-42.7	002									

SUMMARY OF CONSTANT PRESSURE DATA

MAY 1959

RESOLUTE, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR558 RDF tracking equipment
 INDEX No. 72924 LATITUDE 74°43'N LONGITUDE 94°59'W ELEVATION 64 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.				
01	1009	-19.6	75	330	01	0129	-18.7	70	666	65	1360	-14.7	30	190	02	2809	-22.9	40	08A	06
02	1021	-20.4	78	340	02	0216	-19.8	67	335	02	1445	-13.2	54	327	07	2902	-21.8	52	330	07
03	1024	-16.2	79	000	00	0240	-18.4	64	000	00	1467	-16.4	58	020	06	2908	-23.4	54	310	02
04	1025	-17.8	79	300	01	0245	-19.4	76	307	04	1453	-20.0	80	294	06	2874	-26.8	69	289	08
05	1022	-20.6	78	292	05	0223	-20.7	78	314	07	1418	-24.6	76	334	11	2810	-32.5	73	345	13
06	1013	-19.0	75	130	01	0158	-19.7	74	175	01	1362	-19.3	67	333	03	2789	-26.3	73	345	13
07	1004	-20.7	75	068	02	0092	-21.0	74	068	02	1277	-25.1	68	057	05	2669	-32.4	67	096	06
08	1000	-19.9	71	000	00	0062	-19.9	71	000	00	1251	-23.1	64	066	08	2665	-27.5	60	060	18
09	997	-21.2	78	315	02	0041					1245	-19.2	80	015	06	2677	-23.8	55	054	09
10	998	-18.0	75	300	02	0047					1262	-17.6	80	341	06	2696	-24.1	79	356	09
11	1011	-17.9	74	155	05	0143	-18.4	74	170	05	1358	-18.5	71	314	04	2795	-23.4	73	319	06
12	1023	-16.8	79	115	05	0233	-16.5	72	163	06	1459	-17.1	62	242	07	2901	-21.5	43	251	09
13	1026	-16.6	83	135	05	0254	-17.2	65	186	05	1481	-16.2	65	224	02	2925	-22.1	60	311	06
14	1021	-15.7	80	130	02	0219	-14.8	74	163	03	1462	-10.9	51	295	05	2936	-17.8	47	302	07
15	1019	-10.4	80	000	00	0208	-12.1	79	000	00	1443	-15.9	84	262	06	2908	-18.6	32	296	08
16	1019	-12.4	80	340	03	0205	-14.4	67	013	03	1439	-13.0	74	291	08	2900	-19.6	54	314	09
17	1022	-11.7	80	045	11	0229	-09.7	85	047	07	1473	-12.8	79	061	05	2943	-18.0	67	053	03
18	1022	-06.3	77	250	01	0232	-07.4	58	230	01	1491	-10.1	80	110	04	2981	-14.5	25	182	04
19	1018	-08.3	77	310	03	0201	-08.2	67	316	05	1468	-07.0	72	864	02	2969	-12.2	116	308	04
20	1014	-07.7	81	180	05	0170	-08.9	75	186	04	1440	-06.7	69	278	06	2942	-10.7	85	277	10
21	1005	-09.0	88	290	08	0101	-09.4	87	292	08	1339	-12.7	73	282	07	2803	-20.6	77	273	09
22	1008	-08.8	84	340	05	0124	-09.6	82	347	05	1369	-12.6	82	102	08	2826	-20.8	78	049	07
23	1003	-06.8	84	035	05	0085	-06.8	83	335	05	1348	-09.9	67	027	05	2832	-14.8	76	122	14
24	1003	-05.6	81	040	03	0086	-05.5	80	000	00	1367	-05.9	49	095	04	2870	-13.1	75	092	02
25	1005	-07.7	81	000	00	0101	-08.4	80	000	00	1360	-10.9	80	170	06	2843	-15.7	79	152	10
26	1004	-07.6	77	275	03	0093	-07.6	77	272	03	1349	-12.9	85	147	03	2831	-14.3	49	268	04
27	1003	-06.3	84	290	02	0084	-06.6	84	230	02	1338	-13.5	82	195	05	2836	-13.5	25	167	06
28	1003	-07.8	88	290	04	0045	-08.3	87	290	04	1332	-15.1	88	105	06	2800	-14.4	18	151	04
29	1004	-08.8	84	290	04	0108	-09.3	76	298	04	1352	-15.1	81	058	01	2826	-15.1	32	155	01
30	1001	-07.9	84	270	08	0070	-08.0	84	270	08	1315	-14.1	85	070	03	2783	-17.2	83	151	04
31	1002	-07.7	81	140	02	0077	-07.8	81	137	02	1333	-09.8	73	086	04	2813	-16.8	52	200	04
MN	1011	-12.9	80			147	-12.8	76			1382	-14.6	71	342	01	2840	-19.9	58	336	02

Day	500 MBS				400 MBS				300 MBS				200 MBS							
	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.				
01	5199	-39.7	52	075	13	6698	-49.5		056	08	8540	-50.6		065	04	11245	-42.5		255	01
02	5293	-40.6	51	351	05	6785	-50.2		003	03	8639	-50.2		007	01	11352	-42.4		223	02
03	5294	-38.7	41	247	03	6795	-48.8		230	06	8668	-48.2		218	06	11393	-42.3		225	04
04	5239	-38.5	A22	329	10	6754	-45.4		345	17	8672	-42.8		300	06	11424	-41.2		318	07
05	5146	-36.0	39	301	10	6689	-37.5	A22	281	11	8668	-38.5	A22	267	09	11442	-40.8		283	08
06	5167	-38.3	37	357	28	6671	-46.4		355	18	8611	-40.5		342	06	11384	-39.9		348	03
07	5010	-35.7	A21	029	06	6555	-38.2	A22	019	10	8535	-38.2	A22	353	06	11324	-38.7	A22	326	04
08	5030	-38.9	057	36	6541	-42.9			069	15	8472	-45.2		059	09	11236	-39.8		323	01
09	5062	-38.0	54	062	13	6568	-46.5		032	10	8460	-47.1		029	05	1205	-40.1		300	02
10	5078	-39.5	72	031	11	6574	-48.6		203	09	8562	-48.1		325	03	11292	-41.4		303	02
11	5184	-38.5	71	344	08	6685	-48.6		090	05	8653	-50.5		285	11	11431	-43.8		276	11
12	5314	-36.1	A21	280	06	6829	-46.7		340	12	8737	-50.7		331	12	11491	-44.3		293	09
13	5339	-34.5	A21	340	12	6861	-46.4		285	07	8780	-55.3		337	07	11469	-44.3		293	09
14	5369	-34.7	58	298	12	6896	-44.9		301	11	8751	-50.5		315	10	11452	-44.0		304	05
15	5329	-34.8	A21			6851	-46.0				8748	-45.2				11479	-42.7			
16	5383	-34.0	54	066	03	6913	-44.7		061	04	8822	-46.5		000	00	11540	-43.6		000	00
18	5465	-29.5	30	220	18	7020	-41.3		215	22	8935	-49.1		210	18	11616	-46.4		216	09
19	5471	-26.9	A19	336	07	7044	-38.6	A22	356	14	8965	-51.3		352	14	11622	-46.7		282	06
20	5465	-24.6	77	270	20	7053	-36.6	73	259	25	8983	-51.8				11616	-47.2			
21	5230	-34.0	51	261	11	6762	-43.4		248	16	8692	-41.3		261	10	11463	-40.2		277	08
22	5245	-35.4	61	089	05	6768	-45.8		104	06	8694	-51.4		094	03	11464	-40.0		053	03
23	5303	-30.3	40	121	12	6861	-40.0	47	108	15	8771	-51.2		124	26	11471	-42.8		094	10
24	5346	-29.7	53	092	08	6904	-40.0	35	090	11	8812	-52.4		109	04	11496	-45.6		085	07
25	5297	-32.0	50	111	01	6839	-42.6		209	05	8761	-48.6		136	03	11476	-42.3		150	02
26	5310	-28.5	57	225	14	6864	-41.9		221	19	8759	-51.5		225	18	11468	-42.1		172	03
27	5318	-28.5	59	155	04	6877	-40.8		157	06	8780	-52.6		168	10	11491	-41.1		138	05
28	5271	-30.4	37	151	03	6823	-40.8		157	07	8724	-53.6		153	08	11427	-42.2		176	07
29	5302	-29.8	31	213	04	6858	-41.0		152	04	8760	-51.0		140	03	11478	-41.2		155	07
30	5233	-32.1	58	100	04	6776	-42.1		096	09	8680	-46.5		104	09	11433	-39.9		123	05
31	5254	-34.9	50	194	06	6776	-45.9		190	07	8681	-45.5		164	08	11435	-40.4		136	06
MN	5267	-34.1	44	354	03	6799	-43.8	37	310	01	8703	-47.6	22	227	01	11426	-42.1	22	248	01

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind dir. mps.
01	13188	-42.5	082	02	15924	-43.4	260	01	17427	-43.4			20589	-42.9		
02	13294	-42.9	235	01	16025	-43.5	326	01	17529	-42.8	098	02	20698	-44.1	158	01
03	13339	-42.4	235	04	16070	-43.6	246	02	17572	-43.4	191	01	20741	-43.3	190	01
04	13378	-41.3	276	04	16112	-44.8	299	04	17607	-43.7	296					

SUMMARY OF CONSTANT PRESSURE DATA

MAY 1959

RESOLUTE, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USW5 type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 72924 74°43'N 94°59'W 64 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
01	1016	-23.9	78	330	02	0178	-22.0	72	320	02	1406	-13.4	29	310	04	2859	-21.8	97	017	04
02	1023	-20.8	78	040	01	0231	-18.0	54	030	02	1459	-15.8	43	360	04	2907	-22.5	A18	316	07
03	1025	-20.6	78	000	00	0245	-16.8	67	000	00	1466	-18.3	78	360	07	2896	-25.0	61	322	04
04	1024	-25.9	73	270	02	0234	-25.6	66	282	03	1430	-22.0	58	274	12	2840	-28.9	60	280	13
05	1017	-25.8	74	310	01	0185	-23.7	76	308	03	1380	-22.9	80	008	04	2787	-29.4	71	356	10
06	1008	-21.1	74	090	04	0121	-21.1	71	095	04	1317	-23.0	76	019	05	2727	-28.8	63	328	10
07	1001	-23.9	67	020	01	0069	666-6	66	666	66	1250	-27.0	74	047	06	2652	-30.4	68	073	09
08	999	-22.7	74	310	02	0057	.	.	.	.	1250	-21.4	54	045	05	2671	-25.8	47	061	12
09	995	-21.6	74	330	03	0025	.	.	.	.	1239	-17.8	78	024	05	2675	-24.0	71	052	12
10	1005	-19.7	74	270	01	0099	-19.4	72	270	01	1316	-17.9	70	346	03	2757	-23.2	75	009	04
11	1017	-21.1	74	140	05	0186	-21.0	73	162	05	1405	-17.3	64	278	07	2847	-22.9	56	300	10
12	1025	-20.6	74	120	05	0244	-19.7	73	180	05	1468	-16.9	78	071	04	2909	-22.3	69	255	05
13	1024	-18.4	71	135	03	0239	-16.6	68	160	05	1471	-14.2	54	205	03	2934	-18.1	59	325	08
14	1020	-13.7	80	135	05	0211	-15.0	72	163	04	1454	-12.0	72	286	07	2923	-18.3	67	271	07
15	1019	-18.3	83	315	02	0203	-14.1	75	060	05	1438	-13.4	76	291	05	2900	-19.8	38	304	06
16	1020	-13.4	83	050	05	0210	-14.1	75	060	05	1438	-12.6	79	000	00	2900	-19.1	52	666	66
17	1022	-13.7	83	060	10	0229	-10.7	77	087	06	1451	-16.2	51	052	04	2958	-16.2	36	.	.
18	1020	-10.4	70	040	03	0214	-09.0	72	020	04	1476	-06.7	07	075	02	2971	-13.4	.	275	04
19	1017	-11.1	80	000	00	0191	-11.9	73	000	00	1458	-05.6	A15	278	05	2965	-11.5	A16	280	09
20	1008	-07.5	81	140	01	0124	-08.0	82	166	02	1381	-09.4	90	305	04	2868	-15.8	76	298	08
21	1006	-16.7	75	290	02	0113	-15.7	75	302	02	1337	-15.4	76	035	03	2788	-20.0	79	099	09
22	1005	-11.0	84	360	08	0100	-10.8	85	010	08	1350	-11.9	87	069	05	2819	-19.3	79	068	10
23	1002	-06.6	81	140	02	0077	-06.8	80	130	02	1350	-07.6	54	083	06	2848	-13.4	80	113	08
24	1003	-07.9	88	130	05	0085	-08.2	87	140	05	1357	-07.3	72	240	03	2854	-14.4	82	203	03
25	1004	-07.7	81	000	00	0093	-08.0	81	000	00	1352	-11.9	83	145	03	2822	-16.4	27	195	04
26	1002	-08.3	84	000	00	0077	-08.5	85	000	00	1320	-11.6	80	170	05	2805	-13.8	31	188	05
27	1003	-08.3	88	290	04	0085	-08.3	82	300	03	1334	-14.6	81	145	03	2804	-16.3	65	127	06
28	1005	-09.5	88	300	03	0100	-12.1	87	309	02	1334	-17.0	75	156	04	2788	-18.5	36	176	03
29	1004	-10.5	87	320	03	0093	-10.5	86	321	03	1334	-15.8	80	097	02	2802	-16.8	73	167	03
30	1001	-09.8	88	250	04	0070	-09.9	88	252	04	1316	-11.6	88	078	05	2782	-18.5	71	102	03
31	999	-08.2	84	050	13	0056	.	.	.	.	1316	-07.1	54	095	09	2809	-14.5	50	102	08
MN	1011	-15.5	79	.	.	143	-14.3	76	.	.	1377	-14.5	68	3	01	2835	-20.0	57	358	02

Day	500 MBS				400 MBS				300 MBS				200 MBS					
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.		
01	5247	-40.1	011	07	6737	-50.3	030	10	8584	-52.3	031	04	11290	-42.7	088	01		
02	5293	-39.6	37	294	07	6789	-49.3	223	03	8652	-50.0	232	02	11360	-42.1	242	03	
03	5273	-39.2	52	271	04	6773	-49.0	252	04	8660	-44.9	255	02	11404	-41.6	230	03	
04	5190	-37.2	275	28	6721	-40.5	272	19	8673	-40.2	263	10	11437	-41.4	294	08		
05	5125	-38.4	007	14	6661	-38.9	004	13	8633	-38.4	312	02	11405	-40.3	290	04		
06	5077	-38.2	A22	314	19	6608	-40.0	A22	327	11	8579	-38.2	013	06	11362	-39.5	026	05
07	4988	-38.4	42	085	15	6518	-40.5	070	10	8487	-38.6	054	03	11273	-38.0	010	03	
08	5050	-37.8	63	070	21	6566	-45.8	068	23	8474	-42.7	076	09	11239	-39.7	335	03	
09	5062	-38.6	64	040	18	6565	-47.6	038	11	8467	-44.4	048	07	11228	-39.2	040	03	
10	5146	-39.0	70	020	10	6645	-49.7	026	14	8525	-47.8	032	05	11257	-40.9	000	00	
11	5242	-37.7	62	328	06	6750	-47.0	358	08	8625	-50.1	311	07	11345	-41.3	275	11	
12	5315	-36.0	43	260	05	6829	-47.6	266	05	8713	-49.1	290	12	11420	-42.8	272	06	
13	5380	-32.9	62	330	10	6919	-43.5	345	11	8796	-56.5	334	10	11457	-44.4	301	08	
14	5355	-35.1	57	329	06	6881	-45.3	313	05	8755	-52.4	296	06	11463	-44.0	304	08	
15	5321	-35.1	66	278	08	6844	-46.7	281	12	8742	-46.4	278	10	11463	-42.7	302	07	
16	5334	-34.5	A21	565	66	6857	-45.2	666	66	8763	-45.9	288	02	11493	-42.8	297	02	
17	5407	-32.4	39	.	.	6947	-42.6	.	.	8867	-46.4	.	.	11572	-44.8	.	.	
18	5451	-29.8	246	05	7010	-39.8	235	11	8933	-48.4	255	06	11614	-46.0	282	04		
19	5483	-29.4	46	293	12	7066	-36.2	A21	328	15	9000	-50.9	326	17	11625	-47.8	292	07
20	5336	-30.6	A20	270	13	6883	-42.3	271	15	8796	-46.0	274	13	11521	-43.4	279	11	
21	5210	-35.5	73	117	08	6729	-44.0	107	07	8679	-39.0	038	02	11467	-39.2	355	05	
22	5266	-32.6	70	107	15	6805	-42.9	122	20	8732	-45.2	329	19	11467	-42.5	083	04	
23	5323	-31.0	61	100	08	6874	-40.5	099	15	8778	-53.9	103	08	11449	-44.4	109	06	
24	5329	-29.7	69	154	12	6888	-40.0	56	094	05	8798	-52.4	121	03	11502	-41.7	088	04
25	5276	-31.7	A20	192	11	6824	-41.9	226	09	8746	-47.0	225	07	11472	-41.8	135	02	
26	5289	-30.2	65	200	10	6855	-42.3	196	11	8724	-53.9	184	09	11418	-42.6	135	05	
27	5287	-30.4	43	167	03	6817	-41.8	152	05	8714	-53.3	160	13	11406	-42.4	143	07	
28	5220	-33.2	A20	187	07	6756	-44.1	166	09	8643	-51.6	149	08	11339	-43.6	136	06	
29	5259	-31.3	A20	129	04	6805	-41.8	118	10	8705	-49.6	124	08	11431	-40.6	102	06	
30	5222	-33.6	42	118	05	6752	-44.3	090	11	8659	-45.3	126	08	11409	-40.4	135	06	
31	5269	-31.6	51	134	07	6808	-44.0	172	18	8701	-48.7	159	08	11440	-40.6	146	06	
MN	5258	-34.4	48	333	02	6789	-43.7	33	20	01	8698	-47.4	297	01	11420	-42.1	281	01

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	13236	-42.2	127	01	15972	-42.2	085	01	17478	-43.7	083	03	20644	-43.2	.	.
02	13313	-42.5	209	04	16047	-43.3	303	01	17553	-42.5	135	03	20725	-44.2	129	04
03	13356	-42.2	281	03	16086	-43.3	000	00	17587	-43.8	150	01	20740	-44.7	067	01
04	13386	-42.7	300	04	16109	-44.2	264	08	17602	-44.8	280	11	20746	-44.7	.	.
05	13366	-41.4	297	03	16112	-43.0	000	00	17612	-43.3	000	00	20767	-44.3	000	00
06	1															

SUMMARY OF CONSTANT PRESSURE DATA

JUNE 1959

RESOLUTE, N.W.T.

00 GMT.

STATION INSTRUMENTATION
 USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 72924 74°43'N 94°59'W 64 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.
01	998	-04.9	88	030 13	0048	.	.	.	1323	-09.1	80	075 10	2813	-12.3	75	106 12
02	995	-02.4	81	030 06	0021	.	.	.	1306	-08.1	67	064 10	2805	-12.1	76	095 09
03	1001	-04.3	78	140 01	0062	-04.3	78	140 01	1306	-08.1	84	110 02	2814	-15.0	84	088 08
04	1001	-04.6	92	150 04	0070	-04.6	92	152 04	1338	-08.2	86	164 05	2827	-14.4	83	129 10
05	1008	-04.5	92	260 02	0125	-04.9	92	268 02	1394	-06.1	71	000 00	2907	-09.9	415	109 03
06	1005	-06.1	92	320 05	0101	-06.3	91	320 05	1374	-03.2	62	019 03	2895	-07.8	27	104 08
07	1004	-05.3	84	140 09	0093	-05.5	83	141 09	1364	-06.4	50	156 32	2873	-11.0	51	158 11
08	1005	-01.6	96	140 13	0102	666.6	66	146 14	1385	-04.7	86	171 14	2893	-12.2	81	166 20
09	1011	-03.9	88	150 05	0148	-04.6	88	161 05	1414	-06.8	68	192 09	2920	-11.9	29	211 11
10	998	-00.1	96	130 08	0045	.	.	.	1325	-06.7	89	168 10	2893	-10.7	83	170 12
11	1003	-03.1	85	230 07	0086	-03.2	86	231 07	1348	-11.6	86	254 10	2819	-18.4	69	187 03
12	1003	-03.7	85	180 02	0086	-03.9	84	000 00	1350	-10.0	74	348 02	2834	-14.6	31	038 07
13	1008	-04.2	88	315 03	0125	-04.8	87	320 03	1400	-06.8	64	322 05	2902	-11.3	A16	313 03
14	1009	-04.1	85	140 02	0133	-04.0	85	141 02	1412	-07.7	79	124 01	2916	-10.0	40	316 02
15	1009	-00.9	98	070 07	0137	-01.4	86	083 08	1407	-10.7	65	120 09	2905	-11.6	33	098 07
16	1015	00.7	86	090 15	0181	001.8	94	666 66	1491	-00.6	94	138 13	3028	-07.9	85	155 13
17	1019	001.4	85	120 13	0211	000.8	73	140 13	1526	002.7	A13	188 09	3075	-05.1	42	199 12
18	1015	003.2	79	060 07	0182	003.6	68	060 06	1506	003.7	A1	243 02	3054	-07.7	58	296 02
19	1016	001.0	89	320 10	0190	-00.2	90	333 10	1486	-02.3	68	341 14	3012	-08.5	50	349 12
20	1014	000.9	92	320 08	0173	000.0	93	329 09	1462	-04.2	88	354 13	2982	-09.6	54	344 16
21	1006	000.5	96	290 09	0110	000.3	92	300 08	1394	-05.6	74	339 14	2898	-11.2	68	325 24
22	1003	000.4	92	340 08	0086	000.1	92	342 08	1368	-07.2	82	006 08	2856	-15.2	83	330 06
23	1000	-00.8	85	150 05	0062	-00.8	85	150 05	1334	-08.9	79	190 05	2825	-13.8	71	350 01
24	1008	-00.6	92	000 00	0126	000.0	83	000 00	1412	-08.3	75	.	2898	-15.5	46	.
25	1018	002.8	82	070 06	0206	001.9	81	091 06	1495	-06.9	88	113 06	2984	-13.6	31	127 02
26	1019	003.2	82	030 13	0214	003.8	68	038 14	1517	-02.8	45	066 06	3053	-06.1	37	102 04
27	1018	004.9	70	050 05	0208	004.8	57	076 04	1514	-01.3	46	086 06	3043	-08.7	81	097 07
28	1015	006.4	76	010 05	0184	006.4	65	019 05	1512	004.2	53	045 04	3065	-05.2	66	103 05
29	1007	004.8	82	040 21	0119	006.3	73	045 19	1462	004.2	22	031 05	3023	-02.4	66	082 06
30	999	006.2	76	020 15	0097	.	.	.	1394	006.8	A13	068 10	2962	-03.0	69	070 09
MN	1008	-00.6	86	.	123	-00.7	83	.	1411	-04.6	66	114 02	2924	-10.5	55	110 02

Day	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.
01	5307	-28.3	61	121 11	6867	-41.4	137	15	8753	-54.7	145	20	11463	-42.4	155	07
02	5312	-26.7	73	114 21	6883	-39.5	66	116 33	8804	-47.9	135	38	11511	-43.1	156	05
03	5306	-27.9	64	119 14	6876	-39.2	.	.	8790	-50.2	.	.	11471	-46.4	.	.
04	5302	-29.4	A19	121 17	6854	-41.6	126	20	8789	-44.8	120	29	11504	-43.4	110	10
05	5434	-24.1	30	132 16	7021	-36.7	48	129 23	8962	-48.0	134	33	11622	-46.0	106	09
06	5430	-23.4	A18	101 22	7028	-34.0	A21	112 28	8999	-45.0	114	37	11637	-48.9	188	08
07	5375	-27.8	A19	115 24	6941	-39.3	A22	116 25	8890	-43.4	.	.	11625	-42.2	.	.
08	5405	-24.6	27	.	6993	-36.8	A22	.	8923	-50.8	.	.	11613	-42.9	.	.
09	5429	-26.5	67	.	6999	-40.0	67	.	8906	-52.3	.	.	11593	-43.0	.	.
10	5346	-27.6	66	157 28	6913	-39.8	54	163 28	8841	-47.5	.	.	11559	-42.1	.	.
11	5251	-34.1	43	172 04	6792	-39.3	31	143 14	8763	-39.0	150	09	11538	-40.0	.	.
12	5314	-29.0	A19	112 17	6882	-37.9	A22	114 22	8824	-44.4	090	11	11559	-41.4	348	06
13	5412	-27.4	38	283 01	6983	-38.8	30	311 04	8899	-51.8	343	06	11592	-42.8	346	06
14	5432	-27.0	48	329 05	7002	-39.5	52	329 08	8916	-51.3	317	09	11606	-45.9	345	05
15	5412	-27.0	36	012 02	6984	-38.8	A22	270 22	8898	-51.9	267	14	11592	-43.2	265	03
16	5577	-21.1	65	215 22	7172	-28.6	56	225 22	9106	-51.4	220	34	11785	-44.9	.	.
17	5639	-22.5	40	235 16	7249	-31.0	60	233 12	9223	-48.9	263	11	11834	-50.5	235	03
18	5604	-22.7	48	055 08	7213	-33.5	44	056 12	9167	-48.9	047	15	11813	-45.8	060	01
19	5562	-20.9	38	354 17	7174	-32.7	30	350 13	9130	-48.0	003	15	11737	-47.0	325	09
20	5516	-23.7	62	334 26	7121	-33.2	60	327 24	9093	-46.3	334	33	11739	-46.9	335	27
21	5410	-26.0	40	.	6992	-36.4	A21	.	8938	-44.9	.	.	11667	-41.4	.	.
22	5343	-27.9	69	352 09	6904	-40.7	320	16	8842	-41.5	353	18	11620	-39.5	012	10
23	5326	-27.9	58	011 09	6892	-40.0	54	012 09	8819	-44.8	019	13	11564	-41.1	113	11
24	5381	-28.4	40	.	6944	-39.9	A22	.	8873	-66.6	.	.	11641	-39.4	.	.
25	5475	-27.9	A19	190 07	7042	-40.5	195	10	8964	-45.1	.	.	11698	-42.0	175	04
26	5623	-20.5	53	199 04	7233	-32.5	58	196 08	9199	-46.8	180	12	11822	-50.2	169	07
27	5575	-25.4	35	131 15	7166	-33.9	A21	148 33	9132	-45.3	136	24	11814	-46.7	130	11
28	5633	-21.1	69	136 07	7243	-32.9	69	143 09	9203	-47.9	141	14	11835	-46.9	136	08
29	5500	-29.4	60	092 08	7216	-32.7	48	109 08	9176	-48.4	125	10	11800	-45.7	.	.
30	5540	-21.4	74	062 20	7150	-33.5	98	240 02	9127	-43.2	.	.	.	.	.	.
MN	5442	-25.7	47	113 06	7024	-37.1	42	134 08	8965	-47.4	122	07	11655	-44.2	95	01

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm.	Temp. °C	R.H. %	Wind dir. sps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind dir. sps.
01	13389	-42.2	150	04	16129	-41.6	159	07	17647	-40.8	165	07	20831	.	.	.
02	13458	-41.4	120	09	16213	-41.4	.	.	17727	-41.3	.	.	20922	-40.4	.	.
03	13401	-44.2	.	.	.	.	.	.	.	.	.	.	.	.	.	.
04	13436	-43.3	124	10	16164	-42.8	071	05	17747	.	.	.	.	.	.	.
05	13544	-44.0	098	08	16270	-43.7	053	04	17794	-42.0	105	02	20951	-43.1	315	02
06	13547	-46.1	124	04	16231	-44.1	106	01	17747	-43.2	077	02	20926	.	.	.
07	13569	-43.2	.	.	16296	-43.3	.	.	17799	-42.5	.	.	20980	-41.1	.	.
08	13556	-40.8	.	.	16295	-44.2	.	.	17794	-43.4	.	.	.	.	.	.
09	13533	-43.0	.	.	16262	-42.5	.	.	17762	-42.7	.	.	.	.	.	.
10	13504	-42.0	.	.	16240	-43.0	.	.	17747	-42.2	.	.	.	.	.	.
11	13491	-42.0	000	00	16233	-42.5	340	03	17742	-41.8	.	.	.	.	.	.
12	13507	-43.0	322	04	16239	-42.8	360	02	17750	-40.9	357	02	20936	-40.7	057	05
13	13539	-43.1	334	05	16272	-42.5	.	.	17790	-40.7	359	04	20953	-40.6	.	.
14	13547	-42.6	331	05	16285	-42.4	.	.	17790	-40.7	.	.	20988	-40.7	.	.
15	13536	-42.7	290	03	16272	-42.4	015	04	17795	-41.9	343	03	20988	-40.5	251	04

SUMMARY OF CONSTANT PRESSURE DATA

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JUNE 1959

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. LATITUDE LONGITUDE ELEVATION
 72924 74°43'N 94°59'W 64 METERS

RESOLUTE, N.W.T.

12 GMT.

Day	SURFACE				1000 MBS				850 MBS				700 MBS										
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.							
01	996	-06.7	88	040	05	0033	-	-	1301	-05.9	31	088	09	2805	-12.6	A16	089	13					
02	997	-05.8	88	180	02	0040	-	-	1303	-08.3	93	101	05	2800	-12.7	89	104	07					
03	999	-05.8	88	320	03	0054	-	-	1327	-07.4	90	035	06	2827	-14.3	81	096	06					
04	1006	-06.5	88	140	03	0109	-07.4	85	157	04	1361	-10.2	84	112	04	2845	-14.1	36	126	08			
05	1007	-06.5	88	290	05	0116	-06.9	85	293	05	1385	-05.1	83	043	05	2893	-10.2	47	056	04			
06	1004	-07.2	88	090	01	0093	-07.6	89	095	01	1357	-05.5	87	121	13	2867	-10.6	A16	110	09			
07	1004	-02.4	88	110	12	0094	-02.3	87	115	12	1374	-08.1	82	187	17	2886	-10.5	38	187	19			
08	1009	-03.3	92	180	06	0133	-03.8	92	190	06	1396	-08.0	77	195	13	2894	-13.6	A16	191	14			
09	1005	-00.9	88	110	12	0102	-01.0	87	-	-	1385	-06.9	78	-	-	2904	-09.5	70	-	-			
10	1000	-03.7	96	230	11	0062	-03.7	96	230	11	1327	-11.0	89	240	11	2797	-18.9	71	205	13			
11	1002	-04.9	84	180	05	0078	-04.0	85	180	05	1335	-11.9	89	230	05	2807	-17.8	79	262	03			
12	1006	-04.9	84	320	05	0109	-05.3	85	321	05	1370	-08.1	70	348	07	2867	-12.4	A16	005	04			
13	1009	-04.2	92	140	04	0132	-04.3	92	140	04	1409	-06.7	85	341	04	2907	-11.7	83	332	04			
14	1008	-03.9	88	080	12	0125	-04.1	86	088	13	1396	-08.8	66	119	09	2897	-11.8	A16	130	02			
15	1013	-01.5	85	070	13	0165	-00.6	86	084	15	1452	-05.0	71	135	09	2966	-10.2	71	150	06			
16	1018	00.0	6	96	110	12	0206	00.5	93	126	12	1508	00.7	95	206	18	3052	-07.2	90	-	-		
17	1018	00.0	6	96	110	02	0205	00.3	70	116	03	1514	00.6	A14	199	06	3055	-06.5	A15	225	04		
18	1015	-00.3	85	020	07	0181	-00.5	88	033	08	1486	00.1	94	021	07	3028	-07.2	58	026	08			
19	1014	-00.9	92	320	07	0173	-02.0	91	331	11	1466	-02.4	76	356	06	2985	-07.4	74	330	13			
20	1011	00.0	1	96	290	04	0149	-00.1	94	307	05	1441	-04.3	89	309	14	2959	-09.9	88	322	18		
21	1003	-01.7	88	340	09	0102	-02.0	87	344	09	1380	-08.9	73	348	08	2869	-14.2	40	356	11			
22	1001	-01.6	92	340	03	0070	-01.7	91	340	03	1362	-08.8	80	256	01	2831	-14.1	68	017	05			
23	1003	00.0	2	85	090	05	0086	00.0	85	092	05	1364	-09.3	80	168	08	2850	-14.9	67	137	01		
24	1012	00.0	6	92	130	05	0157	00.0	92	131	05	1445	-07.0	85	141	03	2928	-11.6	53	117	04		
25	1019	00.1	8	78	050	04	0213	00.1	69	056	06	1503	-06.5	50	050	07	3005	-11.6	59	150	03		
26	1018	00.2	2	85	030	15	0206	00.2	69	049	13	1511	-02.0	43	063	07	3048	-06.6	76	074	07		
27	1018	00.6	9	65	000	00	0209	00.6	40	000	00	1523	00.0	61	185	06	3060	-06.0	53	165	12		
28	1012	00.9	7	65	320	05	0159	00.6	60	005	05	1486	00.5	23	028	03	3033	-04.2	33	155	03		
29	1004	00.3	9	70	010	12	0094	00.4	3	67	111	12	1427	00.4	7	38	056	11	2993	-02.5	66	069	10
30	998	00.5	2	79	040	15	0045	-	-	-	-	-	1381	00.3	9	64	067	06	2939	-04.8	65	045	13
MN	1008	-01.5	86	-	-	-	123	-01.4	83	-	-	-	1409	-05.0	69	124	02	2920	-10.8	55	92	02	

Day	500 MBS				400 MBS				300 MBS				200 MBS					
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.		
01	5295	-28.8	60	115	18	6853	-41.3	106	16	8749	-52.0	117	15	11448	-41.9	135	09	
02	5305	-26.7	80	118	21	6889	-37.0	75	129	20	8830	-47.2	125	39	11503	-45.8	-	-
03	5307	-28.7	69	090	15	6868	-39.3	56	098	19	8789	-48.5	113	21	11489	-44.2	096	15
04	5325	-29.5	A20	132	18	6887	-38.5	A22	142	35	8812	-50.4	132	53	11489	-45.4	-	-
05	5431	-24.0	39	103	13	7029	-33.0	39	112	20	8981	-47.9	118	43	11614	-47.9	122	08
06	5386	-24.6	A18	097	25	6975	-36.5	A22	103	30	8921	-48.7	-	-	11524	-45.6	-	-
07	5401	-25.1	A18	-	-	6980	-38.9	39	-	-	8911	-46.3	-	-	11524	-41.9	-	-
08	5381	-29.0	A19	-	-	6943	-39.6	A22	175	23	8911	-46.3	162	18	11584	-44.0	183	18
09	5421	-26.8	72	186	21	6966	-39.2	65	-	-	8908	-53.0	-	-	11585	-43.9	-	-
10	5229	-30.2	37	175	29	6805	-36.1	30	159	46	8771	-40.9	164	23	11535	-39.8	183	06
11	5254	-32.4	32	135	09	6809	-36.2	A21	130	16	8767	-40.4	105	05	11548	-40.4	335	02
12	5370	-26.6	A19	071	05	6943	-38.3	A22	040	05	8861	-51.5	035	05	11528	-44.1	354	06
13	5406	-27.7	41	339	07	6974	-39.4	33	328	06	8888	-51.3	314	04	11575	-43.3	356	05
14	5400	-27.6	A19	025	04	6965	-39.6	A22	-	-	8879	-52.2	-	-	11563	-43.4	-	-
15	5485	-26.3	70	156	06	7059	-38.7	71	116	07	8985	-46.0	175	06	11717	-41.7	216	11
16	5602	-23.2	50	-	-	7207	-32.7	67	-	-	9177	-47.6	-	-	11807	-47.1	-	-
17	5604	-23.9	37	208	01	7197	-34.3	69	072	08	9151	-48.8	060	20	11779	-46.7	050	05
18	5581	-20.6	28	028	14	7190	-33.6	47	023	13	9143	-49.3	017	12	11788	-45.2	027	04
19	5549	-21.4	34	342	18	7157	-33.6	A21	330	23	9108	-48.4	337	19	11751	-47.9	335	22
20	5482	-25.0	62	331	26	7075	-35.5	62	329	33	9013	-47.4	342	31	11710	-43.9	332	16
21	5357	-27.8	69	-	-	6932	-38.0	A22	-	-	8868	-45.1	-	-	11618	-41.0	-	-
22	5325	-27.7	30	018	14	6895	-39.7	32	023	22	8856	-44.4	028	27	11570	-40.7	360	16
23	5346	-28.4	A19	017	08	6905	-41.4	-	021	07	8824	-44.0	012	12	11577	-40.6	018	08
24	5409	-29.1	34	045	03	6968	-40.5	031	03	8886	-44.2	046	03	11637	-40.6	063	03	
25	5513	-26.0	A19	020	19	7095	-36.6	48	-	-	9030	-48.9	-	-	11729	-43.9	-	-
26	5606	-21.9	76	065	10	7210	-34.0	48	-	-	9163	-49.1	-	-	11799	-47.8	-	-
27	5628	-20.4	47	164	15	7238	-33.5	60	165	19	9191	-48.7	158	18	11816	-47.9	138	08
28	5597	-21.5	29	125	10	7200	-34.3	46	137	11	9142	-51.0	149	20	11768	-45.0	139	10
29	5572	-21.3	73	105	11	7180	-33.7	55	091	14	9132	-48.9	091	12	11771	-44.1	136	14
30	5517	-19.7	A17	048	14	7137	-31.8	A20	047	14	9129	-43.2	116	04	11783	-46.0	238	05
MN	5436	-25.7	42	101	06	7019	-36.9	42	104	09	8957	-47.7	104	10	11643	-44.1	82	01

Day	150 MBS				100 MBS				80 MBS				50 MBS				
	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (ft. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	
01	13393	-42.7	-	122	15	16149	-40.7	161	07	17667	-41.6	106	07	20850	-40.5	120	12
02	13427	-42.4	-	-	-	16165	-42.2	-	-	17668	-42.5	-	-	20851	-41.7	-	-
03	13427	-43.4	-	127	09	16161	-42.1	084	07	17671	-42.5	085	05	20857	-41.6	080	05
04	13421	-43.9	-	-	-	16138	-44.2	-	-	17637	-43.4	-					

SUMMARY OF CONSTANT PRESSURE DATA

JANUARY 1959

SACHS HARBOUR, N.W.T.

00 GMT.

STATION INSTRUMENTATION
USWB type radiosonde, Metox RDF tracking equipment
INDEX No. 74051 LATITUDE 71°57'N LONGITUDE 124°44'W ELEVATION 84 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (Press. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.				
																	gpm.	°C	%	deg. mps.
01	1019	-34.8	51	300	06	0174	-35.0	54	305	08	1310	-32.9	70	315	13	2649	-36.9	63	320	18
02	1024	-35.4	51	270	05	0248	-33.1	48	275	07	1394	-29.1	69	280	11	2782	-32.3	76	290	13
03	1017	-36.2	67	325	06	0201	-35.5	54	330	07	1333	-33.1	59	305	14	2689	-36.7	45	290	14
04	1029	-40.4	67	045	07	0283	-31.1	67	045	08	1429	-31.8	80	085	09	2809	-32.0	81	105	10
05	1012	-27.8	77	360	18	0172	-26.4	86	020	17	1387	-16.2	85	080	13	2893	-23.0	83	080	13
06	1013	-19.7	79	090	08	0177	-18.8	78	105	09	1401	-14.4	81	120	14	2860	-19.0	89	120	19
07	1016	-22.9	74	080	09	0199	-20.8	70	085	08	1415	-15.2	65	070	15	2870	-19.1	62	085	17
08	1029	-27.9	73	225	05	0289	-28.4	77	225	04	1482	-18.1	84	090	05	2932	-20.2	90	110	07
09	1029	-29.0	73	045	04	0287	-25.5	66	060	03	1489	-18.8	26	110	08	2930	-22.9	18	110	10
10	1024	-27.8	66	045	07	0262	-18.3	55	060	05	1480	-16.7	47	110	07	2990	-22.2	39	185	02
11	1024	-24.8	70	135	02	0255	-18.1	53	075	03	1490	-13.8	48	105	07	2946	-25.6	41	060	10
12	1021	-26.4	73	045	06	0239	-16.0	48	040	08	1444	-17.8	41	045	12	2896	-23.4	46	035	13
13	1016	-31.5	65	360	04	0196	-25.1	66	015	07	1406	-18.6	44	005	15	2918	-21.1	41	010	16
14	1020	-27.6	77	360	13	0226	-23.9	77	010	13	1461	-13.4	44	005	15	2918	-21.1	41	010	16
15	1026	-31.7	65	360	05	0270	-23.6	67	020	07	1487	-15.7	29	020	15	2937	-21.7	28	015	19
16	1016	-28.9	62	135	06	0200	-26.7	68	120	05	1446	-18.8	41	065	12	2884	-22.8	41	050	11
17	1016	-28.9	62	135	06	0200	-26.7	62	145	06	1388	-23.1	47	130	06	2818	-22.9	62	060	03
18	1016	-31.6	65	135	03	0196	-29.8	59	165	04	1387	-21.9	29	215	04	2809	-25.0	64	310	03
19	1017	-32.4	46	345	09	0201	-31.3	55	345	11	1381	-22.9	65	360	15	2794	-26.4	41	355	15
20	1016	-33.1	54	360	04	0200	-25.2	66	335	05	1399	-19.7	47	345	09	2837	-22.6	49	340	11
21	1021	-27.3	73	360	22	0236	-25.8	74	010	22	1445	-16.8	62	020	22	2820	-20.8	42	025	22
22	1019	-28.8	65	360	07	0222	-25.0	71	005	07	1419	-22.9	51	010	14	2825	-29.8	52	005	16
23	1017	-32.0	65	045	08	0202	-30.7	70	035	07	1401	-17.3	78	030	07	2832	-27.0	72	045	11
24	1018	-29.7	69	360	06	0215	-27.1	72	005	07	1420	-19.9	74	020	07	2848	-24.2	60	300	10
25	1014	-31.6	58	360	08	0183	-27.1	62	005	10	1393	-18.1	41	020	13	2835	-20.9	30	025	20
26	1003	-22.8	78	360	09	0108	-22.9	78	360	09	1312	-16.2	87	030	14	2770	-19.3	48	040	21
27	1012	-25.2	78	360	05	0168	-26.0	78	005	11	1386	-18.6	32	005	20	2835	-20.9	56		
28	1014	-31.3	65	360	05	0182	-23.6	74	005	11	1386	-18.6	32	005	20	2835	-20.9	56		
29	1019	-28.1	69	090	07	0218	-20.8	58	010	03	1432	-15.8	67	355	07	2881	-20.8	47	020	11
30	1015	-29.4	69	135	07	0190	-24.9	66	165	08	1427	-11.4	36	220	08	2909	-14.9	41	195	05
31	1014	-26.4	73	190	04	0182	-27.1	80	215	08	1403	-10.9	63	255	09	2880	-17.6	53	250	10
MN	1018	-29.3	67			214	-25.8	66			1414	-19.2	48	26	07	2850	-23.6	47	26	08

Day	500 MBS				400 MBS				300 MBS				200 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.						
																	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	4963	-45.0							6431	-52.5				8269	-57.2			10846	-55.5			
02	5102	-44.5			300	13	5560	-55.2		315	13	8363	-60.5		310	19	10911	-58.0		310	23	
03	4978	-44.6			280	15	6457	-49.8		280	12	8325	-52.5		305	11	10941	-54.3		310	12	
04	5133	-43.8			145	13	6611	-50.7		150	16	8463	-55.1		145	20	11038	-57.8		120	10	
05	5241	-34.4			75	120	6770	-44.4		130	23	8660	-53.9		150	49	11192	-62.2		140	15	
06	5297	-34.0			77	110	6827	-44.0		105	11	8720	-53.1		090	13	11238	-69.3		090	11	
07	5308	-32.1			69	075	20	6848	-42.1		070	21	8739	-53.0		080	18	11231	-66.9		080	23
08	5344	-34.6			78	115	07	6866	-46.1		110	10	8725	-58.0		085	08	11242				
09	5335	-36.8			58	210	03	6845	-47.9		180	04	8696	-58.0		255	02	11238	-57.8		355	04
10	5334	-36.8			55	285	09	6843	-47.9		270	15	8700	-55.9		280	11	11264	-55.1		300	07
11	5350	-36.7			A22	360	09	6862	-46.4		040	08	8730	-56.4		020	05	11298	-57.0		010	06
12	5272	-39.5			A22	940	13	6772	-48.3		020	15	8632	-56.5		030	12	11235	-54.2		020	10
13	5233	-37.2			50	035	16	6737	-48.6		045	17	8578	-59.1		040	16	11169	-52.9		005	11
14	5345	-34.1			A21	350	15	6872	-45.2		360	14	8742	-57.9		035	10	11277	-57.7		360	14
15	5356	-35.2			50	350	17	6877	-45.1		005	12	8748	-57.1		005	14	11344	-50.0		360	10
16	5286	-34.8			A21	355	03	6811	-44.9		030	06	8677	-57.2		015	04	11286	-50.2		305	11
17	5217	-35.7			A21	025	10	6741	-45.1		005	08	8624	-52.5		010	10	11253	-51.1		285	16
18	5192	-37.3			A22	300	03	6702	-46.7		265	02	8572	-52.9		305	04	11224	-47.9		315	15
19	5182	-36.1			A21	360	23	6701	-45.2				8598	-48.6				11281	-45.0			
20	5245	-36.6			38	020	06	6760	-44.1		015	07	8663	-47.8		360	08	11363	-42.8		350	21
21	5301	-36.4			47	015	19	6816	-45.7		350	18	8693	-52.7		010	14	11326	-49.0		355	25
22	5203	-35.1			A21			6726	-44.6				8626	-50.4				11285	-46.3			
23	5209	-38.2			A1	040	16	6717	-46.7		040	18	8595	-53.2		040	19	11216	-51.6		360	24
24	5246	-36.4			48	035	16	6764	-45.3		035	21	8633	-57.5		035	28	11183	-58.7		030	24
25	5260	-34.2			48			6790	-44.7				8651	-59.7				11159	-60.4			
26	5226	-31.3			A20			6769	-42.8				8654	-56.1				11182	-62.1			
27	5303	-32.4			A20	005	24	6839	-44.0		010	33	8712	-57.4				11194	-69.0			
28	5238	-36.3			74			6759	-45.2				8621	-58.8				11114	-63.4			
29	5306	-33.7			A21	030	22	6838	-44.0		015	22	8711	-57.9		020	23	11181	-69.0		020	17
30	5365	-33.2			A20	230	04	6892	-45.8		315	09	8748	-59.9		345	12	11201	-69.9		325	10
31	5301	-36.9			46	245	12	6811	-47.6		260	10	8671	-56.5		260	11	11194	-62.8		270	13
MN	5247	-36.5			40	20	07	6762	-46.3		16	07	8630	-55.7		29	05	11197	-56.9		355	08

Day	150 MBS				100 MBS				80 MBS				50 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. (Press. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.

SUMMARY OF CONSTANT PRESSURE DATA

JANUARY 1959

SACHS HARBOUR, N.W.T.

12 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metox LDF tracking equipment

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

Z	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.				
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	1023	-36.3	67	270	03	0244	-36.5	66	300	05	1385	-31.7	68	310	11	2757	-33.0	A20	320	15
02	1019	-30.6	58	250	05	0217	-31.9	61	260	06	1366	-31.1	81	290	12	2747	-30.7	73	305	11
03	1024	-40.4	36	07	0246	-37.5	01	010	09	1368	-39.8	04	045	08	2712	-36.1	07	070	11	
04	1025	-33.9	72	020	12	0259	-30.7	72	025	13	1442	-26.4	77	055	09	2856	-24.7	78	080	10
05	1009	-20.8	71	090	05	0148	-20.2	69	100	06	1363	-17.0	79	120	13	2821	-19.0	62	105	19
06	1012	-23.7	74	04	18	0171	-20.4	73	070	17	1409	-18.1	72	080	21	2885	-16.7	38	080	18
07	1023	-24.6	74	090	06	0246	-23.3	73	080	05	1438	-18.1	80	080	08	2889	-19.9	79	075	08
08	1051	-29.2	69	000	00	0302	-25.8	59	000	00	1496	-17.6	25	105	08	2949	-20.4	38	080	05
09	1026	-27.7	66	135	01	0271	-20.7	49	000	00	1482	-17.1	26	110	07	2927	-22.0	34	190	02
10	1024	-28.6	77	045	07	0261	-16.8	55	065	05	1495	-13.5	A16	070	07	2945	-23.6	A18	075	06
11	1022	-26.4	70	090	08	0246	-15.0	44	085	09	1488	-15.7	A16	080	12	2933	-23.5	A18	070	13
12	1015	-25.3	70	360	15	0191	-20.7	78	005	15	1410	-18.1	52	020	14	2844	-23.8	04	020	15
13	1016	-27.9	73	360	07	0202	-21.8	70	360	10	1432	-21.8	A17	010	17	2844	-23.2	32	005	13
14	1026	-31.6	58	360	06	0267	-22.7	65	360	08	1486	-17.0	35	360	16	2931	-20.4	A17	360	17
15	1025	-27.6	66	045	05	0265	-19.7	60	055	05	1485	-16.7	A17	030	12	2932	-22.0	A18	020	15
16	1018	-28.8	69	135	06	0211	-28.5	66	145	06	1399	-18.9	46	090	10	2838	-21.1	26	090	07
17	1016	-28.8	65	135	05	0198	-26.9	63	150	05	1386	-26.3	36	160	05	2799	-26.3	59	025	01
18	1015	-30.0	33	000	00	0186	-29.4	41	000	00	1319	-23.8	66	315	07	2780	-26.9	A19	280	07
19	1020	-32.8	64	360	10	0226	-27.9	68	360	13	1419	-21.8	76	355	16	2836	-21.1	67	360	18
20	1014	-32.2	55	360	13	0181	-26.4	64	360	12	1434	-24.0	82	010	12	2844	-22.2	64	005	17
21	1022	-24.1	78	360	11	0216	-23.9	79	360	10	1377	-22.8	52	005	16	2795	-26.8	34	035	14
22	1016	-32.9	64	360	07	0195	-31.8	66	010	10	1427	-18.6	64	045	10	2851	-25.2	62	050	13
23	1020	-29.9	55	045	05	0228	-25.0	65	055	05	1427	-18.6	64	045	10	2851	-25.2	62	050	13
24	1015	-28.9	62	315	09	0188	-23.4	63	330	09	1385	-22.1	61	345	10	2814	-24.0	A18	030	14
25	1010	-23.7	74	270	08	0154	-23.0	69	280	10	1376	-14.8	88	230	22	2820	-20.8	77	335	20
26	1009	-23.3	78	360	08	0150	-23.0	78	005	08	1372	-12.6	61	020	09	2837	-18.7	35	025	14
27	1014	-31.4	58	045	07	0184	-26.0	58	040	08	1397	-16.7	A17	020	15	2851	-19.2	A17	015	20
28	1016	-31.4	76	045	08	0200	-25.7	63	040	08	1407	-19.0	30	020	13	2851	-21.5	49	020	18
29	1018	-28.8	65	135	07	0214	-20.6	61	185	06	1441	-12.4	27	335	03	2909	-17.1	A17	025	09
30	1009	-23.8	66	135	09	0147	-25.0	67	160	10	1386	-10.9	74	230	14	2869	-15.9	A17	225	17
31	1005	-26.5	77	315	07	0118	-27.1	77	315	08	1309	-15.3	70	295	17	2756	-22.6	78	300	11
MN	1018	-28.8	67	270	212	-25.2	65	1414	-19.4	48	18	07	2849	-23.1	41	24	08			

Z	500 MBS				400 MBS				300 MBS				200 MBS											
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.								
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.								
01	5059	-45.9	325	21	6514	-55.1	330	20	8323	-59.2	320	19	10878	-56.6	310	27								
02	5068	-44.6	300	17	6530	-54.0	300	15	8342	-60.0	305	16	10894	-58.0	310	17								
03	5005	-48.8	035	09	6484	-48.6	030	07	8370	-51.3	020	06	10987	-55.2	360	06								
04	5254	-35.6	72	130	14	6782	-45.0	140	17	8658	-57.0	150	25	11164	-61.9	150	13							
05	5266	-31.1	70	120	15	6816	-41.3	125	24	8732	-52.1	145	20	11250	-68.3	100	19							
06	5333	-32.6	42	080	20	6883	-40.7	100	30	8775	-55.9	165	20	11262	-67.9	070	15							
07	5304	-33.0	57	085	14	6834	-45.4	080	14	8706	-54.4	040	14	11206	-65.0	010	04							
08	5353	-36.1	66	110	02	6865	-46.9	155	03	8719	-56.1	070	04	11237	-61.0	010	04							
09	5332	-37.4	A22	235	07	6838	-47.7	270	05	8700	-56.2	290	05	11270	-53.3	900	06							
10	5342	-37.0	A22	305	09	6855	-46.1	290	11	8726	-55.6	300	09	11295	-54.9	320	08							
11	5334	-35.0	A21	405	12	6853	-46.7	050	07	8704	-57.3	060	08	11263	-56.2	020	06							
12	5235	-38.3	52	020	15	6729	-48.1	025	19	8603	-54.3	030	10	11222	-50.4	360	10							
13	5284	-35.1	45	035	15	6796	-48.5	030	17	8646	-58.0	045	15	11220	-53.9	355	10							
14	5355	-35.5	38	355	15	6879	-44.8	350	15	8746	-56.8	320	11	11312	-53.5	345	18							
15	5342	-34.9	A21	005	09	6862	-45.1	340	07	8733	-57.2	360	10	11335	-50.2	310	12							
16	5249	-35.5	A21	005	07	6769	-45.5	050	08	8639	-55.8	330	07	11254	-50.4	305	10							
17	5175	-37.0	45	355	08	6694	-45.3	305	09	8573	-54.2	290	10	11183	-61.9	300	09							
18	5159	-37.7	A22	300	11	6677	-44.0	310	17	8577	-50.3	310	15	11237	-47.2	320	21							
19	5263	-34.5	A21	360	27	6784	-45.9	005	31	8680	-49.4	005	17	11206	-47.0	360	21							
20	5264	-32.1	71	204	36	6814	-41.2	8704	-54.9	8704	-54.9	11343	-46.0	11304	-51.1	11304	-51.1							
21	5264	-34.2	A21	020	33	6772	-43.8	045	21	8547	-50.6	030	22	11205	-48.2	020	27							
22	5154	-38.5	38	040	17	6659	-45.4	050	23	8618	-56.1	040	28	11127	-55.0	030	25							
23	5241	-37.8	32	055	16	6751	-46.6	020	23	8592	-55.0	030	25	11127	-55.0	030	25							
24	5207	-38.6	A22	030	19	6719	-47.0	020	26	11173	-63.0	020	26	11173	-63.0	020	26							
25	5256	-33.9	68	6786	-44.1	015	20	8676	-54.0	11201	-63.0	015	20	8676	-54.0	015	20							
26	5277	-35.7	44	020	20	6805	-44.4	015	20	8676	-57.7	020	26	11173	-63.0	020	26							
27	5286	-34.4	31	6807	-46.8	8661	-59.6	8639	-60.9	11106	-64.4	11106	-64.4	11106	-64.4	11106	-64.4							
28	5262	-35.7	60	010	25	6783	-45.3	010	19	8745	-59.7	360	16	11194	-69.6	355	12							
29	5358	-33.4	A20	030	18	6886	-45.4	225	18	8727	-58.6	280	15	11199	-68.8	265	12							
30	5327	-32.3	A20	225	15	6862	-44.9	300	07	8918	-57.0	280	15	11066	-58.7	295	18							
31	5158	-37.6	71	300	08	6660	-48.6	5250	-36.2	41	21	09	6766	-46.1	21	08	6636	-55.9	7	08	11196	-57.5	345	09

Z	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.
01	12697	-58.6	310	16	15223	-62.1	310	16	16598	-63.8	310	29	19467	-65.9	320	28
02	12699	-59.3	305	19	15217</											

SUMMARY OF CONSTANT PRESSURE DATA

123

FEBRUARY 1959

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

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

SACHS HARBOUR, N.W.T.

12 GMT.

Day	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude opn. (ft. on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude opn. (ft. on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude opn. (ft. on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude opn. (ft. on Sta.)	Temp. °C	R.H. %	Wind dir. sps.				
	opn.	°C	%	dir. sps.	opn.	°C	%	dir. sps.	opn.	°C	%	dir. sps.	opn.	°C	%	dir. sps.				
01	1015	-35.4	51	030	05	0188	-27.5	60	010	05	1378	-21.4	49	360	09	2805	-25.9	A19	350	11
02	1007	-35.1	60	315	04	0134	-31.9	57	320	05	1316	-24.2	75	345	12	2719	-29.5	78	335	13
03	1003	-31.6	72	360	08	0108	-30.3	72	355	08	1306	-21.7	71	005	16	2736	-23.8	50	005	17
04	1014	-30.5	58	020	07	0181	-30.0	76	010	08	1385	-19.1	81	005	16	2839	-21.9	31	010	22
05	1015	-25.6	66	360	06	0188	-29.7	75	010	07	1412	-16.6	55	030	12	2855	-22.6	28	020	15
06	1008	-27.1	73	225	06	0140	-27.1	74	235	07	1358	-12.2	78	285	13	2811	-24.0	66	305	14
07	1011	-32.3	55	045	05	0161	-26.8	57	040	05	1353	-21.0	39	355	04	2779	-25.7	41	335	07
08	1011	-30.3	62	000	00	0180	-28.1	61	000	00	1355	-20.0	29	270	03	2781	-25.4	45	290	06
09	1009	-26.0	70	360	03	0151	-23.6	56	360	03	1335	-23.3	54	350	05	2753	-28.4	63	345	07
10	1009	-30.8	61	135	05	0145	-28.4	62	175	07	1338	-21.0	71	260	08	2654	-28.4	49	260	12
11	987	-25.8	70	180	05	-0113				1183	-19.7	66	090	06	2610	-24.5	33	355	04	
12	1008	-31.2	58	090	03	0138	-27.5	55	090	04	1323	-24.2	36	025	07	2728	-28.6	30	340	09
13	1002	-29.9	62	170	11	0101	-29.2	63	175	11	1295	-20.0	72	290	10	2716	-26.8	54	300	10
14	994	-23.1	78	135	04	0041				1240	-19.2	78	310	08	2671	-24.9	39	320	15	
15	997	-23.8	74	360	06	0062				1249	-21.8	74	345	10	2686	-22.8	49	335	12	
16	1012	-30.9	61	000	00	0168	-27.9	59	000	00	1363	-20.0	67	310	07	2805	-22.4	A18	335	13
17	1001	-21.5	74	180	12	0093	-21.1	74	180	12	1336	-07.9	57	245	06	2831	-14.8	56	290	13
18	992	-19.6	75	180	08	0026				1290	-05.2	48	285	08	2788	-14.3	67	280	19	
19	999	-19.4	58	135	04	0073				1325	-08.1	29	150	01	2818	-14.0	55	295	09	
20	993	-19.9	78	180	12	0035				1289	-04.2	32	220	08	2795	-13.3	47	240	04	
21	991	-19.4	75	180	06	0020				1250	-12.5	83	000	00	2706	-21.9	77	270	07	
22	996	-21.8	64	000	00	0058				1269	-18.1	78	255	06	2703	-25.0	76	265	13	
23	993	-23.8	70	360	08	0033				1226	-22.1	77	005	07	2650	-25.7	75	250	06	
24	998	-31.9	65	270	06	0070				1233	-25.5	64	290	14	2639	-28.0	57	290	15	
25	999	-35.8	45	195	05	0074				1251	-23.8	67	305	14	2662	-28.3	59	305	16	
26	999	-34.2	64	135	03	0078				1258	-23.0	77	300	06	2667	-28.6	72	300	11	
27	996	-32.0	72	180	03	0054				1236	-24.0	81	270	03	2642	-28.1	55	275	08	
28	989	-33.8	64	135	10	0004				1190	-21.3	66	260	04	2614	-25.6	A19	270	07	
MX	1002	-28.0	66		95	-27.5	64			1298	-18.6	63	317	05	2734	-24.1	50	313	09	

Day	500 MBS				400 MBS				300 MBS				200 MBS							
	Altitude opn. (ft. on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude opn. (ft. on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude opn. (ft. on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude opn. (ft. on Sta.)	Temp. °C	R.H. %	Wind dir. sps.				
	opn.	°C	%	dir. sps.	opn.	°C	%	dir. sps.	opn.	°C	%	dir. sps.	opn.	°C	%	dir. sps.				
01	5175	-38.7	A22	315	20	6685	-45.5	295	26	8571	-56.0	285	37	11113	-56.9					
02	5061	-40.9	A22	340	13	6554	-48.5	340	20	8415	-55.4	330	23	11023	-53.8			320	18	
03	5127	-37.4	A22	010	21	6635	-47.8	360	17	8488	-57.2	010	19	11047	-54.0			340	23	
04	5228	-39.6	A22	005	26	6720	-49.8	360	18	8550	-59.4	005	31	11102	-55.9					
05	5256	-37.3	A22	030	21	6762	-48.0	025	17	8611	-59.3	010	20	11117	-58.7			355	11	
06	5191	-40.1	A22	280	16	6678	-51.1	275	16	8508	-58.0	290	16	11087	-53.6			315	16	
07	5145	-40.8	A22	330	15	6626	-52.0	325	15	8450	-59.6	325	21	11033	-52.6			325	22	
08	5162	-37.9	A22	310	09	6663	-49.2	315	15	8498	-61.7	315	15	11014	-56.3			310	22	
09	5095	-42.8	A22	360	06	6567	-52.0	310	09	8387	-61.9	300	14	10924	-56.8			305	21	
10	5091	-44.4	A22	300	12	6551	-55.0	305	16	8371	-58.0	330	17	10959	-56.8			320	28	
11	4987	-38.6	A22	320	14	6489	-48.1	310	17	8330	-59.0	310	19	10904	-54.3			310	25	
12	5061	-44.0	A22	340	17	6527	-53.5	340	21	8341	-60.9	340	17	10884	-56.5			320	15	
13	5062	-42.3	A22	330	19	6542	-50.9	325	24	8376	-58.1	330	22	10941	-55.1			325	29	
14	5066	-37.0	A22	320	25	6568	-49.0	330	34	8419	-57.8			10975	-57.1					
15	5077	-38.0	A22	35	320	18	6576	-49.6	320	19	8418	-56.4	320	31	11008	-55.2				
16	5217	-34.4	A21	345	30	6742	-45.3	340	27	8607	-58.3			11134	-59.9					
17	5301	-30.7	A21	390	28	6848	-42.5	315	37	8726	-57.8	315	47	11245	-57.8			280	27	
18	5274	-29.7	A21	61	275	18	6826	-41.9	285	20	8718	-55.0	290	24	11227	-54.9			280	22
19	5283	-31.2	A21	32	275	14	6826	-42.3	280	19	8707	-57.3	280	22	11226	-62.5			240	13
20	5259	-31.5	A21	54	210	08	6805	-41.9	215	12	8709	-54.2	215	21	11242	-57.5			245	20
21	5098	-37.2	A21	56	220	17	6626	-41.6	235	29	8524	-52.2	245	26	11153	-50.0			245	20
22	5062	-42.6	A21	260	19	6543	-49.3	260	22	8403	-53.9	255	43	11016	-51.8			235	20	
23	5009	-42.6	A21	220	15	6491	-49.6	230	21	8341	-55.0	245	21	10960	-50.7			250	15	
24	4984	-43.1	A21	290	15	6458	-51.3	290	18	8296	-57.2	295	23	10888	-54.5			280	30	
25	5011	-41.3	A21	305	25	6495	-50.6	295	31	8325	-58.5			10886	-56.9					
26	5020	-41.7	A21	295	20	6501	-51.4	300	22	8329	-60.9	300	28	10852	-59.8					
27	4995	-41.4	A21	285	16	6479	-50.0	290	18	8321	-58.8	295	14	10845	-59.4			290	17	
28	4955	-40.3	A21	260	14	6472	-50.5	275	19	8311	-58.8	275	17	10859	-57.4			275	18	
MX	5117	-38.8	35	308	13	6616	-48.5	303	17	8466	-57.8	299	19	11023	-56.3			295	17	

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude opn. (ft. on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude opn. (ft. on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude opn. (ft. on Sta.)	Temp. °C	R.H. %	Wind dir. sps.	Altitude opn. (ft. on Sta.)	Temp. °C	R.H. %	Wind dir. sps.
	opn.	°C	%	dir. sps.	opn.	°C	%	dir. sps.	opn.	°C	%	dir. sps.	opn.	°C	%	dir. sps.
01	12929	-57.2			15527	-53.0			16968	-52.4			20008	-52.3		
02	12882	-50.9		325	24	15544	-49.4		17004	-50.1			20078			
03	12910	-52.4		300	19	15519										
04	12936	-55.1				15519	-57.1		16927	-58.7			19858	-61.9		
05	12936	-56.9		300	18	15516	-55.1		16937	-57.1						
06	12941	-53.2		310	23	15536	-56.8		16942	-59.5		320	26	19861	-63.0	
07	12892	-52.6		320	30	15506	-54.0		16936	-56.9		310	26	19828	-56.9	
08	12845	-55.4		310	27	15436	-54.8		16865	-54.6		310	28	19872	-55.5	
09	12750	-56.3		310	27	15339	-53.9		16778	-52.4		310	41	19819	-52.6	
10	12764	-56.3		320	65	15345										
11	12753	-53.4		305												

SUMMARY OF CONSTANT PRESSURE DATA

MARCH 1959

SACHS HARBOUR, N.W.T.

00 GMT.

STATION INSTRUMENTATION
USWB type radiosonde, Metox RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74051 71°57'N 124°44'W 84 METERS

Day	SURFACE				1000 MBS				850 MBS				700 MBS								
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.					
01	988	-30.4	69	000	00	-004	.	.	60	000	00	1181	-21.5	75	285	09	2603	-25.4	30	280	10
02	1000	-35.2	60	000	00	0084	-35.2	.	44	020	02	1247	-24.2	77	295	10	2651	-29.1	56	290	13
03	1007	-36.8	44	045	02	0130	-33.4	.	44	020	02	1311	-22.8	43	350	05	2726	-27.6	50	350	04
04	1017	-29.8	73	045	03	0204	-25.0	.	70	035	03	1998	-18.2	56	000	00	2818	-25.6	30	275	01
05	1009	-26.8	70	135	03	0151	-26.0	.	68	135	05	1353	-18.4	59	175	10	2800	-23.0	53	195	10
06	996	-23.6	74	270	02	0051	.	.	79	315	02	2696	-18.9	79	315	02	2696	-17.9	80	235	03
07	1001	-31.4	58	270	01	0092	-31.6	.	58	270	01	1273	-19.8	73	240	08	2725	-18.6	A17	270	11
08	1001	-27.7	66	090	02	0093	-27.4	.	64	090	02	1304	-13.6	56	160	04	2764	-20.1	75	200	05
09	1008	-28.2	66	270	03	0139	-28.8	.	69	275	04	1315	-21.6	52	260	13	2766	-20.9	28	245	21
10	1013	-34.2	64	360	04	0174	-30.1	.	63	350	04	1354	-22.8	61	325	02	2772	-24.4	67	235	02
11	1016	-35.0	38	225	02	0197	-33.2	.	44	265	03	1366	-25.9	66	295	07	2764	-30.4	46	290	08
12	1011	-33.4	54	000	00	0162	-31.9	.	51	000	00	1333	-25.4	69	280	06	2738	-28.7	40	285	06
13	1010	-35.8	60	225	03	0150	-33.0	.	59	235	03	1310	-28.9	74	265	06	2693	-31.8	58	245	07
14	1004	-32.6	58	190	06	0114	-32.5	.	60	200	06	1262	-29.7	76	250	12	2637	-34.0	70	280	09
15	1007	-33.4	54	270	05	0132	-33.0	.	56	290	06	1299	-25.3	75	325	16	2694	-31.5	48	315	13
16	1009	-33.1	64	180	05	0146	-32.1	.	63	210	05	1319	-26.7	80	300	10	2707	-32.5	76	300	09
17	1007	-30.2	65	165	04	0136	-28.5	.	67	195	04	1321	-25.4	74	290	05	2709	-32.7	73	310	05
18	1007	-30.7	58	135	07	0135	-28.8	.	59	190	06	1323	-24.2	53	265	05	2724	-30.4	66	280	02
19	1010	-29.1	59	135	08	0152	-29.9	.	60	160	08	1344	-24.3	43	250	08	2742	-31.0	52	265	06
20	1013	-30.4	62	180	09	0176	-28.7	.	63	210	10	1360	-23.8	71	270	08	2762	-30.0	69	270	10
21	1012	-30.2	58	165	07	0166	-27.7	.	57	180	06	1355	-22.9	71	240	06	2767	-27.7	56	230	05
22	1001	-19.7	64	100	11	0088	-19.6	.	64	100	11	1312	-16.4	79	145	07	2752	-23.9	80	185	08
23	1002	-21.1	64	135	11	0096	-20.9	.	64	130	11	1310	-19.1	27	100	08	2746	-23.7	A18	080	07
24	1009	-24.4	63	070	07	0146	-20.9	.	63	065	07	1352	-21.0	33	070	10	2778	-25.1	A18	065	12
25	1013	-26.6	66	360	05	0176	-27.7	.	64	010	05	1360	-22.3	78	040	10	2783	-24.9	76	035	16
26	1016	-28.8	56	000	00	0196	-27.5	.	60	000	00	1387	-20.7	84	010	07	2813	-26.5	69	010	12
27	1015	-27.5	66	135	03	0189	-21.9	.	65	000	00	1400	-18.1	56	330	01	2831	-25.3	33	280	04
28	1010	-19.8	64	000	00	0159	-20.1	.	57	000	00	1382	-16.3	39	170	05	2820	-24.3	A18	205	05
29	1005	-21.7	55	180	02	0119	-22.2	.	59	160	02	1327	-16.9	72	145	08	2763	-23.4	81	170	03
30	1004	-24.9	63	045	01	0110	-24.9	.	63	025	01	1297	-21.7	76	080	04	2728	-24.3	82	010	04
31	1006	-28.5	69	360	05	0126	-26.1	.	69	160	04	1331	-19.6	77	325	05	2750	-27.4	69	320	05

Day	500 MBS				400 MBS				300 MBS				200 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	4979	-39.7	275	14	6473	-48.9	270	20	8319	-58.7	275	21	10873	-55.4	270	19	
02	5002	-41.0	285	20	6496	-50.0	280	25	8335	-59.0	280	25	8335	-59.0	280	25	
03	5092	-39.4	A22	035	05	6588	-48.9	030	02	8439	-56.8	290	09	11021	-53.5	280	20
04	5203	-39.3	A22	305	06	6695	-49.7	290	09	8526	-59.7	285	13	11074	-55.0	270	16
05	5202	-37.5	65	220	13	6710	-47.5	250	17	8574	-56.6	265	28	11177	-50.3	270	21
06	5153	-31.8	72	220	11	6690	-45.0	200	07	8550	-53.7	220	10	11207	-46.0	240	12
07	5162	-33.8	37	255	14	6693	-43.8	255	12	8563	-58.4	250	16	11177	-47.9	240	14
08	5183	-36.0	72	200	06	6691	-48.5	170	06	8566	-56.8	205	09	11169	-47.4	240	12
09	5161	-39.8	245	28	6648	-50.7	240	18	8499	-54.0	250	18	11140	-46.5	250	12	
10	5155	-38.0	72	235	14	6656	-48.8	240	18	8511	-57.3	260	09	11141	-43.8	270	15
11	5086	-44.4	280	09	6561	-50.4	260	20	8424	-51.7	270	23	11123	-42.1	240	13	
12	5076	-42.3	250	15	6560	-49.9	235	16	8347	-49.2	250	14	11057	-42.0	265	13	
13	5015	-44.4	235	14	6484	-52.0	320	15	8300	-50.2	290	10	10992	-44.3	265	13	
14	4948	-43.1	330	12	6404	-50.3	305	17	8352	-55.1	290	14	10995	-47.2	290	10	
15	5030	-42.2	290	13	6510	-50.9	280	10	8315	-56.2	260	07	10950	-47.8	260	17	
16	5013	-45.1	290	11	6477	-52.2	040	07	8317	-56.5	270	07	10944	-47.9	275	15	
17	5026	-44.4	040	07	6493	-53.1	250	06	8316	-59.3	260	09	10931	-49.3	255	20	
18	5046	-46.8	250	04	6505	-54.8	290	07	8328	-58.7	280	09	10930	-51.1	255	14	
19	5058	-45.6	290	07	6513	-55.2	045	08	8380	-61.5	045	07	10940	-54.1	265	08	
20	5094	-42.9	005	02	6565	-52.9	090	10	8457	-60.3	120	09	11000	-56.0	290	11	
21	5131	-39.7	45	115	06	6622	-50.3	210	09	8473	-59.8	140	04	11017	-55.8	210	15
22	5128	-39.9	190	06	6628	-47.4	115	04	8506	-62.2	135	04	11048	-56.1	155	07	
23	5142	-37.2	43	095	05	6653	-46.2	100	05	8504	-60.5	030	12	11091	-53.9	225	04
24	5166	-37.9	67	145	05	6667	-48.8	100	05	8504	-60.5	135	04	11048	-56.1	155	07
25	5160	-38.9	A22	035	15	6658	-48.7	360	12	8517	-54.5	305	09	11118	-53.3	280	10
26	5173	-39.7	A22	355	12	6667	-50.1	310	12	8517	-54.5	295	15	11114	-53.7	275	10
27	5203	-40.0	A22	310	06	6693	-50.3	245	09	8548	-59.9	250	11	11111	-54.2	265	07
28	5211	-37.9	56	255	06	6712	-48.9	245	09	8548	-59.9	275	08	11099	-53.0	275	11
29	5148	-38.7	73	265	07	6643	-50.6	265	06	8498	-56.0	265	09	8459	-53.7	265	10
30	5099	-39.9	53	340	03	6596	-48.4	335	05	8433	-52.6	300	12	11083	-48.3	290	11
31	5103	-41.7	335	05	6581	-51.5	335	05	8433	-52.6	300	12	11083	-48.3	290	11	

Day	150 MBS				100 MBS				80 MBS				50 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. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12710	-54.7	280	23	15327	-52.4	280	23	16775	-50.8	285	39	19865	-45.6	280	27
02	12754	-53.2	270	22	15393	-47.8	270	22	17008	-46.6	290	37	20154	-44.2	280	35
03	12883	-51.1	280	23	15535	-48.6	270	26	17088	-45.4	280	28	20251	-43.7	280	35
04	12927	-51.7	280	23	15596	-45.2	270	26	17294	-42.5	265	18	20445	-45.0	260	25
05	13071	-46.5	275	16	15784	-43.1	260	20	17350	-43.8	270	26	20499	-44.2	250	24
06	13127	-45.4	250	20	15848	-43.5	240	19	17262	-42.0	240	18	20375	-44.8	245	33
07	13091	-45.2	250	18	15780	-44.9	245	26	17281	-47.9	250	26	20450	-42.0	250	23
08	13082	-45														

SUMMARY OF CONSTANT PRESSURE DATA

MARCH 1959

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

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

SACHS HARBOUR, N.W.T.

12 GMT.

Day	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	993	-35.8	57	315 02	0033	-35.7	35	000 00	1213	-21.1	64	295 11	2634	-26.9	35	290 12
02	1004	-36.2	33	000 00	0109	-35.7	35	000 00	1278	-24.4	56	320 06	2680	-30.0	35	310 08
03	1011	-32.7	54	045 05	0159	-28.9	60	030 04	1349	-21.8	66	395 02	2770	-26.5	49	325 02
04	1018	-29.8	55	180 02	0211	-25.1	58	170 04	1410	-20.7	57	175 06	2838	-23.1	A18	190 08
05	998	-22.1	78	135 04	0068				1277	-13.0	86	170 16	2739	-20.6	84	170 11
06	999	-33.7	54	270 04	0080				1257	-18.8	79	300 09	2706	-20.6	67	280 06
07	1001	-32.6	64	090 04	0093	-32.0	66	085 07	1292	-16.0	67	145 03	2752	-18.7	55	230 02
08	1003	-26.0	70	180 03	0107	-26.2	70	180 03	1292	-17.9	85	180 06	2753	-18.8	82	265 10
09	1012	-34.9	38	360 03	0167	-30.9	47	340 03	1348	-23.1	48	285 06	2775	-24.4	63	255 14
10	1014	-33.4	64	360 04	0180	-31.1	63	340 04	1352	-25.8	71	305 05	2751	-30.4	73	300 03
11	1014	-39.5	225	03	0181	-34.8	48	240 03	1350	-25.9	75	280 07	2748	-29.8	45	280 08
12	1010	-34.9	51	270 01	0154	-33.1	56	275 02	1323	-26.2	78	255 05	2721	-29.4	47	245 07
13	1009	-37.8	60	180 02	0145	-37.3	210	03	1295	-29.9	69	250 09	2667	-34.7	70	235 08
14	1001	-32.8	64	270 05	0094	-32.8	64	270 05	1239	-31.2	72	305 08	2624	-30.0	77	320 15
15	1010	-37.3	180	02	0150	-34.1	210	03	1321	-26.8	70	295 11	2710	-32.4	62	290 12
16	1009	-35.1	60	180 05	0144	-30.9	60	220 05	1327	-25.7	79	290 08	2716	-32.8	78	280 08
17	1007	-31.4	65	100 03	0134	-28.2	59	666 66	1315	-25.6	76	285 09	2707	-31.4	76	360 04
18	1008	-32.2	65	165 02	0121	-29.1	65	185 08	1331	-24.9	60	265 07	2727	-31.8	73	235 05
19	1011	-32.2	47	160 06	0162	-30.3	49	215 06	1306	-23.6	70	280 06	2739	-29.8	90	255 15
20	1013	-34.7	60	180 07	0174	-29.1	57	200 08	1353	-24.7	80	270 11	2757	-28.6	77	270 07
21	1008	-26.9	59	160 05	0140	-22.9	62	150 05	1339	-22.7	41	135 07	2755	-26.9	34	160 07
22	999	-22.8	60	165 11	0074				1303	-14.7	A16	105 06	2749	-23.1	55	110 08
23	1005	-23.9	54	090 07	0119	-22.0	52	090 07	1327	-20.8	32	080 09	2750	-25.5	A19	080 11
24	1004	-22.8	62	045 02	0156	-23.4	64	050 11	1361	-21.0	76	050 13	2788	-25.1	80	055 12
25	1015	-29.7	62	135 04	0192	-26.8	62	110 03	1374	-23.3	69	035 07	2788	-26.6	72	030 11
26	1015	-29.2	58	000 00	0190	-25.2	59	000 00	1389	-19.8	68	005 08	2818	-26.1	52	010 07
27	1013	-27.8	59	045 01	0179	-22.3	60	075 01	1396	-17.0	52	215 02	2836	-24.0	A18	230 04
28	1007	-21.5	67	135 05	0133	-18.4	61	135 05	1359	-17.2	47	125 08	2797	-24.0	33	150 07
29	1003	-25.3	74	180 03	0107	-25.2	74	175 03	1305	-18.8	81	120 06	2741	-23.7	82	215 04
30	1005	-29.9	69	045 04	0118	-27.1	71	030 04	1320	-20.1	80	050 08	2740	-27.2	81	045 06
31	1007	-33.1	64	045 05	0132	-28.0	64	020 03	1333	-20.8	77	340 05	2752	-27.0	32	335 06
MN	1007	-31.2	60		136	-28.6	59		1325	-22.0	66	286 02	2743	-26.8	57	280 03

Day	500 MBS				400 MBS				300 MBS				200 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	4996	-40.5			285	17	6493	-47.7	280	22	8347	-58.4	270	22	10895	-55.7
02	5018	-41.6			290	19	6500	-50.8	285	25	8340	-56.3	295	21	10935	-53.9
03	5146	-40.2			320	05	6640	-48.6	295	08	8494	-57.9	280	15	11060	-54.1
04	5232	-38.2	A22		210	08	6726	-50.0	260	11	8554	-61.2	250	12	11122	-52.0
05	5166	-32.5	76	210 13	6703	-43.8	250	11	8570	-58.3	235	22	11165	-48.9	280	12
06	5140	-35.0	71	235 10	6654	-47.0	215	09	8529	-52.9	250	15	11186	-46.1	250	16
07	5194	-33.6	69	230 08	6717	-47.0	240	10	8573	-58.8	220	09	11186	-47.4	245	14
08	5166	-36.8	66	265 08	6671	-48.7	240	08	8510	-56.5	235	10	11140	-47.5	250	14
09	5167	-37.3	61	255 20	6665	-50.3	255	18	8504	-56.2	255	18	11133	-48.4	240	07
10	5096	-41.6			245	09	6579	-49.7	240	10	8447	-52.2	270	13	11115	-46.1
11	5081	-43.5			295	14	6559	-50.0	280	19	8429	-51.0	230	14	11119	-43.1
12	5054	-42.9			245	13	6541	-48.5	255	20	8397	-54.6	250	19	11085	-42.2
13	4959	-44.8			235	13	6437	-48.6	245	13	8328	-47.1	250	19	11047	-41.9
14	4976	-40.1			330	23	6467	-49.8	325	24	8315	-55.6	300	06	10965	-45.8
15	5090	-44.8			285	14	6492	-53.7	285	14	8325	-54.9	295	12	10970	-46.7
16	5016	-46.4			265	12	6474	-52.5	260	10	8314	-54.8	270	09	10945	-49.6
17	5030	-44.7			040	04	6490	-54.5	350	04	8301	-58.7	285	06	10915	-49.5
18	5035	-44.6			255	07	6484	-50.8	240	07	8287	-58.2	260	09	10879	-51.1
19	5074	-45.0			305	06	6535	-53.9	340	04	8354	-58.8	310	05	10937	-52.9
20	5112	-40.8			045	05	6596	-51.1	070	07	8415	-62.0	090	15	10956	-56.6
21	5110	-41.1			165	06	6600	-49.4	195	10	8451	-56.9	215	13	11022	-56.1
22	5131	-37.0	70	100 05	6640	-47.6	210	05	8490	-60.0	205	08	11016	-56.4	205	10
23	5137	-37.7	47	080 06	6648	-47.4	080	06	8498	-60.4	100	06	11023	-56.5	180	07
24	5184	-38.1	79	050 07	6678	-50.8	050	10	8516	-58.1	065	05	11079	-55.8	200	03
25	5194	-40.1			020	08	6643	-49.9	360	10	8496	-55.8	335	07	11100	-54.8
26	5175	-40.7			005	10	6666	-49.5	330	11	8512	-55.6	305	12	11100	-54.8
27	5225	-38.4	A22		240	03	6725	-48.0	285	11	8575	-58.8	280	12	11136	-55.3
28	5177	-38.8	69	185 06	6673	-50.1	220	04	8517	-57.1	250	10	11108	-53.0	270	07
29	5123	-40.0			215	05	6613	-50.2	210	06	8465	-54.0	255	11	11084	-51.5
30	5099	-41.6			010	03	6581	-50.9	310	04	8437	-52.2	300	08	11083	-49.4
31	5104	-66.6			325	05	6580	-51.6	325	11	8444	-51.0	320	12	11099	-48.8
MN	5107	-40.4	59	272 05	6596	-50.0	268	07	8443	-56.3	260	09	11031	-50.7	259	12

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	12738	-53.3			15368	-50.3			16828	-49.0			19965	-44.0		
02	12792	-52.3			15439	-49.2			16907	-47.0			20051	-45.6		
03	12919	-51.9			15558	-50.2			17024	-47.5			20176	-44.2	280	18
04	13002	-48.0			15692	-46.2			17183	-44.4			20333	-44.8	285	21
05	13071	-45.8			15781	-44.8			17281	-44.6			20408		285	18
06	13106	-44.4			15815	-46.1			17303	-45.0			20443	-44.6	245	20
07	13090	-46.9			15783	-46.7			17263	-46.4			20399	-46.3	240	24
08	13046	-47.6			15746	-43.5			17241	-45.1			20395	-45.8	250	23
09	13043	-45.1			15764	-43.2			17270	-42.8			20439	-44.5	255	14
10	13044	-43.7			15775	-42.8			17282	-42.2			20444	-43.2	230	13
11	13062	-42.3			15785	-45.0			17283	-43.0			20456	-43.3	250	12
12	13031	-41.8			15787	-41.0			17307	-40.1			20504	-42.1	270	09
13	13004	-40.2														

SUMMARY OF CONSTANT PRESSURE DATA

APRIL 1959

SACHS HARBOUR, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

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

Day	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
01	1006	-29.4	69	360 05	0130	-27.1	69	345 05	1234	-19.2	77	345 05	2761	-25.8	48	005 07
02	1005	-25.3	70	135 07	0117	-23.9	71	150 07	1333	-18.0	56	190 02	2775	-21.8	38	320 02
03	991	-16.2	59	120 10	0016	.	.	.	1254	-10.7	116	170 09	2729	-18.3	17	150 04
04	988	-16.9	65	090 06	-008	.	.	.	1216	-11.0	76	100 07	2691	-18.2	70	260 05
05	1002	-18.1	62	180 02	0098	-18.8	63	000 00	1306	-18.2	38	000 00	2756	-20.3	117	320 04
06	1009	-22.7	67	045 03	0148	-22.6	62	070 03	1357	-17.4	417	120 04	2806	-20.1	38	020 01
07	1012	-21.1	67	170 04	0169	-22.0	70	170 04	1383	-16.1	74	245 06	2831	-21.1	60	250 08
08	1022	-19.6	61	180 05	0244	-20.4	67	220 03	1462	-16.0	76	255 05	2920	-20.1	117	275 08
09	1008	-10.8	67	135 11	0146	-10.0	63	140 12	1423	-06.5	44	175 09	2910	-17.4	76	205 14
10	998	-07.1	77	135 09	0065	.	.	.	1368	00.5	52	240 06	2907	-07.5	56	265 12
11	1001	-12.0	84	270 10	0094	-12.1	84	270 10	1353	-03.1	77	275 20	2864	-12.7	116	275 21
12	1010	-13.9	72	040 03	0161	-12.7	70	000 00	1412	-11.6	76	290 08	2889	-17.4	38	275 15
13	1006	-11.4	84	190 04	0132	-12.0	85	210 04	1378	-09.1	86	265 16	2858	-18.3	66	270 15
14	1009	-26.3	66	360 04	0137	-25.5	67	325 04	1339	-21.7	50	280 13	2771	-22.5	49	265 21
15	1011	-24.3	70	360 05	0160	-25.0	70	350 05	1350	-21.6	76	235 05	2779	-23.8	83	215 13
16	1013	-23.2	74	180 06	0163	-24.3	74	195 06	1367	-23.7	70	230 08	2773	-29.0	49	225 11
17	1011	-15.7	69	135 10	0163	-16.0	67	140 11	1396	-14.7	70	155 10	2847	-22.2	78	170 09
18	1015	-16.3	72	080 10	0198	-12.2	67	085 09	1445	-13.1	53	080 08	2903	-20.1	52	120 02
19	1008	-16.9	79	045 13	0146	-17.4	79	050 13	1375	-12.7	84	070 19	2843	-17.9	78	080 18
20	1011	-13.7	69	045 04	0165	-14.5	67	040 04	1390	-14.2	78	090 09	2865	-18.1	56	090 12
21	1019	-14.2	76	360 06	0227	-15.1	74	035 07	1469	-11.6	60	045 11	2938	-18.1	46	080 12
22	1024	-19.7	79	360 11	0260	-11.2	72	355 07	1504	-12.0	25	010 06	2970	-19.2	117	355 06
23	1025	-20.6	75	360 06	0267	-16.1	73	345 05	1509	-11.1	27	335 06	2982	-17.3	32	350 08
24	1019	-17.8	62	135 01	0224	-17.3	61	135 02	1462	-13.1	30	050 02	2927	-19.1	34	345 05
25	1006	-14.7	76	045 08	0128	-15.1	73	045 05	1363	-13.7	30	030 09	2826	-20.2	117	320 07
26	1001	-19.4	64	070 05	0091	-19.5	64	070 05	1303	-16.8	57	065 06	2748	-23.0	49	040 07
27	1000	-18.8	68	360 06	0086	-18.8	68	360 06	1309	-14.3	53	323 03	2766	-20.0	55	310 03
28	999	-17.0	75	180 06	0074	.	.	.	1290	-16.6	40	225 04	2755	-23.5	29	230 05
29	999	-16.4	79	315 05	0074	.	.	.	1275	-20.3	78	320 06	2702	-26.0	75	335 04
30	1003	-20.4	71	360 03	0108	-20.4	71	000 00	1311	-18.7	71	030 03	2747	-23.9	53	040 04
MN	1008	-18.0	71	.	140	-18.0	70	.	1368	-14.2	57	290 01	2827	-20.1	47	269 03

Day	500 MBS				400 MBS				300 MBS				200 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	5146	-37.4	A22	030 19	6654	-47.4	030 22	8528	-54.4	360 13	11144	-49.2	315 10			
02	5189	-36.2	A21	330 10	6702	-46.6	325 14	8568	-57.7	330 27	11224	-55.4	315 08			
03	5177	-31.4	A20	265 08	6725	-42.1	280 09	8616	-55.6	285 13	11167	-52.8	300 12			
04	5138	-32.9	56	315 06	6678	-42.1	280 14	8561	-56.5	280 12	11173	-49.5	295 09			
05	5178	-35.6	63	305 08	6697	-46.1	290 12	8567	-54.7	290 12	11207	-46.5	285 12			
06	5222	-35.4	35	020 04	6740	-46.9	350 06	8602	-54.9	290 08	11257	-45.0	260 05			
07	5249	-37.0	36	200 05	6758	-47.4	190 04	8614	-55.5	220 04	11267	-45.1	233 06			
08	5341	-36.2	A21	295 10	6850	-48.2	295 16	8698	-55.3	280 14	11337	-47.6	275 15			
09	5385	-27.7	80	260 22	6958	-37.2	66	290 36	8992	-50.9	290 48	11464	-57.0	265 16		
10	5451	-23.2	61	255 15	7050	-35.0	54	265 24	8000	-48.6	255 28	11590	-57.8	270 16		
11	5356	-27.9	A19	.	6924	-38.8	A22	8843	-51.0	270 20	11328	-46.7	265 12			
12	5314	-36.5	64	260 09	6824	-46.8	265 12	8713	-49.9	265 14	11393	-45.6	270 16			
13	5278	-37.1	39	275 25	6785	-47.9	265 23	8655	-51.0	270 20	11244	-45.0	265 12			
14	5181	-36.5	46	260 24	6695	-46.1	8581	-51.1	11244	-45.0	265 12	11244	-45.0	265 12		
15	5175	-38.1	72	210 22	6667	-51.4	210 24	8529	-50.7	225 20	11225	-42.3	230 10			
16	5125	-39.9	64	220 17	6624	-47.9	215 18	8512	-46.9	205 09	11234	-44.1	155 05			
17	5237	-38.0	66	210 16	6744	-47.1	235 21	8613	-51.9	220 19	11291	-44.9	210 07			
18	5322	-35.1	43	150 06	6842	-46.4	190 09	8708	-54.2	185 08	11346	-47.0	200 06			
19	5284	-33.9	67	100 14	6804	-46.8	095 15	8669	-52.3	115 14	11338	-44.9	105 05			
20	5291	-35.7	64	080 14	6812	-45.3	095 18	8691	-52.1	080 14	11373	-44.9	025 02			
21	5369	-34.4	72	065 14	6887	-47.2	075 16	8749	-52.1	065 14	11406	-46.1	000 00			
22	5407	-34.9	A21	345 07	6927	-46.2	340 06	8793	-54.3	005 07	11441	-46.8	015 07			
23	5431	-32.9	39	350 13	6961	-45.1	340 13	8837	-54.8	005 13	11490	-46.9	350 10			
24	5361	-33.5	A21	340 10	6893	-44.0	330 10	8771	-53.7	335 13	11438	-46.1	350 12			
25	5253	-34.4	A21	310 12	6776	-45.6	010 10	8653	-52.0	355 10	11341	-45.5	355 06			
26	5148	-36.9	A22	020 10	6660	-46.7	005 09	8551	-47.9	020 08	11265	-42.8	005 07			
27	5207	-32.4	44	190 05	6735	-46.3	205 08	8593	-55.8	200 06	11268	-44.1	335 04			
28	5116	-38.0	67	195 09	6620	-48.0	195 11	8503	-48.4	235 06	11215	-43.9	300 04			
29	5065	-40.6	64	225 07	6558	-48.3	345 08	8453	-46.2	340 08	11188	-41.9	330 07			
30	5136	-37.4	46	040 07	6644	-47.7	025 08	8525	-48.9	010 11	11244	-42.2	335 08			
MN	5251	-34.9	45	286 04	6773	-45.6	47	292 06	8653	-52.4	290 07	11309	-46.9	296 05		

Day	150 MBS				100 MBS				80 MBS				50 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. (on Sta.)	Temp. °C	R.H. %	Wind deg. mps.
01	13032	-48.7	280	09	15711	-46.1	260	11	17201	-44.0	265	09	20383	-41.3	245	08
02	12976	-51.3	295	09	15645	-45.5	280	10	17144	-42.2	235	07	20362	-39.1	235	05
03	13037	-50.2	305	15	15701	-47.0	305	16	17188	-44.4	320	12	20375	-40.1	260	05
04	13071	-46.8	300	11	15782	-43.6	310	12	17290	-41.8	310	13	20472	-41.9	320	09
05	13126	-45.1	290	13	15839	-43.5	300	09	17337	-44.3	310	06	20482	-44.9	320	06
06	13185	-44.2	270	07	15909	-44.4	240	06	17408	-43.8	250	04	20557	-45.3	215	02
07	13190	-44.1	230	07	15916	-43.8	200	05	17415	-44.1	250	04	20564	-45.1	230	01
08	13250	-46.0	280	08	15962	-44.3	215	05	.	.	.	.	.	.	.	.
09	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	13426	-54.9	.	.	16042	-49.1	.	.	17519	-46.0	.	.	.	.	.	.
11	13357	-47.8	.	.	16048	-48.4	.	.	17534	-44.3	.	.	.	.	.	.
12	13212	-46.9	265	13	16008	-44.4	240	11	17503	-44.5	315	06	20638	-45.2	275	02
13	13251	-43.9	255	10	15967	-42.3	270	14	17467	-45.1	270	08	20600	-44.2	275	12
14	13168	-43.8	.	.	15904	-42.1	.	.	17413	-43.8	.	.	20561	-45.0	.	.
15	13167	-43.0	235	07	15900	-42.5	205	04	17405	-44.4	000	00	20546	-45.7	000	00
16	13175	-42.0	190	08	15910	-41.9	160	05	17429	-42.1	000					

SUMMARY OF CONSTANT PRESSURE DATA

MAY 1959

SACHS HARBOUR, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

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

Table with columns for Day, SURFACE, 1000 MBS, 850 MBS, 700 MBS. Includes altitude, temp, RH, and wind data.

Table with columns for Day, 500 MBS, 400 MBS, 300 MBS, 200 MBS. Includes altitude, temp, RH, and wind data.

Table with columns for Day, 150 MBS, 100 MBS, 80 MBS, 50 MBS. Includes altitude, temp, RH, and wind data.

Table with columns for Day, 30 MBS, 25 MBS, 20 MBS, 10 MBS. Includes altitude, temp, RH, and wind data.

A - Statistical Value for Relative Humidity
& - Stratum of Missing Data
* - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

JUNE 1959

SACHS HARBOUR, N.W.T.

00 GMT.

STATION INSTRUMENTATION.

USWB type radiosonde, Metox RDF tracking equipment

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

Table with columns for SURFACE, 1000 MBS, 850 MBS, 700 MBS. Includes altitude, temperature, R.H., and wind data for various pressure levels.

Table with columns for 500 MBS, 400 MBS, 300 MBS, 200 MBS. Includes altitude, temperature, R.H., and wind data for various pressure levels.

Table with columns for 150 MBS, 100 MBS, 80 MBS, 50 MBS. Includes altitude, temperature, R.H., and wind data for various pressure levels.

Table with columns for 30 MBS, 25 MBS, 20 MBS, 10 MBS. Includes altitude, temperature, R.H., and wind data for various pressure levels.

A - Statistical Value for Relative Humidity
& - Stratum of Missing Data
* - Vector Mean Wind

SPECIAL AEROLOGICAL DATA
ALERT, N.W.T.

JANUARY 1959

00 GMT.

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Rows include synoptic data and various atmospheric measurements for January 1959.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Rows include synoptic data and various atmospheric measurements for January 1959.

FEBRUARY 1959

00 GMT.

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Rows include synoptic data and various atmospheric measurements for February 1959.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Rows include synoptic data and various atmospheric measurements for February 1959.

SPECIAL AEROLOGICAL DATA

ALERT, N.W.T.

00 GMT.

MARCH 1959

Table with columns for SURFACE SYNOPSIS DATA, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include data for days 01 to 31 and a MEAN row.

12 GMT.

Table with columns for SURFACE SYNOPSIS DATA, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include data for days 01 to 31 and a MEAN row.

00 GMT.

APRIL 1959

Table with columns for SURFACE SYNOPSIS DATA, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include data for days 01 to 30 and a MEAN row.

12 GMT.

Table with columns for SURFACE SYNOPSIS DATA, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include data for days 01 to 30 and a MEAN row.

SPECIAL AEROLOGICAL DATA

ALERT, N.W.T.

MAY 1959

00 GMT.

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Rows include station numbers and meteorological data for May 1959.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Rows include station numbers and meteorological data for May 1959.

00 GMT.

JUNE 1959

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Rows include station numbers and meteorological data for June 1959.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX. WIND LEVEL. Rows include station numbers and meteorological data for June 1959.

SPECIAL AEROLOGICAL DATA

CLYDE, N.W.T.

00 GMT.

MARCH 1959

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX WIND LEVEL. Rows include synoptic data and various atmospheric parameters for March 1959.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX WIND LEVEL. Rows include synoptic data and various atmospheric parameters for March 1959.

00 GMT.

APRIL 1959

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX WIND LEVEL. Rows include synoptic data and various atmospheric parameters for April 1959.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX WIND LEVEL. Rows include synoptic data and various atmospheric parameters for April 1959.

SPECIAL AEROLOGICAL DATA

EUREKA, N.W.T.

JANUARY 1959

00 GMT.

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include synoptic data and various atmospheric parameters for January 1959 at 00 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include synoptic data and various atmospheric parameters for January 1959 at 12 GMT.

FEBRUARY 1959

00 GMT.

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include synoptic data and various atmospheric parameters for February 1959 at 00 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include synoptic data and various atmospheric parameters for February 1959 at 12 GMT.

SPECIAL AEROLOGICAL DATA

EUREKA, N.W.T.

00 GMT.

MARCH 1959

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1) and (2), and MAX. WIND LEVEL. Rows include synoptic data and wind velocity for various times.

MEAN

07.76 329 -57.3 297 21.67 049 -45.2 578

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1) and (2), and MAX. WIND LEVEL. Rows include synoptic data and wind velocity for various times.

MEAN

07.73 331 -57.1 297 22.07 039 -43.7 582

APRIL 1959

00 GMT.

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1) and (2), and MAX. WIND LEVEL. Rows include synoptic data and wind velocity for various times.

MEAN

07.32 365 -51.4 296 14.59 122 -47.8 412

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1) and (2), and MAX. WIND LEVEL. Rows include synoptic data and wind velocity for various times.

MEAN

07.40 360 -51.8 299 08.21 313 -44.6 320

SPECIAL AEROLOGICAL DATA

EUREKA, N.W.T.

MAY 1959

00 GMT.

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX WIND LEVEL. Rows include synoptic data for days 01-31 and a mean row at the bottom.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX WIND LEVEL. Rows include synoptic data for days 01-31 and a mean row at the bottom.

JUNE 1959

00 GMT.

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX WIND LEVEL. Rows include synoptic data for days 01-30 and a mean row at the bottom.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX WIND LEVEL. Rows include synoptic data for days 01-30 and a mean row at the bottom.

SPECIAL AEROLOGICAL DATA

ISACHSEN, N.W.T.

MARCH 1959

00 GMT.

12 GMT.

Table with columns for Day, SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Includes data for days 01 to 31 and a MEAN row.

Table with columns for Day, SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Includes data for days 01 to 31 and a MEAN row.

00 GMT.

12 GMT.

Table with columns for Day, SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Includes data for days 01 to 30 and a MEAN row.

Table with columns for Day, SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Includes data for days 01 to 30 and a MEAN row.

SPECIAL AEROLOGICAL DATA

ISACHSEN, N.W.T.

MAY 1959

00 GMT.

12 GMT.

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

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

JUNE 1959

00 GMT.

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX WIND LEVEL. Rows for days 01-30 and a MEAN row.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX WIND LEVEL. Rows for days 01-30 and a MEAN row.

SPECIAL AEROLOGICAL DATA

MOULD BAY, N.W.T.

00 GMT.

JANUARY 1959

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include synoptic data and hourly observations for January 1959.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include synoptic data and hourly observations for January 1959.

FEBRUARY 1959

00 GMT.

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include synoptic data and hourly observations for February 1959.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include synoptic data and hourly observations for February 1959.

00 GMT.

MAY 1959

12 GMT.

Table with 4 main columns: SURFACE SYNOPSIS DATA, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. It contains 31 rows of meteorological data for May 1959 at 00 GMT.

Table with 4 main columns: SURFACE SYNOPSIS DATA, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. It contains 31 rows of meteorological data for May 1959 at 12 GMT.

JUNE 1959

00 GMT.

12 GMT.

Table with 4 main columns: SURFACE SYNOPSIS DATA, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. It contains 31 rows of meteorological data for June 1959 at 00 GMT.

Table with 4 main columns: SURFACE SYNOPSIS DATA, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. It contains 31 rows of meteorological data for June 1959 at 12 GMT.

SPECIAL AEROLOGICAL DATA

RESOLUTE, N.W.T.

00 GMT.

JANUARY 1959

12 GMT.

Table with columns for SURFACE (SYNOPTIC DATA), FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Contains 31 rows of data for January 1959.

Table with columns for SURFACE (SYNOPTIC DATA), FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Contains 31 rows of data for January 1959.

00 GMT.

FEBRUARY 1959

12 GMT.

Table with columns for SURFACE (SYNOPTIC DATA), FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Contains 28 rows of data for February 1959.

Table with columns for SURFACE (SYNOPTIC DATA), FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Contains 28 rows of data for February 1959.

SPECIAL AEROLOGICAL DATA

RESOLUTE, N.W.T.

MARCH 1959

00 GMT.

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

12 GMT.

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

00 GMT.

Table with columns for Day, SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include data for days 01 to 30.

APRIL 1959

12 GMT.

Table with columns for Day, SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include data for days 01 to 30.

SPECIAL AEROLOGICAL DATA

SACHS HARBOUR, N.W.T.

00 GMT.

JANUARY 1959

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Rows include data for various times from 01 to 31, with a MEAN row at the bottom.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Rows include data for various times from 01 to 31, with a MEAN row at the bottom.

00 GMT.

FEBRUARY 1959

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Rows include data for various times from 01 to 28, with a MEAN row at the bottom.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Rows include data for various times from 01 to 28, with a MEAN row at the bottom.

SPECIAL AEROLOGICAL DATA

SACHS HARBOUR, N.W.T.

MAY 1959

00 GMT.

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include synoptic data and various atmospheric measurements for May 1959.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include synoptic data and various atmospheric measurements for May 1959.

JUNE 1959

00 GMT.

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include synoptic data and various atmospheric measurements for June 1959.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), and MAX. WIND LEVEL. Rows include synoptic data and various atmospheric measurements for June 1959.