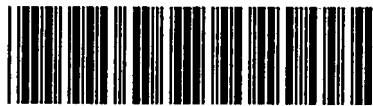


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Report N.:



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METEOROLOGICAL BRANCH - DEPARTMENT OF TRANSPORT - CANADA

ARCTIC SUMMARY

JULY TO DECEMBER 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

JULY TO DECEMBER 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-

mometers are housed in a Stevenson Screen - a double louvred box, painted white, with the base 3½ feet above ground. Ventilation of the wet and dry bulb thermometers is accomplished by a motor driven psychrometer mounted on the roof. Air is drawn from the interior of the screen over the wet and dry bulbs placed in a duct close to the intake at a speed of 20 feet per second and ejected from the middle of the top of the screen.

Pressure - All stations are equipped with Kew-Patterson barometers. Correction cards supplied with each barometer 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 rain gauge during 1959 except that the 8 inch U.S.W.B. type rain gauges 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.

ROGER DUHAMEL, F.R.S.C.
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1961

Price 75 cents Cat. No. T57-3/1959-2
Available from the Queen's Printer
Ottawa, Canada

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DAILY CLIMATOLOGICAL DATA

ALERT

CLYDE

Table with columns: Date, Temperature (Maximum, Minimum, Average), Precipitation (Total, Snow), Days with (Fog, Rain, Snow, Wind), and other weather indicators.

Table with columns: Date, Temperature (Maximum, Minimum, Average), Precipitation (Total, Snow), Days with (Fog, Rain, Snow, Wind), and other weather indicators.

Table with columns: Date, Temperature (Maximum, Minimum, Average), Precipitation (Total, Snow), Days with (Fog, Rain, Snow, Wind), and other weather indicators.

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Table with columns: Date, Temperature (Maximum, Minimum, Average), Precipitation (Total, Snow), Days with (Fog, Rain, Snow, Wind), and other weather indicators.

ALERT NMT JULY 1959

Table of daily climatological data for ALERT NMT in July 1959, including temperature, precipitation, and wind data.

ALERT NMT SEPTEMBER 1959

Table of daily climatological data for ALERT NMT in September 1959, including temperature, precipitation, and wind data.

ALERT NMT NOVEMBER 1959

Table of daily climatological data for ALERT NMT in November 1959, including temperature, precipitation, and wind data.

CLYDE NMT JULY 1959

Table of daily climatological data for CLYDE NMT in July 1959, including temperature, precipitation, and wind data.

CLYDE NMT SEPTEMBER 1959

Table of daily climatological data for CLYDE NMT in September 1959, including temperature, precipitation, and wind data.

CLYDE NMT NOVEMBER 1959

Table of daily climatological data for CLYDE NMT in November 1959, including temperature, precipitation, and wind data.

ALERT NMT AUGUST 1959

Table of daily climatological data for ALERT NMT in August 1959, including temperature, precipitation, and wind data.

ALERT NMT OCTOBER 1959

Table of daily climatological data for ALERT NMT in October 1959, including temperature, precipitation, and wind data.

ALERT NMT DECEMBER 1959

Table of daily climatological data for ALERT NMT in December 1959, including temperature, precipitation, and wind data.

CLYDE NMT AUGUST 1959

Table of daily climatological data for CLYDE NMT in August 1959, including temperature, precipitation, and wind data.

CLYDE NMT OCTOBER 1959

Table of daily climatological data for CLYDE NMT in October 1959, including temperature, precipitation, and wind data.

CLYDE NMT DECEMBER 1959

Table of daily climatological data for CLYDE NMT in December 1959, including temperature, precipitation, and wind data.

DAILY CLIMATOLOGICAL DATA

EUREKA

ISACHSEN

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

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

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

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

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

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

EUREKA NMT JULY 1959

01	44	36	40	.15	T
02	50	28	39		T
03	59	30	45		T
04	59	39	49		T
05	56	34	45		T
06	59	31	45		T
07	57	46	52		T
08	51	33	42		T
09	48	34	41		T
10	51	33	42		T
11	51	35	43		T
12	49	35	40		T
13	40	35	38		T
14	44	35	39		T
15	57	39	48		T
16	62	37	50		T
17	50	39	45		T
18	43	34	39		T
19	41	34	38		T
20	39	35	36		T
21	42	34	38		T
22	41	36	39		T
23	50	35	43		T
24	52	40	46		T
25	56	41	49		T
26	50	40	45		T
27	50	40	45		T
28	62	37	50		T
29	59	49	54		T
30	44	38	41		T
31	44	35	40		T
SUM	*	*	*.15	0.0	
AVG	50	36	43		
EXT	62	28		.15	

EUREKA NMT SEPTEMBER 1959

01	32	27	30		T
02	33	24	29		T
03	30	27	29	.14	1.4
04	32	28	30		T
05	28	20	24	.06	.6
06	28	24	26	.10	1.0
07	26	16	21		2
08	30	23	27		3
09	29	20	25		3
10	21	12	17		3
11	26	16	21		3
12	31	14	23		3
13	29	14	22		3
14	30	26	28		3
15	27	21	24		3
16	26	09	18	.14	1.4
17	27	17	22	.03	.3
18	23	17	20		4
19	19	13	16		4
20	15	01	08		4
21	16	-03	07	.04	.4
22	17	05	11		4
23	17	04	11		4
24	16	-05	07		4
25	21	-01	10		4
26	20	10	15		4
27	12	-01	06	.02	.2
28	15	05	10	.02	.2
29	14	-05	05		4
30	08	-05	02		4
SUM	*	*	*.35	5.5	2.2
AVG	23	13	18		
EXT	33	-05		.14	1.4

EUREKA NMT NOVEMBER 1959

01	-18	-36	-27		T
02	-23	-38	-31		T
03	-13	-36	-25		T
04	-14	-25	-20		T
05	-09	-24	-17	.06	.6
06	-07	-20	-14		T
07	-12	-24	-18		T
08	-14	-27	-21		T
09	-37	-45	-41		T
10	-38	-47	-43		T
11	-38	-48	-43		T
12	-37	-47	-42		T
13	-16	-44	-30		T
14	-18	-34	-26		T
15	-25	-40	-33		T
16	-18	-39	-29		T
17	-16	-29	-23		T
18	-08	-38	-23		T
19	10	-20	-05		T
20	25	-20	03		T
21	19	03	08		T
22	-04	-14	-09		T
23	-02	-20	-11		T
24	00	-17	-09		T
25	03	-19	-08		T
26	03	-11	-06		T
27	-02	-19	-11		T
28	-11	-16	-14		T
29	-23	-36	-30		T
30	-20	-45	-33		T
SUM	*	*	*.06	0.6	2
AVG	-12	-29	-21		
EXT	25	-48		.06	0.6

ISACHSEN NMT JULY 1959

01	51	33	42		T
02	43	38	41	.08	T
03	51	38	45		T
04	53	39	46		T
05	50	46	53		T
06	57	48	53		T
07	54	43	49		T
08	53	43	48		T
09	48	41	45		T
10	46	39	43		T
11	48	38	43		T
12	47	39	43		T
13	41	36	39		T
14	49	36	43		T
15	53	42	48		T
16	52	44	48		T
17	45	36	41		T
18	38	35	37		T
19	37	33	35		T
20	38	31	35		T
21	39	33	36		T
22	38	32	35		T
23	47	31	39		T
24	51	38	45		T
25	46	41	49		T
26	50	43	57		T
27	56	44	60		T
28	49	42	46		T
29	41	32	37		T
30	42	32	37		T
31	39	31	35	.03	.3
SUM	*	*	*.11	0.3	3
AVG	48	36	43		
EXT	60	31		.08	0.3

ISACHSEN NMT SEPTEMBER 1959

01	30	23	27		T
02	32	19	26		T
03	28	24	26	.21	2.1
04	30	24	27	.07	.7
05	28	17	23		T
06	28	16	22		T
07	30	12	21		T
08	23	15	19		T
09	20	14	17		T
10	24	16	20	.01	.1
11	26	07	17		T
12	28	16	22	.01	.1
13	30	20	26	.30	3.0
14	32	27	30	.04	.4
15	29	23	27		T
16	29	24	27	.78	7.8
17	23	06	15		T
18	20	07	14		T
19	19	10	15		T
20	18	12	15		T
21	17	09	13	.02	.2
22	12	09	11	.13	1.3
23	14	02	08	.13	1.3
24	22	06	14	.02	.2
25	22	11	17	.03	.3
26	17	02	10		T
27	17	-03	07	.03	.3
28	13	-06	04	.05	.5
29	09	03	06	.01	.1
30	07	-09	-01		T
SUM	*	*	*.19	11.9	11.9
AVG	23	12	17		
EXT	32	-09		.78	7.8

ISACHSEN NMT NOVEMBER 1959

01	-05	-20	-13		T
02	-08	-25	-17		T
03	-09	-24	-17		T
04	01	-18	-09		T
05	00	-10	-05	.02	.2
06	-05	-11	-08	.02	.2
07	-12	-19	-16	.02	.2
08	-12	-18	-15	.02	.2
09	-14	-26	-20		T
10	-12	-30	-21		T
11	-12	-23	-18		T
12	-23	-36	-30		T
13	-15	-40	-28	.02	.2
14	-02	-35	-19	.05	.5
15	-17	-30	-24		T
16	-15	-24	-20	.02	.2
17	-18	-27	-23		T
18	07	-31	-12		T
19	16	-05	-06	.01	.1
20	11	-09	01		T
21	22	-18	12		T
22	25	04	15		T
23	13	-02	06		T
24	08	-06	01		T
25	01	-10	-05	.01	.1
26	00	-08	-04		T
27	-25	-33	-29		T
28	-13	-36	-25		T
29	-14	-28	-21		T
30	-18	-25	-22		T
SUM	*	*	*.19	1.9	3.2
AVG	-05	-21	-13		
EXT	25	-40		.05	0.5

EUREKA NMT AUGUST 1959

01	47	33	40		T
02	47	35	41		T
03	44	37	41		T
04	47	40	44		T
05	48	43	46		T
06	47	37	42		T
07	46	37	42		T
08	48	37	43		T
09	50	39	45		T
10	51	37	44		T
11	50	42	46		T
12	56	41	49		T
13	57	42	50		T
14	46	40	43		T
15	44	37	41		T
16	45	37	41		T
17	48	37	43		T
18	45	39	42		T
19	41	35	38		T
20	44	34	39		T
21	43	36	40		T
22	51	34	43		T
23	45	36	41		T
24	50	36	43		T
25	43	37	40		T
26	47	34	41		T
27	46	34	40		T
28	41	32			

DAILY CLIMATOLOGICAL DATA

SACHS HARBOUR

Date	Temperature (°F)			Precipitation (inches)		Days with		
	Maximum	Minimum	Average	Total	Snow	Snow on ground (inches)	Fog	Wind Blowing Snow
							2-32 mph	2-39 mph
SACHS HARBOUR NWT JULY 1959								
01	48	43	46					
02	49	41	45			T		
03	49	38	44					
04	51	34	43	.02			1	
05	38	34	36	. T			1	
06	46	36	41	.04			1	
07	49	34	42				1	
08	50	38	44					
09	44	37	41	.34			1	
10	46	35	41				1	1
11	42	30	36	.01			1	
12	52	35	44	. T			1	
13	54	47	51	.86			1	
14	48	34	41	.04			1	
15	36	33	35	. T			1	
16	56	31	44					
17	58	41	50					
18	49	39	44	.11			1	
19	46	35	41					
20	38	32	35				1	
21	41	31	36				1	
22	45	36	41					
23	45	36	41					
24	42	38	40	.05			1	
25	34	29	32	.04	.3		1	
26	36	29	33	.01		T	1	
27	35	31	33	.02	.1	T	1	
28	42	30	36	. T	T	T		
29	50	34	42					
30	37	30	34					
31	38	32	35					
SUM	*	*	1.54	0.4		21	1	
AVG	45	35	40					
EXT	58	29		.86	0.3			
SACHS HARBOUR NWT SEPTEMBER 1959								
01	48	37	43					1
02	45	33	39					
03	39	27	33					
04	39	35	37	.10				
05	45	32	39					1
06	40	29	35					
07	32	24	28	.01	.1			
08	32	28	30	.04	.4		T	
09	30	24	27	. T	.7	T		
10	32	27	30	.01	.1	T		
11	29	24	27	.04	.4			
12	33	25	29				1	
13	35	28	32				1	1
14	39	33	36					
15	45	33	39	. T			T	1
16	34	33	34	.01	.1	T	1	
17	32	30	31	.01	.1	T	1	
18	29	26	28					
19	28	21	25					
20	32	24	28					1
21	33	25	29	.07	.7			1
22	29	28	29	.17	1.7		1	
23	25	15	19	. T	.7	2		
24	34	17	21	.05	.5			2
25	20	12	16	.04	.4	3		
26	22	17	20	.13	1.3	3		
27	17	15	16	.03	.3	4		
28	18	14	16	.01	.1	5		
29	25	17	21			5		1
30	25	12	19			5		1
SUM	*	*	.72	6.2		5	2	
AVG	32	25	28					
EXT	48	07		.17	1.7			
SACHS HARBOUR NWT NOVEMBER 1959								
01	08	00	04	.05	.5	11		
02	09	05	07			12	1	1
03	-03	-10	-07			12		1
04	-12	-08	-05	.02	.2	12		
05	-04	-14	-09			12		1
06	-02	-18	-10			12		
07	06	-06	00	.02	.2	12		
08	05	-02	02	.01	.1	12		
09	-05	-26	-16			12		
10	-10	-29	-20			12		
11	-06	-16	-11	. T	.7	12		
12	-04	-14	-09	.02	.2	12	1	1
13	-07	-25	-16			12		1
14	05	-26	-11	.03	.3	12	1	1
15	04	-04	00	. T	.7	13		1
16	-14	-19	-17			13		
17	-16	-26	-21			13		
18	-21	-28	-25			13		
19	-18	-30	-24			13		
20	-01	-25	-13			13	1	1
21	08	-05	02	.03	.3	13		1
22	13	04	09	.02	.2	13		
23	13	11	12	.03	.3	13		
24	11	09	10	.02	.2	13		
25	03	-05	-01			14	1	
26	04	-18	-07	. T	.7	14		1
27	00	-08	-04			14		1
28	-10	-27	-19			14		1
29	-12	-29	-21			14		
30	-11	-24	-18			14		
SUM	*	*	.25	2.5		211	5	3
AVG	-02	-14	-08					
EXT	13	-30		.05	0.5			
SACHS HARBOUR NWT AUGUST 1959								
01	33	30	32	.15	1.5		1	
02	38	31	35	.02	.2	1	1	
03	42	32	37	.02	.2	1		1
04	33	30	32	.07	.7	T	1	
05	45	31	38	.01	.1	T	1	
06	44	35	40	.01				
07	37	34	36	.09	.9			
08	36	32	34	.14			1	
09	42	32	37				1	
10	35	30	33	.01	.1		1	
11	34	31	33	.01	.1	T	1	
12	36	30	33				1	
13	49	32	41				1	
14	51	34	43					
15	47	36	42					
16	43	34	39				1	
17	44	32	38				1	
18	42	29	36				1	
19	42	34	38					
20	48	36	42					
21	47	39	43					
22	43	36	40	.01				
23	48	36	42	. T				
24	50	42	46					
25	52	39	46					
26	46	37	42				1	
27	38	30	34				1	
28	44	35	40					
29	47	38	43					
30	48	40	44					
31	46	39	43					
SUM	*	*	.54	3.6		15		
AVG	43	34	39					
EXT	52	29		.15	1.5			
SACHS HARBOUR NWT OCTOBER 1959								
01	20	14	17					5
02	14	05	10					1
03	26	02	14	.02	.2	5	1	
04	27	04	16	.01	.1	5		1
05	18	15	17	. T	.7	5		
06	11	06	09	.03	.3	5		
07	15	04	10	.04	.4	5		
08	20	07	14	.08	.8	6		
09	19	10	15	.01	.1	6		
10	15	11	13	.02	.2	6		
11	16	11	14	.03	.3	7		
12	12	06	09			7		
13	20	03	12	.05	.5	7	1	1
14	21	14	18	.07	.7	7	1	1
15	09	-02	04	. T	.7	8		1
16	13	00	07	.05	.5	8		
17	13	02	08	.15	1.5	9		
18	10	00	05	.02	.2	10		
19	-05	-15	-10			10	1	
20	-10	-19	-15			10		
21	00	-21	-11			10		
22	03	-07	-02	.01	.1	10		
23	10	-02	04			10	1	1
24	17	01	09	.01	.1	10	1	1
25	13	05	09	. T	.7	10		
26	08	-05	02	.02	.2	10		
27	06	-04	01	. T	.7	11		
28	04	-05	-01	. T	.7	11		
29	04	-11	-04			11		
30	-01	-16	-09			11	1	
31	04	-11	-04	.07	.7	11		
SUM	*	*	.69	6.9		3	7	5
AVG	11	00	06					
EXT	27	-21		.15	1.5			
SACHS HARBOUR NWT DECEMBER 1959								
01	-09	-21	-15					14
02	-22	-31	-27					14
03	-16	-30	-23					14
04	-15	-20	-18	.02	.2	14		
05	-11	-19	-15	.01	.1	14		
06	-05	-18	-12	.02	.2	14		1
07	-04	-14	-09			14		1
08	-09	-18	-14			14		
09	-07	-21	-14	.01	.1	14		
10	-06	-26	-16			14		
11	-17	-36	-27			14		
12	-16	-31	-24			14		
13	-07	-26	-17	.04	.4	14		
14	-08	-15	-12	.01	.1	14		1
15	-18	-28	-23			14		1
16	-22	-36	-29			15		
17	-15	-36	-26			15		
18	-02	-27	-15			15		
19	-02	-15	-09	.01	.1	15		
20	-06	-17	-12	.01	.1	15		
21	01	-20	-10	.03	.3	15		
22	01	-11	-05	. T	.7	15		
23	00	-07	-04			15		
24	-07	-16	-12			15	1	
25	00	-16	-08			15		1
26	01	-04	-02	.09	.9	15		
27	-14	-26	-20			16		
28	-12	-21	-17			16		

SYNOPTIC OBSERVATIONS

ALERT

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

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

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

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

ALERT NMT JULY 1959 0100 EST

Table of synoptic observations for July 1959 0100 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NMT JULY 1959 0700 EST

Table of synoptic observations for July 1959 0700 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NMT JULY 1959 1300 EST

Table of synoptic observations for July 1959 1300 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NMT JULY 1959 1900 EST

Table of synoptic observations for July 1959 1900 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NMT JULY 1959 0400 EST

Table of synoptic observations for July 1959 0400 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NMT JULY 1959 1000 EST

Table of synoptic observations for July 1959 1000 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NMT JULY 1959 1600 EST

Table of synoptic observations for July 1959 1600 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NMT JULY 1959 2200 EST

Table of synoptic observations for July 1959 2200 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

SYNOPTIC OBSERVATIONS

ALERT

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

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

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

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

ALERT NWT AUGUST 1959 0100 EST

Table of synoptic observations for August 1959 at 0100 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT AUGUST 1959 0700 EST

Table of synoptic observations for August 1959 at 0700 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT AUGUST 1959 1300 EST

Table of synoptic observations for August 1959 at 1300 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT AUGUST 1959 1900 EST

Table of synoptic observations for August 1959 at 1900 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT AUGUST 1959 0400 EST

Table of synoptic observations for August 1959 at 0400 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT AUGUST 1959 1000 EST

Table of synoptic observations for August 1959 at 1000 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT AUGUST 1959 1600 EST

Table of synoptic observations for August 1959 at 1600 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

ALERT NWT AUGUST 1959 2200 EST

Table of synoptic observations for August 1959 at 2200 EST, including columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

SYNOPTIC OBSERVATIONS

ALERT

Table with columns: Date, Ceiling (1000's ft.), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

ALERT NMT SEPTEMBER 1959 0100 EST

Table of synoptic observations for Alert NMT on September 1959 at 0100 EST, showing various weather parameters over time.

AVG 1012.1 09 10 10 08 07

ALERT NMT SEPTEMBER 1959 0400 EST

Table of synoptic observations for Alert NMT on September 1959 at 0400 EST, showing various weather parameters over time.

AVG 1012.2 10 11 11 08 07

Table with columns: Date, Ceiling (1000's ft.), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

ALERT NMT SEPTEMBER 1959 0700 EST

Table of synoptic observations for Alert NMT on September 1959 at 0700 EST, showing various weather parameters over time.

AVG 1012.3 08 11 11 09 07

ALERT NMT SEPTEMBER 1959 1000 EST

Table of synoptic observations for Alert NMT on September 1959 at 1000 EST, showing various weather parameters over time.

AVG 1012.2 08 12 12 09 06

Table with columns: Date, Ceiling (1000's ft.), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

ALERT NMT SEPTEMBER 1959 1300 EST

Table of synoptic observations for Alert NMT on September 1959 at 1300 EST, showing various weather parameters over time.

AVG 1012.1 08 13 12 10 07

ALERT NMT SEPTEMBER 1959 1600 EST

Table of synoptic observations for Alert NMT on September 1959 at 1600 EST, showing various weather parameters over time.

AVG 1012.1 08 11 11 08 06

Table with columns: Date, Ceiling (1000's ft.), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

ALERT NMT SEPTEMBER 1959 1900 EST

Table of synoptic observations for Alert NMT on September 1959 at 1900 EST, showing various weather parameters over time.

AVG 1012.2 08 10 10 07 06

ALERT NMT SEPTEMBER 1959 2200 EST

Table of synoptic observations for Alert NMT on September 1959 at 2200 EST, showing various weather parameters over time.

AVG 1012.1 07 09 09 06 06

SYNOPTIC OBSERVATIONS

CLYDE

Table with columns: Date, Ceiling (100's ft.), 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).

Table with columns: Date, Ceiling (100's ft.), 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).

Table with columns: Date, Ceiling (100's ft.), 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).

Table with columns: Date, Ceiling (100's ft.), 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).

CLYDE NMT JULY 1959 0100 EST

CLYDE NMT JULY 1959 0700 EST

CLYDE NMT JULY 1959 1300 EST

CLYDE NMT JULY 1959 1900 EST

Table of synoptic observations for July 1959 0100 EST, including columns for Date, Ceiling, Visibility, Weather, Pressure, Wind, Temperature, and Sky Cover.

Table of synoptic observations for July 1959 0700 EST, including columns for Date, Ceiling, Visibility, Weather, Pressure, Wind, Temperature, and Sky Cover.

Table of synoptic observations for July 1959 1300 EST, including columns for Date, Ceiling, Visibility, Weather, Pressure, Wind, Temperature, and Sky Cover.

Table of synoptic observations for July 1959 1900 EST, including columns for Date, Ceiling, Visibility, Weather, Pressure, Wind, Temperature, and Sky Cover.

CLYDE NMT JULY 1959 0400 EST

CLYDE NMT JULY 1959 1000 EST

CLYDE NMT JULY 1959 1600 EST

CLYDE NMT JULY 1959 2200 EST

Table of synoptic observations for July 1959 0400 EST, including columns for Date, Ceiling, Visibility, Weather, Pressure, Wind, Temperature, and Sky Cover.

Table of synoptic observations for July 1959 1000 EST, including columns for Date, Ceiling, Visibility, Weather, Pressure, Wind, Temperature, and Sky Cover.

Table of synoptic observations for July 1959 1600 EST, including columns for Date, Ceiling, Visibility, Weather, Pressure, Wind, Temperature, and Sky Cover.

Table of synoptic observations for July 1959 2200 EST, including columns for Date, Ceiling, Visibility, Weather, Pressure, Wind, Temperature, and Sky Cover.

SYNOPTIC OBSERVATIONS

CLYDE

Table header for the first synoptic observation, including columns for Date, Calling (1000's Hz), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (knots), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), and Sky Cover (tenths).

CLYDE MMT AUGUST 1959 0100 EST

Table of synoptic observations for CLYDE MMT AUGUST 1959 0100 EST, showing data for 31 observations and an average row.

Table header for the second synoptic observation, including columns for Date, Calling (1000's Hz), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (knots), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), and Sky Cover (tenths).

CLYDE MMT AUGUST 1959 0700 EST

Table of synoptic observations for CLYDE MMT AUGUST 1959 0700 EST, showing data for 31 observations and an average row.

Table header for the third synoptic observation, including columns for Date, Calling (1000's Hz), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (knots), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), and Sky Cover (tenths).

CLYDE MMT AUGUST 1959 1300 EST

Table of synoptic observations for CLYDE MMT AUGUST 1959 1300 EST, showing data for 31 observations and an average row.

Table header for the fourth synoptic observation, including columns for Date, Calling (1000's Hz), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (knots), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), and Sky Cover (tenths).

CLYDE MMT AUGUST 1959 1900 EST

Table of synoptic observations for CLYDE MMT AUGUST 1959 1900 EST, showing data for 31 observations and an average row.

CLYDE MMT AUGUST 1959 0400 EST

Table of synoptic observations for CLYDE MMT AUGUST 1959 0400 EST, showing data for 31 observations and an average row.

CLYDE MMT AUGUST 1959 1000 EST

Table of synoptic observations for CLYDE MMT AUGUST 1959 1000 EST, showing data for 31 observations and an average row.

CLYDE MMT AUGUST 1959 1600 EST

Table of synoptic observations for CLYDE MMT AUGUST 1959 1600 EST, showing data for 31 observations and an average row.

CLYDE MMT AUGUST 1959 2200 EST

Table of synoptic observations for CLYDE MMT AUGUST 1959 2200 EST, showing data for 31 observations and an average row.

SYNOPTIC OBSERVATIONS

CLYDE

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

CLYDE NMT SEPTEMBER 1959 0100 EST

Table of synoptic observations for Clyde NMT on September 1959 at 0100 EST. Includes columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

AVG 1006.5 06 31 30 27 06

CLYDE NMT SEPTEMBER 1959 0400 EST

Table of synoptic observations for Clyde NMT on September 1959 at 0400 EST. Includes columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

AVG 1006.4 06 30 29 27 07

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

CLYDE NMT SEPTEMBER 1959 0700 EST

Table of synoptic observations for Clyde NMT on September 1959 at 0700 EST. Includes columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

AVG 1006.4 09 32 31 29 08

CLYDE NMT SEPTEMBER 1959 1000 EST

Table of synoptic observations for Clyde NMT on September 1959 at 1000 EST. Includes columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

AVG 1006.3 09 34 33 29 08

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

CLYDE NMT SEPTEMBER 1959 1300 EST

Table of synoptic observations for Clyde NMT on September 1959 at 1300 EST. Includes columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

AVG 1006.2 09 35 34 30 08

CLYDE NMT SEPTEMBER 1959 1600 EST

Table of synoptic observations for Clyde NMT on September 1959 at 1600 EST. Includes columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

AVG 1006.3 10 35 33 30 07

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

CLYDE NMT SEPTEMBER 1959 1900 EST

Table of synoptic observations for Clyde NMT on September 1959 at 1900 EST. Includes columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

AVG 1006.5 07 32 31 28 07

CLYDE NMT SEPTEMBER 1959 2200 EST

Table of synoptic observations for Clyde NMT on September 1959 at 2200 EST. Includes columns for Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, and Sky Cover.

AVG 1006.1 06 31 30 27 07

SYNOPTIC OBSERVATIONS

CLYDE

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

01 015 15	S-	998.0	NW	08	30	29	27	10		
02 070 05	S-F	997.2	NW	12	24	24	21	10		
03 012 01	S-F	992.5	SW	14	26	25	22	10		
04 080 08	S-	987.3	ESE	08	32	31	30	10		
05 UNL 10		996.9	NW	14	20	20	17	0		
06 007 00	1/4S BS	1001.2	NW	26	31	31	31	10		
07 UNL 40		1004.0	N	02	15	15	13	0		
08 010 01	S-	1006.4	NW	10	25	25	23	10		
09 UNL 40		1013.0	SE	02	15	15	13	0		
10 030 10	S-	1009.6	NW	16	22	22	20	10		
11 100 20		1011.0	C	00	17	17	14	8		
12 030 10		1014.3	NW	06	17	16	14	10		
13 030 20		1014.7	NW	10	20	20	18	10		
14 UNL 20		1013.7	NW	12	18	18	15	2		
15 035 40		1016.6	NW	14	15	15	12	7		
16 UNL 50		1020.7	WSW	06	10	10	05	0		
17 UNL 50		1018.3	E	08	14	14	11	0		
18 020 15	S-	1005.9	NW	18	17	16	13	10		
19 020 25	S-	1005.6	NW	10	11	11	06	10		
20 030 25		1001.8	NW	16	16	16	12	10		
21 040 25		998.0	NW	08	13	13	09	10		
22 030 25		1005.4	NW	10	11	11	08	10		
23 UNL 50		1003.9	NW	04	06	06	02	0		
24 100 50		1009.7	NW	08	08	07	05	10		
25 010 05	S-BS	1003.0	NW	26	15	15	13	10		
26 UNL 50		1006.7	E	06	06	05	01	0		
27 UNL 50		1020.1	N	04	05	05	01	0		
28 020 25		1013.3	NW	04	06	06	05	01	10	
29 025 20		995.6	S	10	05	05	01	10		
30 020 30	S-	995.8	NW	06	01	01	-02	8		
31 UNL 30		996.8	NE	04	-10	-10	-15	0		
AVG		1005.7		10	15	15	12	07		

CLYDE NMT
OCTOBER 1959 0400 EST

01 015 20		996.7	NW	06	29	28	26	10		
02 080 05	S-F	996.7	NW	14	24	24	21	10		
03 020 10		991.5	NW	10	25	24	20	9		
04 080 20		988.3	SE	08	30	29	27	10		
05 UNL 20		999.4	E	04	15	15	12	4		
06 070 03	S-BS	1000.9	NNE	20	33	32	31	10		
07 UNL 40		1004.6	ENE	06	14	14	12	0		
08 010 01	S-	1007.5	NW	12	25	25	24	10		
09 UNL 40		1013.7	SW	04	16	16	13	0		
10 050 20		1009.1	NW	14	22	21	17	10		
11 UNL 40		1011.7	N	04	08	08	05	0		
12 UNL 50		1014.7	NW	05	11	11	08	0		
13 030 20		1014.7	NW	12	20	20	18	10		
14 UNL 20		1013.6	NW	10	18	18	15	2		
15 030 12	S-	1017.6	NW	16	17	16	12	10		
16 UNL 50		1020.7	NE	04	06	06	02	0		
17 UNL 50		1016.6	E	14	14	14	11	0		
18 020 15	S-	1004.8	NW	16	16	16	13	10		
19 020 25	S-	1005.6	NW	08	11	11	06	10		
20 030 25		1000.8	NW	14	16	16	12	10		
21 040 25	S-	999.0	NW	06	13	13	09	10		
22 030 25		1005.9	NW	14	10	10	06	10		
23 UNL 50		1004.6	C	00	06	06	02	0		
24 100 50		1010.2	NW	08	08	08	04	10		
25 010 05	S-BS	1002.0	NE	20	19	19	17	10		
26 UNL 50		1019.5	N	02	05	05	01	0		
27 UNL 50		1020.1	NW	08	08	08	04	0		
28 020 25		1011.0	NW	10	05	05	01	10		
29 025 20	S-	994.4	N	06	05	05	02	10		
30 020 30	S-	996.2	N	04	-01	-01	-04	7		
31 UNL 30		997.3	C	00	-09	-09	-13	0		
AVG		1005.8		09	14	14	11	06		

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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CLYDE NMT
OCTOBER 1959 0700 EST

01 010 01	S-F	997.7	NW	06	30	30	28	10		
02 070 05		996.6	NW	18	24	24	21	9		
03 UNL 50		991.0	S	10	21	20	16	4		
04 080 20		989.4	S	04	29	28	25	10		
05 UNL 20		1001.7	SE	02	15	15	12	4		
06 UNL 40	1/4S-F	1001.0	NNE	14	33	32	31	10		
07 010 02		1005.0	N	18	30	30	29	10		
08 010 01	S-F	1008.8	NNW	10	25	25	24	2		
09 UNL 40		1013.9	SE	04	16	16	14	2		
10 050 20		1009.4	NW	14	22	22	21	10		
11 UNL 40		1012.7	SW	16	09	09	05	2		
12 UNL 50		1014.7	N	06	11	11	08	2		
13 010 02	S-F	1014.7	NW	14	20	20	18	10		
14 050 20		1013.6	NW	08	17	17	13	6		
15 010 25	S-	1018.3	NW	18	17	16	13	10		
16 UNL 50		1021.1	C	00	06	06	01	0		
17 070 15		1015.1	N	18	18	18	16	10		
18 020 15	S-	1006.5	NW	16	16	16	14	10		
19 030 25	S-	1005.4	NW	12	16	16	14	10		
20 030 25		1000.8	NW	14	16	16	12	10		
21 040 25		1001.1	NW	06	13	13	10	10		
22 015 20		1006.0	NW	12	09	09	06	9		
23 070 50		1005.2	NW	04	07	07	04	10		
24 025 40		1002.2	NNW	08	09	09	06	10		
25 010 08		1001.8	N	22	17	17	15	10		
26 UNL 50		1013.3	WSW	14	18	18	15	2		
27 UNL 50		1018.4	NW	08	05	05	02	0		
28 015 03	S-F	1009.0	NNW	16	03	03	01	10		
29 012 02	S-F	994.4	NW	12	05	05	02	10		
30 UNL 40		995.8	NE	04	-08	-08	-12	2		
31 UNL 30		997.5	C	00	-08	-08	-15	2		
AVG		1006.1		11	15	15	12	07		

CLYDE NMT
OCTOBER 1959 1000 EST

01 010 01	S-F	997.2	NW	06	30	29	27	10		
02 010 01	S-F	996.0	NW	16	24	24	21	10		
03 UNL 50		991.0	C	00	25	24	21	2		
04 080 20		991.1	C	00	28	27	25	10		
05 200 20		1003.0	SSE	02	09	09	05	8		
06 010 01	S-F	1001.5	NE	14	33	33	29	10		
07 010 02	S-F	1005.0	N	16	29	29	27	10		
08 010 01	S-F	1010.4	SW	06	26	26	25	10		
09 UNL 40		1016.4	NW	12	23	22	19	10		
10 050 20		1013.1	SW	12	17	17	14	8		
11 030 40		1014.7	NW	10	15	15	12	9		
12 050 20		1014.7	NW	14	21	21	19	10		
13 010 10	S-	1013.6	SW	06	17	17	14	10		
14 050 20		1018.9	NW	14	15	15	11	8		
15 UNL 50		1020.7	C	00	11	11	09	9		
16 UNL 70		1013.7	NW	16	19	18	14	10		
17 018 15	S-	1005.2	NW	14	18	17	14	10		
18 020 25	S-	1005.3	NW	10	18	17	11	10		
19 030 25	S-	1005.4	NW	10	18	17	11	10		
20 070 25		1000.0	NW	14	15	15	12	10		
21 028 30		1001.4	NW	10	12	12	09	9		
22 UNL 50		1006.0	NW	10	07	07	04	10		
23 140 50		1005.4	NE	06	10	10	08	10		
24 010 01	1/2S-	1009.9	NNW	10	10	09	06	9		
25 UNL 50		1004.1	NNE	16	13	13	11	10		
26 UNL 50		1018.4	NW	08	19	18	15	2		
27 018 25		1017.9	SE	06	03	03	00	1		
28 025 20	S-	1006.6	NNW	12	08	08	06	10		
29 010 03	S-F	994.5	NNW	10	05	05	02	10		
30 090 50	S-F	995.9	NNE	06	-04	-04	-08	8		
31 120 20	S-	997.4	C	00	-07	-07	-11	7		
AVG		1006.3		09	16	15	12	08		

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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CLYDE NMT
OCTOBER 1959 1300 EST

01 010 02	S-	997.5	NW	06	30	30	28	10		
02 010 01	S-F	996.0	NW	14	29	24	21	10		
03 UNL 50		991.3	SE	04	21	20	15	3		
04 080 20		991.1	NW	06	28	28	27	10		
05 050 20		1005.3	NW	18	21	21	18	10		
06 010 01	S-F	1000.3	NE	14	33	33	29	10		
07 010 02	S-F	1004.6	N	14	27	27	26	10		
08 200 50		1011.3	C	00	25	24	21	6		
09 UNL 40		1013.9	NW	14	23	23	21	2		
10 050 20		1010.7	NW	14	22	22	19</			

SYNOPTIC OBSERVATIONS

CLYDE

Date	Clouds (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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CLYDE NMT
NOVEMBER 1959 0100 EST

01 020 10	S-	994.3 S	04	02	02	-03	10			
02 020 10	S-	996.3 C	00	04	04	01	10			
03 080 15	S-	992.7 NW	06	14	14	11	10			
04 080 02	S-BS	985.0 NW	14	20	20	18	10			
05 080 10	S-	988.4 S	16	12	12	10	10			
06 090 20	S-	999.0 C	00	05	05	02	2			
07 090 10	S-	1008.2 SSE	06	06	06	03	10			
08 090 20	S-	1011.6 ENE	02	-07	-07	-11	0			
09 080 20	S-	1023.9 N	02	-06	-06	-09	6			
10 090 15	S-	1024.0 SE	02	-14	-14	-19	0			
11 090 50	IC	1025.0 C	00	-12	-12	-17	0			
12 120 50	IC	1028.6 NW	04	-04	-04	-08	8			
13 100 10	S-	1029.5 C	00	-07	-07	-11	10			
14 080 10	S-	1021.8 NW	10	-05	-05	-09	10			
15 090 50	S-	1028.0 C	00	-02	-02	-06	0			
16 001 01	S-BS	1022.8 NW	26	02	02	-01	10			
17 090 50	S-	1036.3 C	00	-11	-11	-16	0			
18 200 20	S-	1040.1 C	00	-03	-03	-07	10			
19 100 10	S-	1028.8 C	00	04	04	01	10			
20 090 25	S-	1031.3 C	00	11	11	08	0			
21 090 50	S-	1023.0 N	10	10	10	06	0			
22 100 10	S-	1017.7 N	10	11	11	08	10			
23 090 20	S-	1019.5 C	00	00	00	-04	0			
24 080 50	S-	1019.8 C	00	16	16	14	6			
25 080 20	IC	1011.8 E	06	02	02	-01	8			
26 090 50	S-	1008.1 N	08	00	00	-04	0			
27 001 00	1/2BS	992.0 N	28	06	06	03	10			
28 080 20	S-	991.2 N	14	06	06	03	10			
29 090 50	S-	1000.5 C	00	-07	-07	-13	0			
30 100 50	S-	997.0 C	00	08	08	04	10			

AVG 1013.4 06 02 02 -02 06

CLYDE NMT
NOVEMBER 1959 0400 EST

01 020 10	S-	993.1 S	08	04	04	01	10			
02 020 10	S-	997.8 C	00	03	03	02	10			
03 080 15	S-	990.8 NW	08	15	15	12	10			
04 080 02	S-BS	985.0 NW	12	21	21	20	10			
05 080 10	S-	989.6 S	06	11	11	08	10			
06 090 20	S-	1001.5 C	00	05	05	01	0			
07 090 10	S-	1008.7 SSE	04	06	06	03	10			
08 090 50	S-	1013.4 E	02	-10	-10	-15	0			
09 090 50	S-	1024.3 C	00	-08	-08	-12	0			
10 090 50	S-	1024.0 C	00	-14	-14	-19	0			
11 090 50	IC	1028.6 NW	04	-04	-04	-08	8			
12 120 20	S-	1029.2 C	00	-04	-04	-08	10			
13 100 10	S-	1028.5 C	00	-04	-04	-08	10			
14 080 10	S-	1021.8 NW	08	-04	-04	-08	8			
15 090 50	S-	1027.9 E	06	-04	-04	-08	0			
16 001 01	S-BS	1024.1 NW	24	02	02	-01	10			
17 090 50	S-	1038.5 C	00	-15	-15	-18	0			
18 100 20	S-	1039.2 E	04	01	01	-03	10			
19 100 10	S-	1027.8 C	00	05	05	02	10			
20 090 01	IF	1031.6 C	00	13	13	11	0			
21 090 50	S-	1022.7 M	24	08	08	04	0			
22 100 15	S-	1017.7 C	00	14	14	11	10			
23 090 20	S-	1019.5 C	00	04	04	01	0			
24 090 50	S-	1019.9 C	00	16	16	12	5			
25 080 20	IC	1015.5 N	04	05	05	02	8			
26 090 50	S-	1007.1 M	06	-02	-02	-05	0			
27 001 00	1/2BS	990.1 N	28	07	07	04	10			
28 080 20	S-	993.4 N	18	06	06	03	10			
29 120 50	S-	1000.5 C	00	-01	-02	-06	6			
30 100 50	S-	996.3 C	00	08	08	05	10			

AVG 1013.5 05 03 03 -01 06

Date	Clouds (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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CLYDE NMT
NOVEMBER 1959 0700 EST

01 020 10	S-	992.6 NW	16	06	06	04	10			
02 020 10	S-	998.0 C	00	05	05	02	10			
03 030 05	S-BS	988.5 NW	18	16	16	13	10			
04 080 02	S-BS	985.6 NW	16	20	20	18	10			
05 080 15	S-	992.3 WSW	16	14	14	11	10			
06 090 20	S-	1002.1 C	00	06	06	02	6			
07 090 10	S-	1008.0 C	00	05	05	02	10			
08 090 30	S-	1015.2 C	00	-05	-05	-10	5			
09 090 50	S-	1024.4 C	00	-14	-14	-20	0			
10 090 50	S-	1023.9 C	00	-16	-16	-23	0			
11 030 30	S-	1026.4 WSW	04	-05	-05	-09	9			
12 120 06	S-	1029.4 NE	04	-07	-07	-11	9			
13 090 20	S-	1028.2 C	00	-07	-07	-11	4			
14 090 40	S-	1020.6 NW	04	-05	-05	-09	4			
15 090 50	S-	1028.0 NW	04	-02	-02	-06	10			
16 080 25	S-	1025.8 W	04	05	05	02	10			
17 090 50	S-	1040.1 C	00	-10	-11	-20	0			
18 100 25	S-	1037.5 C	00	02	02	-02	9			
19 100 03	S-IF	1027.7 C	00	05	05	02	10			
20 003 00	1/8S-IF	1031.3 C	00	06	06	03	10			
21 090 50	1/8BS	1023.1 NW	28	12	12	10	3			
22 025 40	S-	1017.9 C	00	14	14	11	10			
23 090 50	S-	1020.0 C	00	05	05	02	0			
24 090 50	S-	1020.3 NW	10	11	11	08	0			
25 080 20	S-	1014.4 N	08	05	05	02	10			
26 090 50	S-	1008.6 N	04	-04	-04	-08	2			
27 090 00	1/2BS	990.0 NW	30	06	06	03	3			
28 090 20	S-	994.2 NW	08	05	05	01	3			
29 120 50	S-	1001.7 C	00	03	03	-03	10			
30 100 50	S-	995.2 W	14	18	17	14	10			

AVG 1013.6 06 03 03 -01 07

CLYDE NMT
NOVEMBER 1959 1000 EST

01 006 00	1/2S-F	991.3 NW	16	06	06	04	10			
02 100 40	S-	998.8 E	04	06	06	03	10			
03 080 15	S-	986.2 NW	22	17	17	15	10			
04 080 05	S-F	985.5 C	00	17	17	16	10			
05 080 15	S-	993.8 WSW	10	13	13	10	10			
06 100 15	S-	1005.3 C	00	06	06	03	10			
07 090 04	S-F	1008.4 NW	08	05	05	01	10			
08 090 40	S-	1016.7 SE	04	-05	-05	-09	2			
09 090 50	S-	1024.2 C	00	-11	-11	-16	0			
10 200 50	S-	1023.9 ESE	02	-12	-12	-17	9			
11 090 20	S-	1026.7 C	00	-05	-05	-07	9			
12 100 06	S-F	1030.1 NE	02	-07	-07	-11	9			
13 090 15	S-	1026.8 NW	06	-07	-07	-11	9			
14 090 50	S-	1020.6 NW	04	-01	-01	-05	4			
15 120 15	S-	1027.7 NW	10	-02	-02	-06	9			
16 080 25	S-	1027.8 NW	14	03	03	00	10			
17 090 50	S-	1041.1 C	00	-13	-13	-18	0			
18 140 50	S-	1036.4 C	00	00	00	-03	10			
19 090 02	S-IF	1028.0 S	04	00	00	-04	2			
20 090 50	S-	1031.0 SSE	04	02	02	-01	1			
21 090 40	S-	1022.9 NW	12	07	07	04	1			
22 023 40	S-	1018.3 ENE	04	10	10	07	10			
23 090 50	S-	1020.6 C	00	02	02	-01	1			
24 090 50	S-	1019.6 C	00	08	08	05	2			
25 080 03	S-F	1013.2 N	10	06	06	03	10			
26 090 45	S-	1005.8 ENE	12	-04	-04	-08	0			
27 012 00	BS	995.4 N	35	07	07	04	10			
28 090 50	S-	995.4 SSW	06	03	03	-03	3			
29 100 50	S-	1001.0 C	00	03	03	00	10			
30 100 50	S-	995.5 WSW	06	15	15	12	10			

AVG 1013.6 07 02 02 -01 07

Date	Clouds (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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CLYDE NMT
NOVEMBER 1959 1300 EST

01 005 00	3/8S-BS	990.0 NW	18	07	08	06	10			
02 200 35	S-	998.9 C	00	04	04	03	10			
03 020 20	S-	984.1 NW	26	20	20	18	9			
04 075 08	S-	985.4 NNE	04	20	20	18	9			
05 090 06	S-F	994.8 SSE	05	12	11	10	10			
06 100 30	S-	1004.8 ESE	02	05	05	02	9			
07 090 20	S-	1009.4 SSE	02	00	00	-04	5			
08 020 10	S-	1018.8 C	00	01	01	-03	10			
09 090 50	S-	1024.4 SE	02	-10	-10	-17	8			
10 090 50	S-	1023.5 C	00	-11	-11	-16	9			
11 100 25	S-	1027.1 WSW	06	-03	-03	-06	8			
12 090 50	S-	1030.3 E	02	-11	-11	-16	2			
13 080 20	S-	1025.4 NW	12	-09	-09	-09	10			
14 090 50	S-	1021.8 NW	04	-01	-01	-04	8			

SYNOPTIC OBSERVATIONS

CLYDE

Date	Ceiling (100's ft.)	Visibility (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
DECEMBER 1959 0100 EST

01 080 20	S-	995.9 W	10 04 04 01 10
02 UNL 50		997.4 C	00 -21 -21 -22 0
03 UNL 50		998.9 C	00 -28 -28 -34 0
04 UNL 50		1002.5 C	00 -26 -26 -28 0
05 UNL 40		1002.3 C	00 -12 -12 -17 0
06 UNL 50		1008.6 NW	04 -28 -28 -31 0
07 UNL 50		1019.0 C	00 -20 -20 -24 0
08 UNL 50		1033.8 NE	06 -23 -23 -33 0
09 UNL 50		1026.1 C	00 -20 -20 -25 0
10 UNL 50		1015.9 M	12 -04 -04 -13 0
11 UNL 50		1011.7 M	06 -01 -02 -09 3
12 UNL 50		1007.0 C	00 -13 -13 -19 0
13 050 50		1012.6 M	12 11 11 07 8
14 UNL 50		1022.0 C	00 -13 -13 -18 0
15 UNL 50		1016.0 E	04 -10 -10 -16 0
16 UNL 50		1010.5 C	00 -13 -13 -18 0
17 UNL 50		1012.0 C	00 -07 -07 -12 0
18 UNL 50		1011.1 C	00 -03 -03 -10 0
19 030 15	S-	1016.1 M	14 -01 -01 -04 10
20 UNL 50		1020.2 S	04 -15 -15 -20 0
21 080 15	S-	1004.0 C	00 06 06 03 10
22 070 15	S-	1000.3 W	16 01 01 -03 10
23 UNL 50		1007.8 C	00 -08 -08 -13 0
24 UNL 50		1007.8 C	00 -18 -18 -23 0
25 100 20	S-	998.2 C	00 06 06 03 10
26 UNL 15		1010.8 NNE	08 -07 -07 -11 0
27 UNL 20		1018.4 SE	04 -01 -01 -04 5
28 100 05	BS	1000.5 SSW	20 15 15 12 10
29 080 05	S-BS	997.4 W	26 -04 -04 -08 10
30 100 05	BS	998.9 NW	12 -09 -09 -15 0
31 000 00	BS	1002.9 M	08 -07 -07 -11 10
AVG		1009.2	06 -09 -09 -13 03

CLYDE NMT
DECEMBER 1959 0400 EST

01 080 20	S-	995.6 W	12 05 05 02 10
02 UNL 50		997.4 C	00 -23 -23 -25 0
03 UNL 50		999.0 C	00 -27 -27 -33 0
04 UNL 50		1002.9 M	04 -22 -22 -27 0
05 080 40		1002.7 M	06 -15 -15 -20 10
06 UNL 50		1009.5 NW	04 -28 -28 -31 0
07 UNL 50		1020.2 SSW	06 -20 -20 -24 0
08 UNL 50		1034.7 NE	04 -23 -23 -33 0
09 UNL 50		1023.5 C	00 -17 -17 -25 0
10 UNL 50		1015.4 M	04 -03 -03 -09 0
11 UNL 50		1012.7 NNE	08 -03 -03 -08 4
12 UNL 50		1006.3 C	00 -10 -10 -17 0
13 UNL 50		1014.5 C	00 11 11 07 2
14 UNL 50		1022.0 C	00 -13 -13 -18 0
15 UNL 50		1019.3 E	06 -11 -11 -16 0
16 UNL 50		1010.5 C	00 -10 -10 -15 0
17 UNL 50		1012.2 C	00 -08 -08 -13 0
18 UNL 50		1009.7 C	00 -09 -09 -16 0
19 UNL 50		1017.7 M	06 -05 -05 10 3
20 120 50		1018.6 M	06 -13 -13 -18 10
21 080 10	S-	1002.8 C	00 06 06 03 10
22 070 15	S-	1001.1 NW	12 01 01 -03 10
23 UNL 50		1007.8 C	00 -10 -10 -15 0
24 UNL 50		1007.4 C	00 -21 -21 -26 0
25 100 20	S-	997.5 ESE	08 04 04 01 10
26 UNL 20		1012.7 NW	06 -08 -06 -10 0
27 UNL 50		1018.4 C	00 -04 -04 -08 0
28 100 20		999.2 N	04 14 14 09 10
29 000 00	S-BS	997.1 M	38 -04 -04 -08 10
30 100 05	BS	998.6 NW	14 -07 -07 -11 10
31 000 00	BS	1008.3 N	28 -08 -08 -12 10
AVG		1009.3	06 -09 -09 -14 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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CLYDE NMT
DECEMBER 1959 0700 EST

01 080 20	S-	995.6 N	10 05 05 02 10
02 UNL 50		997.6 C	00 -23 -23 -28 0
03 UNL 50		999.6 C	00 -25 -25 -36 0
04 UNL 50		1002.9 M	06 -25 -25 -31 0
05 120 25	S-	1002.6 NE	04 -15 -15 -20 9
06 UNL 50		1011.1 C	00 -27 -27 -33 0
07 UNL 50		1022.5 C	00 -22 -22 -27 0
08 010 10		1034.7 NE	02 -20 -20 -22 7
09 UNL 50		1019.7 M	04 -14 -14 -25 0
10 UNL 50		1013.9 NE	04 -02 -02 -06 0
11 UNL 50		1012.6 ESE	10 -04 -04 -07 4
12 UNL 50		1006.0 WSW	02 -11 -11 -17 0
13 100 50		1016.4 M	14 05 05 02 10
14 UNL 50		1021.5 C	00 -13 -13 -18 2
15 UNL 50		1014.7 C	00 -11 -11 -16 0
16 UNL 50		1010.3 C	00 -08 -09 -15 0
17 UNL 50		1012.6 C	00 -10 -10 -13 0
18 UNL 50		1010.3 NNE	06 -04 -04 -12 0
19 UNL 50		1018.4 NW	10 -10 -10 -15 2
20 UNL 50		1016.5 E	04 -08 -08 -12 8
21 080 15	S-	1001.8 C	00 06 06 02 10
22 080 10	S-	1000.6 W	10 02 02 -03 10
23 UNL 50		1008.1 SE	02 -14 -14 -19 0
24 UNL 50		1006.5 C	00 -18 -18 -23 0
25 100 02	S-	999.0 NNE	12 04 04 01 10
26 UNL 50		1013.8 C	00 -06 -06 -10 0
27 UNL 50		1018.1 C	00 -06 -06 -09 4
28 100 20	S-BS	999.5 ENE	04 06 06 02 6
29 000 00	S-BS	998.3 NNE	06 -06 -06 -10 10
30 000 00	BS	996.4 NNE	26 -01 -01 -11 10
31 080 20		1006.2 NW	08 -08 -08 -15 7
AVG		1009.3	06 -09 -09 -15 04

CLYDE NMT
DECEMBER 1959 1000 EST

01 025 25		995.9 M	12 -01 -01 -05 10
02 UNL 50		997.7 C	00 -25 -25 -33 0
03 UNL 50		999.7 C	00 -28 -28 -38 1
04 UNL 50		1002.7 NNE	06 -23 -23 -33 1
05 UNL 40		1003.0 NE	06 -18 -18 -27 1
06 UNL 50		1012.3 SE	02 -25 -25 -33 1
07 UNL 50		1024.5 NE	04 -24 -24 -30 0
08 010 10		1034.3 NE	06 -20 -20 -27 9
09 UNL 50		1017.9 M	08 -11 -11 -18 0
10 200 50		1012.4 NNE	08 -01 -01 -05 8
11 UNL 50		1011.9 M	06 -02 -02 -05 7
12 UNL 50		1005.4 SW	02 -17 -17 -22 0
13 080 50		1018.1 M	08 04 04 00 10
14 UNL 50		1021.0 E	06 -10 -10 -16 0
15 UNL 50		1013.4 C	00 -13 -13 -17 0
16 UNL 50		1010.4 C	00 -13 -13 -18 0
17 UNL 50		1012.8 C	00 -06 -06 -11 0
18 UNL 50		1010.8 ENE	04 -02 -02 -06 2
19 UNL 50		1019.5 M	08 -08 -08 -12 1
20 080 45		1013.3 SSW	16 09 09 06 10
21 080 02	S-	1021.3 C	00 05 05 02 10
22 000 00	S-BS	1000.0 WNW	55 01 01 -02 10
23 UNL 50		1008.0 C	00 -16 -16 -21 0
24 150 50		1005.5 S	20 -06 -06 -10 10
25 090 02	S-	1000.1 NW	12 00 00 -03 10
26 UNL 50		1011.9 SSW	06 -07 -07 -05 7
27 100 50		1015.6 M	08 -01 -01 -05 2
28 080 20	S-	999.5 S	04 06 06 03 9
29 000 00	BS	996.7 NNE	50 -07 -08 -16 10
30 000 00	BS	998.5 NNE	34 -07 -07 -12 10
31 UNL 50		1005.4 SW	04 -12 -12 -18 4
AVG		1009.1	10 -09 -09 -14 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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CLYDE NMT
DECEMBER 1959 1300 EST

01 025 25	S-	996.5 N	14 -05 -05 -09 10
02 UNL 50	IC	998.0 C	00 -24 -24 -41 0
03 UNL 50		999.9 C	00 -28 -28 -31 0
04 200 30		1003.1 WSW	06 -12 -12 -17 9
05 UNL 40		1004.6 W	04 -18 -19 -31 0
06 200 50		1013.9 C	00 -27 -27 -28 9
07 UNL 50		1026.6 NE	06 -27 -27 -33 0
08 UNL 50		1032.0 NE	06 -25 -25 -31 0
09 UNL 50		1014.0 NW	10 -04 -05 -14 0
10 200 50		1012.4 NNE	08 -01 -02 -09 9
11 UNL 50		1011.5 M	04 -03 -03 -07 3
12 UNL 50		1005.6 C	00 -14 -14 -18 0
13 080 40		1019.3 M	04 03 03 -02 10
14 UNL 50		1020.0 E	04 -09 -09 -18 0
15 UNL 50		1012.5 C	00 -13 -13 -17 1
16 UNL 50		1010.3 C	00 -12 -12 -17 0
17 UNL 50		1012.4 C	00 -09 -09 -13 1
18 030 25		1011.3 W	04 02 02 -01 9
19 UNL 50		1020.8 E	04 -09 -10 -16 0
20 080 40		1010.1 WSW	28 13 13 11 10
21 070 20		998.4 C	00 03 03 02 10
22 000 00	S-BS	1002.9 N	60 02 02 -01 10
23 UNL 50		1008.0 C	00 -17 -17 -21 0
24 120 50		1004.1 SSE	10 -05 -05 -07 10
25 090 12	S-	1002.0 N	12 -02 -02 -05 10
26 UNL 50		1013.9 SE	04 -11 -11 -16 8
27 UNL 50		1013.4 ENE	06 -03 -03 -07 3
28 070 04	S-F	999.6 M	04 05 05 01 10
29 000 00	BS	996.3 WNW	32 -08 -08 -13 10
30 000 00	BS	998.1 W	36 -06 -06 -10 10
31 UNL 50		1006.0 W	04 -13 -13 -18 1
AVG		1009.0	09 -09 -09 -14 05

CLYDE NMT
DECEMBER 1959 1600 EST

01 UNL 25	S-	998.0 M	12 -10 -10 -13 2
02 UNL 50		998.5 C	00 -27 -27 -28 0
03 UNL 50		1001.0 C	00 -28 -28 -29 0
04 200 40		1002.9 WSW	26 -10 -10 -16 8
05 UNL 50		1006.3 W	04 -20 -20 -27 0
06 UNL 50		1015.7 S	04 -23 -23 -25 4
07 UNL 50		1029.1 C	00 -25 -25 -33 0
08 UNL 50		1031.2 C	00 -27 -27 -33 0
09 UNL 50		1015.3 SSE	06 -03 -03 -09 0
10 UNL 50		1013.7 M	10 01 01 -04 3
11 UNL 50		1010.8 M	04 -02 -02 -06 2
12 UNL 50		1006.8 S	02 02 02 -02 2
13 080 40		1020.5 NE	04 -01 -01 -05 10
14 UNL 50		1019.3 ENE	02 -15 -15 -19 0
15 UNL 50		1012.4 C	00 -10 -10 -18 0
16 UNL 50		1010.7 C	00 -04 -04 -06 2
17 UNL 50		1012.2 C	00 -10 -10 -13 0
18 030 15	S-	1012.6 M	08 04 04 01 10
19 UNL 50		1020.8 S	02 -13 -13 -19 0
20 080 40		1007.7 SSW	22 13 13 11 10
21 070 15	S-	998.1 C	00 03 03 00 10
22 000 00	BS	1007.5 NNE	35 -04 -04 -12 10
23 UNL 50		1008.6 C	00 -16 -16 -23 0
24 100 20	S-	1003.0 SW	04 -03 -03 -07 10
25 UNL 04	BS	1005.0 NNE	14 -06 -06 -12 0
26 UNL 50		1015.1 SE	02 -06 -06 -10 0
27 100 50		1011.6 ESE	04 01 01 -03 10
28 070 03	S-BS	999.8 NNE	12 02 02 -02 10
29 000 00	BS	997.8 M	38 -09 -09 -13 10
30 000 00	BS	999.3 M	38 -05 -05 -09 10
31 UNL 50		1006.5 C	00 -17 -17 -24 0
AVG		1009.5	08 -09 -09 -14 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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CLYDE NMT
DECEMBER 1959 1900 EST

01 080 25		997.6 M	04 -12 -12 -17 10
02 UNL 50		998.9 C	00 -28 -28 -29 0
03 UNL 50		1001.4 M	04 -26 -26 -30 0
04 200 40		1003.0 WSW	08 -11 -11 -16 7
05 UNL 50		1007.6 C	00 -24 -24 -28 0
06 UNL 50		1016.6 S	04 -20 -20 -24 3
07 UNL 50		1030.9 C	00 -25 -25 -32 0
08 UNL 50		1030.2 NE	04 -26 -26 -32 0
09 UNL 50		1019.8 C	00 -04 -05 -11 0
10 UNL 50		1011.1 M	04 -04 -04 -10 3
11 UNL 50		1009.4 M	04 -09 -09 -13 2
12 050 50		1009.3 M	04 03 03 01 6
13 080 40		1021.6 M	04 -04 -04 -10 8
14 UNL 50		1019.1 E	06 -15 -15 -19 0
15 UNL 50		1012.1 SE	02 -13 -13 -18 0
16 UNL 50		1011.0 C	00 -0

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)	Deck Point (°F)	Sky Cover (tenths)
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EUREKA NMT
JULY 1959 0100 EST

01 UNL 30	1011.3	W	08	40	38	35	0			
02 020 10	1012.2	C	00	38	37	36	10			
03 025 30	1011.9	NW	13	39	39	38	8			
04 UNL 30	1009.8	ESE	10	48	44	40	2			
05 UNL 30	1007.3	NW	13	38	36	35	0			
06 UNL 30	1007.9	NW	09	43	41	39	1			
07 UNL 30	1008.6	E	11	58	47	36	0			
08 UNL 30	1008.4	NW	07	38	36	34	1			
09 035 30	1008.3	NW	16	42	39	35	9			
10 040 25	1009.0	NW	06	44	41	37	9			
11 030 30	1010.0	SE	09	40	39	37	10			
12 070 25	1006.5	NW	15	37	36	35	6			
13 080 25	1005.1	NW	12	40	38	35	9			
14 080 20	1008.6	NW	25	36	35	33	10			
15 UNL 30	1013.6	NW	15	40	37	34	0			
16 UNL 25	1011.0	N	12	56	46	34	0			
17 UNL 25	1007.3	NW	15	40	37	34	1			
18 UNL 10	1001.9	W	20	41	39	36	5			
19 070 20	1001.5	W	21	37	35	33	10			
20 080 25	1002.5	W	20	35	33	32	7			
21 UNL 25	1003.3	W	12	36	33	30	1			
22 180 25	1007.0	W	05	41	38	33	8			
23 UNL 25	1012.3	W	14	38	36	34	3			
24 UNL 25	1010.9	NW	10	43	40	36	0			
25 UNL 25	1013.2	W	10	48	42	36	2			
26 UNL 25	1009.5	NW	02	41	38	34	2			
27 UNL 25	1006.1	NW	08	47	41	34	0			
28 UNL 25	1009.6	NW	08	38	36	34	0			
29 UNL 25	1008.8	NW	21	50	43	36	0			
30 UNL 25	1007.9	NW	25	46	41	35	4			
31 UNL 20	1004.5	NW	23	36	35	33	4			
AVG	1008.2		12	42	39	35	04			

EUREKA NMT
JULY 1959 0400 EST

01 UNL 30	1012.1	NW	08	38	37	35	1			
02 005 10	1012.6	SE	14	39	39	39	10			
03 025 30	1011.9	NW	09	38	37	36	9			
04 UNL 30	1009.9	ESE	08	51	45	38	1			
05 UNL 30	1007.5	NW	13	44	41	37	0			
06 UNL 30	1008.9	ESE	11	50	46	42	1			
07 UNL 30	1009.3	SE	14	52	43	32	0			
08 UNL 30	1008.5	NW	04	44	40	36	1			
09 080 30	1008.4	NW	21	43	40	36	9			
10 040 25	1009.4	NW	04	41	38	35	9			
11 010 20	1009.5	NW	13	44	41	37	10			
12 200 25	1006.5	NW	15	37	36	35	7			
13 080 25	1009.5	NW	17	39	37	37	9			
14 080 20	1009.1	W	20	35	34	33	9			
15 UNL 30	1011.2	NW	13	41	38	34	0			
16 UNL 25	1009.5	NW	13	48	41	37	1			
17 UNL 25	1007.1	NW	15	45	41	35	1			
18 UNL 15	1001.3	NW	12	38	36	34	5			
19 180 20	1001.9	W	12	35	34	32	8			
20 080 35	1003.1	NW	12	35	34	31	7			
21 UNL 25	1008.6	W	04	38	37	36	9			
22 080 25	1013.1	W	09	36	35	34	2			
23 UNL 25	1011.1	NW	08	42	39	35	0			
24 UNL 25	1013.0	ESE	10	44	40	35	1			
25 UNL 25	1010.7	NW	10	41	38	34	0			
26 UNL 25	1006.4	NW	08	43	40	37	0			
27 UNL 25	1006.4	NW	08	43	40	37	0			
28 UNL 25	1010.0	NW	08	44	40	34	0			
29 UNL 25	1008.4	N	15	52	44	34	0			
30 UNL 25	1007.9	NW	15	43	39	34	2			
31 UNL 20	1004.5	NW	24	37	35	33	2			
AVG	1008.5		12	41	39	35	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)	Deck Point (°F)	Sky Cover (tenths)
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EUREKA NMT
JULY 1959 0700 EST

01 UNL 30	1012.4	NW	08	40	38	36	1			
02 010 20	1012.9	SSE	13	40	39	38	9			
03 035 30	1012.0	NW	08	38	37	36	9			
04 UNL 30	1009.5	ESE	07	56	49	42	1			
05 UNL 30	1007.7	NW	11	44	42	39	0			
06 UNL 30	1009.1	SE	10	53	45	36	0			
07 UNL 30	1009.3	SE	10	53	44	34	1			
08 UNL 30	1008.2	C	00	46	42	37	2			
09 080 30	1008.6	NW	14	44	40	36	7			
10 040 25	1009.5	NW	04	39	38	36	9			
11 025 20	1009.0	SE	13	39	37	35	10			
12 080 25	1006.6	NW	13	41	39	36	9			
13 080 25	1005.9	NW	12	38	37	34	9			
14 080 25	1010.6	W	17	36	35	32	6			
15 UNL 30	1014.2	NW	10	40	37	34	3			
16 UNL 25	1010.3	NW	10	44	39	33	0			
17 UNL 25	1006.4	NW	20	45	40	34	1			
18 UNL 07	1000.7	NW	28	35	34	33	5			
19 180 20	1002.1	NW	15	37	34	31	8			
20 080 25	1003.3	NW	14	36	34	32	7			
21 080 25	1003.9	W	16	36	34	30	6			
22 030 20	1009.9	W	06	38	36	33	9			
23 UNL 25	1012.9	W	10	38	35	32	4			
24 UNL 25	1011.3	NW	10	45	41	36	1			
25 UNL 25	1013.0	ESE	10	48	42	35	1			
26 UNL 25	1009.0	NW	10	44	39	34	1			
27 UNL 25	1007.2	NW	10	47	42	35	0			
28 UNL 25	1010.4	NW	10	42	39	35	0			
29 UNL 25	1008.9	NW	14	45	41	36	0			
30 UNL 25	1007.9	NW	14	40	37	34	3			
31 UNL 20	1004.5	W	18	38	36	33	5			
AVG	1008.6		12	42	39	35	04			

EUREKA NMT
JULY 1959 1000 EST

01 UNL 30	1012.2	NW	08	39	37	35	2			
02 020 30	1012.4	NW	15	42	40	38	10			
03 035 30	1011.6	NW	05	39	38	37	9			
04 UNL 25	1009.0	NW	08	48	44	39	8			
05 UNL 30	1007.3	NW	10	47	42	37	0			
06 UNL 30	1008.9	SSE	11	52	45	34	0			
07 UNL 30	1008.9	S	01	50	44	37	1			
08 UNL 30	1007.5	W	23	45	42	37	3			
09 040 25	1008.9	W	07	45	41	37	9			
10 040 25	1009.4	ESE	10	46	42	37	8			
11 040 20	1008.7	NW	10	48	43	38	10			
12 025 25	1005.5	NW	11	42	40	36	5			
13 080 25	1005.7	NW	26	40	38	38	10			
14 UNL 25	1011.0	W	14	39	37	34	1			
15 UNL 25	1013.1	NW	09	40	38	35	1			
16 UNL 25	1009.4	SE	14	40	39	36	9			
17 UNL 25	1005.4	NW	20	45	42	39	1			
18 020 20	1000.6	W	16	35	34	33	8			
19 UNL 25	1001.7	W	17	39	36	32	2			
20 UNL 25	1003.4	W	15	37	35	33	5			
21 080 25	1009.0	NW	13	42	39	36	6			
22 030 25	1010.8	WSW	12	36	35	33	9			
23 080 25	1012.3	NW	10	37	36	35	6			
24 UNL 25	1011.1	NW	08	43	40	37	7			
25 UNL 25	1012.4	NW	07	50	46	38	3			
26 UNL 25	1009.1	NW	08	42	39	37	1			
27 UNL 25	1007.5	NW	08	46	42	37	1			
28 UNL 25	1009.7	NW	11	44	41	36	0			
29 UNL 25	1008.5	NE	03	57	47	35	0			
30 UNL 25	1006.7	NW	25	40	38	34	1			
31 040 25	1003.6	W	17	38	36	33	9			
AVG	1008.3		12	43	40	36	05			

EUREKA NMT
JULY 1959 1300 EST

01 UNL 30	1011.6	NW	08	39	38	36	2			
02 025 30	1011.7	NW	15	43	41	38	9			
03 035 30	1011.0	NW	07	42	41	40	6			
04 UNL 25	1007.5	NW	12	50	44	38	8			
05 UNL 30	1007.0	NW	11	44	40	36	0			
06 UNL 30	1008.6	SSE	08	55	47	39	0			
07 UNL 30	1008.8	NW	11	56	46	36	1			
08 UNL 30	1007.2	W	22	46	42	38	5			
09 040 25	1008.8	NW	10	43	40	36	9			
10 040 25	1009.5	SE	09	48	43	38	8			
11 040 25	1007.6	SE	09	46	43	39	9			
12 035 25	1006.4	NW	13	43	40	37	8			
13 080 25	1005.8	W	20	39	37	35	10			
14 UNL 25	1011.3	W	17	40	38	35	1			
15 UNL										

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 (tenths)
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EUREKA NMT
AUGUST 1959 0100 EST

01 080 25	999.4	M	15	36	33	35	9			
02 UNL 25	1005.9	WNW	09	38	37	35	5			
03 180 25	1007.0	NW	06	41	38	36	7			
04 045 25	1007.8	NW	05	40	39	36	10			
05 UNL 20	1008.9	M	11	45	42	38	2			
06 080 20	1011.7	NW	07	41	39	37	9			
07 045 25	1011.7	WNW	09	37	36	35	6			
08 045 20	1010.0	WNW	08	37	37	36	8			
09 UNL 25	1005.5	NW	10	41	39	41	1			
10 080 25	1006.8	S	12	42	39	35	7			
11 080 20	1010.9	SE	20	43	40	37	8			
12 180 25	1016.0	C	00	44	41	36	8			
13 UNL 25	1014.6	WNW	09	47	41	34	0			
14 080 25	1015.1	NW	18	44	41	38	10			
15 100 25	1018.3	NW	05	44	40	37	9			
16 080 20	1022.3	WNW	09	41	40	37	6			
17 UNL 25	1021.1	WNW	10	38	37	35	4			
18 UNL 25	1020.2	WNW	06	40	39	36	0			
19 UNL 25	1017.9	N	06	39	37	34	0			
20 UNL 25	1018.6	NW	05	34	34	33	3			
21 035 20	1022.2	M	05	39	37	35	10			
22 UNL 25	1022.1	NW	08	36	35	32	0			
23 UNL 20	1022.2	WNW	07	41	38	36	5			
24 UNL 20	1018.7	NW	07	37	35	30	1			
25 UNL 20	1015.4	N	07	40	36	31	4			
26 UNL 20	1018.4	WNW	15	36	34	30	1			
27 UNL 10	1020.6	N	06	35	34	31	3			
28 UNL 20	1014.3	NW	05	33	31	28	3			
29 UNL 20	1007.9	SE	10	35	34	32	2			
30 035 20	1017.5	E	06	32	30	26	10			
31 UNL 20	1019.2	M	07	29	27	25	3			
AVG	1014.5		09	39	37	34	05			

EUREKA NMT
AUGUST 1959 0400 EST

01 080 25	999.6	M	11	35	34	33	10			
02 UNL 25	1006.9	WNW	09	40	38	35	4			
03 UNL 25	1007.4	WNW	09	40	38	35	5			
04 045 20	1008.0	NW	05	42	41	38	10			
05 UNL 20	1009.8	M	13	43	40	38	5			
06 080 20	1011.6	WNW	09	38	37	36	8			
07 045 25	1012.3	WNW	10	40	38	37	9			
08 080 20	1009.4	WNW	06	38	37	37	8			
09 UNL 25	1005.5	N	10	42	39	36	1			
10 080 25	1008.2	ESE	08	41	39	36	9			
11 035 20	1012.0	ESE	13	44	40	38	9			
12 180 25	1016.0	NNE	09	44	40	37	8			
13 UNL 25	1014.5	S	03	46	40	32	0			
14 080 25	1015.7	WNW	20	41	39	36	10			
15 100 25	1019.3	N	06	41	38	36	9			
16 080 20	1022.5	NW	07	39	38	38	9			
17 UNL 25	1021.2	WNW	09	40	38	37	4			
18 UNL 25	1020.6	NW	05	40	38	36	0			
19 UNL 25	1018.2	NNE	09	35	34	31	0			
20 UNL 25	1019.9	WNW	08	34	33	32	1			
21 045 20	1017.4	NW	09	37	35	35	10			
22 UNL 20	1022.1	NW	07	35	34	32	0			
23 180 20	1022.4	NNE	04	37	34	30	7			
24 UNL 20	1018.3	NW	06	36	34	32	1			
25 UNL 20	1015.8	NW	05	38	35	30	4			
26 UNL 20	1019.0	N	14	34	32	30	3			
27 UNL 10	1020.3	WSW	13	34	32	29	3			
28 180 20	1014.3	E	05	32	30	28	7			
29 080 20	1008.0	SE	18	35	34	33	9			
30 030 20	1018.9	NW	09	32	30	28	10			
31 025 20	1018.2	WNW	06	29	28	27	8			
AVG	1014.8		09	38	36	34	06			

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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EUREKA NMT
AUGUST 1959 0700 EST

01 070 25	1000.3	M	09	36	35	35	10			
02 UNL 25	1007.7	WNW	09	39	38	36	7			
03 080 25	1007.9	WNW	08	39	37	34	7			
04 080 20	1007.7	NW	07	41	40	38	8			
05 UNL 20	1010.3	WNW	11	43	41	37	2			
06 080 20	1011.5	WNW	07	38	37	36	7			
07 045 25	1012.7	WNW	08	38	36	35	8			
08 045 20	1008.7	WNW	05	39	38	36	9			
09 UNL 25	1005.5	C	00	44	41	38	1			
10 035 20	1009.2	SE	10	42	40	39	10			
11 180 20	1013.1	ESE	13	46	41	36	7			
12 180 25	1016.0	WNW	08	42	40	38	8			
13 UNL 25	1014.5	N	14	41	43	33	2			
14 UNL 25	1016.8	WNW	14	39	36	4				
15 100 25	1019.9	ESE	07	42	40	39	8			
16 UNL 20	1022.8	NW	07	38	36	35	6			
17 UNL 25	1021.0	WNW	09	42	39	37	1			
18 UNL 25	1020.3	M	06	42	40	38	1			
19 UNL 25	1018.7	NNE	06	39	37	33	0			
20 UNL 20	1020.3	WNW	05	36	35	34	1			
21 045 25	1023.0	M	09	38	36	34	10			
22 UNL 20	1022.3	NW	08	38	36	34	0			
23 UNL 20	1021.8	NW	10	42	38	33	4			
24 UNL 20	1018.1	NW	05	39	36	33	0			
25 UNL 25	1015.6	NW	08	40	37	35	1			
26 UNL 20	1020.5	N	14	34	33	30	3			
27 UNL 10	1020.1	NW	08	46	43	41	5			
28 180 20	1014.0	ESE	05	32	31	29	8			
29 UNL 20	1017.2	M	25	37	34	30	10			
30 030 20	1020.4	WNW	10	32	30	28	9			
31 025 20	1017.9	WNW	10	29	27	27	9			
AVG	1015.0		09	40	37	35	05			

EUREKA NMT
AUGUST 1959 1000 EST

01 080 25	1001.0	M	10	36	36	35	9			
02 UNL 25	1007.6	NW	10	42	40	37	2			
03 045 25	1008.1	NW	05	37	35	31	8			
04 080 25	1007.4	NW	10	41	39	37	8			
05 UNL 25	1010.6	M	12	42	40	37	3			
06 080 25	1011.5	WNW	06	39	38	36	7			
07 045 20	1012.9	WNW	07	38	37	35	9			
08 045 20	1008.2	WNW	05	41	40	37	9			
09 080 25	1004.5	S	02	41	39	36	8			
10 040 25	1009.5	SE	07	43	41	38	8			
11 080 25	1013.5	SE	12	45	42	38	7			
12 UNL 25	1015.5	WNW	10	45	42	39	6			
13 UNL 25	1014.1	NE	15	46	45	35	4			
14 UNL 25	1017.1	WNW	10	43	41	37	1			
15 080 25	1020.5	WNW	11	40	39	37	8			
16 UNL 25	1022.8	WNW	08	41	40	38	4			
17 UNL 25	1020.5	WNW	10	44	41	35	0			
18 UNL 25	1019.8	WNW	09	43	40	37	0			
19 UNL 25	1018.7	WNW	10	38	36	34	2			
20 UNL 25	1020.5	WNW	08	38	36	33	5			
21 045 25	1022.8	WNW	10	38	36	34	10			
22 UNL 25	1022.3	WNW	10	44	39	32	0			
23 180 25	1021.9	WNW	08	42	38	33	8			
24 UNL 25	1017.5	WNW	11	38	35	32	4			
25 UNL 25	1015.3	M	10	40	37	33	0			
26 UNL 20	1021.0	M	08	34	34	33	3			
27 UNL 20	1019.1	N	10	41	36	29	1			
28 180 20	1012.7	SE	07	35	33	30	8			
29 080 20	1003.6	S	22	38	36	33	10			
30 030 20	1021.1	WNW	10	33	32	30	8			
31 035 20	1017.3	S	04	30	29	27	9			
AVG	1014.8		09	40	38	34	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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EUREKA NMT
AUGUST 1959 1300 EST

01 080 25	1001.6	WNW	09	36	36	35	9			
02 UNL 25	1007.4	WNW	10	46	41	38	1			
03 045 25	1008.4	WNW	05	39	38	35	8			
04 045 25	1007.4	WNW	12	42	40	37	6			
05 080 25	1010.9	WNW	10	44	41	38	7			
06 080 25	1010.7	M	02	44	42	39	7			
07 080 20	1012.5	NW	06	38	37	35	9			
08 UNL 25	1007.3	WNW	08	40	39	37	5			
09 080 25	1004.5	NW	06	40	39	36	9			
10 080 25	1009.2	C	00	48	43	39	8			
11 080 25	1014.4	S	13	46	42	36	7			
12 UNL 25	1015.2	WN								

SYNOPTIC OBSERVATIONS

EUREKA

Date	Cloud (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hazels)
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EUREKA NMT
SEPTEMBER 1959 0100 EST

01 020 03	S-	1014.3	ESE	07	31	31	30	10		
02 UNL 20		1020.0	ENE	08	26	24	19	2		
03 010 05	S-	1011.4	E	01	28	27	27	10		
04 002 02	S-	1012.4	ESE	09	29	28	28	10		
05 035 10		1015.9	ESE	06	21	20	18	9		
06 020 10		1005.6	NE	06	26	25	22	10		
07 UNL 20		1010.9	NNE	07	19	18	15	2		
08 UNL 25		1011.1	N	12	24	23	20	1		
09 UNL 25		1005.9	NM	05	23	23	20	2		
10 001 00	F	1003.5	NE	04	13	12	09	10		
11 001 00	1/4F	1006.3	NNE	05	19	18	17	10		
12 025 10		1003.0	NW	15	20	20	18	8		
13 UNL 25		1014.9	NW	06	23	21	18	1		
14 020 15		1012.9	SE	11	27	26	26	10		
15 045 15		1012.8	NNE	12	27	26	24	9		
16 UNL 10		1018.0	NE	04	13	13	10	2		
17 000 00	1/4S+	1003.0	S	04	22	21	18	10		
18 030 08		1001.3	M	11	18	17	15	10		
19 UNL 10		1009.7	N	22	18	17	14	4		
20 002 08		1003.2	M	08	15	14	10	7		
21 UNL 02	BS	1005.6	E	08	04	00	-06	0		
22 010 08		1006.5	C	00	12	11	07	7		
23 030 10		1005.1	C	00	12	11	04	9		
24 UNL 10		1005.7	NNE	04	06	05	00	1		
25 UNL 20		1005.2	E	04	02	02	-01	4		
26 UNL 15		1007.1	N	04	18	17	14	4		
27 UNL 25		1011.1	SE	03	03	03	-03	2		
28 050 04	S-	1008.0	M	15	10	10	08	10		
29 UNL 15		1011.3	NW	09	07	07	04	1		
30 UNL 20		1011.3	NW	09	07	07	03	1		

AVG 1009.1 07 18 17 14 06

EUREKA NMT
SEPTEMBER 1959 0400 EST

01 020 10		1014.3	NW	07	30	30	29	10		
02 UNL 15		1019.3	NW	07	25	24	21	4		
03 005 02	S-	1011.1	C	00	28	28	27	10		
04 002 02	S-	1013.4	ESE	09	28	28	27	10		
05 025 15		1015.1	NE	02	24	24	21	6		
06 010 04	S-	1003.6	NE	04	26	25	24	10		
07 UNL 20		1011.7	NNE	08	18	18	14	3		
08 UNL 25		1010.9	N	15	24	24	21	3		
09 UNL 25		1005.0	N	05	24	22	13	0		
10 003 00	1/4F	1001.3	C	00	24	24	21	3		
11 001 00	1/4F	1006.8	NNE	05	19	18	17	10		
12 080 10		1003.5	NW	14	23	22	17	9		
13 UNL 25		1015.6	E	07	15	15	11	3		
14 020 15		1011.7	SE	11	28	27	26	10		
15 080 15		1014.3	NNE	08	25	25	24	7		
16 020 10		1017.2	C	00	16	14	10	9		
17 000 00	1/4S+	1001.3	C	05	24	24	22	10		
18 030 10		1002.5	NW	10	20	19	17	10		
19 UNL 10		1005.4	N	17	18	17	14	4		
20 UNL 15		1002.9	NW	09	13	12	10	2		
21 020 08		1006.6	E	05	02	02	-09	6		
22 010 10		1006.2	NW	08	12	11	06	10		
23 030 10		1005.8	E	05	14	13	08	11		
24 UNL 10		1005.1	SE	03	02	02	-01	1		
25 UNL 15		1006.2	ESE	06	05	05	04	7		
26 080 15		1007.8	NE	08	19	19	15	7		
27 080 25		1011.3	N	02	03	03	-01	7		
28 015 04	S-	1009.0	M	06	10	10	06	10		
29 UNL 15		1011.4	NE	03	09	08	04	5		
30 UNL 20		1010.9	NW	14	07	07	04	1		

AVG 1009.0 07 18 17 14 07

Date	Cloud (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hazels)
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EUREKA NMT
SEPTEMBER 1959 0700 EST

01 015 03	S-	1015.2	NE	17	30	29	26	10		
02 020 10		1018.3	NNE	13	29	26	21	8		
03 010 04	S-	1010.9	C	00	27	27	25	7		
04 002 02	S-	1014.5	SE	07	28	28	26	10		
05 025 20		1014.0	C	00	24	23	20	6		
06 005 01	S-	1003.6	NM	06	25	25	23	10		
07 UNL 20		1012.3	N	12	22	21	18	3		
08 180 25		1010.3	N	12	26	25	23	6		
09 UNL 25		1004.5	N	05	25	21	14	0		
10 003 00	1/4F	1004.5	NNE	04	14	13	08	10		
11 002 08		1007.0	ENE	05	19	19	17	10		
12 080 15		1004.7	W	13	26	24	18	9		
13 015 20		1016.9	E	06	17	16	14	9		
14 020 15		1009.7	SSE	25	29	28	27	10		
15 080 15		1015.6	C	00	24	24	23	9		
16 020 10		1015.7	NE	04	16	16	16	7		
17 000 00	1/4S+	1000.4	C	00	26	25	24	10		
18 030 10		1004.1	M	18	20	19	15	9		
19 UNL 10		1005.4	NW	07	17	17	14	3		
20 UNL 15		1002.7	NNE	07	06	06	01	1		
21 005 10		1007.1	SE	05	04	03	00	9		
22 030 10		1006.1	W	08	12	11	07	10		
23 030 10		1006.2	SE	07	16	15	12	7		
24 UNL 10		1004.0	E	06	01	01	-05	1		
25 080 15		1005.2	NW	07	12	11	07	9		
26 080 15		1008.0	N	09	17	17	13	6		
27 UNL 25		1011.2	ESE	05	02	02	-03	4		
28 005 02	S-	1009.6	C	00	10	10	08	10		
29 080 20		1011.5	NE	04	07	07	04	9		
30 UNL 20		1010.4	NW	14	05	04	01	3		

AVG 1009.0 08 18 17 14 07

EUREKA NMT
SEPTEMBER 1959 1000 EST

01 010 07		1016.4	NW	10	28	27	25	9		
02 020 10		1016.0	N	13	32	29	25	10		
03 002 02	S-	1010.3	SE	04	30	29	29	10		
04 030 03	S-	1015.1	ESE	06	28	28	27	9		
05 025 07		1012.0	N	08	26	25	23	9		
06 000 01	S-	1003.7	ESE	06	25	25	24	10		
07 UNL 25		1012.7	N	10	23	22	20	1		
08 UNL 25		1009.6	N	14	25	24	20	5		
09 UNL 25		1003.8	NW	07	24	23	21	1		
10 003 00	F	1004.2	N	05	16	15	13	10		
11 003 03	F	1007.5	C	00	19	18	16	10		
12 UNL 20		1009.6	NW	13	26	26	24	3		
13 015 20		1016.8	E	06	20	20	17	10		
14 002 02	S-	1008.9	SSE	14	29	29	29	10		
15 030 10		1016.4	NE	03	25	24	23	8		
16 005 04	F	1014.0	E	03	19	19	16	8		
17 000 03	S-	999.3	C	00	26	25	24	7		
18 180 15		1005.2	NW	14	20	19	16	8		
19 UNL 08		1004.1	NW	21	18	17	12	3		
20 UNL 15		1002.6	E	07	05	05	02	1		
21 000 01	S-	1002.4	SE	06	06	06	03	10		
22 030 10		1005.8	W	07	11	11	06	9		
23 025 10		1006.3	SE	07	17	16	13	9		
24 UNL 20		1004.3	E	05	02	02	-01	1		
25 080 15		1005.0	NW	07	16	15	13	8		
26 UNL 25		1008.2	N	15	20	18	16	4		
27 180 25		1010.2	NNE	05	01	00	-03	7		
28 005 02	S-	1009.3	N	05	10	10	08	10		
29 080 20		1011.2	NW	05	09	09	03	9		
30 UNL 20		1009.9	NW	15	03	03	-02	5		

AVG 1008.7 08 19 18 15 07

Date	Cloud (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hazels)
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EUREKA NMT
SEPTEMBER 1959 1300 EST

01 020 10		1017.1	NW	12	29	28	27	9		
02 020 10		1014.8	NNE	11	32	30	26	9		
03 002 02	S-	1010.4	ESE	09	29	29	28	10		
04 030 20		1015.8	C	00	30	29	27	9		
05 025 15		1011.1	NE	06	20	25	22	8		
06 015 03	S-	1005.1	N	04	27	26	23	9		
07 UNL 25		1012.6	N	10	25	23	18	3		
08 UNL 25		1009.6	N	11	27	25	22	2		
09 UNL 25		1003.2	N	05	25	23	18	1		
10 003 03	F	1004.3	C	00	17	17	15	10		
11 180 07		1006.9	ESE	01	19	19	17	7		
12 UNL 25		1008.0	NE	07	29	27	23	1		
13 015 20	F	1016.8	ESE	07	23	23	22	8		
14 015 08		1008.7	S	13	30	29	10			
15 035 10		1017.0	NE	02	24	24	22	7		
16 080 15		1012.7	E	05						

SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (100° ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Wind Gust (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT
OCTOBER 1959 0100 EST

01 010 03	S-	1004.9 M	16 05 05	01 10
02 080 15		1006.1 W	13 12 11	08 9
03 UNL 20		1006.3 N	16 04 04	01 1
04 UNL 20		1003.5 N	09 08 08	05 3
05 080 20		1009.7 ESE	06 -02 -02	-05 9
06 UNL 20		1020.3 ESE	06 -08 -08	-11 2
07 UNL 20		1013.0 NE	06 -03 -04	-09 0
08 UNL 15		1010.3 NE	03 -11 -11	-14 0
09 UNL 07		1016.6 SSE	02 -08 -08	-12 0
10 UNL 10		1015.5 NE	03 -05 -05	-07 4
11 010 07	S-	1012.4 W	05 00 01	-03 10
12 080 07		1015.4 E	03 -08 -08	-12 10
13 015 10		1015.9 S	05 00 01	-03 10
14 UNL 20		1017.6 E	01 -22 -22	-27 1
15 010 15		1018.2 ESE	03 -12 -12	-18 10
16 UNL 15		1014.4 C	00 -18 -18	-24 2
17 080 10	S-	1017.6 C	00 -14 -14	-18 8
18 040 15	1C	1010.7 NW	02 -08 -08	-12 8
19 020 10		1002.4 E	04 -06 -06	-10 8
20 UNL 15		1001.7 E	03 -13 -13	-16 1
21 030 07		1005.7 C	01 -11 -11	-16 9
22 UNL 15		1011.3 C	00 -37	0
23 UNL 10	1C	1012.1 C	00 -33	1
24 030 08		1013.6 SE	04 -18 -18	-26 10
25 080 15		1016.4 C	00 -11 -11	-18 10
26 UNL 15		1004.6 ENE	01 -23 -23	-29 0
27 010 10		1018.0 NNE	02 -09 -09	-14 10
28 UNL 15		1014.7 WNW	04 -15 -15	-21 3
29 UNL 10		1000.4 E	08 -25 -25	-33 0
30 UNL 10	1C	997.6 E	06 -33 -33	-42 0
31 035 07	S-	995.7 SE	04 -16 -16	-24 10
AVG		1010.4	04 -11 -11	-16 05

EUREKA NMT
OCTOBER 1959 0400 EST

01 030 07		1004.7 W	14 06 06	03 9
02 080 15		1006.6 W	08 12 11	08 9
03 UNL 20		1006.2 NNE	05 03 03	-01 1
04 UNL 20		1004.4 E	02 07 06	03 5
05 UNL 20		1010.8 ESE	06 -05 -05	-09 3
06 UNL 20		1020.0 NW	03 -02 -02	-05 2
07 UNL 20		1012.7 NE	06 -05 -05	-09 0
08 UNL 15		1011.1 ME	04 -10 -10	-15 0
09 UNL 07		1015.6 C	00 -05 -06	-11 0
10 UNL 10		1015.3 ESE	03 -04 -04	-07 4
11 UNL 07	S-	1011.9 NNE	06 -03 -03	-07 5
12 080 07		1014.8 E	04 -07 -07	-10 10
13 015 10		1014.3 S	03 -01 -01	-04 10
14 UNL 20		1017.9 SE	04 -19 -19	-24 4
15 010 10	1C	1018.4 C	00 -11 -11	-17 10
16 UNL 10		1014.4 ESE	02 -15 -15	-18 3
17 080 10	S-	1016.5 WNW	04 -06 -06	-09 9
18 015 07	S-	1009.7 NW	04 -05 -05	-09 10
19 020 10		1002.1 C	00 -04 -05	-09 8
20 UNL 15		1001.6 ENE	02 -17 -16	-21 1
21 015 07	S-	1006.4 SE	03 -14 -13	-18 9
22 UNL 15		1011.5 C	00 -37	0
23 UNL 10	1C	1011.6 ESE	06 -31 -31	-37 5
24 030 08		1014.3 ESE	04 -16 -16	-24 10
25 080 15		1015.1 N	03 -14 -14	-20 9
26 UNL 15		1006.3 E	03 -24 -24	-34 0
27 080 10		1018.2 SE	04 -08 -08	-14 10
28 UNL 15	1C	1014.1 C	00 -11 -11	-27 3
29 UNL 10		999.7 E	04 -25 -25	-38 0
30 UNL 10		996.6 ESE	06 -28 -28	-35 0
31 035 07	S-	996.3 ESE	03 -14 -14	-21 10
AVG		1010.4	04 -10 -10	-15 05

Date	Calling (100° ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Wind Gust (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT
OCTOBER 1959 0700 EST

01 080 10		1005.0 W	10 08 08	05 9
02 180 20		1006.7 E	08 11 11	08 8
03 UNL 20		1005.8 NNE	10 05 04	01 8
04 100 20		1005.3 NNE	14 04 04	-01 8
05 UNL 20		1012.3 ESE	06 -08 -07	-10 1
06 UNL 20		1019.4 W	15 06 05	00 0
07 UNL 20		1012.8 ESE	05 -09 -09	-13 0
08 UNL 02	F	1012.2 NNE	03 -08 -08	-12 8
09 008 01	S-	1014.3 W	05 -03 -03	-09 10
10 UNL 10		1014.3 NE	04 -10 -10	-15 4
11 010 05	1C	1012.0 F	04 -01 -01	-03 6
12 010 07		1015.3 NE	03 -04 -04	-08 10
13 015 10		1016.5 C	00 -07 -07	-10 10
14 015 15		1017.7 SE	04 -18 -18	-23 9
15 010 07	1C	1018.2 SE	05 -11 -11	-13 10
16 UNL 15		1014.9 NE	01 -20 -20	-24 2
17 080 10	S-	1015.6 W	03 -05 -04	-07 7
18 015 07	S-	1008.3 WNW	04 00 01	-03 10
19 020 10		1001.8 E	03 -02 -02	-06 10
20 UNL 15		1001.8 NE	01 -22 -22	-27 1
21 015 07		1007.1 W	00 -16 -16	-20 9
22 UNL 15		1011.5 C	00 -35	1
23 030 10	1C	1012.1 ESE	06 -31 -31	-37 7
24 030 15		1015.2 E	04 -14 -15	-23 10
25 080 15		1013.1 NNE	02 -08 -08	-14 7
26 UNL 15		1008.1 ENE	02 -24 -24	-28 1
27 080 10		1015.0 C	00 -08 -08	-14 10
28 080 15		1012.7 ESE	02 -19 -19	-22 8
29 UNL 15	1C	999.7 ESE	04 -32 -32	-41 0
30 UNL 15		995.7 E	05 -28 -28	-39 0
31 UNL 10	1C	994.4 ESE	03 -15 -15	-21 3
AVG		1010.3	04 -11 -11	-16 06

EUREKA NMT
OCTOBER 1959 1000 EST

01 010 03	S-	1005.3 WNW	10 10 10	06 10
02 180 20		1006.5 WNW	05 11 10	08 7
03 UNL 20		1005.7 N	10 03 03	-01 5
04 UNL 20		1007.5 NNE	14 00 00	-01 3
05 UNL 20		1014.2 E	05 -08 -08	-11 3
06 UNL 20		1018.8 WNW	17 05 04	00 1
07 UNL 20		1012.8 ESE	07 -09 -09	-13 0
08 005 03	F	1013.3 NNE	05 -09 -09	-13 10
09 005 02	S-	1014.2 WNW	08 -02 -02	-07 10
10 020 10		1013.9 C	00 -04 -04	-07 9
11 005 05	1C F	1011.9 ESE	08 -10 -10	-09 10 10
12 005 02	F	1015.3 SE	05 00 00	-05 10
13 015 10		1014.8 ENE	04 -15 -15	-20 10
14 015 15		1017.1 ESE	05 -16 -16	-20 14
15 010 10	1C	1017.5 E	04 -13 -13	-17 10
16 UNL 15		1016.0 ESE	04 -18 -18	-22 4
17 080 08	S-	1014.5 N	03 -07 -06	-10 9
18 010 10	S-	1006.5 WNW	06 -02 -02	-10 10
19 010 10		1001.4 NE	04 -02 -02	-05 10
20 UNL 15		1001.8 E	04 -21 -21	-25 2
21 UNL 15		1008.9 E	04 -22 -21	-23 4
22 UNL 15		1011.9 C	00 -37	1
23 015 02	1C	1011.6 ESE	08 -26 -26	-32 10
24 080 15		1015.4 ESE	04 -13 -13	-18 9
25 UNL 15		1011.0 ESE	10 -16 -16	-21 5
26 UNL 15		1010.8 NE	03 -23 -23	-27 5
27 080 15		1016.8 C	00 -09 -09	-14 9
28 010 02	S-	1010.4 ESE	06 -15 -15	-23 10
29 UNL 15		999.7 ESE	07 -33 -33	-42 1
30 035 10	S-	994.9 ESE	07 -21 -21	-23 9
31 UNL 15		998.4 E	02 -25 -25	-31 0
AVG		1010.3	06 -11 -11	-16 07

Date	Calling (100° ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Wind Gust (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT
OCTOBER 1959 1300 EST

01 005 03	S-	1005.4 W	13 09 09	06 9
02 080 20		1006.7 N	07 09 09	06 8
03 180 20		1004.7 N	05 04 00	00 7
04 UNL 20		1006.6 N	10 00 00	-01 3
05 080 20		1015.5 SE	05 -02 -02	-05 8
06 UNL 20		1018.2 WNW	15 03 03	00 1
07 UNL 20		1012.6 ESE	06 -09 -09	-13 0
08 005 03	F	1014.4 C	00 -04 -04	-08 10
09 015 04	S-	1014.2 WNW	05 00 00	-04 9
10 015 10		1013.7 E	05 -01 -01	-05 9
11 005 05	1C F	1012.5 ESE	06 -09 -09	-13 8
12 015 10		1015.3 S	04 03 03	-01 10
13 015 10		1016.5 ESE	04 -10 -10	-12 10
14 015 15		1017.1 E	04 -12 -12	-17 10
15 010 10		1017.1 E	04 -17 -17	-19 10
16 UNL 15		1016.8 C	00 -21 -21	-25 7
17 UNL 15		1013.5 E	03 -10 -10	-15 2
18 005 04	S-	1005.6 WNW	07 02 02	-01 10
19 020 10		1001.2 C	00 -01 -01	-05 10
20 080 15		1002.4 ESE	05 -17 -17	-21 7
21 UNL 15		1007.9 SE	04 -30 -30	-35 2
22 UNL 15		1012.1 C	00 -37	0
23 020 05	F	1011.8 ESE	06 -23 -23	-29 10
24 080 15		1016.5 ESE	04 -12 -12	-17 9
25 UNL 15		1009.0 E	05 -15 -15	-21 4
26 035 05	S-	1012.9 E	04 -16 -16	-22 10
27 080 15		1017.9 N	00 -07 -07	-14 9
28 010 03	S-	1008.2 ESE	05 -12 -12	-17 10
29 UNL 15		999.7 SE	02 -34 -34	-37 4
30 008 03	S-	994.9 ESE	06 -18 -17	-22 10
31 UNL 15		999.4 E	05 -27 -27	-38 3
AVG		1010.3	05 -10 -10	-15 07

EUREKA NMT
OCTOBER 1959 1600 EST

01 005 03	S-	1005.8 WNW	12 09 09	06 9
02 080 20		1006.9 N	14 09 09	06 8
03 180 20		1003.6 WNW	30 07 07	04 7
04 080 20		1007.5 N	05 03 03	-01 9
05 080 20		1017.4 ESE	08 -02 -02	-05 8
06 UNL 20	1/2F	1017.4 WNW	11 03 03	00 0
07 000 00	1/2F	1012.0 W	07 -07 -07	-11 10
08 005 03	F	1016.3 WNE	04 -07 -07	-11 9
09 010 06	S-	1014.9 WNW	05 01 00	-07 8
10 010 06	S-	1014.1 C	00 02 02	-01 10
11 005 05	1C F	1013.7 SE	05 -11 -11	-16 8
12 015 10		1016.0 C	00 02 02	-03 10
13 UNL 20		1017.3 NE	05 -16 -16	-18 2
14 010 15		1017.7 SE	05 -11 -11	-16 10
15 010 10		1016.2 ESE	04 -16 -16	-20 10
16 UNL 15		1018.0 C	00 -21 -20	-22 1
17 040 15		1013.6 NE	03 -10 -10	-15 8
18 020 10	S-	1004.8 SE	04 -03 -03	-05 10
19 UNL 10		1001.3 E	06 -02 -02	-06 6
20 080 15		1002.8 C	00 -17 -17	-21 7
21 UNL 15		1008.9 C	00 -31 -31	-32 2
22 UNL 15		1012.4 C	00 -38	1
23 080 10		1012.8 NE	03 -20 -20	-25 7
24 080 15		1017.2 E	05 -20 -20	-24 9
25 UNL 15		1007.6 E	05 -19 -19	-24 0
26 035 10	S-	1015.3 E	05 -13 -13	-19 9
27 080 15		1015.7 N	04 -09 -09	-15 7
28 010 02	S-	1006.1 ESE	05 -13 -13	-19 9
29 UNL 15		999.7 SE	05 -34 -34	-40 4
30 008 03	S-	994.4 SE	10 -14 -14	-20 10
31 UNL 15		1000.7 ESE	02 -28 -29	-39 3
AVG		1010.6	05 -11 -11	-15 07

Date	Calling (100° ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Wind Gust (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT
OCTOBER 1959 1900 EST

SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (1000 ft.)	Visibility (initial)	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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Date	Calling (1000 ft.)	Visibility (initial)	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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Date	Calling (1000 ft.)	Visibility (initial)	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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Date	Calling (1000 ft.)	Visibility (initial)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (height)
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EUREKA NMT
NOVEMBER 1959 0100 EST

01 080 15	1009.2	ESE	04	-23	-23	-29	10			
02 UNL 15	1011.5	C	00	-35	-35	-41	0			
03 015 10	1010.6	C	00	-33	-33	-42	0			
04 030 03	1004.7	C	00	-19	-19	-27	2			
05 010 03	997.4	E	04	-17	-17	-25	10			
06 UNL 10	999.6	ESE	02	-18	-18	-25	2			
07 UNL 10	1005.4	E	09	-08	-09	-14	3			
08 025 05	1009.1	ESE	10	-20	-20	-23	7			
09 UNL 10	1018.9	E	05	-31	-31	-40	2			
10 UNL 08	1025.5	C	00	-45	-45	-52	0			
11 UNL 10	1030.7	SE	03	-44	-44	-52	2			
12 UNL 20	1037.7	SE	04	-42	-42	-50	4			
13 UNL 20	1039.0	C	00	-49	-49	-56	0			
14 UNL 20	1029.5	C	00	-22	-22	-26	3			
15 010 03	1028.5	ESE	14	-21	-21	-28	10			
16 080 20	1031.2	ESE	07	-31	-31	-38	9			
17 UNL 20	1034.8	E	05	-26	-26	-32	3			
18 UNL 20	1043.2	NE	06	-27	-27	-35	1			
19 030 08	1031.9	SE	07	-11	-11	-17	10			
20 UNL 20	1027.3	SE	08	-13	-13	-18	0			
21 080 20	1027.5	SE	10	23	23	21	7			
22 000 00	1028.4	NE	04	-01	-01	-05	10			
23 UNL 15	1020.6	E	10	-05	-05	-11	0			
24 UNL 10	1017.3	E	06	-03	-04	-08	3			
25 080 15	1016.9	SE	04	-09	-09	-15	9			
26 020 10	1013.6	NW	07	00	00	-04	10			
27 UNL 10	1005.5	SE	07	-08	-08	-12	3			
28 040 05	999.9	N	08	-10	-10	-15	10			
29 UNL 10	999.0	NNE	06	-19	-19	-27	2			
30 UNL 15	1006.3	SE	04	-33	-33	-42	0			

AVG 1018.2 05 -20 04

EUREKA NMT
NOVEMBER 1959 0400 EST

01 UNL 15	1004.7	C	00	-23	-22	-27	3			
02 UNL 15	1011.5	ESE	05	-34	-34	-44	0			
03 040 10	1009.2	ESE	05	-29	-29	-40	6			
04 030 03	1005.3	C	00	-19	-19	-23	8			
05 010 03	996.7	C	00	-18	-18	-26	10			
06 UNL 10	999.9	ESE	10	-11	-11	-18	4			
07 UNL 10	1006.7	SE	09	-12	-12	-18	5			
08 UNL 05	1010.4	SE	08	-16	-16	-24	3			
09 UNL 10	1020.0	E	05	-35	-35	-45	2			
10 UNL 10	1025.7	C	00	-44	-44	-52	0			
11 UNL 10	1031.8	C	00	-45	-45	-52	2			
12 UNL 20	1032.8	SE	04	-38	-38	-46	4			
13 UNL 20	1039.6	E	00	-41	-41	-50	1			
14 UNL 20	1028.5	ESE	05	-28	-28	-36	3			
15 080 10	1030.8	ESE	11	-24	-24	-32	7			
16 080 20	1030.1	ESE	05	-34	-34	-42	9			
17 080 20	1036.3	ESE	05	-21	-21	-26	8			
18 UNL 20	1044.0	SE	02	-32	-32	-38	0			
19 040 10	1031.0	C	00	-08	-08	-15	9			
20 UNL 20	1027.8	ESE	05	-08	-08	-14	1			
21 080 20	1028.1	SE	11	22	22	21	7			
22 005 00	1027.0	NE	03	-07	-08	-13	10			
23 UNL 15	1020.6	E	04	-14	-14	-20	0			
24 UNL 20	1017.3	NE	06	-10	-10	-17	2			
25 035 05	1017.3	C	00	-04	-04	-10	10			
26 020 10	1012.7	NW	06	03	03	-01	10			
27 080 10	1004.2	SE	05	-09	-10	-15	6			
28 030 08	996.3	N	08	-07	-07	-13	10			
29 UNL 10	999.6	NNE	04	-18	-18	-26	2			
30 UNL 15	1006.6	ESE	08	-37	-37	-46	0			

AVG 1018.4 04 -20 05

EUREKA NMT
NOVEMBER 1959 0700 EST

01 090 10	1005.9	C	00	-19	-19	-24	10			
02 UNL 15	1011.9	SE	02	-33	-33	-42	0			
03 015 10	1007.4	SE	04	-24	-24	-34	9			
04 030 03	1005.1	NW	06	-14	-14	-21	6			
05 UNL 10	996.5	C	00	-16	-16	-24	3			
06 005 01	1000.8	ESE	07	-17	-17	-25	11			
07 010 05	1006.9	ESE	07	-14	-14	-18	10			
08 UNL 05	1011.3	SE	08	-14	-14	-19	4			
09 UNL 10	1020.9	ESE	06	-37	-37	-46	0			
10 UNL 10	1026.8	C	00	-46	-46	-54	0			
11 UNL 10	1032.3	C	00	-44	-44	-52	2			
12 UNL 20	1039.5	E	03	-38	-38	-46	2			
13 UNL 20	1039.7	C	00	-44	-44	-52	2			
14 040 15	1027.4	SE	07	-26	-26	-36	9			
15 UNL 10	1032.7	E	05	-28	-28	-36	3			
16 080 20	1029.0	C	00	-25	-25	-32	8			
17 080 20	1037.5	ESE	03	-21	-21	-28	8			
18 UNL 20	1043.8	SE	05	-35	-35	-41	0			
19 080 15	1030.4	ESE	07	-10	-11	-17	6			
20 UNL 20	1028.2	ESE	04	06	06	02	1			
21 UNL 20	1031.2	NW	13	12	12	09	3			
22 005 00	1025.2	E	03	-07	-08	-13	10			
23 UNL 15	1019.9	E	04	-14	-14	-21	0			
24 080 15	1016.9	E	05	-06	-07	-12	8			
25 030 10	1017.4	C	00	-04	-04	-10	9			
26 020 10	1011.4	W	08	03	03	-02	10			
27 UNL 10	1002.6	E	05	-11	-11	-17	6			
28 040 05	999.9	N	08	-11	-11	-18	10			
29 UNL 10	1000.7	NNE	07	-26	-26	-35	0			
30 UNL 15	1006.9	ESE	07	-40	-40	-49	0			

AVG 1018.5 05 -20 05

EUREKA NMT
NOVEMBER 1959 1000 EST

01 UNL 15	1007.6	C	00	-18	-18	-26	3			
02 UNL 15	1012.2	SE	02	-32	-31	-36	2			
03 015 10	1006.0	C	00	-24	-24	-32	9			
04 080 10	1004.9	C	00	-17	-16	-20	9			
05 010 02	996.4	C	00	-15	-15	-23	10			
06 005 02	1001.7	E	04	-09	-09	-15	10			
07 JML 08	1007.2	E	06	-18	-18	-26	2			
08 UNL 08	1012.6	SE	09	-16	-16	-24	4			
09 UNL 10	1022.0	E	05	-38	-38	-46	1			
10 UNL 20	1027.5	C	00	-42	-42	-50	4			
11 UNL 20	1032.9	C	00	-43	-43	-51	2			
12 UNL 20	1034.5	C	00	-38	-38	-46	2			
13 UNL 20	1038.9	SE	03	-42	-42	-50	1			
14 080 20	1029.8	ESE	05	-25	-25	-35	9			
15 UNL 20	1034.1	ESE	05	-34	-34	-44	0			
16 UNL 20	1028.9	C	00	-22	-22	-31	3			
17 040 10	1038.1	C	00	-23	-23	-30	9			
18 040 10	1042.6	C	00	-32	-32	-41	9			
19 UNL 20	1029.6	ESE	07	-13	-13	-19	3			
20 UNL 20	1030.2	SE	06	07	07	04	1			
21 080 20	1032.5	NW	09	08	08	05	7			
22 005 00	1023.7	ESE	04	-08	-08	-14	10			
23 UNL 20	1019.9	E	03	-15	-15	-23	0			
24 UNL 20	1016.1	E	02	-00	-01	-05	8			
25 035 05	1016.6	NW	04	-05	-05	-11	10			
26 UNL 10	1010.3	W	04	03	03	-01	4			
27 080 10	1000.8	ESE	07	-14	-14	-20	6			
28 040 10	995.6	N	01	-12	-13	-19	10			
29 UNL 20	1002.3	ENE	02	-30	-31	-42	0			
30 UNL 15	1006.4	ESE	09	-41	-41	-49	0			

AVG 1018.7 04 -20 05

EUREKA NMT
NOVEMBER 1959 1300 EST

01 UNL 15	1008.7	C	00	-24	-25	-32	4			
02 UNL 15	1012.2	ESE	02	-29	-29	-40	2			
03 005 03	1004.4	C	00	-20	-20	-29	10			
04 025 10	1003.8	C	00	-15	-15	-18	10			
05 005 02	996.6	SE	03	-12	-12	-18	10			
06 010 05	1002.4	ESE	05	-12	-12	-18	10			
07 080 07	1007.5	ESE	07	-19	-20	-27	7			
08 UNL 03	1014.2	ESE	08	-21	-21	-28	4			
09 UNL 08	1023.2	C	00	-40	-40	-48	0			
10 080 07	1027.9	C	00	-40	-40	-48	0			
11 UNL 20	1032.9	C	00	-45	-45	-53	0			
12 UNL 20	1039.3	C	00	-37	-37	-45	2			
13 080 20	1037.7	C	00	-37	-37	-45	8			
14 010 03	1025.0	ESE	06	-20	-20	-29	10			
15 080 08	1034.6	ESE	08	-37	-37	-45	6			
16 080 20	1029.3	ESE	06	-19	-19					

SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (100° R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT
DECEMBER 1959 0100 EST

01 UNL 15			1002.1 E	08	-26	-26	-36	5		
02 UNL 15			999.6 ESE	13	-22	-23	-31	3		
03 UNL 15			998.4 ESE	02	-33	-33	-42	3		
04 UNL 15			997.7 C	00	-33	-33	-42	4		
05 UNL 15			1002.3 ESE	00	-30	-30	-42	2		
06 UNL 15			1005.8 ESE	03	-33	-33	-39	3		
07 UNL 15			1014.3 F	03	-30	-30	-42	8		
08 UNL 07			1027.1 SE	15	-22	-23	-31	8		
09 UNL 15			1026.2 NNE	04	-10	-10	-17	10		
10 UNL 15			1018.8 ESE	04	-25	-25	-35	6		
11 UNL 15	IC		1010.2 E	04	-25	-26	-38	3		
12 UNL 02	S-BS		998.3 W	10	02	02	-02	10		
13 UNL 07			1014.1 SE	13	-25	-25	-35	10		
14 UNL 20			1021.5 NE	06	-34	-34	-44	0		
15 UNL 01	BS		1005.4 ESE	13	-04	-04	-10	10		
16 UNL 01	BS		1004.4 WNW	08	-11	-12	-17	8		
17 UNL 15			1015.1 C	00	-41	-41	0	0		
18 UNL 15			1019.0 SE	02	-44	-44	5	5		
19 UNL 01	S-BS		1019.6 ESE	13	-32	-32	-41	8		
20 UNL 15			1008.9 ENE	04	-35	-35	-45	0		
21 UNL 15			1005.9 E	02	-33	-33	-42	2		
22 UNL 10	S-		1013.7 ESE	06	-27	-28	-38	10		
23 UNL 15			1013.0 ESE	06	-42	-42	2	2		
24 UNL 15			1006.7 SE	02	-47	-47	10	10		
25 UNL 10	S-		1025.4 ESE	04	-32	-32	7	7		
26 UNL 10	IC		1007.7 C	00	-29	-29	-40	7		
27 UNL 08	IC		1017.3 E	03	-38	-38	0	0		
28 UNL 15			1014.0 C	00	-48	-48	0	0		
29 UNL 10	IC		1013.4 C	00	-38	-38	6	6		
30 UNL 10	S-		1011.8 SE	03	-34	-34	10	10		
31 UNL 15	IC		1012.7 ESE	08	-34	-34	0	0		
AVG			1010.6	05	-30	-30	05	05		

EUREKA NMT
DECEMBER 1959 0400 EST

01 UNL 15	S-		1000.7 E	05	-22	-22	-31	10		
02 UNL 10	S-		999.8 ESE	12	-24	-24	-36	8		
03 UNL 15			999.5 E	09	-36	-36	3	3		
04 UNL 15			998.4 ESE	06	-28	-28	-39	6		
05 UNL 15			1003.5 SE	02	-36	-36	2	2		
06 UNL 15			1007.2 ENE	02	-36	-36	3	3		
07 UNL 10	IC		1015.9 E	00	-29	-29	-37	10		
08 UNL 07			1028.4 ESE	17	-16	-16	-24	10		
09 UNL 15			1025.3 C	00	-14	-14	-20	3		
10 UNL 20			1018.1 ESE	04	-22	-22	-33	6		
11 UNL 15			1008.7 E	02	-22	-22	-31	3		
12 UNL 03	BS		1001.3 W	13	-08	-09	-14	3		
13 UNL 07			1015.0 SE	13	-26	-26	-36	10		
14 UNL 20			1021.4 NE	04	-37	-37	0	0		
15 UNL 02	BS		1003.9 SE	10	00	00	-05	10		
16 UNL 03	BS		1006.3 WNW	18	-14	-14	-20	4		
17 UNL 15			1015.5 ESE	05	-43	-43	0	0		
18 UNL 15			1020.1 ESE	04	-39	-39	7	7		
19 UNL 01	S-BS		1019.5 SE	15	-31	-31	-40	8		
20 UNL 15			1007.8 WNW	02	-35	-35	0	0		
21 UNL 15			1010.2 E	01	-35	-35	-41	2		
22 UNL 10	S-		1014.7 W	02	-27	-27	-38	10		
23 UNL 15			1012.5 ESE	04	-42	-42	0	0		
24 UNL 15			1006.2 ESE	02	-47	-47	0	0		
25 UNL 10	S-		1006.2 SE	02	-28	-28	-33	8		
26 UNL 10	S-		1009.4 C	00	-29	-29	-40	7		
27 UNL 08	IC		1017.3 E	07	-39	-39	0	0		
28 UNL 15			1013.9 E	02	-47	-47	0	0		
29 UNL 15	IC		1013.3 NE	02	-39	-39	0	0		
30 UNL 10	S-		1012.7 ESE	10	-33	-33	10	10		
31 UNL 15	IC		1012.0 ESE	03	-34	-34	0	0		
AVG			1011.0	06	-30	-30	05	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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EUREKA NMT
DECEMBER 1959 0700 EST

01 UNL 10	S-		999.8 E	03	-21	-21	-30	5		
02 UNL 20			994.2 ESE	09	-27	-27	-38	2		
03 UNL 10	S-		999.5 ESE	02	-31	-31	-40	10		
04 UNL 15			998.9 E	03	-27	-27	-39	3		
05 UNL 15			1004.7 C	00	-42	-42	2	2		
06 UNL 15			1007.5 ESE	07	-30	-30	-39	10		
07 UNL 10	IC		1016.8 C	00	-29	-30	-40	6		
08 UNL 01	BS		1028.9 SSE	22	-12	-12	-18	10		
09 UNL 15			1023.8 ESE	02	-14	-14	-20	6		
10 UNL 10	S-		1016.7 ESE	04	-22	-22	-33	6		
11 UNL 15			1006.5 C	00	-11	-11	-18	10		
12 UNL 00	1/2BS		1004.6 W	23	-13	-13	-19	3		
13 UNL 10			1015.6 ESE	09	-27	-27	-38	9		
14 UNL 20			1020.6 ENE	06	-35	-35	1	1		
15 UNL 02	BS		1002.9 SE	19	-02	-02	-02	10		
16 UNL 01	BS		1008.4 WNW	22	-16	-16	-26	4		
17 UNL 15			1015.4 C	00	-41	-41	0	0		
18 UNL 15			1020.5 ESE	02	-41	-41	2	2		
19 UNL 01	S-BS		1018.7 SE	13	-29	-29	-40	8		
20 UNL 15			1007.3 C	00	-38	-38	0	0		
21 UNL 15			1010.4 C	00	-37	-37	1	1		
22 UNL 15			1015.0 C	00	-26	-26	-36	4		
23 UNL 15			1011.2 ESE	05	-42	-42	0	0		
24 UNL 15			1005.9 ESE	04	-48	-48	0	0		
25 UNL 15	S-		1006.8 C	00	-25	-25	-35	10		
26 UNL 15			1010.5 W	04	-31	-31	-40	0		
27 UNL 08			1017.1 ESE	06	-44	-44	0	0		
28 UNL 15			1015.2 C	00	-44	-44	0	0		
29 UNL 15	IC		1012.9 ESE	03	-43	-43	0	0		
30 UNL 15			1013.3 ESE	06	-38	-38	3	3		
31 UNL 15	IC		1011.0 ESE	03	-34	-34	0	0		
AVG			1011.0	06	-30	-30	04	04		

EUREKA NMT
DECEMBER 1959 1000 EST

01 UNL 10	S-		997.9 E	04	-20	-20	-27	10		
02 UNL 20			999.7 ESE	10	-30	-30	-42	0		
03 UNL 10	S-		998.9 C	00	-28	-28	-39	10		
04 UNL 15			999.2 SE	09	-23	-24	-32	9		
05 UNL 15			1004.9 E	03	-39	-39	2	2		
06 UNL 15			1008.0 E	06	-35	-35	-45	2		
07 UNL 15	S-		1018.3 ENE	05	-29	-29	-37	3		
08 UNL 01	BS		1029.9 SE	15	-10	-10	-17	10		
09 UNL 15			1021.7 SE	04	-13	-13	-19	2		
10 UNL 10	S-		1014.8 C	00	-20	-20	-29	4		
11 UNL 00	1/2BS		1003.4 SE	12	-01	-01	-06	10		
12 UNL 00	1/2BS		1008.1 W	23	-20	-20	-29	2		
13 UNL 05	BS		1016.0 SE	16	-27	-27	-38	7		
14 UNL 20			1018.5 NE	07	-37	-37	3	3		
15 UNL 10			1002.0 S	04	03	03	-02	10		
16 UNL 05	BS		1010.1 WNW	24	-21	-21	-30	2		
17 UNL 15			1015.6 ESE	06	-43	-43	0	0		
18 UNL 15			1020.2 ESE	05	-39	-39	0	0		
19 UNL 10	S-		1017.1 SE	08	-28	-29	-39	6		
20 UNL 15			1007.1 E	03	-32	-32	-41	9		
21 UNL 15			1010.7 ESE	06	-35	-35	-45	4		
22 UNL 15			1015.0 WNW	11	-20	-20	-29	1		
23 UNL 15			1010.0 E	09	-42	-42	0	0		
24 UNL 15			1005.6 E	05	-46	-46	0	0		
25 UNL 10	IC		1007.4 WNW	04	-26	-26	-36	3		
26 UNL 15			1012.2 S	04	-33	-33	-42	0		
27 UNL 15			1016.3 ESE	04	-45	-45	0	0		
28 UNL 15	IC		1015.2 E	05	-42	-42	0	0		
29 UNL 10	IC		1012.2 SE	05	-37	-37	7	7		
30 UNL 15	IC		1014.1 C	00	-40	-40	1	1		
31 UNL 15	IC		1009.1 E	05	-49	-49	0	0		
AVG			1010.8	07	-29	-29	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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EUREKA NMT
DECEMBER 1959 1300 EST

01 UNL 07	S-		996.3 ESE	04	-18	-18	-25	10		
02 UNL 20			994.9 ESE	08	-31	-32	-43	2		
03 UNL 05	S-		998.9 C	00	-25	-25	-35	10		
04 UNL 10	S-		999.4 ESE	07	-22	-22	-29	10		
05 UNL 15			1005.1 ESE	05	-42	-42	2	2		
06 UNL 15			1009.0 E	04	-33	-34	-42	2		
07 UNL 15	IC		1019.8 SE	03	-34	-34	-40	2		
08 UNL 05	BS		1029.7 SE	23	-10	-11	-17	2		
09 UNL 15	IC		1020.5 NE	04	-14	-14	-20	2		
10 UNL 10	S-		1013.3 C	00	-20	-20	-29	4		
11 UNL 03	S-BS		1000.2 SE	16	01	00	-03	10		
12 UNL 03	BS		1009.5 WNW	20	-24	-24	-34	2		
13 UNL 05	BS		1016.2 SE	15	-26	-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 (tenths)
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ISACHSEN NWT
JULY 1959 0200 MST

01 UNL 15	1014.1 W	06	36	35	34	3				
02 090 15	1011.9 E	08	41	39	36	10				
03 090 15	1010.8 E	08	43	42	40	9				
04 UNL 15	1009.4 S	08	39	38	36	6				
05 UNL 15	1007.8 E	07	48	45	42	0				
06 UNL 15	1007.7 ENE	09	50	45	40	3				
07 UNL 15	1008.7 S	06	44	41	38	0				
08 200 15	1011.2 SW	05	48	43	37	6				
09 220 15	1011.6 N	10	44	41	38	8				
10 110 15	1010.1 E	03	40	38	35	8				
11 003 02	F 1008.0 SSE	02	38	37	35	10				
12 070 15	1007.6 SW	04	43	42	41	9				
13 030 15	1010.6 NNW	14	39	38	36	10				
14 UNL 15	1014.0 N	12	37	35	32	0				
15 140 15	1012.1 E	18	44	41	37	7				
16 UNL 15	1011.3 SE	05	45	41	37	1				
17 180 15	1012.6 NNW	18	36	35	33	9				
18 010 15	1007.2 NNW	20	36	35	33	10				
19 004 15	1004.9 N	14	33	32	31	10				
20 006 15	1009.1 NNW	15	33	32	31	10				
21 003 05	F 1008.1 S	05	34	32	30	10				
22 002 15	1013.3 NW	15	34	34	33	10				
23 200 15	1016.6 N	10	32	32	32	7				
24 UNL 15	1013.4 NW	05	39	38	36	2				
25 UNL 15	1011.7 S	06	41	38	35	0				
26 UNL 15	1012.6 S	05	45	42	39	4				
27 UNL 15	1008.5 ENE	10	45	43	41	2				
28 070 15	1011.6 NE	09	45	43	41	8				
29 UNL 15	1010.5 NNW	22	32	31	28	1				
30 003 08	1010.8 N	25	34	33	32	10				
31 003 03	F 1009.6 NNW	25	33	33	32	10				
AVG	1010.4	11	40	38	36	06				

ISACHSEN NWT
JULY 1959 0500 MST

01 UNL 15	1014.2 NE	02	39	37	34	3				
02 010 01	R-F 1012.1 SSW	05	41	41	41	10				
03 120 15	1010.2 E	02	43	41	39	7				
04 UNL 15	1008.7 S	09	42	40	38	5				
05 UNL 15	1007.7 E	14	49	45	41	0				
06 UNL 15	1007.7 E	10	54	48	43	3				
07 UNL 15	1009.1 SSE	05	48	44	40	0				
08 140 15	1010.9 M	08	49	45	41	6				
09 220 15	1011.2 N	12	42	40	38	8				
10 080 15	1009.7 E	01	43	40	38	9				
11 010 10	1007.3 E	06	43	41	39	9				
12 060 10	1012.7 SW	01	44	42	41	9				
13 002 10	L- 1011.2 NNW	12	38	37	36	10				
14 UNL 15	1014.4 N	08	41	37	32	1				
15 220 15	1012.3 ESE	14	44	41	38	10				
16 UNL 15	1011.8 SSW	08	47	44	40	2				
17 UNL 15	1012.3 NNW	24	36	36	35	4				
18 006 15	1007.4 NNW	16	35	34	33	10				
19 005 15	1005.1 N	22	33	33	32	10				
20 003 08	S- 1008.3 NNW	10	35	35	32	10				
21 003 05	F 1008.4 NW	12	34	34	33	10				
22 010 08	1014.3 NW	07	33	33	32	10				
23 080 15	1016.5 N	08	35	33	29	9				
24 UNL 15	1013.2 WSW	08	39	36	36	1				
25 UNL 15	1011.7 C	00	44	41	39	0				
26 UNL 15	1008.7 SSW	06	44	41	37	1				
27 UNL 15	1009.0 ENE	08	46	44	41	3				
28 070 15	1011.7 N	14	43	42	40	7				
29 UNL 15	1010.2 N	11	35	34	31	2				
30 UNL 15	1011.4 N	25	37	36	30	5				
31 003 03	F 1009.2 NNW	25	32	32	32	10				
AVG	1010.4	10	41	39	37	06				

ISACHSEN NWT
JULY 1959 0800 MST

01 UNL 15	1013.9 N	08	43	41	38	3				
02 012 03	R-F 1012.3 S	06	40	39	39	10				
03 070 15	1009.5 S	05	46	43	40	8				
04 UNL 15	1008.6 S	10	45	41	37	3				
05 UNL 15	1007.6 SE	06	53	47	41	7				
06 UNL 15	1007.0 E	16	57	48	40	4				
07 UNL 15	1009.0 S	07	52	46	40	1				
08 120 15	1010.1 N	10	50	45	39	6				
09 180 15	1011.2 NNW	05	45	42	39	8				
10 140 15	1009.5 S	08	42	40	38	9				
11 010 10	R- 1007.0 S	03	44	43	42	9				
12 060 15	1007.2 W	08	45	44	42	9				
13 010 15	1013.6 NNW	08	38	37	34	10				
14 UNL 15	1014.0 NNE	15	45	39	30	2				
15 UNL 15	1012.2 SSE	12	48	43	37	8				
16 120 15	1011.9 S	04	50	46	42	9				
17 UNL 15	1011.7 NNW	20	43	40	36	5				
18 006 15	1006.1 NNW	30	35	34	33	10				
19 008 15	1005.6 N	20	34	33	31	9				
20 007 15	1008.1 NNW	12	36	35	34	10				
21 006 12	1009.6 NW	12	36	35	34	10				
22 003 08	1014.6 NW	12	33	32	31	9				
23 UNL 15	1016.2 NNW	08	39	37	36	4				
24 UNL 15	1012.3 NNW	05	45	42	38	2				
25 UNL 15	1011.0 SSE	05	48	44	40	4				
26 UNL 15	1008.5 SSW	05	48	45	43	4				
27 060 15	1009.3 ENE	11	51	47	44	7				
28 UNL 15	1011.4 NW	18	47	45	42	3				
29 UNL 15	1009.5 N	16	37	35	32	2				
30 UNL 15	1011.1 N	25	40	36	30	4				
31 005 04	L-F 1007.6 NNW	35	35	34	33	9				
AVG	1010.1	12	44	41	37	06				

ISACHSEN NWT
JULY 1959 1100 MST

01 UNL 15	1013.2 N	13	47	43	38	4				
02 005 15	R- 1012.1 SSW	08	41	40	39	10				
03 040 15	1009.2 SSE	10	46	43	40	9				
04 040 15	1007.9 SSE	06	47	43	38	7				
05 UNL 15	1007.2 SSE	02	58	49	39	0				
06 UNL 15	1007.5 S	08	55	47	40	1				
07 UNL 15	1009.3 SW	08	51	45	39	1				
08 040 15	1011.0 NNW	15	51	46	40	9				
09 200 15	1010.9 NW	12	46	41	38	9				
10 140 15	1009.4 SSE	05	44	41	38	9				
11 010 15	1006.7 E	08	46	43	39	9				
12 020 15	1012.2 E	02	45	42	39	9				
13 010 10	1012.5 NW	10	37	36	34	10				
14 UNL 15	1013.7 ENE	14	49	42	34	2				
15 UNL 15	1011.4 SSE	14	51	45	40	7				
16 130 15	1011.6 SW	09	52	47	43	9				
17 UNL 15	1010.8 N	29	42	39	36	8				
18 008 15	1005.5 NNW	17	36	35	32	10				
19 025 15	1005.5 NNW	27	35	32	9					
20 009 15	1008.0 NW	09	36	34	32	10				
21 007 10	1008.8 NW	10	38	37	35	10				
22 020 15	1014.9 NNW	12	35	34	33	8				
23 UNL 15	1015.5 N	12	44	42	39	3				
24 UNL 15	1012.1 WSW	10	45	42	38	3				
25 UNL 15	1010.6 S	10	53	48	43	2				
26 050 15	1008.5 SW	08	47	45	42	9				
27 060 15	1007.7 ENE	08	50	47	44	10				
28 UNL 15	1011.5 NW	18	48	40	30	1				
29 UNL 15	1009.5 S	18	40	37	33	2				
30 UNL 15	1011.2 N	25	40	36	30	2				
31 005 10	1007.1 NNW	26	39	37	35	10				
AVG	1010.0	12	45	41	37	07				

ISACHSEN NWT
JULY 1959 1400 MST

01 200 15	1013.1 N	10	49	43	37	8				
02 003 15	1012.6 S	15	40	40	39	10				
03 UNL 15	1009.0 S	08	50	45	39	1				
04 120 15	1007.8 SW	08	52	47	43	6				
05 UNL 15	1007.5 E	10	57	48	39	0				
06 UNL 15	1007.9 SSW	08	52	45	37	1				
07 UNL 15	1010.0 SW	08	51	45	39	4				
08 030 15	1011.1 N	08	53	47	41	9				
09 140 15	1010.9 N	08	46	43	39	10				
10 030 15	1009.5 SW	06	43	41	38	10				
11 030 15	1007.0 ENE	03	48	43	38	9				
12 015 10	1007.7 S	02	43	42	41	9				
13 012 15	1013.3 NW	09	38	36	33	9				
14 UNL 15	1013.4 NE	20	48	42	35	3				
15 UNL 15	1011.2 SE	18	51	45	39	5				
16 100 15	1012.1 WSW	08	49	46	44	9				
17 007 10										

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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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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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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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 NMT
AUGUST 1959 0200 MST

01 010 04	S-F	1002.5	NW	10	32	32	32	10		
02 003 04	F	1007.5	ENE	06	33	33	33	10		
03 120 15		1009.5	NE	15	31	30	29	8		
04 080 15		1009.1	N	04	40	37	34	9		
05 080 15		1012.3	N	09	41	38	35	7		
06 005 15		1014.2	NNE	10	32	31	30	9		
07 060 15		1012.3	ENE	14	37	35	32	8		
08 010 10	R-	1010.0	SW	03	37	37	37	10		
09 080 15		1005.4	N	08	38	38	38	10		
10 010 15		1006.5	SE	08	37	35	34	9		
11 010 10	R-	1004.2	ENE	28	37	37	36	10		
12 060 15		1014.5	NE	15	38	37	36	9		
13 UNL 15		1015.8	NNE	15	33	32	31	4		
14 UNL 15		1017.3	NNW	15	32	31	29	6		
15 UNL 15		1018.9	N	12	33	32	31	3		
16 140 15		1022.7	ENE	04	36	35	34	9		
17 020 15		1022.4	ENE	05	39	38	38	10		
18 UNL 15		1022.4	NNW	10	30	29	28	1		
19 UNL 15		1021.4	N	06	27	26	25	5		
20 004 08		1021.7	SSE	04	31	31	31	10		
21 006 03	SW-F	1024.7	N	28	28	27	9			
22 100 15		1024.6	N	10	23	23	22	8		
23 UNL 15		1024.9	NNW	10	24	24	22	2		
24 170 15		1018.6	N	10	28	27	25	8		
25 UNL 15		1016.6	C	00	30	29	2			
26 UNL 15		1022.3	NNW	20	28	26	23	5		
27 UNL 15		1023.3	NNW	08	27	24	21	7		
28 120 15		1017.1	SW	08	27	26	24	10		
29 020 10	R	1005.4	SW	25	36	35	34	10		
30 170 15		1022.5	C	00	27	27	25	6		
31 001 00	1/4F	1021.5	W	02	26	25	25	10		
AVG		1015.9		10	32	31	30	07		

ISACHSEN NMT
AUGUST 1959 0800 MST

01 020 08	S-	1002.3	N	13	34	33	32	10		
02 120 15		1009.4	NNW	02	40	38	35	7		
03 090 15		1009.1	NE	09	32	31	30	9		
04 080 15		1009.2	E	05	40	38	35	9		
05 UNL 15		1013.4	N	08	42	39	36	2		
06 010 15		1013.4	NNE	08	36	36	36	10		
07 080 15		1011.8	E	12	40	38	34	9		
08 010 03	L-F	1008.7	E	03	39	39	39	10		
09 080 15	RM-	1004.2	ENE	12	43	41	38	10		
10 010 15		1006.9	E	08	38	36	33	9		
11 140 15		1006.9	E	28	38	38	38	10		
12 220 15		1015.1	NE	12	45	43	40	8		
13 220 15		1015.4	N	12	35	33	29	8		
14 080 15		1018.2	NNE	12	38	36	33	9		
15 UNL 15		1019.7	ENE	06	36	35	34	10		
16 140 15		1022.4	SW	06	34	34	33	10		
17 040 15		1022.4	N	02	41	39	36	10		
18 UNL 15		1022.5	NNW	03	34	33	31	2		
19 UNL 15		1021.1	NNW	03	30	29	28	1		
20 004 05	S-F	1022.6	WSW	05	30	30	29	10		
21 UNL 15		1025.0	C	00	31	30	27	3		
22 006 10		1023.8	NNE	06	26	23	20	10		
23 UNL 15		1023.8	NNW	10	27	27	25	5		
24 170 15		1017.3	N	05	29	28	26	8		
25 UNL 15		1017.9	W	02	37	34	29	1		
26 250 15		1023.7	N	25	34	31	26	8		
27 UNL 15		1023.9	C	00	32	29	26	10		
28 007 15		1014.9	SW	08	32	32	31	10		
29 015 10		1011.2	NNW	17	33	33	3	9		
30 090 15		1023.7	ENE	08	29	28	27	8		
31 140 00	1/4S-F	1020.0	SE	02	26	26	25	10		
AVG		1016.1		08	35	34	32	08		

ISACHSEN NMT
AUGUST 1959 1400 MST

01 010 15		1003.4	NNE	12	36	35	33	10		
02 140 15		1010.3	NNE	18	43	41	38	7		
03 060 15		1008.6	E	14	45	42	38	9		
04 120 15		1009.6	E	05	46	42	38	9		
05 UNL 15		1013.7	N	10	46	43	39	5		
06 010 15		1012.9	ENE	08	40	37	32	10		
07 020 15		1011.3	S	13	43	42	39	9		
08 020 15		1007.5	ENE	08	42	41	39	10		
09 040 15	R-	1004.8	NE	12	43	41	38	10		
10 020 15		1006.4	ENE	20	43	41	38	8		
11 080 15		1009.3	ESE	30	39	37	37	7		
12 120 15		1015.2	NNE	10	48	45	41	8		
13 UNL 15		1015.3	N	13	43	41	38	1		
14 018 15		1017.3	NNE	14	37	36	33	9		
15 UNL 15		1021.3	SE	04	41	39	36	8		
16 060 15		1022.3	C	00	39	38	36	10		
17 UNL 15		1022.2	NNW	08	44	41	39	5		
18 UNL 15		1022.2	NNW	10	37	36	33	1		
19 UNL 15		1020.0	SW	11	36	35	33	2		
20 010 15		1023.4	SW	06	34	33	32	8		
21 UNL 15		1024.7	NNW	06	38	36	33	0		
22 UNL 15		1024.2	N	08	32	31	29	3		
23 250 15		1022.1	N	12	39	36	32	10		
24 UNL 15		1016.3	C	00	42	39	35	1		
25 UNL 15		1019.0	N	15	43	38	30	1		
26 UNL 15		1025.1	N	25	40	37	34	1		
27 020 15		1021.8	SW	12	35	34	30	10		
28 080 15		1012.3	SSW	15	36	35	33	10		
29 080 15		1016.5	NNW	08	33	31	27	9		
30 020 15		1024.2	E	04	31	29	25	10		
31 001 08		1018.6	SW	10	31	31	31	10		
AVG		1016.2		11	40	37	34	07		

ISACHSEN NMT
AUGUST 1959 2000 MST

01 UNL 15		1005.1	N	08	34	34	33	5		
02 008 15		1010.4	N	10	32	31	29	8		
03 030 15		1008.9	ENE	13	41	38	33	9		
04 UNL 15		1010.9	C	00	45	42	38	2		
05 200 15		1014.2	N	14	38	36	33	9		
06 070 15		1012.4	ENE	10	39	36	31	9		
07 010 15		1011.2	SW	06	39	39	38	10		
08 UNL 15		1006.3	NE	08	42	40	39	3		
09 004 08	R-	1006.3	ENE	10	39	39	39	10		
10 030 10	R-	1005.5	NE	28	39	37	36	10		
11 020 15		1012.4	SE	21	40	38	35	8		
12 220 15		1013.1	N	15	45	42	38	8		
13 UNL 15		1016.2	NNW	12	40	38	36	2		
14 UNL 15		1018.1	NNW	10	39	37	35	4		
15 070 15		1022.0	C	06	42	40	38	8		
16 070 15		1022.2	C	00	40	40	39	10		
17 UNL 15		1022.0	NNW	10	39	38	36	2		
18 005 10		1021.8	NNW	03	31	31	31	9		
19 030 15		1020.5	W	07	35	34	33	7		
20 020 15		1023.6	N	08	34	33	32	10		
21 UNL 15		1024.4	NNW	11	30	30	29	5		
22 UNL 15		1024.5	N	12	30	30	28	3		
23 220 15		1020.3	NNE	05	33	33	31	8		
24 UNL 15		1015.8	ENE	02	33	32	31	1		
25 UNL 15		1021.1	N	18	34	31	25	2		
26 UNL 15		1026.0	N	12	34	31	24	1		
27 220 15		1017.7	WSW	08	28	25	21	10		
28 015 15		1008.6	S	16	35	34	32	9		
29 080 15		1020.2	NNW	02	31	30	25	8		
30 006 15		1022.9	C	00	31	29	25	9		
31 002 00	1/2F	1018.2	C	00	30	30	30	10		
AVG		1016.3		09	36	35	32	07		

ISACHSEN NMT
AUGUST 1959 0500 MST

01 032 04	S-F	1002.3	N	07	32	32	32	10		
02 090 10		1009.0	ENE	03	34	33	32	8		
03 020 15		1009.2	NNE	10	32	31	30	9		
04 080 15		1009.2	ESE	02	38	37	34	9		
05 UNL 15		1013.1	E	03	41	39	35	5		
06 160 15		1013.7	NNE	06	35	34	32	9		
07 060 15		1012.2	ENE	14	37	35	33	9		
08 005 02	R-F	1009.5	03	38	38	38	10			

SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Cloud (100% h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea Center (miles)
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ISACHSEN NMT
SEPTEMBER 1959 0200 MST

01 000 00	1/2F		1016.0 WSW	05	30	30	10			
02 UNL 15			1024.1 NNW	15	20	20	18	5		
03 015 06	S-		1014.5 WNW	10	26	26	25	10		
04 010 02	S-F		1012.2 S	12	26	26	25	10		
05 005 00	1/2F		1017.1 NNW	08	26	26	25	10		
06 006 02	IF		1010.5 NW	25	18	18	16	10		
07 001 01	IF		1009.4 N	25	15	15	13	10		
08 UNL 15			1008.3 N	13	20	19	16	3		
09 020 15			1006.0 NNW	16	17	17	13	9		
10 005 01	F		1005.1 N	18	17	17	15	10		
11 006 10			1007.5 N	14	17	17	14	9		
12 002 02	F		1009.6 NNW	28	25	25	24	10		
13 003 08	S-		1019.9 WNW	18	24	24	23	10		
14 003 01	S-F		1010.0 WSW	20	32	32	32	10		
15 030 12			1017.5 C	00	28	27	10			
16 025 15			1013.0 E	13	26	26	25	10		
17 001 00	1/2S-BS		996.6 NNE	32	29	28	27	10		
18 UNL 00	BS		1008.1 NNW	50	15	15	13	9		
19 015 06	BS		1014.7 NNW	20	12	12	08	10		
20 200 02	BS		1011.2 NNW	35	18	18	16	9		
21 004 00	1/2S-BS		1011.9 NW	25	14	14	11	10		
22 009 04	S-		1010.7 W	17	13	13	10	10		
23 UNL 05	IC		1001.4 E	05	08	08	05	4		
24 005 02	S-		998.5 C	00	09	09	06	10		
25 220 15			999.7 NE	17	15	14	11	7		
26 070 10			1004.2 E	14	14	14	11	10		
27 UNL 07	S-		1012.0 NE	12	18	18	16	10		
28 015 02	S-		1014.1 NNW	25	12	12	10	10		
29 017 02	S-		1013.0 NW	07	09	09	07	10		
30 UNL 15	IC		1014.8 N	23	05	05	02	6		
AVG			1010.4	17	18	18	16	09		

ISACHSEN NMT
SEPTEMBER 1959 0500 MST

01 002 01	ZL-F		1019.4 N	10	30	30	30	10		
02 060 15			1023.7 N	17	23	23	21	7		
03 010 10	S-		1013.7 NNW	12	28	27	27	10		
04 010 02	S-F		1012.6 S	14	26	26	25	10		
05 012 08			1016.9 N	07	27	27	26	9		
06 003 01	IF		1009.6 NW	23	21	21	20	10		
07 UNL 15			1010.1 NNW	22	13	13	11	1		
08 220 15			1008.2 NNW	15	18	17	14	6		
09 060 15			1005.6 N	18	17	16	15	10		
10 200 10			1005.3 N	18	18	17	15	6		
11 006 10	S-		1005.6 NNE	08	10	10	07	9		
12 090 12			1012.0 NNW	28	25	25	23	9		
13 008 05	F		1020.5 W	05	24	24	23	10		
14 001 00	1/2L-F		1010.2 W	16	32	33	32	10		
15 200 08			1018.8 C	00	27	27	26	10		
16 025 15			1010.6 E	20	26	26	25	10		
17 060 05	BS		998.6 N	28	23	23	21	10		
18 UNL 00	1/4BS		1010.6 NNW	40	16	16	14	9		
19 003 00	3/4F BS		1014.9 NNW	18	15	15	12	10		
20 006 00	1/2BS		1010.2 NNW	35	17	17	15	10		
21 030 06	S-BS		1012.0 NW	30	15	15	11	10		
22 005 01	S-		1010.0 NW	15	12	12	08	10		
23 150 02	S-F		1001.3 ESE	10	08	08	05	9		
24 005 02	S-		998.2 C	00	10	10	07	10		
25 250 12			1000.1 ENE	16	14	14	11	9		
26 070 15			1006.0 SSE	05	10	10	08	9		
27 020 03	S-		1013.3 NNW	07	16	16	14	10		
28 015 01	S-		1013.8 NNW	25	13	13	11	10		
29 015 10			1011.1 NNW	10	08	08	05	10		
30 UNL 10			1014.2 NNW	24	00	00	-02	6		
AVG			1010.7	17	18	18	16	09		

Date	Cloud (100% h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea Center (miles)
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ISACHSEN NMT
SEPTEMBER 1959 0800 MST

01 010 10			1020.7 N	12	27	27	26	10		
02 080 15			1022.4 N	18	26	25	24	7		
03 010 03	S-		1012.8 W	12	27	27	26	10		
04 010 02	S-F		1012.9 S	12	28	27	27	10		
05 010 10			1016.8 NNE	10	28	28	27	9		
06 004 01	S-F		1008.9 NNW	17	24	24	23	10		
07 UNL 15			1010.4 C	00	15	15	13	1		
08 220 15			1008.0 N	18	19	18	14	10		
09 060 15			1004.7 NNE	22	16	16	13	10		
10 006 01	F		1005.3 NNE	18	19	19	17	9		
11 002 05	S-F		1009.0 NNW	14	14	14	11	10		
12 090 12			1013.6 NNW	25	26	25	24	9		
13 004 08			1019.4 WSW	12	23	23	22	10		
14 002 05	S-		1010.5 W	20	32	32	32	10		
15 020 15			1018.8 NW	02	27	27	26	10		
16 001 01	S-		1007.4 ENE	24	25	25	24	10		
17 010 08			999.5 NNW	35	12	12	08	9		
18 UNL 00	1/4BS		1011.5 NNW	35	14	14	11	7		
19 008 00	1/4F BS		1014.3 NNW	25	14	14	11	10		
20 200 00	1/2BS		1009.3 NW	36	16	16	13	10		
21 020 04	BS		1012.3 NW	18	16	16	14	10		
22 005 01	S-		1008.0 NW	15	12	12	09	10		
23 070 03	S-F		1001.3 SE	08	08	08	05	9		
24 070 10			997.6 E	15	18	18	16	9		
25 010 01	S-		1000.1 ENE	16	20	20	18	10		
26 220 15			1007.1 C	00	06	06	03	7		
27 070 10			1013.9 NW	08	11	11	08	9		
28 010 01	S-		1012.8 NNW	20	10	10	07	10		
29 015 01	1/4S-		1010.7 NNW	12	08	08	06	10		
30 020 12			1013.4 NNW	25	04	04	01	9		
AVG			1010.4	17	18	18	16	09		

ISACHSEN NMT
SEPTEMBER 1959 1100 MST

01 010 15			1021.8 N	15	26	25	22	8		
02 UNL 15			1020.9 NNW	14	28	28	26	2		
03 010 03	S-		1011.9 WSW	15	29	27	27	10		
04 005 02	S-F		1013.5 S	10	29	29	29	10		
05 UNL 15			1016.8 N	12	21	21	19	2		
06 005 02			1008.2 NNW	23	27	27	26	10		
07 UNL 15	S-F		1010.0 NW	17	17	14	3			
08 220 15			1008.0 NNW	05	21	20	16	10		
09 220 15			1004.5 N	10	19	19	16	7		
10 010 10			1005.5 N	15	19	19	17	9		
11 008 08			1004.2 E	18	26	26	25	10		
12 008 10			1014.9 NNW	25	26	26	25	9		
13 010 15			1018.4 SW	15	22	22	20	10		
14 006 10			1010.0 W	20	32	32	32	10		
15 030 15			1018.6 E	02	28	28	26	9		
16 001 00	1/2S		1004.2 E	18	26	26	25	10		
17 015 01	BS		1000.9 NNW	30	12	12	08	8		
18 UNL 00	1/4BS		1012.4 NNW	38	15	15	13	9		
19 010 02	S-F		1013.6 NNW	23	16	16	14	10		
20 000 00	S-BS		1008.8 NW	38	16	16	14	10		
21 030 06	BS		1012.4 NNW	25	17	17	15	10		
22 004 01	S-		1006.6 NNW	10	11	12	09	10		
23 200 02	S-		1001.4 ENE	12	07	07	05	10		
24 010 01	S-		997.2 E	12	20	20	18	10		
25 030 12			999.5 ENE	20	20	20	18	9		
26 200 15			1007.7 N	05	07	07	04	8		
27 080 00	3/4F BS		1019.1 NNW	26	11	11	09	10		
28 003 01	S-F		1012.4 NNW	22	08	08	05	10		
29 030 04	S-		1010.7 NNW	15	08	08	05	10		
30 020 03	BS		1011.5 NNW	25	06	06	03	8		
AVG			1010.1	18	19	19	17	09		

Date	Cloud (100% h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea Center (miles)
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ISACHSEN NMT
SEPTEMBER 1959 1400 MST

01 008 15			1023.1 NNW	22	26	25	24	8		
02 120 15			1020.1 NNW	12	30	29	27	8		
03 010 02	S-F		1012.0 W	15	27	27	25	10		
04 003 06			1014.9 SW	05	30	30	30	10		
05 100 15			1015.9 N	22	20	19	17	9		
06 UNL 10			1008.3 N	25	23	22	20	4		
07 UNL 15			1009.5 N	25	18	17	14	4		
08 180 15			1007.7 NNW	11	22	21	17	10		
09 220 10			1004.3 N	14	20	20	18	7		
10 010 04	S-F		1008.6 N	12	20	19	15	9		
11 008 05	F		1008.5 N	08	24	24	23	10		
12 010 10			1016.6 NNW	15	24	24	23	9		
13 005 01	S-		10							

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 (Amount)
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ISACHSEN NWT
OCTOBER 1959 0200 MST

01 UNL 10			1006.9 NW	12	-05	-05	-09	3		
02 UNL 01	ICIF		1009.7 NW	05	01	01	-01	5		
03 UNL 00	1/4BS		1008.3 NNW	40	05	05	02	4		
04 UNL 10			1008.9 NNW	15	01	01	-02	2		
05 UNL 00	1/2BS		1012.8 N	30	02	02	00	5		
06 UNL 00	1/2BS		1022.3 NNW	35	-01	-01	-04	9		
07 014 02	S-IF		1019.9 N	15	02	02	00	7		
08 015 10	IC		1011.8 NNE	14	-01	-01	-04	8		
09 008 07	S-		1019.7 C	00	-04	-04	-08	10		
10 010 08	S-		1017.3 C	00	-06	-05	-08	10		
11 060 10	S-		1019.2 NNW	04	06	06	02	10		
12 020 05	S-		1019.4 WSW	06	-07	-07	-11	10		
13 020 07	S-		1016.2 SW	05	-03	-02	-06	10		
14 UNL 10	IC		1016.4 SSE	05	-11	-11	-15	2		
15 200 05	S-		1011.0 ENE	10	-01	-01	-03	8		
16 UNL 15	IC		1010.2 C	00	00	00	-04	5		
17 030 05	S-		1014.3 NNW	10	02	02	-01	10		
18 UNL 15			1008.1 C	00	-10	-10	-15	1		
19 UNL 10			1003.4 C	00	-20	-20	-24	4		
20 UNL 15			1002.3 C	00	-25	-25	-31	0		
21 UNL 15			1006.8 C	00	-26	-26	-32	2		
22 UNL 15	IC		1011.6 C	00	-25	-25	-31	1		
23 090 15	S-		1015.3 C	00	-19	-19	-29	9		
24 UNL 10	IC		1018.3 NNW	10	-19	-19	-24	8		
25 UNL 15			1015.8 C	00	-26	-26	-36	0		
26 UNL 15			1012.3 C	00	-28	-28	-36	4		
27 100 15	S-		1009.5 C	00	-22	-22	-31	1		
28 010 04	S-		1001.5 S	00	-11	-11	-17	10		
29 010 04	S-BS		1004.5 W	14	-04	-04	-10	9		
30 UNL 10	IC		998.3 W	10	-05	-05	-12	4		
31 100 02	S-		991.9 NNW	12	07	07	02	9		
AVG			1011.3	08	-08	-08	-13	06		

ISACHSEN NWT
OCTOBER 1959 0500 MST

01 020 01	BS		1006.3 N	23	-06	-06	-09	9		
02 UNL 01	F		1009.9 SE	02	-01	-01	-02	7		
03 090 00	1/4BS		1008.5 NNW	35	07	07	05	9		
04 UNL 12			1008.8 N	25	02	02	-01	5		
05 UNL 00	1/4BS		1013.5 NNW	35	01	01	-01	5		
06 UNL 02	BS		1022.9 NNW	20	01	01	-02	4		
07 020 01	IF BS		1014.8 NNE	25	02	02	00	7		
08 015 05	S-		1012.4 NNE	12	-02	-02	-05	7		
09 008 03	S-F		1019.6 SSE	09	-05	-05	-08	10		
10 010 12	S-		1017.0 C	00	-04	-03	-07	10		
11 UNL 15			1015.2 N	09	-01	-01	-05	2		
12 020 08	S-		1015.6 C	00	-07	-06	-10	10		
13 UNL 10	IC		1016.6 SW	08	-09	-08	-12	4		
14 UNL 10	IC		1019.3 C	00	-08	-08	-13	5		
15 020 05	S-		1010.1 SE	10	03	03	01	10		
16 090 15	IC		1011.6 N	10	02	02	-01	8		
17 030 05	S-		1013.2 NNW	12	03	03	00	10		
18 UNL 15			1007.4 C	00	-15	-15	-21	2		
19 090 10	IC		1009.0 C	00	-10	-10	-15	6		
20 UNL 15			1002.5 N	06	-25	-25	-31	2		
21 UNL 15			1007.9 C	00	-25	-25	-31	2		
22 UNL 15	S-		1011.9 C	00	-25	-25	-31	1		
23 UNL 15	IC		1015.9 C	00	-22	-22	-31	3		
24 090 05	ICIF		1018.1 N	11	-14	-14	-20	10		
25 UNL 15			1019.7 C	00	-08	-08	-13	5		
26 UNL 15	IC		1013.0 C	00	-27	-27	-38	3		
27 090 15	S-		1018.4 C	00	-18	-18	-25	10		
28 010 04	S-		1014.7 C	00	-10	-10	-16	10		
29 015 02	S-BS		1002.7 NNW	16	-01	-01	-07	10		
30 UNL 10	IC		997.1 SW	05	-05	-05	-12	4		
31 UNL 07	IC		992.2 N	20	03	03	-02	0		
AVG			1011.2	09	-08	-08	-13	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 (Amount)
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ISACHSEN NWT
OCTOBER 1959 0800 MST

01 070 10			1006.8 N	23	-02	-02	-06	9		
02 220 01	F		1009.9 N	15	-02	-02	-06	6		
03 250 00	1/4BS		1007.5 NNW	37	02	02	-01	9		
04 UNL 15			1009.3 N	19	02	02	-01	6		
05 250 00	1/4BS		1014.7 NNW	30	00	00	-03	7		
06 008 00	1/4IF	BS	1022.2 NNW	25	05	05	02	10		
07 005 01	IF	BS	1014.5 NNE	22	05	05	02	10		
08 UNL 02	F		1019.0 N	20	-04	-04	-07	4		
09 001 00	1/4F		1015.7 E	04	-04	-04	-07	10		
10 008 12	S-		1016.3 C	00	-01	-01	-05	10		
11 050 15	S-		1019.0 NNW	05	-03	-03	-07	9		
12 020 02	S-		1015.3 SSE	05	-01	-01	-05	10		
13 UNL 10	S-		1016.7 SW	02	-11	-11	-15	4		
14 030 02	S-		1014.7 SSE	04	-06	-06	-10	10		
15 020 05	S-		1009.1 ESE	12	04	04	01	10		
16 UNL 15	S-		1019.0 NNW	05	-03	-03	-07	9		
17 020 05	S-		1012.2 N	10	03	03	00	10		
18 090 15			1006.4 C	00	-18	-18	-25	9		
19 080 10	IC		1002.8 C	00	-09	-10	-15	9		
20 UNL 15			1002.7 N	05	-24	-24	-30	5		
21 UNL 15			1008.1 C	00	-26	-26	-32	1		
22 UNL 15			1012.1 C	00	-24	-24	-36	3		
23 UNL 15	IC		1016.3 NNW	07	-19	-20	-26	6		
24 UNL 05	IF		1017.6 N	10	-17	-17	-23	5		
25 UNL 15			1014.8 C	00	-27	-27	-35	2		
26 UNL 02	IF		1013.8 C	00	-28	-28	-34	9		
27 020 10	S-		1017.5 C	00	-17	-17	-23	10		
28 015 10	S-		1013.4 C	00	-09	-09	-15	10		
29 006 01	S-		1001.5 NW	14	-05	-05	-12	10		
30 070 10	IC		996.0 SW	08	-06	-06	-13	9		
31 UNL 10	S-		993.4 N	10	-01	-01	-06	8		
AVG			1011.1	09	-08	-08	-13	08		

ISACHSEN NWT
OCTOBER 1959 1100 MST

01 060 08			1007.4 N	20	04	04	01	9		
02 220 00	1/2IF		1009.9 N	12	00	00	-02	7		
03 015 00	1/4BS		1007.2 NNW	35	02	02	00	10		
04 220 15			1009.3 NNW	25	00	00	-02	7		
05 UNL 00	1/4BS		1016.2 N	30	01	01	-01	5		
06 010 00	1/4BS		1020.7 N	35	02	02	00	9		
07 015 03	F		1013.8 N	22	06	06	04	8		
08 UNL 03	F		1013.7 N	17	-04	-04	-07	4		
09 009 15	S-		1016.4 E	05	-06	-06	-09	9		
10 090 02	S-F		1016.3 C	00	00	01	-02	10		
11 050 10	S-		1015.0 C	00	-01	-01	-05	9		
12 080 02	S-		1015.1 S	05	-01	-01	-05	8		
13 UNL 10	S-		1016.8 C	00	-09	-09	-13	5		
14 090 10	S-		1014.2 SE	05	-05	-05	-09	8		
15 220 15			1008.4 ESE	12	05	05	02	7		
16 070 12	S-		1014.4 C	00	-05	-05	-09	9		
17 080 05	S-		1011.7 N	10	01	01	-02	10		
18 200 15	S-		1005.6 C	00	-13	-13	-19	10		
19 070 06	S-		1002.6 C	00	-09	-09	-13	9		
20 UNL 15			1002.7 C	00	-24	-24	-30	5		
21 UNL 15	IC		1008.5 ESE	08	-27	-27	-33	0		
22 UNL 15			1012.2 C	00	-23	-23	-30	1		
23 UNL 08	IF		1017.2 NNE	04	-22	-22	-27	2		
24 090 05	IF		1017.1 NW	10	-17	-17	-21	7		
25 UNL 15			1014.2 C	00	-29	-29	-40	1		
26 UNL 02	IF		1015.1 C	00	-28	-28	-34	6		
27 015 08	S-		1012.5 C	00	-15	-15	-19	10		
28 010 01	S-F		1012.5 NNW	12	-12	-12	-20	10		
29 008 01	S-F		1011.7 NNW	14	-06	-06	-09	10		
30 010 07	S-		995.2 C	00	-02	-02	-06	10		
31 UNL 15			995.1 ENE	06	-07	-07	-12	3		
AVG			1011.1	09	-08	-08	-12	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 (Amount)
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ISACHSEN NWT
OCTOBER 1959 1400 MST

01 080 02	IF		1008.1 NNW	18	04	04	02	9		
02 UNL 00	3/4IF		1010.1 N	18	00	00	-03	10		
03 UNL 00	1/4BS		1007.0 NNW	35	01	01	-01	5		
04 UNL 10			1010.3 N	22	01	01	-02	3		
05 UNL 00	1/4BS		1018.1 NNW	35	00	00	-02	5		
06 UNL 00	1/4BS		1020.4 N	27	-01	-01	-03	9		
07 UNL 00	1/4F		1013.3 N	22	04	04	02	9		
08 070 01	F		1014.5 N	12	-06	-06	-09	8		
09 010 15	IC		1016.7 C	00	-09	-09	-13	7		
10 070 15	IC		1016.4 C	00	-08	-0				

SYNOPTIC OBSERVATIONS

ISACHSEN

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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ISACHSEN NWT
NOVEMBER 1959 0200 MST

01 040 10	S-	1004.2 C	00 -07 -07 -13 10
02 UNL 15	IC	1012.0 C	00 -20 -20 -27 0
03 UNL 02	IF	1011.7 NNW	17 -22 -27 -27 9
04 UNL 01	IF	1007.9 NNW	08 -13 -13 -19 2
05 030 01	IF BS	1001.1 NN	18 -03 -03 -07 9
06 020 04	S-	1004.8 WSW	12 -09 -09 -13 10
07 UNL 10	S-	1009.1 W	12 -14 -14 -19 5
08 010 02	S-	1011.8 WSW	06 -15 -15 -19 10
09 045 04	S-	1016.7 C	00 -15 -15 -19 9
10 090 05	S-	1026.4 C	00 -28 -28 -34 8
11 035 10	S-	1031.0 C	00 -18 -18 -23 10
12 UNL 15	S-	1033.4 C	00 -24 -24 -32 0
13 UNL 15	S-	1038.5 C	00 -36 -36 -42 0
14 010 02	S-	1029.6 C	00 -23 -23 -29 10
15 070 15	S-	1027.8 SE	09 -13 -13 -20 7
16 080 15	S-	1032.0 SW	09 -17 -17 -23 9
17 UNL 10	S-	1034.1 S	10 -17 -17 -23 9
18 UNL 15	IC	1039.9 C	00 -22 -22 -29 0
19 020 02	BS	1023.1 ENE	28 03 03 -02 10
20 090 10	S-	1019.8 SE	25 10 10 06 6
21 UNL 15	S-	1031.8 C	00 -18 -18 -26 0
22 020 01	IF	1022.9 E	10 16 16 13 9
23 UNL 15	S-	1015.4 ENE	15 05 05 00 0
24 020 10	S-	1014.5 S	05 13 12 05 9
25 UNL 15	IC	1014.3 ESE	05 -06 -06 -13 0
26 020 04	S-	1014.0 WSW	07 -06 -06 -12 10
27 UNL 12	IC	1012.0 NW	05 -26 -26 -30 0
28 UNL 15	IC	1000.5 C	00 -30 -30 -36 0
29 UNL 02	BS	1001.5 NW	18 -18 -18 -25 0
30 UNL 10	S-	1006.9 N	10 -19 -19 -24 4

AVG 1018.3 07 -13 -13 -18 05

ISACHSEN NWT
NOVEMBER 1959 0500 MST

01 040 10	S-	1005.2 C	00 -07 -07 -14 10
02 UNL 15	IC	1012.5 C	00 -20 -20 -25 0
03 UNL 04	IF	1010.6 NNE	05 -22 -22 -27 2
04 080 00	3/4IF	1007.6 NNW	10 -11 -11 -16 10
05 002 00	1/4S-BS	1000.6 NW	30 -05 -05 -09 10
06 008 02	S-	1004.7 WSW	10 -07 -07 -10 10
07 040 06	S-	1009.3 W	12 -15 -15 -20 9
08 010 02	S-	1011.9 WSW	13 -12 -12 -17 10
09 045 06	S-	1017.3 C	00 -14 -14 -19 10
10 090 05	S-	1027.2 C	00 -24 -24 -30 10
11 035 08	S-	1031.6 NNW	10 -12 -12 -17 10
12 UNL 15	S-	1034.3 C	00 -25 -25 -31 0
13 UNL 15	S-	1038.5 C	00 -39 -39 -45 0
14 010 02	S-	1027.5 C	00 -18 -18 -25 10
15 UNL 15	S-	1030.6 E	05 -18 -19 -26 3
16 090 15	S-	1031.0 WSW	08 -20 -20 -25 9
17 UNL 10	S-	1035.0 S	08 -18 -18 -23 10
18 UNL 15	IC	1038.3 NNE	06 -23 -23 -30 0
19 010 01	S-BS	1021.6 ENE	22 07 06 03 10
20 030 00	3/4S-BS	1019.7 SE	35 11 11 08 9
21 UNL 15	S-	1011.4 C	10 -16 -16 -24 0
22 010 04	S-	1021.3 S	10 22 22 19 10
23 UNL 15	S-	1015.4 E	06 08 07 04 0
24 010 10	S-	1013.9 ENE	05 08 07 04 0
25 UNL 15	IC	1014.3 ENE	14 -01 -02 -08 0
26 060 10	S-	1014.0 WSW	07 -05 -05 -11 10
27 UNL 15	IC	1010.4 NW	06 -28 -28 -32 0
28 UNL 15	S-	1000.5 C	00 -28 -28 -34 2
29 UNL 02	BS	1002.3 NNW	16 -15 -15 -21 0
30 UNL 02	IF	1006.7 N	15 -19 -19 -24 0

AVG 1018.2 09 -12 -12 -17 06

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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ISACHSEN NWT
NOVEMBER 1959 0800 MST

01 020 10	S-	1006.3 C	00 -04 -04 -10 10
02 UNL 15	S-	1012.6 C	00 -18 -18 -25 8
03 UNL 01	1/2IF	1008.9 N	12 -22 -22 -27 8
04 015 01	IF	1006.3 NNW	15 -04 -04 -08 10
05 004 03	S-	1001.2 NNW	10 -03 -03 -07 10
06 016 06	S-	1004.5 WSW	08 -05 -05 -09 9
07 040 04	S-	1009.4 NNW	10 -14 -14 -19 9
08 010 05	S-	1012.4 WSW	05 -14 -14 -18 8
09 UNL 15	S-	1018.5 C	00 -15 -15 -20 10
10 090 05	S-	1028.1 C	00 -22 -22 -26 10
11 035 08	S-	1032.0 NNW	08 -15 -15 -20 8
12 UNL 15	S-	1034.4 C	00 -28 -28 -34 2
13 UNL 15	S-	1038.1 C	00 -37 -37 -43 1
14 010 04	S-	1028.1 W	06 -03 -03 -08 10
15 UNL 15	S-	1032.3 SE	05 -19 -19 -27 5
16 UNL 15	S-	1030.4 SW	06 -21 -21 -26 9
17 UNL 10	S-	1035.8 S	10 -20 -20 -25 4
18 090 02	IF	1036.8 ENE	15 -18 -18 -25 10
19 010 01	S-BS	1020.9 E	25 13 13 09 10
20 030 01	BS	1020.1 W	10 10 10 6 9
21 UNL 15	S-	1030.6 E	05 -10 -11 -18 0
22 010 04	S-	1019.3 E	10 22 21 19 10
23 UNL 15	S-	1016.1 NE	07 05 05 00 3
24 005 02	S-	1013.8 ENE	10 08 07 04 10
25 UNL 15	IC	1014.5 S	05 -07 -07 -14 0
26 020 10	S-	1013.8 C	00 -04 -04 -10 10
27 UNL 15	IC	1008.6 SW	05 -31 -31 -35 2
28 UNL 15	S-	1000.4 NNW	07 -29 -29 -35 2
29 UNL 02	BS	1003.4 N	10 -16 -16 -22 3
30 UNL 02	IF	1006.7 NE	12 -21 -21 -26 0

AVG 1018.1 08 -11 -12 -16 07

ISACHSEN NWT
NOVEMBER 1959 1100 MST

01 015 07	S-	1006.5 C	00 -06 -06 -12 10
02 UNL 15	S-	1012.7 C	00 -21 -21 -28 7
03 UNL 01	IF	1007.0 N	20 -21 -21 -28 7
04 015 01	IF	1005.1 NNW	15 -01 -01 -06 10
05 002 00	1/4BS	1000.5 NW	25 -02 -02 -07 10
06 080 01	S-BS	1004.8 W	18 -06 -06 -11 10
07 220 10	S-	1009.7 W	12 -16 -17 -24 8
08 020 05	S-	1013.0 C	00 -14 -14 -20 9
09 060 15	S-	1019.9 C	00 -16 -16 -22 9
10 070 15	S-	1028.5 C	00 -21 -21 -28 10
11 150 15	S-	1030.2 C	00 -19 -19 -26 10
12 UNL 15	S-	1034.8 C	00 -29 -29 -37 3
13 UNL 15	S-	1037.6 C	00 -38 -38 -44 3
14 008 02	S-F	1025.2 N	06 -04 -04 -10 10
15 UNL 15	S-	1033.9 C	00 -25 -26 -35 1
16 040 08	S-	1030.2 C	00 -19 -19 -26 10
17 090 12	S-	1036.6 S	10 -22 -22 -29 8
18 020 04	IF	1033.8 ENE	10 -13 -13 -19 10
19 010 02	S-BS	1020.9 ESE	24 14 14 11 10
20 010 01	BS	1022.8 S	22 09 09 05 10
21 UNL 15	S-	1026.1 C	00 -16 -17 -24 9
22 006 06	F	1018.2 ESE	10 22 22 20 10
23 UNL 15	S-	1015.5 C	00 09 08 04 1
24 035 15	S-	1013.3 ENE	10 04 04 -02 8
25 UNL 07	IC	1014.2 ESE	05 -06 -06 -13 1
26 020 08	IC	1013.8 WSW	06 -03 -03 -08 10
27 UNL 15	S-	1008.7 C	00 -31 -31 -40 1
28 UNL 02	F	1000.5 NW	07 -30 -30 -36 4
29 020 02	S-BS	1003.7 NNW	11 -14 -14 -19 10
30 UNL 01	BS	1005.6 N	28 -21 -21 -26 4

AVG 1017.9 08 -12 -12 -17 07

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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ISACHSEN NWT
NOVEMBER 1959 1400 MST

01 025 07	S-	1007.9 NE	05 -07 -07 -13 10
02 UNL 10	S-	1013.0 C	00 -20 -20 -27 7
03 UNL 01	IF	1007.3 N	12 -18 -18 -25 6
04 UNL 05	IF	1004.8 NNW	10 -10 -10 -17 5
05 020 02	BS	1002.5 NW	15 -02 -02 -07 10
06 040 02	S-	1006.7 W	14 -07 -07 -13 10
07 140 02	IF	1010.4 W	10 -15 -16 -21 7
08 070 05	S-	1013.4 C	00 -12 -12 -18 9
09 UNL 15	S-	1021.4 C	00 -21 -22 -28 2
10 070 15	S-	1029.0 C	00 -18 -18 -25 10
11 060 06	S-	1032.5 C	00 -19 -19 -24 9
12 UNL 15	S-	1036.3 NNW	10 -32 -32 -41 3
13 UNL 15	S-	1037.0 C	00 -35 -35 -41 4
14 003 00	1/2S	1024.5 NE	10 -02 -02 -07 10
15 070 15	S-	1034.5 C	00 25 24 32 0
16 040 08	S-	1030.6 SW	06 -16 -16 -22 8
17 UNL 12	S-IF	1037.9 SSE	13 -24 -24 -34 3
18 010 02	S-BS	1031.5 ENE	12 -09 -09 -13 10
19 010 01	S-BS	1020.9 ESE	22 15 15 12 10
20 010 08	S-	1025.1 SSW	10 00 00 -05 8
21 005 01	S-IF	1028.4 NE	10 03 03 -02 10
22 006 03	F	1017.7 E	05 16 16 13 10
23 010 07	S-	1015.6 ENE	10 11 11 07 9
24 035 15	S-	1013.6 C	00 01 00 -05 10
25 060 10	IC	1014.3 C	00 -01 -01 -08 9
26 020 03	ICIF	1013.9 NNW	05 00 00 -12 10
27 090 08	S-	1004.9 C	00 -30 -30 -36 8
28 UNL 04	F	1001.1 NNW	10 -32 -32 -41 2
29 UNL 10	S-	1004.8 N	07 -18 -18 -25 3
30 UNL 01	BS	1007.7 NNW	18 -23 -23 -29 4

AVG 1018.3 07 -12 -12 -17 07

ISACHSEN NWT
NOVEMBER 1959 1700 MST

01 025 10	S-	1009.0 NE	14 -09 -09 -14 6
02 UNL 10	IC	1013.0 NNW	07 -09 -09 -15 7
03 UNL 01	ICIF	1007.3 NNW	06 -11 -11 -17 6
04 030 02	IF	1004.0 NW	12 -09 -09 -14 10
05 020 02	S-	1003.6 NNW	10 -01 -01 -06 10
06 040 05	S-	1006.5 W	14 -08 -08 -13 6
07 140 02	S-	1010.7 W	10 -15 -15 -21 7
08 UNL 05	S-	1014.1 C	00 -15 -15 -21 7
09 UNL 15	S-	1022.7 C	00 -25 -25 -33 0
10 070 10	S-	1029.7 C	00 -18 -18 -25 10
11 UNL 10	S-	1032.7 C	00 -21 -22 -28 7
12 UNL 15	IC	1037.3 C	00 -36 -36 -42 0
13 UNL 15	S-	1035.8 C	00 -34 -34 -44 4
14 010 02	S-	1023.6 N	07 -03 -04 -08 10
15 070 15	S-	1034.4 C	00 -22 -23 -31 6
16 030 08	S-	1031.6 WSW	10 -21 -21 -26 9
17 UNL 12	IC	1038.6 SSE	08 -28 -28 -33 0
18 010 00	1/2BS	1027.9 ENE	30 -03 -03 -08 10
19 010 01	S-BS	1020.1 SE	28 14 14 11 10
20 UNL 12	S-	1027.5 S	08 -07 -07 -14 1
21 005 00	3/4IF	1027.0 E	12 05 05 01 10
22 006 03	F	1017.3 ESE	10 15 14 12 10
23 UNL 08	S-	1015.9 E	10 06 06 01 4
24 UNL 15	S-	1013.9 C	00 -03 -03 -10 2
25 060 12	IC	1014.3 C	00 -02 -02 -08 9
26 020 08	IC	1013.8 NNW	12 -06 -07 -13 10
27 UNL 12	IC	1003.3 C	00 -29 -29 -35 2
28 UNL 04	IF	1001.7 N	05 -27 -27 -33 2
29 UNL 10	S-	1005.1 N	15 -18 -18 -25 2
30 UNL 01	BS	1006.9 N	20 -23 -23 -29 4

AVG 1018.3 08 -12 -12 -17 06

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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ISACHSEN NWT
NOVEMBER 1959 2000 MST

01 UNL 15	IC	1010.4 C	00 -15 -15 -21 0
02 UNL 10	IC	1013.0 N	14 -15 -15 -21 3
03 003 00	1/2IF	1007.5 N	14 -10 -10 -16 10
04 030 02	S-IF	1002.6 NNW	10 -06 -06 -11 10
05 020 02	S-	1003.7 NNW	15 -02 -02 -08 10
06 040 05	S-	1007.0 W	12 -10 -10 -17 6
07 140 02	S-	1010.9 W	08 -16 -16 -22 7
08 UNL 05	S-	1014.9 C	00 -16 -16 -22 7
09 UNL 15	S-	1023.1 C	00 -27 -27 -35 0
10 090 10	S-	1030.3 C	00 -19 -19 -27 8
11 UNL 15	S-	1032.6 C	00 -22 -23 -29 7
12 UNL 15	IC	1038.1 C	00 -37 -37 -43 0
13 UNL 15	S-	1034.2 C	00 -30 -30 -39 7
14 010 02	S-	1023.7 ENE	14 -11 -11 -18 10
15 070 15	S-	1033.7 C	00 -22

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 HMT
DECEMBER 1959 0200 MST

01 UNL 01	IF	1004.1	NNW	10	-19	-19	-24	3		
02 010 02	IF BS	994.2	NNW	15	-11	-11	-17	10		
03 UNL 15	IC	997.0	ESE	05	-26	-26	-34	0		
04 005 00	1/25-IF	1001.2	W	04	-27	-27	-33	10		
05 070 02	IF	999.5	SSE	10	-28	-28	-36	6		
06 UNL 12	BS	1003.9	E	18	-37	-37	-45	0		
07 UNL 01	IF	1009.3	E	20	-32	-32	-41	4		
08 002 00	1/4BS	1014.2	SE	30	-15	-15	-20	10		
09 UNL 10	IC	1021.2	SSE	05	-15	-16	-21	3		
10 090 04	S-	1014.0	E	07	-12	-12	-18	8		
11 010 02	S-BS	1000.4	ESE	16	-08	-08	-13	10		
12 UNL 15	IC	1011.6	SW	06	+4	+4	0	0		
13 UNL 10	IC	1015.5	S	10	-37	-37	-45	0		
14 UNL 10	IC	1018.0	C	00	-32	-32	-41	10		
15 090 04	S-	1002.4	C	00	-12	-12	-18	10		
16 UNL 10	IC	1012.6	N	14	-33	-33	-39	3		
17 UNL 15	IC	1019.8	E	04	-30	-30	-37	0		
18 UNL 15	IC	1024.0	C	00	+4	+4	3	3		
19 090 02	S-	1016.4	S	10	-28	-28	-34	9		
20 UNL 15	IC	1004.4	C	00	-28	-28	-36	1		
21 UNL 15	IC	1012.0	C	00	-31	-31	-40	0		
22 UNL 10	IC	1019.3	C	00	-35	-35	-45	2		
23 UNL 15	IC	1007.7	E	08	-25	-25	-33	2		
24 010 01	S-	999.3	E	10	-12	-12	-17	10		
25 020 10	S-	1003.7	SW	07	-13	-13	-19	9		
26 UNL 04	IF	1012.7	SW	09	-29	-29	-35	0		
27 UNL 10	IC	1019.3	C	00	-43	-43	-51	0		
28 120 10	IC	1019.0	C	00	-43	-43	-51	0		
29 010 08	IC	1019.3	C	00	-31	-31	-40	10		
30 UNL 08	IC	1018.4	C	00	-39	-39	-47	0		
31 UNL 04	IC BS	1013.4	NNW	18	-47	-47	-55	0		
AVG		1010.6		08	-29	-29	-36	05		

ISACHSEN HMT
DECEMBER 1959 0900 MST

01 UNL 10	S-	1002.8	NNW	10	-19	-19	-24	0		
02 010 04	S-	993.6	NNW	10	-12	-12	-18	10		
03 UNL 15	IC	998.2	E	05	-29	-29	-37	0		
04 060 02	S-IF	1000.8	WSW	07	-29	-29	-37	6		
05 UNL 05	IF	1000.2	SE	08	-31	-31	-40	4		
06 UNL 12	IF	1004.5	E	12	-36	-36	-45	0		
07 UNL 01	IF BS	1010.7	E	20	-30	-30	-36	4		
08 002 00	1/4BS	1015.6	SSE	32	-13	-13	-18	10		
09 UNL 10	IC	1021.1	C	00	-21	-21	-28	0		
10 UNL 07	S-	1012.3	E	08	-13	-13	-19	4		
11 010 01	S-BS	997.7	SE	24	-05	-05	-10	10		
12 UNL 15	IC	1012.9	SW	05	-41	-41	-49	0		
13 UNL 10	IC	1016.5	SE	04	-37	-37	-45	3		
14 UNL 08	S-	1015.9	E	12	-27	-27	-35	10		
15 090 04	S-	1002.4	NNW	10	-11	-11	-16	10		
16 UNL 08	IC	1013.6	NNE	12	-38	-38	-46	5		
17 UNL 15	IC	1019.1	C	00	-48	-48	-56	3		
18 UNL 15	S-	1023.8	C	00	+4	+4	3	3		
19 120 05	S-	1015.1	S	06	-26	-26	-32	9		
20 090 10	S-	1005.3	E	04	-18	-19	-25	7		
21 UNL 15	IC	1013.3	C	00	-34	-34	-44	1		
22 UNL 02	IF	1018.6	C	00	-33	-33	-39	4		
23 UNL 15	IC	1005.6	NE	08	-21	-21	-26	4		
24 010 01	S-	999.1	E	11	-10	-10	-15	10		
25 018 10	IC	1005.7	ESE	04	-17	-17	-22	10		
26 UNL 10	IC	1014.9	SW	10	-35	-35	-41	0		
27 UNL 10	IC	1018.4	N	05	-44	-44	-52	0		
28 UNL 10	IC	1019.5	W	08	-37	-37	-44	4		
29 UNL 08	IC	1018.6	NNW	05	-33	-33	-42	5		
30 015 08	IC	1017.6	C	00	-39	-39	-47	7		
31 UNL 02	IC BS	1013.5	N	20	-46	-46	-54	0		
AVG		1010.5		08	-28	-28	-35	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 HMT
DECEMBER 1959 0800 MST

01 UNL 10	S-	1001.4	NNW	10	-21	-21	-28	0		
02 010 05	S-	995.0	N	10	-12	-12	-18	10		
03 UNL 15	IC	998.8	C	00	-30	-30	-39	0		
04 060 08	S-	1000.6	SW	05	-28	-28	-36	10		
05 070 02	IF	1000.6	SE	10	-30	-30	-39	6		
06 UNL 12	IF	1005.0	E	03	-35	-35	-45	0		
07 UNL 00	1/2IF BS	1010.8	E	20	-28	-28	-34	8		
08 000 00	BS	1017.6	SSE	35	-13	-13	-18	10		
09 UNL 15	IC	1020.5	C	00	-21	-21	-28	0		
10 UNL 07	S-	1010.9	C	00	-14	-14	-20	4		
11 010 04	S-	995.6	SSE	15	-06	-06	-11	10		
12 UNL 15	IC	1014.1	C	00	+1	+1	0	0		
13 UNL 10	IC	1017.4	C	00	-37	-37	-45	1		
14 010 01	S-	1012.5	E	14	-24	-24	-30	10		
15 090 04	S-	1002.6	NNW	13	-14	-14	-19	10		
16 UNL 05	IC	1015.4	N	13	-36	-36	-44	5		
17 UNL 15	IC	1019.7	C	00	-49	-49	-57	0		
18 UNL 15	S-	1023.4	C	00	+1	+1	5	5		
19 UNL 15	S-	1013.8	SE	04	-30	-30	-39	0		
20 UNL 15	S-	1005.0	E	04	-20	-20	-27	0		
21 UNL 10	S-	1014.2	C	00	-36	-36	-44	3		
22 UNL 15	IC	1017.6	C	00	-34	-34	-40	3		
23 UNL 15	IC	1003.7	E	09	-20	-20	-27	4		
24 020 02	S-	999.1	ESE	10	-09	-09	-14	10		
25 UNL 10	IC	1006.8	SW	05	-18	-18	-25	4		
26 UNL 04	ICIF	1016.7	SW	05	-40	-40	-48	0		
27 UNL 10	IC	1019.0	C	00	-44	-44	-52	0		
28 UNL 10	IC	1019.7	C	00	-49	-49	-57	0		
29 UNL 08	IC	1018.4	NNW	03	-46	-46	-54	3		
30 UNL 10	IC	1016.7	C	00	-41	-41	-49	4		
31 UNL 01	IF	1013.2	C	00	-45	-45	-53	0		
AVG		1010.4		06	-29	-29	-36	04		

ISACHSEN HMT
DECEMBER 1959 1100 MST

01 UNL 10	IC	1000.2	N	04	-23	-23	-29	3		
02 010 02	S-	992.7	NNW	09	-12	-12	-18	10		
03 UNL 15	IC	1000.0	C	00	-30	-30	-39	1		
04 UNL 15	IC	999.5	C	00	-29	-29	-37	4		
05 UNL 04	IF	1001.3	E	10	-29	-29	-35	4		
06 UNL 15	IC	1005.0	E	18	-39	-39	-47	0		
07 UNL 00	1/2BS	1011.1	E	23	-26	-26	-32	9		
08 000 00	BS	1019.4	SSE	25	-16	-16	-21	10		
09 UNL 10	IC	1019.8	C	00	-21	-21	-28	1		
10 UNL 15	S-	1010.3	C	00	-18	-18	-25	4		
11 010 08	S-	996.2	SW	08	-06	-06	-11	10		
12 UNL 15	IC	1014.8	C	00	-42	-42	-50	1		
13 UNL 10	IC	1018.6	C	00	+0	+0	3	3		
14 010 02	S-	1010.0	E	16	-22	-22	-27	10		
15 UNL 08	S-	1003.2	NNW	23	-18	-18	-23	4		
16 UNL 15	IC	1016.4	NNW	10	-38	-38	-46	0		
17 UNL 15	IC	1020.3	C	00	+8	+8	1	1		
18 100 10	IC	1022.7	C	00	-37	-37	-45	10		
19 UNL 15	S-	1012.2	NE	05	-31	-31	-40	1		
20 UNL 15	IC	1006.4	C	00	-20	-20	-27	0		
21 UNL 15	IC	1015.6	C	00	-36	-36	-44	3		
22 UNL 15	IC	1016.3	C	00	-34	-34	-44	4		
23 UNL 15	IC	1004.4	E	10	-19	-19	-26	4		
24 020 04	S-	995.9	ESE	08	-18	-18	-23	10		
25 090 04	S-	1007.5	E	00	-18	-18	-25	8		
26 UNL 06	IF	1017.9	WSW	06	-41	-41	-49	0		
27 UNL 10	IC	1016.4	C	00	-45	-45	-53	0		
28 UNL 10	IC	1019.7	C	00	-49	-49	-57	3		
29 UNL 04	ICIF	1018.1	SW	05	-39	-39	-47	0		
30 UNL 10	IC	1016.1	C	00	-43	-43	-51	4		
31 UNL 10	S-	1012.6	NNW	09	-44	-44	-52	3		
AVG		1010.4		06	-29	-29	-36	04		

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

01 UNL 02	IF	999.6	N	07	-20	-20	-25	4		
02 020 02	S-	995.4	E	06	-18	-18	-23	10		
03 UNL 15	IC	1000.4	C	00	-33	-33	-42	0		
04 070 10	S-	999.1	E	03	-28	-28	-34	10		
05 UNL 04	IF	1002.5	E	07	-32	-32	-41	4		
06 UNL 15	IF	1005.8	E	18	-38	-38	-46	0		
07 UNL 00	1/2BS	1011.5	E	23	-24	-24	-30	9		
08 002 00	1/2BS	1021.3	S	25	-15	-15	-20	10		
09 UNL 15	IC	1019.0	C	00	-21	-21	-28	1		
10 020 07	S-	1009.5	C	00	-16	-16	-21	10		
11 UNL 15	IC	9								

SYNOPTIC OBSERVATIONS

MOULD BAY

Date	Calling (100% ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NWT
JULY 1959 0200 MST

01 UNL 15				1015.7 W	05	38	35	31	1	
02 UNL 15				1010.5 C	00	42	40	38	1	
03 UNL 15				1005.7 S	11	39	38	36	4	
04 020 10				999.9 S	06	37	36	35	10	
05 018 10		R-		1002.3 C	00	39	38	36	9	
06 020 10				1004.0 C	00	40	37	34	10	
07 030 08		R-		1006.5 C	00	38	36	34	10	
08 005 00		1/4F		1012.0 NW	10	45	43	40	10	
09 030 10				1013.1 C	00	38	36	32	9	
10 020 10				1009.4 C	00	41	40	39	10	
11 010 06		R-		1005.4 NW	10	39	38	37	10	
12 005 07				1010.0 M	05	33	31	29	10	
13 025 10				1012.0 E	06	39	37	34	8	
14 060 10				1007.8 E	15	41	39	36	10	
15 012 07				995.6 E	27	41	39	38	10	
16 008 05		F		1010.4 MSW	33	32	30	10		
17 UNL 15				1019.2 NW	10	36	34	32	2	
18 UNL 15				1014.1 N	04	40	38	35	4	
19 008 06		R-		1009.1 N	08	34	33	32	10	
20 003 07				1013.5 NNW	14	34	34	33	10	
21 003 10				1014.5 NW	07	34	33	32	10	
22 002 00		1/4F		1018.2 NW	05	34	34	34	10	
23 UNL 00		1/4F		1018.6 M	08	38	38	38	8	
24 012 10				1012.1 SSE	05	38	37	36	10	
25 040 15				1005.2 ESE	07	42	40	37	9	
26 035 10				1011.6 ENE	45	40	39	10		
27 070 15				1005.4 ENE	03	43	39	9		
28 060 15				1009.1 NE	12	45	41	37	10	
29 UNL 15				1014.3 N	11	43	38	32	3	
30 018 15				1016.7 NNE	17	35	34	33	9	
31 002 03		L-F		1016.6 NW	16	34	34	33	10	
AVG				1009.8	08	39	37	35	08	

MOULD BAY NWT
JULY 1959 0500 MST

01 UNL 15				1015.7 S	02	35	33	31	1	
02 UNL 15				1010.3 C	00	43	40	36	1	
03 045 15				1004.9 SSE	09	39	38	37	8	
04 020 10				999.8 S	09	37	36	35	10	
05 018 10		R-		1002.5 SSE	11	38	36	34	10	
06 014 08				1004.1 NW	11	43	42	40	10	
07 020 08		R-		1007.7 C	00	39	38	37	10	
08 005 07				1010.0 NNW	08	38	37	36	10	
09 030 10				1013.0 C	00	37	34	30	9	
10 020 10				1009.0 S	04	40	39	37	10	
11 005 06				1003.7 NW	22	36	35	34	10	
12 UNL 10		R-		1010.7 W	05	31	30	28	3	
13 005 05		F		1012.2 NE	07	36	35	34	8	
14 060 10				1006.5 ENE	18	41	38	35	10	
15 030 07				995.8 E	11	42	41	39	10	
16 UNL 10				1013.3 W	05	32	31	29	3	
17 UNL 10				1019.3 N	05	34	33	32	4	
18 UNL 10				1013.1 N	09	40	38	36	7	
19 008 08				1009.5 M	11	35	34	33	10	
20 005 07				1013.7 NNW	08	34	33	32	10	
21 003 10				1014.3 NW	10	34	34	33	10	
22 005 04		F		1018.5 NNW	08	33	33	33	10	
23 UNL 00		3/8F		1018.2 N	03	37	37	37	9	
24 UNL 10				1011.1 SE	08	39	38	37	6	
25 040 15				1003.0 ESE	17	44	40	36	9	
26 040 10				1001.6 E	16	42	41	39	9	
27 050 15		R-		1003.2 C	00	38	37	37	9	
28 050 15				1010.1 NE	45	43	35	9		
29 UNL 15				1014.6 N	05	41	38	34	5	
30 002 08				1017.9 N	16	34	33	32	10	
31 003 08		R-		1016.2 NNW	16	34	34	33	10	
AVG				1009.9	09	38	36	35	08	

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

01 UNL 15				1015.2 C	00	40	38	35	1	
02 UNL 15				1009.4 C	00	45	42	39	1	
03 045 15				1003.9 SSW	03	38	37	35	7	
04 035 10				1000.5 SSW	03	38	36	35	8	
05 018 10				1002.8 S	10	38	36	35	8	
06 008 08				1004.3 NNW	03	43	42	41	10	
07 008 01		R-F		1007.7 C	00	40	40	39	10	
08 002 01				1013.3 NNW	08	40	39	38	10	
09 030 10				1011.9 E	07	42	40	36	10	
10 030 10				1008.3 S	10	42	40	37	7	
11 008 06		R-		1005.2 NW	23	36	35	34	10	
12 UNL 15				1010.7 NNW	06	36	35	32	1	
13 003 05		F		1012.0 E	15	40	37	34	9	
14 060 10				1004.5 E	27	41	38	35	10	
15 030 10				994.7 SSE	10	42	40	39	10	
16 UNL 10				1014.8 W	06	37	35	32	2	
17 UNL 10				1018.2 N	12	36	34	32	2	
18 025 10				1012.0 N	07	43	40	36	8	
19 005 07				1009.4 N	07	36	35	34	10	
20 010 10				1013.7 NW	13	35	34	32	10	
21 004 10				1014.8 NW	12	36	34	10		
22 003 00		3/4F		1018.5 NW	09	34	34	34	10	
23 001 00		1/8F		1017.4 C	00	34	34	34	10	
24 200 15				1009.4 S	10	41	40	38	9	
25 040 15				1003.2 ESE	18	45	42	39	10	
26 UNL 15				1003.6 E	18	44	42	36	5	
27 050 15				1003.9 NE	03	42	40	39	9	
28 060 15				1010.4 NE	16	48	43	38	8	
29 UNL 15				1014.7 NNW	11	41	38	34	5	
30 002 08				1018.3 N	17	35	34	33	10	
31 003 08		R-		1015.3 N	18	35	34	33	10	
AVG				1009.7	10	40	38	36	08	

MOULD BAY NWT
JULY 1959 1100 MST

01 UNL 15				1014.4 S	05	46	41	36	0	
02 UNL 15				1008.5 C	00	44	40	35	4	
03 UNL 15				1003.0 S	15	42	38	34	4	
04 UNL 10				1001.1 SSW	07	40	37	33	3	
05 170 10				1002.8 S	13	42	38	33	8	
06 008 04		F		1004.8 C	00	38	37	37	10	
07 025 10				1003.3 SSW	04	39	39	10		
08 005 02		1/2F		1013.8 W	05	41	41	40	10	
09 012 10				1010.8 C	00	42	41	39	10	
10 025 10				1007.5 S	09	45	42	40	9	
11 008 07		R-		1005.9 NW	25	35	34	10		
12 015 15				1011.1 W	07	37	36	33	7	
13 170 15				1011.5 E	15	44	42	40	9	
14 060 08		R-		1003.5 ENE	25	38	38	37	10	
15 025 15				998.3 SSE	28	39	37	36	9	
16 015 15				1015.7 W	07	38	37	35	9	
17 015 15				1017.6 N	11	42	40	36	9	
18 070 15				1011.3 NNE	09	46	41	35	9	
19 008 08				1009.6 M	12	37	36	35	10	
20 008 10				1013.9 NW	11	35	34	31	10	
21 010 10				1015.0 NW	09	37	34	31	10	
22 005 06		F		1018.8 NW	08	36	34	33	10	
23 UNL 00		1/4F		1017.0 C	00	34	34	34	8	
24 UNL 15				1008.1 S	15	49	43	37	7	
25 020 10				1003.0 ESE	17	46	41	34	10	
26 UNL 15				1000.7 E	30	47	43	40	5	
27 090 15				1009.1 C	00	48	45	42	10	
28 120 18				1011.3 NE	15	50	45	35	8	
29 UNL 15				1014.3 M	15	41	37	32	3	
30 015 08				1018.5 N	17	42	40	38	6	
31 004 08				1014.6 NNW	17	36	35	34	10	
AVG				1009.7	11	41	39	36	08	

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

01 UNL 15				1014.0 C	00	47	42	36	3	
02 140 15				1008.1 E	10	52	46	40	6	
03 UNL 15				1002.2 S	16	48	42	35	4	
04 UNL 10				1001.9 S	12	43	39	34	3	
05 170 10				1003.6 S	10	41	38	34	8	
06 018 10				1005.4 C	00	41	40	39	10	
07 007 06		R-F		1009.3 SSW	01	40	40	40	10	
08 UNL 10				1013.8 S	05	46	43	40	4	
09 090 10				1010.2 C	00	46	43	41	9	
10 030 10				1006.5 S	10	42	41	39	10	
11 060 04		S-		1007.6 NW	14	35	34	10</		

SYNOPTIC OBSERVATIONS

MOULD BAY

Table with 11 columns: Date, Ceiling (100's ft.), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

Table with 11 columns: Date, Ceiling (100's ft.), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

Table with 11 columns: Date, Ceiling (100's ft.), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

Table with 11 columns: Date, Ceiling (100's ft.), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (mph), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

MOULD BAY NMT
SEPTEMBER 1959 0200 MST

Table with 11 columns: Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, Sky Cover.

AVG 1014.7 10 21 20 18 08

MOULD BAY NMT
SEPTEMBER 1959 0800 MST

Table with 11 columns: Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, Sky Cover.

AVG 1014.5 10 20 20 18 08

MOULD BAY NMT
SEPTEMBER 1959 1400 MST

Table with 11 columns: Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, Sky Cover.

AVG 1014.3 13 23 22 19 08

MOULD BAY NMT
SEPTEMBER 1959 2000 MST

Table with 11 columns: Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, Sky Cover.

AVG 1014.2 13 21 20 17 08

MOULD BAY NMT
SEPTEMBER 1959 0500 MST

Table with 11 columns: Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, Sky Cover.

AVG 1014.8 10 20 20 17 09

MOULD BAY NMT
SEPTEMBER 1959 1100 MST

Table with 11 columns: Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, Sky Cover.

AVG 1014.3 10 21 21 18 09

MOULD BAY NMT
SEPTEMBER 1959 1700 MST

Table with 11 columns: Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, Sky Cover.

AVG 1014.3 13 22 21 18 07

MOULD BAY NMT
SEPTEMBER 1959 2300 MST

Table with 11 columns: Date, Ceiling, Visibility, Present Weather, Sea Level Pressure, Wind Direction, Wind Speed, Dry Bulb, Wet Bulb, Dew Point, Sky Cover.

AVG 1014.3 11 20 19 16 07

SYNOPTIC OBSERVATIONS

MOULD BAY

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

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

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

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

MOULD BAY NWT OCTOBER 1959 0200 MST

Table of synoptic observations for Mould Bay NWT at 0200 MST, including date, weather, pressure, wind, and temperature data.

AVG 1014.7 05 -03 -03 -07 05

MOULD BAY NWT OCTOBER 1959 0800 MST

Table of synoptic observations for Mould Bay NWT at 0800 MST, including date, weather, pressure, wind, and temperature data.

AVG 1014.5 05 -04 -04 -08 07

MOULD BAY NWT OCTOBER 1959 1400 MST

Table of synoptic observations for Mould Bay NWT at 1400 MST, including date, weather, pressure, wind, and temperature data.

AVG 1014.7 06 -03 -03 -07 06

MOULD BAY NWT OCTOBER 1959 2000 MST

Table of synoptic observations for Mould Bay NWT at 2000 MST, including date, weather, pressure, wind, and temperature data.

AVG 1014.5 07 -04 -04 -08 07

MOULD BAY NWT OCTOBER 1959 0500 MST

Table of synoptic observations for Mould Bay NWT at 0500 MST, including date, weather, pressure, wind, and temperature data.

AVG 1014.6 05 -03 -04 -08 06

MOULD BAY NWT OCTOBER 1959 1100 MST

Table of synoptic observations for Mould Bay NWT at 1100 MST, including date, weather, pressure, wind, and temperature data.

AVG 1014.5 06 -03 -03 -07 07

MOULD BAY NWT OCTOBER 1959 1700 MST

Table of synoptic observations for Mould Bay NWT at 1700 MST, including date, weather, pressure, wind, and temperature data.

AVG 1014.7 06 -03 -03 -07 07

MOULD BAY NWT OCTOBER 1959 2300 MST

Table of synoptic observations for Mould Bay NWT at 2300 MST, including date, weather, pressure, wind, and temperature data.

AVG 1014.6 06 -04 -04 -09 05

SYNOPTIC OBSERVATIONS

MOULD BAY

Table with 11 columns: Date, Ceiling (100's ft.), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (knots), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

MOULD BAY HMT NOVEMBER 1959 0200 MST

Table of Mould Bay HMT observations for 0200 MST, showing data for dates 01 to 30.

AVG 1019.6 08 -11 -11 -16 06

MOULD BAY HMT NOVEMBER 1959 0500 MST

Table of Mould Bay HMT observations for 0500 MST, showing data for dates 01 to 30.

AVG 1019.5 10 -11 -11 -15 06

Table with 11 columns: Date, Ceiling (100's ft.), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (knots), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

MOULD BAY HMT NOVEMBER 1959 0600 MST

Table of Mould Bay HMT observations for 0600 MST, showing data for dates 01 to 30.

AVG 1019.5 08 -11 -11 -15 06

MOULD BAY HMT NOVEMBER 1959 1100 MST

Table of Mould Bay HMT observations for 1100 MST, showing data for dates 01 to 30.

AVG 1019.5 09 -10 -10 -15 07

Table with 11 columns: Date, Ceiling (100's ft.), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (knots), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

MOULD BAY HMT NOVEMBER 1959 1400 MST

Table of Mould Bay HMT observations for 1400 MST, showing data for dates 01 to 30.

AVG 1019.7 08 -10 -10 -14 07

MOULD BAY HMT NOVEMBER 1959 1700 MST

Table of Mould Bay HMT observations for 1700 MST, showing data for dates 01 to 30.

AVG 1019.7 09 -11 -11 -15 07

Table with 11 columns: Date, Ceiling (100's ft.), Visibility (miles), Present Weather, Sea Level Pressure (mb), Wind Direction, Wind Speed (knots), Dry Bulb (°F), Wet Bulb (°F), Dew Point (°F), Sky Cover (tenths).

MOULD BAY HMT NOVEMBER 1959 2000 MST

Table of Mould Bay HMT observations for 2000 MST, showing data for dates 01 to 30.

AVG 1019.8 09 -12 -12 -16 06

MOULD BAY HMT NOVEMBER 1959 2300 MST

Table of Mould Bay HMT observations for 2300 MST, showing data for dates 01 to 30.

AVG 1019.7 09 -12 -12 -17 06

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Table with 11 columns: Date, Ceiling (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 (height).

Table with 11 columns: Date, Ceiling (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 (height).

Table with 11 columns: Date, Ceiling (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 (height).

Table with 11 columns: Date, Ceiling (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 (height).

SACHS HARBOUR NMT NOVEMBER 1959 0100 PST

Table of synoptic observations for SACHS HARBOUR NMT NOVEMBER 1959 0100 PST, showing data from 01 005 03 to 30 UNL 15.

AVG 1019.4 15 -08 -07 -12 06

SACHS HARBOUR NMT NOVEMBER 1959 0700 PST

Table of synoptic observations for SACHS HARBOUR NMT NOVEMBER 1959 0700 PST, showing data from 01 004 10 to 30 UNL 15.

AVG 1019.6 13 -08 -08 -12 05

SACHS HARBOUR NMT NOVEMBER 1959 1300 PST

Table of synoptic observations for SACHS HARBOUR NMT NOVEMBER 1959 1300 PST, showing data from 01 005 03 to 30 UNL 15.

AVG 1019.8 14 -08 -08 -12 06

SACHS HARBOUR NMT NOVEMBER 1959 1900 PST

Table of synoptic observations for SACHS HARBOUR NMT NOVEMBER 1959 1900 PST, showing data from 01 005 05 to 30 UNL 15.

AVG 1019.4 15 -07 -07 -12 06

SACHS HARBOUR NMT NOVEMBER 1959 0400 PST

Table of synoptic observations for SACHS HARBOUR NMT NOVEMBER 1959 0400 PST, showing data from 01 006 04 to 30 UNL 15.

AVG 1019.5 14 -08 -07 -11 06

SACHS HARBOUR NMT NOVEMBER 1959 1000 PST

Table of synoptic observations for SACHS HARBOUR NMT NOVEMBER 1959 1000 PST, showing data from 01 005 03 to 30 UNL 15.

AVG 1019.6 14 -08 -08 -13 06

SACHS HARBOUR NMT NOVEMBER 1959 1600 PST

Table of synoptic observations for SACHS HARBOUR NMT NOVEMBER 1959 1600 PST, showing data from 01 005 03 to 30 UNL 15.

AVG 1019.5 16 -07 -07 -11 06

SACHS HARBOUR NMT NOVEMBER 1959 2200 PST

Table of synoptic observations for SACHS HARBOUR NMT NOVEMBER 1959 2200 PST, showing data from 01 040 05 to 30 UNL 15.

AVG 1019.3 15 -08 -08 -11 06

SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Coiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT
DECEMBER 1959 0100 PST

01 UNL 15	1015.2	E	20	-14	-14	-20	0			
02 UNL 15	1008.5	N	18	-26	-26	-36	0			
03 UNL 15	1011.6	NW	08	-27	-28	-39	0			
04 UNL 15	1011.8	W	14	-18	-18	-25	0			
05 010 12	1008.0	S	06	-16	-16	-20	10			
06 008 04	1000.7	WSW	10	-13	-13	-18	10			
07 010 02	999.1	SW	16	-05	-05	-09	10			
08 012 10	1009.0	S	12	-09	-09	-13	10			
09 UNL 15	1016.9	SE	12	-21	-21	-28	0			
10 012 06	1002.1	ESE	12	-08	-08	-12	10			
11 UNL 15	1006.8	NW	16	-34	-34	-40	0			
12 090 15	1015.3	C	00	-20	-20	-24	10			
13 019 15	1013.2	NE	08	-23	-23	-29	6			
14 005 04	1000.2	E	10	-07	-07	-10	10			
15 080 00	1001.1	M	26	-16	-16	-21	10			
16 UNL 15	1015.6	N	18	-34	-34	-44	0			
17 UNL 15	1024.1	E	14	-29	-29	-37	0			
18 UNL 15	1023.0	SE	10	-19	-19	-26	0			
19 080 15	1004.2	E	14	-09	-09	-08	8			
20 020 08	997.0	E	06	-10	-10	-15	10			
21 020 12	1008.6	C	00	-15	-15	-20	8			
22 012 02	1001.2	SE	18	01	01	-03	10			
23 UNL 15	999.4	S	18	-01	-01	-05	0			
24 UNL 15	991.4	SE	18	-07	-07	-12	0			
25 010 08	1008.6	SSE	08	-10	-10	-16	10			
26 008 04	1010.2	NE	04	-01	-01	-05	10			
27 UNL 15	1012.7	M	16	-14	-14	-19	4			
28 UNL 15	1023.3	E	22	-17	-17	-22	0			
29 UNL 15	1020.7	SE	16	-09	-09	-13	0			
30 UNL 15	1019.0	SE	16	-14	-14	-19	0			
31 020 04	1021.8	NW	12	-17	-17	-22	10			
AVG	1009.2		13	-15	-15	-20	05			

SACHS HARBOUR NMT
DECEMBER 1959 0400 PST

01 UNL 15	1014.5	E	18	-13	-13	-20	0			
02 UNL 15	1008.1	N	16	-25	-25	-33	0			
03 UNL 15	1011.9	NW	06	-25	-25	-33	0			
04 UNL 15	1011.5	W	14	-16	-16	-21	0			
05 010 15	1007.3	SW	06	-16	-16	-21	7			
06 008 10	999.9	W	10	-11	-11	-15	10			
07 012 00	999.5	SW	22	-06	-06	-10	10			
08 010 10	1010.6	S	12	-09	-09	-13	10			
09 UNL 15	1016.2	SE	06	-20	-20	-27	0			
10 012 12	1000.2	SE	12	-07	-07	-11	10			
11 UNL 15	1009.5	NW	06	-33	-33	-39	0			
12 090 15	1014.5	C	00	-17	-16	-21	10			
13 UNL 15	1013.1	NE	14	-17	-17	-22	2			
14 007 12	998.7	E	12	-12	-12	-17	10			
15 080 00	1002.1	M	34	-19	-19	-24	10			
16 UNL 15	1016.8	N	18	-35	-35	-41	0			
17 UNL 15	1024.6	E	04	-22	-22	-29	0			
18 UNL 15	1020.7	ESE	14	-15	-15	-21	0			
19 080 15	1002.4	SE	10	-02	-02	-05	10			
20 020 10	997.4	S	08	-08	-08	-12	10			
21 UNL 15	1010.4	C	00	-19	-19	-24	2			
22 015 10	999.6	SE	06	-01	-01	-05	10			
23 UNL 15	988.7	SE	18	-02	-02	-07	0			
24 UNL 15	999.3	SE	16	-07	-07	-12	0			
25 010 00	1008.9	ESE	08	-13	-13	-18	10			
26 008 12	1010.4	NW	04	00	00	-04	10			
27 UNL 15	1014.3	N	18	-19	-19	-24	0			
28 UNL 15	1024.1	E	22	-20	-20	-25	0			
29 UNL 15	1019.1	SE	16	-14	-14	-19	0			
30 UNL 15	1015.8	SE	16	-16	-16	-22	0			
31 030 04	1022.8	NW	16	-21	-21	-26	10			
AVG	1009.2		12	-15	-15	-20	05			

Date	Coiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT
DECEMBER 1959 0700 PST

01 UNL 15	1012.1	E	23	-15	-14	-19	0			
02 UNL 15	1007.9	N	18	-28	-28	-36	0			
03 UNL 15	1012.1	NW	10	-21	-21	-26	0			
04 UNL 15	1010.5	W	12	-20	-20	-27	0			
05 010 15	1006.2	SSW	08	-18	-18	-23	8			
06 008 12	999.1	SW	12	-10	-10	-13	10			
07 010 00	1000.4	SW	22	-05	-05	-09	10			
08 010 12	1012.4	SW	06	-13	-13	-18	8			
09 UNL 15	1015.1	SE	06	-20	-20	-27	0			
10 010 15	998.9	C	00	-06	-06	-10	10			
11 UNL 15	1010.7	NW	06	-33	-33	-39	0			
12 080 15	1014.1	C	00	-18	-18	-23	10			
13 UNL 15	1012.3	E	14	-18	-18	-23	2			
14 008 15	997.8	NE	08	-10	-10	-15	10			
15 080 00	1004.0	M	30	-19	-19	-24	10			
16 UNL 15	1017.5	N	20	-34	-34	-40	0			
17 UNL 15	1024.9	SE	12	-24	-24	-32	0			
18 020 15	1018.5	SE	14	-12	-12	-17	9			
19 080 12	1000.6	S	12	-04	-04	-08	10			
20 020 12	997.3	NE	14	-07	-07	-11	10			
21 UNL 15	1010.5	E	10	-19	-19	-24	1			
22 015 12	998.0	SE	12	01	01	-03	10			
23 UNL 15	988.0	SE	14	00	00	-04	0			
24 080 15	995.0	SE	12	-08	-08	-13	10			
25 008 00	1009.1	C	00	-10	-10	-15	10			
26 008 12	1010.2	C	00	-01	-01	-05	10			
27 UNL 15	1016.2	N	16	-24	-24	-30	0			
28 UNL 15	1023.9	E	24	-18	-18	-23	0			
29 UNL 15	1015.1	SE	16	-18	-18	-23	0			
30 UNL 15	1016.1	C	00	-16	-16	-22	0			
31 080 12	1022.8	NW	16	-22	-22	-27	8			
AVG	1009.0		12	-15	-15	-20	05			

SACHS HARBOUR NMT
DECEMBER 1959 1000 PST

01 UNL 15	1011.6	ESE	18	-09	-09	-13	0			
02 004 03	1008.6	N	13	-30	-30	-39	10			
03 UNL 15	1012.2	W	10	-24	-24	-30	2			
04 008 13	1008.8	W	12	-19	-18	-23	10			
05 012 15	1005.6	WSW	12	-17	-17	-22	10			
06 006 10	999.1	SW	13	-10	-10	-16	10			
07 012 07	1001.7	SW	18	-05	-05	-08	10			
08 010 10	1013.9	S	05	-15	-15	-19	9			
09 UNL 15	1013.6	E	04	-19	-19	-23	2			
10 003 03	1009.4	NW	07	-10	-09	-12	10			
11 UNL 15	1012.4	NW	02	-33	-33	-39	0			
12 UNL 15	1013.4	ENE	04	-18	-18	-22	4			
13 010 13	1010.7	E	14	-17	-17	-22	10			
14 006 06	997.2	NE	08	-08	-08	-12	10			
15 005 00	1006.7	N	28	-23	-23	-31	10			
16 UNL 15	1018.4	NNE	15	-39	-39	-46	0			
17 UNL 15	1025.7	SE	13	-26	-26	-32	0			
18 020 15	1015.9	SE	12	-08	-08	-12	9			
19 070 12	1001.5	SW	13	-08	-08	-12	10			
20 025 06	999.4	N	09	-06	-06	-10	10			
21 080 15	1010.4	SE	09	-15	-15	-19	9			
22 080 15	996.7	SE	12	-04	-04	-08	9			
23 UNL 15	987.7	SSE	14	-01	-01	-04	0			
24 070 15	997.6	NW	05	-13	-13	-17	10			
25 008 13	1009.7	NE	06	-11	-11	-17	10			
26 006 02	1010.4	C	00	-02	-02	-06	10			
27 UNL 15	1017.0	NE	14	-23	-23	-27	1			
28 UNL 15	1024.2	ESE	14	-13	-13	-19	0			
29 012 05	1016.2	SSE	25	-11	-11	-17	10			
30 UNL 15	1018.7	NW	02	-18	-17	-21	5			
31 UNL 15	1023.7	NW	12	-34	-34	-44	0			
AVG	1009.2		11	-16	-16	-21	07			

Date	Coiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT
DECEMBER 1959 1300 PST

01 UNL 15	1009.9	NE	22	-18	-18	-23	0			
02 UNL 12	1009.1	N	13	-20	-20	-24	3			
03 UNL 15	1012.3	M	09	-21	-20	-25	2			
04 010 12	1007.9	W	12	-17	-17	-22	10			
05 110 14	1005.0	SW	11	-18	-18	-19	8			
06 UNL 15	999.1	SW	10	-15	-14	-19	0			
07 003 02	1003.1	SSW	17	-07	-07	-10	10			
08 005 08	1015.5	WSW	05	-17	-17	-22	10			
09 UNL 15	1012.9	ESE	11	-19	-18	-22	6			
10 UNL 10	999.6	NW	12	-19	-19	-23	5			
11 UNL 15	1014.7	C	00	-32	-32	-36	2			
12 020 03										

SUMMARY OF CONSTANT PRESSURE DATA

JULY 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

Table with columns for SURFACE, 1000 MBS, 890 MBS, and 700 MBS. Each column contains altitude, temperature, relative humidity, and wind speed/direction data.

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.

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.

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.

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

SUMMARY OF CONSTANT PRESSURE DATA

JULY 1959

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment
 INDEX No. ALTITUDE 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	1009	002.5	79	110	02	0139	001.7	79	080	02	1434	-02.6	87	293	06	2955	-07.7	25	278	14
02	1005	004.4	89	090	02	0107	003.7	79	174	03	1444	003.4	98	250	07	2990	-05.0	62	288	09
03	1007	004.4	85	090	01	0123	004.3	85	075	01	1440	001.2	90	187	02	2983	-06.7	90	221	02
04	1006	005.1	79	045	02	0115	005.3	79	084	01	1444	003.0	75	189	02	2992	-01.8	20	258	05
05	1005	004.9	86	060	03	0107	004.1	81	000	00	1436	003.1	54	149	06	2959	-01.8	A14	146	02
06	1004	002.9	92	045	02	0098	006.6	65	061	02	1441	005.3	58	229	03	3004	-02.7	27	322	02
07	1003	002.3	92	060	01	0090	002.2	89	060	01	1424	004.0	60	014	01	2977	-04.3	32	337	09
08	1002	002.9	92	090	02	0082	002.8	89	092	02	1406	001.3	72	075	03	2944	-06.5	30	011	07
09	1003	002.9	85	040	03	0090	002.7	84	040	03	1399	-00.6	61	325	10	2930	-08.7	27	337	11
10	1005	000.3	92	090	03	0106	000.3	91	141	02	1420	001.2	76	281	02	2950	-09.2	86	284	05
11	1003	005.5	79	060	01	0091	006.6	72	060	01	1423	002.1	66	185	03	2957	-10.0	81	300	02
12	1000	003.8	76	090	02	0066	003.8	76	090	02	1382	000.0	50	190	06	2904	-10.8	32	186	09
13	1001	001.8	86	070	05	0074	001.7	95	070	05	1388	000.3	48	079	05	2922	-07.5	43	197	03
14	1006	00.3	96	020	05	0114	-01.8	94	010	04	1405	-00.9	60	004	04	2990	-06.6	92	071	02
15	1012	-01.1	84	020	02	0161	-01.8	93	005	03	1454	-02.1	83	081	04	2950	-06.6	89	176	04
16	1009	001.1	95	330	02	0138	000.0	84	350	03	1436	-01.4	93	074	09	2976	-05.8	90	072	08
17	1000	003.9	92	360	06	0066	003.9	92	360	06	1391	004.5	98	353	17	2951	-05.1	87		
18	0997	000.8	92	020	04	0032	.				1328	-05.8	90	344	09	2838	-11.5	83	335	11
19	0996	000.9	85	080	03	0036	.				1322	-04.9	87	210	09	2827	-14.6	89	240	13
20	0998	-00.3	100	340	02	0036	.				1332	-05.0	96	235	07	2843	-11.4	89	235	14
21	0997	-00.3	92	070	05	0033	.				1327	-06.4	76	329	05	2826	-13.8	89	254	09
22	1001	-00.2	96	090	05	0074	-00.3	95	084	02	1367	-04.3	94	257	05	2872	-11.9	86	264	13
23	1011	001.8	85	090	02	0154	001.0	86	078	02	1447	-04.3	90	341	02	2961	-09.7	46	304	05
24	1006	003.9	82	110	03	0115	003.4	85	306	04	1419	-02.0	76	312	10	2942	-10.0	68	305	03
25	1007	001.2	79	320	03	0124	007.3	68	323	02	1452	000.8	56	080	02	2984	-08.7	27	140	02
26	1004	002.0	89	275	02	0098	002.3	87	295	02	1419	001.2	42	065	02	2958	-07.7	30	076	04
27	1004	-00.2	92	210	02	0098	-00.9	91	282	03	1399	-01.8	62	065	04	2930	-07.9	32	077	04
28	1009	000.4	92	230	02	0138	-00.4	89	322	03	1443	-01.1	64	078	06	2977	-07.3	52	149	04
29	1009	-00.7	88	230	04	0138	-01.8	88	335	04	1434	-02.1	78	060	10	2963	-08.8	32	086	05
30	1002	002.3	85	320	02	0082	002.3	83	334	02	1390	-01.3	66	331	04	2919	-08.8	89	311	05
31	0999	001.1	96	230	02	0055	.				1345	-05.4	94	315	13	2860	-11.6	89	329	04

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	5503	-23.9	46	286	22	7093	-35.9	40								
02	5558	-20.0	A17	295	09	7171	-30.5	67	281	25	9050	-44.3		287	38	11798	-48.4
03	5555	-20.3	A18	284	13	7184	-29.4	43	276	19	9182	-43.4		274	33	11823	-50.1
04	5565	-18.7	A17	255	16	7192	-30.1	A20	250	26	9175	-45.0		259	28	11819	-46.6
05	5593	-18.4	A17	264	05	7225	-29.1	29	285	12	9219	-44.4		293	17	11826	-55.0
06	5601	-16.4	A17	011	05	7241	-28.4	33	355	12	9234	-44.5		347	10	11841	-56.3
07	5556	-20.2	42	035	10	7183	-31.1	38	037	17	9160	-45.5		336	27	11776	-51.3
08	5499	-21.6	A18	025	11	7105	-33.6	30	010	14	9060	-48.5		010	24	11720	-45.0
09	5470	-23.7	47	338	14	7065	-35.3	45			9017	-48.9				11665	-43.8
10	5477	-22.4	A18	332	09	7081	-34.0	32	345	10	9036	-48.9		348	14	11665	-44.7
11	5481	-24.8	65	218	07	7062	-36.4	57	191	08	9001	-50.8		185	08	11667	-43.2
12	5422	-25.4	71	231	15	7008	-35.2	70	251	17	8953	-49.6		255	25	11635	-41.6
13	5463	-24.3	43	247	05	7053	-34.8	42	240	08	9003	-49.9		247	11	11661	-43.4
14	5468	-24.3	68	174	06	7056	-36.2	68	176	06	8991	-49.1		144	12	11675	-42.1
15	5533	-23.2	34	077	06	7134	-34.1	A21	173	03	9086	-47.9		193	07	11803	-42.0
16	5536	-22.2	78	063	10	7134	-35.0	72	358	09	9096	-44.5		006	13	11824	-43.6
17	5538	-17.2	43			7178	-28.3	A19			9183	-43.1				11832	-46.7
18	5352	-24.8	73	311	19	6941	-35.4	37	310	32	8900	-40.2				11697	-38.2
19	5321	-27.9	75	266	20	6892	-39.1	66	259	32	8841	-39.4		275	22	11646	-37.2
20	5352	-23.7	71	240	28	6929	-37.6	57			8880	-42.4				11675	-36.1
21	5309	-27.3	29	252	23	6884	-37.0	A22	249	38	8838	-41.1		248	34	11631	-37.2
22	5362	-28.1	70	275	22	6925	-39.2	61	279	35	8863	-42.5				11644	-38.9
23	5488	-25.1	56	302	04	7071	-36.3	63	297	06	9012	-48.9		300	16	11711	-41.2
24	5465	-24.2	41	242	02	7058	-34.3	42	250	03	9015	-47.8		232	04	11683	-42.7
25	5514	-24.6	48	107	01	7107	-35.1	35	193	06	9057	-49.5		096	13	11713	-43.3
26	5492	-24.0	33	069	05	7082	-39.4	A21	054	06	9025	-49.9		035	14	11684	-44.5
27	5468	-23.9	28	053	07	7058	-35.4	A21	041	07	9004	-50.0				11678	-42.7
28	5512	-24.5	30	001	05	7099	-35.5	A21	325	10	9042	-47.1		316	12	11766	-41.7
29	5497	-24.3	29	020	02	7088	-35.0	A21	280	10	9040	-47.3		272	16	11745	-42.4
30	5444	-25.0	58	321	04	7031	-35.9	44	294	08	8971	-48.9		279	07	11687	-41.7
31	5368	-25.9	57	018	10	6946	-37.9	43	126	15	8875	-48.7		333	12	11612	-40.8

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	13665	-41.8			16400	-41.9			17914	-42.3			21109	-39.6	
02	13709	-45.4			16427	-42.8			17933	-41.8			21133	-39.6		
03	13731	-46.1	275	42	16430	-44.8			17930	-42.4			21117	-40.3		
04	13728	-47.0			16429	-44.0			17932	-41.8			21124	-40.3		
05	13705	-47.6	269	07	16394	-45.0	000	00	17889	-45.0	133	06	21073	-41.4	157	12
06	13721	-47.9	360	02	16421	-44.0	000	00	17923	-42.3	000	00	21117	-40.5	000	00
07	13670	-46.3			16382	-43.0			17890	-41.8			21094	-40.0		
08	13652	-43.6	074	05	16388	-41.7	029	04	17904	-40.4	074	03	21112	-39.7	159	05
09	13606</															

SUMMARY OF CONSTANT PRESSURE DATA

AUGUST 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

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains altitude, temperature, RH, and wind data for various pressure levels.

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

SUMMARY OF CONSTANT PRESSURE DATA

51

AUGUST 1959

ALERT, N.W.T.

12 GMT.

STATION INSTRUMENTATION

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

PT	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.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	0996	001.3	82	275	01	0037			1341	-01.0	78	141	03	2869	-08.2	77	081	02		
02	1005	-00.9	96	240	02	0106	-01.4	94	265	02	1404	-01.3	71	071	03	2936	-07.8	66	065	07
03	1004	000.4	100	320	01	0098	000.0	99	322	01	1395	-02.2	87	015	02	2924	-07.7	91	057	05
04	1003	-00.9	92	270	01	0090	-00.9	92	310	01	1398	-01.4	72	133	03	2924	-07.7	97	128	05
05	1005	000.2	96	320	02	0106	-00.3	93	284	03	1407	-01.2	60	259	04	2948	-05.3	23	321	03
06	1005	003.0	82	045	03	0106	002.1	80	120	03	1416	-01.7	53	189	04	2951	-07.3	33	145	04
07	1007	001.2	85	000	00	0122	-00.1	84	000	00	1426	-03.1	76	232	02	2931	-12.5	78	166	02
08	1003	001.3	92	280	02	0090	001.1	91	293	02	1385	-03.0	85	104	03	2892	-13.1	77	136	03
09	0999	003.4	76	045	02	0056					1364	-03.9	64	250	05	2866	-11.7	64	254	05
10	1002	009.2	52	240	09	0083	009.0	52	240	09	1411	000.7	41	305	04	2937	-11.3	72	285	05
11	1007	009.4	56	230	11	0124	008.9	54	225	11	1445	000.9	40	239	08	2978	-07.7	43	054	09
12	1011	004.7	79	200	02	0155	007.1	62	213	02	1476	-02.2	54	209	04	2996	-09.1	34	066	10
13	1012	002.0	85	045	05	0161	001.4	85	053	07	1455	-03.9	67	336	12	2976	-07.1	91	028	10
14	1012	000.0	96	330	06	0161	-00.3	96	329	12	1448	-05.9	92	331	17	2975	-04.9	91		
15	1017	000.0	100	340	05	0201	-01.2	100	351	06	1489	-04.4	94	025	12	3016	-06.3	96	028	14
16	1020	-02.6	96	110	03	0222	-03.9	76	125	04	1519	-00.1	42	115	03	3059	-05.6	115	074	12
17	1018	-03.1	96	310	04	0207	-04.2	92	334	05	1507	001.8	94	196	08	3057	-05.2	49	096	05
18	1016	-01.1	100	340	03	0193	-02.2	98	334	03	1479	-01.9	72	350	12	3015	-07.7	41	360	11
19	1015	-00.7	96	040	01	0184	-01.6	95	359	01	1463	-07.3	93	064	04	2960	-13.1	73	026	04
20	1016	-02.7	100	260	02	0192	-02.9	98	306	02	1470	-07.5	88	055	04	2973	-11.7	83	046	07
21	1019	-01.4	100	090	05	0214	-02.6	99	027	05	1487	-06.5	89	057	08	3000	-09.8	75	060	13
22	1020	-02.8	92	000	00	0222	-03.5	82	000	00	1516	-02.7	53	031	12	3036	-10.9	43	040	18
23	1017	-00.4	96	000	00	0201	-00.9	94	000	00	1495	-03.6	97	354	07	3008	-11.3	65	354	14
24	1015	-02.9	92	360	04	0184	-03.8	92	345	05	1468	-04.3	92	040	15	2979	-11.8	85	334	19
25	1011	-05.5	95	300	04	0121	-06.0	95	305	06	1425	-06.2	86	328	17	2934	-11.1	39		
26	1015	-03.6	96	340	02	0145	-03.6	92	329	03	1458	-09.3	83	334	08	2947	-14.5	56	344	14
27	1014	-03.5	97	330	01	0175	-03.8	94	248	02	1446	-09.8	90	295	11	2933	-14.0	77	358	05
28	1005	000.9	82	160	02	0106	000.8	81	147	02	1399	-03.4	83	145	02	2903	-14.2	89	140	03
29	0996	002.3	71	230	16	0034					1343	-01.8	90	195	02	2858	-11.2	74	215	09
30	1008	-06.2	92	340	09	0129	-06.4	90	332	11	1387	-12.7	75	283	21	2852	-20.9	40	326	03
31	1001	-01.4	91	230	16	0074	-01.3	90	220	18	1360	-07.2	80	256	10	2842	-16.4	80	245	15
MN	1009	00.0	89		141	-00.7	88			1435	-03.7	72	332	03	2951	-10.2	61	28	04	

PT	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. (on Sta.)	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.	gpm.	°C	%	deg. mps.				
01	5408	-24.0	67	290	01	6992	-37.3	63	200	02	8917	-50.4	163	02	11668	-39.2	134	06	05	
02	5477	-22.7	68	074	10	7078	-34.4	73	076	06	9028	-49.8	054	11	11722	-41.5	101	10	10	
03	5470	-23.2	77	056	06	7060	-35.7	70	029	09	9000	-48.1	036	14	11734	-40.1	101	10	10	
04	5495	-20.6	59	335	10	7110	-32.4	A20	120	20	9079	-46.8	130	22	11759	-45.3	127	14	14	
05	5515	-20.6	59	335	10	7127	-32.3	34	328	12	9096	-47.0	330	12	11720	-48.0	326	06	06	
06	5514	-20.7	52	140	07	7133	-31.0	58	091	12	9109	-46.7	127	09	11728	-48.3	136	05	06	
07	5477	-21.6	A18	139	06	7085	-31.6	46	130	08	9054	-46.8	136	12	11672	-48.3	123	08	08	
08	5439	-22.7	67	044	03	7040	-34.1	61	037	05	8993	-49.1	015	08	11657	-43.4	088	11	11	
09	5371	-24.9	74	262	05	6958	-35.8	71	252	07	8891	-50.8	269	10	11573	-41.6	077	05	05	
10	5444	-25.2	A18	244	08	7024	-38.4	A22	235	08	8935	-53.7	200	09	11604	-42.2	135	06	06	
11	5505	-26.2	A19	188	04	7072	-40.3	176	04	8969	-55.2	112	02	11633	-43.2	124	06	06		
12	5520	-25.5	56	068	09	7100	-35.4	32	082	09	9036	-51.2	105	12	11685	-45.3	096	06	06	
13	5521	-23.4	53	050	14	7118	-35.0	66	059	16	9060	-50.7	055	27	11685	-45.3				
14	5545	-21.6	68			7150	-34.2	59			9096	-50.9			11725	-45.6				
15	5553	-25.4	69	025	15	7193	-35.8	48	029	17	9074	-49.1			11692	-48.6				
16	5618	-22.9	63	081	02	7217	-35.0	54	051	01	9167	-49.4	033	02	11783	-47.8	100	02	02	
17	5606	-23.6	41	174	01	7195	-35.8	A21	127	04	9139	-49.0	248	04	11776	-46.8	134	03	03	
18	5550	-23.7	78	341	19	7150	-33.5	75	335	13	9107	-48.9	336	18	11722	-48.0	355	12	12	
19	5449	-28.3	31	352	11	7009	-39.0	A22	333	17	8939	-46.3	336	13	11672	-44.0	024	03	03	
20	5501	-24.9	78	052	22	7086	-36.7	75	053	28	9017	-50.2			11697	-44.3				
21	5520	-24.7	63	095	20	7110	-34.3	32	056	23	9060	-48.8			11696	-46.8				
22	5553	-25.1	38			7135	-37.4	59			9065	-52.0			11689	-47.1				
23	5524	-25.3	80	005	13	7108	-35.7	74	555	14	9051	-49.4			11660	-48.5				
24	5485	-25.2	75	022	16	7074	-39.6	70			9008	-51.9			11594	-50.1				
25	5431	-27.9	40			7000	-38.3	32			8924	-51.7			11559	-46.7				
26	5437	-27.9	59	335	20	7000	-39.3	54	353	22	8912	-52.9	352	21	11547	-45.8				
27	5414	-28.9	48	355	08	6975	-38.7	48	004	06	8891	-52.9	354	02	11539	-45.0	355	07	07	
28	5388	-28.2	70	261	06	6949	-40.0	64	236	05	8860	-52.4	222	06	11522	-44.5	309	05	05	
29	5369	-25.8	74	249	16	6951	-35.5	72	254	14	8908	-48.5	289	14	11550	-45.1	276	14	14	
30	5258	-37.8	58	032	17	6782	-41.3	029	20	8726	-40.7	358	36	11506	-39.8					
31	5302	-31.4	64	269	20	6852	-40.0	52	280	31	8772	-47.8	275	32	11495	-40.5				
MN	5473	-25.2	56	15	05	7058	-36.1	53	26	05	8996	-49.6	360	04	11654	-45.0				

PT	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	13632	-40.8		125	07	16392	-40.4		120	07	17913	-39.8		112	04	21131	-40.0		112	06
02	13668	-42.3		093	13	16404	-42.4		099	12	17917	-40.7		167	05	21115	-40.8		135	05

SUMMARY OF CONSTANT PRESSURE DATA

SEPTEMBER 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

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains altitude, temperature, RH, and wind data for various days (01-30).

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains altitude, temperature, RH, and wind data for various days (01-30).

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains altitude, temperature, RH, and wind data for various days (01-30).

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains altitude, temperature, RH, and wind data for various days (01-30).

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

SUMMARY OF CONSTANT PRESSURE DATA

SEPTEMBER 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

H ft	SURFACE				1000 MBS				850 MBS				700 MBS							
	Altitude gpm. (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.				
01	1009	-05.3	91	330	07	0137	-05.6	91	310	08	1397	-11.9	86	009	05	2860	-19.7	78	018	06
02	1010	-04.2	92	120	03	0145	-04.8	92	087	03	1410	-11.0	89	308	05	2881	-18.4	82	037	06
03	1004	-06.1	92	000	00	0097	-06.3	91	000	00	1355	-12.1	89	032	02	2827	-16.7	86	074	06
04	1009	-05.2	86	230	09	0137	-05.9	73	217	06	1407	-09.6	68	189	05	2899	-14.0	69	091	12
05	1005	-05.9	92	340	06	0105	-06.1	92	336	09	1365	-11.0	89	357	11	2854	-14.4	85	045	14
06	1002	-10.2	91	340	02	0081	-10.1	91	345	03	1324	-15.2	82	086	02	2787	-17.8	81	091	10
07	1008	-11.0	88	000	00	0128	-10.3	84	000	00	1390	-08.8	82	149	01	2882	-14.3	73	091	08
08	1003	-13.9	79	280	02	0135	-11.0	64	030	01	1400	-06.5	82	077	06	2897	-14.8	76	061	07
09	1009	-10.6	93	280	02	0089	-10.7	93	276	02	1356	-03.2	86	069	14	2862	-14.0	51	095	06
10	0999	-09.8	92	060	01	0056	-	-	-	-	1330	-06.7	70	094	04	2826	-13.9	30	004	05
11	1002	-08.2	88	000	00	0081	-07.9	87	000	00	1350	-06.8	81	065	10	2844	-13.9	63	223	04
12	1000	-06.5	91	360	05	0066	-06.5	91	360	05	1318	-13.9	87	027	12	2797	-15.4	76	054	11
13	1008	-06.1	94	000	00	0129	-06.4	93	000	00	1389	-11.4	89	325	11	2862	-17.7	80	335	07
14	1002	-05.7	90	260	15	0082	-05.8	89	250	17	1359	-06.2	97	336	03	2846	-16.6	28	252	11
15	1009	-06.5	91	000	00	0136	-06.9	91	000	00	1396	-10.1	89	002	03	2873	-16.8	82	017	03
16	1012	-08.2	95	000	00	0158	-08.4	92	000	00	1411	-11.7	87	081	03	2873	-19.5	68	054	05
17	1000	-11.9	89	080	02	0066	-11.9	89	080	02	1322	-09.7	49	146	08	2796	-16.3	44	202	05
18	1002	-14.1	85	020	04	0081	-14.3	86	003	04	1303	-17.3	79	014	12	2743	-22.9	42	269	05
19	1000	-14.0	87	310	01	0066	-14.0	87	310	01	1296	-16.9	82	348	08	2735	-22.7	48	190	09
20	0994	-15.2	80	090	02	0023	-	-	-	-	1241	-19.2	83	326	14	2696	-15.9	82	345	04
21	1000	-13.2	90	300	02	0066	-13.2	90	300	02	1288	-19.1	85	360	03	2766	-12.0	73	105	11
22	0999	-18.3	94	280	02	0061	-	-	-	-	1295	-08.7	73	100	12	2785	-14.7	57	116	17
23	1001	-20.6	91	000	00	0073	-20.6	91	000	00	1317	-09.2	52	144	10	2796	-15.1	29	160	10
24	0998	-23.8	91	200	15	0082	-	-	-	-	1280	-15.0	64	167	10	2750	-17.6	57	159	13
25	1000	-09.2	91	240	18	0066	-09.2	91	240	18	1324	-11.7	69	209	09	2789	-19.4	67	212	16
26	1003	-13.4	88	000	00	0089	-12.4	80	000	00	1353	-07.5	36	231	05	2842	-16.3	37	181	05
27	1007	-22.1	84	280	03	0118	-19.7	79	298	03	1354	-11.5	46	061	12	2842	-10.4	43	154	07
28	1002	-12.2	82	-	-	0081	-12.2	80	-	-	1317	-16.9	61	-	-	2780	-17.6	41	-	-
29	1008	-12.6	86	260	06	0127	-11.2	72	245	06	1367	-16.0	54	205	09	2800	-24.8	47	178	14
30	1005	-21.2	78	000	00	0103	-18.9	78	000	00	1346	-11.5	72	185	04	2809	-18.7	78	214	15
MN	1004	-11.5	89	-	-	95	-10.3	86	-	-	1345	-11.5	70	45	02	2820	-16.7	61	122	03

H ft	500 MBS				400 MBS				300 MBS				200 MBS					
	Altitude gpm. (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.		
01	5289	-34.4	69	062	14	6820	-43.8	059	22	8727	-44.7	024	07	11483	-40.9	356	06	
02	5305	-35.0	70	029	10	6826	-44.5	022	18	8740	-43.1	070	09	11503	-40.3	087	08	
03	5308	-28.7	76	090	15	6869	-41.1	095	20	8775	-49.3	096	22	11497	-41.3	092	25	
04	5345	-31.7	63	091	25	6912	-42.6	087	22	8810	-53.9	086	24	11483	-43.4	089	10	
05	5336	-29.6	73	066	24	6893	-39.5	65	052	25	8813	-51.8	091	67	11400	-43.3	-	-
06	5234	-31.9	41	099	24	6784	-40.0	32	099	38	8695	-50.0	000	18	11442	-47.3	097	11
07	5363	-28.7	75	094	12	6924	-40.7	097	13	8823	-54.5	091	08	11438	-49.0	029	03	
08	5368	-29.6	60	055	05	6925	-40.0	61	048	06	8835	-52.3	091	08	11438	-47.0	029	03
09	5348	-28.7	55	077	09	6910	-40.2	005	04	8818	-53.7	325	07	11460	-49.0	015	07	
10	5302	-30.2	41	320	05	6852	-41.2	315	06	8762	-51.7	328	11	11419	-44.9	-	-	
11	5325	-29.3	42	302	05	6886	-40.0	32	281	10	8796	-53.1	270	11	11432	-46.1	235	05
12	5267	-29.8	41	052	07	6827	-40.2	090	06	8733	-54.0	358	02	11392	-44.2	135	01	
13	5321	-30.7	57	352	06	6871	-41.8	351	07	8768	-53.9	358	17	11422	-45.9	346	05	
14	5307	-30.3	52	316	11	6861	-39.9	62	310	12	8776	-51.9	284	07	11429	-44.7	319	09
15	5333	-31.2	73	297	07	6884	-41.7	300	10	8779	-53.2	309	13	11461	-43.0	318	07	
16	5316	-32.8	29	339	12	6856	-42.6	334	17	8758	-50.3	320	22	11465	-43.2	320	12	
17	5255	-30.7	75	271	17	6816	-38.9	72	281	18	8738	-51.7	276	24	11397	-45.7	285	17
18	5176	-31.5	48	285	14	6733	-40.0	66	250	22	8645	-51.2	244	18	11347	-43.8	248	07
19	5177	-31.2	70	198	22	6728	-40.9	191	21	8632	-52.7	197	25	11316	-43.7	191	05	
20	5171	-28.1	A19	158	06	6741	-38.1	A22	196	17	8661	-52.7	164	22	11301	-46.4	156	13
21	5276	-26.3	74	105	20	6853	-38.9	A4	117	30	8761	-53.7	127	39	11378	-48.8	-	-
22	5252	-29.7	31	095	29	6811	-40.0	A22	120	24	8732	-49.7	125	28	11362	-46.4	-	-
23	5270	-30.2	A20	132	24	6826	-40.6	155	25	8615	-51.5	159	20	11308	-45.6	-	-	
24	5195	-32.9	58	147	19	6792	-44.6	188	16	8612	-54.3	181	15	11283	-46.5	161	14	
25	5223	-35.6	54	200	13	6738	-47.7	188	16	8612	-54.3	191	42	11391	-48.1	185	18	
26	5297	-32.8	40	177	09	6835	-43.6	185	19	8734	-50.6	191	42	11391	-48.1	-	-	
27	5393	-21.5	59	181	28	7000	-34.6	71	171	40	8949	-49.7	151	23	11515	-60.3	-	-
28	5227	-32.7	40	-	-	6773	-42.3	8693	-46.6	-	-	151	23	11412	-45.3	-	-	
29	5182	-38.8	53	160	16	6691	-46.7	145	21	8586	-45.1	151	23	11314	-43.1	-	-	
30	5256	-33.0	78	224	26	6804	-39.4	71	-	-	8728	-49.9	-	-	11390	-45.2	-	-
MN	5281	-30.9	54	116	05	6833	-41.2	52	128	06	8741	-51.2	127	07	11409	-45.5	-	-

H ft	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude gpm. (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm. (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.
01	13437	-42.0	347	04	16170	-43.9	015	03	17666	-44.6	095	02	20815	-45.1	081	02
02	13454	-43.0	072	07	16181	-44.3	091	05	17673	-45.0	124	05	20803	-46.0	083	05
03	13440	-42.6	-	-	16168	-44.2	-	-	17662	-44.2	-	-	20806	-45.0	-	-
04	13420	-43.0	086	14	16144	-44.0	100	07	17638	-44.9	106	06	20770	-46.4	116	03
05	13374	-43.6	-	-	16103	-43.6	-	-	17599	-45.3	-	-	20733	-46.4	-	-
06	13336	-43.4	-	-	16068	-43.7	-	-	17565	-44.3	-	-	20706	-45.4	-	-
07	13356	-45.4	097	07	16065	-44.9	094	03	17560	-44.7	081	02	20695	-46.7	093	02
08	13335	-47.2	041													

SUMMARY OF CONSTANT PRESSURE DATA

OCTOBER 1959

ALERT, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR458 RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74082 82°30'N 62°20'W 66 METERS

Alt ft	SURFACE				1000 MBS				850 MBS				700 MBS			
	Altitude (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. 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	1002	-19.6	83	315 02	0082	-19.2	82	307 02	1330	-10.3	78	215 05	2806	-15.9	70	214 12
02	1002	-20.6	79	290 03	0081	-20.2	79	304 02	1341	-09.6	68	143 03	2853	-09.5	71	208 04
03	1004	-17.1	85	320 05	0096	-17.2	85	329 05	1336	-07.1	78	071 07	2845	-10.5	69	159 01
04	1002	-13.8	85	360 03	0081	-14.1	85	360 04	1311	-11.0	79	040 13	2803	-12.8	78	126 04
05	1003	-16.6	83	270 02	0089	-16.6	83	274 03	1311	-14.1	80	006 08	2777	-13.3	75	045 01
06	1013	-14.2	85	330 05	0164	-13.9	79	330 05	1394	-13.4	83	073 04	2866	-15.1	80	240 01
07	1013	-20.7	79	000 00	0161	-20.9	78	000 00	1386	-08.1	70	077 18	2892	-11.7	40	085 13
08	1005	-18.4	86	330 02	0103	-18.8	85	340 03	1328	-06.2	59	305 06	2844	-09.1	A15	138 03
09	1008	-15.6	86	000 00	0127	-14.9	85	000 00	1364	-10.8	84	235 06	2867	-09.9	89	230 04
10	1006	-22.7	80	000 00	0110	-21.3	81	000 00	1355	-08.9	67	237 17	2830	-19.0	46	226 20
11	1007	-16.3	81	000 00	0118	-16.9	75	000 00	1350	-12.9	83	097 05	2834	-14.6	78	217 12
12	1006	-15.1	82	000 00	0111	-15.3	81	000 00	1359	-14.0	83	183 13	2825	-14.0	83	183 13
13	1008	-22.4	81	000 00	0125	-19.5	76	000 00	1347	-16.3	71	230 07	2794	-21.9	66	221 16
14	1008	-19.4	88	280 02	0126	-19.4	87	300 03	1333	-19.0	81	252 03	2762	-23.8	77	207 06
15	1008	-21.0	81	000 00	0125	-20.8	80	000 00	1331	-19.6	79	018 07	2758	-26.0	76	166 02
16	1007	-27.6	76	000 00	0116	-24.0	73	000 00	1331	-17.9	61	155 04	2756	-25.4	57	298 03
17	1011	-22.3	81	000 00	0146	-20.2	72	000 00	1351	-21.1	73	241 02	2771	-26.3	72	237 04
18	1007	-23.2	83	230 02	0117	-20.0	71	226 03	1328	-17.9	54	209 04	2760	-24.0	34	260 04
19	999	-28.1	87	360 03	0055	.	.	.	1256	-15.8	52	355 01	2728	-15.0	A16	105 03
20	991	-26.6	82	330 02	0000	.	.	.	1194	-18.7	52	240 09	2646	-15.9	A17	255 07
21	996	-29.1	82	270 02	0036	.	.	.	1234	-21.1	72	204 05	2675	-19.8	42	161 08
22	1001	-27.9	82	000 00	0073	-27.8	82	666 66	1262	-22.9	80	666 66	2724	-16.7	75	137 06
23	1003	-23.7	83	360 02	0088	-24.2	80	358 03	1278	-14.5	75	081 05	2768	-12.3	29	178 10
24	1005	-21.9	78	020 03	0103	-22.4	78	016 03	1287	-19.1	81	090 03	2763	-19.9	78	219 08
25	1013	-25.8	87	270 01	0152	-22.6	68	306 02	1361	-11.9	69	356 10	2845	-16.2	41	135 06
26	1001	-26.0	87	360 04	0073	-25.8	85	360 04	1274	-11.1	75	082 10	2754	-15.0	A16	095 14
27	1007	-27.8	76	000 00	0116	-27.0	74	000 00	1314	-16.4	44	219 13	2765	-18.8	35	106 03
28	1010	-26.3	77	000 00	0138	-26.4	78	000 00	1323	-22.9	71	077 04	2765	-25.6	73	068 14
29	996	-27.9	82	000 00	0038	.	.	.	1224	-22.9	68	086 02	2649	-22.5	26	291 02
30	987	-20.4	85	000 00	-0.32	.	.	.	1166	-21.1	81	013 09	2601	-24.0	79	050 12
31	981	-15.7	84	250 03	-0.79	.	.	.	1141	-16.8	75	348 03	2577	-23.1	67	061 04
MN	1004	-21.7	82	.	92	-20.4	79	.	1306	-15.1	72	103 01	2771	-17.5	56	175 03

Alt ft	500 MBS				400 MBS				300 MBS				200 MBS				
	Altitude (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. 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	5299	-27.0	76	221 33	6868	-40.0	70	220 22	8788	-50.0	.	.	11396	-50.7	.	.	
02	5365	-27.2	66	231 11	6930	-40.0	46	226 11	8842	-51.3	235	14	11438	-52.7	224	18	
03	5366	-25.6	50	252 10	6951	-36.1	48	244 11	8890	-50.0	230	28	11462	-56.2	233	15	
04	5306	-26.9	76	225 05	6876	-39.4	67	187 07	8784	-53.8	149	09	11371	-52.8	224	09	
05	5275	666.6	191	07	6833	-40.8	132	12	8730	-54.8	199	07	11343	-50.1	193	08	
06	5329	-31.2	70	047 02	6882	-40.0	51	023 04	8790	-52.4	280	02	11411	-50.0	231	07	
07	5379	-31.6	31	109 11	6920	-42.9	121	10	8835	-49.1	190	10	11510	-46.9	191	10	
08	5366	-26.3	36	224 08	6938	-37.1	A22	206 22	8877	-48.8	205	33	11521	-49.3	205	19	
09	5390	-26.0	78	171 05	6968	-38.6	70	203 05	8885	-49.2	146	12	11551	-48.0	150	12	
10	5302	-22.4	41	6911	-30.9	49	6911	-30.9	49	8890	-45.2	.	.	11596	-53.1	.	.
11	5309	-29.8	52	215 33	6867	-39.1	38	204 31	8798	-49.5	.	.	11434	-48.9	.	.	
12	5298	-31.3	68	200 14	6835	-44.5	185	12	8700	-54.7	196	09	11340	-47.6	194	16	
13	5206	-36.6	54	210 17	6715	-44.9	217	25	8606	-51.1	206	30	11268	-48.0	.	.	
14	5151	-37.0	67	208 14	6669	-44.8	200	20	8554	-52.8	193	27	11194	-50.5	188	23	
15	5157	-34.0	46	209 11	6684	-45.7	175	15	8550	-56.8	181	12	11163	-50.0	193	21	
16	5145	-37.3	A22	204 08	6655	-47.0	190	09	8525	-54.1	182	12	11158	-49.8	200	11	
17	5152	-38.3	71	246 03	6653	-48.5	211	06	8513	-55.1	267	04	11147	-49.7	244	08	
18	5163	-36.2	A22	265 11	6689	-44.9	268	14	8563	-56.7	270	18	11143	-53.2	230	13	
19	5201	-31.8	A20	141 05	6742	-42.6	126	17	8639	-53.6	178	12	11213	-55.4	190	24	
20	5107	-31.9	58	245 03	6649	-41.2	208	05	8949	-52.1	170	08	11196	-49.7	155	31	
21	5113	-33.6	40	165 22	6650	-42.7	160	23	8946	-53.6	214	48	11171	-48.1	.	.	
22	5176	-31.8	51	181 19	6725	-41.8	165	17	8614	-55.9	160	21	11207	-52.4	.	.	
23	5281	-25.6	61	187 23	6859	-37.0	43	182	26	8787	-51.8	184	35	11303	-64.0	.	.
24	5281	-28.9	A19	162 10	6812	-38.9	A22	187 15	8744	-48.9	165	26	11319	-61.7	139	16	
25	5290	-32.8	A20	174 19	6834	-42.0	171	26	8713	-58.1	170	36	11265	-55.5	.	.	
26	5221	-30.3	A20	085 23	6771	-41.8	082	25	8663	-54.9	.	.	11225	-55.8	.	.	
27	5215	-33.4	39	054 08	6747	-44.2	102	14	8626	-54.5	107	12	11231	-53.2	081	06	
28	5145	-35.1	32	091 19	6667	-45.7	080	26	8540	-55.1	.	.	11163	-52.0	.	.	
29	5072	-34.7	36	097 09	6599	-44.6	102	09	8472	-54.7	076	12	10998	-50.5	087	08	
30	4989	-37.8	70	063 09	6496	-47.9	081	07	8357	-53.4	116	07	10998	-50.1	100	06	
31	4984	-36.7	A21	161 11	6520	-43.1	160	23	8416	-52.9	141	26	11091	-51.5	130	11	
MN	5226	-31.6	47	180 08	6771	-41.9	48	171 11	8671	-52.7	187	15	11286	-51.8	180	11	

Alt ft	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sta.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. 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	13280	-50.0	.	.	15925	-51.1	.	.	17369	-53.5	.	.	20367	-56.9	.	.
02	13310	-52.0	225	12	15936	-51.5	235	07	17378	-54.0	257	04	20373	-57.2	262	05
03	13312	-52.9	237	10	15928	-53.4	243	08	17358	-54.4	242	06	20352	-57.1	246	13
04	13242	-50.4	236	10	15881	-52.8	216	07	17315	-54.0	222	06	20305	-57.3	248	06
05	13229	-49.6	200	06	15872	-51.9	215	04	17312	-54.0	200	10	20300	-58.4	206	05
06	13294	-50.1	000	00	15932	-52.1	184	04	17371	-54.1	179	04	20356	-58.5	189	05
07	13359	-50.5	185	20	16020	-53.1	202	07	17450	-55.2	210	12	20419	-59.7	.	.
08	13397	-52.3	205	17	15997	-55.4	199	02	17415	-56.5	227	08	20356	-62.2		

SUMMARY OF CONSTANT PRESSURE DATA

NOVEMBER 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

Table with columns for Day, SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains altitude, temperature, R.H., and wind data.

Table with columns for Day, 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains altitude, temperature, R.H., and wind data.

Table with columns for Day, 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains altitude, temperature, R.H., and wind data.

Table with columns for Day, 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains altitude, temperature, R.H., and wind data.

A - Statistical Value for Relative Humidity
B - Stratum of Missing Data
C - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

DECEMBER 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

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

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

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

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

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

SUMMARY OF CONSTANT PRESSURE DATA

JULY 1959

CLYDE, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

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

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

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

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

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 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

SUMMARY OF CONSTANT PRESSURE DATA

JULY 1959

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74090 70°27'N 68°33'W 16 METERS

CLYDE, N.W.T.

12 GMT.

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Includes sub-columns for Altitude, Temp., R.H., and Wind.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Includes sub-columns for Altitude, Temp., R.H., and Wind.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Includes sub-columns for Altitude, Temp., R.H., and Wind.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Includes sub-columns for Altitude, Temp., R.H., and Wind.

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

SUMMARY OF CONSTANT PRESSURE DATA

AUGUST 1959

CLYDE, N.W.T.

00 GMT.

STATION INSTRUMENTATION
USWB type radiosonde, Metox RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74090 70°27'N 68°33'W 16 METERS

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

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

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

Table with columns for Day, 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

SUMMARY OF CONSTANT PRESSURE DATA

SEPTEMBER 1959

CLYDE, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

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

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.

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.

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.

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

SUMMARY OF CONSTANT PRESSURE DATA

OCTOBER 1959

CLYDE, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

INDEX No. LATITUDE LONGITUDE ELEVATION
74090 70°27'N 66°33'W 16 METERS

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Rows include Altitude, Temp., R.H., and Wind data for various pressure levels.

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

SUMMARY OF CONSTANT PRESSURE DATA

DECEMBER 1959

CLYDE, N.W.T.

00 GMT.

STATION INSTRUMENTATION
USWB type radiosonde, Metox RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
74090 70°27'N 68°33'W 16 METERS

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains Altitude, Temp., R.H., and Wind data.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains Altitude, Temp., R.H., and Wind data.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains Altitude, Temp., R.H., and Wind data.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains Altitude, Temp., R.H., and Wind data.

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

SUMMARY OF CONSTANT PRESSURE DATA

JULY 1959

EUREKA, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR458 RDF tracking equipment
INDEX No. LATITUDE LONGITUDE ELEVATION
72917 80°00'N 85°56'W 7 METERS

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

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

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

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

A - Statistical Value for Relative Humidity
B - Stratum of Missing Data
C - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

AUGUST 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

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

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

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

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

A - Statistical Value for Relative Humidity
B - Stratum of Missing Data
C - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

SEPTEMBER 1959

EUREKA, N.W.T.

00 GMT.

STATION INSTRUMENTATION

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

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

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

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

Table with columns for Day, 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
B - Stratum of Missing Data
C - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

OCTOBER 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

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

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

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

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

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

SUMMARY OF CONSTANT PRESSURE DATA

NOVEMBER 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

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Includes sub-columns for Altitude, Temp., R.H., and Wind (deg, mps).

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Includes sub-columns for Altitude, Temp., R.H., and Wind (deg, mps).

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Includes sub-columns for Altitude, Temp., R.H., and Wind (deg, mps).

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Includes sub-columns for Altitude, Temp., R.H., and Wind (deg, mps).

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

SUMMARY OF CONSTANT PRESSURE DATA

DECEMBER 1959

EUREKA, N.W.T.

00 GMT.

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

Table with columns for SURFACE, 1000 MBS, 850 MBS, 700 MBS. Rows include date, time, altitude, temperature, RH, wind.

Table with columns for 500 MBS, 400 MBS, 300 MBS, 200 MBS. Rows include date, time, altitude, temperature, RH, wind.

Table with columns for 150 MBS, 100 MBS, 80 MBS, 50 MBS. Rows include date, time, altitude, temperature, RH, wind.

Table with columns for 30 MBS, 25 MBS, 20 MBS, 10 MBS. Rows include date, time, altitude, temperature, RH, wind.

A — Statistical Value for Relative Humidity
B — Stratum of Missing Data
C — Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

DECEMBER 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

Table with 14 columns (Altnude, Temp., R.H., Wind) and 5 main sections: SURFACE, 1000 MBS, 850 MBS, 700 MBS, 500 MBS. Rows 01-31.

Table with 14 columns (Altnude, Temp., R.H., Wind) and 5 main sections: 500 MBS, 400 MBS, 300 MBS, 200 MBS. Rows 01-31.

Table with 14 columns (Altnude, Temp., R.H., Wind) and 5 main sections: 150 MBS, 100 MBS, 80 MBS, 50 MBS. Rows 01-31.

Table with 14 columns (Altnude, Temp., R.H., Wind) and 5 main sections: 30 MBS, 25 MBS, 20 MBS, 10 MBS. Rows 01-31.

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

SUMMARY OF CONSTANT PRESSURE DATA

JULY 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

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains altitude, temperature, RH, and wind data for various days.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains altitude, temperature, RH, and wind data for various days.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains altitude, temperature, RH, and wind data for various days.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains altitude, temperature, RH, and wind data for various days.

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

SUMMARY OF CONSTANT PRESSURE DATA

AUGUST 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

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

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

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

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

A - Statistical Value for Relative Humidity
B - Stratum of Missing Data
C - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

SEPTEMBER 1959

ISACHSEN, N.W.T.

00 GMT.

STATION INSTRUMENTATION
USW8 type radiosonde, SCR558 RDF tracking equipment
INDEX No. 74074 LATITUDE 78°47'N LONGITUDE 103°32'W ELEVATION 30 METERS

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains altitude, temperature, RH, and wind data for various pressure levels.

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

SUMMARY OF CONSTANT PRESSURE DATA

OCTOBER 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

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains altitude, temperature, RH, and wind data.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains altitude, temperature, RH, and wind data.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains altitude, temperature, RH, and wind data.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains altitude, temperature, RH, and wind data.

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

SUMMARY OF CONSTANT PRESSURE DATA

NOVEMBER 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

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

SUMMARY OF CONSTANT PRESSURE DATA

DECEMBER 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 (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.						
	01	1003	-30	6	74 350	05	0052	-30	8	74 350	05	1212	-25	3	74	017	11	2598	-32	4	71	021	17
MN	1017	-33	6	69		75	-32	0	61		1249	-24	9	64	287	03	2652	-29	2	54	296	05

Day	500 MBS				400 MBS				300 MBS				200 MBS				
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	
	01	4921	-43	1	020 19	6413	-47	5	018 17	8303	-62	0	010 10	10962	-49	9	327 07
MN	5000	-41	5	44	278	03	6489	-49	7	261	06	8344	-54	9	10951	-52	8

Day	150 MBS				100 MBS				80 MBS				50 MBS			
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
	01	12843	-50	9	295 06	15473	-54	0	277 18	16901	-55	0	275 19	19851	-63	0	270 28
MN	12808	-53	3		15411	-55	0		16832	-56	3		19829	-56	3	

Day	30 MBS				25 MBS				20 MBS				10 MBS			
	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.	Altitude (Pres. on Sfc.)	Temp. °C	R.H. %	Wind deg. mps.	Altitude gpm.	Temp. °C	R.H. %	Wind deg. mps.
	01	22929	-70	8	277 50	24008										
MN	23314	-54	2		24923	-53	2		26115	-50	6					

A - Statistical Value for Reserve Summary
 & - Statum of Missing Data
 * - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

JULY 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

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

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.

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.

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.

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

SUMMARY OF CONSTANT PRESSURE DATA

AUGUST 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

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

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

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

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

A - Statistical Value for Relative Humidity
B - Stratum of Missing Data
C - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

AUGUST 1959

STATION INSTRUMENTATION

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

MOULD BAY, N.W.T.

12 GMT.

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains sub-columns for Altitude (gpm, pressure on Sta), Temp, R.H., and Wind (deg, mps).

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains sub-columns for Altitude (gpm, pressure on Sta), Temp, R.H., and Wind (deg, mps).

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains sub-columns for Altitude (gpm, pressure on Sta), Temp, R.H., and Wind (deg, mps).

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains sub-columns for Altitude (gpm, pressure on Sta), Temp, R.H., and Wind (deg, mps).

A - Statistical Value For Relative Humidity
B - Stream of Missing Data
* - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

SEPTEMBER 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

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains altitude, temperature, R.H., and wind data.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains altitude, temperature, R.H., and wind data.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains altitude, temperature, R.H., and wind data.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains altitude, temperature, R.H., and wind data.

A - Statistical Value for Relative Humidity
B - Stratum of Missing Data
C - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

OCTOBER 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

Table with columns for Day, SURFACE, 1000 MBS, 850 MBS, 700 MBS. Includes altitude, temperature, RH, and wind data for various days in October 1959.

Table with columns for Day, 500 MBS, 400 MBS, 300 MBS, 200 MBS. Includes altitude, temperature, RH, and wind data for various days in October 1959.

Table with columns for Day, 150 MBS, 100 MBS, 80 MBS, 50 MBS. Includes altitude, temperature, RH, and wind data for various days in October 1959.

Table with columns for Day, 30 MBS, 25 MBS, 20 MBS, 10 MBS. Includes altitude, temperature, RH, and wind data for various days in October 1959.

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

STATION OF CONSTANT PRESSURE DATA

OCTOBER 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.

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column includes Altitude, Temp., R.H., and Wind data.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column includes Altitude, Temp., R.H., and Wind data.

MO 1012 -19.7 81 110 -18.9 80 1331 -17.1 74 334 04 2774 -22.2 66 328 03

MO 5188 -35.3 50 306 05 6712 -45.2 33 285 05 8590 -54.3 282 07 11203 -50.8 304 06

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column includes Altitude, Temp., R.H., and Wind data.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column includes Altitude, Temp., R.H., and Wind data.

MO 13077 -51.1 292 05 15706 -53.3 285 05 17137 -57.0 20120 -58.2 285 06

MO 23336 -60.6 24468 -61.2 25941 -61.1 30213 -63.3

A - Statistical Value for Relative Humidity
B - System of Missing Data
* - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

NOVEMBER 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

Table with columns for SURFACE, 1000 MBS, 850 MBS, 700 MBS. Includes altitude, temperature, R.H., and wind speed/direction for various days.

Table with columns for 500 MBS, 400 MBS, 300 MBS, 200 MBS. Includes altitude, temperature, R.H., and wind speed/direction for various days.

Table with columns for 150 MBS, 100 MBS, 80 MBS, 50 MBS. Includes altitude, temperature, R.H., and wind speed/direction for various days.

Table with columns for 30 MBS, 25 MBS, 20 MBS, 10 MBS. Includes altitude, temperature, R.H., and wind speed/direction for various days.

A - Statistical Value for Relative Humidity
B - Stratum of Missing Data
C - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

DECEMBER 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

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains altitude, temperature, RH, and wind data. Includes a summary row for MN 1008.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains altitude, temperature, RH, and wind data. Includes a summary row for MN 5046.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains altitude, temperature, RH, and wind data. Includes a summary row for MN 12878.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains altitude, temperature, RH, and wind data. Includes a summary row for MN 23636.

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

SUMMARY OF CONSTANT PRESSURE DATA

109

JULY 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.

Table with columns for Altitude (gpm, on Sta.), Temp. (C), R.H. (%), Wind (deg, mps), and pressure levels (SURFACE, 1000 MBS, 850 MBS, 700 MBS). Includes station identification and time series data.

Table with columns for Altitude (gpm, on Sta.), Temp. (C), R.H. (%), Wind (deg, mps), and pressure levels (500 MBS, 400 MBS, 300 MBS, 200 MBS). Includes station identification and time series data.

Table with columns for Altitude (gpm, on Sta.), Temp. (C), R.H. (%), Wind (deg, mps), and pressure levels (150 MBS, 100 MBS, 80 MBS, 50 MBS). Includes station identification and time series data.

Table with columns for Altitude (gpm, on Sta.), Temp. (C), R.H. (%), Wind (deg, mps), and pressure levels (30 MBS, 25 MBS, 20 MBS, 10 MBS). Includes station identification and time series data.

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

SUMMARY OF CONSTANT PRESSURE DATA

AUGUST 1959

RESOLUTE, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, SCR658 RDF tracking equipment

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

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and time stamps.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and time stamps.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and time stamps.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and time stamps.

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

SUMMARY OF CONSTANT PRESSURE DATA

SEPTEMBER 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

Table with columns for SURFACE, 1000 MBS, 850 MBS, 700 MBS, and MN. Each column contains altitude, temperature, RH, and wind data.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains altitude, temperature, RH, and wind data.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains altitude, temperature, RH, and wind data.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains altitude, temperature, RH, and wind data.

A — Statistical Value for Relative Humidity
B — Stratum of Missing Data
C — Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

OCTOBER 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

Table with columns for SURFACE, 1000 MBS, 650 MBS, and 700 MBS. Each column contains altitude, temperature, relative humidity, and wind speed/direction data.

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.

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.

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.

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

SUMMARY OF CONSTANT PRESSURE DATA

DECEMBER 1959

RESOLUTE, N.W.T.

00 GMT.

STATION INSTRUMENTATION

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

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains Altitude, Temp., R.H., and Wind data for various pressure levels.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains Altitude, Temp., R.H., and Wind data for various pressure levels.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains Altitude, Temp., R.H., and Wind data for various pressure levels.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains Altitude, Temp., R.H., and Wind data for various pressure levels.

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

SUMMARY OF CONSTANT PRESSURE DATA

DECEMBER 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.

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Rows include Day, Altitude, Temp., R.H., and Wind data.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Rows include Day, Altitude, Temp., R.H., and Wind data.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Rows include Day, Altitude, Temp., R.H., and Wind data.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Rows include Day, Altitude, Temp., R.H., and Wind data.

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

SUMMARY OF CONSTANT PRESSURE DATA

JULY 1959

SACHS HARBOUR, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Long RFD 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, and 700 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and various atmospheric readings.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and various atmospheric readings.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and various atmospheric readings.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include station numbers and various atmospheric readings.

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

SUMMARY OF CONSTANT PRESSURE DATA

AUGUST 1959

SACHS HARBOUR, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metax 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 sub-columns for Altitude, Temp., R.H., Wind, and gpm.

Table with columns for Day, 500 MBS, 400 MBS, 300 MBS, 200 MBS. Includes sub-columns for Altitude, Temp., R.H., Wind, and gpm.

Table with columns for Day, 150 MBS, 100 MBS, 80 MBS, 50 MBS. Includes sub-columns for Altitude, Temp., R.H., Wind, and gpm.

Table with columns for Day, 30 MBS, 25 MBS, 20 MBS, 10 MBS. Includes sub-columns for Altitude, Temp., R.H., Wind, and gpm.

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

SUMMARY OF CONSTANT PRESSURE DATA

SEPTEMBER 1959

SACHS HARBOUR, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

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

Table with columns for SURFACE, 1000 MBS, 850 MBS, 700 MBS. Includes sub-headers for Altitude, Temp., R.H., and Wind for each pressure level.

Table with columns for 500 MBS, 400 MBS, 300 MBS, 200 MBS. Includes sub-headers for Altitude, Temp., R.H., and Wind for each pressure level.

Table with columns for 150 MBS, 100 MBS, 80 MBS, 50 MBS. Includes sub-headers for Altitude, Temp., R.H., and Wind for each pressure level.

Table with columns for 30 MBS, 25 MBS, 20 MBS, 10 MBS. Includes sub-headers for Altitude, Temp., R.H., and Wind for each pressure level.

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

SUMMARY OF CONSTANT PRESSURE DATA

OCTOBER 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 SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include time and various atmospheric measurements.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include time and various atmospheric measurements.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include time and various atmospheric measurements.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Each column contains sub-columns for Altitude, Temp., R.H., and Wind. Data rows include time and various atmospheric measurements.

A - Statistical Value for Relative Humidity
B - Stratum of Missing Data
C - Vector Mean Wind

SUMMARY OF CONSTANT PRESSURE DATA

NOVEMBER 1959

SACHS HARBOUR, N.W.T.

00 GMT.

STATION INSTRUMENTATION

USWB type radiosonde, Metox RDF tracking equipment

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

Table with columns for SURFACE, 1000 MBS, 850 MBS, and 700 MBS. Rows include date, altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 500 MBS, 400 MBS, 300 MBS, and 200 MBS. Rows include date, altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 150 MBS, 100 MBS, 80 MBS, and 50 MBS. Rows include date, altitude, temperature, RH, and wind data for various pressure levels.

Table with columns for 30 MBS, 25 MBS, 20 MBS, and 10 MBS. Rows include date, altitude, temperature, RH, and wind data for various pressure levels.

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

SUMMARY OF CONSTANT PRESSURE DATA

DECEMBER 1959

SACHS HARBOR, N.W.T.

STATION INSTRUMENTATION

USWB type radiosonde, Metax RDF tracking equipment

00 GMT.

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

Table with 15 columns: SURFACE, 1000 MBS, 850 MBS, 700 MBS. Columns include Altitude, Temp., R.H., and Wind (deg., mps.) for each level.

Table with 15 columns: 500 MBS, 400 MBS, 300 MBS, 200 MBS. Columns include Altitude, Temp., R.H., and Wind (deg., mps.) for each level.

Table with 15 columns: 150 MBS, 100 MBS, 80 MBS, 50 MBS. Columns include Altitude, Temp., R.H., and Wind (deg., mps.) for each level.

Table with 15 columns: 30 MBS, 25 MBS, 20 MBS, 10 MBS. Columns include Altitude, Temp., R.H., and Wind (deg., mps.) for each level.

A - Statistical Value for Relative Humidity
B - Structure of Missing Data
C - Vector Mean Wind

SPECIAL AEROLOGICAL DATA

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ALERT, N.W.T.

00 GMT.

SEPTEMBER 1959

12 GMT.

Day	SURFACE					FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX WIND LEVEL			Day	SURFACE					FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX WIND LEVEL																																							
	SYNOPTIC DATA					Lowest	Highest															SYNOPTIC DATA					Lowest	Highest																																																		
	h	mm	ww	pppp	q	h	mm	ft	ft	ft	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h		mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm
01	872	--	71	2	16	0	1	07	09	302	-44	0	301	0	9	01	44	842	336	10	10	00	300	-48	4	302	0	1	07	09	302	-44	0	301	0	9	01	44	842	336	10	10	00	300	-48	4	302	0										
MEAN																																																																														

00 GMT.

OCTOBER 1959

12 GMT.

Day	SURFACE					FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX WIND LEVEL			Day	SURFACE					FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX WIND LEVEL																							
	SYNOPTIC DATA					Lowest	Highest															SYNOPTIC DATA					Lowest	Highest																																		
	h	mm	ww	pppp	q	h	mm	ft	ft	ft	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h		mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm	Temp. C	ft	h	mm
01	00901	02	7	11	0	1	10	02	248	-57	9	320	0	4	05	57	482	220	40	10	00	300	-56	6	319	0	1	09	73	258	-56	6	319	0	4	06	55	413	225	33						
MEAN																																																														

SPECIAL AEROLOGICAL DATA

ALERT, N.W.T.

00 GMT.

NOVEMBER 1959

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include station data for days 01-30.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include station data for days 01-30.

MEAN

MEAN

00 GMT.

DECEMBER 1959

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include station data for days 01-31.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include station data for days 01-31.

MEAN

MEAN

SPECIAL AEROLOGICAL DATA

CLYDE, N.W.T.

JULY 1959

00 GMT.

12 GMT.

Table for July 1959 00 GMT. Columns include Day, Synoptic Data, Freezing Levels (Lowest, Highest), Tropopause (I, II), and Max. Wind Level. Rows list various days from 01 to 31.

Table for July 1959 12 GMT. Columns include Day, Synoptic Data, Freezing Levels (Lowest, Highest), Tropopause (I, II), and Max. Wind Level. Rows list various days from 01 to 31.

00 GMT.

12 GMT.

AUGUST 1959

Table for August 1959 00 GMT. Columns include Day, Synoptic Data, Freezing Levels (Lowest, Highest), Tropopause (I, II), and Max. Wind Level. Rows list various days from 01 to 31.

Table for August 1959 12 GMT. Columns include Day, Synoptic Data, Freezing Levels (Lowest, Highest), Tropopause (I, II), and Max. Wind Level. Rows list various days from 01 to 31.

SPECIAL AEROLOGICAL DATA

CLYDE, N.W.T.

00 GMT.

SEPTEMBER 1959

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX WIND LEVEL. Rows include synoptic data and various atmospheric measurements for 00 GMT on September 1959.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX WIND LEVEL. Rows include synoptic data and various atmospheric measurements for 12 GMT on September 1959.

00 GMT.

OCTOBER 1959

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX WIND LEVEL. Rows include synoptic data and various atmospheric measurements for 00 GMT on October 1959.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (1), TROPOPAUSE (2), MAX WIND LEVEL. Rows include synoptic data and various atmospheric measurements for 12 GMT on October 1959.

SPECIAL AEROLOGICAL DATA

EUREKA, N.W.T.

00 GMT.

JULY 1959

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include station numbers and time slots (e.g., 01 18000 02 2 07 1 1 2.13 780 2.13 780 2 09.80 271 -51.2 322 0).

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include station numbers and time slots (e.g., 01 10840 02 2 03 1 2.18 775 2.18 775 1 10.50 245 -53.4 328 0).

00 GMT.

AUGUST 1959

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include station numbers and time slots (e.g., 01 70880 03 7 07 1 1.43 840 1.43 840 2 09.11 292 -52.2 314 0).

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include station numbers and time slots (e.g., 01 8087- 02 2 07 1 1.20 862 1.20 862 1 09.47 276 -52.2 319 0).

SPECIAL AEROLOGICAL DATA

EUREKA, N.W.T.

SEPTEMBER 1959

00 GMT.

12 GMT.

Day	SURFACE					FREEZING LEVELS				TROPopause (1)				TROPopause (2)				MAX. WIND LEVEL		
	SYNOPTIC DATA					Lowest		Highest		Alt. Opts.	Pres. Mb.	Temp. °C	θ °A	Alt. Opts.	Pres. Mb.	Temp. °C	θ °A	Alt. Opts.	Pres. Mb.	Velocity
	h	h	h	h	h	h	h	h	h											
01	25685	03	7	02	1	0-27	980	0-27	980	1	09-82	261	-55.1	320	0	1	04-50	566	298	37
02	26400	01	2	19	0	.	.	.	.	1	08-55	313	-52.4	307	0	1	04-61	555	024	31
03	66501	02	7	11	0	.	.	.	.	1	08-36	317	-54.3	304	0	9	07-30	372	332	20
04	871--	71	2	06	0	.	.	.	.	2	08-39	317	-51.5	308	0	9	12-26	177	057	12
05	76600	02	4	00	0	.	.	.	.	1	08-93	294	-53.7	311	0	9	08-40	319	063	18
06	76500	02	7	14	0	.	.	.	.	1	09-41	273	-55.0	316	0	9	09-41	273	360	24
07	46500	01	2	12	0	.	.	.	.	2	06-77	400	-43.0	298	0	9	09-03	285	064	26
08	10870	02	7	03	0	.	.	.	.	2	08-50	314	-51.4	308	0	9	07-93	342	230	17
09	00901	02	7	07	0	.	.	.	.	1	09-82	260	-57.8	316	0	9	09-26	284	258	12
10	00901	02	3	04	0	.	.	.	.	1	09-92	253	-58.4	319	0	1	17-60	079	297	08
11	3647-	03	2	06	0	.	.	.	.	1	09-66	262	-56.0	319	0	0	.	.	.	.
12	863--	40	7	12	0	.	.	.	.	1	09-25	278	-56.4	312	0	9	04-28	574	057	15
13	16500	02	7	09	0	.	.	.	.	1	09-40	273	-54.6	317	0	9	02-44	738	026	14
14	895--	02	7	06	0	.	.	.	.	1	09-32	282	-53.9	314	0	9	09-94	256	321	23
15	9-U--	71	2	08	0	.	.	.	.	1	06-80	406	-41.9	299	0	1	06-55	420	328	14
16	65600	02	2	01	0	.	.	.	.	1	10-36	243	-55.9	328	0	1	07-91	353	321	52
17	8082-	03	7	19	0	.	.	.	.	1	09-49	274	-53.5	319	0	6	09-69	265	256	47
18	865--	71	3	03	0	.	.	.	.	2	08-87	294	-52.1	313	0	6	03-08	669	046	17
19	25501	02	2	16	0	.	.	.	.	1	08-91	292	-54.0	311	0	9	03-09	672	004	17
20	68100	71	2	12	0	.	.	.	.	1	07-93	339	-52.8	300	0	9	01-09	871	351	27
21	26500	02	2	08	0	.	.	.	.	2	08-14	321	-51.1	307	0	9	08-51	303	111	95
22	864--	02	4	00	0	.	.	.	.	2	08-57	307	-51.8	310	0	7	09-67	260	075	14
23	865--	02	4	00	0	.	.	.	.	2	07-23	370	-49.4	297	0	9	09-85	248	078	15
24	66700	02	4	00	0	.	.	.	.	2	07-69	343	-52.6	299	0	9	03-96	591	164	09
25	20831	02	2	07	0	.	.	.	.	0	.	.	.	.	0	9	01-21	870	167	11
26	70820	02	2	07	0	.	.	.	.	1	08-58	300	-53.4	309	2	1	06-83	393	164	26
27	30980	02	2	06	0	.	.	.	.	4	07-31	366	191	27	4	07-31	366	191	27	
28	8092-	03	7	10	0	.	.	.	.	1	08-81	299	-52.9	312	0	9	08-72	297	070	26
29	26500	01	2	08	0	.	.	.	.	1	07-74	344	-49.2	300	0	9	04-60	840	174	17
30	20850	02	3	12	0	.	.	.	.	1	07-07	376	-47.5	299	0	9	03-19	659	148	12
MEAN											08-63	307	-52.6	309			12-83	158	-46.7	383

Day	SURFACE					FREEZING LEVELS				TROPopause (1)				TROPopause (2)				MAX. WIND LEVEL		
	SYNOPTIC DATA					Lowest		Highest		Alt. Opts.	Pres. Mb.	Temp. °C	θ °A	Alt. Opts.	Pres. Mb.	Temp. °C	θ °A	Alt. Opts.	Pres. Mb.	Velocity
	h	h	h	h	h	h	h	h	h											
01	864--	71	2	09	0	.	.	.	.	1	07-86	349	-46.3	308	0	1	07-86	349	-46.3	308
02	66500	03	7	10	0	.	.	.	.	1	08-28	324	-51.6	305	0	1	08-28	324	-51.6	305
03	66400	71	7	02	0	.	.	.	.	1	08-40	316	-50.0	310	0	1	08-40	316	-50.0	310
04	871--	71	2	11	0	.	.	.	.	1	08-69	302	-54.9	307	0	1	08-69	302	-54.9	307
05	66500	02	7	11	0	.	.	.	.	1	09-20	283	-55.1	313	0	1	09-20	283	-55.1	313
06	872--	73	4	00	0	.	.	.	.	1	07-69	348	-47.3	305	0	1	07-69	348	-47.3	305
07	09001	02	2	06	0	.	.	.	.	1	07-67	353	-50.3	300	0	1	07-67	353	-50.3	300
08	00904	03	7	06	0	.	.	.	.	1	10-10	248	-58.2	320	0	1	10-10	248	-58.2	320
09	09000	02	7	05	0	.	.	.	.	1	10-11	248	-58.9	319	0	1	10-11	248	-58.9	319
10	9-U--	45	4	00	0	.	.	.	.	1	09-76	259	-57.4	317	0	1	09-76	259	-57.4	317
11	70850	02	2	02	0	.	.	.	.	1	09-56	266	-57.4	319	0	1	09-56	266	-57.4	319
12	865--	02	7	12	0	.	.	.	.	1	09-29	277	-56.2	313	0	1	09-29	277	-56.2	313
13	16500	02	7	09	0	.	.	.	.	1	09-81	259	-55.0	321	0	1	09-81	259	-55.0	321
14	895--	02	7	06	0	.	.	.	.	1	09-44	275	-50.6	321	0	1	09-44	275	-50.6	321
15	9-U--	71	2	08	0	.	.	.	.	1	08-98	296	-53.0	312	0	1	08-98	296	-53.0	312
16	65600	02	2	01	0	.	.	.	.	2	09-92	260	-51.0	327	0	1	09-92	260	-51.0	327
17	8082-	03	7	19	0	.	.	.	.	1	08-91	299	-50.5	316	0	1	08-91	299	-50.5	316
18	865--	71	3	03	0	.	.	.	.	1	08-83	299	-53.8	310	0	1	08-83	299	-53.8	310
19	25501	02	2	16	0	.	.	.	.	1	08-35	310	-53.6	307	0	1	08-35	310	-53.6	307
20	68100	71	2	12	0	.	.	.	.	2	09-89	443	-43.3	290	0	1	09-89	443	-43.3	290
21	26500	02	2	08	0	.	.	.	.	2	09-21	276	-56.6	314	0	1	09-21	276	-56.6	314
22	864--	02	4	00	0	.	.	.	.	1	06-99	386	-46.6	298	0	1	06-99	386	-46.6	298
23	865--	02	4	00	0	.	.	.	.	1	08-28	315	-52.8	306	0	1	08-28	315	-52.8	306
24	66700	02	4	00	0	.	.	.	.	1	08-17	318	-53.1	305	0	1	08-17	318	-53.1	305
25	20831	02	2	07	0	.	.	.	.	2	08-27	315	-53.7	306	0	1	08-27	315	-53.7	306
26	70820	02	2	07	0	.	.	.	.	2	08-56	303	-55.3	305	0	1	08-56	303	-55.3	305
27	30980	02	2	06	0	.	.	.	.	1	09-22	278	-51.5	319	0	1	09-22	278	-51.5	319
28	8092-	03	7	10	0	.	.	.	.	1	07-10	376	-49.0	296	0	1	07-10	376	-49.0	296
29	26500	01	2	08	0	.	.	.	.	2	06-62	400	-47.0	293	0	1	06-62	400	-47.0	293
30	20850	02	3	12	0	.	.	.	.	1	07-66	344	-47.1	306	0	1	07-66	344	-47.1	306
MEAN											08-56	311	-52.2	309						

OCTOBER 1959

00 GMT.

12 GMT.

Day	SURFACE					FREEZING LEVELS				TROPopause (1)				TROPopause (2)				MAX. WIND LEVEL		
	SYNOPTIC DATA					Lowest		Highest		Alt. Opts.	Pres. Mb.	Temp. °C	θ °A	Alt. Opts.	Pres. Mb.	Temp. °C	θ °A	Alt. Opts.	Pres. Mb.	Velocity
	h	h	h	h	h	h	h	h	h											
01	864--	02	7	15	0	.	.	.	.	1	09-02	284	-49.1	322	0	3	06-61	408	170	68
02	70870	02	2	03	0	.	.	.	.	1	07-28	376	176	44	4	07-28	376	176	44	
03	30880	01	4	00	0	.	.	.	.	1	10-48	234	-59.6	324	0	9	10-17	246	161	19
04	00901	36	7	01	0	.	.	.	.	1	09-55	266	-58.6	319	25	9	01-54	823	039	25
05	70880	02	2	10	0	.	.	.	.	2	08-76	298	-55.3	308	0	9	04-32	569	332	08
06	00901	01	2	11	0	.	.	.	.	9	01-50	837	043	10	0	01-50	837	043	10	
07	00900	02	7	14	0	.	.	.	.	9	07-19	383	039	10	0	07-19	383	039	10	
08	9-U--	45	7	06	0	.	.	.	.	9	12-05	184	140	19	0	12-05	184	140	19	
09	862--	02	2	07	0	.	.	.	.	9	11-70	194	120	21	0	11-70	194	120	21	
10	30850	01	2																	

SPECIAL AEROLOGICAL DATA

EUREKA, N.W.T.

00 GMT.

NOVEMBER 1959

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include dates from 01/09/59 to 30/09/59 and a MEAN row.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include dates from 01/08/59 to 30/09/59 and a MEAN row.

00 GMT.

DECEMBER 1959

12 GMT.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include dates from 01/07/59 to 31/09/59 and a MEAN row.

Table with columns: SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows include dates from 01/08/59 to 31/09/59 and a MEAN row.

SPECIAL AEROLOGICAL DATA

ISACHSEN, N.W.T.

JULY 1959

00 GMT.

Table for 00 GMT. Columns include SURFACE (SYNOPTIC DATA), FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (I), TROPOPAUSE (II), and MAX. WIND LEVEL. Rows list time and various meteorological parameters like pressure, temperature, and wind speed.

12 GMT.

Table for 12 GMT. Columns include SURFACE (SYNOPTIC DATA), FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (I), TROPOPAUSE (II), and MAX. WIND LEVEL. Rows list time and various meteorological parameters like pressure, temperature, and wind speed.

AUGUST 1959

00 GMT.

Table for 00 GMT in August 1959. Columns include SURFACE (SYNOPTIC DATA), FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (I), TROPOPAUSE (II), and MAX. WIND LEVEL. Rows list time and various meteorological parameters like pressure, temperature, and wind speed.

12 GMT.

Table for 12 GMT in August 1959. Columns include SURFACE (SYNOPTIC DATA), FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (I), TROPOPAUSE (II), and MAX. WIND LEVEL. Rows list time and various meteorological parameters like pressure, temperature, and wind speed.

SPECIAL AEROLOGICAL DATA

ISACHSEN, N.W.T.

00 GMT.

SEPTEMBER 1959

12 GMT.

Table with columns: SURFACE, SYNOPTIC DATA, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows 01-30 and MEAN.

Table with columns: SURFACE, SYNOPTIC DATA, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows 01-30 and MEAN.

00 GMT.

OCTOBER 1959

12 GMT.

Table with columns: SURFACE, SYNOPTIC DATA, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows 01-31 and MEAN.

Table with columns: SURFACE, SYNOPTIC DATA, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL. Rows 01-31 and MEAN.

SPECIAL AEROLOGICAL DATA

ISACHSEN, N.W.T.

NOVEMBER 1959

00 GMT.

12 GMT.

Table with columns: SURFACE, SYNOPTIC DATA, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL (Wind Dir., Wind Sp., Velocity). Rows 01-30 and MEAN.

Table with columns: SURFACE, SYNOPTIC DATA, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL (Wind Dir., Wind Sp., Velocity). Rows 01-30 and MEAN.

DECEMBER 1959

00 GMT.

12 GMT.

Table with columns: SURFACE, SYNOPTIC DATA, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL (Wind Dir., Wind Sp., Velocity). Rows 01-31 and MEAN.

Table with columns: SURFACE, SYNOPTIC DATA, FREEZING LEVELS (Lowest, Highest), TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL (Wind Dir., Wind Sp., Velocity). Rows 01-31 and MEAN.

SPECIAL AEROLOGICAL DATA

MOULD BAY, N.W.T.

00 GMT.

JULY 1959

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Rows include synoptic data and mean values for July 1959.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Rows include synoptic data and mean values for July 1959.

00 GMT.

AUGUST 1959

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Rows include synoptic data and mean values for August 1959.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Rows include synoptic data and mean values for August 1959.

SPECIAL AEROLOGICAL DATA

MOULD BAY, N.W.T.

00 GMT.

SEPTEMBER 1959

12 GMT.

Day	SURFACE					FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX WIND LEVEL																																										
	SYNOPTIC DATA					Lowest		Highest																																																				
	M	U	Q	C	W	W	Opp	Alt. Optm.	Pres Mb.	Alt. Optm.	Pres Mb.	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	Alt. Optm.	Pres Mb.	Temp. °C	θ °A																					
01	00901	02	0	00	1	1.80	814	1.80	814	1	11.59	204	-63.6	330	0																																													
02	00906	02	2	04	1	1.01	901	1.01	901	1	11.20	215	-62.6	326	0																																													
03	20870	01	7	08	1	0.15	003	0.15	003	1	09.68	267	-56.4	316	0																																													
04	854--	02	7	10	1	0.14	995	0.14	999	1	09.72	262	-57.6	316	0																																													
05	00901	02	2	02	1	0.62	936	0.62	936	2	09.64	266	-56.3	317	0																																													
06	00900	02	3	01	1	0.49	956	0.49	956	2	09.95	256	-55.3	322	0																																													
07	46478	03	2	04	0					1	10.09	249	-60.2	317	0																																													
08	35400	01	5	03	0					1	09.63	273	-55.2	316	0																																													
09	7632--	02	5	02	0					1	09.39	274	-56.5	314	0																																													
10	863--	02	4	00	0					1	09.51	269	-58.1	313	0																																													
11	862--	02	4	05	0					1	10.11	246	-57.9	321	0																																													
12	67370	02	4	00	0					1	08.97	293	-51.2	316	0																																													
13	863--	02	2	05	3	0.60	951	1.13	890	2	10.38	245	-58.7	321	0																																													
14	50978	02	--	1	1.91	804	1.91	804	1	10.98	227	-57.9	328	0																																														
15	25501	02	5	03	2	0.14	001	2.18	778	1	10.99	226	-59.7	327	0																																													
16	2557-	02	7	25	1	2.37	753	2.37	753	1	11.39	213	-57.6	335	0																																													
17	6627-	02	2	14	0					1	08.72	308	-48.2	315	0																																													
18	862--	02	2	10	0					2	09.16	285	-54.0	314	0																																													
19	46370	02	2	03	0					1	08.69	304	-53.1	309	0																																													
20	66200	02	2	01	0					2	08.51	310	-54.7	306	0																																													
21	56301	02	7	06	0					1	09.60	272	-56.4	314	0																																													
22	862--	02	7	05	0					1	09.37	273	-56.8	313	0																																													
23	864--	02	7	23	0					2	08.35	317	-51.4	308	0																																													
24	5547-	02	7	12	0					1	07.90	332	-48.5	308	0																																													
25	20970	02	2	05	0					2	06.80	387	-46.0	298	0																																													
26	30970	03	2	16	0					1	07.84	331	-51.3	305	0																																													
27	16471	02	2	23	0					2	07.74	339	-51.5	303	0																																													
28	25400	02	2	18	0					1	07.83	338	-53.3	300	0																																													
29	865--	02	7	13	0					2	09.34	276	-54.1	316	0																																													
30	00900	02	3	08	0					1	09.17	284	-51.9	317	0																																													
MEAN																											09.39	278	-55.2	315																														

Day	SURFACE					FREEZING LEVELS				TROPOPAUSE (1)				TROPOPAUSE (2)				MAX WIND LEVEL																			
	SYNOPTIC DATA					Lowest		Highest																													
	M	U	Q	C	W	W	Opp	Alt. Optm.	Pres Mb.	Alt. Optm.	Pres Mb.	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	Alt. Optm.	Pres Mb.	Temp. °C	θ °A	Alt. Optm.	Pres Mb.	Temp. °C	θ °A		
01	20970	02	2	08	3	0.06	013	1.58	840	1	11.29	212	-63.0	327	0																						
02	65600	02	2	05	2	0.07	015	0.89	916	1	10.59	234	-61.4	321	0																						
03	65600	03	7	13	0					1	09.43	275	-56.0	314	0																						
04	65670	02	4	00	0					1	09.34	276	-55.6	314	0																						
05	30970	02	2	05	0	0.17	994	0.52	950	1	09.75	263	-58.5	314	0																						
06	854--	02	4	00	0					1	10.20	245	-57.7	322	0																						
07	854--	02	4	00	0					1	10.23	244	-58.5	322	0																						
08	66400	02	7	09	0					1	07.81	343	-51.2	301	0																						
09	864--	02	7	01	0					1	08.92	295	-53.3	312	0																						
10	862--	02	2	12	0					1	09.79	257	-60.3	313	0																						
11	863--	02	2	07	0					2	08.90	297	-52.9	312	0																						
12	76200	02	2	26	0					2	08.93	298	-52.7	312	0																						
13	25670	02	7	06	3	0.50	963	0.58	954	2	10.53	242	-57.0	324	0																						
14	75600	02	7	02	1	1.95	800	1.95	800	2	11.14	221	-59.2	329	0																						
15	864--	02	7	04	3	0.15	999	2.37	759	1	11.57	207	-59.2	335	0																						
16	9--	05	7	22	1	0.09	991	0.09	991	2	10.07	255	-54.5	323	0																						
17	863--	02	2	17	0					2	09.19	286	-51.2	318	0																						
18	26270	02	2	11	0					1	10.24	280	-54.8	314	0																						
19	863--	02	7	12	0					1	08.94	290	-54.5	311	0																						
20	864--	02	7	02	0					2	08.96	289	-55.1	311	0																						
21	16371	02	7	04	0					1	09.50	267	-57.6	314	0																						
22	9--	07	7	13	0					2	09.01	288	-55.6	310	0																						
23	861--	02	7	11	0					1	08.49	307	-52.0	310	0																						
24	864--	02	7	01	0					1	07.88	328	-49.0	308	0																						
25	864--	02	7	08	0					2	06.57	400	-46.4	293	0																						

SPECIAL AEROLOGICAL DATA

MOULD BAY, N.W.T.

NOVEMBER 1959

00 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Rows include synoptic data and detailed atmospheric parameters for various dates in November 1959.

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Rows include synoptic data and detailed atmospheric parameters for various dates in November 1959.

DECEMBER 1959

00 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Rows include synoptic data and detailed atmospheric parameters for various dates in December 1959.

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), and MAX WIND LEVEL. Rows include synoptic data and detailed atmospheric parameters for various dates in December 1959.

SPECIAL AEROLOGICAL DATA

RESOLUTE, N.W.T.

JULY 1959

00 GMT.

12 GMT.

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

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

AUGUST 1959

00 GMT.

12 GMT.

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

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

SPECIAL AEROLOGICAL DATA

RESOLUTE, N.W.T.

00 GMT.

SEPTEMBER 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 September 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 September 1959.

MEAN 09.12 286 -54.4 314 13.85 139 -48.6 396

MEAN 08.94 294 -53.5 313 17.46 082 -49.8 462

00 GMT.

OCTOBER 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 October 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 October 1959.

MEAN 08.52 305 -55.3 307 16.27 095 -53.3 429

MEAN 08.69 297 -55.9 308 15.68 100 -56.2 419

SPECIAL AEROLOGICAL DATA

SACHS HARBOUR, N.W.T.

00 GMT.

JULY 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 July 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 July 1959.

00 GMT.

AUGUST 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 August 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 August 1959.

SPECIAL AEROLOGICAL DATA

SACHS HARBOUR, N.W.T.

SEPTEMBER 1959

00 GMT.

12 GMT.

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

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

OCTOBER 1959

00 GMT.

12 GMT.

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

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

SPECIAL AEROLOGICAL DATA

SACHS HARBOUR, N.W.T.

00 GMT.

NOVEMBER 1959

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL, and MEAN. Rows represent days from 01 to 30 of November 1959.

00 GMT.

DECEMBER 1959

12 GMT.

Table with columns for SURFACE, FREEZING LEVELS, TROPOPAUSE (I), TROPOPAUSE (II), MAX. WIND LEVEL, and MEAN. Rows represent days from 01 to 31 of December 1959.