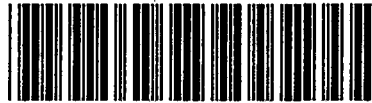


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SKP Box Number: 672572469

# ARCTIC SUMMARY

JULY TO DECEMBER 1971

## NOTICE

### Final Issue - Arctic Summary

Publication of the Arctic Summary terminates with the printing of the present issue; that for July - December 1971. The observing programmes at the seven stations included are continuing. Daily extremes of temperature and daily precipitation amounts for these as for all other Canadian stations are given in the Monthly Record - Meteorological Observations in Canada together with summaries of other elements observed. Those requiring more detailed data from the far northern stations should contact the Atmospheric Environment Service Headquarters at the address below.

Assistant Deputy Minister,  
Atmospheric Environment Service,  
4905 Dufferin Street,  
Downsview, Ontario.



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# ARCTIC SUMMARY

A SEMI-ANNUAL SUMMARY OF  
METEOROLOGICAL DATA

FROM

THE JOINT ARCTIC AND OTHER WEATHER STATIONS  
ON THE ARCTIC ISLANDS

JULY TO DECEMBER 1971

TORONTO, ONTARIO

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## STATION LOCATION

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

## NOTE:

The Atmospheric Environment Service is gradually assuming sole responsibility for the operation of the Joint Arctic Weather Stations. Alert was the first of these to change to complete Canadian control on November 1, 1970 with Isachsen and Mould Bay following on November 1, 1971. The status of the remaining Joint Stations, Eureka and Resolute, will be changed during the summer of 1972.

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

**Clyde:** 70° 27'N 68° 33'W - The Weather Station at Clyde operated briefly during the years 1933 to 1935. It was reactivated in 1942, and records have been continuous since then. Located on the east coast of mountainous Baffin Island,

the station is on a small bay which extends about five miles northward from Clyde Inlet. Clyde Inlet is one of the longer fiords which cuts right through the mountains. The observing site is on a gently sloping east shore, with the bay two miles wide to the west. Hills reach four hundred feet just east of the station. The surrounding terrain is rugged with steep hills two to three thousand feet in elevation within ten miles of the station. Peaks touch five thousand feet about thirty miles to the west.

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

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

**Mould Bay:** 76° 14'N 119° 20'W - The Joint Arctic Weather Station at Mould Bay was established in April, 1948. It is located about halfway up the east shore of Mould Bay, a deep

indentation on the southeast coast of Prince Patrick Island. The Bay, which extends northward about twenty-five miles from Crozier Channel, averages three to five miles across. The site lies on a silt and gravel ridge with a river delta to the south and low hills rising to three hundred feet a mile to the northwest and to five hundred feet three miles to the east. The terrain on the whole island is low and rolling, and less than one thousand feet in elevation.

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

Sachs Harbour:  $71^{\circ} 59'N$   $125^{\circ} 17'W$  - The Sachs Harbour Weather Station was established in October, 1955, at the southwest corner of Banks Island. Situated on an east-west ridge two hundred and seventy feet above sea level, the station is about one mile from the shore of Sachs Harbour. The bench-like terrain falls off rather abruptly towards the shore. The country north of the station is quite typical of the gently rolling prairie lowlands of the west half of Banks Island. A prominent plateau about sixty miles to the southeast rises to a height of more than two thousand feet. Another plateau which rises sharply from the island's northeast coast becomes broken up inland into an area of flat-topped hills.

## SURFACE DATA

### INSTRUMENTATION AND PROCEDURES

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

#### Height (Feet) of Anemometer Exposure

Station	M.S.C. Type 45	U-2A
Alert	33	33
Clyde	23	
Eureka	30	25
Isachsen	33	30
Mould Bay	33	33
Resolute		30
Sachs Harbour	33	33

Temperature - All stations are supplied with M.S.C. ordinary mercury-filled dry and wet bulb and maximum thermometers and M.S.C. alcohol-filled minimum thermometers. Certain stations are supplied with a thermometer filled with an alloy of mercury and thallium which has a freezing point at  $-78^{\circ}F$ . All thermometers have been calibrated in the instrument laboratories of the Atmospheric Environment Service and appropriate correction cards issued. The observers are instructed to take all mercury-filled thermometers indoors when the temperature falls to  $-35^{\circ}F$ . During extremely cold spells psychrometric data are not available, the current air temperature is read from the alcohol column in the minimum thermometer and the maximum temperature is estimated from the eight readings of the dry bulb at synoptic hours. All thermometers are housed in a Stevenson Screen - a double louvred box, painted white, with the base  $3\frac{1}{2}$  feet above ground. Ventilation of the wet and dry bulb thermometers is ac-

complished by a motor-driven psychrometer mounted on the roof. Air is drawn from the interior of the screen over the wet and dry bulbs placed in a duct close to the intake at a speed of 20 feet per second and ejected from the middle of the top of the screen.

Pressure - All stations are equipped with Kew-Patterson barometers. Correction cards supplied with each barometer incorporate correction for the temperature of the instrument, its index error, any difference between the height of the barometer and the established elevation and the variation of gravity with latitude. When these corrections are applied the resultant station pressure is the pressure at the established elevation, which is usually the elevation of the barometer when first installed.

Station	Barometer Number	Elevation (Feet)	
		Act.	Est.
Alert	D-561	219	205
Clyde	C-281	10	MSL
Eureka	85/43	34	MSL
Isachsen	C-205	97	83
Mould Bay	C-466	67	50
Resolute	C-359	207	209
Sachs Harbour	C-279	277	277

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

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

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

The depth of the freshly fallen snow and the snow cover were measured with a ruler by taking a series of measurements in

a representative area and reporting the average. At Clyde the water equivalent of the freshly fallen snow was estimated by assuming the water equivalent of 10 inches of snow to the 1 inch of water. At Resolute, Mould Bay, Isachsen, Alert, Eureka and Sachs Harbour the M.S.C. Nipher Shielded Snow Gauge is the official instrument for the measurement of water equivalent of snowfall.

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

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

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

Solar Radiation - Radiation measurements are not made at Clyde. At the other stations, each is equipped with an Eppley pyranometer to measure global solar radiation and at Alert, Isachsen, Mould Bay and Resolute CSIRO pyrradiometers measure net radiation as well. Resolute is also equipped to measure sky and reflected radiation. The data are published in the Monthly Radiation Summaries and Supplements of the Atmospheric Environment Service.

Sunshine - Sunshine data compiled from the readings of Campbell-Stokes sunshine recorders at each station excluding Clyde are published in the Monthly Record.

Ozone - Ozone measurements are made at Resolute. Data from these observations are published in Ozone Data for the World, available at the Atmospheric Environment Service Headquarters.



Evaporation - Class 'A' Pan Evaporation measurements are made at Resolute. Data from the measurements are published in the Monthly Record.

Soil Temperature Measurements - Twice daily soil temperature measurements are taken at Resolute. Data from these measurements are published in the Monthly Records.

Snow cover data from snow courses at each station are summarized in annual Atmospheric Environment Service Snow Cover Data publications.

#### 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 5/8th of a mile, regardless of whether precipitation or other obstructions to vision were occurring at the same time.

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

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

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

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

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

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



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DAILY CLIMATOLOGICAL DATA

EUREKA

ISACHSEN

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

EUREKA JULY 1971														EUREKA SEPTEMBER 1971														EUREKA NOVEMBER 1971														ISACHSEN JULY 1971														ISACHSEN SEPTEMBER 1971														ISACHSEN NOVEMBER 1971													
01	63	38	1											01	51	23	27											01	-24	-30	-27											01	49	35	42											01	31	20	26	T	T	T								01	-6	-14	-10										
02	62	41	2											02	52	23	28		T	T								02	-25	-31	-28											02	46	39	43											02	33	29	31	.02	.2	T	T							02	-2	-13	-8										
03	54	36	45											03	55	28	30	.01	.1	T								03	-24	-30	-27											03	35	42	43											03	1	-8	-5																								
04	55	43	49											04	33	28	31	.02	.2									04	-11	-25	-18											04	48	38	43											04	-4	-18	-11																								
05	47	38	43											05	32	29	31	.01	.1									05	6	-14	-10			T	T							05	51	36	44											05	-16	-13	-13																								
06	48	34	41											06	32	26	29	.02	.2	T								06	-7	-24	-16											06	39	33	36											06	-11	-17	-14																								
07	41	34	38											07	33	27	30	.03	.3	T								07	-19	-32	-26											07	37	31	34			T	T							07	-6	-16	-11																								
08	47	35	41											08	32	29	31			T								08	0	-36	-33											08	30	30	35											08	-11	-17	-14																								
09	45	36	41											09	33	27	30											09	-10	-34	-22											09	42	31	37											09	-6	-15	-11																								
10	44	33	40											10	36	24	29			T	T						10	-21	-30	-26											10	36	32	34											10	-16	-25	-21																									
11	41	35	38											11	31	23	27											11	-22	-30	-26											11	29	22	26											11	-16	-25	-21																								
12	47	35	41											12	31	22	27											12	-13	-30	-22											12	29	23	26			T	T							12	-26	-21	-21																								
13	55	37	46											13	31	20	26											13	-12	-28	-20	.01	.1									13	29	25	26											13	-15	-23	-19																								
14	54	44	49											14	30	15	23	.01	.1									14	-19	-33	-26			T	T							14	28	25	27											14	-13	-19	-16																								
15	56	40	48											15	28	17	23											15	-28	-36	-32			T	T							15	28	20	24	.01	.1									15	-15	-29	-22																								
16	50	40	45											16	27	20	24											16	-32	-40	-36											16	26	25	27											16	-18	-31	-25																								
17	54	43	49											17	26	24	29	.03	.3									17	-38	-42	-40											17	26	18	22	.01	.1									17	-8	-25	-16																								
18	49	42	46											18	26	22	24	.06	.6									18	-29	-40	-35											18	20	13	20	.05	.5									18	-19	-16	-16																								
19	55	41	48											19	27	13	20	.05	.5									19	-28	-37	-33											19	14	2	8	.01	.1									19	-29	-23	-23																								
20	50	38	44											20	20	11	16											20	-31	-36	-34											20	19	1	9	.02	.2									20	-13	-25	-19																								
21	47	39	43											21	25	8	17	.02	.2									21	-33	-38	-36											21	25	17	21	.08	.8									21	-9	-27	-18																								
22	47	40	44											22	19	5	12			T	T						22	-19	-39	-29	.01	.1									22	18	4	11	.01	.1									22	-28	-26	-26																									
23	49	41	45											23	13	3	5			T	T						23	-18	-39	-29	.01	.1									23	17	7	12	.03	.3									23	-9	-30	-20	.02	.2																							
24	49	40	45											24	12	5	9			T	T						24	-30	-45	-38											24	18	10	14	.08	.8									24	-10	-25	-18	.01	.1																							
25	48	41	45											25	19	4	12											25	-43	-46	-45											25	24	16	20											25	-20	-28	-24																								
26	47	37	42											26	15	1	8											26	-25	-43	-34											26	26	18	22	.04	.4									26	-20	-24	-24																								
27	50	41	46											27	26	6	16	.01	.1									27	-20	-32	-26											27	28	24	26	.07	.7									27	-30	-23	-23																								
28	49	41	45											28	31	24	28	.03	.3									28	-29	-39	-34											28	23	21	23	.05	.5									28	-19	-32	-26																								
29	55	38	47											29	25	15	20			T	T						29	-36	-41	-39											29	23	14	19	.02	.2									29	-16	-27	-22																									
30	57	36	47											30	28	16	22	.05	.5									30	-36	-39	-38											30	22	16	19			T	T							30	-24	-35	-30																								
31	50	42	46											SUM				.35	3.7									SUM				.03	.3									SUM				.35	3.7									SUM				.7310.8										SUM				.05	.6								
SUM				.11	T									AVG	27	17	22											AVG	-24	-35	-29											AVG	46	35	41			.35	T	10						AVG	-13	-23	-18																								
EXT	63	34		.04	T									EXT	34	-5		.06	.8									EXT	-6	-46		.01	.																																																		



## DAILY CLIMATOLOGICAL DATA

## SACHS HARBOUR

Date	Temperature (°F)			Precipitation (Inches)		Days with Snow on ground (Inches)	Days with Fog Blowing Snow ≥ 32 mph ≥ 37 mph	Wind
	Maximum	Minimum	Average	Total	Snow			
SACHS HARBOUR NMT JULY 1971								
01	48	35	42					1
02	40	31	36		T			1
03	39	32	36		T			
04	45	34	40					1
05	50	33	46					
06	53	42	48					
07	63	39	1					
08	57	48	3					
09	65	49	7					
10	55	42	49	.02				
11	58	44	1	T				1
12	44	32	38	T				1
13	42	31	37	T				1
14	42	37	40	T				1
15	49	34	42	.02				1
16	43	33	38	T				1
17	42	32	37	.03				1
18	41	33	37	.06				
19	45	32	39					1
20	49	36	43					
21	49	39	44					
22	55	41	48					
23	54	45	50	.02				
24	52	43	48	.14				1
25	55	42	49	T				1
26	58	47	3	T				
27	60	44	2					1
28	66	42		.17				1
29	50	40	45	.14				1
30	45	37	41	.15				1
31	51	38	45	T				1
SUM				.75				19
AVG	51	38	45					
EXT	66	31		.17				

Date	Temperature (°F)			Precipitation (Inches)		Days with Snow on ground (Inches)	Days with Fog Blowing Snow ≥ 32 mph ≥ 37 mph	Wind
	Maximum	Minimum	Average	Total	Snow			
SACHS HARBOUR NMT SEPTEMBER 1971								
01	30	24	27		T T T			
02	31	23	27	.01	.1 T			
03	37	24	31		T			1
04	39	33	36	.06				1
05	31	27	34	.02				1
06	38	31	35	.08	T			1
07	35	27	31	.04	T			1
08	29	22	26	T	T			1
09	32	28	30	.01	.2 T			
10	36	28	32	T	T T			
11	38	30	34	T				
12	37	29	33	.03				1
13	32	27	30					
14	35	28	32	T				1
15	36	24	30	.02	.2 T			
16	34	23	29	T	T			1
17	38	30	34	.01	T			1
18	32	23	28	T	T			1
19	31	23	27	T	T			1
20	35	29	34					
21	31	25	28	T	T T			1
22	26	18	22	T				1
23	31	17	24					
24	37	29	33					
25	34	29	32	T				1
26	35	29	32	.02	.2			1
27	31	24	28	T	T			
28	31	27	29	.12	1.7 T			
29	31	22	27	.04	.6 T			
30	28	19	24	.03	.6			1
SUM				.49	3.6			13
AVG	34	26	30					
EXT	39	17		.12	1.7			

Date	Temperature (°F)			Precipitation (Inches)		Days with Snow on ground (Inches)	Days with Fog Blowing Snow ≥ 32 mph ≥ 37 mph	Wind
	Maximum	Minimum	Average	Total	Snow			
SACHS HARBOUR NMT NOVEMBER 1971								
01	10	-8	1		T T T			4
02	1	-11	-5	.02	.2			5
03	-8	-12	-10		T T			5
04	-8	-20	-14		T T			5
05	-17	-27	-22					5
06	-19	-30	-25					5
07	-12	-23	-18					5
08	-15	-25	-20					5
09	-14	-25	-20					5
10	-5	-17	-11		T T			5
11	-7	-15	-11					5
12	-8	-14	-11					5
13	-10	-20	-15					5
14	-7	-19	-13					5
15	-8	-17	-13					5
16	2	-15	-7	.01	.1			4
17	-5	-15	-10		T T			4
18	-1	-12	-7					4
19	11	-3	4	.04	.5			4
20	14	-6	4	.02	.4			4
21	-4	-15	-10					4
22	10	-8	1	.04	.6			4
23	11	-2	5		T T			4
24	-1	-16	-9		T T			4
25	-10	-20	-15					4
26	-11	-17	-14		T T			4
27	-5	-16	-11					4
28	0	-8	-4	.03	.6			4
29	-1	-10	-6	.03	.4			4
30	-1	-16	-9	.01	.1			4
SUM				.20	2.9			3
AVG	-4	-15	-10					4
EXT	14	-30		.04	.6			2

Date	Temperature (°F)			Precipitation (Inches)		Days with Snow on ground (Inches)	Days with Fog Blowing Snow ≥ 32 mph ≥ 37 mph	Wind
	Maximum	Minimum	Average	Total	Snow			
SACHS HARBOUR NMT AUGUST 1971								
01	40	35	38		T T			
02	56	33	45		T T			
03	50	33	42		T T			1
04	35	32	34	.03	.5			1
05	38	32	35	.03	T			
06	37	32	35	.02	.2			1
07	35	30	33	.01	.2			
08	33	30	32	.06	.6			
09	37	29	33	.01	.1			
10	36	29	33	.10	1.4			
11	35	28	32	T	T			
12	34	30	32	.17	1.9			1
13	31	25	28	.03	.3			
14	33	26	30	.03	.5			
15	34	28	31	T				1
16	34	27	31					1
17	37	32	35					1
18	43	34	39					
19	51	35	43					
20	54	38	46					
21	51	42	47	.04				
22	52	43	48	.05				
23	45	38	42	T				
24	46	36	41					1
25	44	38	41					1
26	43	37	40					1
27	37	30	34	T	T			1
28	34	29	32	T	T			
29	34	29	32	.03	.5			
30	31	26	29	.01	.3			1
31	30	27	29	T				1
SUM				.62	6.5			9
AVG	40	32	36					
EXT	56	25		.17	1.9			

Date	Temperature (°F)			Precipitation (Inches)		Days with Snow on ground (Inches)	Days with Fog Blowing Snow ≥ 32 mph ≥ 37 mph	Wind
	Maximum	Minimum	Average	Total	Snow			
SACHS HARBOUR NMT OCTOBER 1971								
01	24	14	19	.04	.7			1
02	21	8	15	.04	.6			2
03	20	3	12	.03	.5			2
04	19	7	13	.09	1.3			3
05	11	0	6					3
06	21	8	15	T	T			3
07	30	19	25	.09	1.0			3
08	32	26	29	T	T			3
09	30	27	29					3
10	32	28	30	T	T			3
11	33	28	31	.04	.6			3
12	30	20	25	T	T			3
13	21	-2	10	.02	.3			3
14	16	7	12	.02	.4			3
15	25	16	21	.03	.4			3
16	30	22	26					3
17	31	26	29	T	T			3
18	28	18	23	.13	1.4			2
19	19	5	12	.01	.1			3
20	10	5	8	.05	.5			3
21	17	7	12	.09	1.3			3
22	23	13	18	T	T			4
23	26	15	21	.01	.2			4
24	24	17	21	.07	1.0			4
25	19	10	15	.01	.1			4
26	12	1	7					4
27	17	1	9	.01	.2			4
28	28	17	23	T	T			4
29	27	19	23	.09	1.1			4
30	23	11	17	.04	.7			4
31	12	7	10	.02	.4			4
SUM				.93	12.8			41
AVG	23	13	18					
EXT	33	-2		.13	1.4			

Date	Temperature (°F)			Precipitation (Inches)		Days with Snow on ground (Inches)	Days with Fog Blowing Snow ≥ 32 mph ≥ 37 mph	Wind
	Maximum	Minimum	Average	Total	Snow			
SACHS HARBOUR NMT DECEMBER 1971								
01	-10	-20	-15		T T T			5
02	-15	-24	-20		T T			5
03	-19	-31	-25					5
04	-18	-26	-22					5
05	-11	-22	-17					5
06	-10	-24	-17		T T			5
07	-19	-26	-23		T T			5
08	-16	-28	-22	.01	.1			5
09	-28	-38	-33		T T			5
10	-21	-34	-28					5
11	-19	-33	-26		T T			5
12	-18	-27	-23					5
13	-19	-25	-22					5
14	-13	-26	-20					5
15	-7	-18	-13					5
16	-6	-14	-10					5
17	-9	-23	-16		T T			5
18	-17	-29	-23		T T			5
19	-22	-31	-27		T T			5
20	-18	-25	-23		T T			5
21	-27	-34	-31		T T			5
22	-20	-31	-26		T T			5
23	-18	-28	-23		T T			5
24	-12	-23	-18		T T			5
25	-10	-21	-16		T T			5
26	-16	-25	-21					5
27	-17	-33	-25					

## SYNOPTIC OBSERVATIONS

ALERT

Date	Calling (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Deck Point (°F)	Sky Cover (heaviness)
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ALERT NMT  
JULY 1971 0200 AST

01 UNL 15	1015.4 CALM	5	34	32	3					
02 UNL 15	1013.2 N	7	35	34	0					
03 UNL 3	1014.9 ENE	3	29	29	8					
04 UNL 35	1012.5 N	5	34	32	29	8				
05 UNL 35	1011.6 ENE	2	39	36	31	5				
06 20 10	1002.7 CALM	38	36	33	10					
07 9 6	R-F	9	34	33	10					
08 12 3/4S-F	1011.9 NE	5	32	32	32	9				
09 35 15	1015.0 M	9	33	33	2					
10 20 15	R-	1007.5 CALM	36	35	35	10				
11 20 10	S-SG-	1013.0 ENE	3	34	33	10				
12 50 10	1013.4 NNE	6	34	34	33	10				
13 6 10	1011.1 CALM	33	33	33	10					
14 UNL 40	1014.9 NE	4	32	32	2					
15 UNL 40	1015.4 ENE	2	38	37	35	0				
16 230 40	1008.7 SSW	28	51	44	36	8				
17 60 15	1020.7 SW	5	41	39	36	10				
18 UNL 15	1013.3 CALM	43	41	38	6					
19 60 40	1015.3 CALM	38	36	34	7					
20 UNL 40	1018.7 CALM	36	34	30	3					
21 UNL 40	1019.6 CALM	39	37	35	4					
22 UNL 40	1018.6 CALM	37	35	32	0					
23 UNL 40	1023.5 NE	3	35	33	1					
24 UNL 40	1021.7 ENE	2	37	36	34	0				
25 UNL 2	F	1017.6 E	2	30	30	6				
26 UNL 40	1013.3 NNE	5	34	32	29	2				
27 UNL 15	1013.3 CALM	36	35	33	6					
28 UNL 40	1013.7 SSW	9	49	45	40	7				
29 50 40	R-	1009.0 SW	23	51	46	42	10			
30 14 5	F	1011.0 M	3	38	37	36	10			
31 UNL 40	1009.3 SSW	25	51	44	36	0				
AVG	1013.6	5	38	36	33	6				

ALERT NMT  
JULY 1971 0500 AST

01 UNL 40	1015.2 NW	5	37	36	34	0				
02 UNL 2	F	1013.7 NNE	5	32	32	8				
03 UNL 10	1015.0 ENE	4	30	30	29	7				
04 UNL 35	1012.3 N	6	37	34	31	7				
05 UNL 35	1011.4 ENE	3	40	36	30	3				
06 20 10	R-	998.8 WSW	8	41	40	39	10			
07 9 11/2S-	1003.4 ESE	13	33	32	32	10				
08 15 3/4S-F	1013.0 NNE	5	33	33	33	10				
09 35 15	1014.4 NNE	3	34	33	31	9				
10 210 15	1006.6 WSW	7	44	41	38	9				
11 25 10	S-	1013.5 CALM	35	35	34	9				
12 35 10	1019.1 ENE	8	34	33	9					
13 UNL 0	F	1011.4 ENE	2	33	33	9				
14 UNL 35	1015.4 NNE	4	35	34	34	1				
15 UNL 40	1014.2 F	5	37	36	35	1				
16 40 40	R-	1009.2 SSW	27	47	42	36	9			
17 50 15	1020.4 CALM	41	39	36	10					
18 UNL 40	1012.7 S	6	51	46	41	4				
19 UNL 40	1016.0 N	4	41	38	34	10				
20 UNL 40	1018.5 CALM	8	34	33	7					
21 UNL 40	1019.5 CALM	38	36	33	5					
22 UNL 40	1019.3 NNE	5	40	37	34	1				
23 UNL 40	1023.7 ENE	3	38	36	33	0				
24 UNL 40	1021.4 ENE	1	36	35	33	0				
25 UNL 4	F	1017.4 ENE	1	30	30	29	6			
26 UNL 40	1012.6 ENE	4	33	32	30	2				
27 UNL 40	1013.8 ENE	3	34	33	32	2				
28 UNL 40	1011.6 SW	20	53	46	40	3				
29 50 40	1009.2 SW	21	51	46	41	9				
30 3 11/2F	1011.3 NE	4	37	37	36	10				
31 UNL 40	1008.7 SSW	24	52	44	35	1				
AVG	1013.4	6	39	37	34	6				

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 (heaviness)
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ALERT NMT  
JULY 1971 0800 AST

01 UNL 40	1014.8 NNE	5	38	36	33	0				
02 6 5/8F	1014.4 NNE	5	31	31	31	10				
03 UNL 10	1014.7 NNE	5	32	32	31	3				
04 UNL 15	1012.2 ENE	2	34	32	29	7				
05 UNL 35	1011.1 ENE	4	38	35	30	7				
06 7 6	R-	999.7 E	7	35	34	34	10			
07 10 11/2S-	1003.8 SE	16	33	33	33	10				
08 200 11/2S-	1013.7 N	10	34	33	32	10				
09 13 6 S-	1013.5 NNE	2	34	33	32	10				
10 47 15	R-	1006.6 NNE	15	37	36	34	10			
11 50 10	1014.2 E	3	35	34	34	10				
12 70 35	1012.6 ENE	9	34	32	30	7				
13 UNL 15	1/2F	1011.7 ENE	2	33	33	6				
14 UNL 40	1015.7 N	2	35	33	30	1				
15 UNL 40	1012.8 E	2	40	38	34	4				
16 60 40	1012.1 N	10	40	36	31	10				
17 UNL 15	1019.2 CALM	43	41	38	4					
18 100 40	1012.8 E	2	42	40	37	9				
19 UNL 40	1016.9 N	6	40	38	35	2				
20 UNL 40	1018.7 E	3	37	35	33	7				
21 UNL 40	1019.4 E	3	41	39	36	7				
22 UNL 40	1020.2 ENE	3	39	37	34	1				
23 UNL 40	1023.9 E	2	38	36	34	3				
24 UNL 40	1020.9 ENE	4	37	36	35	1				
25 UNL 15	1017.0 NE	5	32	31	30	4				
26 8 6	F	1012.1 N	6	32	31	30	10			
27 UNL 40	1013.7 E	14	42	37	31	3				
28 180 40	1010.2 SW	34	55	47	40	7				
29 30 15	R-	1010.1 CALM	38	36	35	9				
30 6 1/8F	1011.8 CALM	36	36	36	10					
31 UNL 35	1008.2 SSW	22	54	46	37	1				
AVG	1013.5	7	38	36	33	6				

ALERT NMT  
JULY 1971 1100 AST

01 UNL 40	1014.3 N	2	40	37	33	1				
02 6 5/8F	1014.5 NNE	1	32	32	31	10				
03 UNL 15	1013.9 ENE	6	32	32	31	3				
04 UNL 15	1012.2 E	2	37	35	32	6				
05 UNL 35	1010.7 NE	9	37	36	34	8				
06 7 2 S-	1001.4 NNE	19	35	35	35	10				
07 12 11/2S-	1004.8 ESE	11	34	34	33	10				
08 45 10	1014.1 NNE	13	35	34	33	10				
09 7 3 S-	1012.7 E	4	33	33	33	10				
10 12 2 S-SG-	1008.3 CALM	34	34	33	10					
11 50 10	1014.4 E	3	36	36	35	10				
12 70 35	1019.0 NNE	6	35	35	33	9				
13 UNL 11/2F	1011.2 ENE	4	37	32	32	4				
14 UNL 40	1015.6 CALM	42	39	36	3					
15 UNL 40	1011.0 SSW	15	56	46	36	8				
16 45 15	R-	1015.0 CALM	43	40	37	10				
17 UNL 15	1017.6 E	3	46	42	38	3				
18 100 40	1012.9 ENE	3	45	42	38	9				
19 UNL 40	1017.7 N	5	40	38	36	2				
20 UNL 40	1019.0 NNE	4	37	35	33	7				
21 UNL 40	1018.8 ENE	4	39	37	35	4				
22 UNL 40	1020.9 ENE	4	39	37	34	1				
23 UNL 40	1023.6 ENE	4	36	35	33	1				
24 UNL 40	1020.2 ENE	3	37	35	33	0				
25 UNL 15	1016.5 ENE	5	33	32	31	1				
26 4 3/8F	1011.5 N	4	32	32	32	10				
27 50 40	1013.4 NW	5	49	44	39	6				
28 UNL 40	1008.7 SW	35	56	48	40	5				
29 50 15	R-	1009.8 CALM	41	41	39	10				
30 UNL 1	F	1011.4 ENE	3	35	35	35	1			
31 UNL 35	1007.3 SW	19	58	47	36	1				
AVG	1013.4	6	39	37	34	6				

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 (heaviness)
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ALERT NMT  
JULY 1971 1400 AST

01 UNL 35	1013.7 NNE	9	42	38	33	1				
02 7 5/8F	1014.6 NE	5	32	32	31	10				
03 UNL 15	1013.4 ENE	9	32	31	30	7				
04 UNL 15	1012.0 NE	4	39	36	32	5				
05 200 35	1010.3 NE	7	37	36	35	9				
06 30 10	1002.2 NNE	14	35	35	34	10				
07 15 10	1005.5 ESE	7	37	35	34	10				
08 40 11/2L-S-F	1014.5 NNE	14	34	34	33	10				
09 13 10 S-	1011.8 E	2	34	34	32	10				
10 7 11/2S-	1009.2 NE	2	35	34	33	10				
11 45 10	1014.3 ENE	2	36	36	35	10				
12 70 30	1011.7 ENE	3	34	33	31	9				
13 UNL 3	F	1012.3 NE	4	32	32	31	7			
14 UNL 40	1013.8 NNE	8	47	43	39	2				
15 70 40	1009.6 S	23	58	48	38	8				



## SYNOPTIC OBSERVATIONS

## ALERT

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (inches)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT  
AUGUST 1971 0200 AST

01 UNL 40				1005.2	ENE	2	36	35	32	4
02 220 40				1001.7		5	37	35	33	9
03 9 10	R-			1006.9	E	2	35	35	34	10
04 UNL 15				1009.4	S	10	43	39	35	3
05 90 35				999.0	SM	29	44	40	35	10
06 UNL 35				999.6	MSW	25	40	35	26	2
07 200 35				997.8	SSW	14	40	35	27	8
08 UNL 40				992.6	S	27	38	34	28	6
09 40 15				993.3	SSW	39	36	33	27	10
10 40 15				996.8	SE	3	31	31	30	10
11 UNL 15				1003.4	E	2	25	25	23	8
12 UNL 35				1007.2	SW	14	35	32	29	1
13 UNL 40				1005.4	NNW	8	28	26	22	3
14 UNL 40				994.9	NE	4	35	33	30	6
15 80 40				997.3	W	2	32	30	25	9
16 12 40				1001.3	NW	4	32	31	30	10
17 20 2	S-			1006.4	NE	4	29	29	29	10
18 20 2	S-			1011.2	NNW	10	27	27	27	10
19 80 35				1014.7	SSW	2	38	35	30	10
20 UNL 40				1015.3	SW	3	34	33	30	10
21 UNL 40				1015.2	SSW	19	41	37	31	7
22 30 15				1006.9	SW	25	40	36	31	10
23 15 8				1007.2	NNE	6	26	26	24	10
24 15 8				1004.4	CALM	29	38	27	9	9
25 40 15	R-			1000.4	WSW	18	41	39	36	10
26 3 2	S-			1005.1	NNE	8	32	32	32	10
27 15 2	S-			1006.3	N	8	24	24	23	10
28 UNL 10	S-			1009.9	CALM	20	20	18	9	9
29 UNL 1	1/4F			1012.0	CALM	16	16	15	8	8
30 UNL 1	1/2F			1008.3	NNW	4	16	17	16	10
31 UNL 35				1000.0	SSW	10	19	17	13	1
AVG				1004.0		10	32	31	27	8

ALERT  
AUGUST 1971 0500 AST

01 UNL 40				1005.0	ENE	5	38	36	33	6
02 50 40				1003.4	E	2	36	34	33	10
03 9 3	S-			1008.2	ENE	5	33	33	32	9
04 UNL 35				1007.2	SSW	37	43	39	35	6
05 80 35				989.1	SW	27	46	41	35	8
06 UNL 35				999.5	SW	30	40	35	28	3
07 200 35				997.4	S	17	39	34	26	7
08 UNL 40				992.3	SSW	28	39	35	29	1
09 50 15				993.9	SSW	38	35	32	28	9
10 90 15				996.9	SSW	5	31	30	27	9
11 UNL 15				1003.6	S	12	32	31	30	4
12 UNL 35				1008.2	SW	23	36	33	28	1
13 UNL 40				1003.4	NNW	6	27	26	22	7
14 UNL 40				994.5	CALM	40	36	29	7	7
15 80 40				996.4	SW	38	36	33	10	9
16 12 40				1002.4	NE	3	32	31	30	10
17 20 11/25-				1007.0	NNW	6	30	30	29	10
18 30 15				1012.0	NNW	3	28	27	26	10
19 80 35				1015.3	CALM	39	36	32	10	10
20 UNL 40				1016.5	CALM	36	34	31	3	3
21 UNL 40				1013.0	SW	27	45	39	31	10
22 50 15				1006.7	NW	9	38	36	33	10
23 12 15				1007.2	SE	10	26	26	24	9
24 80 15				1002.6	CALM	32	31	30	10	10
25 3 15				1003.2	NE	9	34	34	34	10
26 3 1	1/8F			1003.8	NNE	4	31	31	31	10
27 12 15	S-			1007.3	CALM	23	23	21	10	10
28 120 2	F			1010.9	CALM	22	22	21	10	10
29 25 3	F			1010.9	W	5	14	14	9	9
30 UNL 1	1/2F			1007.6	CALM	4	15	15	15	6
31 UNL 35				1000.2	SW	11	17	16	11	2
AVG				1004.1		11	33	31	28	8

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (inches)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT  
AUGUST 1971 0800 AST

01 UNL 40				1004.5	SE	3	39	37	34	9
02 50 35				1003.8	NNE	4	35	34	32	10
03 15 2	S-			1009.7	ENE	7	33	32	31	10
04 UNL 15				1005.2	SSW	38	43	39	34	10
05 90 15				990.6	SM	22	48	42	36	10
06 UNL 40				999.8	SM	21	41	35	28	2
07 200 40				997.0	SSW	23	38	34	26	8
08 UNL 40				992.3	SSW	24	42	37	30	8
09 35 15				995.5	SSW	27	35	32	27	10
10 UNL 40				997.7	CALM	33	31	27	5	5
11 UNL 40				1004.1	W	4	34	33	30	3
12 UNL 35				1008.8	SW	19	37	34	29	1
13 UNL 15				1001.3	NNW	7	28	27	24	2
14 UNL 35				994.1	SSW	28	46	39	31	3
15 80 35				997.3	CALM	33	31	28	9	9
16 20 35				1003.5	ENE	5	32	31	30	10
17 20 1	S-			1007.8	NNW	8	29	29	9	9
18 UNL 15				1012.0	NNE	5	29	29	28	7
19 40 40				1015.9	CALM	39	37	33	10	10
20 UNL 40				1017.7	NE	3	39	36	31	3
21 UNL 40				1012.4	SW	30	46	40	32	8
22 25 5	R-			1006.2	N	2	35	35	34	10
23 25 25				1005.4	S	16	30	29	27	10
24 20 15				1000.8	SM	22	39	35	30	10
25 7 6	R-F			1005.4	ENE	3	33	33	33	10
26 3 1	1/8F			1003.8	NNW	14	32	32	32	10
27 40 15				1007.4	SSW	2	24	24	22	10
28 13 15				1011.6	CALM	23	23	21	10	10
29 UNL 1	F			1011.3	W	5	17	17	16	7
30 UNL 1	F			1006.2	NNW	2	15	15	13	7
31 UNL 35				1000.5	SSW	9	17	16	13	3
AVG				1004.2		11	34	32	28	8

ALERT  
AUGUST 1971 1100 AST

01 UNL 40				1003.8	ENE	6	39	37	34	7
02 45 10	R-			1003.9	CALM	35	34	33	10	10
03 15 2	S-			1010.8	ENE	4	33	32	31	10
04 90 15				1002.7	S	38	43	40	35	10
05 50 15				993.9	NNE	2	37	36	34	10
06 UNL 40				999.4	SW	25	43	36	25	1
07 UNL 40				995.6	SSW	33	39	34	26	8
08 100 40				992.2	SSW	22	42	38	31	8
09 30 11/25-				996.2	NNW	3	31	31	31	10
10 200 15				998.6	NNW	4	34	32	29	10
11 50 40				1003.8	SSW	3	36	33	29	9
12 UNL 35				1008.8	SSW	22	39	34	27	1
13 UNL 15				999.4	NNW	11	28	27	25	1
14 UNL 35				1004.3	SW	35	46	39	31	4
15 70 35				997.1	W	37	33	33	26	8
16 11 15				1004.1	NE	5	31	30	29	10
17 20 2	S-			1008.3	N	7	30	30	29	10
18 UNL 15				1011.3	WSW	12	37	33	28	2
19 40 40				1015.7	ENE	3	40	37	34	7
20 UNL 40				1018.0	ENE	5	38	35	30	1
21 200 40				1010.8	SW	25	46	39	29	9
22 10 2	S-			1004.3	N	7	33	33	33	10
23 110 20				1004.8	NNW	7	31	30	29	10
24 15 10	R-			1000.8	SM	23	39	36	32	10
25 14 10				1006.8	E	7	33	33	31	10
26 9 3/4S-				1004.1	E	3	32	32	31	10
27 35 15				1007.2	CALM	26	26	25	10	10
28 12 15				1011.9	CALM	24	24	22	10	10
29 15 1	F			1009.7	NW	2	48	19	18	10
30 UNL 1	F			1004.5	CALM	18	18	17	9	9
31 UNL 40				1001.0	SSW	3	22	21	18	4
AVG				1004.0		10	34	32	28	8

ALERT  
AUGUST 1971 1700 AST

01 UNL 40				1002.4	E	3	38	36	33	8
02 16 6	R-			1005.0	E	3	38	37	37	10
03 200 5	S-			1012.2	ENE	3	34	33	32	10
04 90 15				996.5	S	45	45	40	35	10
05 35 6	S-			993.3	NE	8	32	32	31	10
06 UNL 40				998.9	WSW	18	44	36	24	7
07 UNL 40				994.4	SSW	28	41	35	26	4
08 UNL 40				992.1	S	28	44	38	30	8
09 20 1	S-			996.8	NW	13	31	31	30	10
10 30 1	SG-			1002.2	ENE	4	30	30	29	10
11 200 15				1004.2	SSW	17	38	35	30	9
12 UNL 35				1008.8	NW	3	38	34	28	1
13 UNL 40				997.9	NNW	3	32	32	31	10
14 UNL 35				995.3	SSW	29	45	39	31	7
15 15 35				1000.0	N	4				

## SYNOPTIC OBSERVATIONS

ALERT

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 (Amount)
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ALERT NMT  
SEPTEMBER 1971 0200 AST

01 180 35				1002.5 WNW	3	16	16	13	9	
02 9 1	S-F			1000.5 CALM	24	24	23	10		
03 8 15				996.9 NNE	5	25	25	24	9	
04 5 3	S-F			1000.4 CALM	28	28	28	10		
05 20 10				1000.9 WNW	3	17	17	16	9	
06 25 15				1000.3 CALM	23	23	21	10		
07 20 10	S-			1002.7 W	5	20	20	17	9	
08 10	3/4S-			999.1 WSW	7	20	20	18	10	
09 UNL 25				1005.6 WSW	20	23	22	18	7	
10 70 30				1021.7 W	5	25	24	22	10	
11 UNL 35				1029.0 W	6	25	22	16	1	
12 UNL 35				1020.8 NE	1	15	15	14	5	
13 UNL 35				1020.0 W	2	17	17	13	10	
14 90 30				1018.9 CALM	18	18	16	9		
15 7 5	S-			1018.0 NNE	13	20	20	18	10	
16 UNL 4	IF			1013.0 CALM	6	6	6	4		
17 20 8				1007.5 W	5	5	6	3	10	
18 200 6	IC			1005.4 WNW	2	5	5	2	9	
19 UNL 35				1008.1 CALM	8	9	6	2		
20 5	1/8IF			1013.5 CALM	4	4	4	2	10	
21 190	3/4IF			1018.9 CALM	4	0	0	3	10	
22 UNL	1/2ICIF			1012.9 CALM	1	2	1	7		
23 UNL 30				1013.4 CALM	-10	-10	-12	2		
24 UNL 35				1014.8 W	6	2	2	3	2	
25 UNL 35				1020.3 CALM	9	8	4	5		
26 100 35				1021.7 WSW	3	18	18	15	8	
27 UNL 35				1014.1 W	9	8	8	5	2	
28 180 35				1009.7 W	22	19	18	13	9	
29 100 35				1011.3 W	14	18	17	15	8	
30 UNL 35				1010.8 WSW	26	19	18	14	3	

AVG 1011.0 5 14 14 11 7

ALERT NMT  
SEPTEMBER 1971 0500 AST

01 20 15				1002.1 W	2	22	22	20	10	
02 4 4	F			999.9 NNE	4	26	26	25	10	
03 11 15				997.7 W	11	25	24	22	9	
04 3 2	S-			1000.3 WSW	4	28	28	28	10	
05 5 10				1000.8 WNW	3	20	20	18	10	
06 25 15				1000.7 SW	12	23	22	19	9	
07 20 12				1002.8 WSW	3	21	20	15	10	
08 11 11/2S-				999.3 WSW	8	21	20	18	10	
09 60 30				1007.0 WSW	15	25	23	18	9	
10 70 35				1023.8 W	5	25	24	22	10	
11 UNL 40				1028.1 SSW	5	26	22	13	1	
12 UNL 35				1020.4 CALM	14	14	12	7		
13 UNL 35				1020.4 CALM	16	15	11	10		
14 90 35				1018.2 W	2	20	20	17	9	
15 3 3	S-IF			1017.8 NNE	5	19	19	18	10	
16 UNL	1/2IF			1012.4 CALM	7	7	5	6		
17 100 10				1006.8 W	6	6	6	4	9	
18 80 2	S-			1005.6 CALM	8	8	5	9		
19 UNL 35				1008.6 CALM	7	7	5	5		
20 4	1/8IF			1014.2 CALM	3	1	2	10		
21 190	1/8IF			1012.9 CALM	3	1	3	10		
22 UNL	3/8ICIF			1012.9 CALM	2	2	0	8		
23 UNL 35				1013.7 WNW	4	2	2	4	3	
24 UNL 35				1014.8 W	5	3	3	1	2	
25 UNL 35				1021.8 WNW	2	7	6	1	3	
26 UNL 35				1020.7 WSW	20	22	20	15	2	
27 UNL 35				1013.3 WSW	9	8	2	6		
28 120 35				1009.7 W	21	18	17	11	10	
29 UNL 35				1011.1 SW	12	17	16	12	7	
30 UNL 35				1010.6 WSW	20	18	17	12	1	

AVG 1011.0 6 15 15 11 7

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 (Amount)
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ALERT NMT  
SEPTEMBER 1971 0800 AST

01 20 2	SG-F			1002.3 ESE	7	23	23	22	10	
02 3 6	F			998.9 W	12	26	26	26	10	
03 15 15				996.6 W	14	25	25	22	9	
04 5 2	S-			1000.1 NE	2	27	27	26	10	
05 3 2	SG-F			1000.8 WNW	10	24	24	23	10	
06 25 15				1001.4 SSW	11	20	19	14	9	
07 20 15				1002.5 CALM	21	20	16	10		
08 220 3	S-			999.9 WSW	13	22	21	18	10	
09 50 15				1008.7 WSW	15	27	25	21	10	
10 70 20				1025.5 W	5	25	24	22	9	
11 UNL 40				1026.4 CALM	29	24	15	8		
12 UNL 35				1021.3 CALM	15	15	12	9		
13 250 35				1020.5 WSW	3	18	17	12	10	
14 110 30				1017.4 W	3	20	20	18	10	
15 4	3/4IF			1017.4 WNW	2	18	19	17	10	
16 UNL	1/2IF			1011.7 WNW	3	3	3	1	3	
17 20 5	S-IF			1005.9 W	6	10	10	7	7	
18 UNL 25	S-			1005.7 WNW	5	5	2	7		
19 UNL 15	IC			1008.9 NE	1	3	3	0	2	
20 UNL	1/8IF			1014.5 CALM	4	4	2	9		
21 UNL	1/8IF			1015.0 W	2	1	2	1	9	
22 UNL	1/8ICIF			1013.1 WNW	4	1	1	1	9	
23 UNL 35				1011.1 WNW	5	1	1	8	10	
24 UNL 35				1014.9 CALM	9	9	4	2		
25 UNL 35				1023.6 CALM	2	2	2	4		
26 UNL 35				1020.2 WSW	22	18	18	12	1	
27 75 35				1012.3 W	14	13	12	5	9	
28 UNL 35				1010.2 W	22	17	17	14	8	
29 100 35				1011.2 WSW	14	18	17	13	10	
30 UNL 35				1009.7 WSW	26	18	17	12	7	

AVG 1011.1 7 15 15 11 8

ALERT NMT  
SEPTEMBER 1971 1100 AST

01 3 2	S-F			1002.0 NNE	6	24	24	23	10	
02 3	1/2S-F			998.1 W	10	25	25	24	10	
03 12 15				999.4 WSW	13	27	26	24	10	
04 2	1/2S-F			1000.2 NNE	4	23	23	22	10	
05 11 6	F			1000.9 E	3	20	20	19	10	
06 UNL 25				1001.1 SSW	9	22	21	16	8	
07 110 10	S-			1001.3 WNW	10	21	20	17	10	
08 100 10				1000.5 WSW	14	23	22	18	10	
09 50 10				1010.7 W	10	28	26	23	10	
10 180 35				1027.1 W	4	21	21	18	9	
11 UNL 40				1025.0 CALM	21	20	16	9		
12 UNL 35				1020.4 CALM	18	17	14	9		
13 120 25				1020.2 CALM	19	18	14	9		
14 60 25				1016.4 W	4	21	21	18	9	
15 5	1/4S-IF			1016.8 E	1	19	20	19	10	
16 UNL	1/2IF			1010.8 CALM	6	6	4	4		
17 UNL 7	S-			1005.1 W	3	11	11	9	4	
18 UNL 35				1005.5 CALM	10	10	8	7		
19 UNL 15				1009.5 W	3	1	0	5	1	
20 UNL	1/2IF			1014.4 CALM	5	5	3	8		
21 UNL	1/4IF			1014.8 CALM	5	3	1	9		
22 UNL	1/8F			1013.3 W	2	3	3	0	9	
23 UNL 35				1014.7 CALM	4	3	3	0		
24 UNL 35				1015.2 SW	9	9	5	3		
25 UNL 35				1023.6 NE	5	7	6	0	6	
26 UNL 35				1018.4 WSW	24	21	19	11	2	
27 UNL 35				1011.9 WSW	16	15	14	8	4	
28 240 35				1010.6 W	20	19	18	14	9	
29 35 35				1011.4 W	10	18	17	13	10	
30 UNL 35				1009.2 W	14	18	17	13	8	

AVG 1011.0 6 16 16 12 8

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 (Amount)
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ALERT NMT  
SEPTEMBER 1971 1400 AST

01 3 2	S-F			1001.9 NNE	3	24	24	23	10	
02 3 2	S-			997.2 NNE	11	25	25	24	10	
03 15 15				999.6 WSW	14	29	28	27	10	
04 3 6	S-			1000.3 W	5	24	24	22	10	
05 12 10	SG-			1000.5 CALM	23	22	21	10		
06 UNL 35				1001.3 CALM	22	21	16	2		
07 11 10	S-			1000.6 W	11	20	20	17	10	
08 100 10				1001.9 WSW	15	24	22	19	10	
09 50 15				1012.6 WSW	11	27	25	21	10	
10 UNL 40				1028.5 CALM	25	24	19	2		
11 200 40				1024.1 CALM	16	16	13	10		
12 UNL 35				1020.5 CALM	16	16	13	10		
13 UNL 35				1020.4 CALM	19	19	16	8		
14 60 25	S-			1016.6 WNW	3	21	20	17	9	
15 13	21/2IF			1015.7 WNW	7	19	19	18	10	
16 UNL	3/8IF			1010.2 CALM	5	5	2	6		
17 UNL 5	S-			1004.8 W	5	11	11	9	6	
18 UNL 35				1005.4 NE	1	7	8	5	8	
19 UNL 25	IC			1010.3 E	3	6	6	4	10	
20 UNL	1/4IF			1014.1 CALM	3	3	1	9		
21 180	1/8IF			1014.4 WNW	1	1				

SYNOPTIC OBSERVATIONS

ALERT

Table with 10 columns: 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 (heavily)

Table with 10 columns: 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 (heavily)

Table with 10 columns: 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 (heavily)

Table with 10 columns: 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 (heavily)

ALERT NMT  
OCTOBER 1971 0200 AST

Table with 10 columns: 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 (heavily)

ALERT NMT  
OCTOBER 1971 0800 AST

Table with 10 columns: 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 (heavily)

ALERT NMT  
OCTOBER 1971 1400 AST

Table with 10 columns: 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 (heavily)

ALERT NMT  
OCTOBER 1971 2000 AST

Table with 10 columns: 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 (heavily)

ALERT NMT  
OCTOBER 1971 0500 AST

Table with 10 columns: 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 (heavily)

ALERT NMT  
OCTOBER 1971 1100 AST

Table with 10 columns: 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 (heavily)

ALERT NMT  
OCTOBER 1971 1700 AST

Table with 10 columns: 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 (heavily)

ALERT NMT  
OCTOBER 1971 2300 AST

Table with 10 columns: 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 (heavily)

SYNOPTIC OBSERVATIONS

ALERT

Date	Calling (1000's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NOVEMBER 1971 0200 AST

Date	Calling (1000's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	4	1/4F		1009.5 MNN	1	-18	-17	-18	10	
02	UNL 15			1010.6 CALM			-27	-27	-27	8
03	160 10	IC		1013.0 MNN	4	-25	-25	-27	10	
04	UNL 15			1011.3 W	6	-24	-24	-27	4	
05	180 10	IC		1027.9 MNN	2	-22	-22	-26	10	
06	UNL 4	IC		1030.7 MNN	6	-25	-25	-29	3	
07	UNL 15			1022.7 MNN	2	-26	-26	-30	3	
08	UNL 15			1024.0 W	7	-18	-18	-23	0	
09	UNL 15			1020.3 MNN	3	-13	-13	-16	4	
10	UNL 15			1017.4 CALM			-16	-16	-18	0
11	UNL 15			1022.1 MNN	4	-11	-10	-13	2	
12	UNL 10			1012.7 MWSW	31	-2	-2	-8	8	
13	UNL 15			1024.6 W	4	-20	-20	-22	0	
14	20 11/25-			1014.2 MNN	2	-12	-11	-14	10	
15	UNL 5	IC		1028.2 ENE	3	-26	-26	-28	8	
16	UNL 15			1037.0 CALM			-17	-17	-21	0
17	UNL 15	IC		1030.0 CALM			-24	-23	-26	0
18	UNL 15			1021.5 CALM			-21	-21	-22	0
19	UNL 15			1014.7 M	2	-16	-16	-18	0	
20	UNL 15			1013.9 W	3	-14	-14	-17	0	
21	UNL 15			1004.6 ENE	2	-15	-15	-18	0	
22	UNL 15			1001.6 NE	5	-22	-22	-24	0	
23	UNL 15	S-		1016.4 S	2	-20	-20	-22	8	
24	50 21/25-			1016.1 M	2	-24	-24	-25	10	
25	UNL 15	S-		1021.3 CALM			-28	-28	-32	3
26	UNL 10	IC		1024.6 MNN	4	-25	-25	-27	2	
27	UNL 3/8BS			1021.6 MWSW	37	-9	-9	-13	10	
28	50 2	IC		1030.6 M	9	-9	-9	-13	10	
29	UNL 15	IC		1028.0 W	3	-16	-16	-21	8	
30	170 10			1023.7 MWSW	25	-1	-2	-8	10	

AVG 1019.9 6 -18 -18 -21 5

ALERT NOVEMBER 1971 0500 AST

Date	Calling (1000's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)	
01	3	1/4S-F		1009.5 MNN	1	-18	-18	-18	10		
02	UNL 25			1010.7 CALM			-23	-23	-27	5	
03	160 10	IC		1012.7 CALM			-21	-21	-24	10	
04	UNL 15			1012.5 W	7	-23	-23	-26	6		
05	160 10	IC		1030.2 MNN	5	-26	-25	-28	10		
06	UNL 10	IC		1029.0 W	3	-28	-28	-32	1		
07	UNL 15	IC		1022.7 MWSW	5	-13	-13	-17	3		
08	UNL 15			1024.0 MNN	6	-21	-21	-26	0		
09	60 19	IC		1019.1 M	6	-12	-11	-14	8		
10	UNL 15			1018.5 MNN	5	-15	-15	-20	0		
11	50 15			1022.4 CALM			-11	-11	-14	10	
12	60 5	BS		1012.2 MNN	21	-1	-1	-6	10		
13	UNL 15			1024.6 CALM			-17	-17	-20	0	
14	15 11/4S-			1013.2 M	14	-9	-9	-12	10		
15	UNL 15	IC		1030.6 CALM			-26	-26	-30	0	
16	UNL 15			1037.1 CALM			-21	-21	-25	0	
17	UNL 15			1029.3 CALM			-26	-26	-28	0	
18	UNL 15			1020.1 CALM			-20	-20	-21	0	
19	UNL 15			1016.1 MNN	3	-14	-14	-15	0		
20	UNL 15			1013.0 MWSW	1	-7	-7	-10	0		
21	UNL 15			1003.6 W	2	-18	-18	-21	0		
22	UNL 15			1004.1 CALM			-22	-22	-24	0	
23	UNL 15	S-		1017.0 CALM			-21	-20	-23	5	
24	UNL 10	S-		1017.7 CALM			-23	-23	-26	0	
25	UNL 15	IC		1022.0 W	6	-30	-30	-33	0		
26	UNL 15	IC		1025.7 MNN	3	-22	-22	-24	0		
27	UNL 3/8BS			1021.6 MWSW	35	-3	-3	-7	7		
28	UNL 5	S-		1031.5 ESE	2	-10	-10	-14	5		
29	90 7	S-		1027.7 MWSW	3	-14	-14	-17	10		
30	150 10			1023.5 MWSW	25	0	-1	-7	10		

AVG 1020.1 5 -17 -17 -20 4

Date	Calling (1000's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NOVEMBER 1971 0800 AST

Date	Calling (1000's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)	
01	UNL 1/25P-F			1009.2 CALM			-23	-22	-24	5	
02	UNL 35			1011.0 CALM			-27	-27	-29	6	
03	10 1/2S-IF			1012.3 CALM			-20	-20	-22	10	
04	UNL 15			1014.1 W	6	-21	-21	-29	10		
05	180 15	IC		1031.2 MNN	7	-26	-26	-30	10		
06	180 10	IC		1026.6 CALM			-24	-24	-27	10	
07	UNL 15			1022.2 SW	18	-8	-8	-13	2		
08	UNL 15			1023.0 MNN	5	-20	-20	-24	1		
09	UNL 3	S-		1017.6 MNN	10	-9	-9	-12	10		
10	UNL 15	S-		1019.4 CALM			-10	-10	-14	10	
11	80 15	S-		1022.0 CALM			-8	-8	-13	10	
12	15 21/25-			1012.7 ENE	5	-3	-3	-7	10		
13	UNL 15			1023.8 W	4	-21	-21	-30	10		
14	25 11/4S-BS			1012.9 MNN	23	-10	-9	-12	10		
15	UNL 15			1032.2 CALM			-25	-25	-26	0	
16	UNL 15			1036.7 W	2	-20	-20	-22	0		
17	UNL 15			1028.2 CALM			-27	-27	-27	0	
18	UNL 15			1018.3 MWSW	3	-19	-19	-21	0		
19	UNL 15	S-		1015.4 CALM			-9	-9	-15	10	
20	UNL 15			1014.7 M	8	-17	-17	-18	0		
21	UNL 15			1002.4 W	4	-17	-16	-20	0		
22	UNL 15			1006.5 W	6	-23	-22	-25	0		
23	UNL 15	IC		1017.1 MNN	4	-23	-23	-25	0		
24	UNL 15	IC		1018.6 MNN	5	-28	-27	-28	0		
25	UNL 15	IC		1022.6 MNN	2	-26	-26	-28	0		
26	45 15	S-		1025.9 W	9	-17	-17	-22	10		
27	150 5	BS		1021.4 MWSW	36	-1	-1	-5	10		
28	UNL 10	IC		1032.0 S	2	-10	-10	-15	0		
29	90 15			1027.5 W	9	-9	-9	-14	7		
30	150 15			1023.6 MWSW	22	1	-1	-3	10		

AVG 1020.0 6 -16 -16 -19 5

ALERT NOVEMBER 1971 1100 AST

Date	Calling (1000's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)	
01	UNL 15			1009.1 W	3	-26	-26	-27	3		
02	UNL 35			1011.3 ENE	1	-27	-26	-29	4		
03	8 11/2S-IF			1012.0 MNN	3	-19	-18	-20	10		
04	UNL 35			1015.8 W	7	-22	-22	-26	8		
05	27 10	IC		1032.7 MNN	4	-28	-28	-32	10		
06	120 2	S-F		1025.6 MNE	4	-27	-26	-29	10		
07	UNL 15			1022.2 SW	19	-8	-8	-11	1		
08	UNL 15			1022.8 MNN	7	-19	-19	-22	1		
09	30 11/2S-			1017.0 MNE	5	-9	-8	-9	10		
10	45 15	S-		1020.6 MNE	9	-7	-7	-10	10		
12	18 2	S-		1015.1 M	11	-7	-7	-9	10		
13	UNL 15			1023.2 W	3	-18	-18	-26	3		
14	UNL 5	S-BS		1014.5 M	13	-10	-10	-14	8		
15	UNL 15			1033.5 MNN	5	-23	-23	-24	3		
16	UNL 15			1035.9 CALM			-19	-19	-21	0	
17	UNL 15			1027.5 ENE	1	-25	-24	-25	0		
18	UNL 15			1017.1 W	7	-19	-19	-21	1		
19	60 15			1014.6 CALM			-6	-6	-11	0	
20	UNL 15			1010.8 MWSW	5	1	0	-8	10		
21	UNL 15			1001.0 W	3	-21	-21	-22	1		
22	UNL 15			1008.7 CALM			-18	-18	-21	0	
23	UNL 15	IC		1016.5 CALM			-23	-23	-25	0	
24	UNL 15	IC		1019.1 W	4	-26	-26	-27	0		
25	UNL 3	IC		1023.3 CALM			-24	-24	-25	0	
26	45 15	S-		1025.7 W	14	-11	-11	-16	10		
27	80 10			1022.5 W	29	-2	-2	-6	10		
28	UNL 10	IC		1031.1 CALM			-14	-14	-18	0	
29	UNL 15			1027.1 MNN	8	-12	-12	-16	4		
30	150 15			1023.5 SW	23	2	2	-2	10		

AVG 1020.0 6 -16 -16 -19 5

Date	Calling (1000's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NOVEMBER 1971 1400 AST

Date	Calling (1000's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
01	UNL 35			1009.1 CALM			-24	-24	-25	7
02	UNL 35			1012.0 CALM			-26	-26	-28	9
03	8	1/4S-IF		1011.2 MNN	1	-18	-18	-19	6	
04	UNL 35	IC		1018.5 W	5	-20	-20	-24	9	
05	UNL 10	IC		1033.0 W	3	-29	-29	-33	10	
06	50 2	S-F		1024.0 M	5	-26	-26	-28	10	
07	UNL 15			1022.7 MWSW	12	-9	-9	-14	0	
08	UNL 15			1022.6 MNN	8	-20	-20	-21	2	
09	30 2	S-		1016.5 M	8	-9	-9	-12	10	
10	50 15	S-		1020.4 MNN						

## SYNOPTIC OBSERVATIONS

ALERT

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NMT  
DECEMBER 1971 0200 AST

01 120 10 S-	1019.4	MW	6	-4	-5	-11	10			
02 20 11/25-	1021.7	NNE	2	-16	-16	-22	10			
03 UNL 15 IC	1021.4	CALM	-37							
04 UNL 11/21C	1019.4	CALM	-33	-33	-37	4				
05 UNL 15 IC	1017.5	CALM	-34	-34	-37	7				
06 UNL 15 IC	1015.1	CALM	-35	-35	-38	0				
07 UNL 15 IC	1015.4	CALM	-36							
08 70 10 S-	1010.3	CALM	-28	-28	-28	10				
09 UNL 15 IC	1010.6	MNW	2	-37						
10 UNL 15 IC	1021.0	CALM	-36							
11 UNL 15 IC	1028.2	NE	4	-32	-32	-33	0			
12 UNL 15 IC	1026.7	ENE	3	-37						
13 UNL 10 IC	1020.8	CALM	-30	-30	-32	1				
14 UNL 15 IC	1019.1	CALM	-29	-28	-29	0				
15 UNL 15 IC	1018.3	MNW	3	-33	-32	4				
16 UNL 15 IC	1018.7	WSW	2	-33	-33	34	0			
17 UNL 15 IC	1015.6	CALM	-34	-34	-35	0				
18 UNL 15 IC	1007.3	CALM	-35	-35	-36	0				
19 UNL 5 BS	1021.4	SW	28	-24	-25	-24	0			
20 UNL 15 IC	1006.3	CALM	-31	-30	-32	0				
21 80 10 S-	1009.6	CALM	-29	-29	-33	10				
22 UNL 6 S-	1019.0	CALM	-24	-23	-27	6				
23 UNL 15 IC	1019.3	CALM	-27	-27	-33	0				
24 UNL 15 IC	1007.5	MNW	4	-24	-24	30	0			
25 UNL 15 IC	1008.8	MNW	8	-27	-27	35	0			
26 UNL 15 IC	1015.5	MNW	7	-32	-32	33	0			
27 UNL 15 IC	1024.5	CALM	-30	-30	-32	8				
28 80 3 BS	984.3	W	14	-9	-9	-16	10			
29 80 1 BS	994.1	WSW	39	-14	-14	-16	10			
30 80 1/2BS	995.4	WSW	46	-12	-12	-16	10			
31 UNL 15 IC	1000.6	W	17	-12	-13	-16	0			
AVG	1012.7		6	-28	-27	-30	3			

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NMT  
DECEMBER 1971 0800 AST

01 35 11/25-	1021.1	CALM	-9	-9	-9	-11	10			
02 35 2 S-	1021.9	MNE	4	-17	-17	-19	10			
03 UNL 1 ICIF	1021.1	CALM	-38							
04 UNL 15 IC	1019.4	CALM	-35	-35	-42	0				
05 UNL 15 IC	1016.9	CALM	-32	-32	-33	7				
06 UNL 25 IC	1015.2	CALM	-35	-35	-36	0				
07 UNL 15 IC	1015.0	CALM	-37							
08 UNL 15 IC	1009.0	CALM	-31	-31	-33	0				
09 UNL 15 IC	1012.7	W	5	-39						
10 UNL 15 IC	1025.9	CALM	-34	-34	-37	1				
11 UNL 15 IC	1029.4	CALM	-39							
12 UNL 15 IC	1025.0	CALM	-35	-35	-42	0				
13 UNL 15 S-	1020.0	CALM	-32	-32	-33	4				
14 UNL 15 IC	1020.4	W	4	-32	-32	-34	0			
15 UNL 15 IC	1018.2	CALM	-33	-33	-34	0				
16 UNL 15 IC	1019.2	CALM	-33	-33	-34	0				
17 UNL 15 IC	1014.0	CALM	-33	-33	-39	0				
18 UNL 15 IC	1005.1	CALM	-35	-35	-38	0				
19 UNL 10 IC	1001.5	WSW	28	-24	-24	-29	0			
20 UNL 15 IC	1001.4	CALM	-32							
21 80 3 S-	1011.4	CALM	-27	-27	-27	10				
22 UNL 15 IC	1021.4	MNW	2	-29	-29	-35	0			
23 UNL 15 IC	1016.9	MNW	1	-28	-28	-34	0			
24 UNL 15 IC	1006.2	MNW	2	-26	-26	-28	0			
25 UNL 15 IC	1011.1	WSW	2	-30	-30	-32	0			
26 UNL 15 IC	1017.8	MNW	2	-32	-32	-33	0			
27 24 5 IC	999.2	SE	2	-24	-24	-25	10			
28 30 1/2BS	990.4	WSW	35	-11	-11	-16	10			
29 60 3/8BS	995.2	WSW	38	-13	-13	-17	10			
30 UNL 21/2BS	998.4	WSW	40	-13	-13	-17	3			
31 UNL 15 IC	1005.3	SW	22	-14	-14	-20	0			
AVG	1013.2		6	-29	-29	-33	2			

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NMT  
DECEMBER 1971 1400 AST

01 35 2 S-	1021.8	E	4	-12	-12	-15	10			
02 35 2 S-	1021.8	ENE	6	-21	-21	-22	10			
03 UNL 3/4ICIF	1019.5	CALM	-33	-33	-34	9				
04 UNL 15 IC	1018.5	CALM	-36							
05 UNL 15 IC	1015.9	CALM	-33	-33	-34	3				
06 UNL 15 IC	1015.1	CALM	-35	-35	-36	0				
07 70 15 IC	1012.7	MNW	1	-33	-33	-37	8			
08 UNL 15 IC	1008.4	MNW	4	-35	-35	-36	0			
09 UNL 15 IC	1014.5	W	8	-37						
10 UNL 15 IC	1025.2	MNW	5	-35	-35	-38	0			
11 UNL 15 IC	1028.5	CALM	-35	-35	-42	0				
12 UNL 15 IC	1023.0	CALM	-35	-35	-41	0				
13 UNL 15 IC	1019.5	WSW	2	-29	-29	-37	0			
14 UNL 15 IC	1020.3	W	6	-31	-31	-32	0			
15 UNL 15 IC	1017.6	MNW	5	-32	-32	-34	0			
16 UNL 15 IC	1018.2	WSW	2	-34	-34	-35	0			
17 UNL 15 IC	1011.6	CALM	-33	-33	-39	0				
18 UNL 15 IC	1003.0	CALM	-37							
19 UNL 15 IC	1003.0	W	12	-26	-26	-30	8			
20 UNL 15 IC	1008.4	MNW	7	-31	-31	-35	0			
21 80 6 S-	1013.3	CALM	-25	-25	-26	8				
22 80 15 IC	1021.7	MNW	2	-26	-26	-32	10			
23 UNL 15 IC	1013.6	CALM	-24	-24	-30	9				
24 UNL 15 IC	1005.7	NE	2	-27	-27	-27	0			
25 UNL 15 IC	1012.8	W	3	-29	-28	-29	0			
26 UNL 15 IC	1016.8	MNW	6	-32	-32	-33	0			
27 150 15 IC	991.2	CALM	-26	-26	-28	10				
28 30 1/2BS	992.4	W	37	-9	-9	-14	9			
29 80 1/8BS	995.8	WSW	43	-15	-15	-19	10			
30 70 10 IC	997.0	WSW	33	-11	-11	-15	9			
31 UNL 15 IC	1007.6	SW	35	-11	-11	-17	5			
AVG	1012.7		7	-28	-28	-30	4			

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ALERT NMT  
DECEMBER 1971 2000 AST

01 30 11/25-	1021.4	ENE	4	-11	-11	-17	10			
02 35 2 S-	1021.2	BNE	1	-25	-25	-27	10			
03 UNL 2 IC	1018.9	MNW	16	-30	-30	-34	9			
04 UNL 15 IC	1018.3	CALM	-36							
05 UNL 15 IC	1015.6	CALM	-33	-33	-37	0				
06 UNL 15 IC	1015.3	MNW	1	-35	-35	-41	0			
07 UNL 15 IC	1011.4	W	1	-33	-32	-34	0			
08 UNL 15 IC	1008.6	CALM	-35	-35	-41	0				
09 UNL 15 IC	1017.5	MNW	2	-37						
10 UNL 15 IC	1026.3	W	20	-24	-24	-25	0			
11 UNL 15 IC	1028.5	CALM	-37							
12 UNL 15 IC	1021.3	E	1	-30	-30	-32	0			
13 UNL 15 IC	1019.1	ENE	4	-28	-27	-28	0			
14 UNL 15 IC	1019.7	W	8	-33	-32	-34	0			
15 UNL 15 IC	1018.1	W	3	-33	-33	-34	0			
16 UNL 15 IC	1017.3	MNW	1	-34	-34	-35	0			
17 UNL 15 IC	1009.7	CALM	-32	-32	-33	0				
18 UNL 15 IC	1002.4	W	18	-22	-21	-24	0			
19 UNL 15 IC	1005.1	CALM	-39							
20 UNL 15 IC	1008.4	MNW	7	-31	-31	-35	0			
21 UNL 10 IC	1016.4	CALM	-26	-26	-29	0				
22 UNL 15 IC	1021.6	W	3	-25	-25	-31	0			
23 UNL 15 IC	1010.9	W	7	-28	-28	-34	0			
24 UNL 15 IC	1007.1	NNE	11	-8	-8	-13	0			
25 UNL 15 IC	1014.5	CALM	-30	-30	-32	1				
26 UNL 15 IC	1012.8	MNW	8	-30	-30	-34	0			
27 150 15 IC	993.1	CALM	-24	-24	-25	7				
28 70 2 BS	994.0	W	33	-11	-11	-13	10			
29 80 1/8BS	995.3	WSW	48	-15	-15	-19	10			
30 UNL 15 IC	996.3	WSW	29	-12	-13	-18	2			
31 UNL 15 IC	1010.7	WSW	16	-14	-13	-16	1			
AVG	1012.4		8	-27	-27	-29	2			

ALERT NMT  
DECEMBER 1971 0500 AST

01 100 11/25-	1020.0	MNW	13	-4	-4	-9	10			
02 40 11/25-	1021.9	CALM	-17	-17	-22	10				
03 UNL 6 ICIF	1021.1	CALM	-39							
04 UNL 2 IC	1019.6	CALM	-35	-35	-38	7				
05 UNL 15 IC	1017.3	CALM	-34	-34	-38	3				
06 UNL 15 IC	1015.2	CALM	-36							
07 UNL 15 IC	1015.3	CALM	-35	-35	-42	1				
08 UNL 15 S-	1009.8	CALM	-28	-28	-28	3				
09 UNL 15 IC	1013.6	MNW	1	-41						
10 UNL 15 IC	1022.9	MNW	18	-37						
11 UNL 15 IC	1029.3	NE	2	-36						
12 UNL 15 IC	1026.2	CALM	-35	-35	-41	0				
13 UNL 15 IC	1020.8	E	2	-30	-30	-32	1			
14 UNL 15 IC	1020.2	W	2							

## SYNOPTIC OBSERVATIONS

CLYDE

Date	Calling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deer Point (°F)	Sky Cover (tenths)
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CLYDE NMT  
JULY 1971 0100 EST

01 5 15			1009.7 ESE	5	30	30	29	10		
02 30 15			1009.0 CALM	33	32	30	10			
03 30 15	F		1009.1 CALM	30	29	27	7			
04 100 15			1010.6 CALM	31	30	28	8			
05 UNL 15			1011.4 S	4	39	36	32	5		
06 40 15			1012.1 NE	7	37	35	33	9		
07 UNL 15			1015.2 CALM	32	31	29	4			
08 UNL 15			1013.4 CALM	42	40	38	3			
09 30 12			1010.9 NE	4	36	36	35	8		
10 20 12	R-		1004.3 SSM	6	45	42	38	10		
11 120 15			1009.8 NE	6	34	33	32	10		
12 10 15			1008.5 NNE	4	33	33	32	10		
13 90 15			1005.0 NNE	11	36	35	34	10		
14 2 2	F		1004.6 ESE	8	30	30	30	10		
15 UNL 15			1007.0 M	15	48	43	39	1		
16 30 15			1016.8 CALM	36	36	36	10			
17 30 15			1017.9 CALM	36	36	35	9			
18 40 15			1017.8 CALM	34	33	32	9			
19 UNL 15			1012.2 CALM	37	35	33	5			
20 5 8			1012.2 CALM	34	34	34	10			
21 10 12			1013.9 N	4	37	36	35	10		
22 4 1/4F			1017.2 CALM	34	34	34	10			
23 20 12			1018.8 N	5	37	36	35	10		
24 10 2	F		1016.4 CALM	36	36	36	10			
25 5 5	F		1013.1 ENE	3	37	37	10			
26 UNL 1/2F			1010.9 CALM	33	33	32	5			
27 UNL 3/4F			1013.0 N	4	32	29	28	4		
28 1 1	F		1015.1 N	4	32	32	10			
29 30 12			1008.8 NW	16	33	32	31	6		
30 30 15			1005.9 N	4	34	34	33	9		
31										
AVG			1011.8	4	35	34	33	8		

CLYDE NMT  
JULY 1971 0400 EST

01 12 15			1009.4 NE	5	31	31	31	10		
02 35 15			1009.5 CALM	34	34	33	10			
03 30 15			1009.1 CALM	32	31	29	9			
04 100 15			1011.0 CALM	32	31	29	8			
05 100 15			1011.7 SSM	5	36	33	30	7		
06 45 15			1012.3 NE	4	38	36	33	9		
07 UNL 15			1015.5 CALM	33	32	30	4			
08 UNL 15			1012.8 CALM	48	45	42	2			
09 3 1/8F			1009.9 CALM	34	34	34	10			
10 90 15			1005.3 S	3	39	38	10			
11 10 15	R-		1010.0 NNE	5	35	35	35	10		
12 10 15			1008.5 NNE	3	32	32	10			
13 85 8	R-		1004.6 N	9	34	34	34	10		
14 10 15			1003.7 N	5	31	30	29	10		
15 UNL 15			1009.7 S	14	45	42	39	1		
16 100 15			1017.0 E	9	36	36	36	10		
17 30 15			1017.9 N	6	37	37	36	10		
18 40 15			1017.2 CALM	35	35	34	10			
19 40 15			1014.0 W	4	36	35	34	9		
20 10 12			1013.0 NE	3	35	35	35	10		
21 5 6	R-F		1014.1 N	6	37	37	36	10		
22 4 1/2F			1018.0 CALM	34	34	34	10			
23 30 15			1018.8 NE	4	38	37	37	10		
24 30 15			1016.1 CALM	37	37	36	9			
25 10 9	F		1012.1 NE	3	38	38	38	10		
26 UNL 15			1010.9 CALM	42	40	38	2			
27 UNL 15			1013.2 CALM	35	33	31	0			
28 8 15			1015.4 N	3	33	32	31	10		
29 30 15			1007.0 N	16	33	32	31	6		
30 30 15			1006.5 NE	3	34	34	33	9		
31										
AVG			1011.8	4	36	35	34	8		

Date	Calling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deer Point (°F)	Sky Cover (tenths)
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CLYDE NMT  
JULY 1971 0700 EST

01 30 15			1009.2 NE	5	33	32	31	9		
02 40 15			1009.7 CALM	34	33	32	10			
03 35 15			1009.5 CALM	34	33	31	9			
04 140 15			1011.1 CALM	36	35	34	10			
05 80 15			1011.3 CALM	37	36	34	9			
06 45 15			1013.0 CALM	34	33	32	8			
07 35 15			1015.5 CALM	38	36	33	9			
08 UNL 15			1012.2 S	4	55	50	45	4		
09 4 3/4F			1008.2 CALM	35	35	35	10			
10 40 15			1005.4 NNE	9	42	39	37	10		
11 10 15			1009.8 N	9	37	36	35	10		
12 10 15			1008.6 CALM	36	35	34	10			
13 10 3	R-F		1004.8 N	8	39	39	38	10		
14 5 3	S-		1002.0 NW	10	32	31	30	10		
15 UNL 15			1012.0 CALM	44	41	37	1			
16 100 15			1017.4 N	5	37	36	36	10		
17 30 15			1017.8 N	4	39	39	38	10		
18 40 15			1017.4 CALM	34	33	32	9			
19 40 15			1013.2 S	8	37	36	36	10		
20 10 15			1013.2 ENE	6	37	36	35	10		
21 8 4	L-		1014.2 N	7	38	37	36	10		
22 35 15	F		1018.3 CALM	38	37	36	8			
23 30 15			1018.7 NE	7	38	38	37	10		
24 35 15			1015.9 NW	4	40	39	37	9		
25 30 12			1012.4 NE	6	41	40	39	10		
26 UNL 15			1011.1 CALM	43	40	36	1			
27 UNL 15			1012.9 S	4	42	37	32	1		
28 10 5	F		1015.1 N	6	35	34	33	10		
29 30 12	R-		1007.0 NW	17	33	32	31	10		
30 50 15			1007.8 CALM	33	33	32	9			
31 5 1/2F			1009.4 S	2	30	30	30	10		
AVG			1011.8	4	37	36	34	9		

CLYDE NMT  
JULY 1971 1000 EST

01 10 12	R-		1008.6 SW	4	33	32	31	10		
02 40 15			1009.5 CALM	36	34	32	9			
03 140 15			1009.7 ESE	4	40	38	34	7		
04 180 15			1011.1 SW	2	38	35	31	7		
05 120 15			1011.2 SW	2	39	37	34	8		
06 100 15			1013.2 SW	4	37	36	34	7		
07 30 15			1015.4 CALM	41	38	35	6			
08 UNL 15			1011.9 N	10	53	48	43	4		
09 180 15			1006.9 CALM	34	33	33	7			
10 40 15			1012.3 N	8	43	42	41	10		
11 30 15			1009.6 N	8	38	37	35	10		
12 90 15			1007.6 NE	6	44	40	36	10		
13 10 3	R-F		1003.8 N	10	36	36	36	10		
14 5 1	S-		997.8 NW	17	32	30	27	10		
15 240 15			1013.6 SE	12	50	45	41	9		
16 40 15			1018.0 NE	3	39	38	36	10		
17 40 15			1017.8 N	9	43	42	41	10		
18 40 15			1016.9 SW	3	37	37	36	8		
19 40 15			1012.6 E	7	40	40	39	10		
20 30 15			1013.4 E	7	37	36	35	10		
21 25 15			1014.1 N	7	39	38	37	10		
22 40 3/4F			1018.4 CALM	37	37	36	8			
23 30 15			1018.4 E	5	40	39	38	10		
24 30 15			1015.6 NW	9	41	40	38	10		
25 UNL 15			1015.5 NE	5	41	40	38	10		
26 UNL 15			1011.3 SW	3	36	34	31	1		
27 UNL 15			1014.6 CALM	45	41	35	2			
28 10 12			1014.9 N	6	35	34	33	10		
29 40 15			1005.9 NNE	22	33	32	31	10		
30 UNL 15			1007.9 NW	3	39	37	34	2		
31 UNL 1	F		1009.2 SW	3	32	32	32	4		
AVG			1011.5	6	39	37	35	8		

Date	Calling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deer Point (°F)	Sky Cover (tenths)
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CLYDE NMT  
JULY 1971 1300 EST

01 30 15			1008.7 E	3	35	34	32	10		
02 UNL 15			1009.5 CALM	38	36	33	2			
03 140 15			1009.9 E	9	39	37	34	7		
04 UNL 15			1010.6 W	2	44	41	37	5		
05 UNL 15			1010.9 NE	8	49	44	39	5		
06 UNL 15			1013.6 E	11	43	40	36	3		
07 UNL 15			1014.8 CALM	45	42	39	6			
08 40 15			1011.7 MSN	2	47	44	41	7		
09 230 15			1004.9 CALM	50	45	40	8			
10 80 15			1007.2 N	10	40	38	36	10		
11 30 15			1009.3 N	10	38	37	35	10		
12 90 15			1007.2 N	5	40	38	35	10		
13 10 15			1003.8 NNE	6	34	34	33	10		
14 5 2	R-F		998.4 W	12	40	39	27	10		
15 180 15			1014.3 MSN	3	45	42	38	9		
16 40 15	R-	</								

## SYNOPTIC OBSERVATIONS

CLYDE

Date	Calling (1000h)	Visibility (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 (1000h)	Visibility (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 (1000h)	Visibility (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 (1000h)	Visibility (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  
AUGUST 1971 0100 EST

01 UNL 15	1008.5 CALM	31	30	28	1	
02 UNL 15	1007.0 NE	6	36	36	35	3
03 15 12	1009.5 N	39	38	37	10	
04 UNL 15	1014.8 CALM	34	34	33	1	
05 45 15	1005.1 S	12	54	47	41	10
06 20 12	1008.9 NW	12	36	35	33	10
07 UNL 15	1007.1 CALM	34	32	30	0	
08 00 15	1001.6 S	14	45	42	39	9
09 UNL 15	1005.2 S	7	44	41	37	6
10 50 15	1003.4 CALM	52	47	42	10	
11 20 15	1007.5 S	3	33	33	31	10
12 30 15	1003.8 E	22	35	33	30	10
13 5 6	R- 976.0 E	11	34	34	33	10
14 UNL 15	1000.1 SW	28	38	33	25	1
15 UNL 15	998.2 CALM	36	32	25	6	
16 15 15	1003.6 NE	4	32	31	29	10
17 UNL 15	1003.7 CALM	29	29	28	4	
18 20 15	1009.8 CALM	35	34	32	9	
19 UNL 15	1013.8 CALM	32	31	30	2	
20 25 15	1013.4 CALM	35	34	32	10	
21 9 6	F 1016.1 NW	9	33	33	32	10
22 10 8	S- 1016.7 N	6	32	31	31	10
23 UNL 15	1013.7 N	1	33	31	29	6
24 180 15	1013.4 S	6	40	37	32	8
25 30 15	1005.5 SW	24	44	40	35	7
26 10 12	R- 1003.5 NNW	7	38	37	36	10
27 30 15	1005.0 NW	10	37	35	33	9
28 10 8	R- 1006.4 NNW	8	35	35	34	10
29 8 10	1005.9 N	11	33	32	31	10
30 0 1/8F	1004.9 CALM	30	30	29	10	
31 0 1/8F	999.8 CALM	31	31	31	10	
AVG	1006.3	7	37	35	32	8

CLYDE NMT  
AUGUST 1971 0700 EST

01 UNL 15	1008.7 SW	2	33	33	32	0
02 100 15	1007.6 N	7	43	42	40	9
03 20 15	1011.3 CALM	41	39	38	10	
04 UNL 15	1013.9 SE	3	38	36	34	4
05 40 15	1003.1 SSW	16	49	45	41	10
06 40 15	1008.7 NN	7	36	35	33	10
07 UNL 15	1006.0 CALM	38	37	34	3	
08 40 15	1002.1 S	12	50	44	38	9
09 45 15	1003.3 S	15	50	45	40	10
10 10 10	1007.5 NNE	6	37	37	36	10
11 20 10	1007.1 N	5	38	35	31	9
12 20 1	F 1000.9 N	5	37	35	32	9
13 3 8	R- 976.1 SSE	10	32	32	32	10
14 UNL 15	1003.7 SSW	20	39	34	26	1
15 230 15	998.6 N	5	38	34	28	7
16 30 15	1004.8 N	3	32	31	29	10
17 40 15	1006.3 CALM	21	33	32	30	10
18 30 15	1011.2 W	3	36	35	34	10
19 UNL 15	1014.8 NNW	6	34	33	31	2
20 30 15	1015.6 N	7	35	34	32	10
21 20 15	1017.3 NW	9	33	32	30	10
22 10 15	1016.2 NW	8	33	32	30	10
23 210 15	1014.8 E	2	40	35	29	8
24 30 15	S- 1012.9 SSE	6	46	37	23	10
25 20 15	1002.3 SW	21	44	40	36	10
26 8 6	R-F 1004.5 NW	8	37	35	33	10
27 6 6	F 1005.1 NW	15	37	36	35	10
28 5 1/2F	1006.9 N	6	34	34	34	10
29 5 6	F 1006.1 NW	5	33	33	32	10
30 3 1/2F	1004.8 CALM	31	31	30	10	
31 220 15	995.9 SSW	12	44	41	38	9
AVG	1006.4	7	38	36	33	8

CLYDE NMT  
AUGUST 1971 1300 EST

01 UNL 15	1007.8 W	2	39	37	34	0
02 80 15	1007.6 N	14	45	42	39	8
03 20 15	1012.3 CALM	42	40	38	9	
04 250 15	1010.8 SSE	12	55	49	42	9
05 70 12	1005.6 NW	14	44	41	38	10
06 40 15	1008.1 NNW	10	37	36	35	10
07 UNL 15	1003.0 N	3	45	41	35	3
08 UNL 15	1002.1 SW	10	45	46	38	5
09 100 15	1001.3 S	17	52	46	40	9
10 15 15	1007.3 NNE	6	38	37	35	10
11 90 15	1006.0 ESE	14	40	37	35	10
12 0 3/4F	995.1 SE	6	33	32	32	10
13 25 15	981.1 S	14	44	40	35	9
14 UNL 15	1002.0 SSW	6	46	40	33	2
15 230 15	999.1 N	8	43	35	22	9
16 35 15	1005.0 N	9	36	34	31	6
17 30 15	1007.7 N	7	36	34	32	10
18 30 15	1012.0 NNW	10	37	36	33	10
19 UNL 15	1014.6 NNW	6	40	36	30	2
20 15 8	1015.6 NNW	11	36	34	31	10
21 7 6	S-F 1016.9 N	13	33	33	33	10
22 UNL 15	999.1 S	9	39	35	28	1
23 230 15	1014.5 CALM	45	39	31	8	
24 30 15	1008.1 SW	22	44	39	32	8
25 30 15	1001.8 E	4	49	44	38	10
26 5 5	R-F 1004.5 NNW	13	38	36	33	10
27 8 4	L-F 1005.5 N	15	38	37	35	10
28 50 15	1006.7 N	6	40	36	31	8
29 10 12	1005.2 NNW	3	37	35	33	10
30 10 12	1003.8 E	2	35	34	33	10
31 80 15	991.8 SSW	27	43	38	31	10
AVG	1005.7	9	41	38	34	8

CLYDE NMT  
AUGUST 1971 1900 EST

01 UNL 15	1007.1 CALM	45	42	39	3	
02 10 8	R- 1008.8 NNE	8	40	39	38	10
03 120 15	1014.7 CALM	39	38	37	7	
04 120 15	1008.1 S	12	58	49	39	10
05 20 6	R-F 1008.9 N	10	37	36	35	10
06 UNL 15	1007.5 SW	4	39	35	29	1
07 UNL 15	1003.0 N	3	49	44	38	2
08 UNL 15	1005.2 E	3	50	45	39	6
09 150 15	1001.2 SSW	20	55	48	40	8
10 15 12	1008.1 NE	6	34	33	32	10
11 40 15	1005.6 ESE	24	39	36	31	10
12 2 2	R-F 984.4 NE	14	36	36	35	10
13 UNL 15	990.8 SW	27	40	36	30	3
14 30 15	999.8 NE	4	41	36	29	6
15 30 15	1002.1 N	8	37	35	33	10
16 UNL 15	1005.7 NNE	7	35	33	31	3
17 20 15	1009.0 CALM	37	35	33	10	
18 30 15	1013.7 NNW	12	34	35	31	10
19 30 15	1014.6 CALM	35	33	31	8	
20 20 15	1015.9 NNW	10	35	34	33	10
21 8 8	S- 1017.0 NNE	7	33	33	32	10
22 UNL 15	1013.7 NNW	3	37	34	30	2
23 170 15	1014.7 CALM	41	37	32	10	
24 30 15	1006.0 SW	12	43	39	34	9
25 20 12	R- 1003.0 NNW	10	41	39	37	10
26 10 6	L- 1004.6 NW	8	36	35	31	10
27 10 6	L-F 1006.5 NNW	16	37	36	35	10
28 10 15	1006.6 N	9	36	35	34	8
29 5 1	F 1005.5 CALM	33	32	31	10	
30 1 3/4F	1002.9 MSW	3	33	32	31	10
31 90 15	988.5 SW	19	39	36	32	9
AVG	1005.9	8	40	37	34	8

CLYDE NMT  
AUGUST 1971 0400 EST

01 UNL 15	1008.5 CALM	33	32	31	0	
02 UNL 15	1007.4 NE	6	40	39	37	3
03 20 15	R- 1010.3 CALM	39	38	37	10	
04 0 3/8F	1014.8 CALM	34	34	34	10	
05 45 15	1004.1 S	14	54	48	42	10
06 90 15	1008.6 NW	8	36	35	33	10
07 UNL 15	1006.6 CALM	36	34	30	0	
08 50 15	1001.8 SSW	9	48	43	38	10
09 UNL 15	1005.0 S	8	44	41	37	1
10 10 12	1007.0 N	4	48	45	41	10
11 20 15	1007.5 E	5	33	33	31	10
12 30 15	1002.7 SE	18	35	34	33	9
13 10 8	R- 975.1 SW	3	32	32	32	10
14 UNL 15	1000.7 SSW	35	38	34	27	1
15 230 15	998.1 CALM	37	32	26	9	
16 30 1	F 1004.6 CALM	30	30	29	10	
17 30 15	1005.9 CALM	30	30	28	9	
18 25 15	1010.5 CALM	35	34	32	10	
19 UNL 15	1014.2 CALM	31	29	27	2	
20 25 15	1014.0 N	5	36	35	34	10
21 15 15	1016.6 NW	8	33	32	30	10
22 20 15	1016.7 NNW	7	32	32	31	10
23 UNL 15	1014.1 NNW	2	32	31	28	7
24 120 15	1013.3 S	5	42	38	32	10
25 20 12	R- 1004.8 SSE	20	49	44	38	10
26 20 12	R- 1004.2 NW	12	37	35	33	10
27 10 12	1005.0 W	18	37	35	33	10
28 10 3	L-F 1006.9 N	8	35	35	34	10
29 0 13/4F	1005.8 N	9	33	32	31	10
30 130 3	F 1004.5 CALM	29	29	28	10	
31 220 15	997.8 CALM	31	30	28	8	
AVG	1006.4	7	37	35	32	8

CLYDE NMT  
AUGUST 1971 1000 EST

01 UNL 15	1008.6 MSW	2	37	35	33	0
02 80 15	1007.6 N	12	44	42	39	8
03 20 15	1012.3 SW	3	38	37	36	10
04 250 15	1012.2 SE	10	51	45	39	8
05 70 12	1002.1 SSW	5	63	55	49	10
06 40 15	1008.2 NNW	7	36	35	34	10
07 UNL 15	1004.9 W	2	44	40	34	3
08 40 15	1002.1 SSW	14	48	44	39	9
09 100 15	1001.6 SSW	13	52	46	40	10
10 15 12	1007.3 NNE	6	39	37	35	10
11 25 15	1006.6 ESE	9	38	35	31	10
12 30 2	F 998.2 ESE	8	36	34	32	10
13 30 15	978.1 S	12	42	39	36	10
14 UNL 15	1003.4 SSW	9	41	35	25	1
15 UNL 15	998.7 N	5	42	36	27	5
16 30 15	1005.0 N	10				

## SYNOPTIC OBSERVATIONS

CLYDE

Date	Clouds (100%)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hundreds)
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CLYDE  
SEPTEMBER 1971 0100 EST

01	20	10	S-	988.3	N	3	33	32	30	10
02	5	4	S-F	988.3	N	21	34	33	32	10
03	5	4	S-F	988.3	N	15	34	33	32	10
04	10	10		994.9	N	11	32	32	30	10
05	30	15		997.6	N	15	32	31	30	8
06	40	15		998.3	S	4	32	31	29	10
07	30	15		1004.2	MW	7	34	32	30	8
08	30	15		993.0	CALM		34	33	32	10
09	UNL	15		1002.2	N	14	33	32	30	4
10	20	32	R-	1016.2	N	5	34	34	33	10
11	30	12		1017.1	NE	6	34	33	31	9
12	40	15		1016.4	CALM		34	33	34	10
13	30	10		1016.9	CALM		36	35	34	10
14	10	6	F	1014.0	N	15	32	32	31	8
15	15	8		1010.1	N	12	33	32	31	10
16	UNL	15		1009.9	CALM		32	29	25	2
17	UNL	15		1000.8	W	4	31	28	24	3
18	30	8		1003.4	CALM		29	28	27	10
19	30	12		1005.5	NW	14	30	29	27	8
20	40	15		1010.1	CALM		28	27	25	7
21	30	12	S-	1008.6	SE	6	31	30	29	10
22	20	15	S-	997.6	N	10	31	31	30	10
23	30	15		997.7	S	6	30	29	27	10
24	UNL	15		1008.5	CALM		21	20	17	1
25	UNL	15		1015.2	SE	7	28	27	26	10
26	10	9		1015.7	ESE	6	32	31	31	10
27	9	2	S-F	1018.8	NW	13	29	28	28	10
28	10	10		1018.6	W	7	26	24	20	10
29	UNL	15		1017.3	CALM		20	19	15	0
30	90	15		1013.2	CALM		26	26	23	10

AVG 1006.2 7 31 30 28 8

CLYDE  
SEPTEMBER 1971 0400 EST

01	9	15		988.3	CALM		33	32	30	10
02	3	3/4F		988.3	NNE	3	33	33	33	10
03	2	11/4S-F		996.9	N	13	32	32	31	10
04	4	3/4S-F		994.7	N	12	32	32	31	10
05	20	12		998.0	NW	9	32	31	30	10
06	40	15		998.8	SW	6	33	31	28	10
07	30	15		1004.3	CALM		33	32	30	10
08	30	15		993.2	NW	10	33	32	31	10
09	UNL	15		1005.9	N	12	32	32	31	6
10	5	3	R-S-	1017.6	NW	2	33	33	33	10
11	20	15		1018.1	NE	2	34	33	31	10
12	15	15		1016.4	CALM		36	35	34	10
13	10	10		1017.4	CALM		36	35	34	10
14	3	3/4S-F		1013.1	N	15	32	32	32	10
15	10	8		1010.2	N	12	33	32	31	10
16	40	15		1009.0	CALM		32	29	25	10
17	40	15		1000.4	W	8	31	29	26	10
18	30	15		1004.0	CALM		30	29	28	10
19	30	12		1005.6	NW	14	29	29	27	10
20	UNL	15		1010.4	S	7	26	25	22	2
21	30	15		1007.7	E	6	30	29	28	10
22	30	15		998.0	NW	15	31	30	29	8
23	30	15		998.8	SSE	10	30	29	27	8
24	UNL	15		1008.5	CALM		19	18	14	6
25	30	15		1016.0	S	3	29	28	26	10
26	20	6	F	1015.4	E	6	32	31	30	10
27	10	6	S-F	1017.1	NW	14	29	28	27	10
28	10	10		1018.8	W	5	25	24	21	0
29	UNL	15		1016.6	CALM		22	21	17	0
30	120	15		1013.0	CALM		28	27	25	10

AVG 1006.4 6 31 30 28 9

Date	Clouds (100%)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hundreds)
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CLYDE  
SEPTEMBER 1971 0700 EST

01	9	12		988.2	N	4	34	34	33	10
02	3	1		988.5	NNE	4	33	32	32	10
03	3	11/4S-		988.2	N	10	32	32	32	10
04	15	10		994.6	N	11	32	32	31	10
05	30	15		998.4	N	11	32	30	28	9
06	30	15	S-	999.0	NW	5	32	31	29	10
07	25	15		1003.2	S	5	34	32	29	10
08	25	15		994.0	N	9	34	33	31	10
09	10	15		1005.2	N	9	33	32	31	10
10	8	8		1018.5	CALM		34	33	33	10
11	30	15		1018.3	CALM		34	33	31	10
12	20	15		1016.1	CALM		36	35	34	10
13	5	1/2F		1017.6	CALM		36	36	36	10
14	15	12		1012.9	N	14	32	32	32	10
15	20	15		1010.2	N	14	32	32	31	9
16	40	15		1008.5	CALM		32	29	25	10
17	40	15		1000.5	NW	4	31	30	28	10
18	220	15		1004.8	CALM		28	25	20	8
19	20	6		1005.5	W	8	31	30	29	10
20	230	15	S-F	1011.0	CALM		26	24	19	10
21	10	8		1005.5	CALM		31	30	28	10
22	10	6	F	994.5	NW	16	32	32	31	10
23	40	15		1000.0	SW	7	29	28	26	8
24	220	15		1010.4	CALM		22	20	14	10
25	20	15		1017.0	S	6	30	29	27	10
26	20	15		1015.4	NE	10	31	31	30	10
27	30	15		1018.3	NW	14	29	28	27	9
28	30	15		1019.1	W	7	26	26	24	10
29	UNL	15		1016.5	CALM		24	23	21	4
30	80	15		1012.5	SSW	10	28	27	25	10

AVG 1006.7 6 31 30 28 10

CLYDE  
SEPTEMBER 1971 1000 EST

01	5	4	S-	987.9	N	10	34	34	34	10
02	5	3	S-	986.1	NE	8	34	34	33	10
03	5	4	S-	998.7	N	5	33	33	32	10
04	15	3	S-F	994.6	N	11	33	32	31	10
05	25	15	S-	997.9	N	6	34	33	31	10
06	25	15		999.9	W	4	34	32	29	10
07	35	15		1001.9	SE	7	35	32	27	9
08	10	15		999.5	NW	11	35	34	32	10
09	25	10		1006.7	N	9	34	33	31	10
10	5	4	S-F	1018.5	N	6	33	33	33	10
11	30	15		1018.4	CALM		36	35	33	10
12	30	15		1015.8	CALM		38	36	35	10
13	5	8		1017.1	N	6	36	36	36	10
14	35	12		1012.6	N	12	34	32	31	10
15	20	15		1010.4	W	10	34	33	32	9
16	UNL	15		1007.0	S	4	35	32	28	5
17	35	15		1000.8	NW	6	32	30	28	10
18	220	15		1004.9	CALM		31	30	28	8
19	20	15		1007.0	N	11	31	30	28	10
20	UNL	15		1011.1	CALM		32	28	21	10
21	2	3/8S-		1003.7	CALM		32	31	30	10
22	6	1	S-F	993.2	NW	18	33	32	31	10
23	40	15		1000.9	N	7	31	28	23	7
24	25	15		1011.1	CALM		27	24	18	10
25	20	15		1015.6	ESE	4	32	31	29	10
26	20	15		1015.5	W	4	31	31	30	10
27	30	15		1018.8	NW	10	30	29	28	9
28	30	15		1019.1	W	12	26	26	24	10
29	UNL	15		1016.5	E	3	28	27	25	3
30	80	15		1011.2	SW	8	32	30	28	10

AVG 1006.7 6 33 31 29 9

Date	Clouds (100%)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hundreds)
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CLYDE  
SEPTEMBER 1971 1300 EST

01	15	15		986.9	N	20	34	34	33	10
02	10	6	S-F	988.5	NE	10	34	34	34	10
03	3	3	T-S-F	998.5	N	6	33	33	33	10
04	100	6		994.9	NW	14	33	32	31	8
05	30	15		999.3	NW	6	35	33	30	10
06	25	15		1000.4	N	8	34	32	29	9
07	35	15		1000.1	S	9	35	33	30	10
08	10	15		997.0	NW	11	35	34	33	10
09	35	8		1008.3	NW	10	34	33	32	10
10	30	5	S-F	1017.9	CALM		33	33	33	10
11	70	15		1017.9	SW	3	36	35	33	9
12	100	15		1016.1	SW	4	38	37	35	8
13	5	8		1017.1	NW	6	36	36	35	10
14	25	12	L-	1011.6	NW	12	34	33	33	10
15	40	15		1010.1	SW	4	36	35	27	8
16	UNL	15		1009.9	SW	5	34	32	29	4
17	30	15	S-	1001.3	CALM		32	32	31	10
18	220	15		1005.0	N	7	32	30	26	8
19	30									



## SYNOPTIC OBSERVATIONS

CLYDE

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NMT  
OCTOBER 1971 0100 EST

01 160 15	1006.5	CALM		30	27	22	10			
02 35 15	1005.2	CALM		34	30	24	10			
03 50 15	1016.8	S	3	31	30	28	8			
04 UNL 15	1019.0	CALM		23	22	20	0			
05 40 15	1015.6	SE	3	30	29	27	8			
06 UNL 15	1016.1	CALM		21	20	17	3			
07 10 15	1018.6	NW	8	29	28	26	10			
08 15 15	1026.6	NW	10	24	23	20	10			
09 50 15	1022.6	NW	12	24	23	20	10			
10 20 15	1015.1	NE	2	17	16	13	10			
11 15 10	1018.8	N	6	23	22	19	10			
12 5 1	1017.7	SE	14	26	25	22	10			
13 30 15	1008.5	NW	6	21	20	16	10			
14 30 15	1011.2	CALM		15	14	9	7			
15 UNL 15	1010.9	SE	2	14	13	7	0			
16 3 13/4S	1005.0	NW	2	21	20	16	10			
17 5 9	1005.5	E	7	24	24	22	10			
18 20 15	1017.2	W	6	19	18	14	10			
19 UNL 15	1023.4	SE	14	24	22	5	0			
20 5 2 BS	1010.3	SSE	34	26	25	23	10			
21 30 8	983.6	S	4	29	28	26	10			
22 UNL 15	998.3	CALM		22	21	18	0			
23 5 2	997.3	NW	14	28	27	25	10			
24 20 10	1002.4	NW	8	26	25	22	10			
25 30 8	1009.1	NW	14	20	20	17	10			
26 10 10	1004.8	SE	6	19	18	15	10			
27 8 3	991.7	ESE	12	29	29	28	10			
28 2 1	998.4	NNE	18	25	24	22	10			
29 8 6	1001.4	NW	10	18	18	15	10			
30 20 9	1002.2	NW	14	15	14	9	10			
31 40 15	1008.4	W	14	12	11	6	8			
AVG	1009.3			7	23	22	18	8		

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NMT  
OCTOBER 1971 0700 EST

01 120 15	1006.4	NW	8	28	24	16	10			
02 3 3	1008.4	NW	8	31	30	29	10			
03 90 15	1017.5	SSW	11	34	33	32	10			
04 35 15	1016.9	CALM		29	27	23	8			
05 9 15	1016.4	CALM		31	30	28	10			
06 UNL 15	1015.7	CALM		22	21	19	9			
07 15 10	1021.8	NNE	8	27	26	24	10			
08 25 15	1027.2	NW	10	24	23	20	10			
09 5 3	1020.2	NW	6	23	22	20	10			
10 3 1	1015.9	NE	6	17	17	14	10			
11 20 10	1019.5	NW	8	22	21	18	10			
12 10 3	1016.4	SSE	12	26	26	23	10			
13 3 3	1008.5	NW	10	21	19	13	10			
14 UNL 15	1011.6	CALM		12	11	6	1			
15 30 15	1009.9	NW	8	16	15	11	10			
16 30 15	1005.2	CALM		18	17	12	10			
17 8 1	1008.7	ENE	18	22	22	19	10			
18 UNL 15	1019.2	CALM		10	9	3	0			
19 30 15	1023.9	SW	6	25	24	21	10			
20 2 1/4BS	1000.9	SSE	26	25	24	21	10			
21 15 15	986.0	E	2	30	29	27	10			
22 90 15	999.0	CALM		24	22	17	10			
23 5 1	998.1	E	6	29	29	27	10			
24 15 10				6						
25 30 15	1010.6	NW	12	23	22	19	10			
26 10 12	1004.8	SE	10	18	18	15	10			
27 2 2	993.4	E	10	30	29	28	10			
28 20 12	1001.8	NW	16	21	20	17	10			
29 10 3	1001.0	NW	9	17	17	14	10			
30 15 6	1004.4	W	12	14	14	10	10			
31 UNL 15	1007.9	CALM		5	5	0	0			
AVG	1009.8			7	23	22	18	9		

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NMT  
OCTOBER 1971 1300 EST

01 100 15	1005.2	S	18	36	34	31	8			
02 25 15	1012.9	NW	8	32	31	30	8			
03 UNL 15	1018.6	S	9	33	30	24	2			
04 UNL 15	1016.1	CALM		32	29	24	9			
05 10 10	1016.2	NW	12	31	31	30	10			
06 UNL 15	1015.7	CALM		24	22	18	3			
07 10 5	1023.9	N	8	27	25	22	10			
08 20 15	1026.5	W	12	24	22	17	10			
09 3 1	1017.5	NE	6	23	22	20	10			
10 10 1	1016.8	CALM		23	22	19	10			
11 6 5	1019.8	ESE	2	22	22	19	10			
12 5 1	1013.3	N	6	26	24	23	10			
13 UNL 15	1009.7	NW	16	23	22	18	4			
14 UNL 15	1011.1	S	2	13	12	6	6			
15 15 5	1007.8	NW	4	22	21	17	10			
16 20 6	1004.7	E	2	21	20	17	10			
17 8 1	1011.7	NE	12	22	21	18	10			
18 UNL 15	1020.9	CALM		11	10	5	0			
19 220 15	1022.2	SSW	10	28	26	23	10			
20 15 2	989.4	SE	22	28	27	24	10			
21 30 15	990.9	WSW	24	31	28	24	9			
22 UNL 15	999.1	CALM		21	20	16	8			
23 20 12	1000.1	NW	12	28	27	26	10			
24 15 10	1005.4	CALM		24	23	21	10			
25 30 15	1010.0	CALM		23	22	19	10			
26 10 8	996.7	ESE	18	26	26	24	10			
27 3 2	993.8	NE	10	30	30	29	10			
28 40 2	1002.0	NW	16	20	17	10	10			
29 30 6	1000.5	NW	10	16	16	13	10			
30 8 10	1005.9	NW	12	14	13	9	10			
31 UNL 15	1006.5	NW	4	7	6	0	1			
AVG	1009.4			8	24	23	19	8		

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NMT  
OCTOBER 1971 1900 EST

01 25 15	1005.1	SW	8	35	32	27	10			
02 80 15	1016.1	S	3	24	23	21	8			
03 UNL 15	1020.3	CALM		25	24	21	2			
04 UNL 15	1015.0	CALM		31	30	28	6			
05 10 15	1017.2	NW	15	28	27	25	10			
06 10 10	1017.8	NW	10	28	27	25	10			
07 15 15	1025.1	N	7	26	25	22	10			
08 15 15	1025.7	NW	12	24	23	19	10			
09 5 4	1015.6	NE	4	21	21	19	10			
10 20 15	1017.8	SE	2	21	20	17	10			
11 5 3	1019.8	CALM		20	19	16	10			
12 30 10	1010.9	NW	10	22	22	20	9			
13 30 15	1011.3	W	8	23	21	16	10			
14 UNL 15	1011.5	SSE	4	10	9	3	2			
15 10 4	1006.8	NW	4	22	21	18	10			
16 8 4	1005.4	CALM		20	20	17	10			
17 10 3	1015.9	NNE	6	17	16	12	10			
18 UNL 15	1022.6	SE	4	11	10	4	0			
19 200 15	1019.0	S	12	29	28	26	10			
20 8 2	986.3	SSE	12	30	29	28	10			
21 UNL 15	995.6	SW	12	30	28	25	0			
22 10 12	998.4	NW	16	25	24	22	10			
23 10 10	1001.5	NW	14	26	24	20	10			
24 25 10	1007.1	NW	12	22	21	18	10			
25 9 7	1008.2	CALM		19	18	15	10			
26 2 11/4S-BS	992.4	ESE	24	27	26	24	10			
27 3 1	995.9	ENE	12	28	28	26	10			
28 10 8	1002.3	NW	10	19	19	15	10			
29 10 9	1001.1	NW	10	16	15	11	10			
30 30 15	1007.9	W	12	12	11	7	9			
31 UNL 15	1004.8	CALM		6	5	1	0			
AVG	1009.7			8	23	22	18	8		

CLYDE NMT  
OCTOBER 1971 0400 EST

01 160 15	1006.6	CALM		28	24	16	10			
02 30 8	1006.6	CALM		31	28	24	10			
03 80 15	1017.0	SW	6	31	30	28	8			
04 35 15	1018.0	CALM		29	27	23	8			
05 10 15	1016.0	CALM		30	28	26	10			
06 UNL 15	1015.6	CALM		20	19	16	0			
07 30 15	1020.4	NE	8	28	27	25	10			
08 15 15	1027.2	NW	11	24	23	21	10			
09 50 15	1021.6	NW	12	24	23	20	10			
10 20 15	1015.5	E	2	17	17	14	10			
11 20 10	1019.0	NW	8	22	21	18	10			
12 4 1	1016.9	SSE	12	26	26	23	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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ISACHSEN NMT  
NOVEMBER 1971 0200 MST

01 UNL 10	1002.6 E	7	-10	-11	-17	10				
02 10 10	1005.3 E	3	-8	-8	-9	10				
03 UNL 10	1007.9 SE	2	-5	-5	-8	10				
04 13 7 S-	1009.1 N	6	-5	-5	-8	10				
05 UNL 6 ICIF	1020.0 NNE	8	-12	-12	-14	10				
06 UNL 11/2BS	1020.6 N	33	-14	-14	-18	2				
07 UNL 3/4BS	1022.6 N	27	-11	-11	-13	2				
08 UNL 10	1020.8 E	3	-17	-17	-21	0				
09 UNL 3 IF	1019.9 N	16	-13	-13	-19	10				
10 UNL 10	1024.0 N	19	-14	-14	-17	0				
11 UNL 10 IC	1029.1 CALM		-22	-22	-31	4				
12 UNL 7 IC	1027.1 NNW	6	-21	-21	-26	0				
13 UNL 10 IC	1029.0 N	7	-19	-19	-22	0				
14 UNL 6 BS	1020.4 N	21	-16	-16	-21	3				
15 UNL 21/2S-BS	1025.6 N	2	-20	-20	-36	0				
16 UNL 7 IC	1033.9 SSW	3	-20	-20	-24	4				
17 UNL 3 ICIF	1033.0 NN	3	-20	-20	-24	4				
18 UNL 10	1022.6 NNW	7	-15	-15	-20	6				
19 UNL 10 IC	1016.9 NNW	6	-26	-26	-30	0				
20 UNL 10	1010.6 SE	8	-18	-18	-22	0				
21 80 6 S-	999.9 SSE	8	-11	-11	-15	10				
22 UNL 8 IC	1010.5 NNW	15	-27	-27	-33	0				
23 UNL 10 IC	1021.8 N	2	-30	-30	-36	0				
24 18 4 S-	1013.7 E	12	-11	-12	-17	8				
25 UNL 11/2IFBS	1023.3 N	18	-23	-23	-25	2				
26 UNL 8 IC	1033.3 W	4	-24	-24	-31	0				
27 UNL 8 IC	1037.9 WSW	8	-24	-24	-33	2				
28 UNL 5 ICIF	1036.3 CALM		-28	-28	-32	3				
29 UNL 10	1029.0 CALM		-20	-20	-25	8				
30 UNL 10	1029.8 CALM		-26	-26	-32	0				

AVG 1021.3 9 -18 -18 -22 4

ISACHSEN NMT  
NOVEMBER 1971 0500 MST

01 UNL 8	1002.7 E	10	-8	-8	-14	10				
02 17 6 S-F	1005.7 N	10	-5	-5	-6	10				
03 16 7 S-	1008.0 N	4	-4	-4	-6	10				
04 18 7 S-	1010.0 NNE	10	-6	-6	-9	10				
05 UNL 2 ICIF	1021.4 N	14	-13	-13	-17	4				
06 UNL 11/4BS	1019.7 N	35	-11	-11	-14	4				
07 UNL 8	1023.9 NNE	15	-16	-16	-21	0				
08 UNL 10	1021.5 N	4	-17	-18	-24	0				
09 15 11/4BS	1017.5 N	31	-10	-10	-13	9				
10 UNL 10	1025.3 N	27	-14	-14	-18	3				
11 UNL 10	1028.6 ESE	3	-22	-22	-33	4				
12 UNL 8 IC	1027.1 NNW	6	-21	-20	-22	0				
13 UNL 7 IC	1028.3 NNW	8	-18	-18	-22	0				
14 20 3 S-BS	1019.6 NNW	22	-18	-18	-20	7				
15 UNL 4 BS	1026.9 N	24	-20	-20	-26	1				
16 UNL 10 IC	1034.5 N	4	-31	-31	-37	0				
17 UNL 5 ICIF	1032.3 N	7	-19	-19	-23	1				
18 UNL 10 IC	1021.4 N	12	-17	-17	-20	0				
19 UNL 10	1015.9 NNW	2	-27	-27	-31	0				
20 UNL 10	1009.9 SSE	2	-18	-18	-20	0				
21 9 6 S-	999.9 SSE	7	-10	-9	-11	10				
22 UNL 8 IC	1013.1 NN	12	-28	-28	-32	0				
23 UNL 8 IC	1024.7 CALM		-30	-29	-31	1				
24 UNL 10 IC	1013.4 E	12	-19	-18	-20	0				
25 UNL 11/2IFBS	1024.7 NNW	14	-23	-23	-27	2				
26 UNL 8 IC	1032.7 NNW	3	-23	-23	-30	0				
27 UNL 8 IC	1038.3 WSW	3	-23	-23	-28	2				
28 UNL 8 IC	1035.4 CALM		-30	-30	-36	3				
29 UNL 10	1028.5 CALM		-19	-19	-25	8				
30 UNL 10 IC	1029.4 CALM		-27	-27	-33	0				

AVG 1021.4 10 -18 -18 -22 3

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  
NOVEMBER 1971 0800 MST

01 UNL 10	1002.6 E	13	-9	-9	-14	9				
02 20 7 S-	1006.2 ESE	2	-3	-3	-4	10				
03 15 7 S-	1008.0 N	3	-3	-3	-4	10				
04 20 6 S-	1011.5 N	9	-10	-10	-13	10				
05 UNL 3 ICBS	1023.0 N	10	-12	-12	-17	3				
06 UNL 1/4BS	1018.4 N	38	-14	-14	-18	5				
07 UNL 8	1024.5 NN	3	-14	-14	-19	8				
08 UNL 10	1022.0 NNW	9	-20	-20	-26	0				
09 UNL 3/8BS	1016.9 NNW	33	-13	-12	-15	5				
10 UNL 10	1027.5 NNE	17	-12	-12	-17	4				
11 150 6 ICIF	1028.1 CALM		-18	-19	-25	10				
12 UNL 10 IC	1027.3 WSW	3	-21	-21	-24	0				
13 UNL 10 IC	1027.4 CALM		-22	-22	-26	2				
14 14 2 S-IFBS	1020.1 NN	6	-16	-16	-19	10				
15 UNL 6 BS	1027.4 NNE	20	-21	-21	-26	1				
16 UNL 10 IC	1035.5 N	8	-30	-30	-36	0				
17 UNL 5 ICIF	1032.0 N	17	-21	-21	-26	4				
18 UNL 10 IC	1020.0 N	15	-15	-14	-16	0				
19 UNL 10	1014.9 N	8	-25	-25	-27	0				
20 UNL 10	1007.9 ESE	8	-23	-23	-25	0				
21 10 6 IC	1000.0 SE	3	-10	-10	-13	10				
22 UNL 10	1015.5 NNW	15	-27	-27	-29	0				
23 UNL 8 IC	1023.1 CALM		-29	-29	-31	1				
24 UNL 10	1013.4 N	7	-12	-12	-16	10				
25 15 5/8IF	1026.9 NNE	10	-25	-25	-27	6				
26 UNL 7 IC	1034.7 SW	4	-25	-25	-32	0				
27 UNL 6 IC	1038.3 W	5	-24	-24	-28	0				
28 UNL 8	1034.2 NNW	4	-28	-28	-36	6				
29 UNL 10	1028.0 CALM		-17	-18	-25	8				
30 UNL 10	1029.4 CALM		-32	-32	-38	0				

AVG 1021.4 9 -19 -19 -23 4

ISACHSEN NMT  
NOVEMBER 1971 1100 MST

01 UNL 10	1002.3 E	12	-9	-9	-14	9				
02 22 7 S-	1006.8 ENE	6	-3	-3	-4	10				
03 13 7 S-	1007.6 N	4	-2	-2	-5	10				
04 UNL 6 F	1012.8 N	12	-14	-14	-17	6				
05 UNL 3 BS	1022.8 N	20	-14	-14	-19	3				
06 UNL 3/8BS	1017.8 N	44	-17	-17	-22	4				
07 70 6 S-	1023.4 N	7	-12	-12	-16	10				
08 UNL 10	1021.6 N	7	-18	-18	-28	0				
09 25 3/4BS	1016.8 NNW	29	-13	-13	-16	6				
10 UNL 10 IC	1028.4 N	22	-12	-12	-16	4				
11 120 7 IC	1027.2 CALM		-17	-17	-22	10				
12 UNL 10 IC	1027.2 CALM		-22	-22	-23	0				
13 UNL 10 IC	1028.3 NNW	10	-21	-21	-25	1				
14 UNL 2 S-BS	1021.0 N	17	-15	-15	-18	7				
15 UNL 5 BS	1029.0 N	15	-22	-22	-27	0				
16 UNL 10 IC	1033.5 N	9	-31	-31	-37	0				
17 UNL 6 ICIF	1031.2 NNW	12	-22	-22	-27	0				
18 UNL 4 ICIF	1019.2 NNW	12	-17	-17	-20	6				
19 UNL 10	1014.0 NNW	2	-24	-24	-27	1				
20 UNL 10	1006.0 SSW	4	-16	-16	-20	2				
21 10 6 IC	1028.3 NNW	10	-21	-21	-25	9				
22 UNL 3 IF	1018.0 N	8	-26	-26	-28	1				
23 100 2 S-IF	1021.3 CALM		-26	-26	-27	8				
24 UNL 7 IC	1015.0 E	8	-23	-23	-26	0				
25 UNL 5/8IF	1028.0 NN	5	-25	-25	-29	5				
26 UNL 10	1035.2 SSW	3	-27	-27	-35	8				
27 UNL 8 IC	1038.3 WSW	4	-24	-24	-29	4				
28 UNL 8	1033.6 CALM		-26	-26	-33	6				
29 UNL 10	1028.3 E	4	-19	-19	-27	8				
30 UNL 10	1029.2 CALM		-32	-32	-38	0				

AVG 1021.4 9 -19 -19 -23 5

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  
NOVEMBER 1971 1400 MST

01 UNL 10	1003.0 ENE	5	-9	-9	-13	8				
02 20 7 S-	1007.5 E	5	-3	-3	-7	10				
03 190 7 S-	1007.5 E	4	-5	-5	-8	9				
04 UNL 6 F	1014.4 N	11	-16	-16	-21	10				
05 UNL 5 ICBS	1023.1 N	22	-14	-14	-19	2				
06 UNL 3/8BS	1019.0 N	38	-16	-16	-20	4				
07 70 7	1021.5 NN	15	-9	-9	-12	9				
08 UNL 7	1021.4 N	20	-19	-19	-23	0				
09 UNL 10	1017.3 N	37	-14	-13	-15	4				
10 UNL 10 IC	1030.1 NNW	15	-21	-21	-26	2				
11 UNL 5 ICIF	1027.5 CALM		-19	-19	-23	7				
12 30 10 IC	1028.2 W	3	-23	-23	-24	9				
13 20 9 ICIF	1025.1 N	9	-17	-17	-21	8				
14 UNL 2 S-BS	1021.4 N	15	-16	-16	-20	4				
15 UNL 7 IC	1030.8 N	7	-23	-23	-30	0				
16 UNL 10 IC	1033.1 N	12	-26	-26	-32	0				
17 UNL 6 ICIF	1030.3 NNW	7	-21	-21	-26	2				
18 UNL 5 IC	1019.0 NNW	14	-15	-15	-17	2				
19 UNL 10	1013.2 NNE	1	-27	-27	-27	1				
20 UNL 10	1004.1 SE	9	-16	-16	-19	2				

## SYNOPTIC OBSERVATIONS

CLYDE

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NMT  
DECEMBER 1971 0100 EST

01 UNL 15	1024.2	MM	8	-	9	-	13	9		
02 UNL 15	1019.3	CALM								
03 UNL 15	1012.4	MM	3	-10	-10	-17	0			
04 UNL 15	1015.5	NE	4	-16	-16	-24	1			
05 UNL 15	1010.6	CALM								
06 100 15	997.4	CALM								
07 UNL 15	1001.2	CALM								
08 UNL 15	1011.6	CALM								
09 UNL 15	1016.2	CALM								
10 UNL 15	1027.1	CALM								
11 UNL 15	1031.4	CALM								
12 UNL 15	1029.3	CALM								
13 UNL 15	1025.5	CALM								
14 120 15	1018.6	S	2	-23	-23	-28	8			
15 100 12	1006.2	NW	10	-13	-13	-17	10			
16 80 15	1014.1	NW	12	-27	-27	-33	10			
17 30 12	1013.9	CALM								
18 30 15	1008.7	CALM								
19 100 15	1003.6	CALM								
20										
21										
22										
23										
24										
25										
26										
27 30 4	990.3	NW	14	-22	-22	-28	10			
28 UNL 15	1002.1	SSW	3	-24	-24	-29	0			
29 UNL 15	1012.0	CALM								
30 UNL 15	1010.3	CALM								
31 UNL 15	1013.1	CALM								
AVG										

OBSERVATIONS MISSING

CLYDE NMT  
DECEMBER 1971 0400 EST

01 UNL 15	1023.8	MM	5	-	9	-	14	8		
02 UNL 15	1018.2	MM	3	-13	-13	-20	0			
03 UNL 15	1012.6	CALM								
04 UNL 15	1016.2	CALM								
05 100 15	1009.4	CALM								
06 UNL 15	998.7	CALM								
07 UNL 15	1003.7	CALM								
08 UNL 15	1011.6	CALM								
09 UNL 15	1017.2	CALM								
10 UNL 15	1027.7	CALM								
11 UNL 15	1031.3	CALM								
12 UNL 15	1029.2	CALM								
13 UNL 15	1025.0	CALM								
14 UNL 15	1018.0	CALM								
15 120 15	1007.9	NW	12	-22	-22	-28	10			
16 80 15	1015.2	N	16	-25	-25	-31	10			
17 30 12	1013.9	CALM								
18 80 15	1008.2	CALM								
19 100 15	1003.7	CALM								
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
AVG										

OBSERVATIONS MISSING

CLYDE NMT  
DECEMBER 1971 0700 EST

01 UNL 15	1023.1	CALM								
02 UNL 15	1017.5	CALM								
03 UNL 15	1012.7	CALM								
04 UNL 15	1016.8	CALM								
05 100 15	1008.2	CALM								
06 UNL 15	997.4	CALM								
07 UNL 15	1005.1	S	15	-15	-15	-20	0			
08 UNL 15	1011.3	CALM								
09 UNL 15	1018.2	CALM								
10 UNL 15	1029.9	CALM								
11 UNL 15	1031.2	CALM								
12 UNL 15	1026.9	CALM								
13 UNL 15	1024.2	CALM								
14 UNL 15	1016.3	CALM								
15 100 8	1008.3	NW	6	-24	-24	-29	10			
16 12	1015.5	NW	14	-23	-23	-27	10			
17 10 8	1013.1	CALM								
18 UNL 15	1007.9	CALM								
19 100 15	1002.6	CALM								
20 UNL 15	998.4	CALM								
21 UNL 15	1004.9	CALM								
22 UNL 15	1014.2	E	2	-19	-19	-24	4			
23 70 12	1014.2	N	2	-22	-21	-24	10			
24 UNL 15	1011.6	CALM								
25 UNL 15	1013.5	CALM								
26 UNL 15	1011.5	CALM								
27 30 4	990.3	NW	14	-22	-22	-28	10			
28 UNL 15	1002.1	SSW	3	-24	-24	-29	0			
29 UNL 15	1012.0	CALM								
30 UNL 15	1010.3	CALM								
31 UNL 15	1013.1	CALM								
AVG	1012.3		2	-21	-21	-26	3			

CLYDE NMT  
DECEMBER 1971 1000 EST

01 UNL 15	1022.9	CALM								
02 UNL 15	1016.1	MM	2	-19	-19	-27	0			
03 UNL 15	1013.0	CALM								
04 UNL 15	1017.0	CALM								
05 120 15	1005.7	CALM								
06 250 15	998.1	S	2	-10	-10	-15	8			
07 UNL 15	1007.4	CALM								
08 UNL 15	1011.4	SE	2	-20	-20	-25	0			
09 UNL 15	1020.3	CALM								
10 UNL 15	1030.7	CALM								
11 UNL 15	1031.0	CALM								
12 80 5	1027.2	CALM								
13 UNL 15	1023.0	CALM								
14 UNL 15	1014.8	CALM								
15 90 5	1009.2	NW	12	-24	-24	-28	7			
16 20 3	1016.5	NW	6	-24	-24	-28	8			
17 7 21/45-F	1012.9	CALM								
18 UNL 15	1007.4	CALM								
19 100 15	1002.1	CALM								
20 UNL 15	998.6	CALM								
21 10 6	1006.1	CALM								
22 UNL 15	1014.9	CALM								
23 UNL 15	1011.6	CALM								
24 UNL 15	1012.0	CALM								
25 UNL 15	1014.0	CALM								
26 UNL 15	1008.6	CALM								
27 120 15	988.9	SW	5	-20	-20	-26	10			
28 UNL 4	1002.0	WSW	5	-25	-25	-27	0			
29 UNL 15	1012.8	CALM								
30 UNL 8	1008.2	NW	8	-25	-25	-31	8			
31 UNL 15	1013.0	N	4	-27	-27	-33	0			
AVG	1012.2		1	-21	-21	-26	4			

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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CLYDE NMT  
DECEMBER 1971 1300 EST

01 UNL 15	1022.3	CALM								
02 UNL 15	1015.1	CALM								
03 UNL 15	1013.9	CALM								
04 UNL 15	1016.4	CALM								
05 100 15	1004.2	NE	2	-3	-3	-7	10			
06 UNL 15	998.3	CALM								
07 UNL 15	1008.8	CALM								
08 UNL 15	1011.6	CALM								
09 UNL 15	1022.0	CALM								
10 UNL 15	1030.9	CALM								
11 UNL 15	1031.0	CALM								
12 UNL 15	1026.2	CALM								
13 UNL 15	1022.1	CALM								
14 UNL 15	1012.9	CALM								
15 80 1	1010.5	NW	14	-24	-24	-26	10			
16 10 4	1016.7	SSE	2	-19	-19	-22	9			
17 80 6	1011.9	CALM								
18 UNL 15	1006.5	CALM								
19 120 15	1001.2	CALM								
20 UNL 15	998.3	CALM								
21 10 6	1007.0	N	2	-13	-13	-17	10			
22 10 5	1015.1	N	6	-19	-19	-24	10			
23 UNL 15	1012.9	CALM								
24 UNL 15	1011.6	CALM								
25 UNL 15	1014.0	CALM								
26 UNL 15	1005.3	M	2	-33	-33	-39	4			
27 120 15	990.0	SSW	3	-18	-18	-23	10			
28 UNL 15	1002.4	NW	4	-21	-21	-27	0			
29 UNL 15	1011.9	CALM								
30 210 12	1007.4	W	3	-25	-25	-31	8			
31 UNL 15	1012.8	NE	4	-22	-22	-27	0			
AVG	1012.0		1	-21	-21	-26	4			

CLYDE NMT  
DECEMBER 1971 1600 EST

01 UNL 15	1021.7	CALM								
02 UNL 15	1014.4	CALM								
03 UNL 15	1014.8	CALM								
04 UNL 15	1015.8	CALM								
05 100 15	1002.1	CALM								
06 UNL 15	998.5	CALM								

## SYNOPTIC OBSERVATIONS

## EUREKA

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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EUREKA NMT  
JULY 1971 0100 EST

01 UNL 40	1010.3	MNW	10	40	37	32	6			
02 UNL 40	1006.8	NM	12	43	38	31	7			
03 UNL 40	1009.7	E	11	53	43	30	4			
04 UNL 40	1006.3	M	6	47	41	33	6			
05 UNL 40	1009.9	MNW	18	46	40	32	5			
06 UNL 40	1008.4	MNW	10	41	39	35	10			
07 25 20	1007.7	M	17	35	34	32	9			
08 8 21/25-F	1011.7	NM	17	36	33	29	10			
09 UNL 40	1011.6	MNW	6	39	35	30	1			
10 80 40	1009.1	MNW	8	39	35	30	4			
11 40 40	1010.7	MNW	8	36	35	34	10			
12 90 40	1009.5	M	4	36	35	33	9			
13 90 40	1006.8	MNW	3	40	38	34	9			
14 35 40	1009.9	E	7	48	42	35	9			
15 UNL 40	1010.5	CALM	49	42	33	2				
16 40 15	1011.5	ESE	12	40	38	37	10			
17 UNL 40	1011.0	E	7	49	43	35	4			
18 35 40	1012.1	SSE	10	43	40	37	9			
19 35 40	1013.1	SSE	6	44	40	34	9			
20 90 40	1014.8	MNW	12	41	38	34	8			
21 200 40	1016.4	M	10	43	39	35	9			
22 50 40	1017.6	M	12	41	39	36	10			
23 50 40	1019.5	MNW	8	44	42	39	9			
24 80 40	1017.0	M	7	43	40	37	10			
25 UNL 40	1015.1	M	15	43	40	36	2			
26 40 40	1010.8	M	9	42	39	35	6			
27 100 40	1012.7	M	8	42	38	34	8			
28 150 40	1011.7	ESE	15	46	42	37	9			
29 60 40	1009.4	SSE	15	44	41	37	9			
30 UNL 40	1006.5	MNW	8	41	39	36	2			
31 70 40	1007.1	SE	25	47	42	36	9			
AVG	1011.2		10	43	39	34	7			

EUREKA NMT  
JULY 1971 0400 EST

01 60 40	1010.0	MNW	10	42	38	33	7			
02 UNL 40	1007.3	MNW	12	49	41	31	9			
03 UNL 40	1009.9	M	5	38	36	32	0			
04 200 40	1007.2	M	10	48	42	34	10			
05 UNL 40	1010.2	M	19	43	38	32	7			
06 65 40	1007.0	MNW	8	42	40	36	10			
07 25 20	1009.2	M	36	33	29	10				
08 12 4	1011.8	NM	20	35	32	29	10			
09 UNL 40	1011.6	MNW	10	41	37	30	7			
10 80 40	1007.9	M	5	38	36	33	10			
11 35 40	1011.5	MW	5	36	35	34	10			
12 90 40	1009.0	M	3	35	34	33	9			
13 90 40	1009.5	M	3	38	36	33	9			
14 35 40	1011.0	E	10	46	40	34	9			
15 UNL 40	1008.7	M	13	55	44	30	7			
16 40 15	1012.9	SSE	15	41	39	37	10			
17 UNL 40	1016.1	E	10	49	41	33	5			
18 200 40	1011.9	SSE	14	42	39	35	10			
19 35 40	1014.1	ESE	4	45	41	35	8			
20 90 40	1015.2	M	8	42	39	35	8			
21 UNL 40	1016.7	M	10	44	40	35	9			
22 50 40	1018.4	M	13	41	39	36	9			
23 55 40	1019.6	M	8	42	40	36	9			
24 80 40	1017.6	MNW	7	42	39	37	10			
25 70 40	1014.9	MNW	13	43	40	36	9			
26 35 40	1010.4	M	20	41	38	34	10			
27 100 40	1013.9	CALM	42	39	36	9				
28 150 40	1011.4	ESE	17	47	42	36	10			
29 60 40	1009.5	SE	10	41	39	36	8			
30 UNL 40	1006.9	MNW	7	41	38	35	2			
31 40 40	1008.2	SE	12	43	41	38	9			
AVG	1011.4		10	42	39	34	8			

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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EUREKA NMT  
JULY 1971 0700 EST

01 UNL 40	1009.7	M	11	45	41	35	4			
02 UNL 40	1007.6	M	7	44	39	32	2			
03 UNL 40	1009.6	M	12	38	35	34	3			
04 UNL 40	1007.7	NM	8	44	39	32	4			
05 UNL 40	1010.2	M	24	42	39	35	4			
06 UNL 40	1005.9	E	12	43	39	34	9			
07 25 20	1008.9	MNW	14	36	34	30	10			
08 45 15	1011.2	NM	20	36	33	29	10			
09 UNL 40	1011.4	MSW	15	39	35	30	6			
10 40 15	1007.7	CALM	37	36	35	10				
11 50 30	1012.1	CALM	38	37	36	10				
12 80 40	1009.0	M	8	35	34	33	9			
13 80 40	1006.3	CALM	39	37	34	8				
14 70 40	1012.8	ESE	5	46	40	32	9			
15 80 30	1007.9	M	4	53	43	30	9			
16 UNL 40	1014.7	SSE	15	41	39	36	6			
17 UNL 40	1015.0	SE	8	46	42	34	3			
18 200 40	1012.2	SE	16	43	40	36	10			
19 UNL 40	1014.2	ESE	6	46	41	35	10			
20 110 40	1015.4	MNW	13	43	39	35	8			
21 UNL 40	1016.9	MNW	8	43	40	36	3			
22 80 40	1019.1	MNW	10	42	40	37	9			
23 70 40	1019.7	M	6	44	41	38	9			
24 120 40	1017.6	MSW	5	44	41	38	7			
25 40 40	1017.0	SE	16	43	40	36	10			
26 24 12	1011.3	M	10	40	38	35	10			
27 27 40	1014.7	ESE	7	45	40	34	10			
28 90 40	1011.0	S	23	49	42	33	9			
29 UNL 40	1009.0	SSE	14	41	39	36	2			
30 UNL 40	1007.2	MNW	10	43	40	36	1			
31 80 30	1007.7	E	9	44	41	37	10			
AVG	1011.6		10	42	39	34	7			

EUREKA NMT  
JULY 1971 1000 EST

01 UNL 40	1008.8	MNW	13	44	40	35	1			
02 UNL 40	1007.9	MNW	8	42	38	33	4			
03 UNL 40	1008.7	MNW	10	39	37	33	5			
04 UNL 40	1007.8	MNW	10	44	39	32	7			
05 UNL 40	1008.8	M	27	42	38	33	2			
06 70 40	1004.4	E	10	46	41	35	9			
07 30 30	1009.2	MNW	20	37	33	27	10			
08 100 15	1011.2	MNW	14	40	35	28	9			
09 UNL 40	1010.7	MSW	22	40	36	30	9			
10 30 15	1007.4	MNW	3	36	35	34	10			
11 50 30	1012.2	CALM	37	36	35	10				
12 40 40	1008.2	MNW	10	38	36	33	9			
13 35 40	1006.4	CALM	41	38	34	9				
14 30 40	1013.1	CALM	48	41	32	6				
15 30 40	1017.7	ESE	5	44	40	36	10			
16 UNL 40	1016.2	SSE	15	45	41	37	6			
17 UNL 40	1013.8	CALM	52	43	32	4				
18 200 40	1012.0	S	8	45	40	34	10			
19 UNL 40	1014.4	SSE	7	44	39	33	10			
20 UNL 40	1015.5	MNW	10	43	39	35	4			
21 100 40	1016.6	M	8	44	40	35	2			
22 UNL 40	1019.4	MNW	8	45	41	37	8			
23 70 40	1019.2	MSW	10	44	41	38	9			
24 120 40	1016.9	M	13	45	41	38	7			
25 70 40	1014.3	M	12	43	40	36	9			
26 UNL 15	1009.8	MW	23	44	38	31	2			
27 150 40	1015.2	SE	4	46	41	35	9			
28 60 40	1009.3	S	25	46	41	35	10			
29 50 40	1008.2	SSE	10	44	41	38	9			
30 UNL 40	1006.8	MNW	5	43	40	37	4			
31 80 40	1006.4	ESE	7	44	41	38	9			
AVG	1011.2		10	43	39	34	7			

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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EUREKA NMT  
JULY 1971 1300 EST

01 UNL 40	1007.7	MNW	7	49	43	35	3			
02 UNL 40	1007.9	MNW	16	43	39	34	2			
03 UNL 40	1007.7	M	10	46	40	33	8			
04 UNL 40	1008.2	MNW	9	45	41	37	7			
05 UNL 40	1008.6	M	21	45	39	31	1			
06 70 40	1004.2	M	10	44	40	35	9			
07 30 30	1009.4	MW	25	37	34	29	10			
08 UNL 15	1011.2	MNW	12	42	38	27	7			
09 UNL 40	1009.9	M	15	40	37	31	10			
10 40 40	1007.6	M	6	37	36	35	10			
11 50 30	1012.0	CALM	9	38	37	36	10			
12 80 40	1007.2	MNW	6	41	38	34	8			
13 35 40	1007.1	M	5	46	41	36	9			
14 UNL 40	10									

## SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (100's RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
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EUREKA NMT  
AUGUST 1971 0100 EST

01 100 40				1003.5 E	8	44	41	37	9	
02 40 30	R-			1002.8 S	6	41	39	37	9	
03 35 15				1006.6 W	18	35	33	30	10	
04 80 40				1003.8 SSE	12	41	38	34	10	
05 18 10				988.5 SSE	12	41	39	37	10	
06 70 40	R-			1000.1 SSE	16	35	33	29	9	
07 70 40				994.0 ESE	8	36	34	32	9	
08 100 15				988.4 ESE	5	34	32	30	10	
09 15 1	S-			996.6 W	5	32	32	32	10	
10 50 15				1001.1 CALM	3	33	31	28	10	
11 35 15	S-			1003.2 SSE	6	33	32	30	10	
12 110 40				1004.3 SSE	9	32	31	29	9	
13 UNL 40				999.6 W	12	34	31	27	5	
14 80 40				990.1 N	20	38	34	28	9	
15 UNL 40				996.1 SE	14	35	34	31	7	
16 50 15				1000.4 W	9	34	32	30	9	
17 80 30				1006.4 N	11	32	31	28	9	
18 120 40				1011.0 E	3	32	29	25	8	
19 UNL 40				1013.8 ENE	7	35	32	28	8	
20 UNL 40				1015.7 E	6	35	33	30	9	
21 120 40				1015.4 E	12	34	34	31	10	
22 50 30				1006.9 SE	13	37	35	33	10	
23 UNL 40				1006.6 W	3	30	27	20	5	
24 UNL 40				1005.1 CALM	3	37	36	34	10	
25 70 40				1005.3 SE	10	37	35	32	8	
26 UNL 40				1006.9 SE	9	40	36	30	8	
27 26 15				1006.3 N	18	32	29	23	9	
28 60 20				1007.8 W	5	31	28	24	10	
29 35 30				1007.1 N	5	33	32	30	10	
30 45 40				1004.7 NE	3	32	31	29	10	
31 37 40				996.2 SE	7	31	29	26	10	
AVG				1003.0	9	35	33	30	9	

EUREKA NMT  
AUGUST 1971 0400 EST

01 100 40				1003.3 ESE	4	44	41	36	9	
02 40 30				1003.4 SSE	5	41	39	36	10	
03 35 15				1008.0 W	14	35	33	29	10	
04 70 40				1001.1 SSE	13	41	38	34	10	
05 30 30				991.9 S	8	39	37	34	9	
06 70 30				999.3 SSE	16	35	32	28	8	
07 70 30				993.3 SE	6	36	34	32	10	
08 100 21/25-F				986.5 ESE	4	33	33	32	10	
09 40 15				998.4 W	5	32	32	31	9	
10 25 15				1001.4 NW	7	33	32	31	9	
11 15 6	S-F			1002.6 E	7	33	32	31	10	
12 40 40				1005.8 E	7	33	31	28	10	
13 UNL 40				1017.8 E	12	34	32	27	9	
14 80 40				991.0 N	7	36	32	27	9	
15 80 40				995.8 SE	10	35	33	30	9	
16 13 15				1001.6 CALM	3	33	32	30	10	
17 UNL 40				1007.5 N	8	31	30	28	9	
18 80 40				1011.6 SE	6	33	31	29	10	
19 UNL 40				1013.8 ENE	3	34	32	29	2	
20 UNL 40				1016.8 E	7	34	32	29	10	
21 120 40				1015.0 ESE	12	36	34	31	10	
22 50 30				1006.0 SE	13	37	35	33	10	
23 60 40				1006.6 ESE	5	30	28	23	8	
24 UNL 40				1004.9 NE	2	33	32	30	10	
25 UNL 40				1006.1 SE	13	37	34	29	10	
26 UNL 40				1006.5 SE	10	37	35	31	8	
27 UNL 40				1007.1 NW	6	30	28	23	7	
28 70 40				1008.3 N	5	31	28	24	9	
29 35 40				1007.1 NW	3	33	31	30	10	
30 45 40				1003.9 CALM	3	32	30	27	10	
31 37 40	S-			996.1 CALM	3	29	26	10		
AVG				1003.2	7	35	33	30	9	

Date	Calling (100's RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
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EUREKA NMT  
AUGUST 1971 0700 EST

01 75 40				1002.7 SE	5	44	40	36	10	
02 110 40				1003.5 SE	5	41	39	36	10	
03 55 15				1008.8 W	15	35	33	31	10	
04 42 40				996.2 SSE	10	42	38	35	10	
05 20 30				995.2 CALM	3	34	27	7		
06 UNL 30				998.7 SSE	16	36	33	29	7	
07 40 40				992.8 ESE	12	35	34	31	10	
08 12 15				989.2 SE	10	34	33	32	10	
09 40 12	S-			1000.0 W	6	33	32	31	9	
10 30 10	S-			1002.5 W	5	32	31	29	10	
11 35 30				1002.0 SSE	8	33	32	30	10	
12 90 40				1006.4 ESE	4	33	31	29	10	
13 110 40				995.3 N	8	36	32	25	10	
14 80 40				992.0 NSW	5	34	32	29	9	
15 45 15				995.8 E	5	35	33	30	10	
16 15 12	S-			1002.7 CALM	3	32	30	28	10	
17 UNL 30				1007.9 NW	18	33	30	28	9	
18 50 40				1012.3 SE	15	33	32	30	9	
19 UNL 40				1014.6 CALM	3	35	33	30	2	
20 UNL 40				1017.8 E	8	35	33	30	9	
21 160 40				1014.7 SE	18	36	34	31	10	
22 50 30				1004.5 SE	7	36	35	33	10	
23 25 30				1006.5 CALM	3	30	28	10		
24 UNL 40				1005.0 NE	2	32	34	32	10	
25 UNL 40				1007.0 ESE	15	37	34	30	7	
26 140 40				1005.1 SE	18	37	35	32	9	
27 UNL 40				1007.1 CALM	3	31	29	25	7	
28 55 40				1008.3 W	5	31	30	28	10	
29 40 40				1007.0 W	4	33	31	29	10	
30 40 40				1002.9 NW	2	32	28	21	10	
31 33 40				996.8 E	5	31	29	25	10	
AVG				1003.3	7	35	33	30	9	

EUREKA NMT  
AUGUST 1971 1000 EST

01 75 40				1002.5 SE	9	44	41	38	9	
02 40 40	L-			1003.1 SSE	6	41	39	36	10	
03 55 15				1009.3 NW	9	36	33	30	10	
04 40 40				993.9 SE	28	44	39	33	10	
05 UNL 30				997.1 S	25	38	34	28	2	
06 70 30				998.0 SSE	15	37	34	29	10	
07 20 7	L-			991.0 SE	10	37	35	32	10	
08 20 30				990.0 S	8	33	31	28	10	
09 35 15	S-			1000.6 SSE	3	35	34	32	9	
10 15 10	S-			1003.3 WSW	8	31	30	29	10	
11 70 30				1001.0 S	16	33	32	30	10	
12 UNL 40				1006.8 E	5	35	32	27	9	
13 UNL 40				1017.8 E	20	38	34	26	2	
14 200 40				992.9 CALM	3	34	32	30	9	
15 45 15				996.1 E	3	35	34	32	9	
16 15 3	L-S-F			1002.8 CALM	3	33	32	31	10	
17 90 40				1008.3 N	8	31	30	27	9	
18 UNL 40				1012.3 SE	12	36	33	27	9	
19 UNL 40				1014.2 SSE	7	37	34	30	2	
20 UNL 40				1017.8 E	9	38	35	31	2	
21 120 40				1013.0 ESE	17	38	35	31	10	
22 50 30	R-			1003.2 ESE	12	37	36	34	9	
23 15 40				1005.7 SE	4	34	32	29	10	
24 UNL 40				1004.5 ESE	4	39	37	34	8	
25 70 40				1007.1 ESE	18	38	35	31	9	
26 140 40				1004.3 SE	12	38	35	32	9	
27 200 40				1006.9 W	2	32	30	28	8	
28 50 40	S-			1008.4 CALM	3	31	29	26	10	
29 40 40				1006.4 CALM	3	31	27	10		
30 40 40				1001.6 CALM	3	32	30	28	10	
31 30 40				996.9 CALM	3	30	27	10		
AVG				1003.0	8	36	34	30	9	

Date	Calling (100's RL)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
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EUREKA NMT  
AUGUST 1971 1300 EST

01 28 30	L-			1002.4 S	8	44	42	39	10	
02 20 30	L-			1003.3 SSE	3	42	40	38	10	
03 55 15				1008.9 W	5	38	35	30	9	
04 40 5	R-F			991.1 SE	25	41	40	38	10	
05 UNL 40				997.4 S	30	37	33	28	4	
06 70 40				999.6 SE	17	36	34	31	10	
07 35 10				989.6 SE	17	38	36	33	10	
08 20 20	S-			991.4 S	10	33	31	28	10	
09 35 15				1001.0 CALM	3	36	34	31	9	
10 20 10	S-			1003.9 N	5	35	33	29	10	
11 200 30				1001.4 S	15	35	33	31	10	
12 UNL 40				1006.2 CALM	4	32	36	27	2	
13 UNL 40				992.3 W	25	41	34	24	4	
14 80 40				994.4 SE	8	35	33	30	9	</

## SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT  
SEPTEMBER 1971 0100 EST

01 UNL 40	999.0 N	5	26	24	19	1
02 UNL 40	999.0 N	4	26	25	22	2
03 15 21/25-	997.0 CALM	30	28	26	10	
04 100 40	999.5 CALM	28	26	23	10	
05 30 40	997.6 NW	9	30	29	26	8
06 10 30	998.1 W	7	29	27	25	10
07 30 40	1000.1 CALM	27	25	20	10	
08 35 40	997.7 CALM	29	27	24	10	
09 55 40	1005.6 SE	5	30	29	26	9
10 32 30	1020.0 CALM	30	29	26	10	
11 UNL 40	1025.2 NNE	5	24	23	19	3
12 UNL 40	1020.0 NNE	5	23	21	17	3
13 UNL 40	1018.3 NNE	5	24	23	19	7
14 UNL 40	1017.7 NNE	4	20	18	13	1
15 UNL 40	1016.5 NNE	4	17	16	12	4
16 UNL 40	1009.6 NNE	4	23	22	19	8
17 20 10	1005.1 N	2	21	20	16	10
18 20 5	1002.8 ESE	2	24	23	21	10
19 9 2	1003.0 ESE	10	26	26	24	10
20 UNL 40	1011.4 NNE	6	13	12	7	8
21 20 1/21F	1010.8 ENE	4	16	16	14	7
22 UNL 30	1009.0 NE	2	10	9	3	7
23 UNL 30	1010.7 NNE	7	11	10	6	10
24 2 1/45-F	1012.1 NNE	5	7	7	2	10
25 30 30	1018.8 CALM	12	10	10	1	10
26 UNL 30	1020.9 NE	5	9	9	5	4
27 22 30	1012.9 CALM	14	14	12	8	
28 55 40	1010.4 CALM	26	26	24	8	
29 100 15	1009.8 SSE	7	24	23	21	9
30 UNL 30	1008.5 CALM	16	15	12	2	

AVG 1008.9 4 22 20 17 7

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT  
SEPTEMBER 1971 0700 EST

01 UNL 40	999.3 N	7	27	26	22	1
02 UNL 40	998.3 NW	8	28	27	24	5
03 30 30	998.6 CALM	30	29	27	10	
04 30 40	999.8 CALM	30	29	26	10	
05 55 30	998.8 MNW	4	31	30	28	10
06 20 35	999.2 MSW	6	29	28	26	10
07 25 35	999.6 SSE	3	30	29	27	8
08 50 40	999.1 ESE	5	30	29	27	10
09 UNL 30	1009.0 SE	11	28	26	23	4
10 35 40	1023.3 CALM	31	28	25	9	
11 UNL 40	1022.4 CALM	25	23	20	7	
12 100 40	1019.2 CALM	26	24	20	9	
13 UNL 40	1019.2 NNE	6	20	19	14	1
14 35 40	1016.9 NNE	2	23	22	18	10
15 55 40	1015.6 NNE	3	20	20	17	10
16 UNL 40	1009.0 NNE	3	21	20	16	8
17 10 10	1004.0 CALM	21	21	19	10	
18 5 3/45-	1002.5 ESE	4	26	25	23	10
19 20 2	1004.6 E	10	26	25	23	10
20 30 10	1012.6 E	4	18	18	15	10
21 30 5	1010.4 E	2	18	18	16	10
22 UNL 40	1008.7 NNE	6	14	13	9	4
23 UNL 40	1011.8 N	7	12	11	6	1
24 UNL 7	1013.8 NNE	6	4	4	1	8
25 70 40	1021.4 CALM	16	16	13	9	
26 UNL 40	1019.5 NNE	4	2	2	2	7
27 40 40	1011.6 ESE	6	21	20	17	9
28 45 8	1010.3 SE	15	28	27	25	10
29 100 15	1010.6 ESE	4	22	21	18	6
30 10 11/25-	1005.9 NNE	3	18	17	15	10

AVG 1009.1 4 22 21 18 8

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT  
SEPTEMBER 1971 1300 EST

01 UNL 40	998.6 NW	3	29	25	17	1
02 UNL 40	996.7 MSW	5	30	27	23	8
03 30 40	1000.2 CALM	30	29	27	10	
04 20 40	998.0 N	13	31	30	28	9
05 55 10	998.0 W	6	31	30	28	10
06 20 40	999.5 CALM	4	29	28	25	8
07 18 35	998.1 W	4	29	28	26	10
08 50 40	1000.7 SSE	6	32	30	28	10
09 35 30	1012.3 S	8	32	31	29	10
10 UNL 40	1025.7 SSE	2	32	30	26	2
11 120 40	1020.9 MNW	6	28	26	23	10
12 100 40	1017.9 MNW	7	30	28	26	9
13 UNL 40	1019.2 CALM	4	29	28	26	0
14 UNL 40	1016.0 MSW	4	29	27	24	7
15 UNL 40	1012.9 MSW	4	27	25	22	6
16 UNL 40	1007.5 CALM	26	25	22	5	
17 10 10	1002.5 SE	4	22	22	21	10
18 15 10	1002.8 S	3	24	23	21	8
19 30 10	1006.6 N	7	25	24	22	10
20 30 15	1011.8 E	4	20	18	13	10
21 80 40	1010.3 SE	10	24	22	17	9
22 UNL 40	1009.2 W	9	18	17	10	10
23 UNL 40	1011.8 NNE	5	10	9	2	1
24 70 40	1014.8 E	2	3	3	3	7
25 UNL 40	1022.8 ENE	4	16	15	8	2
26 UNL 40	1017.4 CALM	9	9	9	5	9
27 75 30	1010.4 ESE	6	24	23	20	10
28 50 8	1009.7 SSE	5	28	27	25	10
29 UNL 30	1010.3 SE	4	22	22	19	8
30 11 10	1003.3 ESE	8	27	25	21	10

AVG 1008.9 5 25 24 20 8

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT  
SEPTEMBER 1971 1900 EST

01 UNL 40	999.1 MSW	10	29	28	25	0
02 120 40	996.6 W	12	30	28	24	8
03 30 40	1001.6 W	9	31	29	26	9
04 20 40	998.2 MNW	5	32	30	27	9
05 UNL 30	998.1 MNW	7	30	28	25	4
06 50 40	1000.1 SE	6	32	29	26	7
07 40 40	997.6 W	4	30	29	26	10
08 120 40	1003.4 ESE	9	31	30	27	9
09 32 30	1016.6 ESE	2	32	30	27	10
10 UNL 40	1026.3 N	9	31	28	24	3
11 UNL 40	1020.5 NNE	4	29	27	23	5
12 70 40	1017.7 W	8	30	28	26	9
13 UNL 40	1018.0 W	3	29	27	24	0
14 170 40	1017.5 W	8	24	23	20	10
15 UNL 40	1011.4 CALM	27	26	23	9	
16 45 40	1006.4 CALM	25	24	21	10	
17 4 2	1003.2 SE	2	21	20	18	10
18 15 2	1002.8 ESE	6	26	25	24	10
19 25 10	1009.6 NNE	2	23	22	19	10
20 30 30	1011.6 E	4	18	17	12	10
21 80 40	1009.5 ESE	3	21	20	17	9
22 UNL 40	1009.8 NNE	6	9	9	5	10
23 UNL 40	1012.0 NNE	5	0	1	5	2
24 UNL 40	1017.2 E	3	7	7	5	10
25 UNL 40	1022.2 NNE	7	9	9	6	2
26 UNL 40	1015.3 NNE	6	8	7	3	10
27 20 4	1010.0 ESE	6	26	25	23	10
28 70 15	1009.6 SE	4	26	25	23	10
29 35 5	1010.3 ESE	5	22	22	20	9
30 10 3	1000.7 ESE	13	26	26	24	10

AVG 1009.1 6 24 23 20 8

EUREKA NMT  
SEPTEMBER 1971 0400 EST

01 UNL 40	999.2 N	8	26	23	17	1
02 UNL 40	998.6 MNW	20	26	25	23	2
03 23 10	997.6 CALM	29	29	28	10	
04 100 40	999.0 CALM	28	27	24	10	
05 30 40	998.2 N	15	29	28	25	9
06 10 30	998.3 W	8	29	28	26	10
07 25 40	1000.0 N	4	29	27	24	10
08 50 40	998.5 CALM	29	27	24	10	
09 40 40	1007.3 ESE	5	29	28	26	8
10 32 30	1021.9 CALM	30	29	25	10	
11 UNL 40	1023.9 NE	4	24	23	19	3
12 100 40	1019.8 CALM	25	27	25	10	
13 UNL 40	1018.7 NNE	6	21	20	15	1
14 40 40	1017.0 ENE	3	20	19	15	8
15 45 40	1016.5 E	4	21	20	17	9
16 100 40	1009.2 MNW	6	25	24	21	10
17 20 2	1004.6 NNE	2	20	20	17	10
18 20 10	1002.8 ESE	3	24	24	21	10
19 10 11/25-	1003.5 SSE	13	28	27	23	10
20 25 10	1012.1 NE	4	18	18	14	10
21 30 10	1010.7 NNE	5	16	16	13	10
22 UNL 40	1008.7 NNE	3	9	9	6	3
23 UNL 40	1011.2 NNE	8	8	8	3	10
24 UNL 40	1012.8 NNE	5	1	1	2	8
25 30 40	1020.0 NNE	4	14	14	12	9
26 UNL 40	1020.4 NNE	6	3	3	2	2
27 UNL 40	1012.1 E	17	17	14	10	
28 55 10	1010.4 SE	5	26	25	23	10
29 100 15	1010.3 SE	5	23	23	20	10
30 15 4	1007.3 CALM	18	17	14	9	

AVG 1009.0 5 21 21 17 8

EUREKA NMT  
SEPTEMBER 1971 1000 EST

01 UNL 40	998.9 MNW	10	29	28	26	2
02 UNL 40	997.4 NNE	2	28	26	22	7
03 30 30	999.6 N	3	31	29	26	10
04 20 40	998.5 N	8	30	29	27	10
05 55 30	998.3 CALM	31	30	28	10	
06 20 35	999.4 CALM	30	28	25	10	
07 UNL 35	998.8 CALM	30	28	24	5	
08 50 40	999.5 SE	5	31	30	28	10
09 35 30	1010.4 SE	8	30	29	27	9
10 UNL 40	1024.8 SSE	4	32	29	25	7
11 200 40	1021.2 W	6	29	27	25	10
12 100 40	1018.5 W	5	29	27	25	10
13 UNL 40	1019.0 ESE	4	26	25	22	1
14 80 2	1016.0 W	4	27	26	24	9
15 UNL 40	1014.0 ESE	3	24	23	20	8
16 UNL 40	1008.1 CALM	3	25	24	21	8
17 10 10	1003.2 ESE	3	22	22	21	10
18 15 10	1002.2 CALM	25	24	22	9	
19 20 3	1010.3 SE	3	19	18	14	10
20 30 10	1012.6 E	3	19	18	14	10
21 80 10	1009.8 SE	10	22	21	17	10
22 UNL 40	1008.7 MNW	9	17	15	9	8
23 UNL 40	1011.8 NNE	8	8	8	3	1</

## SYNOPTIC OBSERVATIONS

## EUREKA

Date	Clouds (100% h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA NMT  
OCTOBER 1971 0100 EST

01 12 3	S-	998.6	SE	9	27	26	24	10		
02 UNL 30		1002.2	SE	4	21	20	17	4		
03 9	1/2S	1006.6	ESE	4	23	22	18	10		
04 50 40		1013.6	SE	8	17	16	12	10		
05 UNL 40		1016.1	E	4	2	2	1	3		
06 UNL 15		1010.8	NNE	4	1	1	1	2		
07 90 15		1027.8	E	4	5	4	1	9		
08 UNL 40		1032.9	E	4	-10	-10	-16	0		
09 UNL 40		1030.3	E	4	-15	-15	-23	0		
10 UNL 40		1029.4	NE	2	-19	-19	-27	0		
11 UNL 40		1026.2	E	8	-18	-18	-26	0		
12 UNL 20		1021.2	SE	12	7	6	-1	10		
13 UNL 40		1008.3	SE	20	9	9	3	10		
14 40 15		1001.3	SE	14	15	14	10	10		
15 120 15		1015.1	NNE	8	0	1	-8	8		
16 UNL 10	IC	1014.6	E	8	-13	-12	-16	5		
17 20 3	S-	1011.7	SE	9	-4	-4	-9	10		
18 20 15		1017.1	NNE	10	-17	-18	-24	6		
19 UNL 15		1019.7	NNE	2	-18	-18	-25	0		
20 35 10	S-	1013.3	WNW	10	0	0	-3	8		
21 UNL 15		997.2	WNW	7	5	5	1	7		
22 UNL 15		996.5	CALM	5	4	-1	8			
23 200 10		1006.1	NE	3	1	-1	4	9		
24 UNL 15		1008.7	CALM	-13	-13	-18	0			
25 UNL 15		1014.0	E	5	-19	-19	-26	0		
26 UNL 15		1015.1	ESE	6	-22	-21	-23	0		
27 UNL 15		1013.5	ESE	3	-25	-25	-29	0		
28 UNL 15		1014.5	E	2	-27	-27	-35	0		
29 UNL 15		1012.2	E	4	-28	-28	-36	0		
30 UNL 15		1010.8	E	1	-31	-32	-40	0		
31 UNL 40		1011.2	WNW	1	-34	-34	-41	0		
AVG		1013.3		6	-6	-6	-12	5		

EUREKA NMT  
OCTOBER 1971 0400 EST

01 10 1	S-BS	998.2	ESE	15	27	27	24	10		
02 UNL 40		1003.4	CALM	21	20	17	8			
03 25 5	S-	1009.2	CALM	20	19	16	9			
04 55 40		1012.8	SE	6	16	15	11	10		
05 110 40		1015.7	ESE	5	5	5	0	10		
06 UNL 15		1013.2	WNW	2	3	3	2	2		
07 UNL 15		1029.4	NNE	3	-3	-3	-9	7		
08 UNL 40		1033.0	E	4	-11	-11	-17	0		
09 UNL 40		1030.3	ESE	3	-15	-15	-22	0		
10 UNL 40		1029.6	E	3	-20	-20	-28	0		
11 UNL 40		1025.7	E	4	-17	-17	-26	0		
12 UNL 20		1020.6	ESE	15	8	7	2	6		
13 UNL 40		1006.5	SE	15	9	8	3	10		
14 UNL 40		1001.6	SE	6	14	10	6			
15 90 15	S-	1013.9	ESE	8	-2	-2	-6	10		
16 90 40		1014.5	E	10	-15	-15	-18	6		
17 UNL 15		1012.4	SE	5	-8	-8	-16	4		
18 UNL 15		1017.7	NNE	4	-19	-19	-24	3		
19 UNL 15		1019.8	E	5	-20	-20	-27	0		
20 200 15	S-	1011.4	N	7	2	2	-2	7		
21 UNL 15		1001.6	SE	13	2	2	3	2		
22 200 15		995.4	CALM	2	-2	-3	8			
23 200 10	S-	1007.5	NE	5	4	4	1	10		
24 UNL 15		1008.5	ESE	3	-14	-14	-20	0		
25 UNL 15		1014.7	ESE	5	-21	-21	-27	0		
26 UNL 15		1015.0	NE	5	-22	-22	-25	0		
27 UNL 15		1014.1	CALM	-25	-25	-25	-29	0		
28 UNL 15		1014.4	ESE	3	-26	-26	-32	0		
29 UNL 15		1012.4	CALM	-28	-28	-34	0			
30 UNL 15		1011.2	E	5	-32	-32	-41	0		
31 UNL 40		1011.1	CALM	-34	-34	-40	0			
AVG		1013.5		5	-6	-7	-12	4		

EUREKA NMT  
OCTOBER 1971 0700 EST

01 25 15		997.9	ESE	10	27	26	24	10		
02 45 30		1004.6	CALM	20	19	15	9			
03 25 10		1011.7	WNW	4	18	17	13	8		
04 70 40		1013.0	ESE	5	15	14	10	10		
05 40 2	S-	1013.8	E	4	7	7	3	10		
06 UNL 15		1015.6	NNE	4	2	1	-3	10		
07 UNL 15		1029.9	E	4	-7	-7	-13	3		
08 UNL 40		1032.2	E	5	-11	-12	-18	5		
09 UNL 40		1030.0	ESE	3	-17	-17	-24	0		
10 UNL 15		1029.1	E	4	-19	-19	-24	3		
11 UNL 40		1024.8	E	4	-18	-18	-23	1		
12 UNL 40		1019.7	ESE	21	7	6	2	10		
13 250 40		1004.6	SSE	22	11	10	3	10		
14 UNL 40		1003.0	WNW	3	13	13	10	8		
15 150 40		1015.4	NE	4	1	1	-3	8		
16 90 40		1014.0	E	12	-14	-14	-16	8		
17 20 15		1013.6	ESE	10	-9	-9	-16	6		
18 UNL 15		1017.7	E	5	-20	-20	-26	3		
19 UNL 30		1019.2	NE	2	-19	-19	-25	9		
20 220 15		1009.5	N	13	6	6	2	9		
21 UNL 15		995.9	WNW	10	0	0	-3	6		
22 UNL 15		996.5	CALM	2	1	-4	6			
23 200 10		1007.7	CALM	6	5	5	2	10		
24 UNL 40	S-	1009.3	NE	8	-16	-16	-22	0		
25 UNL 40		1015.3	E	2	-21	-21	-28	0		
26 UNL 40		1014.7	ESE	3	-23	-23	-30	0		
27 UNL 40		1014.8	CALM	-24	-24	-32	0			
28 UNL 40		1013.8	CALM	-26	-26	-34	0			
29 UNL 40		1012.0	E	2	-30	-30	-39	0		
30 UNL 40		1011.7	F	3	-33	-33	-39	0		
31 UNL 40		1010.1	NNE	5	-32	-32	-38	0		
AVG		1013.6		6	-7	-7	-12	5		

EUREKA NMT  
OCTOBER 1971 1000 EST

01 27 15		997.9	ESE	15	27	25	21	10		
02 200 30		1004.6	ENE	2	19	18	14	10		
03 UNL 40		1013.5	NNE	5	6	5	0	8		
04 100 15		1012.7	E	6	16	16	12	10		
05 11 1	S-	1011.0	NNE	2	9	9	6	10		
06 45 40		1013.3	ESE	6	-4	-4	-9	8		
07 UNL 40		1030.7	E	7	-5	-5	-10	7		
08 UNL 40		1031.5	E	5	-13	-13	-19	1		
09 UNL 40		1030.0	E	3	-15	-15	-23	0		
10 UNL 15		1028.7	E	5	-19	-19	-23	3		
11 UNL 40		1024.4	NE	3	-13	-13	-18	10		
12 UNL 40		1019.7	ESE	11	7	5	3	10		
13 UNL 40		1003.4	SE	16	11	10	5	8		
14 30 7		1004.4	WNW	29	9	9	5	10		
15 UNL 40		1016.2	CALM	-10	-10	-14	8			
16 12 40	S-	1013.1	E	7	-8	-8	-13	10		
17 UNL 40		1014.2	ENE	5	-14	-14	-19	8		
18 20 30		1017.7	NE	2	-20	-20	-25	6		
19 UNL 15		1019.0	NE	5	-17	-17	-22	10		
20 250 15		1007.7	E	4	7	7	3	10		
21 UNL 15		995.3	WNW	8	5	5	1	8		
22 UNL 30		997.3	E	3	2	2	-2	7		
23 UNL 15		1007.8	NNE	6	7	7	4	10		
24 UNL 40		1009.7	E	4	-18	-18	-23	0		
25 UNL 40		1015.9	NE	2	-22	-22	-29	0		
26 UNL 40		1014.5	NE	6	-22	-23	-30	0		
27 UNL 40		1015.0	CALM	-25	-25	-33	0			
28 UNL 40		1013.2	CALM	-26	-26	-34	0			
29 UNL 40		1012.4	CALM	-30	-30	-38	0			
30 UNL 40		1011.8	CALM	-32	-32	-38	0			
31 UNL 40		1009.3	ENE	2	-31	-31	-39	5		
AVG		1013.4		5	-7	-7	-13	6		

EUREKA NMT  
OCTOBER 1971 1300 EST

01 9 11/25-		998.3	E	12	27	26	24	10		
02 100 30		1004.6	CALM	18	17	12	10			
03 UNL 40		1014.6	NE	5	4	4	-1	10		
04 70 15		1013.0	NNE	3	12	12	8	10		
05 10 3/4S-		1007.6	NM	2	12	12	9	10		
06 UNL 40		1019.6	ESE	7	-3	-4	-10	2		
07 100 40		1031.7	ESE	9	-2	-1	-7	10		
08 UNL 40		1031.4	NE	4	-11	-11	-18	1		
09 UNL 40		1029.9	E	3	-15	-16	-23	0		
10 UNL 15		1028.3	E	4	-19	-19	-26	3		
11 UNL 40		1023.7	ENE	2	-14	-14	-18	10		
12 UNL 40		1017.3	SE	20	8	7	0	10		
13 UNL 40		1002.5	SE	16	10	10	6	9		
14 30 7		1007.0	N	14	9	8	1	9		
15 UNL 20	S-	1019.4	SE	4	-10	-10	-12	10		
16 10 40	S-	1012.1	NNE	8	-5	-5	-10	10		
17 100 10	S-	1015.1	E	7	-12	-12	-16	10		
18 150 40		1018.1	NNE	5	-19	-19	-25	10		
19 200 9	S-	1018.7	NE	2	-13	-13	-18	10		
20 90 15		1005.4	N	10	6	6	2	10		
21 200 30										

## SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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EUREKA NMT  
NOVEMBER 1971 0100 EST

01 UNL 40	1005.9	ENE	2	-27	-27	-31	10			
02 UNL 40	1005.6	CALM	-28	-28	-31	4				
03 UNL 40	1009.2	ENE	3	-27	-27	-33	8			
04 UNL 40	1007.6	CALM	-24	-24	-30	8				
05 UNL 20	1019.4	M	11	-11	-12	-18	8			
06 UNL 40	1020.8	M	23	-11	-11	-17	1			
07 UNL 40	1021.7	NE	3	-23	-23	-29	0			
08 UNL 40	1022.4	E	3	-30	-30	-37	3			
09 UNL 15	1017.9	ESE	4	-33	-33	-39	0			
10 UNL 15	1017.4	ENE	6	-22	-22	-27	0			
11 UNL 15	1027.5	ENE	6	-25	-25	-30	3			
12 UNL 15	1023.4	E	4	-28	-28	-36	0			
13 70 10	1023.9	NNE	3	-14	-14	-18	10			
14 40 7	1016.1	E	4	-22	-22	-26	10			
15 UNL 10	1023.2	CALM	-32	-32	-38	0				
16 UNL 40	1033.4	E	3	-33	-33	-36	0			
17 UNL 40	1029.6	CALM	-39	-39	-40	0				
18 UNL 40	1020.2	CALM	-39	-39	-40	0				
19 UNL 40	1016.1	CALM	-29	-29	-35	0				
20 UNL 40	1013.4	E	6	-33	-33	-39	0			
21 UNL 40	1009.5	E	3	-34	-34	-41	0			
22 UNL 10	1006.2	E	8	-36	-36	-41	0			
23 UNL 10	1018.7	NNE	3	-23	-23	-29	7			
24 UNL 40	1018.7	E	10	-30	-30	-36	0			
25 UNL 40	1021.0	E	4	-44	-44	-44	0			
26 UNL 20	1028.7	E	3	-43	-43	-43	0			
27 80 40	1024.9	ESE	14	-24	-24	-28	10			
28 UNL 40	1035.7	NNE	2	-29	-29	-35	0			
29 UNL 40	1030.6	CALM	-38	-38	-38	0				
30 UNL 15	1030.7	E	4	-37	-37	-37	0			

AVG 1020.1 4 -29 3

EUREKA NMT  
NOVEMBER 1971 0400 EST

01 UNL 40	1005.1	ENE	3	-25	-25	-27	10			
02 UNL 40	1006.3	NE	2	-28	-28	-34	4			
03 UNL 40	1008.9	CALM	-27	-27	-35	8				
04 UNL 30	1006.4	NE	2	-22	-22	-27	9			
05 UNL 20	1021.4	M	10	-11	-11	-17	10			
06 UNL 40	1019.0	NNE	25	-11	-11	-16	0			
07 UNL 40	1023.0	NNE	5	-27	-27	-32	0			
08 UNL 40	1021.8	CALM	-32	-32	-38	0				
09 UNL 15	1016.0	ESE	7	-32	-32	-38	0			
10 UNL 15	1019.7	CALM	-25	-25	-30	0				
11 130 15	1027.5	E	5	-24	-24	-29	7			
12 UNL 15	1024.0	ENE	2	-29	-29	-35	3			
13 UNL 10	1023.5	NNE	4	-15	-15	-20	2			
14 25 7	1015.2	E	8	-21	-21	-25	10			
15 UNL 10	1025.6	E	3	-33	-33	-39	0			
16 UNL 40	1033.7	CALM	-33	-33	-40	0				
17 UNL 40	1029.0	ENE	4	-38	-38	-40	0			
18 UNL 40	1018.2	E	3	-38	-38	-40	0			
19 UNL 40	1013.2	E	10	-35	-35	-38	0			
20 UNL 40	1013.2	E	10	-35	-35	-38	0			
21 UNL 40	1003.0	CALM	-33	-33	-39	0				
22 UNL 10	1006.1	E	10	-36	-36	-40	0			
23 90 10	1018.7	M	18	-17	-17	-23	10			
24 UNL 40	1019.4	E	9	-33	-33	-42	0			
25 UNL 40	1021.2	ESE	2	-41	-41	-41	0			
26 UNL 30	1028.7	ESE	6	-41	-41	-41	7			
27 80 40	1035.0	ESE	10	-22	-22	-28	8			
28 UNL 40	1035.2	SE	9	-32	-32	-36	0			
29 UNL 40	1030.8	CALM	-37	-37	-37	0				
30 UNL 15	1030.4	ENE	2	-38	-38	-38	0			

AVG 1020.3 5 -29 3

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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EUREKA NMT  
NOVEMBER 1971 0700 EST

01 UNL 40	1004.9	E	3	-27	-26	-30	10			
02 UNL 40	1006.8	NE	3	-29	-29	-35	3			
03 UNL 40	1009.1	CALM	-27	-27	-33	5				
04 UNL 30	1009.4	ENE	3	-20	-20	-25	9			
05 UNL 20	1022.1	M	9	-10	-10	-16	10			
06 UNL 40	1018.9	NNE	17	-12	-12	-19	0			
07 UNL 40	1023.5	NNE	3	-31	-31	-34	3			
08 UNL 15	1021.3	E	3	-32	-32	-38	0			
09 UNL 15	1014.1	ENE	6	-28	-28	-36	0			
10 UNL 15	1021.8	E	5	-26	-26	-32	0			
11 150 15	1026.8	E	4	-22	-22	-27	8			
12 UNL 15	1023.7	ENE	3	-27	-27	-31	5			
13 UNL 15	1025.2	NNE	7	-21	-21	-26	0			
14 UNL 6	1015.1	E	4	-23	-23	-27	3			
15 UNL 5	1027.2	ESE	6	-34	-34	-38	0			
16 UNL 40	1033.3	CALM	-34	-34	-40	0				
17 UNL 15	1028.2	ENE	2	-38	-38	-40	0			
18 UNL 40	1017.5	CALM	-38	-38	-40	0				
19 UNL 40	1015.1	NNE	2	-33	-33	-42	0			
20 UNL 40	1012.4	E	7	-33	-33	-39	0			
21 UNL 15	1001.9	NE	5	-36	-36	-40	0			
22 UNL 40	1008.0	E	10	-27	-27	-33	0			
23 UNL 40	1017.7	ESE	6	-34	-34	-38	0			
24 UNL 40	1019.1	NNE	3	-34	-34	-43	0			
25 UNL 40	1022.4	E	6	-45	-45	-45	0			
26 UNL 10	1030.6	E	6	-38	-38	-40	0			
27 80 40	1034.7	ESE	18	-22	-22	-28	7			
28 UNL 40	1034.8	NE	10	-35	-35	-41	0			
29 UNL 15	1030.2	E	7	-39	-39	-40	0			
30 UNL 15	1030.7	E	5	-39	-39	-40	0			

AVG 1020.2 5 -30 2

EUREKA NMT  
NOVEMBER 1971 1000 EST

01 UNL 40	1004.7	E	4	-25	-26	-33	10			
02 UNL 40	1007.3	E	3	-27	-27	-31	8			
03 UNL 40	1008.6	NNE	4	-25	-25	-33	8			
04 UNL 30	1010.7	E	3	-19	-19	-26	8			
05 UNL 40	1023.1	NNE	19	-10	-10	-16	2			
06 UNL 40	1017.3	N	4	-12	-12	-16	3			
07 180 40	1023.1	E	6	-28	-28	-32	9			
08 UNL 40	1021.0	NNE	3	-33	-33	-46	0			
09 UNL 10	1013.3	E	7	-26	-26	-31	1			
10 UNL 40	1023.3	ENE	2	-26	-26	-30	3			
11 90 15	1025.7	E	5	-22	-22	-26	8			
12 120 15	1023.0	ENE	4	-24	-24	-27	10			
13 UNL 40	1024.9	ESE	2	-23	-23	-29	1			
14 UNL 11/2IF	1013.9	E	4	-22	-22	-26	4			
15 UNL 15	1028.4	ESE	3	-28	-28	-34	1			
16 UNL 40	1032.8	NE	2	-34	-34	-40	0			
17 UNL 40	1027.7	ENE	2	-38	-38	-40	0			
18 UNL 40	1015.5	E	5	-39	-39	-40	0			
19 UNL 40	1013.9	E	6	-33	-33	-36	0			
20 UNL 40	1011.5	E	4	-33	-33	-39	0			
21 UNL 40	1001.0	ENE	3	-36	-36	-40	0			
22 UNL 10	1009.6	CALM	-35	-35	-39	0				
23 UNL 40	1017.9	SE	7	-27	-27	-33	5			
24 UNL 40	1019.1	NE	6	-38	-38	-40	0			
25 UNL 40	1023.3	E	3	-44	-44	-44	0			
26 UNL 40	1031.6	E	4	-37	-37	-37	0			
27 80 40	1034.4	ESE	16	-22	-22	-27	10			
28 UNL 40	1033.8	E	5	-37	-37	-40	0			
29 UNL 15	1030.2	NNE	5	-36	-36	-40	2			
30 UNL 15	1030.2	CALM	-37	-37	-37	3				

AVG 1020.0 5 -29 4

Date	Calling (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heaviness)
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EUREKA NMT  
NOVEMBER 1971 1300 EST

01 UNL 40	1004.9	NE	2	-25	-25	-31	9			
02 UNL 40	1007.9	NE	5	-29	-29	-35	8			
03 UNL 40	1008.3	NNE	3	-26	-27	-34	8			
04 UNL 40	1012.6	CALM	-19	-19	-26	8				
05 150 40	1022.2	NNE	7	-9	-9	-15	10			
06 UNL 40	1016.5	NNE	10	-12	-13	-18	0			
07 100 40	1022.6	E	10	-22	-22	-28	9			
08 UNL 40	1021.0	NNE	6	-35	-35	-44	0			
09 UNL 40	1017.5	E	7	-30	-30	-36	1			
10 UNL 20	1025.0	NNE	2	-25	-25	-29	9			
11 80 10	1024.0	E	3	-24	-24	-34	7			
12 100 10	1022.7	ENE	4	-21	-21	-27	10			
13 UNL 40	1023.5	E	7	-26	-26	-34	3			
14 90 11/2IF	1014.9	E	12	-21	-21	-25	7			
15 UNL 15	1030.7	E	5	-29	-29	-33	2			
16 UNL 40	1032.4	E	4	-34	-34	-40	0			
17 UNL 15	1024.7	ENE	2	-39	-39	-40	0			
18 UNL 40	1015.3	E	10	-35	-35	-42	0			
19 UNL 40	1013.6	E	5	-33	-33	-39	1			
20 UNL 40	1010.1	E	6	-35	-35	-41	0			
21 UNL 40	1000.6	E	7	-36	-36	-40				



## SYNOPTIC OBSERVATIONS

## EUREKA

Date	Ceiling (100' ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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EUREKA  
DECEMBER 1971 0100 EST

01 UNL 15	1027.3	ENE	2	-37	4		
02 UNL 15	1023.3	NE	4	-29	-29	-34	10
03 UNL 15	1018.3	E	5	-37	0		
04 UNL 15	1020.6	E	4	-49	0		
05 UNL 15	1016.8	NNE	6	-44	1		
06 UNL 15	1013.0	CALM	2	-47	3		
07 UNL 15	1012.3	NNE	2	-46	0		
08 UNL 15	1011.1	E	8	-38	8		
09 40 15	1012.5	E	12	-33	-33	-39	10
10 30 10	1021.7	CALM	-37	10			
11 UNL 15	1029.9	NNE	6	-43	0		
12 UNL 15	1028.1	CALM	-40	5			
13 UNL 15	1023.8	ESE	11	-32	-32	-38	2
14 UNL 15	1022.7	CALM	-38	0			
15 UNL 15	1019.5	CALM	-46	0			
16 UNL 10	1020.0	ENE	9	-48	0		
17 UNL 10	1014.5	E	7	-44	0		
18 UNL 15	1005.1	ENE	5	-40	0		
19 UNL 15	1001.4	SSE	2	-50	0		
20 UNL 10	1005.8	CALM	-50	0			
21 UNL 10	1010.1	ESE	2	-52	0		
22 UNL 15	1020.7	CALM	-51	0			
23 UNL 10	1018.4	NNE	4	-41	0		
24 UNL 15	1009.4	ESE	11	-35	-35	-41	6
25 UNL 15	1010.7	CALM	-45	0			
26 UNL 15	1016.8	E	4	-50	0		
27 UNL 15	1002.9	ESE	6	-47	0		
28 UNL 10	994.3	ESE	12	-37	9		
29 140 7	1001.9	ESE	15	-26	-27	-34	10
30 40 1/8BS	1001.4	SSE	23	-18	-18	-23	10
31 70 7	1002.3	SE	16	-22	-22	-27	10
AVG	1014.1		6	-40			3

EUREKA  
DECEMBER 1971 0400 EST

01 UNL 15	1026.8	ESE	2	-36	5		
02 UNL 10	1023.0	E	3	-28	-28	-32	10
03 UNL 15	1018.7	E	4	-40	0		
04 UNL 15	1020.8	NNE	2	-48	0		
05 UNL 15	1016.5	CALM	-46	0			
06 UNL 15	1013.0	NNE	5	-45	3		
07 UNL 15	1011.6	CALM	-44	0			
08 UNL 15	1011.7	NNE	3	-34	-34	-35	8
09 UNL 15	1013.6	E	10	-34	-34	-40	8
10 UNL 10	1023.5	CALM	-39	4			
11 UNL 15	1029.5	NNE	6	-43	0		
12 UNL 15	1028.0	NE	3	-38	0		
13 UNL 15	1023.7	ESE	13	-36	0		
14 UNL 15	1023.2	E	8	-39	0		
15 UNL 10	1019.4	ESE	3	-48	0		
16 UNL 10	1020.3	E	3	-48	0		
17 UNL 15	1013.7	NE	2	-44	0		
18 UNL 15	1004.2	CALM	-42	0			
19 UNL 15	1001.9	NNE	5	-44	0		
20 UNL 10	1006.4	NE	2	-51	0		
21 UNL 10	1011.6	E	5	-53	0		
22 UNL 15	1021.9	ENE	2	-49	0		
23 UNL 10	1017.9	CALM	-43	0			
24 UNL 15	1009.7	ESE	10	-37	3		
25 UNL 15	1011.5	CALM	-45	0			
26 UNL 15	1001.7	E	3	-48	0		
27 UNL 15	1000.9	ESE	8	-49	0		
28 UNL 10	997.9	ESE	14	-35	-35	-42	9
29 140 7	1002.5	ESE	16	-27	-27	-32	10
30 40 1/8BS	1002.7	ESE	25	-20	-20	-26	9
31 UNL 15	1004.7	ESE	11	-23	-23	-27	6
AVG	1014.5		5	-41			2

EUREKA  
DECEMBER 1971 0700 EST

01 UNL 15	1026.1	E	3	-39	5		
02 UNL 15	1022.3	NNE	7	-33	-33	-39	6
03 UNL 15	1018.3	ESE	3	-40	0		
04 UNL 15	1020.5	CALM	6	-49	0		
05 UNL 15	1016.0	ESE	6	-43	0		
06 UNL 15	1013.2	E	5	-45	0		
07 UNL 15	1010.8	E	4	-44	0		
08 UNL 10	1011.5	ENE	4	-31	-31	-40	7
09 UNL 15	1014.7	E	13	-34	-34	-48	4
10 UNL 10	1025.0	NNE	6	-41	0		
11 UNL 15	1029.6	NNE	6	-43	0		
12 UNL 15	1027.6	ENE	3	-39	0		
13 UNL 15	1024.1	ENE	5	-38	0		
14 UNL 15	1023.3	E	8	-38	0		
15 UNL 10	1018.8	CALM	-46	0			
16 UNL 15	1019.7	CALM	-47	0			
17 UNL 15	1013.2	NE	4	-45	0		
18 UNL 15	1003.0	E	3	-44	0		
19 UNL 8	1002.7	NE	4	-44	0		
20 UNL 10	1006.6	NNE	8	-50	0		
21 UNL 10	1012.9	E	7	-51	0		
22 UNL 15	1022.4	CALM	-50	0			
23 UNL 10	1016.1	CALM	-44	0			
24 UNL 15	1009.4	E	9	-41	0		
25 UNL 15	1011.6	CALM	-46	0			
26 UNL 15	1017.3	NNE	6	-46	1		
27 UNL 15	998.6	E	8	-46	0		
28 UNL 15	1000.7	ESE	12	-35	-35	-42	6
29 100 4 BS	1003.4	ESE	15	-25	-25	-31	10
30 40 1/8BS	1003.1	ESE	24	-21	-21	-26	9
31 UNL 15	1005.7	ESE	13	-23	-23	-29	7
AVG	1014.5		6	-41			2

EUREKA  
DECEMBER 1971 1000 EST

01 UNL 15	1026.0	E	4	-37	7		
02 UNL 15	1021.2	NNE	5	-32	-32	-38	8
03 UNL 15	1018.5	M	3	-45	0		
04 UNL 15	1020.2	E	5	-50	0		
05 UNL 15	1015.3	NNE	2	-43	4		
06 UNL 15	1012.9	CALM	-46	0			
07 UNL 15	1009.2	E	4	-41	8		
08 UNL 10	1010.6	NNE	1	-31	-31	-32	5
09 100 15	1015.4	ESE	10	-34	-34	-43	8
10 UNL 15	1026.2	NNE	8	-43	0		
11 UNL 15	1029.4	NNE	4	-40	3		
12 UNL 15	1026.7	E	5	-39	0		
13 UNL 15	1023.4	ENE	5	-41	2		
14 UNL 15	1022.8	E	7	-39	0		
15 UNL 10	1018.7	E	2	-47	0		
16 UNL 15	1018.9	E	7	-50	0		
17 UNL 15	1011.9	ENE	3	-43	0		
18 UNL 15	1001.4	CALM	-43	0			
19 UNL 10	1002.7	E	4	-44	0		
20 UNL 10	1006.8	CALM	-52	0			
21 UNL 10	1014.4	NNE	1	-50	0		
22 UNL 15	1022.1	CALM	-46	0			
23 UNL 10	1013.9	E	9	-44	5		
24 UNL 15	1009.7	E	7	-42	0		
25 UNL 15	1012.0	E	4	-49	0		
26 UNL 15	1016.1	NNE	5	-46	1		
27 UNL 15	995.6	E	2	-46	0		
28 UNL 15	1001.2	CALM	4	-35	-35	-42	10
29 100 3/4S-BS	1003.6	ESE	18	-24	-24	-25	10
30 40 1 BS	1002.3	ESE	24	-19	-19	-24	7
31 UNL 15	1007.3	ESE	11	-21	-21	-26	7
AVG	1014.1		5	-41			3

EUREKA  
DECEMBER 1971 1300 EST

01 80 15	1025.7	E	5	-32	-32	-36	10
02 UNL 15	1020.5	CALM	5	-34	-34	-43	3
03 UNL 15	1018.8	NNE	5	-44	0		
04 UNL 15	1019.5	E	6	-49	0		
05 UNL 15	1014.7	CALM	6	-43	0		
06 UNL 15	1013.3	E	8	-45	0		
07 UNL 15	1008.2	E	8	-38	4		
08 80 10	1010.5	M	10	-28	-28	-34	10
09 100 15	1016.0	SE	10	-33	-33	-39	10
10 UNL 15	1027.3	NNE	10	-45	0		
11 UNL 15	1029.0	CALM	-43	0			
12 UNL 15	1025.6	E	9	-37	4		
13 100 15	1022.9	NNE	5	-40	7		
14 UNL 15	1022.1	ENE	6	-42	0		
15 UNL 10	1018.6	E	4	-46	0		
16 UNL 15	1018.5	E	7	-48	0		
17 UNL 15	1010.7	CALM	-43	0			
18 UNL 15	1000.9	CALM	-42	0			
19 UNL 10	1003.2	ENE	2	-45	2		
20 UNL 10	1008.9	CALM	-53	0			
21 UNL 15	1015.4	CALM	6	-42	0		
22 UNL 10	1022.2	E	4	-42	5		
23 90 10	1011.8	ESE	4	-38	6		
24 UNL 15	1009.9	ENE	9	-45	0		
25 UNL 15	1013.0	ESE	7	-48	0		
26 UNL 15	1014.3	CALM	-48	1			
27 UNL 15	991.6	CALM	-47	8			
28 UNL 15	1000.6	ESE	15	-33	-33	-39	10
29 100 1/2S-BS	1003.3	ESE	20	-24	-24	-25	10
30 10 1 BS	1001.2	ESE	13	-19	-19	-25	10
31 UNL 15	1008.6	S	8	-21	-21	-28	7
AVG	1013.7		6	-40			4

EUREKA  
DECEMBER 1971 1600 EST

01 UNL 15	1025.3	ENE	3	-30	-29	-33	6
02 UNL 10	1019.8	NNE	15	-24	-24	-28	7
03 UNL 15	1019.9	E	6	-48	0		
04 UNL 15	1019.1	NE	2	-47	0		
05 UNL 15	1014.4	N	5	-42	0		
06 UNL 15	1013.5	NNE	5	-46	2		
07 UNL 15	1008.2	E	10	-36	0		
08 UNL 15	1010.5	WSW	7	-30	-30	-38	2
09 UNL 10	1017.5	ENE	4	-35	-35	-38	7
10 UNL 15	1028.1	NNE	8	-45	0		
11 UNL 15	1029.2	E	4	-38	0		
12 UNL 15	1025.2	ESE	11	-37	5		
13 UNL 15	1023.3	ENE	5	-38	0		
14 UNL 15	1021.9	SSW	2	-42	0		
15 UNL 10	1019.2	CALM	-45	0			
16 UNL 15	1017.9	E	5	-46	0		
17 UNL 15	1010.1	CALM	-42	0			
18 UNL 15	1000.6	ENE	2	-43	0		
19 UNL 10	1004.0	NNE	2	-47	0		
20 UNL 10	1007.9	ENE	3	-51	0		
21 UNL 15	1017.4	E	3	-50	0		
22 UNL 8	1021.6	CALM	-40	7			
23 90 10	1010.9	E	4	-36	10		
24 UNL 15	1010.2	ENE	1	-45	0		
25 UNL 15	1014.4	CALM	-48	0			
26 UNL 15	1012.5	CALM	-50	1			
27 UNL 15	988.8	NNE	3	-46	8		
28 100 4	1000.6	ESE	15	-30	-30	-31	10
29 40 1/8S-BS	1002.8	SE	20	-21	-21	-24	10
30 30 5 BS	1000.5	SE	16	-19	-19	-24	10
31 UNL 15	1010.1	S	3	-21	-21	-27	4
AVG	1013.7		5	-39			3

EUREKA  
DECEMBER 1971 1900 EST

01 UNL 15	1024.9	E	5	-31	-31	-37	7
02 UNL 15	1019.4	NNE	5	-26	-26	-31	7
03 UNL 15	1020.2	E	3	-48	0		
04 UNL 15	1018.2	NNE	1	-46	0		
05 UNL 15	1013.8	CALM	-42	0			
06 UNL 15	1013.3	E	3	-45	2		
07 200 15	1008.9	N	7	-30	-30	-36	10
08 90 15	1010.9	E	9	-31	-31	-37	8
09 30 10	1018.7	ESE	4	-35	-35	-41	8
10 UNL 15	1028.5	NE	5	-45	0		
11 UNL 15	1029.0	E	2	-41	0		
12 20 10	1024.5	ESE	11	-30	-30	-36	8
13 UNL 15	1023.2	ENE	3	-40			

## SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NMT  
JULY 1971 0200 MST

01 UML 10	1013.3	NNW	10	39	37	34	6			
02 UML 10	1012.1	N	5	41	38	33	2			
03 UML 10	1011.3	N	9	43	39	33	9			
04 UML 10	1010.7	N	16	39	36	31	6			
05 UML 10	1014.9	NNE	20	42	39	34	1			
06 20 9	1013.5	SSW	13	36	35	34	9			
07 2 9	1015.5	NNW	15	31	31	31	10			
08 200 1	1018.9	NNW	18	31	31	30	7			
09 5 8	1017.9	NNW	15	33	33	30	9			
10 5 10	1012.8	NNW	7	33	32	31	10			
11 40 10	1012.6	NNE	3	35	34	32	10			
12 20 10	1009.8	E	10	37	36	33	10			
13 15 10	1006.5	NE	5	42	38	36	10			
14 20 10	1010.3	ENE	11	40	40	39	10			
15 UML 10	1010.7	ENE	9	48	42	35	1			
16 120 10	1013.8	SSW	3	40	38	35	7			
17 80 10	1011.4	ESE	17	43	39	35	10			
18 10 10	1010.9	SSE	11	37	36	35	10			
19 20 10	1014.0	SE	5	39	37	35	9			
20 80 10	1017.6	NNE	10	39	38	37	9			
21 UML 10	1021.4	NNW	16	38	36	34	3			
22 6 2	1020.9	ENE	9	35	35	35	10			
23 15 8	1017.5	ENE	9	48	42	35	1			
24 10 8	1020.3	ESE	7	36	35	33	10			
25 30 10	1018.0	SSE	10	39	37	35	9			
26 3 7	1017.5	WSW	12	33	32	31	10			
27 UML 10	1016.3	SSW	1	38	36	32	2			
28 60 10	1007.7	SSE	1	38	37	37	10			
29 4 1	1009.4	SW	6	35	35	35	10			
30 UML 10	1005.0	ESE	12	45	43	40	8			
31 70 10	1003.6	SE	6	40	38	35	10			
AVG	1013.6		10	38	36	34	8			

ISACHSEN NMT  
JULY 1971 0500 MST

01 UML 10	1012.9	N	8	37	35	32	7			
02 UML 10	1011.7	NNW	20	42	38	33	1			
03 UML 10	1011.3	N	5	47	40	32	6			
04 UML 10	1010.4	NNE	17	40	36	32	6			
05 UML 10	1015.1	N	20	44	39	32	4			
06 15 10	1012.2	N	3	37	36	34	10			
07 4 10	1016.8	NW	21	34	32	30	10			
08 UML 2	1018.5	NW	20	32	32	32	7			
09 5 8	1017.8	NW	17	32	32	31	9			
10 5 6	1012.1	NNW	14	33	33	33	10			
11 45 10	1012.7	S	2	35	34	32	9			
12 15 10	1009.3	ENE	10	39	36	32	10			
13 23 10	1006.4	ENE	10	39	37	34	10			
14 UML 10	1011.0	ENE	12	43	42	40	8			
15 UML 10	1010.3	N	5	41	44	36	1			
16 45 10	1014.8	SE	4	42	37	30	10			
17 30 8	1010.5	ESE	14	41	39	37	10			
18 6 7	1011.0	S	16	36	36	36	10			
19 20 9	1014.6	ESE	13	40	38	35	10			
20 10 8	1018.6	N	10	37	37	36	10			
21 30 10	1022.1	N	16	40	38	35	8			
22 7 8	1021.1	N	11	36	36	34	10			
23 5 10	1022.6	WSW	5	34	33	31	10			
24 1 1/4F	1020.4	S	7	35	35	35	10			
25 25 10	1017.8	SSW	8	38	36	33	9			
26 2 1/4L-F	1017.8	WSW	10	33	33	33	10			
27 UML 10	1016.3	SE	6	43	40	35	3			
28 0 1/8F	1007.6	SW	12	39	39	35	10			
29 65 7	1009.3	N	1	35	35	35	8			
30 UML 10	1005.5	ESE	10	47	44	41	9			
31 40 10	1003.5	SE	16	42	39	35	9			
AVG	1013.6		11	39	37	34	8			

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NMT  
JULY 1971 0800 MST

01 UML 10	1012.7	N	9	43	40	36	5			
02 UML 10	1011.2	NNW	20	41	37	33	7			
03 UML 10	1011.3	N	1	49	43	36	5			
04 UML 10	1010.5	NNE	17	42	38	33	5			
05 UML 10	1015.3	N	23	45	42	38	4			
06 5 2	1011.6	NW	19	37	35	33	10			
07 4 10	1017.8	NNW	20	36	34	32	10			
08 5 5	1016.5	NNW	20	35	34	33	10			
09 100 10	1016.8	NNW	18	36	34	31	8			
10 3 1/2L-F	1011.5	NNW	10	33	33	33	10			
11 80 10	1012.5	S	7	38	36	33	9			
12 15 10	1009.1	ENE	8	41	38	34	9			
13 25 10	1006.1	ENE	15	40	38	35	10			
14 80 10	1011.2	E	18	47	44	41	9			
15 UML 10	1009.7	NW	8	52	45	37	1			
16 180 10	1015.1	SSE	12	45	41	37	9			
17 10 8	1009.5	ESE	21	41	39	37	10			
18 5 7	1011.6	S	11	35	35	35	10			
19 12 10	1015.2	SE	8	43	41	40	9			
20 20 8	1018.8	NNE	17	39	38	37	9			
21 10 10	1022.2	M	12	39	37	33	9			
22 6 8	1022.4	N	10	37	37	36	10			
23 15 10	1022.5	ENE	3	35	34	33	10			
24 1 3/4F	1020.1	SW	10	34	34	34	10			
25 UML 10	1017.3	SSE	2	39	37	34	7			
26 3 8	1017.0	SW	11	34	34	34	10			
27 250 10	1014.8	SE	12	46	42	38	8			
28 6 1	1007.9	SSW	8	34	34	34	10			
29 2 1/2F	1008.3	E	2	35	35	35	10			
30 160 10	1003.6	ESE	15	48	44	41	9			
31 40 10	1003.9	SSE	8	42	39	36	9			
AVG	1013.4		12	40	38	35	8			

ISACHSEN NMT  
JULY 1971 1100 MST

01 UML 10	1012.0	NNW	10	46	41	35	3			
02 UML 10	1010.8	N	18	41	38	33	6			
03 UML 10	1011.1	NNW	6	53	45	37	5			
04 UML 10	1010.8	NNE	21	46	41	35	7			
05 UML 10	1015.8	N	25	49	45	40	6			
06 6 3	1011.4	NW	16	36	35	34	10			
07 4 10	1018.7	NW	21	35	34	32	10			
08 8 7	1018.4	NNW	23	37	35	33	10			
09 UML 10	1016.6	NNW	22	39	36	32	8			
10 8 7	1011.4	NW	14	34	34	33	10			
11 35 10	1012.0	NNW	3	40	37	33	9			
12 20 10	1008.5	ENE	10	44	40	34	9			
13 25 10	1006.3	ENE	14	42	41	39	10			
14 90 10	1011.5	E	17	45	43	37	8			
15 UML 10	1009.7	NW	11	53	44	34	1			
16 UML 10	1015.3	S	15	50	43	35	10			
17 10 6	1008.8	SSE	11	39	39	38	10			
18 8 8	1012.2	SSW	11	37	35	33	10			
19 18 8	1015.4	ESE	7	43	41	38	9			
20 15 10	1018.8	N	18	42	40	38	9			
21 10 10	1022.1	NNW	10	40	37	33	10			
22 5 10	1022.4	NNW	10	38	38	36	10			
23 5 5	1021.5	CALM	3	37	36	34	10			
24 4 10	1020.2	SSW	4	35	34	33	10			
25 35 10	1017.8	SSW	6	43	40	36	9			
26 4 8	1016.3	WSW	13	36	35	35	10			
27 20 10	1012.8	SSE	23	51	45	39	10			
28 10 11/2F	1008.4	ESE	7	38	38	38	10			
29 7 8	1007.2	ESE	8	43	42	41	10			
30 100 10	1003.0	SE	19	49	42	34	9			
31 15 6	1004.0	SSW	8	41	40	38	10			
AVG	1013.2		13	42	39	36	9			

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NMT  
JULY 1971 1400 MST

01 UML 10	1012.3	N	15	47	42	36	1			
02 200 10	1010.7	N	14	39	37	33	7			
03 UML 10	1011.2	NNW	11	54	46	39	4			
04 UML 10	1011.6	NNE	25	48	42	35	9			
05 UML 10	1015.9	NW	16	49	44	39	6			
06 4 3	1011.6	NW	17	36	36	35	10			
07 5 10	1019.7	NNW	18	36	34	31	10			
08 8 10	1018.5	NNW	25	37	35	33	9			
09 UML 10	1016.0	NNW	26	40	37	32	9			
10 10 10	1011.5	NW	12	35	34	33	10			
11 35 10	1011.6	SSE	8	43	40	36	9			
12 20 10	1007.9	ENE	13	46	40	34	9			
13 15 8	1007.0	ENE	18	42	41	40	10</			

## SYNOPTIC OBSERVATIONS

CLYDE

Date	Cloud (100% A)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea Cover (percent)
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Date	Cloud (100% A)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea Cover (percent)
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Date	Cloud (100% A)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea Cover (percent)
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Date	Cloud (100% A)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea Cover (percent)
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CLYDE  
AUGUST 1971 0100 EST

01 UNL 15	1008.5 CALM	31	30	28	1	
02 UNL 15	1007.0 NE 6	36	36	35	3	
03 15 12	1009.5 N 5	39	38	37	10	
04 UNL 15	1014.8 CALM	34	34	33	1	
05 45 15	1005.1 S 12	54	47	41	10	
06 20 12	1008.9 NW 12	36	35	33	10	
07 UNL 15	1007.1 CALM	34	32	30	0	
08 50 15	1001.6 S 14	45	42	39	9	
09 UNL 15	1005.2 S 7	44	41	37	6	
10 50 15	1003.4 CALM	52	47	42	10	
11 20 15	1007.5 S 3	33	33	31	10	
12 30 15	1003.8 E 22	35	33	30	10	
13 5 6	R- 976.0 E 11	34	34	33	10	
14 UNL 15	1000.1 SW 28	38	33	25	1	
15 UNL 15	998.2 CALM	36	32	25	6	
16 15 15	1003.6 NE 4	32	31	29	10	
17 UNL 15	1005.7 CALM	29	29	28	4	
18 20 15	1009.8 CALM	35	34	32	9	
19 UNL 15	1013.0 CALM	32	31	30	10	
20 25 15	1013.4 CALM	35	34	32	10	
21 9 6	R- 1016.1 NW 9	33	33	32	10	
22 10 8	S- 1016.7 N 6	32	31	31	10	
23 UNL 15	1003.7 W 1	33	31	29	6	
24 180 15	1013.4 S 5	40	37	32	8	
25 30 15	1005.5 SW 25	44	40	35	7	
26 10 12	R- 1003.5 NNW 7	38	37	36	10	
27 30 15	1005.0 NW 10	37	35	33	9	
28 10 8	R- 1006.4 NNW 8	35	35	34	10	
29 8 10	1005.9 N 11	33	32	31	10	
30 0	1/8F 1004.9 CALM	30	30	29	10	
31 0	1/8F 999.8 CALM	31	31	31	10	
AVG	1006.3	7	37	35	32	8

CLYDE  
AUGUST 1971 0700 EST

01 UNL 15	1008.7 SW 2	33	33	32	0	
02 100 15	1007.6 N 7	43	42	40	9	
03 20 15	1011.3 CALM	41	39	38	10	
04 UNL 15	1013.9 SE 3	38	36	34	4	
05 40 15	1003.1 SSM 16	49	45	41	10	
06 40 15	1008.7 NW 7	36	35	33	10	
07 UNL 15	1006.0 CALM	38	37	34	3	
08 40 15	1002.1 S 12	50	44	38	9	
09 45 15	1003.3 S 15	50	45	40	10	
10 10 10	1007.5 NNE 6	37	37	36	10	
11 20 10	1007.1 N 5	38	35	31	9	
12 20 10	1000.9 N 5	37	35	32	9	
13 9 8	F 976.1 SSE 10	32	32	32	10	
14 UNL 15	1003.7 SSM 20	39	34	26	1	
15 230 15	998.6 N 6	38	34	28	7	
16 30 15	1004.8 N 3	32	31	29	10	
17 40 15	1006.3 CALM	33	32	30	10	
18 30 15	1011.2 W 3	36	35	34	10	
19 UNL 15	1014.8 NW 6	34	33	31	2	
20 30 15	1015.6 NW 7	35	34	32	10	
21 20 15	1017.3 NW 9	33	32	30	10	
22 10 15	1016.2 NW 8	33	32	30	10	
23 210 15	1013.7 E 2	40	35	29	8	
24 30 15	S- 1012.9 SSE 6	46	37	23	10	
25 20 15	1003.3 SW 21	44	40	36	10	
26 8 6	R-F 1004.5 NW 8	37	35	33	10	
27 6 6	R-F 1005.1 NW 15	37	36	35	10	
28 5 5	1/2F 1006.9 N 6	34	34	34	10	
29 5 6	F 1006.1 NW 5	33	33	32	10	
30 3	1/2F 1004.8 CALM	31	31	30	10	
31 220 15	995.9 SSW 12	44	41	38	9	
AVG	1006.4	7	38	36	33	8

CLYDE  
AUGUST 1971 1300 EST

01 UNL 15	1007.8 W 2	39	37	34	0	
02 80 15	1007.6 N 14	45	42	39	8	
03 20 15	1012.3 CALM	42	40	38	9	
04 250 15	1010.8 SSE 12	55	49	42	9	
05 70 12	1005.6 NW 14	44	41	38	10	
06 40 15	1008.1 NNW 10	37	36	35	10	
07 UNL 15	1003.8 W 3	45	41	35	3	
08 UNL 15	1002.1 SW 10	55	46	38	5	
09 100 15	1001.3 S 17	52	46	40	9	
10 15 15	1007.3 NNE 6	38	37	35	10	
11 90 15	1006.0 ESE 14	40	37	33	10	
12 0	3/4F 995.1 SE 6	33	32	32	10	
13 25 15	976.1 S 14	44	40	35	9	
14 UNL 15	1002.0 SSM 6	46	40	33	2	
15 230 15	999.1 N 8	43	35	22	9	
16 35 15	1005.0 N 9	36	34	31	6	
17 30 15	1007.7 N 7	36	34	32	10	
18 30 15	1012.3 NNW 10	37	36	33	10	
19 UNL 15	1014.6 NNW 6	40	36	30	2	
20 15 8	1015.6 NW 11	36	34	31	10	
21 7 6	S-F 1016.9 N 13	33	33	33	10	
22 UNL 15	1013.9 S 9	39	35	28	1	
23 230 15	1014.5 CALM	45	39	31	8	
24 30 15	1008.1 SW 22	44	39	32	9	
25 30 15	R- 1001.8 E 4	49	44	32	10	
26 5 5	R-F 1004.5 NNW 13	38	36	33	10	
27 8 4	R-F 1005.5 N 15	38	37	35	10	
28 50 15	1006.7 N 6	40	36	31	8	
29 10 12	1005.2 NNW 3	37	35	33	10	
30 10 12	1003.8 E 2	35	34	33	10	
31 80 15	991.8 SSW 27	43	38	31	10	
AVG	1005.7	9	41	38	34	8

CLYDE  
AUGUST 1971 1900 EST

01 UNL 15	1007.1 CALM	45	42	39	3	
02 10 8	R- 1008.8 NNE 8	40	39	38	10	
03 120 15	1014.7 CALM	39	38	37	7	
04 120 15	1008.1 S 12	58	49	39	10	
05 20 6	R-F 1008.9 N 10	37	36	35	10	
06 UNL 15	1007.5 SW 4	39	35	29	1	
07 UNL 15	1003.0 N 3	49	44	38	2	
08 UNL 15	1005.2 E 3	50	45	39	6	
09 160 15	1001.2 SSW 20	55	48	40	8	
10 15 12	1008.1 NE 6	34	33	32	10	
11 40 15	1005.6 ESE 24	39	36	31	10	
12 2 2	R-F 984.4 NE 14	36	36	35	10	
13 UNL 15	990.8 SW 27	40	36	30	3	
14 30 15	999.8 NE 4	41	36	29	6	
15 30 15	1002.1 N 8	37	35	33	10	
16 UNL 15	1005.7 NNE 7	35	33	31	3	
17 20 15	1009.0 CALM	37	35	33	10	
18 30 15	1013.7 NNW 12	36	35	33	10	
19 30 15	1014.6 CALM	35	33	31	8	
20 20 15	1015.9 NW 10	35	34	33	10	
21 8 8	S- 1017.0 NNE 7	33	33	32	10	
22 UNL 15	1013.7 NNW 3	37	34	30	10	
23 170 15	1014.7 CALM	41	37	32	10	
24 30 15	1006.0 SW 12	43	39	34	9	
25 20 12	R- 1003.0 NNW 10	41	39	37	10	
26 10 8	L- 1004.6 NW 8	38	35	31	10	
27 10 4	L-F 1006.5 NNW 16	37	36	35	10	
28 10 15	1006.6 N 9	36	35	34	8	
29 5 1	F 1005.5 CALM	33	32	31	10	
30 1	3/4F 1002.9 WSW 3	33	32	31	10	
31 90 15	988.5 SW 19	39	36	32	9	
AVG	1005.9	8	40	37	34	8

CLYDE  
AUGUST 1971 0400 EST

01 UNL 15	1008.5 CALM	33	32	31	0	
02 UNL 15	1007.4 NE 6	40	39	37	3	
03 20 15	R- 1010.3 CALM	39	38	37	10	
04 0	3/8F 1014.8 CALM	34	34	34	10	
05 45 15	1004.1 S 14	54	48	42	10	
06 90 15	1008.6 NW 8	36	35	33	10	
07 UNL 15	1006.6 CALM	39	34	30	0	
08 50 15	1001.8 SSW 9	48	43	38	10	
09 UNL 15	1005.0 S 8	44	41	37	1	
10 10 12	1007.0 N 4	48	45	41	10	
11 20 15	1007.5 E 5	33	33	31	10	
12 30 15	1002.7 SE 18	35	34	33	9	
13 10 8	R- 975.1 SW 3	32	32	32	10	
14 UNL 15	1000.7 SSW 35	38	34	27	1	
15 230 15	998.1 CALM	37	34	26	9	
16 30 1	F 1004.6 CALM	30	30	29	10	
17 30 15	1005.9 CALM	30	30	28	9	
18 25 15	1010.5 CALM	35	34	32	10	
19 UNL 15	1014.2 CALM	31	29	27	2	
20 25 15	1014.0 N 5	36	35	34	10	
21 15 15	1016.6 NW 8	33	32	30	10	
22 20 15	1016.7 NNW 7	32	32	31	9	
23 UNL 15	1014.1 NNW 2	32	31	28	7	
24 120 15	1013.3 S 5	42	38	32	10	
25 20 12	R- 1004.8 SSE 20	49	44	38	10	
26 20 12	R- 1004.2 NW 12	37	35	33	10	
27 10 12	L-F 1005.0 W 18	37	35	33	10	
28 10 3	L-F 1006.9 N 8	35	35	34	10	
29 0	13/4F 1005.8 N 9	33	32	31	10	
30 130 3	F 1004.5 CALM	29	29	28	9	
31 220 15	997.8 CALM	31	30	28	8	
AVG	1006.4	7	37	35	32	8

CLYDE  
AUGUST 1971 1000 EST

01 UNL 15	1008.6 WSW 2	37	35	33	0
02 80 15	1007.6 N 12	44	42	39	8
03 20 15	1012.3 SW 3	38	37	36	10
04 250 15	1012.2 SE 10	51	45	39	8
05 70 12	1002.1 SSW 5	63	55	49	10
06 40 15	1008.2 NNW 7	36	35	34	10
07 UNL 15	1004.9 W 2	44	40	34	3
08 40 15	1002.1 SSW 14	48	44	39	9
09 100 15	1001.6 SSM 13	52	46	40	10
10 10 12	1007.3 NNE 6	39	37	35	10
11 25 15	1006.6 ESE 9	38	35	31	10
12 30 2	F 998.2 ESE 8	36	34	32	10
13 30 15	978.1 S 12	42	39	36	10
14 UNL 15	1003.4 SSW 9	41	35	25	1
15 UNL 15	998.7 N 5	42	36	27	5
16 35 15	1005.0 N 10	35	33	31	10
17 40 15	1007.2 N 2	36	35	33	10
18 20 15	1012.0 NNW 10	37	35	33	10
19 UNL 15	1014.5 N 2	37	36	34	2
20 30 15	1013.6 N 12	36	34	31	10
21 10 15	1017.4 N 12	34	33	32	10
22 UNL 15	1015.1 SW 4	37	33	27	2
23 230 15	1014.6 CALM	42	36	26	8
24 30 15	1010.8 S 11	45	39	31	10
25 30 15	1001.9 SW 12	44	41	37</	

## SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Calling (100% ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NMT  
SEPTEMBER 1971 0200 MST

01	15	10	S-	1003.3	NN	13	23	22	18	10
02	10	4	SW-	1002.2	N	15	30	29	28	10
03	6	7	RN-SM	1003.2	NN	22	32	32	31	10
04	2	1/25-F		1004.3	MNN	26	27	27	26	10
05	25	10		1004.1	MNN	12	25	24	21	9
06	70	5	S-F	1001.9	NW	16	28	28	27	10
07	10	5	S-F	999.9	WSM	15	28	28	27	10
08	10	6	S-	998.4	SW	13	27	27	26	10
09	10	6	S-	1005.4	S	11	27	27	26	10
10	UNL	10		1018.5	E	14	21	21	19	6
11	20	10		1020.0	E	15	26	25	22	8
12	2	3	S-F	1018.3	ESE	11	27	27	26	10
13	10	10		1018.4	SSE	10	29	29	28	10
14	8	10		1021.1	W	11	19	19	17	10
15	20	10		1015.0	SSE	18	25	24	21	10
16	20	10		1007.8	ENE	5	25	25	24	10
17	5	7	S-	1007.7	WSM	7	25	25	23	10
18	65	3	S-	1003.5	MNE	7	19	19	17	10
19	UNL	3	BS	1007.2	NW	15	9	9	6	5
20	UNL	10		1015.0	NW	4	1	1	4	6
21	10	5	S-	1005.9	W	16	20	20	18	10
22	UNL	7		1007.0	ENE	11	15	15	12	8
23	UNL	10		1014.3	MNE	8	12	12	10	2
24	10	6	3/4S-	1005.0	SE	12	15	15	14	10
25	15	7	IC	1016.2	SE	7	25	25	23	10
26	15	8		1015.4	SE	20	19	19	17	10
27	29	6	S-	1006.8	SSW	9	25	25	24	10
28	5	3	S-F	1010.0	SW	15	24	23	24	10
29	5	2	S-F	1009.2	SW	12	22	22	21	10
30	5	5	S-	1000.8	ENE	6	21	21	19	10

AVG 1009.1 13 22 22 20 9

ISACHSEN NMT  
SEPTEMBER 1971 0500 MST

01	15	10		1003.8	MNN	12	23	22	19	10
02	10	5	SW-BS	1002.7	N	21	30	30	29	10
03	3	1/2F		1004.0	MNN	17	32	32	32	10
04	30	2	S-F	1004.0	MNN	23	28	27	26	10
05	UNL	10		1004.2	N	7	23	23	21	7
06	70	6	S-F	1001.6	MNN	18	28	28	27	10
07	10	2	S-F	999.8	WSM	15	27	27	26	10
08	UNL	10		998.8	SW	10	25	25	24	10
09	7	10		1007.9	S	10	27	27	26	10
10	85	10		1019.8	E	13	26	25	23	10
11	UNL	10		1019.3	E	16	24	22	18	10
12	4	6	F	1018.0	E	10	25	25	23	10
13	20	10		1018.7	S	14	29	29	27	10
14	60	10		1021.2	WSM	10	20	20	18	7
15	20	10		1014.2	SE	15	24	23	21	10
16	18	10		1008.2	E	6	26	25	24	10
17	12	8	S-	1006.9	MNN	3	22	22	22	10
18	15	1	S-	1003.1	N	9	17	17	15	10
19	UNL	2	S-BS	1008.1	MNN	28	8	6	8	
20	4	3	S-F	1014.6	ESE	4	1	1	2	10
21	6	11/45-F		1004.7	SSE	17	23	23	22	10
22	UNL	10		1008.7	ENE	5	10	10	8	3
23	30	10		1015.0	N	9	11	11	8	10
24	10	7	S-	1010.2	SE	14	14	14	13	8
25	9	3	S-F	1017.1	SSE	13	19	19	18	10
26	6	3	S-F	1013.8	SSE	20	21	21	20	10
27	22	4	S-F	1007.0	S	7	24	24	24	10
28	3	3	F	1010.2	SW	12	24	24	23	10
29	15	8	S-	1009.5	S	10	22	21	19	10
30	9	4	S-	999.1	ENE	9	21	21	19	10

AVG 1009.1 13 22 22 20 9

Date	Calling (100% ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NMT  
SEPTEMBER 1971 0800 MST

01	15	8		1002.9	N	17	26	25	22	10
02	200	7		1002.5	N	22	31	30	29	9
03	2	2	F	1003.6	NW	19	32	32	32	10
04	30	2	S-F	1003.7	NW	25	29	28	27	10
05	1	1	S-F	1003.3	NW	2	22	22	20	10
06	3	10	S-	1001.6	W	10	29	29	28	10
07	3	6	S-F	998.9	WSM	15	28	27	26	10
08	70	5	S-F	999.2	SSW	12	27	27	26	10
09	UNL	10		1009.1	SSE	7	26	26	24	5
10	70	10		1020.7	E	18	27	26	24	10
11	UNL	10		1018.7	ESE	9	25	24	20	8
12	15	7	S-	1017.8	SSE	10	26	26	25	10
13	20	10		1018.8	S	15	28	27	26	10
14	15	21/25-		1020.7	SW	14	22	22	20	10
15	25	7		1012.4	SE	20	22	22	20	9
16	20	10		1008.2	CALM	27	27	26	26	10
17	12	7		1005.7	MNN	2	22	22	22	10
18	8	1	S-BS	1003.1	N	16	13	13	11	10
19	UNL	1	1/25-BS	1009.0	MNN	31	10	11	9	5
20	UNL	10	IC	1013.2	SE	4	2	3	0	10
21	7	1	S-	1004.0	SSE	15	24	24	23	10
22	UNL	10		1010.0	N	2	5	5	2	1
23	20	8		1014.7	N	10	16	16	13	10
24	6	6	S-	1010.5	ESE	13	14	15	13	10
25	6	6	S-	1017.3	SE	16	19	19	18	9
26	8	6	S-	1012.2	SE	26	24	22	17	10
27	13	7		1007.4	S	5	25	25	24	10
28	31	2	S-F	1010.1	SSW	9	23	23	21	10
29	35	8	S-F	1009.3	SE	9	21	21	20	10
30	7	2	F	997.6	E	5	21	22	20	10

AVG 1008.9 12 22 22 20 9

ISACHSEN NMT  
SEPTEMBER 1971 1100 MST

01	65	6	S-	1002.5	NW	22	22	22	19	8
02	10	3	S-BS	1002.5	N	23	31	31	30	10
03	6	3	S-F	1003.6	NW	16	32	31	31	10
04	20	2	S-F	1003.7	NW	25	28	27	26	9
05	20	8	S-	1002.3	MNN	12	25	25	24	9
06	20	10		1001.6	WSM	5	29	29	27	9
07	3	2	S-F	998.4	WSM	11	29	29	28	10
08	180	5	S-	999.9	SW	13	28	28	27	10
09	20	4	S-	1010.9	ESE	3	28	28	28	10
10	UNL	10		1021.3	E	15	26	25	22	8
11	UNL	10		1018.5	ESE	11	27	25	22	6
12	7	7	S-	1018.0	SSE	10	25	25	24	10
13	20	10		1018.7	SSW	17	28	27	25	10
14	15	3	S-	1019.9	SW	20	23	22	10	
15	8	8	S-	1014.0	MNN	6	16	16	14	10
16	15	7		1008.3	S	3	28	28	27	10
17	6	3	S-F	1005.0	W	1	23	23	23	10
18	35	3	S-BS	1003.4	N	10	12	12	10	9
19	UNL	1	3/8BS	1010.7	MNN	28	9	9	6	6
20	UNL	6	S-F	1011.6	ESE	9	10	9	10	
21	8	5	S-	1004.1	SSE	13	24	25	24	10
22	UNL	10	IC	1011.1	N	6	16	16	14	10
23	5	7	S-	1014.0	MNN	9	16	16	14	10
24	6	6		1011.3	SSE	16	16	16	14	10
25	8	8		1017.7	SSE	15	21	21	19	9
26	10	8		1012.0	SE	17	23	23	21	10
27	4	3/4S-F		1007.7	SSW	10	26	26	25	10
28	13	3/4S-F		1009.7	S	10	22	22	21	10
29	30	10		1008.9	SSE	9	19	19	17	7
30	3	0	F	996.6	CALM	22	22	22	21	10

AVG 1008.8 13 23 23 21 9

Date	Calling (100% ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN NMT  
SEPTEMBER 1971 1400 MST

01	10	8		1002.3	N	18	24	23	21	9
02	10	8		1002.3	MNN	27	32	31	31	10
03	5	2	S-F	1004.0	MN	25	32	32	32	10
04	10	8	F	1004.3	MN	12	28	28	27	10
05	15	7		1002.0	NW	12	29	29	29	10
06	10	10	S-	1001.6	WSM	7	29	28	27	10
07	12	5	S-F	998.2	SW	13	29	28	27	10
08	8	4		1001.4	SW	14	28	28	28	10
09	10	8		1012.7	SSE	7	29	29	27	10
10	UNL	10		1021.2	E	24	26	24	21	8
11	UNL	10		1018.8	E	12	29	27	23	8
12	25	10		1018.1	SSE	10	26	25	24	9
13	20	3	S-	1019.3	S	12	28	27	26	10
14	15	5	S-	1019.8	SW	20	21	21	18	10
15	5	2	S-F	1009.1	SSE	12	25	25	24	10
16	8	2	F	1008.5	MNN	11	28	27	26	10
17	30	11/25-		10						

## SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Calling (1000 h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN		NMT	
OCTOBER 1971		0200 MST	
01	14 6 S-	995.0 SE	4 19 19 17 10
02	UNL 10	1001.6 ESE	4 12 12 10 0
03	15 6 S-	1012.7 SW	8 7 7 6 10
04	10 8	1012.8 SW	4 12 12 10 10
05	14 4 S-	1012.6 ENE	8 4 4 3 10
06	16 5 ICIF	1019.9 W	18 4 4 1 9
07	45 8 IC	1031.0 SW	5 2 2 1 9
08	UNL 10	1028.5 E	12 5 5 9 4
09	52 10 S-	1029.0 SE	15 11 11 8 10
10	17 8	1010.6 SSW	14 14 14 11 10
11	UNL 10	1020.6 SSE	21 2 2 3 3
12	UNL 10	1016.6 SE	20 2 2 2 8
13	10 2 S-BS	998.5 SSE	26 15 15 13 10
14	50 7 IC	1008.8 SW	8 4 4 6 10
15	UNL 8	1016.3 N	16 0 0 2 3
16	25 1/2IF	1017.1 SW	10 9 9 11 7
17	13 5 S-	1010.6 SSW	7 5 5 3 10
18	UNL 10	1013.4 E	12 8 8 10 2
19	UNL 1/2BS	1009.8 ENE	32 6 6 4 9
20	6 0 S-BS	998.1 E	40 17 17 16 10
21	75 4 S-BS	992.4 NNE	14 17 17 14 9
22	UNL 10 S-	995.1 ENE	6 11 11 9 2
23	UNL 10 IC	1005.7 WNW	4 4 4 8 3
24	13 8 S-	1009.6 SSW	2 19 10 7 10
25	15 3/4S-F	1012.1 E	1 8 5 7 9
26	20 21/4F	1015.4 NNN	1 -11 -11 -11 10
27	UNL 10	1015.8 N	7 -18 -18 -22 2
28	UNL 5 ICIF	1017.9 NNN	5 -15 -15 -18 0
29	14 6 ICIF	1014.0 N	9 -11 -11 -14 10
30	UNL 3/8ICIF	1011.2 E	2 -20 -20 -22 8
31	100 10	1006.4 E	9 -8 -8 -12 10
AVG		1012.1	11 2 2 -1 7

Date	Calling (1000 h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN		NMT	
OCTOBER 1971		0800 MST	
01	23 6 S-	995.7 SSW	11 18 18 16 10
02	90 3 S-	1002.3 S	2 12 12 10 9
03	6 2 S-F	1013.6 SSE	7 9 9 8 10
04	UNL 10	1015.1 NNN	3 -4 -4 7 6
05	30 2 BS	1009.0 N	16 6 6 4 9
06	20 4 IF	1023.3 W	16 4 4 2 9
07	UNL 5 3/8S-F	1031.9 NNE	2 1 1 0 10
08	75 5 F	1029.9 E	13 0 0 3 10
09	25 6 S-	1024.9 ESE	16 9 9 7 10
10	8 10	1025.6 SSE	18 13 13 11 10
11	UNL 10	1018.7 SSE	27 4 3 -4 5
12	20 3/4S-BS	1012.0 SSE	27 10 10 8 8
13	15 11/2S-	998.8 SSW	15 20 20 19 10
14	15 7 S-	1008.8 WSW	15 1 1 1 10
15	UNL 10	1019.1 N	13 -4 -3 -4 8
16	10 5 S-	1014.3 SW	9 1 1 -1 10
17	10 7 S-	1011.5 SSW	5 7 7 4 10
18	UNL 10	1012.0 ENE	10 -8 -8 -12 9
19	15 1/2ICBS	1007.2 ENE	33 11 11 9 10
20	UNL 1/2S-BS	997.2 E	30 18 18 16 10
21	70 4 S-	991.4 ENE	15 18 17 15 10
22	80 10	997.6 N	7 0 1 -1 9
23	35 8 S-	1006.3 ENE	6 7 7 5 9
24	UNL 1/2F	1010.7 W	2 6 6 5 6
25	UNL 11/4F	1015.1 CALM	-7 -7 -9 5
26	20 7	1015.2 N	3 -18 -18 -21 6
27	UNL 8	1016.3 N	8 -18 -18 -21 6
28	100 3 S-IF	1017.1 N	14 -16 -16 -25 8
29	UNL 5 F	1011.9 N	7 -16 -16 -18 5
30	80 8	1010.1 CALM	-22 -22 -24 9
31	80 10	1005.0 ENE	13 -7 -7 -12 9
AVG		1011.7	12 2 2 -1 9

Date	Calling (1000 h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN		NMT	
OCTOBER 1971		1400 MST	
01	12 10	998.3 SSE	11 17 17 16 10
02	65 2 S-F	1004.5 WSW	10 11 11 10 10
03	13 11/2S-	1013.3 SE	4 8 8 6 10
04	UNL 1 F	1017.9 CALM	-5 -5 -6 9
05	UNL 2 ICIF	1012.5 NNN	11 -2 -2 -3 1
06	20 6 IF	1027.1 SW	10 1 2 0 10
07	UNL 3/8F	1032.6 NNE	3 -3 -2 -5 3
08	65 2 S-F	1025.5 SSE	13 14 14 13 10
09	28 10 S-	1025.6 SE	11 11 11 8 9
10	UNL 6 ICIF	1024.9 SSE	16 6 7 4 8
11	UNL 10	1018.2 SSE	16 6 6 4 10
12	10 11/2S-BS	1007.3 SSE	27 13 13 11 10
13	UNL 3/4S-BS	999.7 WNW	25 8 8 4 4
14	UNL 10	1010.7 SE	2 -5 -4 -5 7
15	20 10	1019.4 NW	4 0 0 -2 10
16	7 3 S-F	1011.7 SSW	16 4 4 1 10
17	10 9 F	1013.0 S	6 8 8 6 10
18	180 6 S-	1012.1 E	16 -2 -1 -4 10
19	10 1/8S-BS	1004.6 E	41 13 13 11 10
20	UNL 1/2S-BS	995.3 SSE	18 18 18 15 10
21	20 4 S-	992.1 NE	16 17 17 14 10
22	80 10	1001.1 E	2 -4 -4 -6 8
23	4 3/8S-F	1007.2 ENE	6 8 9 8 10
24	UNL 1/4F	1012.4 CALM	-1 -2 -1 9 8
25	UNL 1/2F	1015.6 CALM	-5 -5 -6 9 9
26	UNL 1 F	1015.7 W	10 -20 -20 -22 9
27	UNL 10	1016.9 M	4 -20 -20 -22 9
28	UNL 3/4IF	1016.7 NNN	10 -12 -12 -14 10
29	UNL 8	1011.8 CALM	-24 -23 -24 2
30	7 1/4IF	1009.8 CALM	-16 -16 -18 7
31	80 10	1005.9 E	14 -7 -7 -13 9
AVG		1012.2	11 1 1 -1 8

Date	Calling (1000 h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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ISACHSEN		NMT	
OCTOBER 1971		2000 MST	
01	8 6 S-	1000.4 S	11 18 18 17 10
02	UNL 10	1009.1 SW	4 7 7 5 5
03	12 2 S-	1012.0 SSE	9 10 11 9 10
04	15 8	1017.1 CALM	1 1 -2 10
05	17 3 ICIF	1014.9 SW	13 6 6 4 10
06	50 8	1028.9 CALM	0 0 0 3 10
07	UNL 10	1030.5 E	6 -3 -4 -10 2
08	UNL 10	1024.4 SE	17 13 13 10 8
09	30 6 S-	1025.9 SSE	19 14 14 12 10
10	20 5 IC	1022.5 SE	13 8 9 7 10
11	UNL 10	1017.7 SE	19 4 4 -1 8
12	30 5 BS	1003.1 SSE	25 12 12 9 10
13	50 7	1006.3 WNW	23 -1 -1 -6 10
14	16 10	1013.8 NNN	5 -5 -5 7 10
15	UNL 3 IF	1018.4 SW	9 -10 -9 -10 6
16	14 3 S-F	1010.0 SSW	15 3 6 3 10
17	18 2 S-F	1013.6 SE	11 5 5 3 10
18	180 2 BS	1011.1 ENE	28 2 2 1 8
19	4 0 S-BS	1001.3 E	37 15 15 13 10
20	65 3 S-BS	994.2 E	21 18 18 16 10
21	15 5 S-	992.8 NE	13 18 18 16 10
22	UNL 10 S-	1005.6 WNW	3 -2 -2 -4 3
23	9 5 S-	1008.0 E	5 10 10 7 10
24	UNL 3 F	1013.7 WNW	1 -7 -7 -9 2
25	UNL 2 F	1015.2 W	1 -10 -9 -10 6
26	UNL 10	1015.4 NNE	4 -19 -19 -24 2
27	UNL 7 IC	1017.7 N	8 -24 -24 -25 0
28	17 4 IF	1015.0 N	10 -10 -10 -15 8
29	UNL 4 IF	1011.2 SE	1 -21 -21 -28 0
30	120 7 IC	1007.9 CALM	-13 -13 -15 8
31	UNL 10	1005.2 ENE	15 -10 -10 -15 8
AVG		1012.2	11 1 1 -2 8

ISACHSEN		NMT	
OCTOBER 1971		0500 MST	
01	5 5 F	995.2 SSE	9 19 20 19 10
02	UNL 4 S-F	1001.7 ESE	6 11 11 9 10
03	20 4 S-	1013.0 SSW	8 8 9 7 10
04	45 7 S-	1013.6 W	1 7 7 6 10
05	10 3 S-BS	1010.3 NNE	15 7 7 5 10
06	20 5 ICIF	1021.9 W	18 3 3 1 10
07	40 8	1031.8 SW	2 1 1 0 10
08	UNL 10	1027.1 E	8 -2 -3 8 8
09	27 10 S-	1025.0 ESE	15 8 8 9 9
10	23 10	1025.4 SSE	16 14 14 12 10
11	UNL 10	1019.1 SSE	20 4 3 -4 4
12	8 3 S-IF	1014.9 SE	17 5 5 3 10
13	15 2 S-BS	997.2 SSE	23 17 17 15 10
14	180 6 IC	1008.6 SW	10 -2 -1 -2 9
15	UNL 6 BS	1017.4 N	17 1 1 -1 3
16	10 11/4S-IF	1015.8 SW	2 4 4 -1 8
17	15 8 S-	1011.2 SSW	5 6 6 4 10
18	UNL 10	1013.5 E	15 -4 -4 -5 2
19	UNL 1 ICBS	1009.2 NE	30 7 8 5 8
20	2 0 BS	997.5 E	32 17 18 16 10
21	20 8 S-	992.0 NNE	15 18 18 15 10
22	UNL 10	996.3 NNN	10 4 4 2 3
23	40 8 S-	1006.2 WSW	2 1 1 -1 8
24	10 8 S-	1010.1 E	1 8 8 6 10
25	UNL 1 F	1015.0 CALM	-5 -5 -7 8
26	UNL 6 F	1015.4 CALM	-17 -17 -19 1
27	UNL 6 F	1016.3 WSW	2 -18 -18 -20 1
28	UNL 4 ICIF	1018.0 N	11 -18 -18 -21 0
29	15 4 IF	1013.1 N	7 -13 -13 -16 10
30	UNL 8 IC	1010.8 E	4 -22 -22 -25 1
31	100 10	1005.8 E	14 -7 -7 -13 10
AVG		1011.9	11 2 2 0 8

ISACHSEN		NMT	
OCTOBER 1971		1100 MST	
01	10 7 S-	997.0 S	13 18 18 17 10
02	7 10 S-	1003.2 SW	2 11 11 9 10
03	UNL 1 S-	1013.7 SE	8 8 8 6 10
04	UNL 7	1016.7 CALM	-1 -1 -3 4
05	UNL 4 ICBS	1010.1 NNW	16 1 2 -1 3
06	20 6 IF	1025.2 WSW	12 2 2 1 10
07	6 8	1032.4 CALM	2 2 1 10
08	70 4 S-	1025.7 SE	11 9 9 7 10
09	25 8 S-	1025.1 SE	10 9 9 7 9
10	UNL 6 ICIF	1025.5 S	13 8 8 7 10
11	100 10	1018.5 SE	14 5 5 0 10
12	5 1 S-BS	1010.1 SSE	20 11 11 9 10
13	25 4 S-BS	997.2 SW	17 12 13 11 10
14	UNL 10	1009.6 WSW	10 -2 -2 -3 10
15	22 10	1019.5 NNN	3 1 1 -1 9
16	8 21/2F	1012.7 SW	9 3 3 1 10
17	13 5 S-F	1012.4 SSW	5 8 6 10
18	UNL 8	1012.4 E	16 -4 -4 -6 8
19	UNL 1/8S-BS	1009.9 ENE	36 12 12 9 10
20	8 1/2S-BS	996.2 E	32 18 18 17 10
21	70 2 S-	991.5 ENE	20 17 16 13 9
22	UNL 10	999.4 N	2 1 1 -1 8
23	5 11/2F	1006.7 SE	2 9 9 7 10
24	UNL 1/4F	1011.4 CALM	3 3 2 8
25	UNL 3/4F	1015.1 CALM	-7 -7 -8 9
26	UNL 7	1015.4 N	8 -21 -21 -25 10
27	UNL 8	1016.4 N	8 -18 -18 -22 10
28	12 1/2S-IF	1016.7 NNW	10 -12 -12 -13 10
29	UNL 3 F	1011.5 NNN	3 -17 -17 -19 5
30	6 1/8IF	1010.0 CALM	-14 -14 -16 10
31	80 10	1004.3 E	17 -6 -6 -12 9
AVG		1011.8	10 2 2 0 9

ISACHSEN		NMT	
OCTOBER 1971		1700 MST	
01	10 8 S-	999.3 S	15 18 18 17 10
02	15 8	1006.9 W	5 10 11 9 10
03	23 11/4S-	1012.8 SE	5 9 9 8 10
04	10 7 S-	1018.3 CALM	-3 -2 -4 9
05	7 1 S-IF	1014.6 WSW	15 -3 -2 -4 10
06	90 10	1028.2 WSW	10 1 -1 -4 9
07	UNL 10	1031.7 ENE	4 -5 -6 -13 2
08	50 8	1024.8 SE	16 14 14 12 9
09	30 8 S-	1025.8 SSE	8 12 11 8 10
10	10 2 S-IF	1024.3 SE	15 8 8 3 10
11	UNL 10	1017.6 SE	17 5 5 2 10
12	10 10	1005.9 SSE	22 15 14 11 10
13	UNL 4 S-BS	1004.0 N	12 -2 -2 -6 4
14	UNL 10	1012.5 CALM	-10 -9 -10 7
15	15 6 S-	1019.4 WNW	5 0 1 -2 10
16	8 2 S-F	1010.9 SSW	14 5 5 3 10
17	12 3 S-F	1013.5 SE	12 5 6 3 10
18	UNL 6 BS	1011.1 ENE	28 -2 -2 -3 6
19	5 1/8S-BS	1003.0 S	35 13 14 11 10
20	10 11/2S-BS	994.8	

## SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Calling (1000's Lt.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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ISACHSEN NMT  
NOVEMBER 1971 0200 MST

01 UNL 10	1002.6 E	7	-10	-11	-17	10				
02 10 10	1005.3 E	3	-8	-8	-9	10				
03 UNL 10	1007.9 SE	2	-5	-5	-8	10				
04 13 7	S-	1009.1 N	6	-5	-5	-8	10			
05 UNL 6	ICIF	1020.0 NNE	8	-12	-12	-14	10			
06 UNL 11/2BS	1020.6 N	35	-14	-14	-18	2				
07 UNL 3/4BS	1022.0 N	27	-11	-11	-13	2				
08 UNL 10	1020.8 E	3	-17	-17	-21	0				
09 UNL 3	IF	1019.0 N	16	-7	-7	-9	10			
10 UNL 10	1024.0 N	19	-14	-14	-17	0				
11 UNL 10	IC	1029.1 CALM	-22	-22	-31	4				
12 UNL 7	IC	1027.1 NNE	6	-21	-21	-26	0			
13 UNL 10	IC	1029.0 N	7	-19	-19	-22	0			
14 UNL 6	BS	1020.4 N	21	-16	-16	-21	3			
15 UNL 21/25-BS	1025.6 N	21	-18	-18	-21	4				
16 UNL 7	IC	1033.9 SSW	2	-30	-30	-34	3			
17 UNL 3	ICIF	1033.0 NW	3	-20	-20	-24	4			
18 UNL 10	IC	1022.6 NNE	7	-15	-15	-20	6			
19 UNL 10	IC	1016.9 NNE	6	-26	-26	-30	0			
20 UNL 10	IC	1010.6 SE	8	-18	-18	-22	0			
21 80 6	S-	999.9 SSE	8	-11	-11	-15	10			
22 UNL 8	IC	1010.5 NNE	15	-27	-27	-33	0			
23 UNL 10	IC	1025.0 WSW	2	-30	-30	-38	0			
24 18 4	S-	1013.7 E	12	-11	-12	-17	8			
25 UNL 11/21FBS	1023.3 N	18	-23	-23	-25	2				
26 UNL 8	IC	1033.3 W	4	-24	-24	-31	0			
27 UNL 8	IC	1037.9 WSW	8	-24	-24	-33	2			
28 UNL 10	ICIF	1036.3 CALM	-28	-28	-32	3				
29 UNL 10	IC	1029.0 CALM	-20	-20	-25	8				
30 UNL 10	IC	1029.8 CALM	-26	-26	-32	0				

AVG 1021.3 9 -18 -18 -22 4

ISACHSEN NMT  
NOVEMBER 1971 0500 MST

01 180 8	1002.7 E	10	-8	-8	-14	10				
02 17 6	S-F	1005.7 N	10	-5	-5	-6	10			
03 16 7	S-	1008.0 N	4	-14	-14	-18	10			
04 18 7	S-	1010.0 NNE	10	-6	-6	-9	10			
05 UNL 2	ICIF	1021.4 N	14	-13	-13	-17	4			
06 UNL 11/4BS	1019.7 N	35	-11	-11	-14	4				
07 UNL 8	IC	1023.9 NNE	15	-16	-16	-21	0			
08 UNL 10	IC	1021.5 N	4	-17	-18	-24	0			
09 15 11/4BS	1017.5 N	31	-10	-10	-13	9				
10 UNL 10	IC	1025.3 N	27	-14	-14	-18	3			
11 UNL 10	IC	1028.4 ESE	3	-22	-22	-33	4			
12 UNL 8	IC	1027.1 NNE	6	-22	-22	-22	0			
13 UNL 7	IC	1028.2 NNE	8	-18	-18	-22	0			
14 20 3	S-BS	1019.6 NNE	22	-18	-18	-20	7			
15 UNL 4	BS	1026.9 N	24	-20	-20	-26	1			
16 UNL 10	IC	1034.5 N	4	-31	-31	-37	0			
17 UNL 5	ICIF	1032.3 N	7	-19	-19	-23	1			
18 UNL 10	IC	1021.4 N	12	-17	-17	-20	0			
19 UNL 10	IC	1014.4 ESE	3	-22	-22	-31	0			
20 UNL 10	IC	1009.3 WSW	2	-18	-18	-20	0			
21 9 6	S-	999.9 SSE	7	-10	-9	-11	10			
22 UNL 8	IC	1013.1 NW	12	-28	-28	-32	0			
23 UNL 8	IC	1024.7 CALM	-30	-29	-31	0				
24 UNL 10	IC	1013.4 E	12	-19	-18	-20	0			
25 UNL 11/21FBS	1024.7 NNE	14	-23	-23	-27	2				
26 UNL 8	IC	1035.7 NNE	3	-23	-23	-30	0			
27 UNL 8	IC	1038.3 WSW	3	-23	-23	-28	2			
28 UNL 8	IC	1035.6 CALM	-30	-30	-36	3				
29 UNL 10	IC	1028.5 CALM	-19	-19	-25	8				
30 UNL 10	IC	1029.4 CALM	-27	-27	-33	0				

AVG 1021.4 10 -18 -18 -22 3

Date	Calling (1000's Lt.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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ISACHSEN NMT  
NOVEMBER 1971 0800 MST

01 UNL 10	1002.6 E	13	-9	-9	-14	9				
02 20 7	S-	1006.2 ESE	2	-3	-3	-4	10			
03 15 7	S-	1008.0 N	3	-3	-3	-4	10			
04 20 6	S-	1011.5 N	9	-10	-10	-13	10			
05 UNL 3	ICBS	1023.0 N	10	-12	-12	-17	3			
06 UNL 1/4BS	1018.4 N	38	-14	-14	-18	3				
07 UNL 8	IC	1024.5 NW	3	-14	-14	-19	8			
08 UNL 10	IC	1022.0 NNE	8	-20	-20	-26	0			
09 UNL 3/8BS	1016.9 NNE	33	-13	-12	-15	3				
10 UNL 10	IC	1027.5 NNE	17	-12	-12	-17	4			
11 150 6	ICIF	1028.1 CALM	-18	-19	-25	10				
12 UNL 10	IC	1027.3 WSW	3	-21	-21	-24	0			
13 UNL 10	IC	1027.4 CALM	6	-22	-22	-26	5			
14 14 2	S-IFBS	1020.1 NW	6	-16	-16	-19	10			
15 UNL 6	BS	1027.4 NNE	20	-21	-21	-26	1			
16 UNL 10	IC	1033.5 N	8	-30	-30	-36	0			
17 UNL 5	ICIF	1032.0 N	17	-21	-21	-25	4			
18 UNL 10	IC	1024.0 N	15	-15	-14	-16	0			
19 UNL 10	IC	1014.9 N	8	-25	-25	-27	0			
20 UNL 10	IC	1007.9 ESE	8	-23	-23	-25	0			
21 10 6	IC	1000.0 SE	3	-10	-10	-13	10			
22 UNL 10	IC	1015.5 WNW	15	-27	-27	-32	0			
23 UNL 8	IC	1023.1 CALM	-29	-29	-31	1				
24 UNL 10	IC	1014.1 E	7	-22	-22	-26	1			
25 15 5/8IF	1026.9 NNE	10	-25	-25	-27	6				
26 UNL 7	IC	1034.7 SW	4	-25	-25	-32	0			
27 UNL 6	IC	1038.3 W	5	-24	-24	-28	0			
28 UNL 8	IC	1034.2 WNW	4	-28	-28	-36	6			
29 UNL 10	IC	1028.0 CALM	-17	-18	-25	8				
30 UNL 10	IC	1029.4 CALM	-32	-32	-38	0				

AVG 1021.4 9 -19 -19 -23 4

ISACHSEN NMT  
NOVEMBER 1971 1100 MST

01 UNL 10	1002.3 E	12	-9	-9	-14	9				
02 22 7	S-	1006.8 ENE	6	-3	-3	-4	10			
03 13 7	S-	1007.6 N	4	-2	-2	-5	10			
04 UNL 6	F	1012.8 N	12	-14	-14	-17	6			
05 UNL 3	BS	1022.8 N	10	-14	-14	-19	3			
06 UNL 3/8BS	1017.8 N	44	-17	-17	-22	4				
07 70 6	S-	1023.4 N	7	-12	-12	-16	10			
08 UNL 10	IC	1021.6 N	7	-18	-18	-28	0			
09 25 3/4BS	1016.8 NNE	29	-13	-13	-16	6				
10 UNL 10	IC	1028.4 N	22	-12	-12	-16	4			
11 120 7	IC	1027.2 CALM	-17	-17	-22	10				
12 UNL 10	IC	1027.4 CALM	6	-22	-22	-26	5			
13 UNL 10	IC	1026.2 NNE	8	-20	-20	-25	1			
14 UNL 2	S-BS	1021.0 N	17	-15	-15	-18	7			
15 UNL 5	BS	1029.0 N	15	-22	-22	-27	0			
16 UNL 10	IC	1033.5 N	9	-31	-31	-37	0			
17 UNL 6	ICIF	1031.2 NNE	12	-22	-22	-27	2			
18 UNL 4	ICIF	1019.2 WNW	12	-17	-17	-20	6			
19 UNL 10	IC	1014.4 ESE	3	-22	-22	-27	1			
20 UNL 10	IC	1006.0 SSW	4	-16	-16	-20	0			
21 10 6	IC	1000.3 WNW	10	-11	-11	-15	9			
22 UNL 3	IF	1018.0 W	8	-26	-26	-28	1			
23 100 2	S-IF	1021.3 CALM	-26	-26	-27	8				
24 UNL 7	IC	1015.0 W	8	-23	-23	-26	0			
25 UNL 5/8IF	1028.0 NNE	5	-25	-25	-29	5				
26 UNL 10	IC	1039.2 SSW	3	-27	-27	-35	8			
27 UNL 8	IC	1038.3 SSW	4	-24	-24	-29	4			
28 UNL 8	IC	1033.6 CALM	-26	-26	-33	6				
29 UNL 10	IC	1028.3 E	4	-19	-19	-27	8			
30 UNL 10	IC	1029.2 CALM	-32	-32	-38	0				

AVG 1021.4 9 -19 -19 -23 5

Date	Calling (1000's Lt.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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ISACHSEN NMT  
NOVEMBER 1971 1400 MST

01 UNL 10	1003.0 ENE	5	-9	-9	-13	8				
02 20 7	S-	1007.5 E	5	-3	-3	-7	10			
03 150 7	S-	1007.5 E	4	-5	-5	-8	9			
04 UNL 6	F	1014.4 N	11	-16	-16	-21	10			
05 UNL 5	ICBS	1023.1 N	22	-14	-14	-19	2			
06 UNL 7	3/8BS	1019.0 N	38	-16	-16	-20	4			
07 70 7	F	1021.5 NW	15	-9	-9	-12	9			
08 UNL 7	IC	1021.4 N	20	-19	-19	-23	0			
09 UNL 5/8BS	1017.3 N	37	-14	-13	-15	4				
10 UNL 10	IC	1031.1 NNE	15	-11	-11	-15	2			
11 150 5	ICIF	1027.5 CALM	-19	-19	-23	7				
12 30 10	IC	1028.2 W	3	-23	-23	-24	9			
13 20 9	ICIF	1025.1 N	9	-17	-17	-21	8			
14 UNL 2	S-BS	1021.4 N	15	-16	-16	-20	4			
15 UNL 7	IC	1030.8 N	7	-23	-23	-30	0			
16 UNL 10	IC	1033.1 N	12	-26	-26	-32	0			
17 UNL 6	ICIF	1030.3 WNW	7	-21	-21	-26	2			
18 UNL 5	IC	1019.0 WNW	14	-15	-15	-17	2			
19 UNL 10										

## SYNOPTIC OBSERVATIONS

ISAACHSEN

Date	Calling (1000's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
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ISAACHSEN NMT  
DECEMBER 1971 0200 MST

01 UNL 10	IC	1028.2 CALM	-35	-35	-41	0
02 UNL 10	IC	1025.8 CALM	-34			
03 UNL 4	IC	1023.1 M 14	-30	-30	-36	2
04 UNL 7	IC	1021.9 WSW	3	-33	-37	0
05 UNL 4	IC	1014.6 CALM	-34	-33	-35	1
06 UNL 4	IC	1010.7 CALM	-31	-31	-34	2
07 UNL 8	IC	1015.7 NNN 10	-34	-34	-37	4
08 UNL 6	IC	1015.5 CALM	-43			0
09 UNL 6	IC	1015.5 SW 2	-36			5
10 UNL 8	IC	1019.8 NNN 3	-35	-35	-42	4
11 UNL 8	IC	1025.3 ESE 3	-35	-35	-44	1
12 UNL 8	IC	1029.1 CALM	-38			0
13 UNL 4	ICIF	1024.9 SW 3	-28	-28	-34	6
14 UNL 4	IC	1025.5 WSW 4	-27	-27	-31	5
15 UNL 10	IC	1021.6 WNN 5	-29	-29	-37	0
16 UNL 10	IC	1017.9 E 4	-30	-30	-39	0
17 70 3	ICIF	1007.1 ESE 8	-22	-22	-27	8
18 UNL 8	IC	998.1 E 8	-23	-23	-28	0
19 UNL 10	IC	998.3 ENE 13	-30	-30	-36	0
20 UNL 8	ICIF	1005.7 NW 2	-33	-33	-37	0
21 UNL 5	IC	1013.0 NNN 5	-39			0
22 UNL 8	IC	1023.4 N 5	-35	-35	-38	0
23 UNL 8	IC	1021.2 N 15	-33	-33	-37	0
24 UNL 3	ICBS	1010.2 NNN 23	-15	-15	-19	4
25 UNL 8	IC	1006.5 E 3	-16	-16	-21	0
26 UNL 10	IC	1014.5 ESE 10	-34			0
27 UNL 5	ICIF	1007.2 NW 8	-36			0
28 40 6	S	996.0 WSW 3	-21	-21	-26	10
29 32 10	IC	1001.3 ESE 5	-30	-30	-35	10
30 25 1/45-BS		1001.2 SSW 18	-20	-20	-25	10
31 UNL 7	IC	1000.5 SE 12	-32	-32	-38	8
AVG		1014.2	6	-31		3

ISAACHSEN NMT  
DECEMBER 1971 0500 MST

01 UNL 10	IC	1028.0 CALM	-36			0
02 UNL 10	IC	1025.3 CALM	-36			0
03 UNL 3	IC	1023.0 NNE 19	-32	-32	-38	2
04 UNL 8	IC	1021.2 WNN 2	-36			0
05 UNL 4	S	1013.2 SE 4	-32	-32	-36	5
06 UNL 6	IC	1011.1 CALM	-34	-34	-40	1
07 UNL 4	ICIF	1015.6 N 14	-34	-34	-43	2
08 UNL 10	IC	1014.8 CALM	-44			0
09 100 7	IC	1016.0 WNN 2	-34	-34	-43	9
10 UNL 10	IC	1021.5 CALM	-35	-35	-41	5
11 UNL 8	IC	1023.8 ESE 1	-35	-35	-42	7
12 UNL 8	IC	1028.3 CALM	-38			0
13 UNL 2	IC	1025.0 M 3	-28	-28	-34	3
14 8 5	S	1025.3 WSW 3	-27	-27	-33	10
15 UNL 10	IC	1021.2 SW 2	-34	-34	-40	1
16 UNL 10	IC	1015.9 SE 3	-28	-28	-36	0
17 60 3	IC	1005.8 SE 11	-20	-20	-24	9
18 UNL 8	IC	997.1 E 7	-25	-25	-29	0
19 UNL 8	IC	999.0 ESE 5	-29	-29	-32	0
20 UNL 8	IC	1006.7 CALM	-39			0
21 UNL 4	ICIF	1015.0 NW 2	-34	-34	-37	0
22 UNL 8	IC	1024.2 N 4	-39			0
23 UNL 8	IC	1019.9 NW 17	-30	-30	-34	1
24 20 3	S-BS	1009.5 NW 14	-11	-11	-15	9
25 UNL 8	IC	1006.6 SSE 5	-25	-25	-31	0
26 UNL 10	IC	1014.8 ENE 7	-33	-33	-43	0
27 UNL 8	IC	1005.2 NNN 9	-32	-32	-38	0
28 30 10	IC	997.4 SSW 7	-22	-22	-29	7
29 30 10	IC	1001.5 SE 9	-25	-25	-31	10
30 15 1/45-BS		1001.5 S 14	-23	-23	-25	10
31 UNL 2	ICBS	1000.5 SE 18	-31	-31	-37	10
AVG		1014.1	6	-31		4

Date	Calling (1000's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
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ISAACHSEN NMT  
DECEMBER 1971 0800 MST

01 UNL 10	IC	1027.9 CALM	-35	-35	-41	2	
02 UNL 8	IC	1024.4 NNN 5	-32	-32	-36	10	
03 UNL 10	ICIF	1023.2 NNE 10	-29	-29	-33	9	
04 UNL 10	IC	1020.1 CALM	-38			0	
05 UNL 3	S	1012.3 SE 3	-30	-30	-34	8	
06 UNL 6	IC	1011.6 CALM	-35	-35	-41	3	
07 UNL 6	ICIF	1015.3 NNN 2	-33	-33	-43	0	
08 UNL 1	ICIF	1014.5 CALM	-44			2	
09 80 6	S-	1016.2 NW 8	-30	-30	-38	10	
10 UNL 10	IC	1022.4 CALM	-35	-35	-42	0	
11 UNL 10	IC	1024.4 ESE 4	-37			0	
12 15 4	ICIF	1027.2 SSW 3	-33	-33	-46	8	
13 10 4	IC	1024.4 WSW 6	-26	-26	-32	7	
14 UNL 6	S-	1024.7 WSW 4	-28	-28	-34	7	
15 UNL 7	IC	1020.7 CALM	-34	-34	-41	4	
16 UNL 3	ICIF	1014.4 ESE 7	-23	-23	-27	2	
17 45 5	S-	1004.4 SE 7	-19	-19	-24	10	
18 UNL 10	IC	996.3 E 7	-26	-26	-31	0	
19 UNL 6	ICIF	999.8 ESE 5	-29	-29	-30	0	
20 UNL 8	IC	1007.4 M 6	-39			0	
21 UNL 8	ICIF	1016.0 M 12	-32	-32	-36	0	
22 UNL 8	IC	1024.7 N 5	-39			0	
23 UNL 8	IC	1018.5 NNN 9	-32	-32	-35	1	
24 15 3	S-	1008.6 NNN 12	-9	-9	-12	8	
25 UNL 10	IC	1007.2 SSE 5	-28	-28	-34	0	
26 UNL 10	IC	1014.6 SE 3	-32	-32	-40	0	
27 UNL 6	ICBS	1001.8 NNN 13	-34	-34	-40	2	
28 UNL 10	IC	998.8 SSE 8	-29	-29	-38	3	
29 30 5	IC	1001.4 SSE 11	-23	-23	-27	10	
30 15 1/45-BS		1000.4 S 22	-27	-27	-30	10	
31 UNL 7	ICBS	1001.0 SE 12	-28	-28	-33	9	
AVG		1013.8	6	-31	-31	-37	4

ISAACHSEN NMT  
DECEMBER 1971 1100 MST

01 UNL 10	IC	1027.7 CALM	-35	-35	-41	2
02 UNL 10	IC	1024.0 NNN 3	-35	-35	-38	1
03 UNL 11/2	ICIF	1023.3 CALM	-31	-31	-34	3
04 UNL 8	IC	1019.3 CALM	-38			0
05 UNL 6	S-	1011.6 SE 3	-30	-30	-34	8
06 UNL 6	ICIF	1012.7 CALM	-36			0
07 UNL 5	ICIF	1015.1 CALM	-35	-35	-45	0
08 UNL 8	IC	1014.2 CALM	-45			0
09 80 5	S-	1016.2 W 5	-29	-30	-38	10
10 UNL 10	IC	1022.9 CALM	-37			0
11 UNL 10	IC	1026.7 ESE 3	-37			0
12 UNL 10	IC	1024.4 WSW 6	-24	-24	-40	0
13 10 3	ICIF	1024.3 WSW 7	-27	-27	-31	8
14 UNL 7	S-	1024.2 SW 2	-28	-28	-33	6
15 UNL 10	IC	1020.4 CALM	-35	-35	-45	2
16 UNL 3	ICIF	1012.6 ESE 6	-22	-22	-26	3
17 50 5	S-	1003.7 SSE 10	-18	-18	-23	9
18 UNL 8	IC	995.8 ESE 5	-23	-23	-26	0
19 UNL 8	IC	1000.3 N 5	-27	-27	-31	0
20 UNL 8	IC	1008.3 N 5	-40			0
21 UNL 8	IC	1017.2 NNN 5	-30	-30	-35	3
22 UNL 8	IC	1024.9 CALM	-42			0
23 UNL 8	IC	1017.3 NNN 8	-32	-32	-36	0
24 25 4	S-	1008.3 NNN 13	-9	-9	-11	10
25 UNL 10	IC	1008.1 ESE 3	-28	-28	-34	0
26 UNL 10	IC	1014.0 ENE 6	-32	-32	-41	3
27 UNL 3	ICBS	998.8 NW 10	-30			0
28 UNL 21/2	ICIF	997.7 SSE 5	-33	-33	-37	5
29 20 5	IC	1000.9 SSE 13	-19	-19	-23	10
30 20 1/45-BS		999.4 S 23	-30	-30	-33	10
31 70 3/4	ICBS	1001.7 SE 20	-25	-25	-31	10
AVG		1013.5	5	-31		3

Date	Calling (1000's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
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ISAACHSEN NMT  
DECEMBER 1971 1400 MST

01 UNL 8	IC	1027.6 W 2	-36			3
02 UNL 5	ICIF	1024.0 N 7	-28	-28	-32	5
03 UNL 3	ICIF	1023.8 NNN 9	-31	-31	-34	2
04 UNL 8	IC	1018.3 CALM	-39			0
05 UNL 4	S-	1011.0 SE 3	-31	-30	-34	0
06 UNL 8	IC	1013.5 CALM	-36			0
07 UNL 10	IC	1015.3 NNN 4	-35	-35	-45	0
08 UNL 10	IC	1014.4 CALM	-43			0
09 80 8	S-	1016.5 WSW 6	-29	-29	-38	10
10 UNL 4	S-	1023.7 SE 3	-36			10
11 UNL 10	IC	1027.6 CALM	-36			0
12 UNL 8	IC	1026.1 WSW 6	-33	-33	-37	4
13 UNL 10	IC	1024.4 SW 8	-29	-29	-35	1
14 UNL 7	S-	1023.8 CALM	-27	-27	-33	4
15 UNL 10	IC	1020.8 CALM	-34	-34	-43	1
16 UNL 7	IC	1012.1 S 5	-22	-22	-27	0
17 45 6	S-	1002.6 SSE 6	-16	-16	-21	6
18 UNL 8	IC	995.9 ENE 9	-26	-26	-30	0
19 UNL 8	IC	1001.5 E 8	-27	-27	-29	0
20 UNL 10	IC	1009.2 NNN 10	-46			0
21 UNL 7	IC	1018.8 NNN 5	-31	-31	-34	0
22 UNL 8	IC	1025.2 NNN 5	-36			0
23 UNL 8	IC	1015.7 NNN 11	-30	-30	-33	0
24 20 3	S-BS	1008.2 NW 15	-10	-10	-13	8
25 UNL 10	IC	1008.8 E 10	-32	-32	-38	0
26 UNL 10	ICIF	1013.1 CALM	-34	-34	-43	0
27 UNL 21/2	ICIF	995.6 NW 10	-36			6
28 UNL 8	IC	999.2 SE 9	-35	-35	-41	6
29 20 2	IC	1000.8 SSE 16	-18	-18	-22	10
30 20 1/45-BS		998.8 S 18	-32	-32	-36	10
31 70 3	ICBS	1002.7 SE 15	-26	-26	-32	10
AVG		1013.5	6	-31		4

ISAACHSEN NMT  
DECEMBER 1971 1700 MST

01 UNL 10	IC	1027.2 CALM	-37			7
02 UNL 5	IC	1023.6 NNE 6	-27	-27	-35	3
03 UNL 2	ICIF	1023.7 N 8	-31	-31	-34	2
04 UNL 8	IC	1017.4 CALM	-39			0
05 UNL 4	S-	1010.5 SE 4	-31	-31	-34	5
06 UNL 8	IC	1014.3 NNN 8	-39			0
07 UNL 8	IC	1015.5 SW 2	-39			0
08 UNL 10	IC	1015.0 CALM	-41			0
09 80 8	IC	1016.4 WSW 6	-30	-30	-39	8
10 UNL 6	S-	1024.2 SSE 5	-33	-33	-36	7
11 UNL 10	IC	1028.2 CALM	-36			0
12 UNL 10	IC	1025.7 SW 4	-33	-33	-42	1
13 UNL 5	ICIF	1019.8 WSW 7	-40	-39	-38	0
14 UNL 8	S-	1021.1 WSW 3	-24	-24	-29	4
15 UNL 10	IC	1020.2 ESE 2	-32	-32	-41	3
16 UNL 10	IC	1012.2 CALM	-24	-24	-30	0
17 UNL 6	S-	1001.5 SE 6	-18	-18	-23	4
18 UNL 8	IC	996.2 ENE 9	-29	-29	-32	0
19 UNL 8	IC	1002.6 E 7	-26	-26	-34	0
20 UNL 6	ICIF	1019.4 WSW 7	-40	-39	-3	

## SYNOPTIC OBSERVATIONS

## MOULD BAY

Date	Calling (1000z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°C)	Wet Bulb (°C)	Dew Point (°C)	Sky Cover (percent)
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MOULD BAY NMT  
JULY 1971 0200 MST

01 5 2	F			1015.7	N	5	34	33	32	10
02 12 10				1016.3	N	5	37	35	33	10
03 UNL 15				1015.8	NW	10	38	36	37	10
04 UNL 15				1015.5	NNE	9	41	39	36	7
05 UNL 15				1020.9	N	9	44	41	38	2
06 40 12				1021.5	NNW	6	39	38	36	10
07 1 1	R- L-F			1022.4	N	9	34	34	34	10
08 70 15				1025.6	NNW	5	40	39	37	9
09 UNL 15				1023.1	N	5	40	37	34	5
10 UNL 15				1018.8	NW	7	37	36	33	4
11 UNL 15				1013.3	S	9	41	39	35	6
12 UNL 15				1005.7	SSW	3	46	42	36	6
13 20 15				1003.5	NW	5	41	38	35	6
14 15 15				1010.4	NNE	7	38	36	32	9
15 70 15				1010.6	NNW	5	41	38	35	8
16 80 15				1006.9	ESE	15	46	43	40	10
17 8 10	R-			1006.4	WSW	6	36	36	36	10
18 11 6	S-			1009.2	SW	15	34	33	32	10
19 2 1/2F				1016.4	NW	8	35	35	35	10
20 15 15				1019.1	N	5	38	36	35	10
21 UNL 15				1023.6	CALM	38	36	34	7	
22 UNL 15				1024.0	N	7	41	38	36	5
23 UNL 15				1024.4	W	3	39	37	35	4
24 70 15				1019.4	CALM	42	40	37	9	
25 30 15				1017.8	NNW	11	42	40	37	9
26 UNL 15				1019.7	SSW	4	39	37	35	9
27 80 15				1014.5	NW	4	43	40	36	9
28 40 15				1010.0	S	10	44	43	41	6
29 3 4	F			1008.7	NNW	5	40	39	39	10
30 4 2	L-F			1002.3	NW	15	38	37	37	10
31 UNL 15				1007.5	WSW	4	33	32	30	6
AVG				1015.1		7	39	38	35	8

MOULD BAY NMT  
JULY 1971 0500 MST

01 15 4	S-			1015.5	NNW	8	35	34	33	10
02 15 15				1016.8	NNE	4	36	35	33	10
03 20 15				1015.1	NNW	13	38	36	33	9
04 UNL 15				1015.7	NNW	9	43	40	36	5
05 UNL 15				1020.9	NNE	9	48	44	40	1
06 25 10				1021.4	NNW	4	39	38	37	9
07 7 10				1023.6	NW	8	35	34	33	10
08 70 15				1025.2	NW	8	39	37	35	9
09 UNL 15				1022.8	NW	10	41	37	32	5
10 UNL 15				1018.0	NW	6	38	35	31	3
11 UNL 15				1012.3	W	1	47	42	37	5
12 UNL 15				1005.1	SW	1	46	42	37	8
13 20 10				1004.1	NE	15	40	38	35	10
14 10 10				1010.9	NNE	4	36	34	32	10
15 70 15				1010.5	NNE	3	43	40	36	10
16 15 10				1005.7	E	18	47	45	43	10
17 10 10	R-			1006.8	WSW	15	35	34	33	10
18 10 3	S-			1009.2	SSW	8	33	32	32	10
19 15 10				1017.0	NW	9	38	36	37	10
20 12 15				1020.1	NW	6	38	37	35	10
21 UNL 15				1024.3	CALM	37	36	35	4	
22 70 15				1024.3	W	4	40	38	35	9
23 UNL 15				1025.0	NNE	5	39	36	4	
24 70 15				1019.1	CALM	7	44	41	38	9
25 UNL 15				1018.3	NNW	7	43	40	37	8
26 UNL 15				1019.9	W	2	41	39	37	8
27 80 15				1012.5	SSW	8	42	40	38	10
28 UNL 15				1010.1	SSE	4	43	42	40	1
29 2 7				1007.3	NNE	7	43	40	39	10
30 2 1/8F				1005.2	NW	18	37	37	37	10
31 20 15				1007.4	S	5	33	32	31	9
AVG				1015.1		7	40	38	36	8

Date	Calling (1000z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°C)	Wet Bulb (°C)	Dew Point (°C)	Sky Cover (percent)
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MOULD BAY NMT  
JULY 1971 0800 MST

01 10 5	R-			1015.2	NNE	10	36	36	35	9
02 UNL 15				1016.8	NE	7	38	37	35	4
03 90 15				1014.8	NNW	23	41	39	36	10
04 UNL 15				1015.9	N	10	48	44	39	2
05 UNL 15				1020.9	N	13	51	45	40	7
06 20 10				1020.3	W	9	43	41	39	7
07 UNL 15				1024.1	NNW	5	40	38	35	4
08 UNL 15				1024.2	NW	9	42	40	37	4
09 UNL 15				1021.9	NNW	9	43	39	34	7
10 UNL 15				1017.1	W	4	44	38	31	3
11 UNL 15				1011.1	E	13	48	41	35	2
12 UNL 15				1004.2	E	9	54	46	38	6
13 70 10				1004.4	NNE	26	40	38	35	10
14 10 10				1011.0	NNE	5	39	36	31	7
15 70 10	R-			1010.0	CALM	41	39	36	10	
16 12 10				1004.2	E	14	43	42	40	10
17 10 15				1007.7	SW	12	35	34	33	10
18 20 15				1009.5	S	5	34	33	32	10
19 15 15				1017.0	CALM	39	38	37	10	
20 12 12				1020.6	NNW	6	38	37	35	10
21 UNL 15				1024.3	CALM	41	39	36	7	
22 80 15				1024.0	NW	8	43	41	38	4
23 UNL 15				1023.0	ENE	6	43	40	36	4
24 30 15				1018.6	SSW	4	39	38	35	9
25 UNL 15				1018.6	N	3	45	41	38	6
26 UNL 15				1019.2	SW	4	45	43	41	6
27 90 15				1021.1	SSW	13	43	42	41	9
28 5 10				1010.1	W	13	42	41	41	10
29 30 7				1005.3	SW	4	37	37	37	10
30 70 10				1003.6	NNW	7	39	38	36	9
31 8 2	F			1006.6	S	8	34	34	34	10
AVG				1014.7		8	42	39	36	7

MOULD BAY NMT  
JULY 1971 1100 MST

01 10 6	L-			1015.0	N	6	37	36	34	10
02 UNL 15				1016.8	NE	6	45	40	34	2
03 UNL 15				1014.5	NNE	17	48	43	39	4
04 UNL 15				1016.0	NNW	14	50	44	39	4
05 UNL 15				1021.1	N	12	51	46	40	4
06 UNL 15				1019.3	NNW	10	48	44	40	8
07 UNL 15				1024.5	NW	8	45	42	38	8
08 UNL 15				1024.7	NNW	10	48	42	38	10
09 UNL 15				1020.2	ESE	8	45	42	36	6
10 UNL 15				1016.3	NNW	9	49	41	29	3
11 UNL 15				1009.9	E	12	45	38	1	
12 UNL 15				1002.8	ESE	16	56	48	40	4
13 15 15				1006.0	NE	18	43	39	35	8
14 UNL 15				1010.8	WSW	5	40	37	33	8
15 70 15				1010.1	W	6	45	43	40	8
16 10 4	R-F			1004.2	ESE	8	45	44	43	10
17 10 15				1008.1	SW	8	35	34	33	10
18 20 15				1010.7	NNW	7	37	37	36	10
19 70 10				1017.0	W	6	37	36	35	10
20 12 10				1022.3	WSW	4	39	37	35	10
21 UNL 15				1024.3	S	2	44	41	39	5
22 100 15				1024.2	W	7	42	40	37	8
23 UNL 15				1022.4	SW	7	39	38	37	7
24 20 15				1018.3	SW	3	42	39	35	10
25 UNL 15				1019.9	SW	4	46	43	40	2
26 UNL 15				1019.0	SSW	12	47	44	41	1
27 UNL 15				1009.0	S	18	47	44	41	7
28 4 7				1010.3	W	10	41	40	39	10
29 30 5	R-F			1003.0	CALM	41	41	40	40	10
30 20 15				1003.8	CALM	39	39	38	9	
31 2 3/8F				1005.9	S	10	36	36	36	10
AVG				1014.5		8	44	41	37	7

Date	Calling (1000z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°C)	Wet Bulb (°C)	Dew Point (°C)	Sky Cover (percent)
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MOULD BAY NMT  
JULY 1971 1400 MST

01 10 6	L-			1015.3	NNW	7	38	36	33	10
02 UNL 15				1017.0	SSW	6	39	38	36	0
03 UNL 15				1014.3	N	12	52	45	38	3
04 UNL 15				1016.2	NNW	12	50	45	40	1
05 UNL 15				1021.5	NNW	10	53	46	40	2
06 70 15				1019.3	NW	11	45	42	39	9
07 UNL 15				1025.0	NNW	10	50	45	41	3
08 140 15				1024.4	NNW	10	50	44	37	10
09 UNL 15				1020.7	NW	8	51	42	29	5
10 25 15				1015.7	NW	9	50	42	31	10
11 UNL 15				1009.2	ESE	11	55	46	36	2
12 UNL 15				1002.4	E	12	57	48	38	7
13 15 15				1007.4	EME	15	44	40	35	9
14 70 15										



## SYNOPTIC OBSERVATIONS

## MOULD BAY

Date	Cloud (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NMT  
AUGUST 1971 0200 MST

01 20 4	F	1002.5	M	12	39	38	37	10		
02 15 15		1009.2	WSW	8	32	30	28	9		
03 8 3	S-	1006.6	ESE	5	33	32	32	10		
04 UNL 4	S-	994.8	MNW	7	33	33	32	8		
05 10 4	S-	997.8	MSW	19	32	31	30	10		
06 15 7		997.3	SW	11	32	32	31	10		
07 10 4	RM-	988.9	M	13	32	32	32	10		
08 10 10		997.7	MNW	10	32	32	31	9		
09 70 15		1007.1	M	9	31	30	27	10		
10 18 10	SP-	1008.6	NW	6	31	31	30	10		
11 150 10		1012.4	NW	7	29	29	28	8		
12 4 1	S-	1000.3	MNW	9	32	32	31	10		
13 4 4	S-F	998.8	NNE	10	30	30	29	10		
14 10 6	S-	1000.1	WSW	18	30	29	27	10		
15 20 7	L-	1001.1	MNW	10	32	32	32	10		
16 7 4	F	1009.9	M	10	33	33	32	10		
17 30 15		1014.7	S	4	33	33	32	10		
18 1 1/2F		1011.4	S	8	32	32	32	10		
19 3 7		1010.0	S	10	33	32	32	10		
20 UNL 10		1011.6	SSW	4	32	32	32	10		
21 70 15		1006.4	ESE	7	39	37	35	9		
22 2 3	F	1000.2	NE	24	33	33	32	10		
23 8 10		1002.4	ENE	7	32	30	28	9		
24 3 7		1004.1	NNE	6	32	32	32	10		
25 UNL 3	F	1011.7	N	4	32	32	32	8		
26 30 10		1012.0	MNW	3	33	33	31	8		
27 3 2	F	1012.2	MNW	2	33	32	32	10		
28 10 10	S-	1014.8	MNW	5	27	26	25	10		
29 10 10		1003.5	SSW	11	29	28	26	10		
30 10 15		994.9	NW	4	27	26	25	10		
31 30 4	S-	1004.5	MNW	15	21	21	19	10		
AVG		1005.0		9	32	31	30	10		

MOULD BAY NMT  
AUGUST 1971 0500 MST

01 5 4	SM-	1004.2	M	10	31	30	29	10		
02 15 15		1009.4	MSW	5	32	31	30	9		
03 10 10		1004.5	ESE	5	33	33	33	10		
04 10 15		994.5	M	12	32	31	30	10		
05 10 10		998.9	WSW	18	31	30	28	10		
06 15 10		995.6	SW	15	32	31	30	10		
07 10 15		989.1	M	13	29	29	28	9		
08 10 15		999.0	MW	6	31	31	31	10		
09 15 8	SM-	1007.9	WSW	6	31	31	29	10		
10 15 10		1009.1	MNW	5	32	30	27	10		
11 30 10		1012.4	MNW	8	29	28	27	9		
12 5 2	S-	999.0	NW	6	31	31	31	10		
13 10 10		1000.5	NNE	10	32	31	30	10		
14 10 5	S-	1001.2	S	12	31	31	30	10		
15 4 10		1002.7	NW	10	32	32	32	10		
16 1 5	F	1011.0	WSW	7	33	33	33	10		
17 80 15		1014.4	CALM	34	34	33	10			
18 2 3	F	1011.4	S	8	32	32	32	10		
19 4 10		1010.8	SSW	9	32	32	32	10		
20 10 15		1011.1	SSE	6	35	35	34	10		
21 80 15		1006.2	S	12	31	30	27	9		
22 8 15		1005.9	NE	18	31	31	30	10		
23 2 5	F	1002.4	NE	12	32	32	32	10		
24 10 1/8F		1004.8	NW	6	32	32	32	9		
25 UNL 3	F	1012.1	CALM	32	32	32	32	10		
26 UNL 10		1012.1	SW	4	33	32	31	8		
27 8 3	F	1012.5	N	5	33	32	32	10		
28 10 10		1013.5	NW	5	27	27	25	10		
29 10 5	S-	1001.9	SSW	11	29	28	27	10		
30 15 10	S-	995.1	NW	7	24	24	22	10		
31 30 7	S-	1005.2	NW	15	21	21	19	10		
AVG		1005.0		8	31	31	30	10		

Date	Cloud (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NMT  
AUGUST 1971 0800 MST

01 15 10		1005.2	MNW	11	33	33	32	10		
02 20 5		1009.4	SW	7	32	31	30	10		
03 10 4	R-F	1002.1	NNE	4	35	35	34	10		
04 10 15		994.1	M	14	31	31	31	9		
05 15 15		999.4	MSW	13	31	30	28	10		
06 15 4		991.7	SSW	15	31	31	30	10		
07 10 4	SM-	988.7	M	28	30	30	29	9		
08 10 10		1006.2	MNW	7	31	31	31	9		
09 70 15		1008.1	WSW	5	30	29	28	9		
10 15 10		1009.3	CALM	31	31	30	10			
11 30 10		1011.1	M	6	31	30	29	10		
12 8 4	S-F	997.3	MNW	6	31	30	29	10		
13 30 10		1001.6	NNE	15	29	28	26	6		
14 15 5	S-	997.8	MNW	10	32	31	31	10		
15 80 15		1003.9	MNW	10	30	29	27	8		
16 10 4	F	1011.8	CALM	34	34	33	10			
17 90 15		1013.5	CALM	34	33	32	9			
18 2 10		1011.2	SSW	9	33	33	33	9		
19 3 10		1011.0	SSW	11	33	32	32	10		
20 8 10		1010.6	S	11	37	37	36	10		
21 40 10	R-	1006.2	S	5	38	38	37	10		
22 8 10		1005.2	ESE	29	31	30	29	10		
23 5 7		1003.2	NE	15	32	32	32	10		
24 10 1/2F		1005.9	M	5	32	32	32	10		
25 30 4	F	1012.4	CALM	31	31	31	10			
26 UNL 10		1011.8	SSW	5	33	33	32	7		
27 12 10		1013.0	NNE	7	30	29	27	10		
28 10 10		1012.5	M	8	27	27	25	10		
29 5 3	S-	995.5	S	15	30	30	29	10		
30 10 15		995.1	M	10	24	24	22	9		
31 15 3	S-	1004.1	MNW	21	25	24	23	10		
AVG		1004.7		10	31	31	30	10		

MOULD BAY NMT  
AUGUST 1971 1100 MST

01 15 4	SM-	1006.2	WSW	12	33	33	32	8		
02 15 6	SM-	1009.2	SSW	7	33	32	30	8		
03 4 2	S-F	999.9	NNE	4	35	34	33	10		
04 10 10		994.1	WSW	20	32	32	32	7		
05 10 15		999.7	WSW	11	33	32	31	10		
06 8 1	S-	989.0	SW	14	32	32	32	10		
07 3 7		989.8	MNW	20	32	31	31	8		
08 20 7		1001.5	MNW	10	34	33	32	10		
09 15 7	S-	1008.3	WSW	7	31	31	30	10		
10 12 15		1009.7	MNW	3	32	31	29	10		
11 10 3	S-	1009.6	WSW	13	30	30	29	10		
12 11 4	S-F	997.5	NNE	12	32	31	30	10		
13 UNL 15		1002.6	CALM	12	28	27	26	5		
14 10 4	F	995.1	MNW	7	33	33	32	10		
15 8 10		1005.4	NW	11	32	32	31	10		
16 5 10		1013.1	NW	7	35	35	34	10		
17 UNL 10		1013.0	S	7	37	36	35	9		
18 2 10		1011.0	S	6	34	34	34	10		
19 3 10		1011.1	SSW	8	33	33	32	10		
20 4 10		1009.6	SSE	11	39	38	38	10		
21 15 3	R-	1006.8	CALM	37	37	37	10			
22 4 7		1005.4	ENE	17	33	33	32	10		
23 4 10		1002.0	NNE	10	34	34	33	10		
24 3 1/2F		1004.6	MNW	5	33	33	33	10		
25 30 10		1012.5	CALM	32	32	32	32	10		
26 70 10		1011.8	SSW	5	35	34	32	9		
27 25 10		1014.2	N	5	28	28	27	10		
28 2 4	S-	1011.2	SW	6	28	28	27	10		
29 3 9	S-	997.6	S	10	30	30	30	10		
30 25 10		999.3	M	8	25	25	23	10		
31 10 3	S-BS	1003.2	MNW	15	27	27	25	10		
AVG		1004.7		9	32	32	31	10		

Date	Cloud (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NMT  
AUGUST 1971 1400 MST

01 15 10	SM-	1006.7	WSW	11	35	34	32	6		
02 15 6	SM-	1009.2	SSW	8	34	33	31	9		
03 10 10		998.5	MNW	7	36	36	35	10		
04 8 10		993.8	SW	17	34	34	34	7		
05 15 15		999.7	MSW	10	33	32	31	10		
06 20 4	SM-	988.4	WSW	18	34	33	31	10		
07 20 10		992.8	M	20	33	32	31	10		
08 10 10		1003.0	MNW	10	34	35	31	10		
09 12 4	S-	1008.7	MSW	7	32	32	31	10		
10 15 15		1010.2	NW	6	33	31	29	10		
11 10 3	S-	1007.6	WSW	14	31	30	29	10		
12 10 6	S-F	998.4	N	20	27	26	24	10		
13 UNL										

## SYNOPTIC OBSERVATIONS

## MOULD BAY

Date	Calling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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MOULD BAY NMT  
SEPTEMBER 1971 0200 MST

01 UNL 15	1006.7 NNM	4	23	22	20	3
02 20 10	1011.2 NNM	8	25	24	22	10
03 25 10	1013.3 NW	15	28	28	27	10
04 UNL 10	1012.8 NNM	5	20	20	19	3
05 2 5	1005.5 NE	10	23	23	22	10
06 8 15	1005.3 E	5	24	24	22	10
07 5 10	1005.3 NNM	7	25	25	24	10
08 20 10	1001.3 W	8	28	27	25	10
09 20 6	1003.9 S	8	29	29	29	10
10 25 10	1012.0 CALM	28	28	28	26	10
11 UNL 15	1013.9 NE	4	23	22	19	4
12 70 2	1014.2 CALM	26	26	24	6	
13 6 10	1014.8 WSW	10	28	28	27	10
14 UNL 15	1023.1 SSW	6	21	20	17	6
15 8 3	1009.4 SSW	15	31	31	31	10
16 9 1	1013.7 NW	25	20	20	19	3
17 20 15	1007.2 SW	9	30	30	29	10
18 8 10	1005.8 N	15	24	24	22	10
19 UNL 3	1020.6 NNM	24	13	11	5	
20 10 10	1015.5 SW	12	22	21	19	10
21 10 10	1006.3 NNM	12	26	25	24	10
22 8 3	1010.8 NW	14	22	22	21	10
23 UNL 10	1009.1 SE	3	12	11	9	3
24 100 4	1012.2 NNM	11	30	30	30	10
25 20 10	1012.1 S	5	28	28	27	8
26 9 5	1010.3 S	14	25	25	24	10
27 15 10	1009.1 WSW	10	30	30	29	10
28 45 10	1009.5 SW	10	26	25	24	10
29 20 10	1005.7 SSW	12	27	27	25	10
30 20 10	996.1 SSW	16	23	23	21	10

AVG 1010.3 10 25 24 23 9

MOULD BAY NMT  
SEPTEMBER 1971 0500 MST

01 UNL 15	1007.9 N	5	22	21	17	7
02 20 10	1011.2 NNM	10	25	25	23	10
03 UNL 12	1014.3 NW	13	26	26	25	10
04 2 2	1012.3 CALM	22	22	21	10	
05 5 15	1004.7 ENE	5	23	23	22	8
06 8 15	1005.5 ENE	9	26	26	24	10
07 8 15	1004.8 WSW	7	26	26	25	10
08 25 10	1001.2 SW	5	28	27	26	10
09 15 4	1004.6 S	7	29	29	28	10
10 30 10	1012.6 ESE	9	27	27	25	9
11 UNL 1 1/4F	1014.3 NE	5	16	16	14	7
12 6 2	1014.1 CALM	26	26	24	10	
13 25 10	1017.4 W	10	25	25	24	10
14 15 10	1022.3 SSW	14	21	20	18	10
15 8 3	1007.4 SSW	15	30	30	30	10
16 10 1	1014.6 NW	15	20	20	17	10
17 15 8	1006.0 WSW	8	31	31	30	10
18 UNL 8	1008.5 NNM	14	20	20	17	8
19 UNL 5	1022.0 NNM	19	11	9	2	
20 10 3	1012.6 SSW	17	25	24	10	
21 10 10	1006.5 NNM	9	22	22	21	10
22 10 4	1012.2 NNM	15	22	21	20	10
23 UNL 10	1018.7 SSW	9	17	15	4	
24 80 4	1012.8 W	9	30	30	30	10
25 20 4	1012.2 S	8	28	28	28	8
26 9 4	1009.4 S	9	26	26	26	10
27 23 10	1009.5 W	11	29	29	28	10
28 30 10	1009.8 W	10	25	24	23	10
29 30 10	1004.7 SSW	13	28	28	26	10
30 UNL 10	995.4 SSW	16	22	22	20	9

AVG 1010.3 10 24 24 23 9

Date	Calling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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MOULD BAY NMT  
SEPTEMBER 1971 0800 MST

01 UNL 15	1008.7 NNE	3	24	22	16	1
02 15 10	1011.2 NNM	9	30	30	29	10
03 UNL 12	1014.5 NW	8	26	25	24	9
04 UNL 1 1/2F	1011.3 CALM	21	21	20	5	
05 10 15	1003.8 ENE	10	27	27	25	9
06 10 15	1005.5 E	8	26	26	25	10
07 8 15	1003.7 WSW	11	27	27	26	10
08 10 4	1001.2 SW	9	29	28	28	10
09 60 10	1005.5 S	9	29	28	27	10
10 30 4	1012.8 ESE	4	27	27	26	10
11 UNL 1	1014.6 NE	5	18	18	16	6
12 3	1013.6 SSE	10	27	27	26	10
13 4 10	1019.3 W	8	20	20	18	8
14 10 15	1021.3 SSW	15	23	23	21	10
15 8 2	1006.4 SW	15	30	29	28	10
16 UNL 15	1015.1 NW	20	18	17	14	10
17 15 6	1004.9 WNW	7	30	30	30	10
18 UNL 10	1010.8 NNM	16	17	17	13	4
19 UNL 3	1022.2 NNM	15	11	12	9	8
20 10 3	1010.3 SSW	20	26	26	25	10
21 7 4	1006.3 W	17	23	23	21	9
22 10 4	1013.6 NW	14	21	20	19	9
23 4 2	1015.7 SSW	20	20	20	18	10
24 100 5	1012.2 W	13	32	32	32	9
25 1 10	1012.3 S	5	29	29	29	10
26 9 4	1008.4 SSW	10	28	28	27	10
27 12 10	1010.6 W	11	26	26	25	10
28 12 10	1010.0 SSW	10	24	24	22	10
29 25 10	1002.9 S	15	27	27	25	10
30 100 10	994.6 SSW	15	22	22	20	10

AVG 1010.1 11 25 24 23 9

MOULD BAY NMT  
SEPTEMBER 1971 1100 MST

01 UNL 15	1009.6 N	5	19	18	15	3
02 10 10	1011.7 NNM	8	31	30	29	9
03 1 4	1014.3 NNM	6	25	25	23	8
04 UNL 10	1010.5 CALM	22	22	20	0	
05 20 10	1003.8 ENE	10	29	29	28	10
06 30 15	1005.7 E	3	27	26	24	10
07 10 10	1003.1 SW	10	27	27	26	10
08 12 10	1001.6 S	5	30	29	29	10
09 70 5	1006.8 SSE	4	29	29	28	10
10 30 8	1013.0 CALM	27	27	26	10	
11 UNL 15	1014.6 ENE	3	15	15	13	4
12 70 2	1013.6 S	5	27	27	26	10
13 10 10	1020.7 NW	5	20	20	18	9
14 25 15	1019.9 SSW	22	26	25	24	10
15 5 2	1004.6 W	14	27	26	24	10
16 80 15	1015.2 W	8	21	21	19	9
17 4 2	1004.4 WNW	6	30	30	30	10
18 10 10	1012.7 NNM	13	19	17	10	
19 UNL 10	1022.1 NNM	10	14	14	11	9
20 8 10	1008.6 SSW	14	27	27	25	10
21 10 10	1006.3 NNM	15	24	24	22	10
22 20 10	1015.4 NNM	10	17	16	13	8
23 10 1	1004.6 W	28	22	21	19	10
24 10 6	1012.5 W	9	32	32	32	10
25 20 6	1012.4 S	6	29	29	29	10
26 10 5	1007.8 SSW	8	29	29	29	10
27 10 5	1011.1 WSW	10	26	25	24	10
28 70 15	1010.1 WSW	10	22	22	20	9
29 25 15	1002.9 SSW	19	25	25	23	9
30 100 10	994.0 SSW	15	21	21	19	8

AVG 1010.1 9 25 24 23 9

Date	Calling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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MOULD BAY NMT  
SEPTEMBER 1971 1400 MST

01 UNL 15	1010.3 NNM	6	20	19	15	3
02 12 8	1012.3 NNM	11	31	31	30	10
03 UNL 10	1014.4 WNW	8	26	26	25	7
04 UNL 10	1009.7 ENE	5	24	24	22	7
05 15 15	1003.9 E	10	30	30	29	10
06 15 15	1005.9 N	5	29	28	26	10
07 10 15	1002.5 SSW	10	27	27	26	10
08 12 4	1002.1 SSW	8	30	29	28	10
09 UNL 10	1008.3 S	11	29	29	28	8
10 30 10	1013.4 CALM	28	27	26	10	
11 UNL 15	1014.8 CALM	28	27	24	7	
12 70 15	1013.3 SE	8	28	28	27	9
13 10 15	1022.6 SSW	7	22	22	20	9
14 15 15	1018.3 SSW	22	26	26	24	10
15 6 8	1007.5 NNM	21	25	25	23	10
16 20 5	1014.1 SSW	5	23	23	22	10
17 6 4	1004.4 SSW	6	31	31	30	10
18 5 1/2SF	1014.3 NNM	20	21	20	18	10
19 70 10	1021.5 W	7	19	19	16	10
20 10 10	1007.4 SSW	10	28	27	26	10
21 12 5	1006.3 NNM	25	24	23	21	9
22 10 9	1017.0 NNM	10	16	16	12	10
23 6 3	1011.8 SSW	15	27	26	24	10
24 15 15	1012.9 SSE	8	27	26	24	9
25 15 10	1012.7 S	12	27	27	26	10
26 15 5	1007.8 SSW	9	30	30	29	10
27 10 10	1011.7 SSW	9	24	24	23	10
28 20 5	1009.6 SSW	12	24	24	23	10
29 90 15	1001.7 S	18	24	24	21	9
30 15 10	993.8 SW	12	20	20	18	9

AVG 1010.2 10 26 25 24 9

MOULD BAY NMT  
SEPTEMBER 1971 1700 MST

01 4 6	1010.6 NNM	7	20	20	16	10
02 10 10	1012.8 NW	14	31	31	30	10
03 UNL 10	1014.1 NNM	7	26	25	23	4
04 UNL 10	1008.6 NE	10	25	24	23	7
05 15 7	1003.9 NE	11	29	29	28	10
06 35 15	1005.9 NNM	4	28	28	26	10
07 20 4	1002.0 SW	10	28	27	26	10
08 90 6	1002.7 S	7	28	28	27	10
09 20 10	1009.6 SSE	10	29	28	27	10
10 70 10	1013.0 CALM	27	27	26	10	
11 80 15	1014.6 N	8	30	30	29	9
12 20 10	1013.3 SSE	10	29	29	27	10
13 9 15	1023.1 W	10	25	25	24	10
14 15 15	1016.8 SSW	19	27	27	25	10
15 5 2	1003.3 NNM	27	23	23	21	10
16 20 15	1012.5 S	8	25	25	23	10
17 6 4	1004.3 CALM	31	31	30	10	
18 10 10	1017.1 NNM	15	14	11	8	
19 6 10	1020.3 WSW	10	21	20	18	10
20 14 10	1007.0 SSW	7	28	28	26	10
21 15 10	1003.3 NNM	14	22	21	19	9
22 UNL 10	1018.9 NNM	8	12	11	7	8

## SYNOPTIC OBSERVATIONS

## MOULD BAY

Date	Cloud (100%)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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Date	Cloud (100%)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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Date	Cloud (100%)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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Date	Cloud (100%)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY  
OCTOBER 1971 0200 MST

01	45	10		994.6	WSW	12	20	20	18	10
02	5	2	S-	1002.3	WSW	6	15	15	13	10
03	80	2	S-	1011.3	SSW	10	12	12	10	10
04	1	1/2F		1015.6	CALM					0
05	10	1C		1014.2	NNW	9	-1	-2	-4	3
06	20	15		1024.1	M	5	2	2	6	9
07	10	10		1026.9	ESE	4	1	1	3	10
08	15	4	S-	1018.9	SSE	11	19	19	17	10
09	10	10		1014.1	ESE	9	16	14	8	5
10	24	10		1021.0	S	16	21	21	19	10
11	9	3	S-BS	1013.1	S	20	19	19	17	10
12	35	10		1005.7	SE	17	17	17	15	10
13	10	6	BS	1000.6	NNW	20	3	3	2	0
14	30	5	BS	1015.4	M	20	5	5	2	7
15	30	10		1021.1	NN	12	5	5	2	10
16	80	10		1017.0	S	12	3	3	0	6
17	20	4	S-	1005.1	E	18	10	10	7	10
18	40	6	BS	1002.6	ENE	26	15	15	13	10
19	10	1	BS	1005.2	NNE	26	-3	-3	-5	4
20	20	3	S-	990.3	NE	17	16	16	15	10
21	30	5	S-	989.2	NNE	15	17	17	15	10
22	10	10		1000.2	M	6	-7	-7	-11	2
23	40	10		1009.5	SE	6	2	2	-1	10
24	40	8	1C	1006.4	SSW	3	5	5	2	10
25	20	8	S-	1011.1	E	3	8	8	5	10
26	10	15		1017.6	NE	4	-6	-6	-9	0
27	10	10		1020.7	NE	2	5	5	2	10
28	12	7		1023.8	E	6	1	1	-1	10
29	17	4	BS	1009.8	E	20	2	2	-1	10
30	10	10		1002.8	CALM	7	6	6	0	7
31	50	15		1001.6	NNE	5	5	5	2	10
AVG				1009.8		11	8	8	5	8

MOULD BAY  
OCTOBER 1971 0800 MST

01	70	15		996.4	SW	6	20	20	17	10
02	10	3	S-	1005.4	WSW	5	13	13	11	9
03	10	15	S-	1010.4	SE	5	10	10	8	10
04	10	15	S-	1016.5	NNE	5	1	-1	-8	8
05	30	1/2S-F		1016.0	ENE	4	-1	-1	-8	10
06	10	5	F	1025.1	ESE	7	0	0	3	10
07	10	15		1025.7	CALM		-3	-3	-10	0
08	15	5	S-F	1016.9	SSE	11	22	22	20	10
09	10	15		1015.8	SE	9	10	9	4	7
10	17	10		1020.3	SSE	20	20	20	18	10
11	10	1	S-BS	1011.5	S	26	17	17	15	10
12	30	4	S-F	1001.2	E	16	17	17	15	10
13	10	4	BS	1007.3	NNW	18	-9	-9	-13	1
14	15	3	BS	1014.5	WSW	27	1	1	-3	10
15	20	10		1023.0	NNW	10	4	4	1	10
16	20	7	S-	1012.8	S	5	8	8	5	10
17	10	10		1003.0	E	22	8	9	6	7
18	10	1	BS	1003.5	ENE	18	12	12	9	7
19	10	2	BS	1004.3	NNE	19	1	1	-1	7
20	30	3	S-	987.9	N	15	16	16	15	10
21	15	2	S-	990.4	NNE	18	16	16	14	10
22	10	10	1C	1002.3	NN	4	-6	-6	-10	4
23	40	6	F	1005.6	SE	10	1	1	-1	10
24	22	15		1006.9	ESE	5	5	5	2	9
25	22	10		1012.3	ESE	14	10	10	7	9
26	10	15		1018.5	CALM		-6	-5	-8	5
27	13	10		1021.6	NNW	10	2	2	-1	10
28	11	7		1019.2	E	5	0	0	-3	10
29	12	2	BS	1006.8	E	30	9	9	4	10
30	30	7	S-	1001.7	E	5	8	8	6	10
31	10	15		1001.3	NE	5	-3	-3	-5	1
AVG				1009.8		11	6	6	3	8

MOULD BAY  
OCTOBER 1971 1400 MST

01	40	15		997.3	SW	9	20	20	17	9
02	12	15		1008.7	WSW	10	12	11	8	8
03	10	15		1010.8	NE	2	11	11	9	2
04	70	5	S-F	1015.7	ENE	12	9	9	6	10
05	10	10	S-F	1018.9	SM	12	10	10	7	9
06	40	10		1026.5	CALM		3	3	2	8
07	70	7	S-	1023.5	ESE	15	0	0	-4	10
08	15	5	S-	1015.9	SSE	16	21	21	19	10
09	10	15		1018.7	S	6	15	14	10	10
10	20	10		1017.5	S	21	18	18	16	10
11	15	7		1010.0	SSE	25	16	16	14	10
12	10	2	S-	997.6	E	14	19	19	17	10
13	10	2	S-	1013.3	NNW	5	-9	-9	-13	5
14	10	2	BS	1002.1	NNW	21	12	12	9	9
15	15	10		1022.1	SW	3	5	5	2	10
16	13	3	S-	1009.5	ESE	14	8	8	5	7
17	25	10		1003.0	E	20	12	11	7	10
18	10	4	BS	1005.1	NE	20	1	1	-2	5
19	10	4	BS	1001.9	N	16	1	1	-1	5
20	20	4	S-	987.5	ENE	18	23	23	22	10
21	30	10		993.8	W	15	9	10	8	10
22	10	10		1004.4	NE	5	-7	-7	-15	10
23	20	5	F	1005.7	E	10	0	0	-3	8
24	10	15		1009.3	SW	4	-1	-1	-4	4
25	10	15		1014.2	ESE	3	3	3	2	5
26	15	7	S-	1019.5	CALM		0	1	-2	10
27	10	7		1021.9	NNW	9	1	2	1	10
28	10	7		1016.7	NE	10	-2	-1	-3	10
29	10	10	S-	1004.7	ESE	17	1	1	-4	10
30	35	15		1001.6	ESE	12	9	9	6	9
31	70	15		1001.5	CALM		-5	-5	-9	8
AVG				1010.0		11	7	7	4	8

MOULD BAY  
OCTOBER 1971 2000 MST

01	30	6	S-	999.2	W	10	18	18	15	10
02	10	15	1C	1010.9	E	2	6	6	3	9
03	10	15		1012.7	NNE	4	2	2	0	0
04	3	2	S-F	1013.4	NE	11	10	10	8	10
05	20	7	S-	1021.3	M	16	10	10	7	7
06	30	10		1027.3	CALM		6	6	3	10
07	20	2	S-BS	1020.2	ESE	16	13	13	10	10
08	18	7	S-	1013.9	SE	18	23	23	21	10
09	12	15		1020.4	SSW	3	19	19	16	10
10	12	2	S-BS	1013.7	S	23	19	19	17	10
11	15	10		1008.0	SSE	21	17	17	14	10
12	15	2	S-	997.0	NNE	13	18	18	16	10
13	10	10		1015.6	M	6	3	3	-1	4
14	12	3	S-	1018.9	NN	16	6	6	3	10
15	10	4	S-	1019.6	SW	9	8	8	6	10
16	12	4	S-	1006.5	ESE	15	9	9	6	10
17	35	6	BS	1002.9	E	24	15	15	12	10
18	10	1	BS	1005.2	NNE	27	-3	-3	-5	4
19	10	4	BS	995.7	N	21	-2	-2	-4	2
20	15	4	S-	988.8	NNE	10	18	18	17	10
21	10	10	1C	997.2	NNW	15	3	3	0	2
22	10	15		1005.4	NE	5	-8	-8	-12	1
23	20	5	F	1005.7	SW	5	1	1	-1	10
24	20	10		1009.5	SE	6	5	5	2	10
25	10	15		1015.6	CALM		0	0	-4	1
26	40	10		1019.6	NNW	5	8	8	5	10
27	11	4	S-	1021.8	NN	10	2	2	-2	10
28	10	7		1013.1	E	17	-2	-1	-5	10
29	35	10		1003.1	E	15	4	4	0	8
30	35	10	S-	1001.4	SE	3	9	9	6	9
31	10	15		1001.7	NE	4	-8	-8	-11	3
AVG				1009.9		11	7	7	5	8

MOULD BAY  
OCTOBER 1971 0500 MST

01	18	5	BS	995.3	SW	15	20	20	17	10
02	9	2	S-	1003.9	SSW	6	14	14	12	10
03	80	10	S-	1010.8	SSE	5	10	10	9	9
04	70	10	S-	1016.5	CALM		2	2	-1	9
05	10	10		1015.1	M	6	-1	-1	-4	2
06	20	10	S-	1024.7	SW	5	8	8	5	8
07	10	10		1026.5	ENE	9	-1	-1	-5	2
08	15	4	S-	1017.7	SSE	12	21	21	20	10
09	10	10		1015.2	SE	9	14	12	6	4
10	17	10		1021.1	S	20	20	20	17	10
11	17	2	S-BS	1011.8	S	24	18	18	16	10
12	33	5	S-	1009.1	ESE	18	5	5	2	10
13	10	1	BS	1003.4	NNW	23	0	1	5</	

## SYNOPTIC OBSERVATIONS

## MOULD BAY

Date	Calling (1000's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (numb)
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MOULD BAY NMT  
NOVEMBER 1971 0200 MST

01 UNL 15	1002.4 CALM	-12	-12	-17	1	
02 UNL 15	1008.2 NW	8	-18	-18	-23	7
03 40 10	1013.0 WNW	15	-14	-14	-19	10
04 UNL 10	1013.4 N	4	-24	-24	-29	3
05 UNL 10	1025.2 N	12	-20	-20	-24	2
06 UNL 4	IF 1029.5 NNE	14	-19	-18	-22	0
07 UNL 10	1029.5 WNW	9	-16	-16	-21	0
08 UNL 4	BS 1023.1 N	25	-17	-17	-22	7
09 UNL 10	1025.9 N	2	-14	-14	-16	2
10 UNL 15	1031.1 ESE	1	-16	-16	-20	0
11 UNL 15	1031.2 CALM	-12	-12	-17	1	
12 UNL 10	1027.4 NW	3	-7	-7	-12	0
13 UNL 15	1029.8 NE	5	-7	-7	-14	0
14 UNL 15	1025.3 CALM	-20	-20	-22	0	
15 UNL 15	1029.0 NNE	5	-16	-16	-21	0
16 UNL 15	1034.2 CALM	8	-15	-15	-22	0
17 UNL 15	1035.8 ENE	5	-26	-24	-34	0
18 UNL 15	1026.4 SE	6	-21	-21	-24	0
19 UNL 15	1013.8 CALM	-18	-18	-26	0	
20 80 6	S- 1004.0 SSE	12	-3	-3	-5	10
21 30 10	1004.9 W	8	-4	-4	-8	7
22 UNL 5	IC 1019.0 N	11	-22	-21	-23	2
23 20 5	S- 1023.3 S	3	-15	-15	-18	10
24 UNL 8	1024.8 WNW	8	-20	-20	-26	2
25 UNL 10	IC 1027.5 ENE	3	-25	-25	-28	0
26 UNL 15	1040.3 CALM	-23	-23	-29	1	
27 UNL 15	1039.0 CALM	-22	-22	-26	0	
28 UNL 15	1033.0 NE	2	-28	-28	-30	0
29 UNL 15	1025.2 CALM	-21	-21	-25	2	
30 UNL 15	1027.1 ENE	3	-33	-33	-37	0
AVG	1023.8	5	-18	-18	-22	2

MOULD BAY NMT  
NOVEMBER 1971 0500 MST

01 UNL 15	1002.8 CALM	-17	-17	-24	1	
02 UNL 3	IF 1009.2 NNE	3	-16	-16	-20	9
03 90 10	1013.0 W	14	-16	-16	-23	9
04 UNL 10	1014.5 CALM	-25	-25	-28	1	
05 UNL 10	1026.4 NNE	7	-19	-19	-23	2
06 UNL 10	1029.6 NNE	9	-20	-20	-25	0
07 UNL 10	1029.0 NW	8	-17	-17	-22	0
08 UNL 10	1023.3 N	12	-17	-17	-22	3
09 80 10	1025.9 NNE	3	-10	-9	-12	10
10 UNL 15	1031.7 ESE	3	-11	-11	-16	0
11 UNL 15	1030.7 WSW	2	-16	-16	-20	4
12 UNL 15	1027.2 S	3	-3	-3	-7	0
13 UNL 15	1029.6 NNE	5	-9	-9	-15	0
14 UNL 15	1025.3 E	4	-21	-20	-22	0
15 UNL 10	IC 1029.8 NNE	4	-14	-14	-18	0
16 UNL 15	1034.2 CALM	-16	-16	-22	0	
17 UNL 15	1035.3 ENE	5	-26	-26	-34	0
18 UNL 10	IC 1023.9 SSE	11	-21	-21	-23	0
19 UNL 15	1012.7 CALM	-18	-18	-28	0	
20 80 5	S-BS 1002.2 S	20	-1	-1	-4	10
21 UNL 10	1006.3 WNW	12	-10	-10	-15	4
22 UNL 5	IC 1021.4 E	4	-21	-21	-24	1
23 20 5	S- 1020.1 SE	7	-7	-7	-10	10
24 UNL 8	1016.4 WNW	4	-23	-23	-28	0
25 UNL 10	1030.3 CALM	-27	-27	-31	0	
26 UNL 15	1040.1 ENE	3	-22	-22	-26	0
27 UNL 15	1038.6 NE	1	-22	-22	-26	0
28 UNL 15	1031.6 CALM	-30	-30	-33	1	
29 UNL 15	1025.2 NE	2	-22	-22	-28	3
30 UNL 15	1027.4 CALM	-35	-35	-38	0	
AVG	1023.8	5	-18	-18	-22	2

Date	Calling (1000's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (numb)
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MOULD BAY NMT  
NOVEMBER 1971 0800 MST

01 UNL 6	IF 1003.3 ENE	4	-13	-13	-16	1
02 90 10	1010.2 NNE	3	-17	-17	-21	10
03 UNL 10	1012.4 W	7	-18	-18	-23	7
04 UNL 10	1015.6 CALM	-24	-24	-26	3	
05 UNL 10	1027.5 N	12	-18	-18	-22	6
06 UNL 4	IF 1029.3 NNE	10	-20	-20	-26	0
07 UNL 10	1027.8 NNE	19	-17	-17	-22	0
08 UNL 10	1024.3 N	9	-15	-15	-20	3
09 80 10	1025.6 N	5	-7	-7	-10	10
10 UNL 15	1032.2 NW	1	-18	-18	-22	0
11 UNL 15	1029.7 NNE	3	-11	-10	-14	2
12 UNL 15	1027.2 NNE	5	-3	-3	-10	1
13 UNL 15	1029.7 N	3	-13	-13	-18	0
14 UNL 15	1025.1 CALM	-21	-20	-22	0	
15 UNL 10	IC 1030.9 NE	3	-17	-17	-22	0
16 UNL 15	1034.4 ENE	5	-21	-21	-28	0
17 UNL 15	1034.9 CALM	-29	-29	-35	0	
18 UNL 10	IC 1021.9 SE	7	-21	-20	-22	0
19 UNL 15	1010.9 W	2	-19	-19	-27	0
20 80 1	S-BS 1000.2 SSW	25	0	0	-3	10
21 UNL 5	IC 1008.0 NNE	8	-12	-11	-13	3
22 UNL 10	1023.5 NE	3	-25	-25	-29	1
23 20 5	S- 1017.3 E	10	-7	-7	-10	10
24 UNL 10	IC 1017.5 NNE	6	-20	-22	-24	0
25 UNL 15	1033.3 ENE	3	-28	-28	-30	0
26 UNL 10	1039.5 ENE	3	-24	-24	-28	0
27 UNL 15	1038.2 ENE	1	-26	-26	-30	0
28 UNL 15	1029.9 CALM	-32	-32	-33	1	
29 UNL 15	1025.2 NE	2	-25	-25	-28	2
30 UNL 15	1027.5 CALM	-36			0	
AVG	1023.8	5	-19	-19	-23	2

MOULD BAY NMT  
NOVEMBER 1971 1100 MST

01 6 3	IF 1003.3 E	2	-15	-15	-17	10
02 UNL 5	IF 1011.2 WNW	10	-19	-19	-23	3
03 UNL 4	F 1012.3 NW	6	-20	-20	-23	1
04 UNL 5	ICIF 1016.9 NNE	5	-22	-22	-26	10
05 UNL 10	1028.3 NNE	15	-18	-18	-23	1
06 UNL 10	1028.5 N	10	-19	-19	-25	0
07 UNL 15	1027.5 WNW	10	-15	-15	-20	0
08 UNL 8	1024.8 NNE	10	-16	-16	-21	4
09 UNL 2	BS 1026.0 NNE	6	-11	-11	-15	7
10 UNL 15	1032.2 CALM	-17	-17	-24	3	
11 70 15	1029.0 N	6	-4	-4	-7	8
12 UNL 15	1027.7 NE	4	-3	-3	-9	1
13 UNL 15	1028.5 NNE	8	-12	-12	-19	2
14 UNL 15	1025.1 CALM	-15	-15	-20	8	
15 UNL 10	1031.7 E	4	-18	-18	-23	2
16 UNL 15	1035.1 NE	3	-23	-23	-29	0
17 UNL 15	1034.0 NE	4	-27	-27	-33	0
18 UNL 15	1020.3 SSE	2	-19	-19	-26	0
19 UNL 15	1009.6 SSW	8	-12	-12	-18	5
20 UNL 5	ICIF 999.7 S	10	3	3	-1	8
21 UNL 10	IC 1009.7 WNW	10	-20	-22	-23	2
22 UNL 10	1025.1 NE	3	-22	-22	-24	2
23 20 6	S- 1015.3 ESE	10	-5	-5	-8	10
24 UNL 15	1018.5 E	3	-21	-21	-28	2
25 UNL 15	1034.9 CALM	-24	-24	-34	0	
26 UNL 15	1039.4 CALM	-26	-26	-34	1	
27 UNL 15	1037.2 NE	4	-24	-24	-29	0
28 UNL 15	1028.6 CALM	-28	-28	-32	1	
29 UNL 15	1025.4 CALM	-27	-27	-29	1	
30 UNL 15	1027.7 CALM	-38			0	
AVG	1023.8	5	-18	-18	-23	3

Date	Calling (1000's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (numb)
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MOULD BAY NMT  
NOVEMBER 1971 1400 MST

01 UNL 3	IF 1004.5 ENE	6	-14	-14	-17	9
02 UNL 8	1011.8 NW	13	-19	-18	-21	2
03 UNL 4	F 1012.8 NE	3	-20	-20	-26	10
04 UNL 10	1018.2 NNE	8	-20	-20	-24	1
05 UNL 4	IF 1029.3 NNE	20	-15	-15	-18	0
06 UNL 8	1029.4 WNW	5	-17	-17	-24	0
07 UNL 4	IF 1028.3 NNE	15	-15	-15	-18	0
08 UNL 10	1025.1 N	7	-19	-19	-24	2
09 UNL 15	1027.6 NNE	6	-16	-16	-21	1
10 UNL 15	1032.8 CALM	-13	-13	-21	9	
11 UNL 15	1028.9 NN	3	-6	-6	-11	5
12 UNL 15	1028.5 NN	3	-5	-5	-8	1
13 UNL 15	1028.4 ENE	5	-14	-14	-18	2
14 12 15	1025.4 NNE	3	-9	-9	-14	9
15 UNL 10	IC 1032.2 N	4	-14	-13	-17	1
16 UNL 15	1035.3 NE	2	-25	-25	-31	0
17 UNL 15	1033.8 NE	3	-27	-27	-32	0
18 UNL 15	1015.5 SSW	4	-21	-21	-28	1
19 UNL 15	1008.5 SSE	15	-9	-9	-14	7
20 25 6	BS 999.7 WSW	18	3	3	-1	9
21 UNL 3	ICIF 1011.3 NNE	7	-20	-20	-23	2
22 UNL 15	1026.5 CALM	-26	-26	-28	2	
23 50 7	S- 1014.2 E	6	-4	-4	-7	10
24 UNL 15	1019.0 ENE	4	-24	-24	-34	1
25 UNL 15	1027.8 CALM	-26	-26	-31	0	
26 UNL 15	1038.4 CALM	-25	-25	-31	0	
27 UNL 15	1036.9 CALM	-24	-24	-30	1	
28 UNL 15	1027.7 ENE	2	-23	-23	-27	2
29 UNL 15	1026.0 CALM	-31	-30	-32	1	
30 UNL 15	1027.8 CALM	-37			0	
AVG	1024.2	5	-18	-18	-23	3

MOULD BAY NMT  
NOVEMBER 1971 1700 MST

01 UNL 5	IF 1005.4 CALM	-17	-17	-20	5	
02 40 5	ICIF 1013.0 WNW	11	-19	-18	-21	8
03 UNL 3	F 1012.1 ESE	3	-23	-22	-25	3
04 UNL 10	1019.8 NNE	10	-20	-20	-25	4
05 UNL 4	IFBS 1029.8 N	20	-16	-16	-22	0
06 UNL 10	1029.9 NNE	12	-20	-20	-29	0
07 UNL 4	IF 1027.3 N	10	-14	-14	-16	1
08 UNL 10	1028.7 NNE	6	-19	-19	-24	2
09 UNL 15	1028.4 NN	8	-18	-18	-22	1
10 UNL 15	1032.6 ENE	4	-13	-13	-19	1
11 UNL 15	1028.3 NN	5	-4	-4	-8	4
12 UNL 15	1029.0 CALM	-3	-3	-6	1	
13 UNL 15	1027.4 CALM	-18	-18	-23	2	
14 UNL 15	1025.7 WNW	2	-15	-15	-20	1
15 UNL 10	1025.8 SSW	4	-14	-14	-19	0
16 UNL 15	1035.8 ENE	4	-25	-25	-29	0
17 UNL 15	1032.6 NE	3	-26	-26	-32	1
18 UNL 15	1017.6 CALM	-20	-20	-25	1	
19 UNL 15	1007.0 SE	14	-7	-7	-11	7
20 30 6	BS 1000.3 W	15	-1	-1	-3	7
21 UNL 5	ICIF 1012.7 NE	7	-17	-17	-20	1
22 UNL 10	1025.6 NE	5	-22	-22	-27	2
23 20 6	S- 1013.8 E	5	-4	-4	-6	7
24 50 4	S- 1020.1 CALM	-20	-20	-24	10	
25 UNL 15	1038.2 CALM	-27	-27	-32	2	
26 UNL 15	1039.2 CALM	-24	-24	-31	0	
27 UNL 15	1036.0 NE	4	-23	-23	-31	0
28 UNL 15	1026.4					

## SYNOPTIC OBSERVATIONS

MOULD BAY

Date	Calling (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NMT  
DECEMBER 1971 0200 MST

01 UNL 15				1027.4	ENE	2	-35	-35	-38	0
02 UNL 15				1023.9	CALM		-34	-34	-38	2
03 UNL 10	IC			1023.2	E	15	-18	-18	-23	0
04 UNL 10	IC			1027.6	W	4	-24	-24	-30	3
05 2 2	IC IF			1020.4	CALM		-16	-16	-19	10
06 UNL 10	IC			1014.0	NW	10	-19	-19	-21	10
07 UNL 10	IC			1022.0	CALM		-40			0
08 60 6	IC			1015.0	SSE	4	-25	-25	-29	10
09 UNL 15				1020.6	CALM		-35	-35	-41	2
10 UNL 5	IC			1028.7	NNW	12	-28	-28	-32	2
11 UNL 10	IC			1029.1	NE	3	-25	-25	-29	0
12 UNL 10	IC			1034.3	NE	3	-31	-31	-37	0
13 UNL 10	IC			1031.5	CALM		-30	-30	-36	0
14 UNL 15				1026.4	SSW	11	-23	-23	-29	0
15 UNL 15				1023.0	S	15	-21	-21	-25	0
16 UNL 15				1010.4	S	10	-14	-14	-19	0
17 90 8				1002.3	SSW	17	-13	-13	-16	10
18 UNL 10	IC			998.1	CALM		-33	-33	-36	0
19 UNL 15				997.6	ENE	4	-40			0
20 UNL 10				1010.4	NNW	14	-46			0
21 UNL 10	IC			1025.4	NNW	10	-40			0
22 UNL 10	IC			1029.9	NNW	10	-30	-30	-36	0
23 UNL 15	IC			1029.5	CALM		-40			0
24 UNL 1	BS			1022.9	NNW	19	-19	-19	-25	6
25 30 10				1009.3	WSW	16	-8	-8	-14	10
26 UNL 10				1010.0	NNE	2	-20	-20	-24	10
27 80 7	S-			1009.8	CALM		-27	-27	-33	10
28 UNL 15				1004.6	N	4	-28	-28	-33	3
29 80 8	IC			1003.4	CALM		-11	-11	-15	10
30 UNL 15				1001.0	SSE	11	-24	-24	-32	0
31 UNL 15				994.0	CALM		-30	-29	-36	6
AVG				1016.9		6	-27	-27	-31	3

MOULD BAY NMT  
DECEMBER 1971 0500 MST

01 UNL 15				1027.1	CALM		-34	-34	-38	0
02 UNL 15				1023.0	CALM		-29	-29	-33	2
03 UNL 8				1024.1	ENE	20	-19	-19	-25	6
04 UNL 8	IC			1027.2	W	4	-20	-20	-25	6
05 UNL 11/2	IC			1018.4	SW	3	-17	-17	-20	8
06 UNL 10	IC			1014.8	NW	8	-23	-23	-25	3
07 UNL 10	IC			1022.5	NE	2	-38			0
08 UNL 10	IC			1014.0	SSE	4	-27	-27	-35	4
09 UNL 10	IC			1022.4	CALM		-36			0
10 100 2	IC IF			1029.2	NNW	10	-27	-27	-31	10
11 UNL 10	IC			1029.4	N	11	-27	-27	-31	0
12 UNL 10	IC			1034.0	CALM		-23	-23	-27	0
13 UNL 10	IC			1030.0	E	4	-28	-29	-35	0
14 UNL 15				1026.4	SE	10	-24	-24	-30	0
15 UNL 10	IC			1021.8	S	17	-20	-20	-24	0
16 UNL 15				1009.0	S	5	-15	-14	-18	0
17 27 10				1001.8	S	11	-12	-12	-16	10
18 UNL 10	IC			996.9	SSE	5	-32	-32	-36	0
19 UNL 10	IC			998.6	CALM		-41			0
20 UNL 5	IF			1012.5	NNW	10	-46			0
21 UNL 10	IC			1030.0	E	4	-36			0
22 UNL 7	IC			1030.4	NNW	10	-30	-30	-36	0
23 UNL 10	IC			1028.7	NE	4	-40			0
24 UNL 1	BS			1022.2	NW	13	-16	-17	-27	4
25 30 10				1007.4	N	10	-8	-8	-14	10
26 UNL 10	IC			1011.0	NNW	3	-17	-17	-21	4
27 70 5	IC			1008.7	CALM		-26	-26	-32	10
28 UNL 15				1005.0	N	10	-28	-28	-33	3
29 80 8	IC			1003.4	CALM		-14	-14	-19	10
30 UNL 15				999.4	CALM		-24	-24	-31	0
31 UNL 15	IC			994.3	SSE	7	-31	-31	-37	5
AVG				1016.7		6	-26			3

Date	Calling (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NMT  
DECEMBER 1971 0800 MST

01 UNL 15				1027.0	NE	4	-31	-31	-35	0
02 UNL 15				1022.5	CALM		-32	-32	-33	3
03 UNL 15				1025.3	ENE	20	-22	-22	-28	0
04 UNL 10	IC			1026.3	NW	14	-25	-25	-33	0
05 70 4	IC			1016.9	W	15	-15	-15	-17	10
06 UNL 10	IC			1015.9	NW	11	-30	-30	-33	0
07 70 10	IC			1021.3	CALM		-37			10
08 UNL 10	IC			1013.4	SSE	4	-29	-29	-37	2
09 UNL 10	IC			1024.5	NW	2	-37			0
10 50 2	IC IF			1029.2	W	4	-24	-24	-28	10
11 UNL 10	IC			1030.0	NE	4	-28	-27	-29	3
12 UNL 7	IC IF			1034.9	CALM		-22	-22	-26	1
13 UNL 6	IC IF			1028.2	S	9	-24	-24	-30	0
14 UNL 15				1025.9	S	10	-23	-23	-29	0
15 UNL 15	IC			1020.2	SE	5	-21	-21	-26	0
16 UNL 15				1007.2	SE	14	-14	-14	-18	0
17 UNL 15				1001.1	SW	8	-13	-12	-15	3
18 UNL 10	IC			996.0	CALM		-34	-34	-38	0
19 UNL 10	IC			999.8	CALM		-41			0
20 UNL 5	IF			1014.0	N	8	-47			0
21 UNL 10	IC			1025.9	NNW	10	-33	-33	-42	0
22 UNL 10	IC			1030.4	NW	10	-31	-31	-37	0
23 UNL 15	IC			1027.7	NE	3	-36			0
24 UNL 6	3/4RS			1021.1	NW	24	-16	-16	-22	8
25 30 10	S-			1006.0	NE	4	-9	-9	-14	10
26 UNL 10				1011.2	NNE	3	-20	-20	-27	0
27 UNL 10	IC			1007.5	NE	3	-29	-29	-35	7
28 90 10	IC			1004.6	CALM		-23	-23	-29	8
29 80 8	IC			1003.4	CALM		-16	-16	-21	10
30 UNL 15				998.1	SSE	7	-25	-25	-35	3
31 UNL 15	IC			994.3	S	15	-29	-29	-35	5
AVG				1016.5		7	-26	-26	-32	3

MOULD BAY NMT  
DECEMBER 1971 1100 MST

01 UNL 15				1027.0	CALM		-31	-31	-33	1
02 UNL 15	IC			1021.9	ENE	2	-29	-29	-31	3
03 UNL 10				1026.1	ENE	9	-24	-24	-30	1
04 UNL 7	IC			1025.5	NNW	6	-26	-26	-32	3
05 70 4	BS			1015.2	N	13	-15	-15	-19	10
06 UNL 7				1016.8	NW	13	-35	-35	-41	1
07 UNL 2	IC IF			1020.1	ENE	3	-32	-32	-36	3
08 UNL 10	IC			1013.9	NNE	4	-29	-29	-33	4
09 UNL 5	IC IF			1025.2	ENE	3	-37			0
10 20 10	IC			1028.9	NNW	14	-25	-24	-27	10
11 UNL 10	IC			1030.7	CALM		-26	-27	-34	0
12 UNL 4	IC IF			1034.9	CALM		-21	-21	-23	0
13 UNL 7	IC			1027.2	S	10	-23	-23	-28	0
14 UNL 15				1025.7	S	10	-24	-24	-32	2
15 UNL 15	IC			1019.1	SSW	7	-21	-21	-25	2
16 UNL 15				1006.7	S	11	-15	-15	-20	3
17 UNL 10	IC			1001.1	W	12	-18	-18	-22	8
18 UNL 10	IC			996.9	ENE	3	-34	-34	-38	2
19 UNL 10	IC			1001.2	N	5	-38			0
20 UNL 6	IF			1015.2	NNW	9	-48			1
21 UNL 10	IC			1027.4	W	10	-28	-28	-34	2
22 UNL 10	IC			1030.3	N	5	-32	-32	-38	0
23 UNL 15	IC			1026.7	NNW	8	-29	-29	-40	0
24 40 10				1020.7	NNW	9	-16	-16	-22	10
25 20 10	S-			1005.7	NW	10	-11	-11	-17	10
26 UNL 15				1011.3	NE	3	-25	-25	-33	0
27 UNL 10	IC			1005.8	NE	3	-29	-29	-35	4
28 80 8	IC			1003.5	CALM		-18	-18	-23	8
29 30 10	IC			1003.4	CALM		-16	-16	-22	10
30 UNL 15				994.4	ENE	2	-29	-29	-40	1
31 UNL 5	ICBS			994.3	S	21	-28	-28	-34	10
AVG				1016.2		7	-26	-26	-30	4

Date	Calling (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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MOULD BAY NMT  
DECEMBER 1971 1400 MST

01 UNL 15				1026.4	CALM		-35	-35	-38	2
02 UNL 15	IC			1021.9	CALM		-29	-29	-31	6
03 UNL 3	IF			1026.8	NNW	3	-23	-23	-25	1
04 UNL 4	IC IF			1024.6	NNW	7	-25	-25	-29	1
05 70 3	BS			1014.7	W	12	-17	-17	-20	10
06 UNL 5	IF			1016.6	NW	10	-40			0
07 UNL 5	IC IF			1019.4	ENE	4	-30	-30	-33	1
08 UNL 10	IC			1014.9	CALM		-32	-32	-35	3
09 UNL 8	IC			1026.4	NE	5	-35	-35	-41	2
10 15 10	IC			1028.7	NN	15	-23	-23	-27	10
11 UNL 10	IC			1031.5	CALM		-25	-25	-31	5
12 UNL 3	IC IFBS			1035.1	NNW	10	-17	-17	-21	2
13 UNL 7	IC			1026.9	S	7	-22	-22	-29	0
14 UNL 15				1025.8	SSE	7	-25	-25	-31	4
15 UNL 15										

SYNOPTIC OBSERVATIONS

(A) RESOLUTE (A)

Date	
Calling (1000 ft)	
Visibility (miles)	
Present Weather	
Sea Level Pressure (hPa)	
Wind Direction	
Wind Speed (knots)	
Wind Sibs. (°)	
Dew Point (°F)	
Sea Cover (tenths)	

RESOLUTE A NMT  
JULY 1971 0000 CST

01 UHL 40	1012.8 SE	4	29	38	35	2
02 UHL 40	1010.9 NNM	10	37	35	32	10
03 UHL 40	1010.3 SSE	8	37	35	32	10
04 UHL 40	1010.7 W	2	36	34	31	1
05 UHL 40	1012.2 SSE	2	47	42	34	36
06 UHL 40	1013.4 BSE	7	42	39	35	1
07 30 UHL 40	1014.8 WNM	10	38	36	33	9
08 11 15	1019.2 N	29	35	34	32	10
09 10 40	1015.4 NNM	27	35	34	32	10
10 6 40	1012.9 N	18	35	34	31	28
11 7 40	1013.9 N	8	36	37	37	35
12 10 10	1009.8 SE	8	36	37	35	10
13 100 40	1005.7 E	34	41	38	33	6
14 UHL 40	1007.2 SE	11	41	38	34	9
15 UHL 40	1007.2 SE	8	43	39	34	8
16 UHL 40	1016.1 ESE	8	43	39	34	1
17 30 UHL 40	1014.2 ESE	27	41	38	34	10
18 14 40	1016.3 SE	18	42	40	34	10
19 7 10	1012.5 NE	18	42	40	34	10
20 40 40	1012.2 E	26	44	40	36	10
21 UHL 40	1012.2 SSE	1	44	40	36	4
22 UHL 40	1016.7 NME	22	47	43	38	1
23 80 40	1020.6 NME	18	45	41	36	10
24 UHL 40	1017.4 NE	22	44	41	37	1
25 UHL 40	1018.0 NNM	14	46	43	39	1
26 UHL 40	1018.0 NNM	14	46	43	39	1
27 UHL 40	1020.5 NNM	17	48	45	41	37
28 50 40	1020.5 SE	17	48	45	41	37
29 UHL 40	1002.0 E	30	40	37	32	5
30 UHL 40	1003.7 E	25	42	39	35	9
31 90 8	1003.7 E	25	42	39	35	9
AVG	1013.2	16	41	38	34	6

Date	
Calling (1000 ft)	
Visibility (miles)	
Present Weather	
Sea Level Pressure (hPa)	
Wind Direction	
Wind Speed (knots)	
Wind Sibs. (°)	
Dew Point (°F)	
Sea Cover (tenths)	

RESOLUTE A NMT  
JULY 1971 0600 CST

01 70 20	1012.7 NNM	19	40	37	34	10
02 UHL 40	1013.4 N	9	37	35	32	10
03 UHL 40	1010.3 SSE	8	37	35	32	10
04 UHL 40	1011.0 N	4	38	36	33	2
05 UHL 40	1013.0 CALM	4	38	36	33	2
06 UHL 40	1014.0 CALM	3	40	37	34	7
07 2 1	1015.0 N	8	34	34	32	10
08 UHL 15	1019.2 NNM	25	37	37	35	10
09 10 3	1014.5 NNM	30	34	34	30	10
10 UHL 40	1013.2 N	10	37	34	31	16
11 45 40	1008.6 SE	11	40	37	33	9
12 80 40	1009.8 SE	11	41	38	34	9
13 40 20	1005.7 E	11	41	38	34	9
14 40 40	1007.0 SE	11	42	38	34	8
15 50 40	1008.8 NNM	10	45	40	35	8
16 UHL 40	1017.5 SSE	18	42	38	33	2
17 3 1	1016.3 SSE	17	34	35	32	10
18 10 15	1011.0 NME	9	41	40	38	10
19 8 5	1011.0 NME	9	41	40	38	10
20 70 40	1013.3 SW	7	44	41	39	10
21 UHL 40	1017.6 W	4	43	40	36	3
22 UHL 40	1019.8 NME	21	45	42	37	2
23 UHL 40	1019.8 NME	11	41	38	35	7
24 UHL 40	1018.3 N	7	46	42	37	1
25 UHL 40	1017.5 NNM	15	45	40	36	7
26 UHL 40	1019.5 NNM	15	45	40	36	7
27 UHL 40	1020.4 NNM	13	36	34	32	3
28 40 40	1020.4 NNM	13	36	34	32	3
29 UHL 8	1002.0 E	30	40	37	32	4
30 UHL 8	1004.8 ESE	24	41	39	36	9
31 90 10	1004.8 ESE	24	41	39	36	9
AVG	1013.3	13	40	38	34	6

Date	
Calling (1000 ft)	
Visibility (miles)	
Present Weather	
Sea Level Pressure (hPa)	
Wind Direction	
Wind Speed (knots)	
Wind Sibs. (°)	
Dew Point (°F)	
Sea Cover (tenths)	

RESOLUTE A NMT  
JULY 1971 1200 CST

01 130 40	1012.0 N	13	40	38	35	9
02 UHL 40	1012.0 SSE	10	42	38	35	9
03 30 20	1011.1 W	3	44	40	36	3
04 UHL 40	1013.2 S	3	44	40	36	3
05 UHL 40	1013.4 WNM	10	40	36	33	6
06 UHL 40	1014.8 SSE	7	47	43	35	7
07 15 40	1018.3 NNM	23	40	36	33	7
08 UHL 40	1017.4 N	18	37	37	35	7
09 UHL 40	1017.4 N	18	37	37	35	7
10 90 40	1012.8 NNM	19	42	37	35	10
11 45 15	1007.5 SE	14	43	39	34	10
12 80 40	1007.5 SE	14	43	39	34	10
13 UHL 20	1008.3 SE	19	42	40	34	2
14 UHL 40	1008.3 SE	19	42	40	34	2
15 UHL 40	1017.2 SE	13	53	43	38	5
16 UHL 40	1015.2 SSE	10	48	40	36	1
17 3 1/8F	1016.3 SSE	10	48	40	36	1
18 UHL 15	1009.8 E	6	48	40	36	1
19 20 15	1009.8 E	6	48	40	36	1
20 UHL 40	1013.3 SW	7	45	40	36	3
21 UHL 40	1017.7 NME	17	47	47	41	3
22 UHL 40	1020.1 NE	10	53	43	38	3
23 UHL 40	1019.3 NNM	18	48	43	38	3
24 UHL 40	1017.6 NME	19	45	40	36	3
25 UHL 40	1019.5 NNM	16	48	40	36	3
26 200 40	1019.5 NNM	16	48	40	36	3
27 UHL 40	1020.4 NNM	10	42	39	35	7
28 60 40	1020.4 NNM	10	42	39	35	7
29 UHL 40	1007.2 S	14	48	43	34	1
30 UHL 10	1002.0 E	26	48	43	34	1
31 1 1	1005.3 SSE	15	37	37	36	10
AVG	1013.1	15	44	40	35	6

Date	
Calling (1000 ft)	
Visibility (miles)	
Present Weather	
Sea Level Pressure (hPa)	
Wind Direction	
Wind Speed (knots)	
Wind Sibs. (°)	
Dew Point (°F)	
Sea Cover (tenths)	

RESOLUTE A NMT  
JULY 1971 1800 CST

01 40 40	1011.8 W	7	38	36	33	8
02 UHL 40	1011.5 N	15	44	40	36	3
03 90 40	1010.3 SSE	11	47	43	35	7
04 UHL 40	1011.5 N	10	48	43	37	3
05 UHL 40	1013.4 WNM	10	48	43	37	3
06 UHL 40	1014.8 WNM	7	48	43	37	3
07 15 40	1018.3 NNM	23	40	36	33	7
08 UHL 40	1017.4 N	18	37	37	35	7
09 UHL 40	1017.4 N	18	37	37	35	7
10 15 40	1013.6 NNM	9	36	34	31	10
11 20 40	1011.7 SE	12	40	39	35	10
12 40 40	1006.9 SE	12	40	39	35	10
13 UHL 40	1005.4 SE	15	47	42	37	3
14 UHL 40	1008.8 SSE	9	41	41	31	1
15 UHL 40	1014.5 N	7	48	41	33	1
16 UHL 40	1015.6 ESE	30	48	42	34	7
17 4 2	1016.5 SSE	11	41	40	39	10
18 20 15	1014.6 SW	6	40	37	32	9
19 40 40	1010.9 E	33	46	41	31	10
20 UHL 40	1015.7 SSE	5	45	41	31	3
21 UHL 40	1018.5 NME	20	45	41	31	3
22 UHL 40	1020.7 SE	6	49	43	37	6
23 UHL 40	1018.8 ESE	10	49	43	37	6
24 UHL 40	1017.9 NME	16	53	46	40	7
25 UHL 40	1017.9 NME	16	53	46	40	7
26 180 40	1020.6 NNM	14	48	43	39	7
27 UHL 40	1020.6 NNM	14	48	43	39	7
28 45 40	1011.2 E	28	45	40	36	3
29 UHL 40	1003.6 ESE	35	49	43	39	10
30 UHL 10	1006.5 S	10	34	33	32	10
31 5 5	1006.5 S	10	34	33	32	10
AVG	1013.3	16	44	40	35	7

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## SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Clouds (100% h)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
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RESOLUTE A NMT  
AUGUST 1971 0000 CST

01	1		1/8L-F	1006.6	WSW	20	33	32	31	10
02	0	0	F	1007.8	S	6	36	36	36	10
03	UNL	40		1011.5	SSE	4	33	32	30	6
04	10	2	RF	992.9	ESE	23	43	42	41	10
05	20	40		1005.9	W	20	31	29	28	9
06	180	10		1007.2	SSE	12	32	31	30	10
07	7	8	L-	997.5	S	16	34	33	32	10
08	10	40		995.2	WSW	20	30	29	27	10
09	220	10		1000.1	NW	8	30	29	28	10
10	3	2	S-F	1009.3	W	17	29	28	26	10
11	15	2	S-F	1006.2	SE	13	31	30	29	10
12	15	15	SM-	1004.9	SSW	2	32	31	30	10
13	25	40		991.8	NE	15	34	32	29	8
14	20	6	S-F	985.2	NNE	11	33	32	31	10
15	25	3	S-F	1000.5	WSW	9	30	29	28	10
16	2	1/4F		1005.3	NW	4	31	30	30	10
17	1	2	F	1012.4	NW	13	32	31	31	10
18	4	8	SM-	1015.4	WSW	6	31	30	29	10
19	UNL	40		1013.9	S	7	35	32	27	1
20	UNL	40		1017.2	SSE	2	32	30	27	3
21	UNL	40		1019.0	CALM	35	32	28	5	
22	90	40		1014.7	SSE	6	35	33	30	9
23	65	40		1005.0	ESE	23	41	38	33	10
24	5	15	R	993.9	ESE	4	30	26	26	4
25	15	10	R-	1002.6	NE	14	38	37	36	10
26	UNL	15		1010.1	NE	25	35	33	30	5
27	UNL	40		1010.2	NNW	9	33	32	31	3
28	12	20	S-	1011.0	NW	10	34	33	30	10
29	70	40		1008.3	SSE	9	31	30	29	10
30	4	5	F	1004.9	SW	13	27	26	23	10
31	10	15		993.2	W	15	25	25	23	9
AVG				1005.2		13	33	32	30	9

RESOLUTE A NMT  
AUGUST 1971 0300 CST

01	3	40	L-	1007.7	WSW	16	32	32	31	10
02	2	0	R-F	1008.1	W	2	34	34	33	10
03	UNL	40		1011.5	CALM	34	32	30	6	
04	10	10		987.7	ESE	33	44	43	42	10
05	UNL	40		1008.2	WSW	14	30	29	26	4
06	20	40	R-	1005.7	S	13	33	32	30	10
07	7	8	R-	995.0	SSW	17	35	34	33	10
08	6	2	S-F	996.4	WSW	23	29	28	27	10
09	6	10		1001.2	NW	7	30	29	28	10
10	4	11/25-F		1009.4	W	13	28	28	26	10
11	3	3	S-F	1005.9	SE	10	31	30	29	10
12	20	15		1003.3	ENE	7	32	31	28	9
13	50	40		989.6	NE	15	34	32	29	5
14	14	3	S-F	987.2	NNW	12	33	32	31	10
15	10	20	S-	1000.7	WSW	12	29	29	28	10
16	3	1/8F		1006.5	NW	9	30	29	29	10
17	15	15		1013.5	NW	10	30	29	27	9
18	10	8		1015.8	ENE	5	31	29	27	10
19	UNL	40		1014.0	E	18	35	32	25	4
20	UNL	40		1018.3	CALM	34	31	28	9	
21	UNL	40		1018.8	SE	12	34	31	27	4
22	UNL	40		1013.7	SSE	15	35	33	30	5
23	30	7	NW-	1004.7	ESE	31	40	38	35	10
24	5	8		993.8	ESE	40	37	36	36	10
25	5	15		1004.7	NE	16	38	37	36	10
26	UNL	15		1011.0	ESE	2	33	32	29	5
27	4		L-F	1010.4	NNW	7	35	34	33	10
28	3	20		1011.1	NW	8	33	32	31	10
29	2	1/4F		1007.7	SSE	13	30	29	29	10
30	4	15		1004.0	SSE	8	27	26	24	10
31	20	15		992.3	NW	2	26	25	21	9
AVG				1005.2		13	33	32	30	9

RESOLUTE A NMT  
AUGUST 1971 0600 CST

01	2	20		1008.5	W	14	32	31	31	10
02	4	0	L-F	1009.1	NNW	3	34	34	33	10
03	UNL	40		1011.0	ESE	17	36	33	29	8
04	3	5	R-F	987.4	SE	23	48	47	46	10
05	30	40		1009.6	WSW	14	32	30	27	9
06	3	10		1004.9	S	9	34	34	33	10
07	5	2	S-F	995.6	WSW	18	33	32	31	10
08	10	10		997.4	WSW	23	30	29	27	10
09	12	10		1002.8	NNW	17	32	30	26	10
10	8	7	S-	1009.6	WSW	13	29	28	26	10
11	5	5	S-F	1005.8	SE	7	31	31	30	10
12	12	20		1003.4	SE	1	33	31	28	10
13	180	40		988.0	NE	22	32	30	27	8
14	90	11/25-F		989.7	N	8	32	32	31	10
15	7	40		1001.3	WSW	10	26	26	24	10
16	2	10		1007.9	NW	8	30	30	29	10
17	14	0		1014.1	NW	17	30	28	27	9
18	4	8		1015.9	E	10	29	28	26	9
19	UNL	40		1014.2	ESE	13	37	32	22	3
20	UNL	40		1018.8	CALM	34	32	29	2	
21	UNL	40		1019.2	SE	12	36	33	30	7
22	200	40		1012.1	SE	15	36	34	30	9
23	12	40		1003.0	ESE	31	39	38	36	10
24	5	15	R	993.9	ESE	5	38	37	36	10
25	15	15		1004.3	NNE	11	38	37	36	10
26	70	15		1010.8	NE	20	36	34	30	9
27	3	1/8L-F		1010.6	NW	5	36	35	34	10
28	10	20		1010.9	NNW	15	33	32	30	10
29	5	11/25-F		1007.2	SE	13	30	30	28	10
30	3	3	S-F	1002.0	S	16	30	29	28	10
31	80	5	S-	992.2	W	10	26	26	24	10
AVG				1005.2		14	33	32	30	9

RESOLUTE A NMT  
AUGUST 1971 0900 CST

01	15	60		1008.5	W	5	36	34	33	10
02	5	1/4L-F		1008.6	NNW	9	34	33	32	10
03	UNL	40		1009.8	ESE	20	37	34	30	9
04	6	10	R-	987.1	SE	16	45	44	44	10
05	23	40		1010.4	SW	18	33	31	27	10
06	2	1/2R-F		1005.6	SSW	17	34	33	33	10
07	4	3	F	995.5	SW	15	32	32	30	10
08	6	10		998.2	WSW	20	30	29	28	10
09	16	40		1004.2	NW	19	31	29	24	10
10	6	3	S-F	1009.4	WSW	13	30	29	27	10
11	10	5	S-F	1005.7	SE	10	33	31	29	9
12	15	40		1002.2	SE	14	32	32	29	10
13	6	11/25-F		986.5	NNW	18	32	31	30	10
14	3	2	R-F	992.2	SW	2	34	33	32	10
15	10	15		1001.4	SW	7	27	26	24	9
16	7	10	S-	1009.0	NNW	10	31	31	31	10
17	8	10		1014.5	NW	12	31	29	27	10
18	UNL	20		1015.6	ESE	7	32	30	27	6
19	UNL	40		1010.9	NE	9	39	36	24	3
20	UNL	40		1018.7	CALM	40	37	32	2	
21	UNL	40		1018.7	SE	14	39	36	31	10
22	170	40		1010.0	SSE	16	38	35	31	10
23	24	15		1002.2	ESE	34	37	36	35	10
24	10	10	R-	993.1	E	40	39	38	37	10
25	15	40		1007.3	NE	18	39	38	36	10
26	60	40		1010.9	NNE	9	38	36	32	9
27	3	1/8L-F		1010.6	NNW	10	34	33	33	10
28	16	40		1010.4	NW	9	34	32	29	10
29	5	1	S-F	1006.2	SE	10	31	30	29	10
30	2	3/4S-F		999.1	SSE	24	30	29	29	10
31	10	15		992.5	NW	17	26	25	22	10
AVG				1005.1		14	34	33	30	9

RESOLUTE A NMT  
AUGUST 1971 1200 CST

01	40	60		1008.5	SSE	10	37	36	35	9
02	17	15		1009.3	NNW	14	38	36	33	10
03	UNL	40		1007.6	ESE	25	41	37	31	9
04	1		1/8R-F	989.1	W	12	34	34	33	10
05	30	40		1010.7	SW	17	34	31	26	10
06	20	15		1003.3	SW	21	36	35	33	9
07	6	2	S-F	995.2	SW	16	33	32	31	10
08	2	5	F	999.0	WSW	15	30	30	28	10
09	15	40		1005.7	W	16	32	30	26	10
10	5	5	S-	1009.5	WSW	11	31	30	29	10
11	12	5	S-F	1005.7	SSE	11	34	33	31	10
12	UNL	40		1000.8	SE	16	37	34	28	3
13	8	21/25-F		984.4	N	20	34	33	31	10
14	2	1/2L-F		995.5	S	12	33	33	32	10
15	6	15		1001.8	S	6	29	28	27	10
16	5	2	S-F	1009.7	W	13				

## SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Calling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE A NMT  
SEPTEMBER 1971 0000 CST

01	7 15			997.9	NNW	20	31	30	27	9
02	12 15			1001.3	NNW	15	26	24	20	10
03	20 7	SM-		1002.4	NW	13	29	28	26	8
04	25 20			1004.0	NNW	17	32	31	29	10
05	10 15			1005.0	NNW	17	29	28	25	10
06	UNL 20			1002.4	NE	15	24	23	21	4
07	UNL 10			1002.4	NE	17	22	21	19	1
08	70 15			1002.0	NW	10	29	28	26	10
09	80 15			1007.0	E	11	29	28	25	9
10	UNL 40			1016.0	ESE	25	30	28	26	3
11	UNL 10			1016.6	ESE	33	30	28	25	3
12	24 10			1016.6	ESE	18	31	30	27	9
13	12 7			1018.7	NE	3	32	31	29	10
14	12 3	S-		1021.4	NW	6	27	26	24	9
15	1 4	F		1022.0	NNW	12	21	20	18	10
16	4 5	S-F		1009.8	S	13	29	28	26	10
17	8 10	S-F		1007.2	NNW	18	27	26	24	10
18	4 5	S-		1005.6	SSE	9	28	27	25	10
19	31 4	S-BS		1005.5	NNW	30	19	19	15	10
20	20 10	S-		1012.8	NNW	24	17	16	12	10
21	2 10	S-		1012.7	SE	4	16	16	14	7
22	12 10	S-		1003.6	ESE	15	24	24	21	9
23	10 7	S-		1005.1	N	30	24	23	20	10
24	UNL 15			1013.4	N	11	10	10	2	2
25	8 15			1016.8	ESE	8	20	20	17	10
26	3 10	S-		1020.0	ESE	9	19	19	16	8
27	10 8	S-		1014.3	SSW	18	29	29	27	10
28	10	1/8F		1016.4	SSE	6	28	28	26	10
29	3	1/8S-F		1013.3	N	4	25	24	22	10
30	16 5	S-		1000.8	SE	20	27	26	24	10
AVG				1009.8		15	26	25	22	8

RESOLUTE A NMT  
SEPTEMBER 1971 0300 CST

01	15 15			999.3	N	22	31	29	26	10
02	18 15			1001.2	NNW	19	25	24	20	10
03	2 2	SP-		1002.4	NNW	21	30	30	29	10
04	4 8			1004.8	NNW	21	31	30	28	10
05	12 40			1005.0	NNW	6	28	27	24	10
06	UNL 20			1002.7	NE	13	21	18	3	3
07	UNL 3	F		1002.2	NE	15	23	22	21	5
08	70 15			1002.8	N	5	29	28	27	10
09	70 15			1008.0	E	15	29	28	26	9
10	20 40			1016.7	SE	30	30	29	26	10
11	10 10			1016.6	ESE	23	31	29	26	10
12	20 10			1016.4	E	15	31	29	26	9
13	13 2	ICF		1019.4	SE	9	18	18	15	8
14	7 4	S-		1021.6	NNW	9	26	25	23	10
15	5 15	S-		1021.2	NNW	12	23	23	21	10
16	3 1	S-F		1007.5	SSW	13	30	30	29	10
17	7 10			1007.7	NW	17	27	26	24	10
18	12 4	S-		1004.8	S	11	28	27	25	10
19	UNL 8			1007.7	NNW	25	15	15	10	5
20	22 11/25-F			1013.4	NNW	16	17	17	14	10
21	9 10			1012.0	SSE	9	18	18	15	8
22	15 15	S-		1002.4	ESE	15	23	22	19	9
23	10 7			1006.1	N	34	19	18	16	10
24	UNL 15			1013.4	N	13	12	9	4	4
25	8 15			1017.7	E	17	20	19	17	10
26	5 10	S-		1019.5	SE	12	20	19	17	10
27	10 10	S-		1013.9	SSE	22	29	28	27	10
28	2	1/4F		1016.4	ESE	4	27	26	25	10
29	6 1	F		1012.4	SE	4	27	26	25	10
30	12 2	S-		999.3	SE	22	28	28	26	10
AVG				1009.8		15	25	25	22	9

RESOLUTE A NMT  
SEPTEMBER 1971 0600 CST

Date	Calling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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01	6 5	SM-		1000.6	NNW	17	29	28	26	10
02	16 40			1001.6	NNW	13	23	22	17	10
03	15 20			1003.1	NW	21	29	28	25	9
04	6 10	SM-		1005.1	NW	31	31	29	28	10
05	25 40			1004.2	NNW	3	28	27	24	10
06	UNL 20			1002.8	SW	5	23	22	19	3
07	UNL 20			1002.0	MSW	2	22	21	19	1
08	70 40			1003.2	CALM	30	28	26	9	9
09	70 40			1008.8	ESE	15	30	28	24	7
10	40 40			1017.2	ESE	28	30	29	27	8
11	UNL 15			1016.1	ESE	23	30	29	26	5
12	20 10			1016.2	E	14	31	30	28	10
13	10 2	F		1020.5	MSW	4	30	30	29	9
14	9 15			1021.8	N	12	25	25	22	9
15	2 7			1020.4	NNW	11	21	21	19	10
16	5 5	S-F		1007.5	NNW	19	27	26	23	10
17	8 20			1008.0	NW	14	27	26	24	10
18	12 8	S-		1004.7	SSE	12	28	28	26	10
19	UNL 15			1009.2	NNW	17	10	10	7	8
20	18 5	S-F		1014.0	NNW	12	17	16	13	10
21	10 40			1011.1	ESE	13	19	19	16	10
22	80 15			1002.3	E	19	21	20	16	7
23	65 5	BS		1007.8	N	38	17	17	14	10
24	10 40			1014.4	N	5	18	17	13	9
25	8	21/25-		1018.4	SSE	12	21	21	18	9
26	3 40			1019.0	SE	17	20	20	18	9
27	10 40	S-		1014.1	S	18	29	29	27	10
28	2	3/4S-F		1016.2	SSE	10	28	28	26	10
29	6 10			1011.3	ESE	12	26	26	24	10
30	6 1	S-		998.4	SE	21	28	28	26	10
AVG				1009.9		15	25	24	22	9

RESOLUTE A NMT  
SEPTEMBER 1971 0900 CST

01	5 15			1000.0	N	30	29	27	23	9
02	15 40			1001.4	NNW	9	24	23	19	10
03	15 10			1003.2	NW	24	31	30	28	9
04	6 15			1004.6	NW	24	31	30	28	10
05	70 20			1002.7	NW	8	29	28	25	9
06	2	3/4S-F		1002.8	ESE	9	25	25	23	10
07	UNL 40			1001.3	NW	5	24	23	19	1
08	60 15			1003.9	NNW	1	30	29	26	10
09	50 40			1010.0	ESE	19	31	29	26	9
10	200 40			1017.2	ESE	30	31	29	25	9
11	1 3	E-F		1016.1	E	23	29	28	27	9
12	5 10	S-		1016.0	ESE	15	31	30	28	10
13	UNL 40			1019.4	NE	7	29	29	27	1
14	8 15			1022.3	NNW	18	26	25	22	10
15	3 20			1018.8	NNW	9	23	23	21	10
16	8 15			1007.0	W	16	26	25	20	9
17	10 40			1007.4	NNW	12	27	26	24	10
18	12 15			1004.0	S	15	29	28	27	10
19	UNL 40			1009.8	NNW	20	14	13	9	6
20	18 20	S-		1014.1	NNW	10	17	16	13	9
21	15 40			1019.4	NE	10	19	19	15	10
22	20 15			1002.3	NE	27	20	19	16	10
23	100 4	BS		1009.0	N	35	18	17	13	10
24	10 1	S-F		1014.4	ESE	7	20	19	17	10
25	8 40			1019.0	SE	14	21	20	18	9
26	40 40			1018.1	SE	16	20	20	18	8
27	7 40			1014.1	S	18	29	28	27	10
28	2	3/4S-F		1015.8	SSE	11	28	28	26	10
29	6 2	S-		1006.6	ESE	21	26	26	24	10
30	10 1	S-		997.7	SE	23	28	27	26	10
AVG				1009.7		16	26	25	22	9

RESOLUTE A NMT  
SEPTEMBER 1971 1200 CST

Date	Calling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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01	10 40			1000.1	NNW	32	26	25	21	10
02	13 40			1001.4	NNW	8	24	23	19	10
03	15 10	SM-		1003.8	NNW	23	31	30	27	10
04	5 15			1004.6	NW	25	29	28	26	10
05	7 20			1002.0	NNW	4	30	29	27	9
06	4 20			1002.4	CALM	27	26	24	10	10
07	UNL 40			1001.1	NW	9	29	27	22	1
08	45 15			1004.5	CALM	32	30	28	10	10
09	50 40			1011.3	ESE	19	32	29	26	9
10	200 15			1017.6	ESE	39	32	30	26	9
11	UNL 10			1016.2	ESE	23	30	29	27	5
12	25 5	S-F		1015.9	SSE	10	32	31	29	9
13	10 40			1021.0	W	5	31	30	28	10
14	8 15	S-F		1022.8	NNW	20	25	24	20	9
15	2 2	S-F		1017.2	W	9	23	23	21	10
16	8 15			1						



## SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE A NMT  
OCTOBER 1971 0000 CST

01	20	5	S-F	998.2	NM	18	22	22	19	10
02	30	15		1004.4	S	23	27	26	23	10
03	UNL	15	IC	1013.0	NE	5	6	6	2	1
04	13	10		1015.4	SSE	11	20	20	17	10
05	10	1/4F		1017.0	SSE	13	21	20	18	10
06	UNL	15		1020.5	NNE	18	6	6	1	0
07	UNL	15		1027.7	NE	20	-1	-1	-9	1
08	30	10		1026.9	ESE	18	20	19	13	8
09	35	10		1021.3	ESE	29	22	21	18	10
10	UNL	15		1024.2	E	10	8	7	0	0
11	UNL	40		1024.7	CALM	3	2	-13	0	0
12	UNL	10		1021.3	ESE	28	14	14	11	7
13	25	10	S-	1009.3	SSE	23	10	9	5	10
14	12	10	S-	1008.6	W	17	17	17	14	10
15	12	15		1015.1	NW	11	8	7	1	10
16	UNL	15		1014.8	N	16	-2	-9	7	0
17	4	3	F	1016.7	NE	7	-8	-15	10	0
18	UNL	6	BS	1011.8	ESE	25	7	6	1	4
19	8	5	BS	1002.6	SE	24	23	23	21	10
20	6	1/4BS		990.7	ESE	40	27	27	25	10
21	13	10	S-	984.8	ESE	2	21	20	18	10
22	14	5	S-	992.2	WSW	11	15	15	12	10
23	UNL	10	IC	1004.3	E	10	9	7	7	0
24	10	10	S-	1007.4	NW	5	10	10	7	9
25	10	7	S-	1012.7	NNE	6	9	9	6	10
26	12	10	S-	1010.1	ESE	10	8	8	4	10
27	UNL	3	BS	1010.1	NNE	35	-6	-7	-15	0
28	UNL	15		1014.9	NW	16	-18	-18	-26	0
29	UNL	10	IC	1013.5	NW	13	-18	-18	-26	1
30	UNL	7		1010.3	N	12	-12	-12	-22	0
31	100	5	BS	1004.4	ESE	23	1	0	-8	10
AVG				1011.3		16	9	8	3	7

RESOLUTE A NMT  
OCTOBER 1971 0300 CST

01	UNL	15		999.5	W	12	22	22	19	4
02	30	15		1004.3	SSW	20	27	26	24	9
03	UNL	15		1015.5	E	12	7	7	6	3
04	45	10		1016.2	SSW	8	17	17	14	10
05	UNL	3/8F		1016.3	SSE	12	19	19	17	9
06	UNL	15		1022.7	NW	14	1	-2	0	0
07	UNL	10	IC	1027.0	NE	27	1	-7	1	0
08	UNL	10		1026.8	ESE	23	17	16	11	1
09	25	10		1021.1	ESE	23	23	22	19	9
10	UNL	15		1025.4	ESE	25	7	7	1	0
11	UNL	40		1024.6	ESE	6	1	1	-7	0
12	UNL	10		1020.3	ESE	22	11	11	8	1
13	12	5	BS	1008.3	SE	22	11	11	7	10
14	12	5	S-	1010.5	N	16	12	12	8	10
15	15	15		1014.8	N	10	5	4	-2	10
16	UNL	15		1017.2	N	13	-1	-2	-10	7
17	2	1/2F		1016.8	SE	4	-1	-1	-7	10
18	UNL	6	BS	1011.4	SE	23	11	10	5	6
19	11	10		1002.7	SE	23	26	25	23	10
20	5	1/4BS		988.9	ESE	42	26	26	24	10
21	14	10	S-	985.7	ESE	5	21	21	18	10
22	40	3	S-	993.9	N	8	16	16	13	10
23	40	10	IC	1005.3	ESE	11	13	13	10	10
24	80	10	S-	1008.1	NW	4	8	8	5	9
25	8	10		1012.6	NE	9	8	8	5	10
26	UNL	15	IC	1009.7	E	22	3	2	-3	0
27	UNL	4	BS	1011.2	NNE	33	-6	-7	-16	0
28	UNL	2	F	1015.0	NW	21	-16	-17	-25	2
29	UNL	10	IC	1013.1	NW	13	-17	-18	-26	1
30	UNL	7	IC	1010.1	N	2	-14	-14	-21	0
31	100	4	BS	1003.2	E	27	1	0	-7	8
AVG				1011.5		17	8	8	3	6

RESOLUTE A NMT  
OCTOBER 1971 0600 CST

01	50	40		1000.5	SW	6	21	21	18	10
02	10	3	S-F	1004.3	SSW	17	26	26	23	10
03	2	8		1015.9	ESE	8	16	16	13	9
04	18	15		1016.5	S	11	20	19	16	10
05	3	11/2F		1014.9	S	24	22	21	19	10
06	UNL	15		1024.0	N	4	1	-1	-9	1
07	UNL	7	IC	1027.6	NE	30	4	3	-4	1
08	UNL	10		1024.5	ESE	20	17	14	12	2
09	20	10		1021.0	ESE	32	22	21	17	10
10	UNL	40		1025.5	NE	23	5	-2	1	0
11	UNL	40		1024.4	CALM	2	1	-8	0	0
12	UNL	10	IC	1019.4	SE	17	7	7	3	1
13	10	3	S-BS	1007.2	SE	22	15	15	12	10
14	28	10	S-	1013.5	NW	22	9	8	4	9
15	UNL	15		1014.7	N	5	0	0	-7	2
16	UNL	18		1017.4	N	19	0	-1	8	4
17	5	5	F	1014.2	SSW	13	0	-1	8	4
18	12	6	BS	1010.3	ESE	26	13	12	9	10
19	13	4	S-BS	1002.0	ESE	34	25	25	23	10
20	5	1/4BS		985.6	ESE	40	26	25	23	10
21	6	10		986.4	CALM	22	21	19	10	0
22	UNL	7	IC	995.4	NW	2	10	10	7	7
23	9	15	IC	1005.4	ESE	7	13	13	10	10
24	90	10	IC	1008.6	CALM	6	6	2	9	0
25	7	7	SW-	1012.2	NNE	12	8	7	3	10
26	UNL	15	IC	1010.1	NNE	4	2	-1	-5	1
27	UNL	4	BS	1012.0	NE	32	-7	-8	-17	0
28	UNL	10		1014.9	N	17	-19	-20	-29	0
29	UNL	10	IC	1012.4	NW	17	-17	-18	-27	0
30	UNL	15	IC	1009.4	CALM	-15	-15	-21	0	0
31	8	1/2BS		1002.1	ESE	35	0	-1	-8	10
AVG				1011.5		16	8	8	3	6

RESOLUTE A NMT  
OCTOBER 1971 0900 CST

01	20	10	S-	1001.0	SSW	9	24	23	21	10
02	18	10		1005.2	NW	10	22	21	18	8
03	7	10		1015.9	E	10	17	17	14	10
04	18	40		1016.7	S	8	21	20	17	10
05	4	10		1014.3	S	13	22	22	20	10
06	UNL	40		1024.2	NNE	17	4	3	-2	1
07	UNL	20		1027.1	ENE	34	6	5	-2	2
08	UNL	40		1025.4	ESE	23	17	16	12	7
09	45	15		1021.9	E	23	21	20	16	10
10	UNL	40		1026.1	W	11	11	9	-3	1
11	UNL	40		1024.0	ESE	7	4	3	-4	1
12	UNL	40		1017.4	ESE	23	11	11	9	4
13	8	3	S-	1006.2	SSE	21	17	17	14	10
14	UNL	40		1015.5	NW	18	-3	-3	-9	1
15	15	11/2F		1015.2	NE	18	-3	-3	-10	8
16	UNL	30		1017.0	N	14	-6	-7	-16	1
17	9	7	S-	1016.3	SSW	3	3	3	-3	10
18	12	1/4BS-BS		998.7	ESE	30	13	13	9	10
19	1	1/4S-BS		999.4	ESE	46	23	22	20	10
20	10	11/2BS		983.9	ESE	28	25	24	22	10
21	15	6	S-	987.5	SW	8	20	20	18	10
22	UNL	3	SW-F	996.8	ESE	7	14	14	11	10
23	9	2	S-F	1005.4	ENE	10	14	13	9	10
24	65	20	S-	1009.2	NW	2	9	9	5	10
25	7	7	S-	1012.7	E	9	5	4	1	10
26	UNL	10		1009.8	NNE	25	6	5	-1	3
27	UNL	6	BS	1013.4	N	21	-9	-10	-19	1
28	UNL	10		1014.6	N	15	-19	-20	-29	1
29	UNL	10		1013.1	NW	9	-20	-20	-27	1
30	UNL	40		1008.6	ESE	8	-12	-12	-21	1
31	15	1/2BS		1001.1	SE	30	1	0	-6	10
AVG				1011.4		16	8	8	3	7

RESOLUTE A NMT  
OCTOBER 1971 1200 CST

01	20	40	S-	1001.9	WSW	13	25	24	20	9
02	UNL	20		1006.4	NW	8	20	19	17	2
03	8	10		1015.5	E	10	19	19	15	10
04	20	40		1017.1	SSW	10	23	22	18	9
05	3	1/2S-FBS		1013.5	SSW	20	23	23	21	9
06	UNL	40		1025.4	NNE	13	4	3	-4	1
07	UNL	40		1027.9	ENE	25	7	6	-1	2
08	18	20	S-	1025.2	ESE	17	19	18	14	10
09	UNL	10		1022.3	ENE	23	17	16	11	8
10	UNL	40		1025.8	ESE	10	7	6	-3	1
11	UNL	20		1023.5	E	14	7	6	-2	1
12	UNL	40		1016.3	SE	18	10	10	7	6
13	8	11/2S-		1005.3	SSE	18	20	20	18	10
14	UNL	40		1016.7	NW	14	-6	-7	-15	1
15	15	10	S-	1015.3	NW	12	2	-2	-5	9
16	UNL	30		1017.0	NW	15	-6	-7	-14	2
17	7	7	S-	1015.8	ESE	10	3	3	-3	10
18	10	1/8S-BS								

## SYNOPTIC OBSERVATIONS

## RESOLUTE (A)

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE A NMT  
NOVEMBER 1971 0000 CST

01 UNL 2	BS	998.3	ESE	27	3	2	-4	5		
02 UNL 5	ICBS	1000.4	ENE	28	3	2	-4	2		
03 70 15		1004.2	ENE	19	5	4	-3	10		
04 UNL 10		1005.2	NE	24	-5	-5	-13	4		
05 UNL 7		1013.5	NE	25	-3	-4	-11	10		
06 UNL 5	ICBS	1016.4	NE	22	-5	-6	-13	3		
07 20 7	S-	1016.3	NNE	11	-5	-7	-15	7		
08 UNL 10		1014.8	N	2	-11	-11	-18	3		
09 UNL 7		1011.6	NE	33	-6	-7	-17	10		
10 UNL 15	IC	1018.5	NNW	10	-16	-16	-22	0		
11 UNL 10		1027.4	NNW	7	-16	-16	-24	2		
12 UNL 10	IC	1025.7	NNW	5	-19	-19	-27	0		
13 UNL 15		1025.0	ENE	7	-12	-13	-23	0		
14 UNL 10	IC	1015.5	NNW	10	-16	-17	-26	0		
15 UNL 15		1020.0	N	10	-19	-20	-29	0		
16 UNL 10		1028.0	E	17	-13	-12	-22	0		
17 UNL 20		1028.1	NW	10	-11	-12	-23	0		
18 UNL 3	IF	1021.9	NW	18	-20	-20	-29	3		
19 UNL 15		1014.2	NNE	13	-16	-17	-27	0		
20 UNL 10	IC	1009.8	NNW	3	-17	-17	-28	1		
21 UNL 15		1002.6	NE	20	-12	-12	-20	0		
22 UNL 15	IC	1008.9	NNW	15	-17	-18	-27	3		
23 UNL 10		1024.8	ENE	13	-29	-29	-39	0		
24 12 2	S-F	1017.8	SSE	22	-13	-13	-22	9		
25 UNL 10	IC	1016.1	NW	11	-17	-17	-25	4		
26 UNL 15		1031.1	NNW	10	-30	-30	-40	0		
27 UNL 20	IC	1037.5	NNW	5	-25	-25	-34	0		
28 UNL 15		1033.2	E	13	-8	-9	-21	0		
29 UNL 10	IC	1027.6	ENE	5	-26	-26	-32	0		
30 UNL 10	IC	1028.5	ENE	4	-11	-12	-20	0		

AVG 1018.1 14 -13 -13 -22 3

RESOLUTE A NMT  
NOVEMBER 1971 0300 CST

01 UNL 1	BS	997.5	ESE	28	5	4	-2	4		
02 70 4	ICBS	1001.5	ENE	22	4	3	-4	10		
03 40 6	S-	1004.1	ENE	16	7	6	0	10		
04 UNL 10		1005.9	NE	23	-8	-9	-18	2		
05 UNL 7		1015.1	NNW	11	-3	-3	-12	6		
06 UNL 5	ICBS	1017.3	NE	15	-10	-10	-20	0		
08 UNL 10		1013.8	NE	26	-11	-11	-20	0		
09 UNL 7		1012.6	NNE	26	-8	-9	-16	7		
10 UNL 15		1020.6	N	5	-17	-18	-29	0		
11 UNL 10	IC	1027.4	NNE	7	-17	-17	-26	2		
12 UNL 10		1025.9	NW	10	-24	-25	-34	0		
13 UNL 10		1024.8	N	4	-21	-22	-30	0		
14 UNL 10	IC	1015.3	NW	7	-15	-16	-26	0		
15 UNL 15		1021.1	WSW	5	-21	-22	-29	0		
16 UNL 10		1029.6	NE	10	-15	-15	-22	0		
17 UNL 15		1027.1	NE	8	-14	-15	-26	0		
18 UNL 2	IF	1020.1	NW	26	-15	-15	-24	4		
19 UNL 15		1013.9	NE	22	-17	-17	-27	0		
20 UNL 20	IC	1010.0	CALM	4	-18	-18	-27	0		
21 UNL 15		1022.2	NE	15	-12	-13	-24	0		
22 UNL 10		1011.9	NNW	10	-15	-16	-25	7		
23 UNL 15		1025.3	NNW	17	-25	-25	-34	0		
24 9 21/25-F		1016.1	S	21	-7	-7	-15	10		
25 UNL 10		1017.4	NW	10	-22	-22	-31	2		
26 UNL 15		1032.9	NW	15	-27	-27	-36	0		
27 UNL 10		1037.7	NE	11	-21	-21	-34	0		
28 UNL 15		1032.6	ENE	7	-11	-12	-20	0		
29 UNL 3	IC	1027.6	CALM	-26	-26	-34	0			
30 UNL 10	IC	1028.4	ESE	9	-14	-14	-23	0		

AVG 1018.4 14 -14 -14 -23 2

RESOLUTE A NMT  
NOVEMBER 1971 0600 CST

01 UNL 1/2BS		997.1	ESE	38	4	4	-2	5		
02 60 5	ICBS	1002.2	ENE	23	8	7	-1	10		
03 40 15		1004.2	NNE	17	8	7	-1	10		
04 UNL 10		1006.5	NE	23	-8	-9	-16	0		
05 UNL 7		1015.7	NNW	14	-4	-5	-13	3		
06 UNL 5	ICBS	1015.1	NE	28	-7	-8	-17	2		
07 UNL 15		1018.3	SSE	4	-10	-10	-18	0		
08 UNL 6	BS	1013.0	NE	35	-11	-12	-21	1		
09 UNL 10		1012.4	NNE	37	-11	-11	-21	0		
10 UNL 15		1022.6	NNE	3	-17	-17	-26	0		
11 UNL 10	IC	1026.6	E	5	-23	-23	-32	0		
12 UNL 10		1025.7	NNW	6	-26	-26	-35	0		
13 UNL 15		1023.4	CALM	-17	-17	-25	0			
14 UNL 10	IC	1015.4	NW	15	-19	-19	-29	0		
15 UNL 10	IC	1022.0	CALM	-22	-22	-31	0			
16 UNL 10		1029.9	NNE	3	-13	-14	-23	0		
17 UNL 15		1025.8	NNW	6	-17	-17	-24	0		
18 UNL 6	IF	1018.8	NNW	19	-14	-14	-23	0		
19 UNL 15		1013.5	E	4	-17	-18	-27	0		
20 UNL 20	IC	1009.6	NNW	2	-14	-14	-24	0		
21 UNL 40		1001.7	NE	24	-8	-9	-21	0		
22 UNL 10		1014.8	NNW	16	-19	-19	-29	1		
23 UNL 15		1025.1	NNW	19	-23	-23	-33	0		
24 15 5	S-F	1014.0	SSW	19	-5	-6	-14	10		
25 UNL 5		1024.8	ENE	13	-24	-24	-33	1		
26 UNL 10	IC	1033.8	NNW	14	-27	-27	-36	0		
27 UNL 20		1037.5	W	7	-26	-26	-36	0		
28 UNL 15		1031.4	CALM	-17	-17	-26	0			
29 UNL 10	IC	1027.7	SE	4	-19	-19	-27	2		
30 UNL 10		1028.2	E	16	-11	-11	-20	0		

AVG 1018.4 14 -14 -14 -23 2

RESOLUTE A NMT  
NOVEMBER 1971 0900 CST

01 80 1/2BS		997.7	ESE	35	6	5	0	7		
02 60 7		1002.8	ENE	22	4	4	-3	10		
03 40 3	S-	1004.1	NE	19	6	5	-1	10		
04 UNL 8		1007.9	NE	20	-9	-10	-18	8		
05 UNL 10		1016.6	NE	13	-5	-6	-13	7		
06 UNL 15		1015.1	NNW	23	-7	-8	-16	3		
07 UNL 20		1018.8	CALM	8	-11	-11	-20	1		
08 UNL 3	BS	1012.5	NNE	31	-8	-9	-17	2		
09 UNL 20		1013.0	NNW	13	-12	-12	-23	1		
10 UNL 15		1024.3	N	5	-16	-16	-24	1		
11 UNL 6	IF	1026.3	CALM	-20	-20	-28	0			
12 UNL 15		1025.4	SSE	3	-24	-24	-31	0		
13 UNL 15		1022.5	NNW	2	-18	-18	-24	0		
14 UNL 10	IC	1016.2	NNW	18	-16	-16	-24	2		
15 UNL 15	IC	1023.0	CALM	-19	-19	-28	1			
16 UNL 20		1030.0	NE	5	-17	-17	-30	1		
17 UNL 15		1026.3	NW	6	-18	-19	-30	0		
18 40 15		1017.7	NW	19	-7	-7	-16	8		
19 UNL 10		1012.8	NNW	5	-19	-19	-28	1		
20 UNL 15	IC	1009.0	ENE	30	-11	-11	-21	0		
21 UNL 15		1001.9	CALM	9	-18	-18	-31	0		
22 UNL 15		1017.8	NNW	11	-22	-22	-31	1		
23 UNL 15		1025.0	NNW	16	-23	-23	-32	1		
24 15 6	S-	1013.1	SSW	14	-4	-4	-12	10		
25 UNL 5	ICIF	1020.2	NW	7	-27	-27	-36	0		
26 UNL 10		1034.7	NW	22	-25	-25	-35	0		
27 UNL 6	BS	1036.2	N	13	-11	-11	-19	0		
28 UNL 15		1030.3	SSE	4	-18	-19	-26	0		
29 UNL 10		1027.1	SE	7	-21	-20	-26	0		
30 UNL 15		1028.1	E	16	-11	-12	-21	1		

AVG 1018.5 13 -13 -14 -23 3

RESOLUTE A NMT  
NOVEMBER 1971 1200 CST

01 80 3/4BS		998.5	SE	22	5	5	0	9		
02 35 7		1003.8	NE	19	3	3	-1	10		
03 40 3	S-	1004.2	NNE	24	3	3	-1	10		
04 12		1009.3	NNW	11	-4	-4	-15	10		
05 UNL 3	IF	1017.1	NE	17	-7	-8	-15	9		
06 UNL 10		1014.7	NNE	28	-7	-8	-16	6		
07 UNL 10		1019.0	CALM	-13	-13	-21	9			
08 60 11/2BS		1012.2	NE	42	-5	-5	-14	9		
09 UNL 20		1013.7	NNW	17	-19	-19	-30	3		
10 UNL 5	IF	1025.8	NNE	3	-18	-18	-27	2		
11 UNL 21/2IF		1025.9	CALM	-19	-19	-27	1			
12 UNL 10		1028.5	NW	4	-22	-22	-34	0		
13 UNL 40		1021.0	NNW	8	-18	-18	-27	1		
14 UNL 10		1016.8	N	10	-18	-19	-27	1		
15 UNL 40		1024.2	ESE	9	-18	-18	-28	1		
16 UNL 40		1030.1	NNE	2	-16	-17	-25	1		
17 UNL 15		1025.9	N	17	-22	-22	-32	0		
18 40 11/2BS		1016.1	NW	29	-4	-5	-14	9		
19 UNL 15		1011.8	NNW	5	-15	-16	-24	2		
20 UNL 40	IC	1008.2	N	2	-10	-11	-22	0		
21 UNL 40		1002.1	NW	14	-14	-14	-26	0		
22 UNL 40		1019.5	NNW	10	-25	-25	-31	1		
23 UNL 15		1023.8	NNW	20	-22	-22	-32	1		
24 15 5	S-	1012.8	SW	13	-3	-3	-10	10		
25 UNL 10	IC	1021.6</								

## SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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RESOLUTE A NMT  
DECEMBER 1971 0000 CST

01 UNL 20	1026.4	CALM	-12	-13	-23	0	
02 UNL 15	1023.4	CALM	-16	-16	-28	0	
03 UNL 15	1017.8	NNW	3	-27	-27	-39	0
04 UNL 4	1016.3	ENE	31	-25	-26	-37	0
05 UNL 10	1011.9	NE	24	-25	-25	-36	0
06 UNL 10	1009.2	NW	15	-25	-25	-36	0
07 UNL 7	1011.1	NW	20	-28	-28	-37	6
08 UNL 10	1018.8	NNW	4	-27	-27	-36	4
09 UNL 10	1016.5	CALM	-33	-33	-43	0	
10 UNL 6	1025.7	CALM	-30	-30	-39	0	
11 UNL 10	1030.0	MSW	7	-26	-26	-35	8
12 UNL 7	1031.1	CALM	-32	-32	-42	2	
13 UNL 6	1030.2	NNW	10	-31	-31	-40	0
14 UNL 10	1027.9	NNW	8	-32	-32	-40	0
15 UNL 5	1024.1	NNW	7	-26	-26	-34	0
16 9 10	1021.9	CALM	-18	-18	-26	10	
17 80 15	1015.1	SE	14	-17	-17	-26	10
18 100 5	1003.3	SSW	22	-15	-16	-24	10
19 UNL 10	996.1	ESE	10	-25	-25	-34	1
20 UNL 15	997.8	ESE	13	-24	-24	-34	0
21 UNL 10	1004.5	NE	30	-29	-29	-38	0
22 UNL 10	1018.3	CALM	-28	-28	-38	0	
23 UNL 7	1021.1	NW	15	-40	-40	0	
24 UNL 5	1015.3	NNW	4	-32	-32	-39	0
25 UNL 10	1008.2	SE	6	-24	-24	-33	4
26 UNL 10	1008.8	SE	30	-26	-26	-36	3
27 UNL 10	1004.0	CALM	-33	-33	-43	0	
28 60 10	999.8	W	12	-33	-33	-43	0
29 UNL 15	1009.8	S	11	-37	-37	-45	0
30 UNL 10	1013.2	SE	16	-35	-35	-44	2
31 UNL 10	1004.1	SE	25	-31	-31	-41	2
AVG	1014.9		11	-27	-27	-36	3

RESOLUTE A NMT  
DECEMBER 1971 0300 CST

01 UNL 20	1026.2	CALM	-17	-17	-26	0	
02 UNL 15	1022.9	CALM	-13	-14	-25	0	
03 UNL 15	1017.7	NNW	7	-22	-22	-32	9
04 UNL 4	1015.3	ENE	33	-22	-22	-34	1
05 UNL 10	1011.7	NE	15	-22	-22	-35	0
06 UNL 10	1009.7	NW	17	-25	-25	-36	0
07 UNL 7	1012.0	NW	17	-29	-28	-38	0
08 UNL 10	1018.3	NNW	5	-27	-27	-35	0
09 UNL 15	1017.8	CALM	-33	-33	-41	0	
10 UNL 7	1026.8	S	4	-28	-28	-38	0
11 UNL 10	1030.1	W	6	-24	-24	-34	2
12 UNL 7	1031.2	NNW	4	-30	-31	-40	2
13 UNL 6	1030.1	NNW	13	-29	-29	-39	3
14 UNL 7	1028.2	NNW	10	-32	-32	-39	0
15 UNL 4	1024.1	NNW	8	-24	-24	-32	1
16 10 10	1021.5	CALM	-16	-17	-26	10	
17 UNL 15	1014.3	SSE	19	-17	-18	-27	10
18 90 6	1001.8	S	19	-18	-18	-28	10
19 UNL 10	995.8	E	5	-25	-25	-34	0
20 UNL 15	998.3	E	26	-24	-24	-34	0
21 UNL 7	1008.2	NE	22	-30	-30	-39	0
22 UNL 10	1020.2	NNW	2	-34	-34	-44	0
23 UNL 5	1020.5	NW	12	-39	-39	-48	0
24 UNL 7	1014.8	NNW	5	-35	-35	-44	0
25 90 10	1008.0	SE	10	-24	-24	-32	10
26 UNL 10	1009.9	ESE	25	-28	-28	-37	0
27 UNL 10	1003.1	NNE	3	-34	-34	-44	2
28 90 10	1001.8	SSW	9	-30	-30	-39	10
29 UNL 7	1010.2	SSE	15	-34	-34	-44	0
30 UNL 10	1015.2	SSE	15	-36	-36	-47	2
31 UNL 7	1005.4	SE	26	-29	-29	-39	10
AVG	1015.1		11	-27	-27	-36	3

RESOLUTE A NMT  
DECEMBER 1971 0600 CST

01 UNL 20	1025.8	NNW	3	-9	-10	-19	0
02 UNL 15	1022.2	CALM	-19	-20	-30	0	
03 UNL 15	1017.3	NNW	3	-25	-25	-34	3
04 UNL 5	1014.3	ENE	35	-21	-21	-33	0
05 UNL 10	1010.7	NE	26	-26	-26	-37	0
06 UNL 10	1010.1	NNW	15	-24	-24	-35	0
07 UNL 7	1013.0	NW	21	-29	-29	-39	8
08 UNL 10	1017.1	NNW	8	-29	-29	-37	3
09 UNL 15	1018.1	SE	8	-31	-31	-41	0
10 UNL 8	1027.1	SE	8	-28	-28	-37	0
11 UNL 10	1029.9	SSW	3	-25	-25	-35	7
12 UNL 5	1031.2	CALM	-35	-35	-45	5	
13 UNL 10	1029.7	NNW	13	-29	-29	-39	0
14 UNL 10	1027.9	NNW	13	-31	-31	-40	0
15 UNL 5	1023.5	NNW	9	-22	-22	-31	2
16 5 5	1020.2	SSE	5	-18	-18	-26	10
17 UNL 15	1013.5	SE	15	-19	-19	-28	2
18 90 10	1000.4	SSW	13	-18	-18	-27	10
19 UNL 4	994.9	N	3	-22	-22	-32	4
20 UNL 10	997.4	ENE	30	-23	-23	-33	0
21 UNL 10	1009.9	N	6	-33	-32	-41	0
22 UNL 10	1021.0	NNW	2	-29	-29	-39	0
23 UNL 5	1020.4	NW	14	-37	-37	-46	0
24 80 5	1013.2	NNW	6	-30	-30	-39	10
25 46 7	1007.2	SE	13	-22	-22	-31	9
26 UNL 7	1010.0	SE	23	-30	-30	-40	0
27 UNL 4	1009.5	W	6	-36	-36	-46	0
28 65 10	1003.6	SSW	5	-36	-36	-41	9
29 UNL 7	1011.4	SSE	17	-33	-33	-42	7
30 UNL 10	1022.1	SE	15	-35	-35	-43	0
31 UNL 7	1006.0	SE	24	-27	-27	-36	10
AVG	1014.9		12	-27	-27	-36	3

RESOLUTE A NMT  
DECEMBER 1971 0900 CST

01 UNL 20	1025.5	CALM	-11	-11	-21	0	
02 UNL 15	1021.2	NW	5	-14	-15	-25	0
03 UNL 7	1017.1	NW	5	-26	-26	-34	2
04 UNL 5	1013.6	ENE	29	-22	-22	-33	1
05 UNL 6	1010.1	NE	23	-23	-24	-33	0
06 UNL 7	1009.7	NNW	14	-29	-29	-39	4
07 UNL 8	1014.1	NNW	16	-32	-32	-41	4
08 UNL 7	1016.3	NNW	9	-27	-27	-36	6
09 UNL 15	1019.5	ESE	6	-34	-34	-44	0
10 UNL 10	1027.4	WSW	13	-26	-26	-35	5
11 UNL 10	1029.5	WSW	10	-26	-26	-35	6
12 UNL 10	1031.2	N	6	-31	-31	-39	6
13 10 7	1028.9	N	11	-27	-27	-37	8
14 UNL 15	1026.9	N	8	-30	-31	-39	5
15 UNL 10	1023.3	NNW	10	-22	-22	-30	0
16 UNL 7	1019.5	SE	15	-24	-25	-34	3
17 UNL 15	1012.6	SSE	16	-17	-17	-26	2
18 30 5	998.7	S	10	-18	-19	-27	10
19 UNL 15	994.6	CALM	-25	-25	-34	2	
20 UNL 10	1000.6	ENE	24	-26	-26	-36	0
21 UNL 15	1011.1	NNE	23	-33	-33	-42	0
22 UNL 15	1021.2	NW	9	-35	-35	-42	0
23 UNL 5	1019.5	SE	15	-34	-35	-42	0
24 70 7	1012.3	CALM	-28	-28	-39	8	
25 50 6	1006.2	SE	16	-20	-20	-29	10
26 UNL 10	1010.0	ESE	25	-30	-30	-40	0
27 UNL 5	998.2	NNW	20	-36	-36	-46	0
28 UNL 10	1004.1	S	11	-35	-35	-43	2
29 UNL 10	1012.1	SSE	16	-35	-35	-45	2
30 UNL 10	1009.7	SE	9	-35	-35	-44	0
31 80 11/28S	1006.9	SE	33	-27	-27	-36	10
AVG	1014.6		13	-27	-27	-36	3

RESOLUTE A NMT  
DECEMBER 1971 1200 CST

01 UNL 20	1025.4	CALM	-17	-17	-26	0	
02 UNL 40	1020.3	SSE	2	-13	-14	-25	8
03 UNL 15	1016.8	SSE	8	-17	-17	-26	1
04 UNL 10	1013.4	E	23	-19	-20	-30	1
05 UNL 15	1009.5	NE	33	-25	-25	-36	1
06 UNL 10	1009.5	NNW	15	-29	-29	-39	4
07 UNL 15	1015.2	NW	23	-31	-32	-40	1
08 UNL 10	1015.7	SE	6	-29	-29	-36	2
09 UNL 15	1020.7	ESE	5	-30	-31	-39	1
10 UNL 6	1028.7	WSW	10	-25	-25	-34	8
11 UNL 10	1029.9	SW	11	-27	-27	-37	8
12 UNL 7	1031.4	N	8	-32	-32	-41	8
13 UNL 7	1028.5	NNW	9	-24	-24	-34	5
14 UNL 6	1026.7	NNW	9	-31	-32	-40	7
15 23 10	1022.9	NNW	10	-19	-19	-28	9
16 UNL 10	1018.5	ESE	15	-24	-24	-33	1
17 120 10	1010.6	SSE	15	-16	-16	-25	10
18 20 5	997.9	S	12	-17	-18	-27	10
19 UNL 15	994.6	CALM	-26	-26	-37	2	
20 UNL 10	1001.4	NE	26	-28	-28	-38	1
21 UNL 10	1012.7	NW	5	-30	-30	-40	7
22 UNL 10	1022.0	W	7	-37	-36	-41	0
23 UNL 3	1018.5	NNW	10	-37	-37	-47	0
24 UNL 7	1011.2	CALM	-29	-29	-40	4	
25 45 4	1006.1	ESE	20	-20	-20	-29	10
26 UNL 10	1009.0	SE	17	-33	-33	-42	1
27 UNL 4	999.5	NW	7	-38	-38	-46	0
28 UNL 15	1005.8	NE	16	-37	-37	-46	0
29 UNL 10	1011.6	SSE	14	-34	-34	-44	2
30 UNL 7	1007.4	SSE	9	-36	-36	-46	0
31 90 11/28S	1007.2	SE	30	-23	-24	-33	9
AVG	1014.4		12	-27	-27	-36	4

RESOLUTE A NMT  
DECEMBER 1971 1500 CST

01 UNL 20	1025.1	CALM	-17	-17	-26	0	
02 UNL 20	1020.0	CALM	-18	-19	-31	4	
03 UNL 15	1017.3	NNW	12	-26	-26	-36	1
04 UNL 10	1013.4	NNE	8	-15	-16	-26	1
05 UNL 8	1009.6	NE	20	-24	-25	-36	1
06 UNL 5	1009.7	NNW	9	-30	-31	-40	6
07 UNL 6	1017.3	NW	19	-32	-33	-42	1
08 UNL 10	1015.7	SSW	2	-28	-28	-39	3
09 UNL 8	1022.1	CALM	-32	-32	-40	0	
10 30 5	1028.8	WSW	15	-25	-25	-35	10
11 UNL 15	1030.4	W	8	-28	-28	-37	6
12 UNL 4	1031.9	NNW	9	-32	-32	-41	3
13 UNL 7	1028.7	NNW	5	-26	-26	-36	4
14 UNL 5	1026.2	NNW					

## SYNOPTIC OBSERVATIONS

## SACHS HARBOUR

Date	Cloud (100%)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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SACHS HARBOUR MMT  
JULY 1971 0200 MST

01 UNL 15				1017.9 MW	8	39	38	37	5	
02 0 0	L-F			1018.8 MNW	10	35	35	35	10	
03 4 6	L-F			1018.6 N	10	34	34	33	10	
04 3 10				1017.2 MW	10	37	36	35	10	
05 UNL 1/2F				1019.9 N	18	33	33	33	7	
06 UNL 15				1023.0 N	10	44	41	37	2	
07 40 15				1024.9 N	16	41	38	34	9	
08 50 15				1025.9 SE	8	51	48	45	8	
09 50 15				1022.7 R	6	52	49	46	8	
10 80 15+				1016.5 SSE	12	46	45	44	9	
11 15 15				1009.0 SE	10	46	46	46	10	
12 0 0	F			1003.7 NW	24	41	41	41	10	
13 60 1/2F				1005.5 W	6	32	32	31	9	
14 1 1/2F				1009.7 N	8	37	37	37	10	
15 60 15+				1006.7 E	6	43	40	36	10	
16 0 0	F			1008.3 SW	10	34	34	34	10	
17 2 1/4F				1016.4 W	10	32	32	32	10	
18 10 10	R-			1017.4 WSW	10	36	36	36	10	
19 1 1/2F				1022.0 NW	8	33	33	32	10	
20 70 15				1021.9 N	16	38	36	34	7	
21 UNL 15				1022.1 SE	8	40	39	38	1	
22 UNL 15				1022.6 ESE	12	44	40	35	0	
23 UNL 15				1021.4 ESE	12	46	44	41	0	
24 50 15				1015.9 SE	10	49	48	46	8	
25 1 1/8F				1015.9 S	6	43	43	43	10	
26 UNL 15				1018.7 SE	8	50	46	43	0	
27 100 15+				1012.8 SE	18	52	49	46	9	
28 UNL 1/4F				1014.8 N	8	43	43	43	7	
29 0 1/2F				1004.6 S	8	48	48	48	10	
30 0 1/8F				1011.1 W	10	39	39	39	10	
31 0 0	F			1009.3 SSE	18	40	40	40	10	
AVG				1015.9	11	41	40	39	8	

SACHS HARBOUR MMT  
JULY 1971 0500 MST

01 UNL 1/2F				1017.6 MW	8	36	36	36	7	
02 UNL 1/2F				1017.0 MNW	10	32	32	32	8	
03 5 10				1018.6 N	10	33	32	31	10	
04 0 0	F			1016.9 NW	10	35	35	35	10	
05 2 0	F			1020.0 N	20	34	34	34	10	
06 UNL 15				1023.6 N	10	44	40	36	2	
07 250 15				1024.7 N	20	40	38	36	9	
08 40 15				1025.9 SSE	10	51	48	46	9	
09 UNL 15				1021.9 SE	6	51	49	47	3	
10 80 15+				1016.8 ENE	10	52	50	48	9	
11 20 15	R-			1007.0 ENE	4	50	49	49	10	
12 0 0	L-F			1005.4 NW	24	37	37	37	10	
13 30 4	F			1004.7 MNW	6	32	32	32	10	
14 2 5	F			1009.7 CALM	38	38	38	38	10	
15 80 15+				1005.7 SE	8	46	43	40	10	
16 0 0	F			1008.9 W	10	36	36	36	10	
17 5 1/4F				1017.0 WSW	8	33	33	33	10	
18 10 15				1017.8 N	14	34	33	32	10	
19 UNL 1/2F				1022.0 MNW	6	33	33	33	8	
20 UNL 15				1021.9 N	14	37	36	34	3	
21 UNL 15				1023.0 SE	6	40	39	38	0	
22 UNL 15				1022.6 E	12	43	40	37	0	
23 UNL 15				1020.5 ESE	12	46	43	40	1	
24 100 15				1015.5 SE	10	49	47	45	7	
25 1 1/4F				1017.1 SE	4	55	45	45	10	
26 UNL 15				1018.7 SE	4	52	46	42	1	
27 UNL 15				1013.2 SE	22	51	48	45	9	
28 70 15				1014.0 N	8	45	44	44	9	
29 10 15				1002.5 SSW	26	46	45	44	9	
30 0 0	F			1011.5 W	10	40	40	40	10	
31 20 15				1007.0 SE	20	44	42	40	8	
AVG				1015.7	11	42	40	39	7	

Date	Cloud (100%)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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SACHS HARBOUR MMT  
JULY 1971 0800 MST

01 UNL 15				1017.2 N	10	42	41	40	2	
02 5 12				1017.1 N	10	35	34	32	8	
03 9 10				1018.3 N	10	34	32	29	9	
04 0 0				1016.9 N	10	36	36	35	10	
05 UNL 1	F-F			1019.9 N	22	37	36	35	7	
06 UNL 15				1023.6 N	10	47	43	39	4	
07 35 15				1024.5 N	22	42	40	38	9	
08 40 15				1026.0 S	6	49	45	41	9	
09 UNL 15				1020.6 NE	4	58	52	47	1	
10 UNL 15+				1015.7 SE	6	53	50	48	6	
11 30 15+				1005.6 NE	4	51	51	50	9	
12 0 1/2L-F				1006.5 NW	18	37	37	36	10	
13 1 1	F			1004.4 MNW	14	36	36	36	10	
14 0 1/4F				1009.7 SW	4	39	39	39	10	
15 50 15	R-			1005.0 SW	4	43	41	40	10	
16 2 8				1009.7 W	14	37	37	36	10	
17 UNL 1	F			1017.6 WSW	8	34	34	34	6	
18 10 15+				1018.8 NW	14	34	34	32	10	
19 1 6	F			1022.0 N	4	34	34	34	9	
20 UNL 15				1021.8 N	10	41	39	38	2	
21 UNL 15				1023.3 SSE	2	44	41	38	7	
22 UNL 15				1022.1 ESE	16	50	45	39	1	
23 UNL 15				1019.6 SE	10	50	46	41	2	
24 UNL 15				1014.9 S	6	48	46	44	5	
25 0 0	F			1016.6 SSW	4	44	44	44	10	
26 UNL 15				1017.9 SE	16	51	48	45	2	
27 UNL 15				1013.1 SSE	18	55	49	45	3	
28 120 15				1012.6 NE	10	51	50	49	8	
29 0 0	L-F			999.7 SSW	24	44	44	44	10	
30 1 1/8R-F				1009.6 SSE	12	40	40	40	10	
31 30 15				1004.3 SE	18	45	43	41	9	
AVG				1015.3	11	43	42	40	7	

SACHS HARBOUR MMT  
JULY 1971 1100 MST

01 UNL 15+				1016.5 NW	8	45	43	41	2	
02 7 15				1017.4 NW	10	37	36	35	10	
03 10 15+				1018.2 NW	10	36	34	31	9	
04 6 12				1017.0 N	10	37	37	36	10	
05 UNL 15+				1019.9 N	18	47	43	39	3	
06 UNL 15+				1023.7 N	14	51	44	36	5	
07 UNL 15+				1024.5 NNE	14	50	45	41	5	
08 UNL 15+				1026.0 SSW	8	52	48	45	4	
09 UNL 15+				1019.8 SSW	6	61	55	51	2	
10 UNL 15				1013.1 SSE	18	55	49	45	3	
11 30 15				1004.3 SSW	4	53	52	52	9	
12 3 3	F			1007.1 W	16	37	36	36	10	
13 6 6	L-F			1005.3 NW	18	37	36	35	10	
14 20 6	F			1009.7 SW	8	40	40	39	10	
15 50 15	R-			1004.5 SW	4	44	43	41	10	
16 0 1/4F				1010.9 WSW	16	36	36	36	10	
17 8 15				1017.9 SW	10	37	36	34	9	
18 10 15				1019.7 MNW	16	37	36	35	10	
19 11 15				1021.6 WSW	4	39	38	36	9	
20 UNL 15				1021.6 N	12	47	42	36	3	
21 90 15				1023.3 SSE	8	46	43	40	8	
22 UNL 15				1022.0 SE	16	54	46	37	5	
23 UNL 15				1018.5 S	8	54	49	44	7	
24 UNL 15				1014.8 SSE	10	50	46	43	8	
25 UNL 15				1017.4 SW	6	48	47	46	5	
26 UNL 15				1017.8 SSE	24	55	50	46	3	
27 UNL 15				1013.2 SSE	26	54	50	46	7	
28 UNL 15				1012.1 NE	18	57	51	47	5	
29 2 1/2F				1000.2 W	16	45	45	45	10	
30 3 2	R-F			1009.8 W	6	42	42	42	10	
31 50 12				1003.6 SE	16	46	45	44	9	
AVG				1015.3	12	46	43	41	7	

Date	Cloud (100%)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
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SACHS HARBOUR MMT  
JULY 1971 1400 MST

01 UNL 15+				1016.6 MNW	10	45	42	38	1	
02 10 15				1018.4 NW	8	38	37	36	10	
03 10 15+				1018.1 NW	10	38	36	33	10	
04 UNL 15+				1017.6 MNW	14	43	40	38	3	
05 UNL 15+				1020.6 N	18	54	47	40	3	
06 UNL 15+				1024.3 N	14	50	44	38	7	
07 UNL 15+				1025.3 N	14	58	51	46	5	
08 200 15+				1025.5 SSW	6	59	50	46	8	
09 UNL 15+				1019.0 MNW	10	61	54	48	1	
10 UNL 15				1014.3 S	16	51	47	44	8	
11 30 15				1003.1 NW	8	56	53	51	9	
12 4 10				1007.6 MNW	14	37	35	33	6	
13 6 5	L-F			1006.5 NW	22	39	37	36	10	
14 UNL 10										

## SYNOPTIC OBSERVATIONS

## SACHS HARBOUR

Date	Calling (100% R.L.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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SACHS HARBOUR NMT  
AUGUST 1971 0200 MST

01 30 15				1008.3 N	16	35	34	32	9	
02 UNL 15				1010.4 N	10	35	34	32	8	
03 70 15				998.8 CALM	47	46	45	8		
04 6 3	F			1003.6 MNW	20	35	34	32	10	
05 10 4	R-			1008.4 MSW	16	35	34	33	10	
06 10 3	SW-			1008.0 MSW	18	34	33	31	10	
07 10 8	SW-			1003.1 W	12	31	31	30	10	
08 10 5	SW-			1003.9 NW	8	32	32	32	10	
09 10 15				1012.6 MSW	8	29	29	28	10	
10 10 10				1014.8 MNW	6	30	30	29	7	
11 15 15+				1015.4 MNW	12	31	30	29	7	
12 10 3	ZL-S-			1014.0 MNW	26	32	32	32	10	
13 10 2	SW-			1003.9 MNW	22	29	29	28	10	
14 15 15+				1011.4 W	10	27	26	24	10	
15 1 1/22L-F				1010.0 NW	16	32	32	32	10	
16 UNL 0	F			1016.3 CALM	26	28	27	3		
17 1 1/8F				1014.4 CALM	33	33	33	10		
18 10 15				1011.0 S	10	36	35	35	10	
19 UNL 15				1006.4 SE	12	36	35	33	1	
20 UNL 15+				1004.0 SE	22	39	38	36	4	
21 70 15	R-			998.3 SE	28	47	45	43	10	
22 80 15				994.6 ENE	10	46	45	44	10	
23 10 2	L-			990.9 NNE	18	42	42	41	10	
24 0 0	F			999.9 N	14	37	37	10		
25 10 2	F			1010.5 SE	8	41	41	41	10	
26 25 15				1012.0 SE	8	40	39	39	9	
27 0 0	F			1012.8 MNW	18	36	36	36	10	
28 10 15				1017.7 N	6	30	30	29	10	
29 6 15				1010.4 SW	10	32	31	28	10	
30 10 10				1009.0 W	20	27	26	24	10	
31 10 10				1012.4 MNW	14	29	28	26	10	
AVG				1007.0	13	35	34	33	9	

SACHS HARBOUR NMT  
AUGUST 1971 0500 MST

01 30 15				1009.1 N	10	36	34	32	9	
02 UNL 15				1009.5 ENE	14	34	33	31	9	
03 25 15				998.6 N	4	46	46	45	10	
04 6 4	ZL-S-F			1003.8 MNW	14	34	33	32	9	
05 10 10	R-			1007.8 MSW	18	36	35	34	10	
06 10 10	L-			1006.5 MSW	22	35	34	32	10	
07 10 6	SW-			1003.1 W	14	31	31	30	10	
08 10 12	SW-			1004.9 NW	12	31	31	30	10	
09 80 12	SW-			1012.8 SW	6	30	30	29	10	
10 5 1	S-			1013.8 MNW	8	31	31	30	10	
11 15 15+				1016.7 NW	20	32	32	32	10	
12 9 2	S-			1012.8 MNW	26	32	32	32	10	
13 15 15+				1004.7 MNW	28	26	26	25	10	
14 15 4	S-			1010.6 W	12	30	29	10		
15 0 1/4F				1011.0 NW	16	31	31	31	10	
16 80 1	F			1016.7 CALM	29	28	10			
17 1 1/8F				1014.0 CALM	33	33	33	10		
18 UNL 15				1010.7 SE	6	35	35	34	2	
19 UNL 15				1005.9 SE	12	39	37	34	1	
20 UNL 15				1003.3 SE	20	38	37	35	3	
21 80 15				998.3 SE	20	46	44	43	9	
22 30 15	R-			993.4 ENE	12	47	46	45	10	
23 4 10	F			990.9 NNE	24	41	41	41	10	
24 6 2	F			1001.5 NNE	12	37	37	10		
25 3 1/4F				1011.4 SE	10	40	40	40	10	
26 30 15				1011.8 SE	8	40	39	38	9	
27 3 1/4F				1014.1 N	16	33	33	33	10	
28 10 15				1017.1 NNE	4	30	29	28	10	
29 4 3	F			1009.3 W	16	32	32	32	10	
30 10 10				1005.1 MNW	22	28	28	26	10	
31 10 10				1013.8 NW	14	29	28	26	10	
AVG				1007.8	14	35	34	33	9	

Date	Calling (100% R.L.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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SACHS HARBOUR NMT  
AUGUST 1971 0800 MST

01 30 15				1010.2 MNW	8	37	34	30	10	
02 UNL 15				1007.5 ENE	14	39	38	36	6	
03 12 15				998.8 N	26	43	42	41	9	
04 8 15				1004.8 MNW	18	34	32	30	9	
05 9 4				1007.9 W	18	36	35	34	10	
06 8 8	R-			1004.6 MSW	22	36	35	34	10	
07 10 12	SW-			1003.1 W	10	31	31	30	10	
08 UNL 12				1006.1 NW	18	31	31	31	7	
09 15 15				1013.0 SW	4	32	31	30	9	
10 10 2	S-			1013.4 MNW	6	31	31	31	10	
11 15 10	SW-			1017.7 NW	16	29	29	27	10	
12 5 6	R-			1011.0 MNW	22	33	33	33	10	
13 15 15+				1006.0 MNW	24	27	26	24	10	
14 15 6	S-			1009.2 W	14	32	32	32	10	
15 10 15				1011.6 MNW	12	31	31	30	10	
16 50 15				1016.5 CALM	29	29	28	8		
17 3 1/2F				1013.5 CALM	33	33	33	10		
18 UNL 15				1009.8 SE	12	39	38	36	3	
19 UNL 15				1005.4 SE	16	43	41	38	1	
20 UNL 15				1002.0 SE	18	41	39	37	7	
21 UNL 15				998.1 SE	18	47	45	43	9	
22 30 15	R-			992.5 ENE	14	47	46	46	10	
23 5 15				992.2 N	18	40	40	40	10	
24 10 15				990.9 NNE	10	37	37	36	10	
25 10 10				1011.9 SE	8	40	40	40	10	
26 20 15				1011.3 SE	4	41	40	38	9	
27 6 8				1014.9 NW	16	32	31	30	10	
28 10 4	S-			1016.2 NNE	4	29	29	28	10	
29 6 4	F			1007.5 MSW	14	33	32	30	10	
30 10 1	S-			1005.8 MNW	20	27	27	25	10	
31 UNL 15				1014.8 N	12	29	28	26	6	
AVG				1007.7	13	35	34	33	9	

SACHS HARBOUR NMT  
AUGUST 1971 1100 MST

01 10 15				1010.5 NW	10	38	35	31	10	
02 UNL 15+				1006.1 E	16	49	44	38	4	
03 10 15+				999.3 MNW	34	41	40	39	10	
04 7 15+				1006.0 W	18	33	32	30	10	
05 11 15	R-			1008.1 MSW	20	36	35	34	10	
06 10 15				1003.4 MSW	24	37	36	35	10	
07 10 15				1002.5 W	8	33	32	31	10	
08 10 10				1007.8 NW	18	32	31	30	8	
09 10 4	SW-			1013.4 MNW	12	33	32	30	10	
10 6 10				1013.8 NW	8	34	33	33	9	
11 10 10	SW-			1018.2 NW	18	30	30	29	9	
12 5 1	L-F			1009.1 MNW	24	33	33	33	10	
13 15 15+				1007.0 MNW	26	29	28	27	10	
14 10 10	3/4S-F			1008.6 W	16	32	32	32	10	
15 6 15				1012.6 NW	10	32	31	30	10	
16 30 15				1016.5 S	6	31	31	30	8	
17 120 1	F			1012.9 SE	4	35	35	35	9	
18 UNL 15				1009.7 SSE	16	43	39	36	4	
19 UNL 15				1005.2 SE	18	48	45	42	3	
20 UNL 15				1001.1 SE	20	44	44	41	10	
21 UNL 15				998.3 SSE	12	44	42	41	10	
22 30 15	R-			990.9 NE	22	47	47	46	10	
23 5 15				993.0 NNE	24	41	41	40	10	
24 10 15				1004.3 NNE	12	39	38	38	10	
25 10 15				1011.9 SSE	12	42	40	38	10	
26 50 15+				1011.3 SSE	6	42	41	40	9	
27 10 15				1015.9 NW	14	33	32	31	9	
28 15 15+				1012.2 CALM	32	32	32	9		
29 10 5	SW-			1005.5 MSW	26	33	32	31	10	
30 10 4	S-			1006.0 W	24	29	29	28	9	
31 20 15+				1015.2 NW	12	30	29	27	9	
AVG				1007.7	16	37	36	34	9	

Date	Calling (100% R.L.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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SACHS HARBOUR NMT  
AUGUST 1971 1400 MST

01 10 15+				1011.1 NW	4	37	36	35	10	
02 150 15+				1004.0 E	16	52	45	38	8	
03 10 15+				1000.8 MNW	32	39	37	34	10	
04 13 15+				1007.4 W	18	34	33	33	10	
05 10 10	R-			1007.7 SW	20	37	36	35	10	
06 10 15				1002.6 MSW	24	36	36	35	10	
07 10 15				1002.4 SW	12	34	33	31	10	
08 10 15				1010.0 NW	18	32	31	30	9	
09 10 15				1013.9 MSW	14	34	32	30	10	
10 5 10	SW-			1013.1 MNW	12	35	34	32	10	
11 10 10				1018.7 NW	20	33	31	29	10	
12 4 8	S-			1008.0 MNW	26	32	32	32	10	
13										

## SYNOPTIC OBSERVATIONS

## SACHS HARBOUR

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (percent)
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SACHS HARBOUR NMT  
SEPTEMBER 1971 0200 MST

01 12 10				1015.7 NM	14	26	26	24	10	
02 10 3	S-			1014.5 NM	12	30	29	28	10	
03 UNL 15				1013.1 E	14	25	24	23	0	
04 UNL 15				1002.5 SE	32	34	32	29	1	
05 12 12	R-			992.9 E	14	35	34	33	10	
06 80 15				999.8 NE	6	32	32	31	10	
07 0 0	L-F			999.7 S	4	35	35	35	10	
08 20 15				1002.9 NNE	10	26	26	25	10	
09 50 15	S-			1004.8 NE	4	29	28	28	10	
10 UNL 15				1011.6 CALM	29	28	28	6		
11 15 15				1012.2 ESE	16	32	30	27	9	
12 12 1	F			1009.4 S	14	36	36	36	10	
13 UNL 10				1018.4 N	15	28	27	26	4	
14 UNL 15				1024.8 SSE	4	30	29	27	0	
15 6 10				1016.3 WSW	20	35	34	33	10	
16 8 10				1024.0 WNW	15	25	24	23	10	
17 UNL 15				1010.2 SE	15	33	32	30	0	
18 2 2	ZL-F			1010.2 NW	25	31	31	30	10	
19 7 10				1028.4 NW	14	25	25	23	10	
20 UNL 15				1014.8 SSE	28	33	32	30	0	
21 2 4	F			1012.0 NW	16	29	29	29	10	
22 5 15				1018.1 WNW	8	22	22	20	10	
23 UNL 15				1024.2 CALM	19	19	17	0		
24 9 15				1019.2 S	14	19	19	10		
25 UNL 15				1015.3 SE	12	33	32	32	0	
26 0 0	F			1014.3 WSW	4	32	32	32	10	
27 20 10				1014.9 WNW	14	28	28	26	10	
28 20 6	S-			1018.4 WNW	20	28	27	25	10	
29 8 3	S-			1010.2 WSW	16	30	29	27	10	
30 40 15				1000.2 WSW	14	26	25	22	10	
AVG				1012.5	13	30	29	28	7	

SACHS HARBOUR NMT  
SEPTEMBER 1971 0500 MST

01 10 10				1015.6 NM	10	26	26	24	10	
02 3 1/2F				1014.3 WNW	14	31	31	30	10	
03 UNL 15				1012.6 ESE	16	28	27	25	1	
04 UNL 15				1000.5 SE	32	34	33	30	6	
05 2 1/4F				993.3 SW	14	36	36	35	10	
06 20 15				999.9 SE	6	35	35	35	10	
07 2 1/4L-F				999.9 SE	6	35	35	35	10	
08 15 15				1003.2 NE	10	24	23	21	10	
09 5 10	S-			1005.3 N	4	29	28	27	10	
10 30 15	S-			1012.3 S	10	32	30	28	9	
11 UNL 15				1011.3 ESE	12	30	28	25	2	
12 3 1	F			1010.0 SSW	10	34	34	34	10	
13 60 15				1011.3 NNE	12	29	28	25	9	
14 UNL 15				1024.5 SE	10	29	29	28	1	
15 15 10	S-			1016.6 W	16	31	31	30	10	
16 9 10				1024.9 WNW	10	26	25	23	10	
17 UNL 15				1007.2 SE	14	34	32	29	5	
18 2 2	ZL-F			1011.6 WNW	20	31	31	30	10	
19 7 10	S-			1029.5 WNW	8	24	24	23	10	
20 UNL 15				1011.3 SSE	20	33	32	30	2	
21 15 10				1012.9 NW	15	29	27	26	10	
22 5 3	F			1019.3 WNW	10	20	19	10		
23 UNL 15				1024.3 CALM	21	21	19	4		
24 9 15				1018.1 SE	16	32	31	29	7	
25 0 0	L/F			1015.3 SE	14	32	32	32	10	
26 0 0	F			1013.3 CALM	32	32	32	32	10	
27 13 6	S-F			1016.0 WNW	12	25	24	22	7	
28 40 15				1018.4 WNW	14	26	26	26	8	
29 12 15				1009.0 WNW	6	27	27	25	10	
30 10 3	S-			999.7 WNW	12	24	23	21	10	
AVG				1012.3	12	29	29	27	8	

SACHS HARBOUR NMT  
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01 10 10				1015.3 NM	12	27	26	25	10	
02 10 15				1014.1 N	12	27	27	26	9	
03 UNL 15				1011.6 ESE	18	30	29	27	1	
04 30 15	R-			998.5 ESE	30	36	34	31	9	
05 2 1/4F				994.5 SSW	14	35	35	35	10	
06 15 10				999.3 ENE	6	34	34	33	10	
07 5 3	S-F			1000.1 ENE	12	32	32	32	10	
08 6 10				1003.5 ENE	8	23	22	19	6	
09 5 3	S-			1006.0 N	10	28	28	27	10	
10 15 15				1012.5 S	10	32	31	29	9	
11 50 15				1010.9 ESE	14	32	31	28	9	
12 2 3/4F				1011.0 SW	6	32	32	32	10	
13 50 15				1020.8 NNE	14	29	27	24	9	
14 6 15				1023.9 SE	14	31	31	30	9	
15 8 10	S-			1018.1 WNW	20	29	29	27	9	
16 10 15				1023.1 WSW	10	28	27	25	10	
17 80 15				1004.6 SE	14	35	33	31	9	
18 5 10				1014.0 N	35	28	28	27	10	
19 8 10	ZL-			1029.0 WNW	2	25	25	23	10	
20 6 8				1009.3 SSE	23	34	33	33	10	
21 15 15				1013.7 NW	15	27	26	24	10	
22 UNL 1/2F				1020.1 N	5	20	20	19	7	
23 10 15+				1024.1 CALM	23	23	22	10		
24 10 15				1017.2 ESE	16	32	31	30	6	
25 0 0	F			1015.3 SE	12	32	32	32	10	
26 0 0	F			1013.0 SE	8	32	32	32	10	
27 4 10	S-			1017.1 W	10	25	24	22	10	
28 10 6	S-			1017.7 W	12	28	27	26	10	
29 20 15				1008.0 W	6	24	23	20	8	
30 30 15				999.0 WNW	6	24	23	20	10	
AVG				1012.2	12	29	29	27	9	

SACHS HARBOUR NMT  
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01 20 15+				1015.0 NM	12	28	27	25	10	
02 UNL 12				1013.8 NNE	14	24	24	23	6	
03 UNL 15+				1010.4 ESE	34	33	32	29	6	
04 30 15	R-			996.1 ESE	40	38	36	34	10	
05 1 1/8F				996.1 SSW	14	36	36	36	10	
06 20 15	L-F			999.1 ENE	8	36	36	36	10	
07 8 10	S-			1000.6 ENE	18	30	30	29	10	
08 50 15				1003.7 NNE	8	26	25	23	8	
09 UNL 10				1006.9 N	8	29	29	27	7	
10 15 15				1012.5 SSW	12	34	32	29	9	
11 50 15				1010.5 ESE	16	34	33	31	9	
12 UNL 1/4F				1012.0 W	5	31	31	31	8	
13 50 15				1022.4 NNE	12	30	29	27	8	
14 7 15				1022.8 SSE	20	34	32	30	10	
15 8 15				1020.0 NW	18	26	25	22	10	
16 12 15				1021.5 SSW	16	30	29	26	10	
17 UNL 15				1003.4 SE	18	38	36	34	7	
18 8 15				1017.7 WNW	28	25	24	23	10	
19 11 15				1028.3 SW	14	27	26	24	10	
20 6 10				1007.8 S	16	35	34	33	10	
21 15 15				1015.5 NW	15	25	24	22	10	
22 160 8				1021.2 WNW	6	21	21	18	9	
23 10 15+				1023.5 SSW	10	26	26	24	10	
24 UNL 15				1016.7 SE	16	35	34	33	7	
25 0 0	F			1015.0 SSE	12	33	33	33	10	
26 0 0	F			1012.4 S	8	33	33	32	10	
27 2 12	S-F			1017.7 WNW	8	26	26	24	9	
28 20 12				1016.1 W	6	30	29	27	8	
29 80 15+				1007.2 WNW	6	25	24	22	8	
30 15 10				998.5 W	4	26	25	22	10	
AVG				1012.1	14	30	29	28	9	

SACHS HARBOUR NMT  
SEPTEMBER 1971 1400 MST

01 10 15+				1015.4 NW	16	28	28	27	10	
02 10 15+	S-			1013.6 NE	12	26	26	25	10	
03 UNL 15+				1009.2 ESE	24	36	35	32	9	
04 30 15				994.9 ESE	36	38	36	34	10	
05 1 1/8F				997.3 SSW	12	35	35	35	10	
06 1 1/8L-F				999.5 SSW	4	37	37	37	10	
07 50 15+				1001.1 NE	18	29	29	28	10	
08 60 15				1004.0 NE	8	27	26	24	8	
09 6 15				1008.3 N	8	31	29	26	9	
10 250 15+				1013.0 SSW	10	35	32	29	9	
11 60 15				1010.0 SE	18	36	36	33	9	
12 UNL 1	F			1013.5 NW	10	33	32	31	4	
13 50 15				1023.4 NNE	14	30	30	28	9	
14 8 15				1021.3 SSE	26	33	32	30	10	
15 8 10				1021.9 NW	22	25	24	21	8	
16 12 15				1019.4 SSW	12	32	30	28	10	
17 10 10				1002.6 SSE	16	37	36	35	10	
18 8 15				1021.3 N	26	24	23	21	8	
19 13 15				1027.0 S	12	28	27	25	10	
20 0 0	F			1008.0 WNW	12	31	30	30	10	
21 10 15				1014.9 NW	14	28	27	25</		

## SYNOPTIC OBSERVATIONS

SACHS HARBOUR

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT  
OCTOBER 1971 0200 MST

01 UNL 15	1000.1 W	8	22	22	20	10				
02 25 10	1007.0 NW	1	19	19	15	9				
03 05 10	1006.4 N	17	16	15	11	9				
04 13 3	1010.5 NE	20	17	16	13	10				
05 UNL 10	1018.0 N	14	6	6	1	10				
06 UNL 19	1019.1 ENE	21	11	7	6					
07 30 10	1017.5 ESE	7	23	22	20	9				
08 30 15	1012.5 ESE	17	28	27	26	10				
09 UNL 15	1002.6 ESE	19	27	27	25	6				
10 14 15	1016.6 ESE	23	31	31	30	10				
11 12 15	1003.7 SE	21	30	30	29	10				
12 1 8	999.8 WSW	19	29	29	28	10				
13 10 10	1004.5 WNW	16	20	20	18	10				
14 14 10	1027.4 WNW	8	11	10	7	10				
15 20 6	1028.6 WNW	5	17	16	13	10				
16 10 6	1009.6 SSE	36	25	24	22	10				
17 20 15	987.5 ESE	15	27	27	25	10				
18 30 3	985.8 E	15	27	27	25	10				
19 40 6	992.9 NE	24	18	18	16	10				
20 20 1/2BS	992.3 NNE	34	5	5	1	10				
21 12 3	994.1 NW	18	9	8	4	10				
22 7 15	1006.0 WNW	4	15	15	12	10				
23 UNL 15	999.0 ESE	18	17	16	12	2				
24 15 15	996.1 SE	20	22	21	17	10				
25 20 15	1001.6 ENE	12	17	16	13	10				
26 UNL 15	1012.8 WNW	7	7	3	3					
27 20 6	1021.1 ENE	4	7	7	4	10				
28 12 10	1015.2 SSE	24	21	20	17	10				
29 12 6	996.9 SSE	24	27	26	24	10				
30 12 10	998.7 W	8	20	20	19	10				
31 15 6	999.6 WNW	12	9	9	6	10				
AVG	1005.9	16	19	18	16	9				

SACHS HARBOUR NMT  
OCTOBER 1971 0500 MST

01 25 15	1000.5 WNW	8	22	22	19	9				
02 UNL 15	1005.0 NE	7	15	15	12	3				
03 UNL 15	1007.2 N	19	8	8	4	1				
04 14 2	1009.2 NE	23	16	16	13	10				
05 UNL 15	1020.3 N	9	2	1	3	0				
06 140 4	1017.1 ENE	25	10	10	7	9				
07 25 6	1017.6 ESE	8	24	24	21	10				
08 12 10	1009.5 ESE	24	27	27	26	10				
09 UNL 15	1004.6 ESE	19	28	28	27	7				
10 15 15	1016.1 SSE	27	31	31	29	10				
11 12 15	1001.3 SE	24	31	31	30	10				
12 4 10	1000.6 W	20	28	28	27	10				
13 8 6	1007.1 WNW	16	15	15	12	10				
14 14 10	1028.5 WNW	14	13	13	9	10				
15 20 6	1027.3 WSW	17	17	17	14	10				
16 19 6	1006.4 SSE	32	24	24	22	10				
17 UNL 15	986.2 ESE	20	27	26	24	2				
18 30 15	985.8 E	10	27	26	24	10				
19 10 3	993.6 NE	28	16	16	14	10				
20 15 4	992.5 N	20	8	8	4	10				
21 8 11/25-	994.7 WNW	22	12	12	9	10				
22 9 10	1006.0 SW	6	15	15	11	10				
23 UNL 15	997.9 ESE	16	19	18	14	3				
24 15 6	996.7 S	22	20	20	16	10				
25 20 6	1002.3 E	10	18	18	15	9				
26 UNL 15	1016.4 WNW	12	3	3	1	2				
27 11 6	1021.7 NE	4	10	10	7	10				
28 12 10	1013.3 ESE	20	19	18	15	10				
29 12 3	995.7 SSE	20	26	26	24	10				
30 8 3	998.4 CALM	20	20	20	18	10				
31 15 10	1000.0 N	4	7	7	4	10				
AVG	1005.9	16	18	18	15	8				

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT  
OCTOBER 1971 0800 MST

01 UNL 15	1001.2 NW	7	20	20	18	9				
02 UNL 15	1008.0 ENE	12	12	11	7	7				
03 UNL 15	1008.4 N	11	4	4	2	3				
04 9 1	1008.0 NE	28	17	17	14	10				
05 UNL 10	1021.9 NE	4	1	1	3	7				
06 30 4	1015.9 ENE	26	11	11	8	8				
07 12 1	1017.2 ESE	14	25	25	23	10				
08 70 15	1007.2 SE	22	29	29	28	8				
09 40 15	1006.4 SE	20	28	28	26	9				
10 12 15	1014.4 SSE	30	32	32	32	9				
11 3	999.9 SE	23	30	30	30	10				
12 6 8	1001.1 W	18	26	26	25	10				
13 10 6	1009.7 WNW	17	14	14	12	10				
14 12 15	1029.5 NW	14	12	12	8	8				
15 20 4	1025.9 S	10	18	17	14	10				
16 15 8	1001.6 SSE	32	27	26	24	10				
17 20 15	987.6 ESE	8	27	26	24	10				
18 20 8	994.0 WNW	24	14	14	11	10				
19 20 1	992.8 WNW	20	9	8	5	10				
20 15 3	996.2 NW	22	15	15	12	10				
21 12 3	1005.9 SW	12	14	14	11	10				
22 9 10	997.0 SE	20	20	19	15	7				
23 UNL 15	997.6 SSE	18	21	20	17	10				
24 15 8	1003.3 ENE	14	14	14	10	7				
25 UNL 15	1015.7 WNW	10	8	8	5	5				
26 UNL 15	1021.6 ENE	9	12	12	9	10				
27 15 10	1011.2 ESE	22	19	19	15	10				
28 12 10	994.7 SE	14	26	25	24	9				
29 5 11/25-	998.1 WNW	10	22	22	20	10				
30 8 6	1000.4 N	5	10	10	7	10				
31 15 10										
AVG	1005.7	17	18	18	15	9				

SACHS HARBOUR NMT  
OCTOBER 1971 1100 MST

01 7 10	1001.8 ESE	5	22	22	20	10				
02 UNL 15	1008.9 E	10	9	9	5	9				
03 UNL 15	1009.9 N	6	6	6	2	2				
04 6 1/2BS	1007.3 NNE	20	18	18	16	10				
05 UNL 10	1022.4 NE	12	4	4	0	6				
06 20 10	1015.8 ENE	26	14	14	11	10				
07 10 2	1017.1 WSW	10	29	29	28	10				
08 40 10	1004.3 SE	30	30	29	28	8				
09 40 15	1008.2 ESE	14	29	28	26	8				
10 5 3	1014.2 SSW	14	29	29	29	10				
11 10 1	999.0 SE	24	31	31	30	10				
12 8 8	1001.6 WSW	18	25	25	24	10				
13 10 10	1012.7 N	16	13	12	9	10				
14 10 15	1030.1 WNW	13	13	13	9	9				
15 15 10	1023.6 S	14	20	19	15	10				
16 15 10	998.5 SSE	36	28	27	25	9				
17 20 15	984.9 ESE	22	30	29	27	10				
18 20 10	988.7 ESE	4	27	26	24	10				
19 20 1	993.5 NNE	26	12	12	10	10				
20 20 8	992.0 NW	16	6	6	2	10				
21 6 1/25-BS	998.1 WNW	22	16	16	13	10				
22 20 15	1005.4 S	7	16	16	13	8				
23 20 15	995.5 SE	21	21	20	17	9				
24 15 4	998.4 S	11	21	20	16	10				
25 80 15	1004.5 E	15	16	15	12	9				
26 20 15	1017.0 SW	11	11	11	7	9				
27 UNL 10	1021.4 E	8	9	9	7	6				
28 15 10	1007.9 SE	22	21	21	18	9				
29 8 3	994.7 WSW	6	24	24	23	10				
30 8 10	998.3 W	6	20	20	18	10				
31 10 6	1000.8 NE	4	10	10	7	10				
AVG	1005.7	15	19	18	16	9				

Date	Calling (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT  
OCTOBER 1971 1400 MST

01 3 1/25	1002.5 SE	4	23	23	21	10				
02 UNL 15	1008.6 E	6	11	11	8	8				
03 UNL 15	1010.9 NE	10	12	12	9	7				
04 30 1/2BS	1007.6 N	25	17	17	14	9				
05 UNL 15	1023.1 NE	8	9	8	4	9				
06 30 1	1016.0 ENE	25	14	14	11	10				
07 35 15	1017.4 SSW	12	29	28	26	10				
08 30 15	1002.4 SE	28	31	29	27	9				
09 30 15	1012.1 ESE	14	29	28	26	9				
10 10 10	1013.6 S	15	30	30	29	10				
11 10 4	998.6 SSE	20	32	31	30	10				
12 8 10	1001.8 WSW	23	22	20	18	10				
13 10 10	1016.7 WNW	16	8	8	4	10				
14 10 19	1030.5 WNW	16	14	13	9	10				
15 15 10	1021.7 S	22	21	20						

## SYNOPTIC OBSERVATIONS

## SACHS HARBOUR

Date	Calling (1000z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT  
NOVEMBER 1971 0200 MST

01 UNL 15	S-	1003.5	M	6	6	6	6	3	7	
02 10 10	S-	1012.2	NM	18	1	2	1	6	10	
03 UNL 15		1021.4	NM	16	-1	-2	-1	-12	8	
04 UNL 15		1016.4	NNE	9	-14	-14	-19	0		
05 UNL 15		1026.2	N	4	-19	-19	-22	1		
06 UNL 15		1028.2	NNE	4	-22	-22	-28	2		
07 UNL 15		1023.1	ESE	6	-15	-15	-20	0		
08 UNL 15		1023.2	NE	5	-22	-22	-26	0		
09 UNL 15		1023.9	ENE	9	-21	-21	-25	0		
10 UNL 15		1028.9	ESE	4	-8	-7	-10	0		
11 UNL 15		1021.2	ESE	24	-9	-9	-12	1		
12 UNL 15		1015.9	ESE	12	-10	-10	-13	0		
13 UNL 15		1021.1	ESE	15	-10	-10	-14	0		
14 UNL 15		1018.8	ENE	15	-11	-11	-15	0		
15 UNL 15		1024.6	ENE	18	-13	-13	-17	0		
16 UNL 15		1029.6	E	14	-5	-5	-9	1		
17 UNL 6	IF	1032.0	CALM	7	-7	-7	-9	0		
18 UNL 15		1019.3	ESE	26	-10	-9	-13	0		
19 UNL 1/2BS		1009.1	SE	40	-2	-1	-5	2		
20 20 10	S-	1003.5	S	14	13	10	10			
21 UNL 1/2F		1010.9	NE	4	-8	-7	-8	4		
22 UNL 15		1017.5	ESE	8	-2	-1	-3	7		
23 8 1	BS	1017.3	SSW	20	10	11	8	10		
24 UNL 8	S-	1016.5	SSW	6	-2	-2	-5	4		
25 UNL 15		1027.4	NNE	8	-16	-16	-21	4		
26 UNL 10	IC	1039.0	SE	12	-14	-14	-18	0		
27 UNL 15		1031.5	ESE	23	-13	-13	-18	0		
28 UNL 1/2BS		1017.6	ESE	39	0	0	6	6		
29 UNL 4	S-	1014.0	ESE	15	-4	-4	-8	8		
30 15 4	S-	1016.9	SE	18	-2	-2	-5	10		
AVG		1020.0		14	-8	-8	-12	3		

SACHS HARBOUR NMT  
NOVEMBER 1971 0500 MST

01 UNL 15	S-	1003.8	NM	6	5	5	1	7		
02 15 15	S-	1013.5	NM	14	-2	-2	-6	10		
03 UNL 6	BS	1021.0	NM	17	-9	-9	-14	7		
04 UNL 15		1017.4	N	10	-18	-18	-23	1		
05 UNL 15		1027.1	NNE	2	-20	-20	-26	1		
06 UNL 15		1027.4	NNE	5	-25	-25	-31	1		
07 UNL 15		1022.6	E	10	-15	-15	-21	0		
08 UNL 15		1022.6	NNE	8	-24	-24	-26	0		
09 UNL 15		1024.0	ENE	13	-23	-23	-27	0		
10 UNL 15		1028.0	E	24	-9	-9	-12	0		
11 UNL 15		1020.4	E	24	-9	-9	-12	0		
12 UNL 15		1015.7	SE	12	-8	-8	-12	0		
13 UNL 15		1021.1	E	5	-13	-13	-17	0		
14 UNL 15		1018.9	SE	8	-10	-10	-14	0		
15 UNL 15		1025.7	ENE	12	-14	-14	-19	0		
16 UNL 15		1030.5	E	14	-12	-12	-17	0		
17 UNL 1/2IF		1013.2	SSW	28	0	0	8	8		
18 UNL 6	BS	998.6	SE	38	0	0	5	3		
19 UNL 1/2BS		1004.5	WSW	14	11	11	8	10		
20 10 8	S-	1011.3	ENE	10	-14	-14	-16	0		
21 UNL 6	F	1017.8	ESE	10	2	2	-1	10		
22 18 15	S-	1017.3	WSW	16	7	7	4	10		
23 10 10		1016.5	SSW	4	-2	-2	-7	8		
24 UNL 10	S-	1029.7	NNE	8	-16	-16	-19	0		
25 UNL 15		1039.0	ESE	18	-12	-12	-15	0		
26 UNL 10	IC	1030.1	ESE	18	-14	-14	-19	0		
27 UNL 15		1015.2	SE	34	-3	-3	-7	10		
28 0 0	S-BS	1013.9	ESE	16	-6	-6	-10	4		
29 UNL 15		1017.9	SE	19	-3	-3	-6	9		
30 15 6	S-	1017.9	SE	19	-3	-3	-6	9		
AVG		1020.0		13	-9	-9	-13	3		

Date	Calling (1000z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT  
NOVEMBER 1971 0800 MST

01 UNL 15	S-	1004.4	N	8	-1	-1	-5	3		
02 15 10	S-	1015.1	NM	16	-1	-1	-5	10		
03 UNL 10		1020.6	NM	15	-11	-11	-15	7		
04 UNL 15		1019.1	NNE	6	-10	-10	-15	5		
05 UNL 15		1027.9	NNE	4	-20	-20	-27	4		
06 UNL 15		1026.4	NNE	5	-26	-26	-32	0		
07 UNL 15		1022.2	ENE	12	-19	-19	-26	0		
08 UNL 15		1021.8	NE	9	-22	-22	-27	0		
09 UNL 15		1025.1	ENE	14	-20	-20	-24	0		
10 20 15	S-	1028.2	E	10	-5	-5	-8	7		
11 UNL 15		1019.1	ESE	14	-10	-10	-14	0		
12 UNL 15		1015.8	E	14	-12	-12	-17	0		
13 UNL 15		1020.9	ESE	16	-18	-18	-23	0		
14 UNL 15		1018.8	ESE	14	-8	-8	-11	0		
15 UNL 15		1026.2	E	10	-14	-14	-19	0		
16 UNL 15		1030.8	ESE	10	-10	-10	-15	0		
17 UNL 8		1031.8	ESE	11	-8	-8	-12	0		
18 UNL 3	BS	1012.3	SE	3	-5	-5	-9	3		
19 UNL 3/8BS		997.7	SE	44	-3	-3	-6	5		
20 18 8	S-	1005.7	WSW	14	9	9	7	10		
21 UNL 10	S-	1011.2	ESE	12	-14	-14	-17	0		
22 15 6	S-	1018.3	ESE	14	3	3	0	10		
23 10 10	S-	1017.1	WSW	12	5	5	2	10		
24 UNL 10	S-	1016.9	SE	4	-5	-5	-9	7		
25 UNL 15		1032.0	NNE	8	-14	-14	-18	0		
26 UNL 15	IC	1038.6	E	4	-11	-11	-16	0		
27 UNL 15		1027.9	SE	20	-13	-13	-18	0		
28 3 0	S-BS	1013.9	ESE	39	0	0	6	10		
29 UNL 15		1013.7	ESE	13	-9	-9	-13	2		
30 15 10		1018.7	SE	14	-6	-6	-10	9		
AVG		1019.9		14	-9	-9	-14	3		

SACHS HARBOUR NMT  
NOVEMBER 1971 1100 MST

01 20 15		1005.4	NM	6	-1	-1	-5	10		
02 10 6	S-	1017.5	N	16	-3	-3	-7	10		
03 UNL 15		1019.9	NM	16	-11	-11	-15	5		
04 UNL 15		1020.0	NM	5	-11	-11	-15	7		
05 UNL 15		1028.4	NNE	6	-20	-20	-25	4		
06 UNL 15		1024.0	NNE	6	-26	-26	-32	0		
07 UNL 15		1021.9	ENE	6	-16	-16	-22	1		
08 35 15		1021.1	N	11	-17	-17	-23	9		
09 UNL 15		1025.7	ENE	15	-20	-20	-25	3		
10 UNL 15		1028.1	ESE	16	-7	-7	-11	3		
11 UNL 15		1017.7	ESE	22	-13	-13	-18	1		
12 UNL 15		1016.6	ESE	14	-8	-8	-13	0		
13 UNL 15		1020.3	ESE	12	-16	-16	-21	1		
14 UNL 15		1019.7	E	12	-12	-12	-16	3		
15 UNL 15		1026.8	ENE	12	-12	-12	-16	3		
16 UNL 15		1031.2	ESE	10	-4	-4	-9	6		
17 UNL 10	S-	1031.5	SE	12	-7	-7	-10	7		
18 UNL 10	S-	1008.8	SE	38	-3	-3	-7	4		
19 20 1/4BS		997.1	SE	38	1	0	-3	10		
20 10 11/2S-		1007.2	NM	20	8	8	5	10		
21 UNL 10		1011.6	ENE	14	-12	-12	-14	5		
22 8 3/8BS		1018.5	ESE	22	5	5	2	10		
23 10 10	S-	1017.1	WSW	17	4	4	1	10		
24 40 10	S-	1017.5	ESE	9	-8	-8	-12	9		
25 UNL 15		1034.1	NE	7	-15	-15	-19	2		
26 UNL 15	IC	1038.1	ESE	7	-15	-15	-19	1		
27 UNL 4	BS	1026.1	SE	20	-9	-9	-13	6		
28 2 1/8S-BS		1013.9	SE	32	-2	-2	-6	10		
29 UNL 15		1014.1	ESE	16	-8	-8	-13	2		
30 UNL 15		1020.1	ESE	5	-12	-12	-17	1		
AVG		1020.0		15	-9	-9	-13	5		

Date	Calling (1000z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT  
NOVEMBER 1971 1400 MST

01 15 15	S-	1006.6	NM	4	-4	-4	0	9		
02 50 6	S-	1019.7	NM	10	-4	-4	-8	10		
03 UNL 10	IC	1019.5	NM	12	-8	-8	-13	10		
04 UNL 10	S-	1021.5	NM	8	-15	-15	-20	5		
05 UNL 15		1029.2	NNE	5	-24	-24	-30	2		
06 UNL 15		1024.6	NE	8	-28	-28	-34	0		
07 UNL 15		1021.4	ENE	14	-15	-15	-20	3		
08 UNL 6	F	1020.6	ENE	14	-17	-17	-20	4		
09 UNL 15		1027.1	ENE	8	-20	-20	-24	1		
10 UNL 15		1027.5	ESE	12	-15	-15	-19	1		
11 UNL 15		1016.6	ESE	22	-10	-10	-14	1		
12 UNL 15		1017.5	ESE	24	-9	-9	-13	1		
13 UNL 15		1020.0	ENE	12	-18	-18	-22	1		
14 UNL 15		1020.4	E	14	-12	-12	-14	2		
15 UNL 15		1027.1	ENE	16	-12	-12	-16	1		
16 12 10	S-	1031.9	ESE	8	0	0	-4	10		
17 UNL 15		1031.0	SE	14	-11	-11	-14	3		
18 UNL 1	BS	1007.0	ESE	36	-4	-4	-8	3		
19 15 0	SBS	997.6	SE	29	5	5</				



## SYNOPTIC OBSERVATIONS

## SACHS HARBOUR

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT  
DECEMBER 1971 0200 MST

01 UNL 15+	1022.1	ESE	6	-11	-11	-16	0			
02 UNL 15	1019.9	SE	10	-16	-16	-21	0			
03 UNL 15	1015.3	E	8	-19	-19	-24	0			
04 20	1017.3	NE	42	-20	-20	-26	0			
05 UNL 15	1024.8	NNE	9	-21	-21	-26	0			
06 UNL 15	1022.1	W	5	-13	-13	-18	5			
07 UNL 15	1024.8	M	1	-24	-24	-29	0			
08 UNL 15	1015.3	SE	3	-20	-20	-25	5			
09 UNL 10	1015.4	M	12	-30	-30	-36	0			
10 UNL 15	1034.5	NNE	9	-31	-31	-37	0			
11 UNL 15	1031.8	CALM		-22	-22	-28	4			
12 UNL 15	1036.7	CALM		-19	-19	-25	0			
13 UNL 15	1029.1	SE	5	-21	-21	-26	0			
14 UNL 15	1021.8	ESE	8	-18	-18	-23	0			
15 UNL 15	1020.7	SSE	16	-13	-13	-18	0			
16 UNL 1	1022.3	SSE	20	-7	-7	-12	1			
17 30 10	1007.3	NW	8	-8	-8	-12	7			
18 UNL 10	1008.3	WSW	10	-18	-18	-23	0			
19 UNL 15	999.6	NW	6	-27	-27	-32	0			
20 UNL 6	1013.3	NW	12	-29	-29	-35	0			
21 UNL 6	1026.1	NW	8	-27	-27	-33	0			
22 UNL 15	1039.0	W	6	-28	-28	-34	0			
23 UNL 15	1028.3	ESE	4	-20	-20	-26	0			
24 UNL 15	1028.6	CALM		-20	-20	-25	0			
25 UNL 10	1016.1	SSE	12	-11	-11	-16	9			
26 UNL 15	1008.0	NNE	4	-17	-17	-22	1			
27 UNL 15	1009.9	NNE	5	-19	-19	-24	0			
28 UNL 15	1009.6	CALM		-19	-19	-24	10			
29 UNL 15	1000.8	ESE	7	-12	-12	-17	0			
30 80 3	990.9	SE	15	-7	-7	-11	10			
31 UNL 15	991.8	E	10	-21	-21	-27	0			
AVG	1016.9		8	-19	-19	-24	2			

SACHS HARBOUR NMT  
DECEMBER 1971 0500 MST

01 UNL 15+	1021.9	ENE	13	-14	-14	-18	0			
02 UNL 15	1018.7	SE	5	-15	-15	-20	1			
03 UNL 15	1015.0	NE	6	-24	-24	-29	0			
04 100	1019.0	NE	35	-20	-20	-25	8			
05 UNL 15	1024.5	NNE	9	-21	-21	-27	0			
06 UNL 15	1022.1	W	7	-12	-12	-17	10			
07 UNL 15	1025.1	CALM		-19	-19	-24	0			
08 50 10	1013.6	SE	1	-19	-19	-24	9			
09 UNL 10	1017.8	NNE	13	-30	-30	-36	7			
10 UNL 15	1004.9	N	6	-30	-30	-36	0			
11 UNL 15	1031.6	CALM		-22	-22	-27	6			
12 UNL 15	1035.2	NE	4	-24	-24	-30	0			
13 UNL 15	1026.3	ESE	8	-23	-23	-29	0			
14 UNL 15	1022.8	ESE	6	-17	-17	-22	0			
15 UNL 15	1019.0	SSE	16	-11	-11	-16	0			
16 UNL 3	1001.3	SE	18	-10	-10	-14	0			
17 UNL 15	1009.4	W	8	-18	-18	-23	3			
18 UNL 10	1001.5	SSW	6	-19	-19	-25	0			
19 UNL 15	1001.3	NW	10	-27	-27	-33	0			
20 UNL 6	1015.5	NW	10	-31	-31	-37	0			
21 UNL 10	1027.9	NW	6	-30	-30	-36	0			
22 UNL 15	1038.9	NW	2	-25	-25	-31	0			
23 UNL 15	1027.6	ESE	4	-24	-24	-30	0			
24 UNL 15	1028.9	CALM		-18	-18	-23	0			
25 UNL 15	1012.5	SSE	14	-14	-14	-18	6			
26 UNL 15	1009.3	N	4	-20	-20	-25	2			
27 UNL 15	1008.9	ENE	6	-25	-25	-30	0			
28 20 15	1009.3	SE	4	-16	-16	-21	10			
29 UNL 15	999.4	ESE	5	-17	-17	-23	1			
30 80 6	989.7	ENE	10	-12	-12	-17	9			
31 UNL 15	994.0	NE	4	-21	-21	-27	0			
AVG	1016.9		8	-20	-20	-26	2			

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT  
DECEMBER 1971 0800 MST

01 UNL 15+	1021.7	ENE	12	-14	-14	-19	0			
02 UNL 15	1018.5	SE	5	-15	-15	-20	5			
03 UNL 4	1014.2	NE	18	-25	-25	-31	1			
04 UNL 15	1022.1	E	16	-21	-21	-26	2			
05 UNL 15	1024.2	NE	4	-16	-16	-21	0			
06 UNL 15	1021.6	W	9	-13	-13	-18	7			
07 UNL 15	1024.1	CALM		-20	-20	-25	0			
08 20 10	1012.3	CALM		-17	-17	-22	10			
09 UNL 10	1020.6	NNE	9	-37			2			
10 UNL 15	1035.2	NNE	4	-27	-27	-33	0			
11 UNL 15	1031.7	NNE	2	-27	-27	-33	0			
12 UNL 15	1035.3	ESE	4	-22	-22	-28	0			
13 UNL 15	1023.9	ESE	10	-23	-23	-29	0			
14 UNL 15	1022.8	CALM		-15	-15	-20	0			
15 UNL 15	1016.4	SE	15	-16	-16	-21	0			
16 UNL 3	1001.0	SSE	18	-9	-9	-13	0			
17 UNL 15	1010.3	W	8	-21	-21	-27	0			
18 UNL 15	998.9	SE	8	-22	-22	-27	0			
19 UNL 15	1002.5	NW	10	-26	-26	-32	0			
20 UNL 6	1017.0	NW	14	-31	-31	-37	0			
21 UNL 10	1029.6	NW	8	-28	-28	-34	0			
22 UNL 10	1037.4	S	4	-25	-25	-31	0			
23 UNL 15	1026.8	E	8	-25	-25	-30	0			
24 UNL 15	1028.7	CALM		-21	-21	-26	0			
25 UNL 15	1009.5	SE	7	-17	-17	-22	5			
26 UNL 15	1009.8	NNE	4	-19	-19	-24	2			
27 UNL 15	1009.9	NNE	5	-19	-19	-24	0			
28 UNL 15	1008.5	E	4	-17	-17	-22	5			
29 UNL 15	997.9	ESE	8	-15	-15	-20	4			
30 40 3	988.0	E	10	-10	-10	-15	10			
31 UNL 15	995.7	NE	6	-25	-25	-31	1			
AVG	1016.6		7	-21	-21	-26	2			

SACHS HARBOUR NMT  
DECEMBER 1971 1100 MST

01 UNL 15	1021.7	E	4	-16	-16	-21	1			
02 UNL 15	1017.8	CALM		-15	-15	-20	2			
03 UNL 2	1015.2	NNE	16	-29	-29	-35	1			
04 UNL 15	1023.0	NE	20	-22	-22	-28	2			
05 UNL 15	1024.3	NE	4	-16	-16	-21	2			
06 100 10	1021.4	W	9	-13	-13	-17	9			
07 UNL 15	1023.3	SE	6	-23	-23	-29	0			
08 20 15	1011.1	CALM		-18	-18	-23	9			
09 UNL 15	1023.5	N	8	-37			2			
10 UNL 15	1035.2	CALM		-28	-28	-33	0			
11 UNL 15	1033.4	NE	6	-28	-28	-32	2			
12 UNL 15	1035.4	SE	8	-22	-22	-27	0			
13 UNL 15	1021.8	ESE	14	-22	-22	-28	0			
14 UNL 15	1023.5	CALM		-14	-14	-19	0			
15 UNL 15	1014.3	SE	16	-11	-11	-15	0			
16 UNL 15	1001.5	S	16	-10	-10	-14	5			
17 UNL 10	1010.7	W	12	-21	-21	-26	4			
18 UNL 15	997.0	SE	5	-20	-20	-25	2			
19 UNL 4	1004.2	NW	10	-26	-26	-32	4			
20 UNL 6	1019.2	NW	15	-30	-30	-36	2			
21 UNL 10	1031.7	NW	8	-29	-29	-35	1			
22 UNL 15	1035.5	SSE	4	-21	-21	-27	5			
23 UNL 15	1026.9	E	3	-21	-21	-26	0			
24 UNL 15	1027.8	SE	5	-20	-20	-26	3			
25 UNL 15	1007.4	SE	4	-16	-16	-21	1			
26 UNL 15	1010.8	W	5	-23	-23	-28	2			
27 UNL 15	1008.9	NNE	5	-26	-26	-32	2			
28 UNL 15	1006.8	ESE	4	-16	-16	-21	1			
29 UNL 15	996.0	SE	8	-16	-16	-21	6			
30 UNL 15	987.1	ENE	8	-17	-17	-22	2			
31 UNL 15	997.8	NNE	6	-29	-29	-34	4			
AVG	1016.5		7	-21	-21	-26	2			

Date	Calling (1000 ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
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SACHS HARBOUR NMT  
DECEMBER 1971 1400 MST

01 UNL 15	1021.3	E	8	-16	-16	-21	1			
02 UNL 15	1017.4	CALM		-16	-16	-21	0			
03 UNL 15	1014.0	NE	25	-29	-29	-35	2			
04 UNL 15	1024.8	NNE	10	-24	-24	-29	0			
05 UNL 15	1024.1	NNE	4	-13	-13	-18	1			
06 UNL 15	1021.7	NW	10	-13	-13	-18	2			
07 UNL 15	1021.9	SSE	4	-23	-23	-28	2			
08 100 15	1011.1	CALM		-17	-17	-22	8			
09 UNL 15	1026.4	N	8	-37			1			
10 UNL 15	1034.5	CALM		-25	-25	-31	5			
11 UNL 15	1032.7	NE	6	-25	-25	-31	1			
12 UNL 15	1035.4	ESE	6	-22	-22	-27	1			
13 UNL 15	1020.9	ESE	12	-22	-22	-27	0			
14 UNL 15	1023.8	SE	6	-14	-14	-19	1			
15 UNL 15	1011.5	SE	18	-9	-9	-14	0			
16 UNL 15	100									