

Environment Canada Imaging Cover Page

Report N.:



\* A S 0 7 1 2 7 0 \*

SKP Box Number: 672572469

METEOROLOGICAL BRANCH - DEPARTMENT OF TRANSPORT - CANADA

# ARCTIC SUMMARY

JULY TO DECEMBER 1970

METEOROLOGICAL BRANCH - DEPARTMENT OF TRANSPORT



# ARCTIC SUMMARY

A SEMI-ANNUAL SUMMARY OF  
METEOROLOGICAL DATA  
FROM  
THE JOINT ARCTIC AND OTHER WEATHER STATIONS  
ON THE ARCTIC ISLANDS

JULY TO DECEMBER 1970

TORONTO, ONTARIO

## STATION LOCATIONS

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

**Alert:**  $82^{\circ} 30' N 62^{\circ} 20' W$  - 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:**  $70^{\circ} 27' N 68^{\circ} 33' W$  - 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:**  $80^{\circ} 00' N 85^{\circ} 56' W$  - 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 Slide 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:**  $78^{\circ} 47' N 103^{\circ} 32' W$  - 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:**  $76^{\circ} 14' N 119^{\circ} 20' W$  - 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 some 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	25	25
Isachsen	40	33
Mould Bay	33	33
Resolute		30
Sachs Harbour	37	

**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 Meteorological Service of Canada and appropriate correction cards issued. The observers are instructed to take all mercury-filled thermometers indoors when the temperature falls to  $-35^{\circ}F$ . 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 louvered box, painted white, with the base  $3\frac{1}{2}$  feet above ground. Ventilation of the wet and dry bulb thermometers is accomplished by a motor-driven psychrometer mounted on the roof. Air is drawn from the interior of the screen over the wet and dry bulbs placed in a duct close to the intake at a speed of 20 feet per second and ejected from the middle of the top of the screen.

**Pressure** - All stations are equipped with Kew-Patterson barometers. Correction cards supplied with each barometer in-

corporate 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 used.

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

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

Solar Radiation - Radiation measurements are 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 pyrrometers 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 Meteorological Branch.

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 Meteorological Branch 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 Record.

Snow cover data from snow courses at each station are summarized in annual Meteorological Branch 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  $5/8$ th 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	Hail
EW	Ice Pellet Showers	T	Thunderstorm

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

Obstructions to vision are listed when the visibility is 6 miles or less unless precipitation of sufficient intensity 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





# CONTENTS

Page

PREFACE . . . . .	iii
MAP SHOWING LOCATION OF STATIONS . . . . .	vii
CONTENTS . . . . .	1
DAILY CLIMATOLOGICAL DATA . . . . .	2
SYNOPTIC OBSERVATIONS . . . . .	6
Alert p.6; Clyde p.12; Eureka p.18; Isachsen p.24; Mould Bay p.30; Resolute p.36; Sachs Harbour p.42.	

## DAILY CLIMATOLOGICAL DATA

## ALERT

## CLYDE

ALERT										CLYDE																																																	
Temperature (°F)		Precipitation (Inches)		Days with		Temperature (°F)		Precipitation (Inches)		Days with		Temperature (°F)		Precipitation (Inches)		Days with		Temperature (°F)		Precipitation (Inches)		Days with																																					
Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Fog	Blowing Snow	Winds	Winds	Winds	Winds	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Fog	Blowing Snow	Winds	Winds	Winds	Winds																																				
32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32																																				
ALERT JULY 1970										ALERT SEPTEMBER 1970										ALERT NOVEMBER 1970										CLYDE JULY 1970										CLYDE SEPTEMBER 1970										CLYDE NOVEMBER 1970									
01	39	32	36	.08	.9	2	1	01	36	21	29	.07	.7	1	01	0	-17	-9	.04	.5	7	01	39	33	36			1	01	50	33	42				01	30	19	25	.04	.6	11																	
02	38	32	35	.04	.5	2		02	29	16	23	.25	3.2	1	02	15	-7	4			7	02	43	35	39			T	02	47	31	39			T	02	21	15	18			11																	
03	38	34	36			1		03	29	23	26	.24	2.6	4	03	7	-5	1			7	03	44	35	40			T	03	40	32	36			T	03	24	14	19	.03	.3	11																	
04	48	34	41			1		04	32	18	25			6	04	-4	-22	-13			7	04	41	34	38			T	04	37	32	35			T	04	16	12	14			11																	
05	47	37	42					05	32	17	25			5	05	-17	-24	-21			7	05	42	32	37			T	05	39	31	35			T	05	15	11	13	.02	.2	11																	
06	50	38	44					06	32	16	24			3	06	-7	-25	-16			7	06	36	31	34			T	06	38	30	34			T	06	21	12	17	.14	1.8	10																	
07	52	33	43					07	32	18	25			2	07	-11	-23	-17			7	07	39	31	35			T	07	38	30	34	.12	1.2	07	22	8	15			T																		
08	38	33	36					08	29	19	24			2	08	-8	-19	-14			7	08	47	34	41			T	08	36	32	34	.30	.2	08	15	8	12	.08	1.2																			
09	36	30	33					09	26	18	22			2	09	-9	-25	-17			7	09	41	34	38			T	09	36	32	34	.33	.3	09	12	3	8	.03	.4																			
10	41	33	37	.09	.9			10	22	19	21			2	10	-6	-18	-12			7	10	41	34	38			T	10	40	27	34			T	10	9	4	7	.02	.2																		
11	42	32	37	.06	.7			11	25	18	22			2	11	-6	-12	-9			7	11	50	34	42			T	11	35	26	31			T	11	9	4	7	.06	.6																		
12	44	35	40	.16				12	29	25	27			2	12	-5	-21	-13	.04	.6	12	44	32	38			T	12	36	31	34	.22	2.2	12	8	3	6	.04	.5																				
13	56	37	47					13	27	18	23	.01	.1	2	13	-18	-27	-23			7	13	42	32	37			T	13	35	31	33	.10	1.1	13	11	-2	5			11																		
14	46	34	40					14	23	13	18			2	14	-17	-26	-22			7	14	40	35	38	.10		14	7	-1	3	.01	.3																										
15	34	31	33					15	30	10	20			2	15	-17	-28	-23			7	15	40	34	37			T	15	35	31	33	.13	1.3	15	6	1	4	.02	.2																			
16	32	29	31					16	27	7	17			2	16	-23	-30	-27			7	16	40	34	37			T	16	39	28	34			T	16	2	-8	-3			11																	
17	32	27	30					17	12	0	6			7	17	-15	-28	-22			7	17	39	33	36			T	17	33	29	31	.10	1.0	17	-1	-6	-4			11																		
18	34	27	31					18	6	-1	3	.05	2.2	2	18	3	-25	-11			7	18	41	34	38			T	18	33	30	32	.25	2.7	18	2	-13	-6			11																		
19	33	29	31					19	18	3	11	.02	1.0	5	19	-6	-16	-5			7	19	37	33	35	.73	2.1	19	34	29	32	.08	.8	19	20	-1	10			11																			
20	41	30	36					20	7	2	5	.05	1.3	5	20	15	-6	-5			7	20	44	34	39			T	20	33	32	32	.24	2.4	20	18	-10	10			11																		
21	40	33	37					21	14	2	8			6	21	17	-15	-1			7	21	43	36	40			1	21	32	30	31	.03	.4	21	2	-11	-5			10																		
22	44	34	39					22	14	2	8	.01	.3	6	22	-2	-11	-7			7	22	40	36	38			1	22	34	29	32	.11	1.1	22	1	-8	-4			T																		
23	44	37	41					23	15	1	8			6	23	-6	-23	-15			7	23	51	37	44			1	23	32	29	31	.06	.7	23	1	-1	0	.03	.4																			
24	40	36	38					24	15	3	9			5	24	-18	-25	-22			7	24	41	37	39	.23		24	3	2	6	.02	.3	24	3	1	1	.08	1.0																				
25	41	35	38					25	14	-1	7			5	25	-11	-22	-17	.09	1.5	25	41	36	39			1	25	32	26	29			3	25	21	2	12	.01	.1																			
26	40	34	37					26	8	-4	2			5	26	-15	-25	-20	.04	.5	26	40	36	38			1	26	32	22	27			3	26	11	-2	5			11																		
27	45	35	40					27	16	-1	8			5	27	-11	-29	-20			7	27	45	34	40			1	27	29	21	25			3	27	20	5	13	.11	2.1																		
28	43	36	40					28	16	10	13			5	28	-17	-23	-20			7	28	45	36	41			1	28	31	22	27			3	28	15	-1	7			T																	
29	40	31	36					29	15	7	11	.06	.7	5	29	-19	-27	-23			7	29	45	34	40			1	29	31	25	28			3	29	11	-7	2			11																	
30	39	32	36					30	15	5	10	.03	.4	5	30	-21	-30	-26			7	30	47	36	42			1	30	29	21	25	.03	.4	30	-2	-11	-7			T																		
31	39	34	37					SUM							SUM							SUM							SUM							SUM																							
AVG	41	33	37	.43	3.0	9	AVG	22	10	16	.79	2.5	6	AVG	-7	-21	-14	.21	3.1	4	AVG	43	34	38	1.25	2.1	3	AVG	36	29	32	2.12	6.5	3	AVG	12	2	7	.72	9.9	1																		
EXT	56	27		.16	.9	EXT	36	-4		.25	3.2	6	EXT	17	-30		.09	1.5	4	EXT	51	31		.73	2.1	3	EXT	50	21		.33	2.8	3	EXT	30	-13		.14	2.1	1																			
ALERT AUGUST 1970										ALERT OCTOBER 1970										ALERT DECEMBER 1970										CLYDE AUGUST 1970										CLYDE OCTOBER 1970										CLYDE DECEMBER 1970									
01	38	31	35					01	11	-1	5	.01	.1	5	01	-21	-31	-26			6	01	47	38	43				01	32	23	28	.01	.2	3	01	-4	-6	-5	.01	.2	11																	
02	36	32	34	.01	.1	1	02	17	-3	7			5	02	-24	-31	-28			6	02	41	36	39			3	02	-4	-18	-11			T																									
03	35	32	34	.11	.7	1	03	19	9	14			5	03	-22	-37	-30			6	03	40	34	37			3	03	-16	-28	-22			11																									
04	36	33	35	.30	2.1		04	29	13	21			5	04	-21	-27	-24	.05	.4	6	04	42	34	38			3	04	-22	-29	-26			11																									
05	37	32	35				05	29	10	20			4	05	-7	-24	-16	.07	1.0	6	05	40	36	38			3	05	-23	-27	-25			10																									
06	33	31	32	.15	1.5	1	06	13	4	9	.01	.2	4	06	-12	-20	-16	.03	.3	6	06	40	36	38	.03		06	-18	-28	-23			10																										
07	32	31	32	.40	3.7	1	07	9	4	7	.09	1.4	4	07	-15	-32	-24			7	07	39	37	38	.52		07	-17	-24	-21			10																										
08	33	30	32	.42	4.7	2	08	5	-13	-4	.02	.3	6	08	-10	-26	-18	.04	.5	7	08	41	36	39	.08		08	-19	-28	-24			10																										
09	36	31	34				09	-10	-21	-16			6	09	-10	-21	-16	.10	1.4	7	09	41	36	39			1	09	-18	-27	-23			10																									
10	35	31	33	.04	.4	1	10	10	-17	-4			6	10	-7	-16	-12	.08	1.2	9	10	45	36	41			9	10	-18	-24	-21			T																									
11	33	25	29	.04	.4	1	11	-4	-16	-10			6	11	-8	-24	-16			7	11	49	36	43			3	11	-22	-26	-24			T																									
12	31	23	27			</																																																					

## DAILY CLIMATOLOGICAL DATA

## EUREKA

Date	Temperature (°F)			Precipitation (Inches)		Days with	
	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Wind Blowing Snow ≥ 32 mph ≥ 37 mph

Date	Temperature (°F)			Precipitation (Inches)		Days with	
	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Wind Blowing Snow ≥ 32 mph ≥ 37 mph

Date	Temperature (°F)			Precipitation (Inches)		Days with	
	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Wind Blowing Snow ≥ 32 mph ≥ 37 mph

Date	Temperature (°F)			Precipitation (Inches)		Days with	
	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Wind Blowing Snow ≥ 32 mph ≥ 37 mph

Date	Temperature (°F)			Precipitation (Inches)		Days with	
	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Wind Blowing Snow ≥ 32 mph ≥ 37 mph

Date	Temperature (°F)			Precipitation (Inches)		Days with	
	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Wind Blowing Snow ≥ 32 mph ≥ 37 mph

## ISACHSEN

EUREKA JULY 1970								EUREKA SEPTEMBER 1970								
Date	Max	Min	Avg	Total	Snow	SOG	WS	Date	Max	Min	Avg	Total	Snow	SOG	WS	
01	43	34	39	.01			T	01	35	23	29					
02	42	35	39				T	02	33	22	28					
03	39	33	36				T	03	32	30	31		T	T		
04	39	34	37	.04			T	04	36	24	30					
05	41	35	38	.02			T	05	30	21	26					
06	41	36	39				T	06	33	26	30					
07	45	36	41				T	07	36	23	30					
08	45	36	41				T	08	33	21	27					
09	48	36	42					09	30	20	25					
10	48	37	43	.07			1	10	28	20	24					
11	50	34	42					11	27	16	22					
12	51	39	45					12	29	18	24					
13	55	39	47					13	28	16	22					
14	43	36	40					14	28	16	22					
15	45	35	40					15	25	12	19					
16	50	34	42					16	33	22	28					
17	38	33	36	.04			T	17	29	16	23					
18	44	36	40					18	20	11	16					
19	55	36	46					19	21	15	18					
20	55	49	52					20	19	15	17		T	T		
21	53	35	44					21	27	12	20		.10	1.3	T	
22	49	36	43					22	21	6	14		T	T	1	
23	51	37	44				T	23	11	2	5		T	T	1	
24	46	37	42				T	24	6	4	1				1	
25	41	36	39	.02			T	25	2	2	3				1	
26	40	34	37				T	26	9	1	2				1	
27	50	37	44					27	2	6	2				1	
28	51	39	45					28	4	8	2				1	
29	52	36	44					29	8	4	2		.05	.1	1	
30	44	38	41					30	8	15	4		T	T	3	
31	53	39	46													
SUM				.20			1	SUM				.15	1.4		3	
AVG	47	36	42					AVG	23	12	18					
EXT	55	33		.07			T	EXT	36	15		.10	1.3			

EUREKA NOVEMBER 1970								ISACHSEN JULY 1970								
Date	Max	Min	Avg	Total	Snow	SOG	WS	Date	Max	Min	Avg	Total	Snow	SOG	WS	
01	1	-14	-7				6	01	40	32	36				1	
02	13	-15	-1				6	02	42	34	38					
03	15	-6	5	.07	.9	6	1	03	41	32	37		.01	.1		
04	1	-10	-5				7	04	37	31	34				T	
05	0	-12	-6				7	05	37	30	34				T	
06	1	-23	-11				6	06	38	33	36		.01	.1		
07	-20	-29	-25				6	07	37	28	33					
08	-26	-33	-30				6	08	40	31	36				T	
09	-28	-33	-31				6	09	45	33	39		.06			
10	-22	-31	-27				6	10	38	31	35				1	
11	-26	-32	-29				6	11	48	32	40				T	
12	-26	-34	-30				6	12	53	39	46				T	
13	-23	-34	-29				6	13	47	33	40				T	
14	-26	-39	-33				6	14	48	34	41				T	
15	-31	-39	-35	.01	.1	6	6	15	49	35	42				T	
16	-35	-41	-38				6	16	40	31	36				T	
17	-38	-41	-40				6	17	39	30	35				T	
18	-29	-41	-35				6	18	37	30	34				T	
19	-4	-36	-20				6	19	48	30	39				T	
20	5	-7	-1				6	20	48	32	40				T	
21	5	-11	-3				6	21	52	31	42				1	
22	-10	-24	-17				6	22	50	34	42				1	
23	-22	-35	-29				6	23	43	31	37				T	
24	-11	-38	-26				6	24	43	31	37				T	
25	-11	-42	-17				6	25	34	29	32		.19	1.9	1	
26	-13	-25	-19				6	26	39	31	35		.10	T		
27	-24	-40	-32				6	27	39	31	35		.09	T		
28	-14	-27	-21				6	28	42	35	39				T	
29	-21	-30	-26				6	29	42	35	39		.01		1	
30	-29	-36	-33				6	30	44	32	38				1	
31							6	31	43	32	38				4	
SUM				.08	1.0		5	SUM				.47	2.1		4	
AVG	-15	-28	-22					AVG	43	32	37					
EXT	15	-41		.07	.9			EXT	53	28		.19	1.9			

ISACHSEN SEPTEMBER 1970								ISACHSEN NOVEMBER 1970									
Date	Max	Min	Avg	Total	Snow	SOG	WS	Date	Max	Min	Avg	Total	Snow	SOG	WS		
01	27	19	23	.02	.2		T	01	14	-23	-5				4	1	
02	30	20	25				T	02	22	-7	8	.13	1.3		5	1	
03	32	24	28	.02	.2		T	03	0	-11	-6	.01	.1		5	1	
04	30	21	26				T	04	-2	-16	-9				1	1	
05	28	21	25				T	05	-7	-15	-11				5	1	
06	31	22	27				T	06	-13	-28	-21				5	1	
07	34	28	31				T	07	-22	-32	-27				5		
08	33	26	30				T	08	-1	-24	-13				5	1	
09	27	17	22				T	09	2	-9	-4				5	1	
10	29	20	25				T	10	3	-16	-7				5	1	
11	32	25	29				T	11	-5	-20	-13				5		
12	30	22	26	.10	1.0		T	12	6	-19	-13				5		
13	29	23	26				T	13	-1	-27	-21				5		
14	27	15	21				T	14	-12	-25	-19				5		
15	23	12	18	.03	.3		T	15	-16	-24	-20				5		
16	27	19	23				T	16	-13	-24	-19				.01	.1	
17	24	13	19				T	17	-19	-37	-28				.01	.1	
18	21	13	17				T	18	-15	-38	-27				T	5	
19	16	8	12				T	19	2	-23	-11					1	
20	25	7	16	.02	.2		1	20	15	5	5				T	5	
21	26	-1	13	.05	.5	2		21	8	-13	-3	.08	.8		5	1	
22	15	-1	7				T	22	-11	-26	-19	.01	.1		6	1	
23	25	14	20	.02	.2		T	23	-23	-33	-28				T	6	
24	27	23	25				T	24	-26	-41	-34				T	6	
25	27	10	19				T	25	-22	-36	-29				T	6	
26	13	-1	6				T	26	-34	-43	-39				T	6	
27	21	-1	10	.02	.2		2	27	-35	-43	-39				T	6	
28	20	10	15	.07	.7	2		28	-26	-44	-35				T	6	
29	13	-1	6	.05	.5	3		29	-28	-37	-32	.01	.1		T	6	
30	10	-6	2	.01	.1	3		30	-30	-35	-34				T	6	
31																	
SUM				.41	4.1		10	SUM				.26	2.6		315	6	
AVG	25	14	20					AVG	-11	-26	-18						
EXT	34	-6		.10	1.0			EXT	22	-44		.13	1.3				

EUREKA AUGUST 1970								EUREKA OCTOBER 1970								
Date	Max	Min	Avg	Total	Snow	SOG	WS	Date	Max	Min	Avg	Total	Snow	SOG	WS	
01	55	38	47					01	5	-15	-5				3	
02	44	35	40					02	4	-17	-7				3	
03	42	35	39				T	03	19	-9	5				3	
04	40	36	38					04	26	14	20		T	T	3	

# DAILY CLIMATOLOGICAL DATA

## MOULD BAY

## RESOLUTE (A)

Date	Temperature (°F)			Precipitation (Inches)		Days with			Snow on ground (Inches)	Fog	Blowing Snow # 22 mph # 32 mph # 39 mph
	Maximum	Minimum	Average	Total	Snow	Day	Windy	Windy			

MOULD BAY JULY 1970												MOULD BAY SEPTEMBER 1970												MOULD BAY NOVEMBER 1970												RESOLUTE A JULY 1970												RESOLUTE A SEPTEMBER 1970												RESOLUTE A NOVEMBER 1970											
01	51	37	44	.06								01	28	22	25									01	28	5	17	.02	.2	12						01	39	32	36									01	31	23	27	.42	3.7	1						01	22	3	13								

MOULD BAY AUGUST 1970												MOULD BAY OCTOBER 1970												MOULD BAY DECEMBER 1970												RESOLUTE A AUGUST 1970												RESOLUTE A OCTOBER 1970												RESOLUTE A DECEMBER 1970											
01	44	36	40									01	4	-16	-6	.01	.1	7						01	-31	-41	-36									01	52	37	45									01	23	17	20	.01	.1	2						01	-32	-38	-35								

## DAILY CLIMATOLOGICAL DATA

## SACHS HARBOUR

Date	Temperature (°F)			Precipitation (Inches)		Days with		Date	Temperature (°F)			Precipitation (Inches)		Days with		Date	Temperature (°F)			Precipitation (Inches)		Days with									
	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Fog		Blowing Snow ≥ 32 mph ≥ 39 mph	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)		Fog	Blowing Snow ≥ 32 mph ≥ 39 mph	Maximum	Minimum	Average	Total	Snow	Snow on ground (Inches)	Fog	Blowing Snow ≥ 32 mph ≥ 39 mph					
SACHS HARBOUR NMT JULY 1970								SACHS HARBOUR NMT SEPTEMBER 1970								SACHS HARBOUR NMT NOVEMBER 1970															
01	58	46	52				T		01	36	27	32		T	T		01	35	20	28		T	T	6	1	1	1				
02	50	34	42	.25			T	1	02	37	25	31		T	T		02	21	4	13				6			1	1	1		
03	45	32	39				T	1	03	35	25	30					03	22	7	15	.02	.3		6							
04	46	34	40				T	1	04	38	30	34				1	04	22	2	10				6							
05	45	33	39				T	1	05	42	36	39				1	05	13	1	6				6							
06	40	32	36				T	1	06	42	32	37	-.11	.1		1	06	16	12	14		T	T	6							
07	68	37	53	.02					07	36	29	33		T	T	1	07	16	11	14	.02	.2		6	1						
08	57	35	46					1	08	30	25	28		T	T		08	15	7	11		T	T	6	1						
09	40	33	37						09	31	26	29	.09	1.0	T		09	11	3	4	.02	.2		6							
10	46	34	40						10	36	25	31	.16	T	1		10	6	3	2				6							
11	54	42	48						11	40	34	37	.06			1	11	16	6	11				6							
12	53	43	48	.08					12	36	31	34		T			12	18	2	10		T	T	6	1	1	1				
13	62	48	55						13	38	24	31	.05	T	1		13	8	2	5	.01	.1		6	1						
14	65	46	56						14	31	19	25		T	T	1	14	3	4	1		T	T	6							
15	64	45	55						15	28	20	24	.02	.2	1	1	15	1	-15	-7		T	T	6							
16	61	46	54						16	33	22	28		T	1		16	8	-23	-16		T	T	6							
17	59	46	53						17	36	30	33		T	T		17	3	-11	-7		T	T	6							
18	64	49	57						18	37	32	35	.07	T	1		18	3	-10	-7		T	T	6							
19	70	52	61	.05					19	37	28	33	.04	.1	T	1	19	1	-14	-7	.01	.1		6	1	1					
20	66	52	59						20	30	27	29		T	T		20	-13	-19	-16		T	T	6	1						
21	59	47	53						21	32	27	30		T	T		21	-15	-24	-20				6							
22	58	47	53						22	36	29	33	.05	.2	T	1	22	-14	-22	-18		T	T	6							
23	58	48	53						23	30	27	29		T	T		23	-12	-22	-17		T	T	6							
24	61	45	53				T		24	29	23	26		T	T		24	-15	-32	-24		T	T	6							
25	45	34	40				T		25	30	18	24	.16	1.6	T		25	-18	-29	-24		T	T	6							
26	40	33	37					1	26	25	15	20					26	-19	-24	-22		T	T	6							
27	39	33	36					1	27	26	19	23	.02	.2	1		27	-17	-30	-24		T	T	6							
28	49	28	39						28	23	16	20	.06	.7	1		28	-17	-22	-20				6	1						
29	49	35	42						29	23	15	19	.11	1.2	2		29	-17	-30	-24		T	T	6							
30	48	40	44					1	30	21	17	19	.06	.6	2	1	30	-23	-34	-29		T	T	6							
31	50	40	45																												
SUM	54	40	47	.40				9	1	SUM	33	25	29	1.06	5.9	6	2	3	SUM	1	-10	-5	.08	.9	6	7	4	2			
AVG	54	40	47	.40						AVG	33	25	29	1.06	5.9	6	2	3	AVG	1	-10	-5	.08	.9	6	7	4	2			
EXT	70	28		.25						EXT	42	15		.16	1.6				EXT	35	-34		.02	.3							
SACHS HARBOUR NMT AUGUST 1970								SACHS HARBOUR NMT OCTOBER 1970								SACHS HARBOUR NMT DECEMBER 1970															
01	52	39	46				T		01	20	14	17	.14	1.5	3	1	01	-20	-30	-25		T	T	6							
02	51	46	49	.33				1	02	15	7	11	.06	.7	4		02	-13	-30	-22		T	T	6							
03	48	40	44	.12					03	15	11	13	.07	.9	4		03	-10	-27	-19		T	T	6							
04	51	35	43					1	04	20	13	17	.02	.2	5		04	-17	-25	-21		T	T	6							
05	51	36	44						05	19	12	16	.21	2.4	6		05	-11	-23	-17		T	T	6							
06	52	45	49				T		06	18	11	15	.06	1.3	6		06	-18	-28	-23				6							
07	50	42	46	.14				1	07	23	7	15	.03	.6	6		07	-15	-25	-20				6							
08	52	42	47				T		08	7	-7	0		T	T	6	08	-7	-20	-14	.01	.1		6							
09	58	42	50					1	09	6	-4	1		T	T	6	09	-11	-20	-16	.02	.2		6							
10	62	49	56				T		10	21	5	13	.05	.7	6	1	10	-11	-20	-16		T	T	6							
11	60	40	50						11	26	21	24	.21	2.7	6	1	11	-6	-14	-10	.04	.5		6							
12	59	38	49						12	25	3	14	.11	1.5	7	1	12	-8	-15	-12		T	T	6							
13	53	42	48					1	13	9	-3	3	.03	.4	7		13	-10	-25	-18	.01	.1		6							
14	52	39	46					1	14	9	5	7	.01	.1	7		14	-22	-32	-27		T	T	6							
15	50	33	42						15	8	-9	-1		T	T	7	15	-28	-36	-32		T	T	6							
16	50	34	42						16	2	-6	-2		T	T	7	16	-24	-37	-31		T	T	6							
17	48	32	40						17	5	-6	-1		T	T	7	17	-32	-40	-36		T	T	6							
18	43	30	37						18	6	-3	2		T	T	7	18	-25	-32	-29		T	T	6							
19	50	37	44						19	7	2	5		T	7		19	-20	-29	-25		T	T	6							
20	48	41	45	.04					20	10	2	6					20	-15	-28	-22				6							
21	50	40	45				T		21	17	7	12		T	T	7	21	-17	-29	-23				6							
22	48	40	44	.02				1	22	20	10	15		T	T	7	22	-25	-29	-27				6							
23	41	36	39					1	23	18	6	12		T	T	7	23	-27	-32	-30				6							
24	44	30	37						24	22	6	14	.17	1.7	7	1	24	-15	-30	-23				6							
25	45	38	42	.03				1	25	17	-1	9	.03	.4	7	1	25	-4	-16	-10		T	T	6							
26	42	32	37	.04			T		26	17	2	10	.17	1.7	5		26	-5	-22	-14	.03	.3		6							
27	41	32	37	.02			T	T	27	18	0	9	.01	.1	6		27	-20	-31	-26		T	T	6							
28	43	35	39						28	22	0	11		T	T	6	28	-20	-30	-25		T	T	6							
29	44	32	38					1	29	25	0	13					29	-12	-23	-18				6							
30	37	30	34						30	25	10	18	.02	.3	6		30	-10	-14	-12				6							
31	37	28	33	.01	.1		T		31	34	15	25		T	T	6	31	-7	-11	-9	.01	.1		6							
SUM	49	37	43	.75	.1		13		SUM	16	4	10	1.40	1																	

## SYNOPTIC OBSERVATIONS

ALERT

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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	---------------------

ALERT NMT  
JULY 1970 0200 AST

01 15 4	S-F	1014.5 E	8 33 32	29 10
02 12 11/25	F	1013.6 ESE	6 33 32	32 10
03 80 15		1005.6 E	6 36 34	32 10
04 80 15		1000.8 E	2 34 33	32 10
05 UNL 35		998.8 SSW	25 41 37	32 1
06 UNL 15+		1005.1 E	4 38 36	32 1
07 UNL 35		1003.3 SSW	23 46 40	33 3
08 70 15		1008.5 ENE	1 37 35	33 10
09 6	R-	1011.4 N	4 33 33	33 10
10 UNL 5	1/4 S-F	1005.4 NNE	2 34 32	30 5
11 5 1	S-	1012.0 CALM	34 34	33 10
12 30 15		1017.2 W	8 35 35	34 10
13 40 15		1018.0 CALM	40 38	36 10
14 UNL 15+		1013.9 CALM	55 51	47 3
15 5 7		1018.0 NNW	10 34 34	33 10
16 6 7		1014.0 NNE	5 32 32	31 10
17 7 10		1015.4 NE	10 29 29	28 10
18 UNL 7		1018.4 NE	4 28 27	27 7
19 UNL 15		1022.5 NE	4 31 30	27 1
20 UNL 15		1026.7 NE	1 30 28	26 1
21 UNL 15+		1022.1 N	3 35 33	31 2
22 40 15		1018.7 NNW	3 36 34	32 10
23 UNL 15		1018.1 E	4 37 35	32 6
24 50 15		1017.1 ENE	1 38 35	32 8
25 3 1	F	1008.7 E	3 37 37	36 10
26 10 3/4	F	1004.0 E	2 37 37	37 10
27 UNL 30		1008.4 NE	4 35 34	33 2
28 UNL 30		1013.4 NE	4 39 37	33 2
29 UNL 15		1014.6 E	2 37 35	33 10
30 UNL 15		1018.4 ENE	3 34 32	29 1
31 50 15		1020.4 CALM	34 33	30 9
AVG		1013.1	5 36 34	32 7

ALERT NMT  
JULY 1970 0500 AST

01 20 2	S-F	1014.7 E	8 32 32	31 10
02 11 15	S-	1013.6 E	2 33 33	32 10
03 35 15		1004.5 E	8 35 34	32 10
04 50 15		1000.5 CALM	35 34	33 8
05 UNL 25		998.9 SSW	42 37 31 5	
06 UNL 15+		1004.9 NE	3 40 37 33 1	
07 UNL 35		1002.7 SSW	27 47 41 35 1	
08 80 15		1009.3 CALM	38 35 32 10	
09 7	1/4 F	1010.8 N	3 33 33 33 10	
10 UNL 15		1004.6 CALM	39 36 33 5	
11 10 7	S-	1013.8 NNW	13 34 33 33 10	
12 30 15	R-	1017.4 CALM	37 37 36 10	
13 40 15+		1018.1 NE	2 37 36 34 10	
14 UNL 15+		1015.3 CALM	39 38 36 3	
15 5 7		1017.9 E	5 33 32 32 10	
16 3 7	L-	1013.9 NNE	6 31 31 30 10	
17 10 10		1016.6 ENE	4 28 27 26 10	
18 UNL 3	F	1015.5 NW	4 29 28 5	
19 UNL 15		1024.2 NE	5 29 28 24 5	
20 UNL 15		1026.0 E	3 32 31 29 3	
21 UNL 15+		1021.6 SW	1 38 35 33 2	
22 40 15		1018.2 CALM	35 34 32 10	
23 UNL 15		1018.2 NE	4 39 37 33 4	
24 40 15		1016.5 NE	3 38 36 34 10	
25 8 10		1007.7 NE	3 39 38 19	
26 2 0	F	1004.1 ENE	1 34 34 34 10	
27 UNL 30		1009.4 NE	4 39 37 35 3	
28 UNL 30		1013.5 ENE	5 39 37 34 1	
29 UNL 15		1014.9 NE	5 36 34 32 10	
30 UNL 15		1019.2 ENE	2 33 32 31 5	
31 50 15		1020.7 CALM	35 33 30 9	
AVG		1013.2	5 36 34	32 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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	---------------------

ALERT NMT  
JULY 1970 0800 AST

01 20 10		1014.6 WSW	4 35 34	31 10
02 80 15		1013.2 E	3 34 33	32 10
03 50 15+		1003.7 NE	5 38 35	32 9
04 UNL 15+		1000.1 CALM	38 37 35 3	
05 UNL 15+		999.3 SSW	25 44 39 33 3	
06 UNL 15+		1004.4 SSE	4 44 41 36 1	
07 UNL 35		1002.1 SSW	22 48 43 37 1	
08 80 15		1010.3 N	4 35 34 33 10	
09 6	3/8 F	1010.0 E	3 33 33 33 10	
10 UNL 15		1007.7 NE	6 37 35 33 5	
11 15 10	S-	1014.9 NE	4 34 32 30 10	
12 20 10	R-	1018.1 ENE	8 35 35 34 10	
13 UNL 15		1017.5 NE	4 42 40 38 9	
14 100 15+		1016.3 ENE	9 38 36 34 8	
15 4	1/2 F	1017.7 NE	4 33 33 33 10	
16 10 10		1015.8 NNW	10 31 30 29 10	
17 8 10		1017.9 ENE	4 29 28 27 10	
18 UNL 1	F	1018.4 NNW	7 30 29 29 8	
19 UNL 3	F	1025.5 NE	8 30 30 28 4	
20 UNL 15		1025.8 E	3 32 31 28 0	
21 16 15		1021.6 NE	4 37 36 34 8	
22 80 15		1018.0 NE	3 36 35 32 9	
23 UNL 15+		1018.3 N	4 41 38 36 3	
24 200 15		1015.4 NE	3 37 35 33 10	
25 45 15		1006.9 NE	5 39 38 37 10	
26 UNL 15+		1004.5 ENE	5 39 36 33 10	
27 UNL 30		1010.6 ENE	8 39 37 35 6	
28 UNL 30		1013.7 E	5 41 38 35 2	
29 UNL 15		1015.5 NE	6 37 36 33 8	
30 UNL 15+		1020.0 NNE	4 35 34 31 2	
31 50 15		1020.1 N	2 37 35 32 9	
AVG		1013.3	6 37 35	33 7

ALERT NMT  
JULY 1970 1100 AST

01 80 10	R-	1013.8 N	3 38 36	34 10
02 80 15		1012.0 E	7 35 33	31 9
03 25 15		1002.7 NNE	4 34 34 33 8	
04 UNL 15+		999.7 SSW	18 46 41 35 1	
05 UNL 15+		1000.6 NNW	10 41 38 34 1	
06 UNL 15+		1003.7 SSW	16 49 43 36 1	
07 UNL 35		1002.0 W	15 51 45 40 1	
08 11 7	S-	1010.5 NE	5 35 34 34 10	
09 40 7		1008.8 NE	5 35 34 34 9	
10 35 15		1004.6 ENE	4 37 36 34 7	
11 50 15		1015.9 N	8 34 33 30 10	
12 20 15		1017.9 SSW	4 40 39 37 10	
13 UNL 15+		1016.6 ENE	9 43 40 36 5	
14 30 15+		1017.1 N	10 38 37 35 10	
15 4 3	S-F	1017.0 NE	5 34 33 33 10	
16 9 10		1014.2 N	17 30 29 28 10	
17 7 10		1018.3 NE	3 30 29 28 10	
18 UNL 2	F	1018.1 N	5 30 30 29 7	
19 UNL 1	1/8 F	1026.3 NE	11 31 31 31 7	
20 UNL 15		1025.0 ENE	4 36 34 32 1	
21 UNL 15		1021.5 N	6 34 33 31 3	
22 80 15		1017.5 NNW	4 39 37 34 8	
23 UNL 15+		1018.7 ENE	4 39 37 34 4	
24 70 15	R-	1014.1 NE	5 37 36 34 10	
25 6 7		1006.2 N	4 37 36 36 10	
26 UNL 15+		1004.1 CALM	36 35 34 5	
27 UNL 30		1010.8 NNW	4 43 41 37 3	
28 UNL 30		1013.5 ENE	5 41 38 35 5	
29 40 30		1015.7 NNE	4 40 38 35 7	
30 UNL 15+		1020.1 NNE	5 35 34 32 6	
31 65 15		1019.5 N	3 36 34 32 10	
AVG		1013.1	7 38 36	33 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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	---------------------

ALERT NMT  
JULY 1970 1400 AST

01 15 10	R-	1013.7 NNW	8 37 36	36 10
02 70 15		1011.1 E	10 35 33	31 9
03 25 15		1002.2 NNW	2 35 34 32 9	
04 UNL 15+		999.0 SSW	20 48 42 34 1	
05 UNL 15+		1002.2 ENE	10 37 35 32 2	
06 UNL 15+		1003.3 SSW	19 48 42 37 8	
07 UNL 35		1002.8 E	4 47 36 33 2	
08 10 7		1010.8 E	3 34 34 33 10	
09 11 7		1007.9 NE	6 35 35 34 9	
10 35 15		1004.8 NE	5 39 37 35 9	
11 80 15		1016.6 E	6 33 32 30 10	
12 35 15		1017.9 E	1 40 39 37 10	
13 UNL 15+		1015.4 E	7 48 44 40 6	
14 30 15+		1018.3 E	4 39 37 35 10	
15 35 15		1016.6 NNW	11 33 32 30 10	
16 7 10		1014.1 N	12 31 30 29 10	
17 30 10		1018.4 ENE	5 31 30 29 10	
18 UNL 7		1018.0 NNW	6 31 30 29 8	
19 2 1/8 F		1027.1 NE	9 30 30 30 10	
20 UNL 15		1024.7 E	3 36 33 30 1	
21 UNL 15		1020.9 NNW	3 39 35 31 9	
22 UNL 15		1017.0 E	2 41 38 34 2	
23 UNL 15+		1018.8 NE	4 41 38 35 7	
24 12 7	R-	1013.3 E	3 37 36 36 10	
25 5 1/2 F		1005.7 NNW	3 37 37 37 10	
26 200 15+		1004.5 NNE	5 38 37 35 9	
27 UNL 30		1011.4 N	4 39 37 35 2	
28 UNL 30		1013.6 E	2 40 38 35 5	
29 UNL 30		1016.0 NNE	7 38 36 34 3	
30 UNL 15+		1020.6 E	4 34 33 31 3	
31 20 15		1018.9 NNW	8 37 34 31 9	
AVG		1013.1	6 37 36	33 7

ALERT NMT  
JULY 1970 1700 AST

01 15 6	S-F	1014.2 NE	8 32 32	31 10
02 50 15		1009.8 ESE	18 37 34 30 9	
03 25 15		1002.1 NW	2 35 34 31 9	
04 UNL 15+		999.1 SSW	20 46 41 35 2	
05 UNL 15+		1003.7 E	5 37 35 33 2	
06 UNL 15+		1004.2 NNE	4 42 39 36 5	
07 UNL 35		1004.7 NE	4 38 36 34 3	
08 11 7		1011.3 NNE	3 34 34 33 10	
09 UNL 3	F	1007.1 ENE	7 33 33 33 4	
10 35 15		1006.9 NE	1 36 34 32 9	
11 80 10	S-	1017.0 ENE	4 34 34 33 10	
12 40 15		1018.2 N	6 42 39 36 10	
13 UNL 15+		1015.0 CALM	45 43 41 2	
14 30 15+	R-	1018.5 N	4 36 35 34 10	
15 4 2	S-F	1015.7 N	11 32 32 31 10	
16 10 7	L-	1014.1 NE	5 31 31 29 10	
17 35 15		1018.6 NE	6 31 30 28 9	
18 UNL 7		1018.5 NNE	7 33 32 30 4	
19 3 1/8 F		1027.8 NE	8 31 31 31 10	
20 UNL 15		1024.1 CALM	40 35 28 1	
21 UNL 15		1020.7 NNW	3 38 35 30 10	
22 UNL 15		1017.2 E	2 41 38 36 2	
23 UNL 15+		1018.6 E	2 41 37 33 7	
24 15 6	R-F	1011.9 CALM	37 37 36 10	
25 10 7		1005.4 NNE	4 36 36 35 10	
26 UNL 15+		1005.5 ENE	5 38 36 35 10	
27 UNL 30		1011.8 N	7 40 38 35 2	
28 UNL 30		1013.9 E	3 42 39 35 6	
29 UNL 30		1017.0 ENE	4 36 35 32 2	
30 UNL 15		1020.8 ENE	5 35 33 32 4	
31 40 15		1019.1 N	12 37 35 33 10	
AVG		1013.3	5 37 35	33 7

ALERT NMT  
JULY 1970 2000 AST

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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	---------------------

ALERT NMT  
JULY 1970 2300 AST

01 3	1/2 S	1014.1 E	3 33 33	33 10
02 80 15		1008.7 E	13 36 33	31 8
03 40 15		1001.8 NNW	3 34 33 37 9	
04 UNL 35		998.8 S	25 45 40 34 2	
05 UNL 15+		1004.6 ESE	3 39 36 32 2	
06 UNL 15+		1004.0 SSW	20 47 42 36 4	
07 UNL 15		1006.2 ENE	8 35 34 33 7	
08 9 7	S-	1011.6 N	5 34 34 33 10	
09 UNL 3	F	1006.6 NE	10 31 31 31 4	
10 12 7		1009.7 NNW	8 37 36 35 10	
11 40 15	R-	1016.9 E	7 36 35 35 10	
12 40 15		1018.2 CALM	38 36 32 10	
13 UNL 15+		1013.9 S	20 55 49 44 0	
14 25 15		1018.6 NNW	11 36 35 33 10	
15 5 7		1015.5 NNW	15 31 31 30 10	
16 7 10		1014.4 NNE	9 32 31 31 10	
17 35 7		1018.8 NE	6 30 30	

## SYNOPTIC OBSERVATIONS

## ALERT

Date	Cloud (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)
------	-----------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

ALERT AUGUST 1970 0200 AST		NMT 0200 AST	
01 UNL 15	1018.3 NNW	2	36 34 31 10
02 2 3/4L-F	1013.8 N	3	32 32 32 10
03 12 11/25-F	1007.1 NNW	3	32 32 31 10
04 16 3 S-	1009.9 CALM	3	33 33 32 10
05 25 4 S-	1014.8 ENE	3	34 33 33 10
06 120 11/2F	1013.4 N	5	33 33 33 10
07 2 3/8S-F	1012.7 NNW	10	32 32 32 10
08 5 5/8S-F	1014.8 NNW	17	32 32 32 10
09 40 15	1019.0 NNW	15	33 32 31 10
10 40 15	1023.6 NNW	2	33 32 30 10
11 15 10 S-	1024.1 N	6	31 30 30 10
12 UNL 15	1022.3 ENE	2	27 27 26 4
13 25 15	1018.8 NNW	6	28 28 27 10
14 UNL 1/8F	1011.4 NNW	4	25 25 24 9
15 7 1 ZL-F	1004.1 NNW	15	29 30 29 10
16 10 2 S-F	999.9 SSW	2	31 31 31 10
17 50 15	999.7 ENE	4	33 30 26 8
18 UNL 15	1005.8 CALM	3	30 26 2 2
19 UNL 1/4F	1008.1 CALM	24	24 24 7 1
20 UNL 7	1008.8 NNW	2	23 22 20 5
21 UNL 15	1013.4 SSW	5	26 25 22 6
22 50 15	1013.3 ESE	3	27 27 25 9
23 200 15	1013.8 CALM	5	32 28 9
24 40 7	1024.3 ESE	5	36 31 31 10
25 UNL 15	1018.0 WSW	15	35 32 27 9
26 0 1/4SF	1020.0 N	2	29 29 29 10
27 UNL 15+	1020.6 W	3	23 19 1
28 UNL 15+	1015.5 NNW	4	23 21 17 9
29 UNL 15+	1014.9 SSW	5	23 22 18 0
30 UNL 15	1008.5 SSW	30	27 21 3
31 15 2 S-	1008.7 ESE	8	31 30 29 10
AVG	1013.6	6	30 29 27 8

Date	Cloud (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)
------	-----------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

ALERT AUGUST 1970 0800 AST		NMT 0800 AST	
01 60 15	1017.4 E	3	34 33 30 10
02 20 2 F	1012.9 CALM	3	32 32 32 10
03 15 2 S-F	1005.7 ENE	3	33 33 33 10
04 23 5 S-	1011.9 CALM	3	33 33 32 10
05 35 15	1016.0 ENE	5	35 35 33 10
06 110 11/2F	1012.7 NNW	6	31 31 30 10
07 40 3/4S-F	1014.8 N	10	32 32 32 10
08 5 3/4S-	1016.1 NNW	22	32 32 32 10
09 40 15	1020.0 NNW	25	32 31 29 10
10 40 15	1023.3 CALM	3	32 32 32 10
11 2 1/2F	1024.8 N	4	31 31 30 10
12 200 5 F	1022.3 CALM	27	27 26 10
13 14 10	1017.0 NNW	2	29 29 28 10
14 UNL 1 F	1011.0 NNW	2	22 22 21 7
15 10 3/4S-	1000.0 NNW	19	30 30 29 10
16 5 11/2S-F	1000.2 W	5	32 32 30 10
17 40 15	1001.1 SSE	15	31 29 24 9
18 UNL 15	1007.4 S	12	33 31 29 8
19 2 1/2F	1007.5 E	2	23 23 21 10
20 UNL 15	1008.8 SW	21	29 28 26 8
21 UNL 15	1015.0 W	4	29 27 23 1
22 50 15	1011.5 SSW	31	39 35 29 10
23 UNL 30	1017.1 ENE	3	34 31 27 4
24 100 15+	1022.8 SW	15	39 36 33 7
25 100 15+	1017.6 E	5	33 31 28 9
26 5 3/4S-F	1022.0 N	3	29 29 29 10
27 UNL 15+	1018.3 CALM	2	27 24 6
28 UNL 15+	1016.1 NNW	4	23 18 2
29 UNL 30	1014.7 WSW	8	28 26 22 0
30 UNL 15	1005.8 SW	40	32 28 23 2
31 UNL 3 F	1008.9 E	4	31 30 29 7
AVG	1013.6	9	31 30 28 8

Date	Cloud (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)
------	-----------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

ALERT AUGUST 1970 1400 AST		NMT 1400 AST	
01 4 3 S-F	1015.7 N	6	34 34 33 10
02 40 15	1011.0 E	10	35 34 34 10
03 18 7 S-	1005.1 NE	3	34 33 33 10
04 12 4 R-	1012.6 E	5	35 35 34 10
05 40 15	1015.4 E	6	36 35 33 9
06 35 7	1011.7 N	6	33 32 31 10
07 8 15	1016.2 N	11	32 31 31 10
08 40 11/2S-	1017.4 NNW	18	30 30 29 10
09 35 15	1021.3 NNW	15	35 32 29 10
10 40 7	1022.6 N	2	35 33 31 10
11 40 7	1023.8 CALM	3	31 29 9
12 70 3 F	1021.4 NNW	28	28 27 10
13 35 10	1013.9 NE	3	31 31 30 10
14 45 3/4S-F	1009.9 NNW	4	23 22 10
15 6 2 S-	997.4 NNW	14	31 31 31 10
16 20 10	999.2 S	12	31 29 9
17 UNL 15	1001.0 S	21	34 32 27 6
18 UNL 15	1008.0 NNW	6	31 28 22 6
19 2 2 F	1007.2 E	8	24 23 21 10
20 UNL 15	1005.5 SW	18	33 32 31 9
21 UNL 15+	1015.0 CALM	3	29 25 7
22 UNL 15	1012.0 SSW	28	42 38 33 4
23 UNL 30	1019.9 NNE	10	34 32 29 7
24 UNL 35	1020.2 SW	21	40 37 32 1
25 7 8 S-/	1018.5 WSW	2	34 33 32 10
26 30 10	1022.7 SSE	3	30 29 26 10
27 UNL 30	1015.7 CALM	30	28 24 3
28 UNL 15	1015.7 CALM	27	25 20 1
29 UNL 15	1012.7 WSW	20	31 27 20 0
30 50 15	1006.6 SSW	42	35 32 26 9
31 UNL 15	1006.0 SW	14	36 33 26 5
AVG	1013.0	10	33 31 28 8

Date	Cloud (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)
------	-----------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

ALERT AUGUST 1970 2000 AST		NMT 2000 AST	
01 3 1 L-F	1015.0 NNW	6	32 32 31 10
02 3 3/8R-S-F	1009.1 NE	3	32 32 32 10
03 18 7 R-	1007.1 CALM	3	34 34 34 10
04 12 3 R-F	1014.0 CALM	3	33 33 33 10
05 220 1 F	1014.1 NE	3	33 33 33 10
06 4 1 S-F	1011.8 NNW	15	33 32 32 10
07 4 1 S-F	1015.9 N	15	32 31 30 10
08 40 10	1018.7 NNW	11	31 31 30 10
09 40 15	1022.7 CALM	3	35 33 31 10
10 30 11/2S-F	1023.6 N	6	31 31 30 10
11 UNL 1/8F	1023.8 NE	2	27 27 24 7
12 7 15	1020.4 N	2	29 29 28 10
13 UNL 1/4F	1012.5 E	6	27 27 27 7
14 5 7 F	1008.0 NNW	10	26 26 25 10
15 15 3 S-F	998.4 N	8	31 31 31 10
16 80 15	999.3 SSW	15	31 29 27 8
17 UNL 15	1003.8 SSW	20	31 29 23 3
18 UNL 1/8F	1008.6 CALM	24	24 23 8
19 45 10	1008.0 NE	3	25 24 22 9
20 UNL 15	1010.9 SW	18	30 29 25 1
21 200 15	1018.8 E	2	29 28 25 10
22 UNL 15	1012.1 NNW	1	36 33 28 3
23 35 15	1023.2 CALM	3	31 29 10
24 UNL 35	1018.2 WSW	23	37 34 29 9
25 1 11/2S-F	1019.2 ENE	7	32 32 31 10
26 UNL 15	1022.6 SSE	3	28 27 25 1
27 UNL 30	1015.9 NNW	7	22 21 17 8
28 UNL 15+	1015.8 W	5	25 24 21 1
29 UNL 15	1009.9 WSW	31	31 28 22 0
30 50 15	1006.3 WSW	15	36 33 28 9
31 50 15	1001.3 SW	35	36 33 28 8
AVG	1013.1	9	31 30 28 8

ALERT AUGUST 1970 0500 AST		NMT 0500 AST	
01 UNL 15	1017.9 CALM	37	34 28 10
02 2 1 F	1013.4 ENE	3	32 32 32 10
03 15 2 S-F	1006.2 W	4	33 33 32 10
04 12 4 S-	1011.0 CALM	3	34 33 33 10
05 30 4 S-	1015.8 E	4	34 34 33 10
06 120 1 F	1012.9 NNW	3	32 31 31 10
07 1 1/4S-F	1013.8 NNW	10	32 32 32 10
08 2 1/4S-F	1015.0 NNW	20	32 32 32 10
09 40 15	1019.2 NNW	15	33 32 31 10
10 40 15	1023.4 NNW	2	33 32 30 10
11 15 11/2S-	1024.5 NNW	7	30 30 29 10
12 UNL 1/8F	1022.4 CALM	25	25 24 6
13 12 15	1018.0 NNW	3	29 28 28 10
14 UNL 1/4F	1011.1 NNW	6	25 24 21 3
15 10 11/2S-F	1001.6 NNW	15	30 30 29 10
16 30 11/2S-F	1000.1 W	4	31 31 31 10
17 50 15	1000.4 SSE	6	31 29 26 9
18 UNL 15	1006.5 SSW	21	32 30 27 8
19 0 0 F	1007.8 NE	3	23 24 22 10
20 UNL 1/4F	1008.9 E	2	23 23 22 5
21 UNL 15	1014.5 W	6	25 24 21 3
22 40 15	1012.3 ESE	4	37 33 26 10
23 UNL 15	1014.5 WSW	24	37 34 30 7
24 50 15	1023.9 W	4	32 32 31 10
25 250 15	1017.7 WSW	17	35 32 31 10
26 2 11/2S-F	1021.0 CALM	28	28 27 10
27 UNL 15+	1019.4 WSW	5	23 23 19 0
28 UNL 15+	1015.8 CALM	22	21 18 2
29 UNL 15+	1014.6 WSW	8	25 23 17 1
30 UNL 15	1006.6 SW	35	30 27 21 2
31 15 3 S-	1009.7 NE	2	29 29 29 10
AVG	1013.5	8	30 29 27 8

ALERT AUGUST 1970 1100 AST		NMT 1100 AST	
01 20 11/2S-F	1016.8 NNW	5	35 34 33 10
02 50 10	1012.0 NE	8	34 33 33 10
03 35 15	1004.8 ENE	3	34 33 33 10
04 15 4 S-	1012.1 ENE	2	34 34 33 10
05 35 15	1015.7 ENE	9	37 35 33 9
06 4 2 F	1012.1 NNE	3	32 32 31 10
07 35 3 S-F	1015.7 NNW	12	31 31 30 10
08 5 5/8S-	1016.7 NNW	14	31 31 31 10
09 40 15	1020.7 NNW	10	34 32 29 10
10 40 15	1022.6 CALM	3	34 32 31 10
11 35 1/2F	1024.5 ENE	2	31 31 31 10
12 110 15	1021.5 CALM	28	28 27 8
13 12 10	1015.5 CALM	30	30 29 10
14 UNL 1 F	1010.3 NNW	5	22 22 21 10
15 10 1 S-	999.2 NNW	15	31 31 31 10
16 7 11/2S-F	999.8 WSW	2	31 30 29 10
17 100 15	1000.8 SE	28	32 31 29 6
18 UNL 15	1008.1 CALM	35	32 27 8
19 2 1 F	1007.4 SSE	3	24 23 21 10
20 50 15	1009.9 WSW	20	31 31 29 10
21 UNL 15+	1014.9 SSW	4	32 29 25 1
22 UNL 15	1012.7 NNW	20	39 35 29 7
23 UNL 30	1018.4 E	3	36 33 28 9
24 UNL 35	1021.5 SW	20	39 36 32 1
25 80 15+	1018.0 N	4	34 33 31 10
26 30 7 S-	1022.7 CALM	30	29 26 10
27 UNL 15+	1017.2 CALM	30	28 24 1
28 UNL 15	1015.9 S	2	28 26 21 2
29 UNL 15	1013.8 WSW	14	29 27 22 0
30 UNL 15	1005.0 SSW	34	32 28 5
31 UNL 15	1007.7 SW	11	35 32 28 9
AVG	1013.3	8	32 31 29 8

ALERT AUGUST 1970 1700 AST		NMT 1700 AST	
01 3 1/4L-F	1015.4 NE	5	32 32 32 10
02 2 3 F	1010.2 NNE	7	33 33 33 10
03 15 7 L-	1005.7 ENE	2	34 33 33 10
04 10 11/2R-F	1013.3 NNE	4	34 34 33 10
05 UNL 7	1015.2 NNE	5	35 34 34 9
06 30 2 S-F	1011.6 NNW	14	33 33 32 10
07 35 3 S-	1016.3 NNW	9	32 32 31 10
08 40 11/2S-	1018.4 NNW	17	31 31 30 10
09 35 15	1022.0 NNW	18	35 33 31 10
10 40 3 S-	1023.2 N	6	32 32 31 0
11 UNL 3/8F	1023.8 CALM	31	31 31 7
12 40 7	1021.1 NNW	3	29 29 28 10
13 40 7	1013.1 ESE	4	30 30 29 9
14 45 3/4F	1009.3 NNW	4	24 24 23 10
15 6 2 S-	997.6 N	8	31 31 31 10
16 UNL 15	998.9 S	18	30 27 23 5
17 UNL 15	1002.6 S	16	33 30 26 3

## SYNOPTIC OBSERVATIONS

ALERT

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

ALERT NMT  
SEPTEMBER 1970 0200 AST

01 50 15				1001.7	WSW	27	36	32	27	6
02 20 11/25-				1009.3	CALM	21	21	20	20	10
03 30 2				1011.6	NNW	6	23	23	21	10
04 15 4	S-F			1011.4	WSW	9	29	27	25	10
05 UNL 15				1017.6	CALM	18	18	15	7	
06 UNL 15+				1014.9	M	4	19	18	13	1
07 UNL 15				1012.2	MSM	37	29	26	22	10
08 UNL 15				1014.2	CALM	22	21	16	10	
09 UNL 15				1014.2	M	9	21	19	13	8
10 8 7				1009.6	NNE	10	20	20	18	10
11 10 7				1011.5	NM	10	21	20	17	10
12 35 6	S-			1012.5	M	13	25	23	20	10
13 45 15				1006.1	M	8	26	25	24	10
14 50 15				1002.0	MSM	5	23	22	19	9
15 UNL 10				1005.8	M	9	13	12	6	0
16 UNL 15+				1006.1	CALM	27	22	10	0	
17 UNL 15				1010.5	CALM	9	8	3	0	
18 UNL 10				1007.9	SSM	3	0	-6	1	
19 10 3	S-			1006.8	E	4	5	3	10	
20 45 15				1009.5	CALM	3	2	-5	8	
21 25 15				1012.8	CALM	5	5	0	10	
22 60 15				1017.7	NNW	2	8	7	0	8
23 UNL 15				1024.3	M	7	4	-2	1	
24 UNL 15				1028.0	M	7	7	6	2	0
25 UNL 15				1025.8	M	5	4	3	-2	0
26 UNL 15	1C			1013.5	S	2	1	-3	2	
27 UNL 15				1012.3	M	4	3	3	1	
28 4 1/2F				1003.1	NNW	7	16	16	14	10
29 15 10				994.4	M	7	15	14	9	10
30 40 5	S-			997.3	M	4	14	14	12	10

AVG 1010.8 7 16 15 10 7

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

ALERT NMT  
SEPTEMBER 1970 0800 AST

01 30 2	S-			1007.8	SE	4	27	26	26	10
02 40 15				1009.8	W	13	24	22	18	9
03 30 2	S-			1011.6	CALM	24	24	23	10	
04 50 15				1010.6	WSW	24	29	22	10	
05 UNL 15+				1018.9	M	7	20	19	16	4
06 UNL 15+				1014.0	MSM	20	27	24	17	6
07 UNL 15				1015.2	N	11	29	24	13	10
08 UNL 15				1014.7	M	15	23	22	19	3
09 25 15				1013.9	M	3	23	20	12	8
10 7 3	S-F			1008.8	N	12	19	19	17	10
11 30 9	S-			1013.5	CALM	22	21	17	10	
12 50 10	S-			1011.6	M	13	27	26	21	10
13 12 7				1004.3	NNW	9	26	25	24	10
14 UNL 15				1003.9	ENE	2	17	17	15	1
15 UNL 15				1006.7	CALM	16	15	10	0	
16 UNL 15+				1007.9	NE	5	15	14	9	1
17 UNL 15				1010.7	CALM	11	11	7	1	
18 70 15	S-			1007.7	CALM	4	4	-6	0	
19 40 4	S-			1007.6	CALM	6	6	3	10	
20 5 1/4F				1011.6	SSW	2	3	3	1	10
21 45 15				1013.2	E	5	7	7	4	10
22 UNL 15				1020.9	M	6	13	13	9	9
23 80 15				1026.3	W	7	9	9	4	10
24 UNL 15				1028.8	M	5	6	6	0	0
25 UNL 15+				1022.7	M	5	3	2	-6	0
26 UNL 15				1011.1	CALM	6	5	-1	0	
27 UNL 15				1011.7	M	9	0	-5	9	
28 3 1/2F				1000.2	NNW	4	13	11	10	
29 15 6	S-			995.0	M	9	14	13	10	10
30 40 10	S-			999.4	ESE	2	14	14	10	10

AVG 1011.4 6 16 15 11 7

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

ALERT NMT  
SEPTEMBER 1970 1400 AST

01 30 15				1007.5	E	4	28	27	27	10
02 35 15				1008.2	MSW	33	27	25	20	10
03 10 3/4S-				1011.4	CALM	27	26	25	10	
04 15 5				1011.1	M	22	31	29	23	9
05 220 15				1016.2	M	1	25	24	20	9
06 UNL 15+				1012.3	MSW	31	30	27	21	10
07 UNL 15+				1015.8	CALM	23	22	19	10	
08 UNL 15+				1014.3	SM	12	28	27	24	5
09 6 7				1012.1	NNW	20	23	22	18	10
10 15 6	S-			1008.5	N	12	20	19	17	10
11 UNL 15				1013.9	SM	10	21	19	13	1
12 50 15				1010.8	S	3	27	25	20	10
13 7 4	F			1001.8	NNE	5	24	24	23	10
14 UNL 15				1003.6	MSW	8	19	18	14	0
15 UNL 15				1007.2	ENE	7	15	14	11	1
16 UNL 15+				1009.1	M	10	23	21	17	0
17 UNL 15				1009.7	CALM	7	7	3	5	
18 15 5	S-			1006.6	ENE	3	5	2	10	
19 40 10	S-			1006.8	CALM	10	10	6	10	
20 40 7	S-			1012.1	CALM	6	6	2	10	
21 40 15				1013.1	NN	6	10	10	6	7
22 40 15				1022.3	NM	6	13	13	9	10
23 UNL 15				1028.8	CALM	13	12	6	8	
24 UNL 15				1028.2	CALM	11	10	1	0	
25 UNL 15+				1016.6	NM	21	11	4	0	
26 UNL 10				1012.3	M	6	1	0	-7	9
27 15 10				1009.2	M	6	3	-2	8	
28 3 1/2S-F				996.7	NNW	12	12	10	10	
29 35 10	S-			994.8	CALM	14	14	11	10	
30 50 15				1001.5	NM	9	14	14	9	9

AVG 1010.7 8 17 17 12 7

Date	Calling (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

ALERT NMT  
SEPTEMBER 1970 2000 AST

01 40 15				1007.9	NNW	11	22	21	17	10
02 10 1/2S-				1009.8	S	3	27	27	26	10
03 10 3/4S-				1012.2	MSW	3	27	27	26	10
04 210 15				1014.3	E	3	22	22	20	8
05 220 15				1013.8	MSM	23	28	26	20	8
06 UNL 15				1014.7	NE	4	19	18	13	9
07 UNL 15				1015.5	SE	2	25	23	18	10
08 UNL 15				1013.6	M	14	25	23	17	10
09 5 1/2F				1011.1	N	17	21	21	20	10
10 8 10	S-			1010.0	N	15	20	20	16	10
11 45 15				1013.7	SM	17	21	19	12	10
12 50 15				1009.0	SSW	2	27	27	25	10
13 12 6	S-			1000.8	NNW	4	21	21	19	10
14 UNL 15				1005.1	M	10	18	17	12	0
15 UNL 15				1006.6	E	2	14	13	9	1
16 UNL 10				1010.3	CALM	5	12	11	6	0
17 UNL 10	S-			1009.1	NNW	5	6	3	-5	3
18 10 2	S-			1006.7	CALM	6	6	3	10	
19 45 15				1007.6	NNW	13	9	8	1	8
20 25 1	S-			1012.1	CALM	6	7	4	10	
21 60 15				1015.4	ENE	4	6	6	0	8
22 UNL 15				1024.4	CALM	6	6	0	0	
23 UNL 15				1028.1	M	6	5	5	0	0
24 UNL 15				1028.1	M	4	7	6	0	0
25 UNL 15				1014.2	NM	12	3	-2	0	
26 UNL 15				1012.6	CALM	1	1	-4	7	
27 2 1/4F				1006.5	M	7	11	11	10	10
28 15 4	F			994.9	M	12	12	11	9	10
29 45 15				996.0	CALM	14	13	10	10	
30 50 15	S-			1005.1	M	4	10	10	6	10

AVG 1011.0 7 15 14 10 7

ALERT NMT  
SEPTEMBER 1970 0500 AST

01 50 15				1006.3	E	5	25	23	17	6
02 UNL 15				1009.4	SSM	10	16	15	11	5
03 25 11/25-				1012.2	S	2	23	23	21	10
04 13 10				1011.0	WSW	21	31	29	26	10
05 UNL 30				1018.6	CALM	22	21	17	8	
06 UNL 15+				1014.6	WSW	16	24	22	16	3
07 UNL 15				1012.7	SM	37	30	27	22	10
08 UNL 15				1014.9	CALM	25	22	15	9	
09 UNL 15				1014.0	M	12	20	18	13	10
10 5 3	S-F			1009.0	NNE	16	19	19	17	10
11 10 7	S-			1012.7	NNW	3	22	21	18	10
12 30 15				1012.0	MSM	14	27	25	20	10
13 45 15				1005.0	NNW	5	26	25	23	10
14 UNL 15				1002.8	NNW	3	16	14	14	1
15 UNL 15				1006.4	M	7	12	11	7	0
16 UNL 15				1007.0	NE	2	14	13	8	0
17 UNL 15				1010.7	CALM	10	9	3	0	
18 UNL 10				1007.8	SE	3	3	-2	5	
19 10 4	S-			1007.0						



## SYNOPTIC OBSERVATIONS

## ALERT

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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

ALERT NMT  
OCTOBER 1970 0200 AST

01 UNL 15	1006.1 CALM	10	10	5	7					
02 30 10	1014.1 CALM	4	5	2	10					
03 UNL 15	1029.1 CALM	14	12	3	1					
04 UNL 15	1019.0 W	18	14	13	6	0				
05 210 15	1015.9 SW	30	24	23	20	10				
06 15 10	1017.0 NW	12	11	11	8	10				
07 12 1/25-F	1011.4 CALM	8	8	5	10					
08 15 2	1018.6 W	4	5	5	10					
09 1 1/8F	1008.0 W	2	10	5	11	10				
10 UNL 15	1006.0 CALM	-15	-15	0	0					
11 UNL 15	1018.5 WSW	23	-6	-7	-15	0				
12 UNL 15	1012.0 W	7	-13	-13	-26	0				
13 180 15	1008.4 CALM	-7	-8	-16	8					
14 UNL 7	1005.5 W	2	-7	-12	8					
15 UNL 15	1005.1 SW	30	-1	-1	-8	2				
16 UNL 15	1011.1 CALM	-13	-13	-19	1					
17 UNL 15	1005.8 WSW	36	3	-3	-12	7				
18 UNL 15	1009.4 SW	13	2	1	-7	9				
19 120 15	1023.5 CALM	0	0	-5	10					
20 UNL 15	1025.4 W	3	-13	-13	-16	0				
21 UNL 15	1024.5 CALM	-23	-23	-30	0					
22 UNL 15	1025.5 ENE	4	-18	-18	-23	1				
23 UNL 15	1026.3 W	5	-5	-6	-13	0				
24 UNL 15	1018.0 SW	24	12	10	0	0				
25 UNL 15	1022.4 CALM	5	5	1	0					
26 40 15	1007.9 WSW	25	23	22	20	10				
27 UNL 15	1021.0 ENE	2	1	1	-4	0				
28 UNL 15	1017.9 CALM	-5	-6	-14	1					
29 UNL 15	1020.3 WSW	15	8	7	0	0				
30 UNL 15	1012.3 CALM	-1	1	-5	7					
31 UNL 15	1010.7 SW	18	20	16	0					
AVG	1015.2	9	1	0	-6	4				

ALERT NMT  
OCTOBER 1970 0500 AST

01 35 7	1007.2 W	4	9	9	5	10				
02 30 1	1016.3 W	3	3	3	0	10				
03 UNL 15	1023.4 W	7	13	11	1	1				
04 UNL 15	1019.7 SW	8	14	13	6	1				
05 90 10	1016.9 SW	28	26	25	23	10				
06 210 10	1015.0 NW	12	11	11	7	10				
07 15 10	1013.5 N	8	8	8	3	10				
08 2 1/25-F	1019.1 CALM	4	5	2	10					
09 UNL 1/4F	1006.8 CALM	-15	-15	-18	4					
10 UNL 4	1007.9 CALM	-14	-14	-17	2					
11 UNL 15	1019.5 W	8	-9	-16	3					
12 UNL 15	1010.7 W	10	-13	-13	-26	1				
13 70 15	1007.1 CALM	-7	-7	-14	10					
14 UNL 10	1005.3 CALM	-7	-7	-11	8					
15 UNL 15	1005.6 W	18	-2	-2	-10	2				
16 UNL 15	1011.5 E	6	-11	-11	-17	0				
17 UNL 15	1007.6 WNW	7	1	-2	-9	5				
18 50 4	1008.8 SW	43	4	-3	8					
19 120 3	1025.5 NNE	4	0	1	-3	10				
20 UNL 15	1024.7 W	4	-15	-15	-18	0				
21 UNL 15	1025.1 WNW	2	-24	-24	-30	2				
22 UNL 10	1025.6 W	8	-17	-17	-22	8				
23 UNL 15	1027.5 W	14	-2	-3	-12	1				
24 UNL 15	1013.2 WSW	25	11	10	-2	0				
25 UNL 15	1022.3 WNW	2	-2	-3	-17	1				
26 45 15	1006.3 SW	35	28	28	27	10				
27 UNL 15	1023.7 CALM	1	0	-6	3					
28 UNL 15	1017.8 W	6	-5	-5	-9	0				
29 UNL 15	1018.2 SW	28	10	9	0	0				
30 45 10	1011.8 E	3	2	-2	-2	10				
31 50 15	1009.6 W	16	20	19	16	8				
AVG	1015.3	10	1	0	-5	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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

ALERT NMT  
OCTOBER 1970 0800 AST

01 UNL 10	1007.7 W	2	7	7	3	7				
02 UNL 6	1017.9 CALM	13	3	3	0	8				
03 UNL 35	1022.7 W	13	12	10	-1	0				
04 UNL 15	1020.0 SSW	27	15	14	6	8				
05 110 15	1016.1 SW	30	26	24	20	10				
06 35 4	1013.2 N	5	13	12	9	10				
07 15 10	1014.8 N	5	8	8	5	10				
08 50 5	1018.2 CALM	4	4	4	1	10				
09 UNL 1/8F	1005.9 CALM	-18	-18	-19	8					
10 UNL 15	1010.4 CALM	-14	-14	-19	7					
11 UNL 15	1019.3 WSW	18	-6	-6	-14	1				
12 UNL 15	1009.5 W	4	-14	-14	-26	1				
13 5 3	1006.6 ENE	4	-4	-4	-10	10				
14 UNL 2	1004.9 CALM	-7	-7	-11	8					
15 UNL 10	1006.1 WNW	14	-2	-3	-10	7				
16 UNL 15	1010.6 W	8	-7	-7	-11	0				
17 200 15	1008.4 WSW	10	-2	-2	-10	7				
18 120 10	1009.7 WSW	35	6	5	-2	10				
19 100 4	1026.3 ENE	15	1	1	-1	10				
20 UNL 15	1024.6 WNW	4	-17	-17	-23	1				
21 UNL 10	1025.6 W	2	-24	-24	-28	1				
22 UNL 15	1025.2 CALM	-12	-13	-19	3					
23 UNL 15	1010.6 W	4	-6	-6	-17	3				
24 70 5	1010.8 WSW	37	11	9	1	10				
25 UNL 1/2BS	1016.9 SW	33	16	15	11	5				
26 40 2	1006.4 WSW	25	25	25	23	10				
27 40 4	1027.4 NW	2	1	1	-2	10				
28 UNL 15	1018.8 S	2	-2	-2	-5	4				
29 UNL 15	1015.9 WSW	22	11	10	1	4				
30 45 15	1012.8 CALM	0	0	-4	9					
31 60 15	1009.3 W	23	19	18	13	10				
AVG	1015.2	11	1	1	-4	7				

ALERT NMT  
OCTOBER 1970 1100 AST

01 50 10	1008.6 W	7	9	9	4	10				
02 UNL 2	1019.0 NNE	4	2	2	0	8				
03 UNL 15+	1021.9 W	11	18	15	6	0				
04 UNL 15	1019.0 SSW	30	19	17	10	8				
05 110 15	1017.0 W	4	27	24	20	10				
06 40 2	1011.7 E	3	11	11	9	10				
07 15 3	1016.5 N	7	6	6	3	10				
08 50 10	1017.3 ESE	3	2	2	-2	10				
09 UNL 3/4F	1004.8 W	2	-20	-20	-21	3				
10 UNL 15	1012.1 SSW	3	-7	-7	-11	8				
11 UNL 15	1017.5 WSW	23	-7	-7	-15	0				
12 UNL 15	1008.3 WNW	6	-12	-13	-24	7				
13 UNL 6	1006.7 ENE	5	-5	-5	-9	6				
14 40 1	1005.0 CALM	-7	-7	-11	10					
15 80 5	1005.4 WSW	35	-1	-1	-5	8				
16 UNL 10	1009.1 WSW	24	-3	-5	-24	1				
17 UNL 15	1007.7 SW	24	-1	-1	-8	5				
18 120 10	1012.4 WSW	28	8	7	0	9				
19 100 4	1027.5 NNE	5	-1	-1	-3	10				
20 UNL 15	1024.9 CALM	-18	-18	-23	2					
21 UNL 15	1026.2 CALM	-29	-29	-35	1					
22 UNL 15	1024.8 W	5	-11	-11	-16	2				
23 UNL 15+	1028.7 W	6	-8	-8	-20	1				
24 70 5	1009.4 WSW	32	11	10	4	10				
25 80 7	1014.6 WSW	27	18	17	13	10				
26 40 10	1006.4 WSW	30	24	24	22	9				
27 40 15	1029.4 CALM	1	1	-2	10					
28 40 15	1019.5 CALM	0	0	-2	10					
29 UNL 15	1014.6 W	16	11	9	1	6				
30 45 15	1013.1 CALM	4	4	-2	10					
31 45 4	1010.4 CALM	11	11	8	10					
AVG	1015.1	11	2	1	-4	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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

ALERT NMT  
OCTOBER 1970 1400 AST

01 45 15	1009.2 W	5	8	8	3	9				
02 UNL 15	1020.2 NW	3	4	4	0	7				
03 UNL 15	1020.6 W	15	16	13	3	6				
04 UNL 15	1020.0 SSW	18	18	16	8	6				
05 100 15	1016.0 SW	27	26	24	19	10				
06 10 1/25-F	1010.8 NE	2	11	11	8	10				
07 15 1/25	1017.5 NNE	13	6	5	2	10				
08 UNL 15	1015.4 W	3	-5	-5	-10	7				
09 UNL 10	1005.0 CALM	-14	-13	-17	2					
10 UNL 15	1012.8 SE	3	-6	-6	-9	2				
11 UNL 15	1016.1 WSW	20	-5	-6	-14	1				
12 UNL 15	1007.7 WNW	6	-15	-15	-20	10				
13 5 3	1007.3 WNW	4	-5	-5	-9	10				
14 45 10	1006.3 NE	4	-8	-8	-13	10				
15 80 7	1006.8 WSW	25	-1	-2	-9	7				
16 UNL 15	1007.4 SW	34	-3	-4	-14	0				
17 UNL 3	1007.4 SW	35	-1	-2	-9	6				
18 120 15	1015.7 NNE	5	1	1	-4	10				

## SYNOPTIC OBSERVATIONS

## ALERT

Date	Clouds (100's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	----------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

ALERT NMT  
NOVEMBER 1970 0200 AST

01 40 2	S-	1019.7 NE	8 - 1 - 1	- 4 10
02 UNL 15		1025.0 SE	4 - 1 - 1	- 8 0
03 UNL 15		1001.9 S	2 4 2	-10 0
04 5	1/4SG-F	1016.5 CALM	- 5 - 5	- 9 10
05 UNL 12	IC	1030.9 NW	2 -18 -18	-22 0
06 UNL 15		1026.0 CALM	-23 -23	-25 2
07 15 10		1018.1 W	7 -14 -14	-19 8
08 2	1/4ICF	1005.7 N	15 -13 -12	-15 10
09 UNL 15		1014.6 W	9 -14 -14	-21 0
10 UNL 15		1020.7 MNW	2 -18 -18	-26 4
11 15 10	S-	1023.2 CALM	- 6 - 6	-11 10
12 15 3	S-	1023.2 W	11 -10 -10	-15 10
13 UNL 2	IC	1016.0 W	8 -20 -20	-25 5
14 UNL 10	IC	1021.2 W	2 -20 -20	-25 7
15 UNL 6	S-	1019.0 MNW	2 -18 -18	-25 8
16 UNL 15		1023.1 W	5 -27 -27	-35 0
17 UNL 15		1024.9 MNW	2 -24 -24	-30 1
18 UNL 15	IC	1020.2 CALM	-15 -15	-21 7
19 UNL 15		1015.4 MNW	10 - 3 - 3	-10 0
20 UNL 15		1016.2 SW	20 4 3	-4 0
21 45 15		1006.9 SSE	17 15 14	9 10
22 UNL 4	BS	1012.5 SSW	35 3 -3	-10 1
23 UNL 10		1023.3 WSW	19 - 8 - 8	-16 0
24 UNL 15		1025.2 MNW	7 -21 -21	-26 0
25 160 15		1009.7 W	6 -21 -21	-26 10
26 UNL 3	IC	994.7 CALM	-18 -18	-23 2
27 UNL 2	IC	1024.9 ESE	9 -21 -21	-30 6
28 40 15		1015.2 W	6 -21 -21	-30 10
29 25 12	S-	999.5 MNW	9 -20 -20	-25 10
30 UNL 15		1009.5 MNW	2 -23 -23	-32 0
AVG		1016.8	7 -13 -13	-19 5

ALERT NMT  
NOVEMBER 1970 0500 AST

01 40 2	S-	1023.2 N	11 - 3 - 3	- 6 10
02 UNL 15		1020.3 ESE	5 - 2 - 3	-12 0
03 UNL 15		1003.5 W	5 - 2 - 3	-10 0
04 3	1/8SG-F	1018.3 N	2 - 6 - 6	-10 10
05 UNL 15	IC	1031.8 CALM	-21 -21	-26 0
06 UNL 10	IC	1025.7 CALM	-19 -19	-23 0
07 14 3	S-F	1016.2 MNW	7 -13 -13	-17 10
08 UNL 15	3/4ICF	1006.6 S	5 -15 -15	-18 8
09 UNL 15		1015.1 W	10 -12 -12	-18 4
10 30 15		1021.4 W	2 -14 -15	-20 10
11 14 10	S-	1024.3 MNW	2 - 6 - 6	-12 10
12 13 6	S-	1021.7 W	9 - 8 - 8	-12 10
13 UNL 6	IC	1017.2 CALM	-21 -21	-26 1
14 UNL 10	IC	1021.2 W	4 -22 -22	-27 10
15 UNL 15		1019.4 MNW	2 -21 -21	-26 7
16 UNL 15		1023.0 W	3 -24 -24	-34 0
17 UNL 15		1025.2 CALM	-23 -24	-32 1
18 UNL 15		1019.7 NNE	2 -15 -15	-20 1
19 UNL 15		1015.6 SW	8 - 3 - 3	-10 0
20 UNL 15		1016.5 WSW	20 2 1	8 0
21 UNL 15		1006.4 W	15 -14 -13	7 5
22 UNL 4	BS	1013.3 SW	38 3 -3	-10 1
23 UNL 10		1023.1 SW	18 - 9 - 10	-17 0
24 UNL 15		1025.1 W	6 -21 -21	-26 0
25 160 15		1004.4 MNW	5 -20 -20	-25 10
26 UNL 10	IC	997.3 CALM	-17 -17	-22 0
27 UNL 5	IC	1026.6 E	9 -25 -25	-31 2
28 40 15		1011.8 W	6 -20 -20	-25 10
29 UNL 15		1000.6 NW	7 -21 -21	-28 8
30 UNL 15		1011.3 MNW	2 -21 -21	-26 0
AVG		1016.9	7 -13 -13	-19 4

Date	Clouds (100's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	----------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

ALERT NMT  
NOVEMBER 1970 0800 AST

01 45 10		1026.6 M	7 - 4 - 4	- 8 10
02 UNL 15		1016.0 SW	3 8 1	- 7 0
03 UNL 15		1004.8 W	14 1 1	- 7 0
04 2	1/2F	1020.6 CALM	-11 -11	-15 10
05 UNL 15		1031.8 MNW	8 -21 -21	-30 1
06 UNL 15		1025.7 W	6 -22 -22	-31 0
07 14 1	F	1014.0 NW	5 -14 -14	-20 10
08 40	3/4ICF	1008.5 W	8 -14 -14	-19 10
09 20 12	S-	1015.9 MNW	11 -11 -11	-16 6
10 15 12	SG-	1021.5 CALM	-12 -12	-18 10
11 13 12	S-	1024.8 CALM	- 7 - 7	-10 10
12 15 4	S-	1019.4 MNW	12 - 6 - 6	- 9 10
13 UNL 10	IC	1018.3 CALM	- 6 - 6	-27 1
14 UNL 10	IC	1020.8 W	4 -25 -25	-31 0
15 UNL 10	IC	1020.4 W	5 -22 -22	-27 2
16 UNL 15		1023.2 W	6 -26 -26	-39 0
17 UNL 15		1025.1 CALM	-23 -23	-32 0
18 UNL 15		1019.6 CALM	-18 -19	-25 0
19 UNL 15		1016.3 SW	14 4 4	-11 6
20 UNL 15		1016.7 WSW	6 5 3	3 0
21 UNL 15		1006.1 S	17 13 11	2 3
22 UNL 4	BS	1015.7 WSW	35 3 -3	-10 1
23 UNL 15		1022.4 WSW	15 -10 -10	-19 0
24 UNL 15		1024.3 W	5 -21 -21	-30 0
25 15 15		997.6 W	10 -18 -18	-26 10
26 UNL 15		999.5 MNW	7 -24 -24	-32 0
27 UNL 10	IC	1031.4 CALM	-26 -26	-34 0
28 UNL 15		1008.8 WSW	7 -22 -22	-31 6
29 UNL 15		1001.3 MNW	2 -22 -22	-29 0
30 UNL 15		1012.3 CALM	-25 -25	-33 0
AVG		1017.0	7 -14 -14	-21 4

ALERT NMT  
NOVEMBER 1970 1100 AST

01 UNL 15	IC	1029.3 CALM	- 8 - 8	-12 3
02 UNL 15		1011.6 SW	7 6 5	- 5 1
03 UNL 15		1006.8 W	10 5 5	-12 0
04 6	3/4F	1022.7 CALM	-15 -15	-21 7
05 60 10		1031.7 WSW	2 -22 -22	-27 7
06 UNL 10		1025.1 W	6 -20 -20	-27 5
07 14 2	1/4F	1011.5 W	6 -20 -20	-24 10
08 UNL 15		1009.8 W	6 -19 -19	-24 1
09 UNL 6	IC	1016.8 CALM	-14 -14	-19 6
10 15 15		1021.7 W	7 -12 -12	-18 10
11 15 10	SG-	1025.2 S	2 - 7 - 7	-11 10
12 15 4	S-	1017.8 N	8 5 5	- 8 10
13 UNL 10	IC	1019.7 W	4 -25 -25	-31 2
14 UNL 15		1020.2 SW	3 -23 -23	-29 0
15 UNL 10	IC	1021.0 W	5 -25 -25	-31 0
16 UNL 15		1023.0 W	5 -27 -27	-38 0
17 UNL 15		1024.4 W	2 -23 -23	-32 2
18 UNL 15		1019.0 MNW	3 -25 -25	-35 0
19 UNL 15		1016.8 W	15 4 4	-12 6
20 UNL 15		1015.9 SSE	3 -1 -2	7 2
21 UNL 15		1006.8 S	9 11 10	4 6
22 UNL 5	BS	1017.1 WSW	35 5 -5	-10 1
23 UNL 15		1022.0 W	7 -14 -14	-24 0
24 UNL 15		1023.4 W	2 -22 -22	-31 0
25 15 10	S-	998.8 NNE	12 -15 -15	-20 10
26 40 10	S-	1002.5 MNW	5 -19 -19	-24 10
27 UNL 15		1032.1 CALM	-25 -25	-33 0
28 UNL 15		1026.2 W	5 -23 -23	-30 6
29 UNL 15	IC	1001.5 W	2 -20 -20	-25 3
30 UNL 15		1013.0 CALM	-25 -25	-31 0
AVG		1016.8	6 -15 -15	-22 4

Date	Clouds (100's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	----------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

ALERT NMT  
NOVEMBER 1970 1400 AST

01 UNL 15		1030.9 W	5 -26 -26	-21 1
02 UNL 15		1007.4 S	10 11 9	1 0
03 25 15		1008.6 NW	4 - 1 - 2	- 9 10
04 UNL 15		1024.0 W	2 -19 -19	-24 0
05 3	F	1030.7 NW	4 -20 -20	-24 9
06 UNL 10		1024.1 NW	7 -11 -11	-16 2
07 5	1/2F	1009.1 W	7 -20 -20	-24 10
08 UNL 15		1011.3 WSW	6 -17 -17	-23 1
09 UNL 2	IC	1017.2 MNW	10 -19 -19	-26 4
10 15 12	S-	1021.7 W	8 -10 -10	-16 10
11 15 4	S-	1025.4 MNW	2 - 7 - 7	-12 10
12 15 2	S-	1016.1 N	14 - 6 - 6	- 9 10
13 UNL 10	IC	1020.3 CALM	-19 -19	-26 2
14 UNL 15	IC	1019.6 W	6 -23 -23	-29 2
15 UNL 15		1021.7 W	5 -24 -24	-28 2
16 UNL 15		1023.1 W	5 -26 -26	-36 0
17 UNL 15		1023.5 CALM	-19 -19	-27 2
18 UNL 15		1018.6 CALM	-19 -19	-27 2
19 UNL 15		1016.7 SSE	12 3 3	-12 4
20 UNL 15		1019.6 W	6 2 2	8 2
21 UNL 15		1008.9 WSW	18 7 7	2 7
22 UNL 4	BS	1016.2 WSW	43 5 -5	-12 2
23 UNL 15		1022.5 WSW	8 -16 -16	-27 0
24 UNL 15		1024.8 SSW	3 -18 -18	-25 0
25 5	1/2S	986.7 NNE	15 -17 -17	-23 10
26 30 10	S-	1006.0 CALM	-16 -16	-21 10
27 UNL 15	IC	1030.4 SW	10 -17 -17	-25 0
28 UNL 15		1003.2 MNW	5 -20 -20	-29 6
29 UNL 15	IC	1002.2 W	2 -23 -23	-29 0
30 UNL 15		1014.2 CALM	-26 -26	-34 0
AVG		1016.6	8 -14 -14	-21 4

ALERT NMT  
NOVEMBER 1970 1700 AST

01 UNL 15		1032.9 W	5 -16 -16	-21 0
02 UNL 15		1005.0 SW	7 8 6	- 7 1
03 23 15	S-	1010.9 CALM	- 1 - 1	- 5 10
04 UNL 7	1/2F	1026.3 WSW	7 -17 -17	-22 9
05 7 4	F	1030.1 W	7 -21 -21	-25 6
06 UNL 15		1023.0 MNW	15 -10 -10	-16 1
07 9 2	F	1007.4 WSW	7 -18 -18	-23 10
08 16 15		1012.3 S	18 -11 -11	-17 9
09 UNL 5	S-	1018.8 NW	11 -17 -17	-23 6
10 15 12	S-	1021.9 MNW	6 - 7 - 7	-12 10
11 20 10	S-	1025.5 N	3 - 7 - 7	-11 10
12 15 1	S-	1014.7 N	15 - 8 - 8	-12 10
13 UNL 10	IC	1021.4 CALM	-20 -20	-27 2
14 UNL 15		1019.2 W	6 -22 -22	-29 0
15 UNL 15		1022.5 W	3 -24 -24	-30 3
16 UNL 15		1017.7 CALM	-17 -17	-28 3
17 UNL 15		1022.7 CALM	-19 -19	-26 0
18 UNL 15		1017.7 CALM	-22 -22	-31 3
19 UNL 15		1016.9 WSW	17 1 -2	7 3
20 UNL 15		1012.8 W	11 7 4	-12 2
21 UNL 4	1/4BS	1008.8 SSW	48 6 5	- 3 1
22 UNL 1	BS	1016.9 WSW	45 - 4 - 4	-10 2
23 UNL 15		1023.4 CALM	-17 -17	-22 0
24 UNL 15		1021.5 CALM	-22 -22	-29 3
25 5	1/2S	986.7 W	6 -18 -18	-26 10
26 UNL 4	IC	1010.3 CALM	-18 -18	-22 4
27 UNL 15		1027.5 W	22 -15 -16	-23 0
28 30 8	S-	1001.3 W	4 -18 -18	-23 10
29 UNL 15		1003.6 W	3 -27 -27	-35 0
30 UNL 15		1015.4 W	3 -28 -28	-39 0
AVG		1016.7	9 -14 -14	-21 4

Date	Clouds (100's)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	----------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

ALERT NMT  
NOVEMBER 1970 2000 AST

01 UNL 15		1032.5 W	6 -13 -13	-18 0
02 UNL 15		1003.4 CALM	- 7 - 5	- 8 0
03 15 15	S-	1012.6 N	6 - 1 - 1	- 5 10
04 UNL 4	ICF	1028.5 MNW	7 -16 -16	-21 2
05 UNL 6	F	1028.9 NW	7 -23 -23	-29 3
06 11 10		1022.1 MNW	8 - 8 - 8	-10 10
07 15 3	S-	1006.2 NW	8 -17 -17	-20 10
08 UNL 15		1013.1 W	18 -12 -12	-20 1
09 UNL 5	IC	1019.7 N	5 -21 -20	-23 5
10 20 10	S-	1022.3 CALM	- 8 - 8	-13 10
11 15 3	S-	1025.5 ENE	7 - 9 - 9	-13 10
12 15 3	IC			

## SYNOPTIC OBSERVATIONS

## ALERT

Date	Calling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hazards)
------	---------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	---------------------

ALERT NMT  
DECEMBER 1970 0200 AST

01 40 15	IC	1019.6	CALM	-23	-23	-32	10			
02 UNL 15		1015.7	W	6	-27	-27	-38	2		
03 UNL 6	IC	1014.1	NNE	4	-27	-27	-35	6		
04 UNL 15	IC	1010.2	CALM	-24	-24	-32	8			
05 30 1	IC	1022.2	CALM	-23	-24	-30	10			
06 UNL 10	IC	1012.9	NE	4	-14	-14	-19	2		
07 UNL 10	IC	1010.1	W	7	-18	-18	-23	0		
08 UNL 15	IC	1002.3	W	6	-24	-24	-30	1		
09 70 4	S-	1002.7	W	12	-15	-15	-20	10		
10 75 3	IC	1010.8	CALM	-14	-14	-19	10			
11 50 4	S-	1023.4	WSW	25	-9	-9	-17	10		
12 UNL 15	IC	1029.9	CALM	-23	-23	-29	0			
13 UNL 15	IC	1028.3	CALM	-26	-26	-32	6			
14 UNL 15	IC	1016.2	CALM	-27	-28	-38	0			
15 UNL 15	IC	1010.3	CALM	-30	-30	-36	0			
16 UNL 15	IC	1009.2	CALM	-30	-30	-36	4			
17 UNL 15	IC	1015.8	CALM	-36			0			
18 UNL 15	IC	1021.9	CALM	-34	-34	-44	0			
19 UNL 15	IC	1020.1	CALM	-30	-30	-36	0			
20 UNL 15	IC	1023.6	E	3	-30	-30	-39	0		
21 UNL 15	IC	1023.2	W	3	-34	-34	-48	0		
22 UNL 15	IC	1023.9	CALM	-37			0			
23 UNL 15	IC	1017.6	CALM	-35	-35	-45	0			
24 UNL 15	IC	998.5	S	27	20	18	13	0		
25 20 15	S-	1008.1	ESE	5	-18	-18	-25	8		
26 0 0	BS	1009.3	SSW	5	2	2	-1	10		
27 UNL 12	IC	1033.0	NNW	7	-23	-23	-30	0		
28 UNL 10	IC	1030.3	SW	25	-11	-12	-20	0		
29 UNL 15	IC	1023.5	CALM	-18	-18	-25	0			
30 40 6	S-	1012.9	NNN	3	-17	-17	-20	7		
31 UNL 10	IC	1020.2	CALM	-27	-27	-31	0			
AVG		1016.8		6	-22	-22	-29	3		

Date	Calling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hazards)
------	---------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	---------------------

ALERT NMT  
DECEMBER 1970 0800 AST

01 UNL 15		1020.6	CALM	-25	-25	-35	0			
02 UNL 15		1015.8	W	3	-30	-31	-42	0		
03 UNL 15	IC	1012.3	W	2	-31	-31	-43	0		
04 UNL 10	IC	1015.0	CALM	-26	-26	-34	7			
05 40 2	S-	1021.1	E	2	-23	-23	-29	10		
06 40 4	S-	1013.2	E	3	-13	-13	-17	10		
07 UNL 10	IC	1007.1	W	9	-19	-19	-24	0		
08 UNL 15	IC	1004.0	W	6	-17	-17	-25	0		
09 UNL 15	IC	1003.6	W	14	-17	-17	-26	3		
10 40 3	S-	1015.3	NNN	3	-16	-16	-20	10		
11 UNL 10	IC	1026.7	N	8	-13	-13	-20	10		
12 UNL 15	IC	1029.6	W	5	-26	-26	-34	10		
13 UNL 15	IC	1027.6	CALM	-27	-27	-35	6			
14 UNL 15	IC	1014.1	CALM	-29	-29	-40	0			
15 UNL 15	IC	1009.0	CALM	-28	-28	-36	6			
16 UNL 10	IC	1010.8	NNN	2	-34	-34	-40	2		
17 40 10	S-	1018.0	CALM	-33	-33	-39	10			
18 UNL 10	IC	1022.1	CALM	-32	-32	-38	0			
19 UNL 15	IC	1018.6	CALM	-27	-27	-33	0			
20 UNL 15	IC	1028.3	CALM	-30	-30	-36	4			
21 UNL 15	IC	1020.0	W	5	-37		0			
22 UNL 15	IC	1024.7	CALM	-36			0			
23 65 15	IC	1011.4	NNE	3	-26	-26	-36	10		
24 UNL 15	IC	1006.0	NNE	3	-23	-23	-30	0		
25 20 15	IC	1005.5	E	2	-18	-18	-22	10		
26 25 0	1/2BS	1017.5	SSW	40	1	1	5	10		
27 UNL 15	IC	1031.0	W	3	-26	-26	-26	0		
28 UNL 4	BS	1028.3	SW	34	-9	-10	-17	1		
29 UNL 15	IC	1020.6	CALM	-20	-20	-27	0			
30 UNL 6	S-	1015.3	W	4	-17	-17	-21	6		
31 UNL 15	IC	1022.8	NNN	1	-25	-25	-31	0		
AVG		1017.3		5	-24	-24	-30	4		

Date	Calling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hazards)
------	---------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	---------------------

ALERT NMT  
DECEMBER 1970 1400 AST

01 UNL 15		1019.2	W	5	-28	-28	-39	0		
02 UNL 10	IC	1015.4	W	6	-29	-29	-35	0		
03 UNL 15	IC	1009.5	CALM	-32	-32	-45	0			
04 30 10	S-	1017.9	CALM	-21	-21	-26	10			
05 35 4	S-	1016.3	CALM	-21	-21	-28	10			
06 UNL 15	S-	1013.4	WSW	5	-17	-17	-22	3		
07 UNL 15	S-	1002.7	W	8	-25	-25	-33	0		
08 40 10	IC	1003.7	WSW	30	-11	-12	-20	10		
09 30 4	S-	1004.0	W	15	-12	-12	-17	10		
10 25 2	S-	1018.0	E	3	-14	-14	-18	10		
11 UNL 10	IC	1028.6	N	1	-21	-21	-30	9		
12 UNL 15	IC	1029.2	CALM	-28	-28	-36	10			
13 UNL 15	IC	1023.4	CALM	-28	-28	-36	7			
14 UNL 15	IC	1012.8	CALM	-29	-29	-35	0			
15 UNL 15	IC	1007.7	W	2	-32	-32	-38	7		
16 UNL 15	IC	1011.9	CALM	-34	-34	-40	3			
17 40 8	S-	1019.3	E	6	-29	-29	-33	10		
18 UNL 10	IC	1021.3	CALM	-31	-31	-37	0			
19 UNL 15	IC	1017.3	W	14	-22	-22	-29	0		
20 UNL 15	IC	1020.0	W	3	-30	-30	-39	4		
21 UNL 15	IC	1019.4	W	2	-37		0			
22 UNL 15	IC	1023.5	CALM	-35			0			
23 65 15	IC	1003.5	W	6	-22	-22	-33	10		
24 UNL 15	IC	1007.9	CALM	-23	-23	-30	4			
25 20 15	IC	1008.5	CALM	-18	-18	-23	10			
26 UNL 15	IC	1026.9	N	7	-12	-12	-18	3		
27 UNL 15	IC	1028.2	W	7	-21	-21	-33	0		
28 UNL 10	IC	1028.1	W	26	-6	-6	-14	0		
29 UNL 15	IC	1015.1	W	7	-22	-22	-29	0		
30 UNL 15	IC	1016.6	NNW	2	-19	-19	-24	0		
31 UNL 15	IC	1023.4	CALM	-27	-27	-35	0			
AVG		1016.9		5	-24	-24	-32	4		

Date	Calling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hazards)
------	---------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	---------------------

ALERT NMT  
DECEMBER 1970 2000 AST

01 25 10	S-	1016.8	W	5	-23	-24	-37	10		
02 30 10	IC	1014.6	W	5	-28	-28	-39	10		
03 UNL 15	IC	1008.4	W	5	-31	-31	-40	0		
04 30 5	S-	1020.8	CALM	-22	-22	-27	10			
05 40 5	S-	1013.1	WSW	20	-7	-7	-11	10		
06 45 4	S-	1012.5	W	6	-14	-14	-18	10		
07 UNL 15	IC	1001.2	W	8	-25	-25	-33	0		
08 40 5	S-	1004.1	CALM	-15	-15	-20	10			
09 25 3	S-	1007.0	CALM	-13	-13	-18	10			
10 60 4	S-	1020.7	WSW	24	-8	-8	-12	10		
11 UNL 10	IC	1030.1	CALM	-16	-16	-22	2			
12 UNL 15	IC	1029.8	W	2	-27	-27	-33	5		
13 UNL 15	IC	1019.9	W	6	-27	-27	-35	0		
14 UNL 15	IC	1011.7	W	3	-33	-33	-46	0		
15 UNL 15	IC	1008.3	CALM	-30	-30	-36	4			
16 UNL 15	IC	1013.8	CALM	-34	-34	-40	3			
17 40 3	S-	1021.4	NW	5	-31	-31	-37	10		
18 UNL 15	IC	1021.2	CALM	-30	-30	-36	0			
19 UNL 15	IC	1019.6	W	5	-29	-29	-35	0		
20 UNL 15	IC	1028.5	W	6	-34	-34	-40	0		
21 UNL 15	IC	1020.9	CALM	-30	-30	-36	0			
22 UNL 15	IC	1022.5	CALM	-34	-34	-40	0			
23 UNL 4	BS	997.0	S	40	21	19	15	1		
24 UNL 15	S-	1008.9	CALM	-19	-20	-27	7			
25 UNL 12	IC	1008.9	NNE	3	-11	-11	-16	1		
26 UNL 15	IC	1030.8	W	5	-17	-17	-22	1		
27 UNL 15	IC	1030.0	CALM	-23	-23	-32	0			
28 UNL 15	IC	1025.8	NE	7	-14	-14	-22	0		
29 55 5	S-	1013.3	NNW	5	-18	-18	-19	10		
30 UNL 10	S-	1018.6	W	2	-18	-18	-22	8		
31 UNL 4	IC	1027.7	CALM	-25	-25	-29	2			
AVG		1017.0		5	-22	-22	-28	4		

ALERT NMT  
DECEMBER 1970 0500 AST

01 UNL 15		1020.4	CALM	-22	-23	-31	0			
02 UNL 5	S-	1015.6	W	6	-27	-27	-38	9		
03 UNL 15	IC	1013.2	W	5	-32	-32	-45	0		
04 UNL 15	IC	1012.6	NNE	4	-24	-24	-32	8		
05 30 11/2S-		1021.7	CALM	-23	-23	-30	10			
06 40 10	IC	1013.1	E	5	-13	-13	-18	10		
07 UNL 10	IC	1009.0	SSW	8	-17	-17	-22	0		
08 UNL 15	IC	1003.8	SW	5	-22	-22	-27	1		
09 UNL 10	IC	1003.0	W	14	-18	-18	-26	0		
10 75 3	IC	1013.3	N	3	-15	-15	-20	10		
11 50 4	S-	1025.1	WSW	23	-9	-9				

## SYNOPTIC OBSERVATIONS

CLYDE

Date	Cloud (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-----------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

CLYDE NMT  
JULY 1970 0100 EST

01 30 15				1015.0 MNW	17	33	31	30	10	
02 UNL 15				1011.4 MNW	16	37	34	30	4	
03 30 15				1004.8 MNW	7	35	33	30	8	
04 3 0	F			1002.9 CALM	37	37	37	10		
05 UNL 15				996.0 CALM	37	36	33	5		
06 10 4	F			1000.0 NE	9	32	31	30	10	
07 10 2	S-F			1007.4 NW	5	32	31	30	10	
08 UNL 4				1011.4 N	3	35	34	32	0	
09 UNL 15				1005.4 NE	6	34	32	29	10	
10 UNL 15				1004.0 NW	7	38	35	33	0	
11 UNL 15				1010.0 NW	14	34	32	29	0	
12 UNL 15				1013.2 NW	8	37	35	31	5	
13 UNL 15				1013.0 CALM	32	30	26	2		
14 10 8	R-			1011.9 N	2	36	35	32	10	
15 15 15				1010.4 N	3	35	33	31	10	
16 10 10				1007.2 N	6	34	32	29	10	
17 3 2	F			1009.1 NE	2	34	33	33	10	
18 UNL 15				1007.5 W	3	37	35	32	0	
19 10 6	F			1015.0 E	3	36	35	32	10	
20 10 3	R-			1005.9 NW	5	34	32	10		
21 UNL 15				1010.9 W	2	38	35	32	4	
22 UNL 15				1015.3 S	5	40	37	35	0	
23 50 15				1015.0 N	2	37	35	32	10	
24 30 15				1013.0 CALM	41	39	35	10		
25 30 15				1012.4 NW	8	37	36	34	10	
26 15 12				1011.2 NE	2	36	35	33	10	
27 30 15				1013.4 CALM	36	35	32	8		
28 UNL 15				1011.4 NW	6	38	36	33	0	
29 UNL 15				1011.8 E	6	36	34	31	2	
30 UNL 15				1015.0 NW	9	36	35	32	0	
31 UNL 15				1010.6 E	5	38	36	33	0	
AVG				1009.7	5	36	34	32	6	

Date	Cloud (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-----------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

CLYDE NMT  
JULY 1970 0700 EST

01 UNL 15				1014.6 MNW	9	35	33	30	0	
02 30 15				1010.9 W	9	35	33	30	10	
03 40 15				1002.9 W	4	35	33	30	6	
04 UNL 8				1000.4 CALM	38	35	30	2		
05 210 15				995.8 CALM	40	37	32	6		
06 10 2	F			1002.6 NE	4	32	31	32	10	
07 10 6	S-F			1008.2 N	6	32	31	29	10	
08 UNL 15				1010.4 S	4	36	34	31	0	
09 30 15				1003.8 NW	12	37	35	32	7	
10 UNL 15				1004.6 NW	18	38	36	33	4	
11 UNL 15				1010.0 NW	9	44	40	35	0	
12 50 15				1013.2 N	4	36	34	31	9	
13 UNL 15				1013.0 S	3	36	34	30	0	
14 10 8				1012.6 N	7	37	36	35	10	
15 10 10				1009.7 NW	6	35	34	33	10	
16 30 12				1007.4 N	6	36	34	31	10	
17 30 12				1009.1 CALM	34	33	32	10		
18 UNL 15				1009.4 CALM	37	34	29	0		
19 2 1	1/4R-F			1010.4 CALM	35	35	35	10		
20 40 12				1006.4 S	5	35	34	32	8	
21 UNL 15				1012.6 CALM	43	39	34			
22 80 15				1015.4 S	4	38	36	33	7	
23 50 15				1014.8 CALM	37	35	32	10		
24 25 6	R-			1012.4 N	5	39	37	36	10	
25 30 15				1012.4 N	6	38	36	33	10	
26 30 15				1011.4 S	4	38	36	34	8	
27 UNL 15				1013.2 S	2	38	36	33	0	
28 UNL 15				1011.0 SE	7	38	36	33	0	
29 UNL 15				1012.5 NE	3	38	36	33	0	
30 UNL 15				1014.4 W	5	40	37	34	0	
31 UNL 15				1009.6 S	3	40	38	35	0	
AVG				1009.6	5	37	35	32	6	

Date	Cloud (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-----------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

CLYDE NMT  
JULY 1970 1300 EST

01 UNL 15				1013.2 MNW	28	39	36	33	0	
02 UNL 15				1009.1 N	11	43	39	35	0	
03 UNL 15				1002.5 NW	10	44	39	32	3	
04 UNL 15				998.7 S	7	40	38	35	0	
05 210 15				995.8 CALM	42	38	32	10		
06 10 12				1004.8 NE	8	35	33	30	10	
07 30 15				1009.1 NW	8	35	34	32	10	
08 UNL 15				1000.6 S	5	38	34	29	0	
09 UNL 15				1003.8 NW	12	41	37	33	6	
10 UNL 15				1006.0 NW	21	41	38	34	0	
11 UNL 15				1010.0 W	2	50	46	41	0	
12 UNL 15				1013.5 CALM	44	40	36	0		
13 UNL 15				1012.4 SW	4	40	37	33	3	
14 10 15				1012.4 N	3	40	38	35	10	
15 30 10				1008.9 NW	4	40	37	34	10	
16 30 15				1007.4 N	7	40	38	35	10	
17 UNL 15				1009.1 E	10	39	36	31	3	
18 UNL 15				1012.6 CALM	41	37	32	0		
19 5 2	S-F			1010.4 NE	5	33	32	32	10	
20 UNL 15				1007.6 S	7	42	39	35	2	
21 120 15				1013.6 CALM	4	42	38	32	6	
22 80 15				1016.0 S	5	40	36	30	8	
23 UNL 15				1014.2 S	4	41	38	33	2	
24 20 15				1012.4 N	3	41	39	36	10	
25 50 15				1011.9 NW	5	41	38	34	10	
26 40 15				1012.0 SW	3	40	37	35	7	
27 UNL 15				1011.8 S	4	44	40	35	10	
28 UNL 15				1011.8 S	5	45	42	39	0	
29 UNL 15				1012.7 N	7	45	40	35	5	
30 UNL 15				1013.1 N	9	47	43	38	0	
31 UNL 15				1008.4 N	8	51	45	40	5	
AVG				1009.5	7	41	38	34	5	

Date	Cloud (1000 ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-----------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

CLYDE NMT  
JULY 1970 1900 EST

01 UNL 15				1013.4 MNW	26	38	36	32	1	
02 UNL 15				1007.1 CALM	43	40	35	0		
03 UNL 15				1002.9 N	6	40	39	35	0	
04 UNL 15				997.6 S	2	40	38	35	0	
05 10 6	F			998.4 E	10	34	32	10		
06 30 12				1006.7 N	9	33	32	29	10	
07 UNL 15				1011.4 CALM	9	33	32	30	0	
08 UNL 15				1007.4 N	9	41	38	33	0	
09 30 15				1006.4 NW	16	39	37	34	7	
10 UNL 15				1009.0 NW	16	36	34	30	0	
11 UNL 15				1011.0 NW	8	42	39	35	5	
12 80 15				1012.4 NE	8	38	35	32	8	
13 10 8	R-			1011.9 S	4	39	37	36	10	
14 10 15				1011.8 W	4	38	36	35	10	
15 30 10				1008.2 NW	7	36	34	31	10	
16 10 15				1009.1 N	4	38	36	32	10	
17 UNL 15				1008.4 SE	7	38	36	33	0	
18 UNL 15				1014.4 E	6	38	36	33	0	
19 3 1	1/2R-F			1005.9 NW	7	34	34	32	10	
20 UNL 15				1009.2 S	7	42	39	35	0	
21 UNL 15				1014.2 SW	7	40	38	35	3	
22 80 15				1015.4 NW	2	40	37	34	8	
23 UNL 15				1014.0 W	1	46	42	37	4	
24 30 15				1012.4 N	8	39	37	35	8	
25 8 4	F			1011.7 NE	4	40	39	38	10	
26 30 15				1013.4 SW	6	37	35	32	9	
27 UNL 15				1011.5 S	4	44	40	35	0	
28 UNL 15				1014.4 N	4	38	35	32	0	
29 UNL 15				1014.4 N	8	40	37	33	0	
30 UNL 15				1012.5 N	6	46	42	38	0	
31 UNL 15				1009.4 NW	12	42	38	33	5	
AVG				1009.7	7	39	37	34	5	

CLYDE NMT  
JULY 1970 0400 EST

01 UNL 15				1014.6 MNW	18	34	32	29	3	
02 30 12	R-			1011.4 CALM	37	34	30	10		
03 30 15				1004.8 CALM	35	33	30	10		
04 3 0				1001.7 CALM	34	34	34	10		
05 UNL 15				999.4 CALM	38	36	33	6		
06 10 4	F			1001.4 NE	7	32	31	30	10	
07 10 2	S-F			1007.4 NW	4	32	31	30	10	
08 UNL 2	F			1011.4 S	2	35	34	32	0	
09 UNL 15				1004.4 NW	11	34	32	29	5	
10 UNL 15				1003.7 NW	11	39	37	33	0	
11 UNL 15				1010.0 NW	9	36	34	30	0	
12 30 15				1013.2 N	5	36	34	31	9	
13 UNL 15				1013.0 CALM	32	30	27	1		
14 10 8	R-			1011.9 N						

## SYNOPTIC OBSERVATIONS

CLYDE

Date	Cloud (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (Inch)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
------	-----------------	--------------------	-----------------	---------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

CLYDE  
AUGUST 1970 NWT  
0100 EST

01 UNL 15	1008.5 SW	8	40	38	35	1
02 30 15	1009.1 N	7	38	36	33	10
03 30 15	1005.6 NW	7	36	34	32	10
04 UNL 15	1011.1 SE	4	35	33	30	0
05 30 15	1011.6 NW	9	36	34	32	10
06 30 15	1004.6 NW	14	36	34	32	10
07 30 12	R- 1007.6 CALM	38	36	34	10	
08 30 12	R- 1007.8 CALM	39	37	36	10	
09 30 15	1012.7 NW	12	36	34	31	0
10 UNL 15	1018.2 NW	7	37	35	32	10
11 UNL 15	1017.0 S	7	37	36	33	0
12 UNL 15	1013.4 N	2	38	36	34	0
13 30 15	1011.8 N	5	34	33	30	10
14 40 15	1004.9 N	7	32	31	32	8
15 UNL 15	999.4 CALM	31	30	28	0	
16 40 15	997.2 CALM	36	34	31	8	
17 30 15	1002.1 NW	6	35	33	30	10
18 2 1/8F	1009.4 CALM	37	37	37	10	
19 70 15	R- 1008.2 CALM	36	34	31	10	
20 30 15	998.2 S	11	32	31	29	10
21 20 12	R- 991.5 N	4	34	33	33	10
22 UNL 15	1012.9 S	10	37	35	32	0
23 UNL 15	1023.0 S	5	38	35	33	0
24 UNL 15	1026.5 NE	4	34	32	29	4
25 UNL 15	1/4F 1023.8 CALM	33	33	33	2	
26 UNL 15	1022.4 CALM	27	27	26	1	
27 20 12	R- 1016.0 N	6	33	33	32	10
28 UNL 15	1014.9 CALM	34	33	30	3	
29 UNL 15	1016.4 CALM	35	34	32	5	
30 3 1/4F	1017.8 NE	3	34	31	10	
31 1 1/8F	1021.9 NE	2	32	32	32	10
AVG	1011.1	5	35	34	32	6

CLYDE  
AUGUST 1970 NWT  
0400 EST

01 90 15	1007.9 S	6	38	36	33	8
02 30 15	1009.2 NW	9	36	34	32	9
03 30 15	1006.2 MNW	6	34	33	29	10
04 210 15	1011.4 SE	4	34	33	30	6
05 30 15	1011.6 NW	8	36	34	32	10
06 30 15	1004.6 MNW	20	36	34	32	10
07 30 15	1007.6 NW	4	38	36	34	10
08 20 12	R- 1008.2 NW	14	39	37	36	10
09 30 15	1013.0 NW	3	36	34	31	7
10 UNL 15	1018.5 NW	3	37	35	32	0
11 UNL 15	1016.0 S	5	37	36	33	0
12 UNL 15	1012.4 S	2	38	36	33	0
13 30 15	1010.2 W	5	36	35	32	6
14 40 15	1003.4 N	2	32	31	30	10
15 UNL 15	999.4 CALM	33	33	33	10	
16 210 15	997.0 CALM	35	33	31	9	
17 50 15	1002.6 CALM	35	33	30	8	
18 UNL 1	F 1009.8 CALM	29	29	28	5	
19 60 15	1007.2 CALM	34	33	30	9	
20 20 12	S- 996.1 E	11	32	31	29	10
21 2 1/8F	993.0 CALM	33	33	33	10	
22 UNL 15	1013.4 N	12	38	36	33	2
23 UNL 15	1024.4 CALM	32	31	30	0	
24 UNL 15	1026.5 E	1	32	30	27	0
25 UNL 15	1023.8 NE	2	32	31	29	0
26 UNL 2	R- 1022.2 CALM	27	27	26	8	
27 30 15	1016.0 N	3	36	35	33	9
28 UNL 15	1014.6 CALM	33	32	31	1	
29 40 15	1016.4 CALM	36	34	31	6	
30 2 1/4F	1017.8 NE	2	36	34	31	10
31 UNL 2	F 1021.0 NE	6	35	34	34	2
AVG	1011.0	4	35	33	31	6

Date	Cloud (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (Inch)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
------	-----------------	--------------------	-----------------	---------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

CLYDE  
AUGUST 1970 NWT  
0700 EST

01 80 15	1007.6 N	4	40	37	34	7
02 35 15	1009.2 N	4	38	36	33	9
03 30 15	1006.4 S	3	36	34	31	10
04 UNL 15	1011.4 S	2	35	34	31	8
05 30 15	1010.8 NW	14	36	34	31	10
06 30 15	1004.6 NW	20	36	35	32	10
07 25 15	1007.6 NW	2	38	36	34	10
08 30 6	F 1008.6 NW	9	39	37	36	10
09 30 15	1013.6 NW	9	38	36	32	10
10 UNL 15	1018.2 MNW	26	43	41	38	0
11 UNL 15	1016.2 MNW	5	39	37	34	0
12 40 15	1011.8 MNW	6	38	36	33	9
13 UNL 15	1009.4 W	5	33	32	29	0
14 30 2	F 1002.2 NW	6	32	32	31	10
15 UNL 15	1000.0 S	9	36	34	31	0
16 70 15	997.0 W	10	37	34	31	10
17 40 15	1005.6 N	1	38	36	33	10
18 UNL 1	1/4F 1010.4 CALM	6	34	34	33	9
19 30 15	1006.4 CALM	38	36	33	10	
20 5 2	S-F 993.4 E	3	34	33	33	10
21 UNL 15	995.9 S	12	42	40	37	5
22 UNL 15	1014.4 S	3	38	36	33	0
23 UNL 15	1025.8 CALM	36	34	31	0	
24 UNL 15	1026.0 E	2	36	34	31	0
25 UNL 15	1024.1 N	5	36	34	31	2
26 UNL 2	L-F 1020.9 CALM	32	32	31	8	
27 20 15	1015.8 N	6	34	32	30	8
28 UNL 15	1014.9 CALM	36	34	30	0	
29 50 15	1017.4 CALM	42	40	37	9	
30 5 12	1018.4 NE	5	32	34	32	10
31 UNL 15	1022.4 NE	2	38	36	32	0
AVG	1011.1	6	37	35	33	6

CLYDE  
AUGUST 1970 NWT  
1000 EST

01 40 15	1007.3 N	4	40	37	34	10
02 35 15	1009.2 N	3	39	37	34	9
03 30 15	1006.9 E	4	37	35	32	10
04 UNL 15	1011.4 SW	4	40	38	35	5
05 30 15	1009.5 NW	10	36	34	31	10
06 30 15	1005.4 NW	21	38	36	33	10
07 25 8	R- 1007.6 N	3	39	38	37	10
08 30 15	1009.9 NW	5	36	34	32	10
09 40 15	1014.4 NW	24	39	38	35	8
10 UNL 15	1018.0 MNW	30	43	41	38	0
11 UNL 15	1015.6 S	4	41	38	35	0
12 40 15	1011.3 NW	7	42	39	35	9
13 UNL 15	1008.4 N	2	36	34	31	2
14 UNL 15	1008.6 NW	9	34	32	29	3
15 UNL 15	997.9 S	9	36	34	31	2
16 70 15	998.0 NW	23	37	34	31	10
17 40 15	1004.4 N	2	39	36	33	10
18 UNL 10	1010.1 S	3	34	33	32	1
19 80 15	1005.4 CALM	39	37	34	10	
20 10 4	F 990.4 E	6	33	33	32	10
21 UNL 15	997.9 S	16	42	40	37	2
22 UNL 15	1014.6 S	4	42	40	37	0
23 UNL 15	1026.5 S	3	41	38	34	0
24 UNL 15	1025.4 N	2	40	38	35	0
25 UNL 15	1023.6 S	5	36	34	31	0
26 30 15	1019.8 N	7	36	34	31	7
27 30 15	1015.2 NW	9	38	36	33	10
28 UNL 15	1014.9 S	3	40	38	35	5
29 UNL 15	1017.4 CALM	47	44	41	1	
30 5 1	F 1018.6 NE	6	36	36	35	10
31 UNL 15	1022.4 S	9	43	39	32	0
AVG	1011.0	8	39	37	34	6

Date	Cloud (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (Inch)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (Amount)
------	-----------------	--------------------	-----------------	---------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

CLYDE  
AUGUST 1970 NWT  
1300 EST

01 UNL 15	1007.3 W	3	47	44	40	4
02 UNL 15	1009.0 N	9	41	38	33	4
03 15 15	1007.2 E	9	37	35	32	10
04 40 15	1011.4 NE	14	42	40	37	7
05 UNL 15	1008.4 NW	14	40	38	35	5
06 UNL 15	1006.0 NW	16	40	38	35	4
07 10 1	R-F 1007.6 N	3	39	38	37	10
08 40 15	1010.5 NW	8	41	39	38	10
09 40 15	1015.4 NW	16	39	38	35	8
10 UNL 15	1018.8 MNW	30	41	39	36	0
11 UNL 15	1014.9 NW	10	49	44	39	0
12 40 15	1010.4 NW	12	43	40	35	9
13 UNL 15	1007.7 N	2	40	37	34	0
14 30 15	999.0 NW	10	36	34	31	10
15 UNL 15	1000.4 S	7	40	37	34	0
16 50 15	999.2 NW	20	38	36	33	10
17 40 15	1005.4 N	5	40	38	35	10
18 UNL 15	1009.8 S	6	39	37	33	0
19 40 15	R- 1004.2 SW	8	44	42	38	10
20 30 5	R-F 989.2 E	7	35	34	34	10
21 UNL 15	1003.4 S	30	45	42	39	2
22 UNL 15	1015.5 S	6	45	43	41	0
23 UNL 15	1026.9 E	3	45	42	39	0
24 UNL 15	1024.5 N	4	44	40	35	0
25 UNL 15	1023.6 CALM	4	41	38	30	0
26 UNL 15	1018.6 S	4	40	37	33	1
27 30 15	1014.2 N	4	38	36	33	10
28 40 15	1015.8 S	7	42	40	37	8
29 UNL 15	1017.4 S	3	41	38	34	1
30 5 3	F 1018.4 S	2	47	36	34	10
31 UNL 15	1022.4 S	10	44	39	32	1
AVG	1011.1	9	41	39	35	5

CLYDE  
AUGUST 1970 NWT  
1600 EST

01 45 15	1007.3 W	4	46	44	41	8
02 UNL 15	1007.4 N	6	40	37	34	4
03 UNL 15	1009.8 SW	5	40	37	32	6
04 50 15	1012.0 NE	12	40	37	33	9
05 UNL 15	1007.4 NW	18	37	36	33	3
06 40 15	1006.4 NW	10	38	36	33	7
07 10 3	R-F 1007.6 N	3	39	38	37	10
08 40 15	1011.4 NW	12	38	36	33	10
09 UNL 15	1017.4 NW	17	41	39	36	4
10 UNL 15	1018.8 MNW	35	45	41	39	0
11 UNL 15	1014.8 NW	10	45	42	37	0
12 40 15	1011.3 NW	12	40	37	33	8
13 30 15	1007.7 NE	5	40	37	34	7
14 30 3	F 995.0 NW	6	35	34	32	10
15 40 15	1000.4 S	9	43	40	36	8
16 50 15	1000.9 NW	22	40	39	37	10
17 50 15	1007.0 E	5	40	38	35	10
18 UNL 15	1008.8 S	8	49	46	43	0
19 120 15	1003.1 E	8	42	39	35	9
20 30 15	988.8 S	2				

## SYNOPTIC OBSERVATIONS

CLYDE

Date	Calling (1000z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
------	-----------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	---------------------

CLYDE NMT  
SEPTEMBER 1970 0100 EST

01 UNL 15	8021.0	5	36	34	31	0				
02 UNL 15	1011.2	4	33	31	28	0				
03 30 15	1006.9	5	36	34	32	10				
04 15 15	1006.4	NW	7	32	30	26	10			
05 30 15	1013.9	NW	5	32	30	26	7			
06 UNL 15	1017.9	CALM	31	30	28	0				
07 210 15	1017.5	CALM	30	29	28	8				
08 30 15	1004.2	NE	8	32	31	29	10			
09 10 15	1001.4	NE	10	34	33	32	10			
10 30 15	1001.5	MNW	8	32	32	30	10			
11 UNL 15	1007.4	CALM	27	26	24	0				
12 20 15	1005.4	E	13	31	30	29	10			
13 5 3	994.7	MNW	6	32	31	31	10			
14 10 8	991.4	MNW	7	32	32	31	10			
15 30 15	997.5	N	8	31	31	29	10			
16 UNL 12	1000.2	CALM	33	32	31	4				
17 30 15	1000.9	MN	6	29	28	25	7			
18 10 3	1001.2	NW	3	33	32	32	10			
19 10 8	1005.6	MN	9	31	31	30	10			
20 20 10	1007.0	MN	3	31	30	29	10			
21 10 1	1011.9	MNW	11	30	30	28	10			
22 30 15	1018.4	N	12	30	30	27	10			
23 20 12	1010.9	NW	30	31	31	30	10			
24 15 10	1008.7	MN	32	29	29	27	10			
25 UNL 15	1011.1	W	6	26	25	23	0			
26 70 15	1011.5	MNW	6	28	28	27	8			
27 UNL 15	1004.8	CALM	22	23	19	0				
28 5	996.8	W	4	23	23	23	10			
29 10 12	995.2	MNW	16	28	28	27	10			
30 20 15	1002.7	W	6	25	25	23	10			

AVG 1006.2 8 30 30 28 8

CLYDE NMT  
SEPTEMBER 1970 0400 EST

01 UNL 15	1020.0	N	2	36	34	31	0			
02 UNL 15	1012.3	N	3	31	30	28	0			
03 30 15	1006.9	N	4	36	34	31	10			
04 30 15	1007.4	MN	9	34	33	30	10			
05 30 15	1014.4	MN	9	33	31	27	10			
06 UNL 15	1017.9	CALM	31	30	28	0				
07 UNL 15	1016.6	CALM	31	30	28	4				
08 10 12	1004.2	E	7	33	32	30	10			
09 10 2	1000.0	NE	9	33	33	32	10			
10 UNL 15	1002.4	CALM	31	30	29	1				
11 UNL 15	1007.6	CALM	26	25	23	0				
12 30 15	1004.2	E	11	31	30	29	10			
13 5 5	993.2	MN	7	32	31	31	10			
14 10 12	992.0	W	13	32	32	31	10			
15 10 12	998.1	N	2	31	31	30	10			
16 30 15	999.7	CALM	33	32	31	9				
17 30 15	1000.9	S	5	31	30	27	10			
18 10 15	1001.2	N	5	33	32	30	10			
19 10 15	1005.6	MN	7	30	29	28	10			
20 30 15	1007.0	MN	9	31	30	28	10			
21 15 1	1012.4	MN	23	30	29	28	10			
22 30 15	1018.8	N	7	30	30	27	10			
23 20 15	1009.4	MN	36	29	29	27	10			
24 6 1	1009.7	MN	34	28	28	27	10			
25 UNL 15	1010.2	W	5	27	27	25	0			
26 70 15	1011.5	MNW	6	26	26	24	10			
27 UNL 15	1003.6	CALM	21	21	19	0				
28 40 15	995.9	W	8	25	25	24	8			
29 10 12	996.5	W	13	28	28	27	10			
30 20 15	1003.2	W	4	26	25	24	10			

AVG 1006.1 8 30 30 28 7

Date	Calling (1000z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
------	-----------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	---------------------

CLYDE NMT  
SEPTEMBER 1970 0700 EST

01 UNL 15	1019.8	N	4	41	37	30	1			
02 UNL 15	1011.9	N	2	39	37	34	1			
03 30 15	1006.9	N	7	36	34	31	10			
04 10 4	1008.2	MN	10	36	36	35	10			
05 30 15	1015.4	MN	9	35	34	32	10			
06 UNL 15	1018.5	CALM	35	32	29	0				
07 UNL 15	1015.4	MN	4	32	30	27	3			
08 10 15	1003.9	E	6	33	32	31	10			
09 10 2	998.6	MN	7	33	32	30	10			
10 UNL 15	1002.7	S	7	34	32	29	0			
11 UNL 3	1008.0	S	5	34	34	33	0			
12 30 15	1002.9	E	6	31	30	29	10			
13 3	992.1	MN	12	32	32	31	10			
14 10 10	993.9	W	7	33	33	32	10			
15 15 12	998.5	NE	3	32	31	30	10			
16 40 15	999.2	CALM	34	33	31	9				
17 10 12	1000.9	W	3	29	29	27	10			
18 4 3	1002.5	MN	6	30	30	29	10			
19 120 15	1006.2	MN	8	32	31	31	8			
20 6 2	1008.2	MN	8	31	30	28	10			
21 10 12	1014.0	MN	16	31	31	29	10			
22 30 15	1015.7	N	6	31	31	30	10			
23 20 12	1008.7	MN	33	30	30	29	10			
24 6 1	1010.4	NW	32	29	28	24	10			
25 UNL 15	1010.6	W	2	30	29	28	2			
26 UNL 15	1011.4	MNW	4	28	28	26	3			
27 UNL 15	1002.4	MN	5	28	27	26	0			
28 30 15	995.4	W	7	24	24	21	8			
29 15 12	997.6	MNW	10	29	28	27	10			
30 UNL 15	1003.5	W	4	26	25	24	4			

AVG 1006.2 8 32 31 29 7

CLYDE NMT  
SEPTEMBER 1970 1000 EST

01 UNL 15	1018.9	ESE	11	47	39	30	1			
02 UNL 15	1011.0	N	3	41	39	36	1			
03 30 15	1005.7	NW	12	39	37	33	9			
04 30 15	1009.5	MN	18	37	35	33	9			
05 40 15	1018.5	NE	2	38	36	33	0			
06 UNL 15	1018.5	NE	2	38	36	33	0			
07 40 15	1013.1	E	6	36	34	32	8			
08 10 2	1003.9	E	11	34	33	32	10			
09 10 2	997.6	MN	9	35	34	33	10			
10 UNL 15	1003.1	S	5	37	34	30	0			
11 30 15	1007.6	W	5	30	29	27	8			
12 10 3	1000.9	NE	8	33	32	32	10			
13 2	990.4	MN	25	32	32	31	10			
14 25 10	994.6	MNW	7	36	35	33	9			
15 25 12	998.7	W	5	33	32	30	9			
16 UNL 15	999.5	CALM	36	35	32	4				
17 3	1000.9	CALM	30	30	30	10				
18 8 8	1002.5	MN	8	33	33	31	10			
19 30 15	1006.4	MNW	8	33	32	30	8			
20 10 12	1008.2	MNW	13	32	31	31	10			
21 30 15	1014.4	MN	22	31	31	29	9			
22 20 10	1018.4	NW	7	33	32	32	10			
23 5 1	1007.4	MN	30	31	30	30	10			
24 10 3	1010.4	MN	34	30	29	28	10			
25 UNL 15	1010.7	MN	5	31	31	29	5			
26 UNL 15	1011.0	CALM	29	29	27	2				
27 UNL 15	1001.4	E	4	29	28	27	0			
28 30 15	994.9	W	9	30	29	27	10			
29 15 12	998.6	MNW	14	29	29	27	10			
30 210 15	1003.5	W	3	29	28	26	8			

AVG 1005.9 10 34 33 31 7

Date	Calling (1000z)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
------	-----------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	---------------------

CLYDE NMT  
SEPTEMBER 1970 1300 EST

01 UNL 15	1017.9	S	12	50	43	34	0			
02 UNL 15	1010.1	CALM	45	40	34	2				
03 30 15	1005.0	MN	11	40	36	31	8			
04 30 15	1010.8	MN	16	37	35	31	9			
05 35 15	1016.5	MN	9	36	34	30	6			
06 UNL 15	1018.5	NE	3	38	36	33	0			
07 30 15	1011.4	E	9	38	36	33	10			
08 15 15	1003.4	E	7	36	35	33	10			
09 10 2	997.8	MN	18	36	35	34	10			
10 UNL 15	1005.1	S	9	40	38	35	0			
11 30 15	1006.9	E	3	34	33	31	9			
12 4	999.4	NE	5	33	32	32	10			
13 3	998.0	MN	18	33	32	31	10			
14 30 15	995.4	MNW	6	33	32	29	10			
15 30 15	995.3	N	5	34	32	30	10			
16 UNL 15	1000.2	NE	3	39	37	34	7			
17 4 6	1000.4	N	2	32	31	30	10			
18 5 4	1003.4	N	9	32	32	31	10			
19 30 15	1005.8	MN	18	34	32	29	8			
20 10 6	1008.2									

## SYNOPTIC OBSERVATIONS

CLYDE

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

CLYDE NWT  
OCTOBER 1970 0100 EST

01	10	6	S-	1004.4	E	3	27	27	25	10
02	30	15		1013.6	W	4	23	23	21	10
03	30	15		1017.6	NE	7	24	24	22	10
04	30	15		1016.1	S	6	27	26	25	10
05	30	15		1010.8	SE	7	28	27	26	10
06	70	15		1002.2	W	5	32	32	31	8
07	30	6	S-	1013.6	WNN	6	30	29	28	10
08	20	15		1016.4	E	16	25	24	22	10
09	15	2	BS	994.2	WNN	24	29	28	28	10
10	UNL	15		1019.6	S	7	24	24	22	0
11	70	15		1016.1	SE	8	24	24	22	7
12	30	15		988.9	NW	3	32	32	31	10
13	40	10	S-	995.4	S	4	31	31	30	10
14	30	15		1007.7	W	6	26	26	25	10
15	UNL	15		1014.0	CALM	14	14	11	0	
16	UNL	15		1014.1	W	7	19	18	16	0
17	UNL	15		1014.8	CALM	9	9	5	0	
18	UNL	15		1018.0	SE	5	14	14	10	0
19	15	1/25-BS		1018.9	E	22	27	26	26	10
20						22				
21	30	3	S-	1004.6	N	3	23	23	20	10
22	10	3	S-	1004.8	W	7	19	19	17	10
23	UNL	4	BS	1013.0	WNN	29	17	17	14	0
24	UNL	15		1023.0	W	6	15	15	12	0
25	UNL	15		1031.2	NE	4	11	11	7	0
26	UNL	15		1027.1	CALM	36	34	32	0	
27	80	15		1032.2	CALM	33	32	31	15	
28	30	15		1021.6	S	28	41	40	39	10
29	30	15		1022.8	NE	1	30	29	28	10
30	10	12	S-	1006.5	N	3	31	31	30	10
31	30	15		1015.6	NW	3	27	27	26	10
AVG				1013.3		8	25	25	23	7

CLYDE NWT  
OCTOBER 1970 0400 EST

01	30	15		1004.4	S	3	27	27	25	10
02	30	15		1016.0	S	2	24	24	21	10
03	30	15		1016.2	SE	5	22	22	20	10
04	30	15		1016.3	SE	5	28	28	26	6
05	30	6	S-	1008.8	SE	20	28	27	26	10
06	UNL	15		1002.2	CALM	27	27	25	0	
07	30	15		1014.6	WNN	7	30	29	28	10
08	15	15		1014.4	NE	14	25	24	22	10
09	15	3	BS	997.6	WNN	24	27	27	25	10
10	UNL	15		1019.6	SE	3	24	23	21	0
11	30	8	S-	1013.2	SE	12	24	24	22	10
12	20	15		988.4	SE	17	33	32	32	10
13	30	15		997.0	S	22	32	32	31	10
14	60	15		1008.9	W	10	14	23	22	6
15	UNL	15		1014.2	E	10	15	15	12	4
16	20	4	S-	1013.6	WNN	6	21	20	18	10
17	UNL	15		1015.2	NE	3	10	10	6	0
18	30	15		1019.0	SE	6	14	14	10	6
19	15	3	S-	1017.0	E	11	27	26	26	10
20						11				
21						11				
22	1	1/4BS		1005.7	WNN	42	19	19	17	10
23	UNL	2	BS	1014.4	WNN	39	16	16	13	0
24	UNL	15		1024.1	W	10	15	14	12	0
25	UNL	15		1031.6	CALM	14	14	10	0	
26	30	15		1026.8	S	16	36	35	33	10
27	80	15		1033.6	CALM	33	32	31	10	
28	30	15		1020.8	S	18	37	36	35	10
29	30	15		1022.8	CALM	30	29	27	10	
30	10	8	S-	1006.7	SH	1	30	30	29	10
31	30	15		1014.4	S	17	27	27	25	10
AVG				1013.7		11	25	24	22	7

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

CLYDE NWT  
OCTOBER 1970 0700 EST

01	30	15		1004.4	SE	2	28	28	26	7
02	33	15		1017.6	W	5	29	28	27	10
03	30	15		1015.2	NE	5	24	24	22	10
04	210	15		1016.3	WNN	5	29	28	26	6
05	30	6	S-	1008.0	SE	12	29	29	27	0
06	UNL	15		1004.2	E	7	28	27	26	5
07	30	15		1015.9	W	5	31	30	28	10
08	10	5/RS-F		1008.8	NE	21	29	29	28	10
09	15	B		1001.7	WNN	22	26	26	25	10
10	UNL	15		1020.6	S	5	25	25	24	3
11	10	8	S-	1010.0	ESE	18	27	27	26	10
12	30	15		989.4	SE	20	30	30	28	10
13	30	15		998.2	N	9	32	32	31	10
14	30	15		1009.8	W	7	24	24	22	10
15	UNL	15		1014.6	SE	4	15	15	12	0
16	20	15		1013.6	WNN	2	21	20	18	10
17	UNL	15		1015.4	NE	2	8	8	5	0
18	30	15		1019.4	SE	12	15	14	10	10
19	15	12		1014.4	NE	12	27	27	26	10
20	10	12		997.6	WNN	20	23	23	21	10
21	5	1	S-	1005.2	NW	2	23	23	22	10
22	1	1/4BS		1009.1	W	38	20	20	18	10
23	10	2	BS	1015.4	WNN	37	17	17	14	0
24	UNL	15		1026.7	SW	7	14	14	10	0
25	UNL	15		1031.9	NE	5	15	15	11	0
26	30	15		1026.5	S	10	33	32	29	7
27	80	15		1033.9	S	3	33	33	31	10
28	30	15		1020.1	N	5	37	36	36	10
29	30	15		1021.2	SE	6	30	29	28	10
30	30	6	BS	1006.9	WNN	20	28	28	26	10
31	UNL	15		1012.7	S	6	26	25	23	4
AVG				1013.1		11	25	25	23	8

CLYDE NWT  
OCTOBER 1970 1000 EST

01	40	15		1005.4	WNN	4	30	30	28	7
02	35	15		1018.4	S	4	30	29	27	10
03	30	15		1015.2	S	10	35	33	30	10
04	70	15		1016.6	N	3	33	33	30	9
05	UNL	12		1003.4	E	5	32	31	29	4
06	30	15		1005.2	N	5	31	30	29	9
07	20	15		1018.6	WNN	7	31	30	30	10
08	5	1	S-	1005.0	E	12	30	29	28	10
09	UNL	15		1006.1	NW	17	26	25	21	2
10	UNL	15		1020.6	S	3	29	29	28	0
11						3				
12	30	15		990.4	SE	18	30	30	28	10
13	30	15		1000.6	N	6	31	31	29	10
14	30	15		1010.9	W	5	27	26	24	6
15	UNL	15		1014.6	W	5	19	18	16	2
16	40	15		1013.6	S	5	19	19	16	6
17	UNL	15		1015.4	CALM	13	13	8	5	
18	10	15		1020.8	SE	20	15	15	12	10
19	10	12	S-	1009.2	N	9	28	28	27	10
20	20	12		1000.6	WNN	17	23	22	21	9
21	UNL	2	F	1005.2	WNN	5	22	22	20	10
22	10	8		1009.4	W	17	21	21	20	10
23	10	2	BS	1016.2	WNN	42	17	17	15	10
24	UNL	15		1028.3	W	7	16	16	12	0
25	UNL	15		1032.3	NE	2	16	16	16	0
26	40	15		1024.4	S	23	43	41	37	9
27	UNL	15		1033.9	NE	7	34	33	31	3
28	30	15		1021.1	WNN	7	35	34	34	10
29	30	15		1018.9	S	4	32	32	30	8
30	15	15		1008.9	WNN	19	27	27	24	10
31	30	15		1011.6	N	4	28	28	25	6
AVG				1013.4		10	27	26	24	7

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

CLYDE NWT  
OCTOBER 1970 1300 EST

01	UNL	15		1006.5	WNN	6	32	31	29	3
02	UNL	15		1019.2	SE	6	28	27	24	8
03	30	15		1016.2	NE	6	34	32	30	10
04	UNL	15		1016.6	E	4	34	33	30	7
05	30	12		1002.4	S	6	33	32	30	10
06	20	12		1006.4	WNN	15	32	32	31	10
07	15	15		1019.4	WNN	6	27	27	26	10
08	5	1	S-	1000.6	ENE	9	26	26	25	10
09	40	15		1010.4	NW	13	27	26	24	8
10	UNL	15		1020.6	S	5	31	30	29	0
11						5				
12	30	15		991.2	SE	12	32	31	30	10
13	10	5	S-	1002.0	NW	7	30	30	29	10
14	UNL	15		1011.8	W	5	21	20	18	

## SYNOPTIC OBSERVATIONS

CLYDE

Date	Clouds (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-----------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

CLYDE NMT  
NOVEMBER 1970 0100 EST

01 10 4	S-	1014.5	MNW	14	28	28	26	10		
02 UNL 15		1016.4	MNW	9	19	19	16	0		
03 30 15		999.4	MNW	7	20	20	17	0		
04 30 15		1000.9	MNW	9	16	16	13	0		
05 10 2	BS	1001.9	MNW	38	13	13	9	10		
06 20 6	BS	999.9	MNW	22	13	13	11	0		
07 30 10		996.6	MNW	9	20	20	18	0		
08 20 15		1004.0	N	4	8	8	6	10		
09 10 8	S-	1007.4	MNW	7	11	11	9	10		
10 80 15		1011.1	NE	3	8	9	6	9		
11 30 15		1013.9	N	6	4	4	2	8		
12 10 2	1/2BS	1006.4	N	32	6	6	4	10		
13 UNL 15		1015.4	S	5	8	8	5	0		
14 UNL 15		1011.6	CALM	5	5	2	10			
15 20 15	S-	1012.4	MNW	7	6	6	4	10		
16 30 10		1018.4	MNW	13	1	1	3	10		
17 100 15		1016.8	E	5	-6	-6	-9	10		
18 UNL 15		1010.5	N	3	-6	-5	-7	0		
19 3										
20 100 15		1004.5	SE	23	17	17	14	10		
21 100 12		1013.9	N	8	1	-1	-2	10		
22 UNL 15		1025.6	CALM	-7	-7	-10	0			
23 10 8	S-	1024.2	N	4	1	-4	10			
24 10 2	S-	1014.6	MN	14	-1	-1	-2	10		
25 20 15		978.1	CALM	3	3	0	10			
26 UNL 10		1000.8	N	5	10	10	7	6		
27 UNL 15		1025.2	CALM	6	6	2	0			
28 120 15		997.2	E	2	5	5	4	10		
29 70 15		994.3	W	23	11	11	10	10		
30 UNL 15		1008.3	S	1	-7	-6	-10	0		

AVG 1008.4 9 7 7 5 8

CLYDE NMT  
NOVEMBER 1970 0400 EST

01 10 2	S-	1016.0	MNW	17	30	30	29	10		
02 UNL 15		1015.0	MNW	12	19	18	16	0		
03 20 15		1000.8	W	5	24	24	22	10		
04 30 6	BS	1001.2	MNW	18	16	16	13	10		
05 30 1	BS	1001.8	MNW	35	13	13	9	10		
06 20 6	BS	1000.4	MNW	23	20	19	18	10		
07 30 2	BS	996.4	MNW	25	21	21	19	10		
08 30 15		1005.5	CALM	9	9	6	10			
09 10 12	S-	1007.4	W	4	10	11	8	10		
10 30 12	S-	1012.4	CALM	9	9	7	8			
11 30 19		1013.9	MN	4	7	7	5	8		
12 UNL 2	BS	1006.7	W	36	6	6	4	2		
13 UNL 15		1015.4	SE	7	10	10	7	2		
14 UNL 15		1010.9	W	6	5	2	6			
15 30 6	S-	1013.8	MNW	5	6	6	4	10		
16 UNL 15		1018.8	MNW	5	0	0	5	5		
17 100 15		1016.2	NE	7	-6	-6	-9	10		
18 UNL 15		1010.0	N	4	-6	-6	-9	0		
19 4										
20 100 15		1003.6	S	10	18	18	15	10		
21 100 15		1016.8	N	8	0	0	-2	10		
22 UNL 15		1025.6	CALM	-2	-2	-5	0			
23 10 15	S-	1024.2	NW	5	1	-3	10			
24 10 2	S-	1011.7	MN	16	0	1	-1	10		
25 UNL 15		979.8	N	10	4	5	3	6		
26 UNL 15		1007.5	CALM	0	0	-2	7			
27 10 6	S-	1022.9	W	12	10	10	7	10		
28 UNL 12	IC	995.6	CALM	0	0	0	6			
29 70 10		994.8	SW	24	9	9	6	10		
30 70 15		1009.7	N	4	-2	-2	-5	10		

AVG 1008.7 10 8 8 5 8

Date	Clouds (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-----------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

CLYDE NMT  
NOVEMBER 1970 0700 EST

01 10 5	S-	1017.7	MNW	16	30	29	28	10		
02 UNL 15		1013.5	W	12	17	17	14	3		
03 20 15		1002.7	MNW	12	21	21	19	10		
04 20 5	BS	1001.2	MN	21	13	13	11	0		
05 10 2	BS	1001.6	MNW	32	13	13	11	10		
06 10 4	BS	1000.6	MNW	26	20	20	18	10		
07 30 2	BS	996.4	MNW	36	22	22	21	10		
08 30 15		1006.5	N	2	10	10	7	10		
09 20 6	S-	1007.4	W	6	8	8	5	10		
10 30 15		1012.4	E	5	8	8	5	7		
11 20 4	S-	1013.4	W	5	6	6	3	10		
12 20 2	BS	1007.3	W	23	6	6	4	10		
13 UNL 15		1016.0	SE	7	5	2	3			
14 UNL 15		1010.1	N	3	6	6	3	8		
15 40 10		1015.4	MNW	9	4	4	1	10		
16 UNL 15		1019.0	W	4	0	1	-2	3		
17 100 15		1015.5	NE	3	-2	-2	-5	10		
18 UNL 15		1009.8	S	3	-13	-13	-17	0		
19 30 15		1007.3	SE	18	15	15	12	10		
20 10 2	BS	1001.2	SE	24	15	15	12	10		
21 30 15		1018.4	SE	6	-4	-4	-7	10		
22 30 8		1026.4	NE	3	0	0	-2	10		
23 15 6	S-	1023.4	N	2	0	0	-3	10		
24 10 2	S-	1008.4	MN	13	0	0	-2	10		
25 30 15		982.2	S	16	12	12	10	10		
26 UNL 15		1005.9	MN	2	-1	-1	0			
27 10 4	S-	1018.5	NE	10	14	14	12	10		
28 30 12		995.4	S	12	13	14	12	10		
29 70 15		995.9	SW	20	5	5	3	10		
30 70 6	S-	1010.9	N	2	-3	-3	-4	10		

AVG 1008.7 12 8 8 6 9

CLYDE NMT  
NOVEMBER 1970 1000 EST

01 5 1	BS	1019.2	MNW	26	28	28	27	10		
02 UNL 15		1012.0	W	12	16	16	13	0		
03 10 8	S-	1003.9	MNW	13	17	17	15	10		
04 10 2	BS	1000.8	MNW	20	14	14	13	10		
05 4	1/2BS	1000.4	MNW	34	14	14	12	10		
06 2	BS	1000.6	W	21	21	21	19	10		
07 3	1/2BS	996.8	MNW	48	22	22	21	10		
08 20 6	S-	1007.6	NE	6	11	11	9	10		
09 UNL 15		1007.6	MNW	7	8	9	6	3		
10 20 4	S-	1013.0	MNW	5	9	9	7	10		
11 20 4	S-	1013.0	W	9	6	6	3	10		
12 20 4	S-	1010.0	W	17	5	5	4	10		
13 UNL 15		1016.2	W	4	3	3	0	7		
14 4	1/4IF	1010.1	MNW	4	5	5	3	10		
15 20 8	S-	1015.9	MNW	12	4	4	1	10		
16 UNL 15		1019.2	SW	5	-2	-2	-5	5		
17 UNL 15		1014.5	CALM	-3	-3	-6	6			
18 UNL 15		1009.6	CALM	2	2	-1	2			
19 120 15		1007.8	NE	6	16	16	13	9		
20 UNL 12		999.6	SE	20	16	16	13	2		
21 UNL 15		1019.5	SE	2	-6	-6	-9	0		
22 15 4	S-	1025.5	NE	4	0	0	-2	10		
23 10 10	S-	1022.5	MN	8	0	0	-2	10		
24 8	1/2S-BS	1003.6	MN	22	-1	-1	-2	10		
25 UNL 15		987.8	S	17	20	20	18	3		
26 UNL 15		1015.0	S	5	1	1	0			
27 10 6	S-	999.6	SE	9	19	19	18	10		
28 80 10		995.2	S	14	15	16	14	9		
29 70 15		998.4	S	10	4	4	2	8		
30 5 1	S-	1011.8	CALM	-6	-5	-7	10			

AVG 1009.0 12 9 9 7 8

Date	Clouds (100% R)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-----------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

CLYDE NMT  
NOVEMBER 1970 1300 EST

01 10 2	BS	1019.1	MNW	18	25	24	24	10		
02 UNL 15		1009.4	W	10	17	16	13	0		
03 10 8	S-	1004.1	MN	12	15	15	13	9		
04 10 3	BS	1001.2	MN	18	13	13	11	10		
05 2	1/8BS	999.2	MNW	40	14	14	13	10		
06 5	6 BS	1000.0	MNW	18	20	20	18	10		
07 3	1/2S-BS	997.8	MNW	41	17	17	15	10		
08 41										
09 UNL 15		1008.4	E	7	3	3	0	3		
10 20 6	S-	1012.4	N	7	9	9	7	10		
11 20 1	BS	1012.6	W	23	8	8	6	10		
12 20 2	S-	1011.6	W	9	7	7	5	10		
13 UNL 15		1015.9	N	4	2	2	-1	0		
14 10 2	S-F	1010.1	MN	4	5	5	3	10		
15 10 6	S-	1016.7	MNW	9	4	5	2	10		
16 UNL 15		1019.2	W	4	-2	-2	-4	2		
17 210 15		1014.4	N	3	-3	-3	-6	8		
18 UNL 15		1009.6	CALM	-2	-2	-5	6			
19 100 15		1007.8	SE	12	19	19	16	8		
20 UNL 15		1001.7	SE	10	16	16	13	1		
21 UNL 15		1021.4	NW	2	-7	-7	-10	0		
22 10 4	S-	1025.4	NE	12	0	0	-3	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)	Sky Cover (tenths)
------	----------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

CLYDE  
DECEMBER 1970 0100 EST

01 40 10				1010.0	NW	16	-6	-6	-12	10
02 30 4	S-			1007.7	NW	14	-5	-5	-11	10
03 UNL 15				1006.5	NE	1	-17	-17	-21	0
04 UNL 15				1016.2	CALM		-28	-28	-34	0
05 UNL 15				1019.2	S	3	-24	-24	-36	0
06 UNL 15				1020.8	CALM		-25	-25	-33	0
07 UNL 15				1009.0	NW	6	-18	-18	-23	0
08 UNL 15				1004.0	CALM		-22	-22	-31	0
09 UNL 15				1008.1	CALM		-27	-27	-35	0
10 UNL 15				1021.6	CALM		-20	-20	-25	0
11 UNL 15	IC			1028.4	CALM		-24	-24	-30	0
12 UNL 15				1031.6	CALM		-26	-26	-30	0
13 UNL 15				1031.5	CALM		-31	-31	-35	0
14 UNL 15				1019.4	E	2	-18	-18	-23	0
15 UNL 15				1003.4	CALM		-19	-19	-26	0
16 UNL 15				1005.2	S	2	-22	-22	-29	0
17 UNL 15				1011.5	CALM		-25	-25	-29	0
18 UNL 15				1015.9	CALM		-30	-30	-41	0
19 UNL 15				1016.0	CALM		-28	-28	-32	0
20 120 15				1018.5	CALM		-20	-20	-25	10
21 UNL 15				1012.0	CALM		-21	-21	-26	0
22 30 8	S-			1013.2	NW	20	-14	-14	-18	10
23 30 12	S-			997.8	NW	10	-10	-10	-14	10
24 40 15				1003.3	CALM		-8	-8	-12	8
25 30 15				1001.2	SW	9	-1	-1	-3	10
26 80 15				1028.6	NW	10	-11	-11	-16	8
27 UNL 15				1028.9	E	5	-9	-9	-13	0
28 10 15				1029.9	CALM		5	5	2	10
29 10 4	S-			1008.4	NW	9	4	4	0	10
30 UNL 15				1004.9	CALM		11	11	8	4
31 UNL 15				1008.7	NW	12	7	7	4	0
AVG				1014.2		4	-16	-16	-21	3

CLYDE  
DECEMBER 1970 0400 EST

01 30 6	BS			1009.2	NW	16	-5	-5	-11	10
02 30 4	S-			1007.9	NW	6	-5	-5	-11	10
03 UNL 15				1007.4	S	9	-17	-17	-21	0
04 UNL 15				1016.7	CALM		-28	-28	-34	0
05 UNL 15				1018.6	W	1	-24	-24	-36	0
06 UNL 15				1021.1	CALM		-28	-28	-31	0
07 UNL 15				1006.4	NW	10	-17	-17	-22	4
08 UNL 15				1005.3	CALM		-22	-22	-31	0
09 UNL 15				1009.1	CALM		-27	-27	-35	0
10 UNL 15				1023.2	CALM		-19	-19	-22	0
11 UNL 15				1029.6	CALM		-24	-24	-30	0
12 UNL 15				1032.2	CALM		-26	-26	-30	0
13 UNL 15				1031.0	CALM		-31	-31	-35	0
14 UNL 15				1018.2	CALM		-16	-16	-21	0
15 UNL 15				1014.6	CALM		-20	-20	-27	0
16 UNL 15				1005.4	CALM		-22	-22	-29	0
17 UNL 15				1012.9	CALM		-26	-26	-32	0
18 UNL 15				1015.7	CALM		-25	-25	-29	0
19 UNL 15				1016.0	CALM		-30	-30	-41	0
20 120 15				1019.2	CALM		-22	-22	-27	10
21 UNL 15				1014.0	CALM		-21	-21	-26	0
22 5	1/2BS			1011.0	NW	38	-13	-13	-16	10
23 40 12	S-			997.1	NW	3	-22	-22	-29	0
24 40 15				1002.2	NW	4	-5	-5	-8	10
25 UNL 15				1005.2	S	12	-10	-10	-16	3
26 80 15				1029.6	NE	4	-6	-6	-10	8
27 UNL 15				1028.6	SW	17	-8	-9	-13	0
28 30 15				1026.8	NW	2	6	6	3	10
29 30 15				1009.7	E	5	0	1	-3	10
30 120 15				1005.6	N	3	12	12	8	7
31 UNL 15				1011.9	N	2	4	4	0	0
AVG				1014.5		4	-16	-16	-21	3

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)	Sky Cover (tenths)
------	----------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

CLYDE  
DECEMBER 1970 0700 EST

01 20 3	BS			1008.4	NW	28	-5	-5	-10	10
02 40 12	S-			1007.9	NW	8	-8	-8	-13	10
03 UNL 15				1009.0	CALM		-23	-23	-30	0
04 UNL 15				1018.7	CALM		-23	-23	-30	0
05 UNL 15				1019.4	S	6	-26	-26	-32	0
06 UNL 15				1020.4	CALM		-25	-25	-31	0
07 UNL 15				1003.4	NW	9	-17	-17	-22	0
08 UNL 15				1007.4	SW	3	-22	-22	-29	0
09 UNL 15				1010.7	N	3	-27	-27	-35	0
10 UNL 15				1023.9	CALM		-19	-19	-23	0
11 UNL 15				1030.0	CALM		-25	-25	-33	0
12 UNL 15				1032.2	CALM		-26	-26	-30	0
13 UNL 15				1030.4	CALM		-24	-24	-30	0
14 UNL 15				1017.2	CALM		-19	-19	-24	0
15 120 15				1002.1	W	4	-17	-17	-22	6
16 UNL 15				1007.2	CALM		-17	-17	-22	8
17 UNL 15				1013.9	CALM		-26	-26	-32	0
18 UNL 15				1016.0	CALM		-28	-28	-32	0
19 UNL 15				1016.2	CALM		-28	-28	-34	0
20 UNL 15				1018.7	CALM		-28	-28	-32	0
21 UNL 15				1014.6	N	3	-20	-20	-24	0
22 4	1/2BS			1008.9	NW	35	-13	-13	-16	10
23 UNL 15				997.8	NW	2	-10	-10	-14	4
24 30 2	S-			1001.0	NW	14	-7	-7	-11	10
25 UNL 15				1007.8	S	3	-10	-10	-16	0
26 80 15				1029.6	S	12	-1	-1	-4	8
27 UNL 15				1030.6	S	4	10	10	7	0
28 20 4	S-			1029.0	NW	3	7	7	3	10
29 20 15				1011.0	NW	8	0	1	-3	10
30 120 15				1006.0	E	8	11	11	7	9
31 UNL 15				1015.0	E	3	2	2	-3	0
AVG				1014.8		5	-15	-15	-20	3

CLYDE  
DECEMBER 1970 1000 EST

01 5	1/2BS			1007.6	NW	24	-5	-5	-11	10
02 UNL 15				1008.2	CALM		-11	-11	-19	0
03 UNL 15				1010.8	CALM		-23	-23	-30	0
04 UNL 15				1019.4	CALM		-23	-23	-30	0
05 UNL 15				1019.5	S	2	-23	-24	-30	0
06 UNL 15				1019.6	CALM		-24	-24	-32	0
07 UNL 15				1000.4	W	11	-17	-17	-22	5
08 UNL 15				1007.6	SW	1	-24	-24	-30	0
09 UNL 15				1013.4	SE	2	-24	-24	-32	0
10 UNL 15				1024.7	CALM		-21	-21	-26	0
11 UNL 15				1030.0	CALM		-25	-25	-33	0
12 UNL 15				1032.6	CALM		-27	-27	-33	0
13 UNL 15				1029.2	CALM		-25	-25	-31	0
14 UNL 15				1015.2	CALM		-12	-12	-18	0
15 UNL 15				1022.6	CALM		-4	-4	-10	6
16 UNL 15				1007.9	CALM		-22	-22	-27	0
17 UNL 15				1015.4	CALM		-26	-26	-32	0
18 UNL 15				1016.0	CALM		-28	-28	-32	0
19 UNL 15				1017.1	CALM		-28	-28	-34	4
20 UNL 15				1018.0	CALM		-28	-28	-32	0
21 UNL 15				1015.0	N	3	-21	-21	-26	0
22 2	3/8BS			1005.9	NW	44	-13	-13	-16	10
23 70 15				999.8	SW	5	-10	-10	-14	6
24 20 4	S-			1001.4	NW	11	-8	-8	-11	10
25 UNL 2	BS			1012.6	S	20	0	0	-12	0
26 70 15				1029.6	S	10	0	0	-3	10
27 80 15				1032.5	NW	4	8	8	5	9
28 10 3	S-			1018.4	NW	12	6	6	4	10
29 20 15				1007.9	N	3	6	6	3	10
30 80 15				1006.4	NW	2	17	17	14	9
31 UNL 15				1017.2	CALM		-6	-6	-13	0
AVG				1014.9		5	-15	-15	-20	3

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)	Sky Cover (tenths)
------	----------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

CLYDE  
DECEMBER 1970 1300 EST

01 5	1/2BS			1007.2	NW	32	-5	-5	-11	10
02 UNL 15				1007.9	NW	3	-12	-13	-19	0
03 UNL 15				1011.6	CALM		-24	-25	-34	0
04 UNL 15				1019.4	CALM		-23	-23	-32	0
05 UNL 15				1019.4	E	4	-24	-24	-36	0
06 UNL 15				1018.8	N	3	-24	-24	-32	0
07 UNL 15				1000.4	SE	2	-20	-20	-27	3
08 UNL 15				1007.2	SW	2	-25	-25	-33	0
09 80 12				1015.5	S	3	-20	-20	-27	9
10 UNL 15				1025.4	CALM		-21	-21	-26	0
11 UNL 15				1030.1	CALM		-24	-24	-30	0
12 UNL 15				1032.6	CALM		-26	-26	-32	0
13 UNL 15				1026.9	CALM		-24	-24	-30	0
14 UNL 15				1013.1	CALM		-17	-17	-22	0
15 UNL 15				1003.7	CALM		-8	-8	-13	4
16 UNL 15				1008.4	CALM		-24	-24	-28	0
17 UNL 15				1015.2						

## SYNOPTIC OBSERVATIONS

SUREKA

Date	Cloud (100%)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Deer Point (°F)	Sky Cover (tenths)
------	--------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	-----------------	--------------------

EUREKA NMT  
JULY 1970 0100 EST

01 80 15	1017.1 W	4	35	33	32	9				
02 25 15	1013.8 NW	6	37	34	31	6				
03 40 15	1003.8 W	9	34	33	32	9				
04 30 15	997.3 WNW	13	35	34	34	10				
05 30 15	998.1 ESE	8	37	36	34	10				
06 180 15	1003.6 SSE	12	38	35	32	9				
07 80 15	1003.1 SE	15	38	35	32	10				
08 30 15	1007.4 W	5	40	37	34	10				
09 80 15	1008.6 WNW	10	38	35	32	9				
10 180 15	1003.0 SE	14	42	40	36	8				
11 80 15	1010.6 WNW	22	39	34	26	8				
12 UNL 15	1016.9 WNW	14	49	42	33	5				
13 UNL 15	1015.6 NW	10	43	40	36	7				
14 UNL 15	1014.6 W	13	42	39	36	7				
15 150 15	1014.2 WNW	15	37	35	32	7				
16 UNL 15	1008.8 W	20	39	35	29	6				
17 200 15	1010.7 WNW	10	35	33	31	9				
18 UNL 15	1013.4 WNW	10	36	34	32	4				
19 UNL 15	1017.3 WNW	10	42	37	31	1				
20 UNL 15	1018.0 W	11	53	44	34	1				
21 UNL 15	1014.1 N	14	52	44	36	4				
22 60 15	1014.7 W	5	40	37	33	8				
23 35 15	1016.5 CALM	4	40	38	35	9				
24 80 15	1014.4 WNW	9	41	38	33	8				
25 30 10	1008.8 WNW	10	38	37	31	10				
26 25 15	1002.1 E	10	37	35	32	10				
27 40 15	1007.6 SE	12	38	36	35	10				
28 35 15	1010.7 ESE	8	41	38	34	10				
29 100 15	1011.9 CALM	4	39	34	8					
30 UNL 15	1016.8 WNW	8	40	38	33	9				
31 UNL 15	1015.5 NW	7	41	38	35	2				
AVG	1010.6	10	40	37	33	8				

EUREKA NMT  
JULY 1970 0400 EST

01 35 15	1017.1 CALM	35	32	29	9					
02 25 15	1013.0 NW	6	36	33	31	6				
03 30 15	1002.8 W	6	35	33	31	7				
04 30 15	997.0 WNW	10	35	34	34	10				
05 25 15	999.5 SE	8	37	35	33	10				
06 70 15	1003.9 SE	12	37	35	32	10				
07 30 15	1003.3 ESE	15	37	35	32	9				
08 25 15	1008.4 WNW	9	38	36	33	10				
09 70 15	1007.5 CALM	4	40	36	32	10				
10 120 15	1002.8 SE	7	41	39	36	10				
11 80 15	1012.6 W	20	36	33	28	8				
12 UNL 15	1017.4 W	10	42	37	30	5				
13 UNL 15	1015.1 WNW	11	44	40	37	7				
14 UNL 15	1014.9 W	14	38	36	34	5				
15 80 15	1013.6 W	17	37	35	32	9				
16 UNL 15	1008.5 W	17	38	35	31	10				
17 80 15	1012.2 WNW	10	37	34	30	10				
18 70 15	1013.2 W	12	37	35	32	9				
19 UNL 15	1019.2 W	5	40	36	31	3				
20 UNL 15	1017.3 NNE	32	51	43	33	1				
21 UNL 15	1014.7 NNE	10	48	41	33	5				
22 60 15	1015.1 CALM	4	41	38	33	9				
23 80 15	1017.2 E	13	45	42	39	9				
24 80 15	1014.1 WNW	12	43	40	36	9				
25 30 15	1007.7 WNW	9	37	37	36	10				
26 25 10	1002.3 ESE	14	40	36	32	10				
27 40 15	1008.8 ESE	8	39	37	35	10				
28 35 15	1010.6 ESE	6	42	39	36	8				
29 120 15	1013.1 WNW	2	41	38	34	9				
30 UNL 15	1017.5 WNW	8	41	38	34	8				
31 UNL 15	1014.8 WNW	11	39	37	34	3				
AVG	1010.8	10	40	37	33	8				

Date	Cloud (100%)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Deer Point (°F)	Sky Cover (tenths)
------	--------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	-----------------	--------------------

EUREKA NMT  
JULY 1970 0700 EST

01 30 15	1016.8 NE	3	36	34	32	10				
02 UNL 15	1011.8 W	6	37	34	30	3				
03 40 15	1002.4 WNW	7	35	34	33	9				
04 60 15	996.8 WNW	7	34	34	33	10				
05 40 15	1000.8 SE	11	38	37	34	9				
06 200 15	1004.2 SSE	14	37	35	31	10				
07 UNL 15	1003.4 ESE	15	39	36	33	7				
08 18 15	1009.0 WNW	8	37	35	32	9				
09 70 15	1006.1 WNW	2	37	35	32	9				
10 40 15	1003.2 ESE	10	44	43	41	10				
11 UNL 15	1012.8 WNW	15	38	34	28	4				
12 UNL 15	1017.0 W	7	43	39	33	5				
13 UNL 15	1014.9 WNW	11	45	41	37	5				
14 UNL 15	1016.0 W	20	37	35	33	3				
15 80 15	1013.4 W	15	37	35	32	6				
16 UNL 15	1008.3 WNW	15	38	35	29	8				
17 15 15	1012.9 W	15	35	33	30	9				
18 70 15	1013.1 WNW	9	38	35	32	9				
19 UNL 15	1020.7 WNW	10	38	35	32	2				
20 UNL 15	1017.0 N	20	50	42	34	1				
21 UNL 15	1014.5 N	15	51	43	33	3				
22 70 15	1015.9 CALM	38	36	33	10					
23 80 15	1017.7 ESE	9	47	43	38	9				
24 UNL 15	1014.1 WNW	10	42	39	35	3				
25 30 15	1008.8 SE	4	37	36	35	10				
26 180 10	1003.2 SE	14	37	35	33	9				
27 40 15	1009.4 SE	10	42	40	37	9				
28 80 15	1010.7 CALM	49	45	40	7					
29 70 15	1014.1 W	3	42	39	35	10				
30 UNL 15	1017.3 W	15	40	38	35	5				
31 UNL 15	1014.4 WNW	7	40	38	35	4				
AVG	1011.0	10	40	37	34	7				

EUREKA NMT  
JULY 1970 1000 EST

01 35 15	1016.0 SW	2	38	36	35	10				
02 UNL 15	1010.5 WNW	8	38	35	31	3				
03 40 15	1001.3 WNW	4	35	34	33	9				
04 60 15	995.9 WNW	7	34	34	33	10				
05 50 15	1001.0 SSE	12	39	36	33	9				
06 200 15	1004.2 SSE	12	39	36	32	8				
07 UNL 15	1002.7 S	21	40	38	34	6				
08 UNL 15	1008.9 W	3	43	39	34	7				
09 90 15	1004.5 CALM	4	41	38	32	8				
10 80 15	1003.0 WSW	2	44	42	41	10				
11 UNL 15	1014.7 WNW	5	40	37	32	3				
12 90 15	1016.9 W	10	42	38	33	7				
13 UNL 15	1014.8 CALM	10	45	41	37	3				
14 UNL 15	1015.5 W	23	38	36	34	8				
15 UNL 15	1012.8 W	10	39	36	32	6				
16 UNL 15	1008.1 WNW	11	41	37	32	7				
17 80 8	1013.6 WNW	10	35	34	34	10				
18 70 15	1012.7 W	10	38	36	34	9				
19 UNL 15	1021.3 WNW	10	36	35	32	3				
20 UNL 15	1016.0 NNE	20	52	43	33	1				
21 UNL 15	1014.8 WNW	8	49	42	32	7				
22 70 15	1016.0 ESE	8	49	41	35	10				
23 80 15	1017.5 ESE	7	49	43	36	9				
24 UNL 15	1013.3 WNW	10	44	40	36	7				
25 25 10	1009.1 S	10	39	37	34	10				
26 25 15	1021.3 WNW	10	37	36	33	8				
27 UNL 15	1009.5 SE	13	44	40	37	7				
28 UNL 15	1010.6 WNW	6	43	39	34	7				
29 70 15	1014.5 WNW	6	47	42	37	9				
30 UNL 15	1017.2 WNW	13	40	38	35	3				
31 UNL 15	1013.2 NNE	19	49	42	34	5				
AVG	1010.6	9	41	38	34	7				

Date	Cloud (100%)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (kph)	Dry Bulb (°F)	Wet Bulb (°F)	Deer Point (°F)	Sky Cover (tenths)
------	--------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	-----------------	--------------------

EUREKA NMT  
JULY 1970 1300 EST

01 15 15	1015.5 W	6	37	35	33	9				
02 UNL 15	1009.2 WNW	8	39	35	29	2				
03 UNL 15	1000.2 WNW	8	36	35	33	8				
04 30 10	995.8 WNW	8	35	35	34	10				
05 40 15	1001.4 SSE	11	39	37	34	9				
06 200 15	1003.9 SSE	14	40	36	31	9				
07 UNL 15	1003.2 SSE	20	42	39	35	3				
08 200 15	1009.1 W	7	41	37	33	9				
09 UNL 15	1003.4 ESE	9	45	40	36	4				
10 20 15	1004.3 N	14	43	41	40	10				
11 UNL 15	1015.1 W	10	44	39	34	4				
12 100 15	1017.0 W	12	44	38	33	7				
13 UNL 15	1014.4 W	6	47	43	38	1				
14 UNL 15	1015.									

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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

EUREKA		NMT					
AUGUST	1970	0100	EST	AUGUST	1970		
01 UNL 15	1011.9	N	8	49	41	32	2
02 UNL 15	1009.8	NNW	8	38	36	32	1
03 80 15	1004.5	NNW	11	36	35	33	8
04 30 15	1008.5	NNW	10	38	36	33	10
05 UNL 15	1013.5	NNW	8	40	37	35	4
06 80 15	1009.0	NNW	11	36	35	33	9
07 UNL 15	1008.6	NNW	9	40	37	32	1
08 UNL 15	1014.3	NNW	10	41	37	33	1
09 UNL 15	1017.1	NW	8	41	37	33	7
10 UNL 15	1020.6	NNW	10	41	37	30	2
11 UNL 15	1018.3	NNW	14	42	38	32	2
12 UNL 15	1017.0	NNE	15	42	36	27	1
13 UNL 15	1012.7	NW	10	40	36	31	5
14 80 15	1005.2	NNW	7	34	33	31	9
15 UNL 15	998.0	NNW	15	37	33	30	5
16 40 15	998.2	NW	13	35	33	30	10
17 20 3	997.6	NW	22	35	32	29	10
18 100 15	1002.8	NW	12	33	32	31	7
19 UNL 15	1006.5	W	13	28	28	26	4
20 3 8	1009.3	NNW	12	26	25	24	10
21 UNL 15	1010.8	NNW	7	29	28	24	1
22 70 15	1010.0	NNW	8	33	32	31	10
23 UNL 15	1015.0	ESE	8	35	33	31	9
24 UNL 15	1022.3	ESE	14	34	32	29	2
25 10 15	1018.0	SE	11	36	35	33	10
26 UNL 15	1021.2	NE	4	31	29	25	4
27 30 15	1016.1	NE	9	30	29	27	8
28 UNL 15	1013.4	NNE	6	31	29	25	5
29 25 15	1012.4	CALM	35	34	32	10	
30 23 15	1004.3	SSE	20	38	37	35	10
31 UNL 15	1006.5	ESE	10	30	28	25	5
AVG	1010.8		11	36	34	30	6

EUREKA		NMT					
AUGUST	1970	0700	EST	AUGUST	1970		
01 UNL 15	1012.1	N	12	49	42	34	5
02 80 15	1009.0	W	5	37	35	31	8
03 100 15	1003.3	NNW	11	39	37	33	10
04 30 15	1010.7	NNW	7	39	36	33	10
05 80 15	1012.7	W	15	40	37	35	10
06 25 15	1008.7	W	13	35	34	31	9
07 UNL 15	1009.9	NNW	10	39	36	32	1
08 UNL 15	1014.7	N	13	40	37	33	2
09 UNL 15	1018.4	NNW	12	40	36	31	4
10 UNL 15	1021.3	NW	7	38	35	31	0
11 UNL 15	1018.4	W	8	41	37	31	1
12 UNL 15	1017.4	NW	9	36	33	30	3
13 UNL 15	1011.4	NNW	6	37	35	30	1
14 UNL 15	1004.9	NNW	7	34	33	30	5
15 UNL 15	996.5	NW	20	33	31	28	8
16 6 7	998.1	NNW	17	36	33	29	10
17 15 21/25-F	998.4	W	12	32	32	31	10
18 18 10	1005.2	NNW	10	31	31	31	9
19 80 15	1006.6	W	14	26	25	25	7
20 12 12	1010.5	CALM	29	28	26	20	10
21 UNL 15	1009.8	NW	8	34	30	25	2
22 75 15	1011.3	NW	3	33	33	32	9
23 UNL 15	1018.1	ESE	13	35	33	30	4
24 90 15	1022.1	ESE	13	33	31	29	8
25 80 15	1017.6	SE	5	34	34	33	9
26 70 15	1021.2	NNW	8	32	31	30	9
27 35 15	1015.1	NNE	7	32	30	29	9
28 UNL 15	1013.7	CALM	32	31	28	8	
29 10 15	1012.6	ESE	4	34	34	10	9
30 40 15	1002.9	SSE	15	37	36	35	9
31 35 15	1004.1	ESE	17	34	33	31	9
AVG	1010.9		10	36	34	31	7

EUREKA		NMT					
AUGUST	1970	1300	EST	AUGUST	1970		
01 UNL 15	1010.8	N	15	54	44	33	6
02 90 15	1008.0	NNW	12	38	36	32	9
03 100 15	1002.8	NNW	11	39	36	33	9
04 30 15	1012.3	NNW	4	37	36	33	10
05 30 12	1011.7	W	8	39	37	36	10
06 UNL 15	1007.5	W	8	42	39	35	4
07 UNL 15	1010.8	NNW	11	43	39	34	6
08 UNL 15	1014.2	NNW	15	44	38	30	2
09 UNL 15	1018.2	W	14	42	38	33	6
10 UNL 15	1020.8	W	8	39	35	30	0
11 UNL 15	1017.6	W	16	44	39	32	2
12 UNL 15	1015.6	W	8	41	37	30	4
13 UNL 15	1008.2	NNW	16	37	35	31	1
14 UNL 15	1003.1	NNW	10	36	34	31	6
15 UNL 15	996.0	NNW	14	42	37	29	7
16 20 7	997.7	WSW	10	36	32	29	10
17 10 5	998.4	W	12	33	32	32	10
18 20 12	1006.0	W	15	31	31	30	9
19 80 15	1006.8	W	15	27	26	24	8
20 UNL 15	1011.4	W	3	29	28	26	7
21 UNL 15	1009.1	N	5	39	34	26	4
22 200 15	1011.2	ESE	8	38	35	32	9
23 100 15	1020.1	S	8	40	37	33	8
24 80 15	1020.3	SE	13	37	34	30	9
25 20 15	1018.4	W	14	35	34	34	9
26 80 15	1019.5	NNW	10	34	33	33	8
27 UNL 15	1013.9	NNW	5	37	34	29	6
28 70 8	1013.3	E	5	36	34	31	10
29 10 15	1010.8	ESE	15	37	36	33	19
30 20 15	1003.2	E	10	38	36	34	8
31 12 15	1001.0	SE	13	35	34	33	10
AVG	1010.2		11	38	35	31	7

EUREKA		NMT					
AUGUST	1970	1900	EST	AUGUST	1970		
01 UNL 15	1010.6	NNW	10	45	40	34	1
02 UNL 15	1006.2	NNW	8	37	35	32	7
03 35 15	1006.2	NNW	12	37	35	33	10
04 50 15	1013.2	NNW	8	37	36	33	10
05 20 15	1010.5	NNW	3	37	36	34	10
06 90 15	1007.3	W	11	44	40	34	6
07 70 15	1012.2	E	4	50	42	33	9
08 UNL 15	1015.5	NE	13	53	43	31	3
09 UNL 15	1019.1	W	13	43	39	35	4
10 UNL 15	1019.2	NNW	10	39	36	32	2
11 UNL 15	1017.3	ESE	6	45	39	29	5
12 UNL 15	1014.3	NNW	7	46	41	37	4
13 UNL 15	1006.5	NNW	7	36	34	32	5
14 UNL 15	1000.9	NNW	10	41	37	32	1
15 200 15	997.1	W	20	37	34	31	7
16 20 8	998.6	W	8	35	33	31	10
17 30 10	1000.7	NNW	6	34	32	30	9
18 UNL 15	1006.4	W	18	31	30	30	3
19 2 3	1008.0	W	13	27	27	26	9
20 UNL 4	1012.0	NNW	13	27	26	24	
21 20 15	1016.6	NW	8	38	36	26	10
22 100 15	1012.3	ESE	2	38	35	32	7
23 100 15	1021.8	ESE	12	38	35	31	9
24 200 15	1019.1	ESE	13	37	35	32	10
25 UNL 15	1020.4	CALM	37	34	28	2	
26 180 15	1017.9	W	3	33	31	27	7
27 UNL 15	1013.6	W	6	35	33	28	5
28 30 15	1013.0	SE	6	36	34	33	9
29 70 15	1007.9	ESE	12	38	37	35	9
30 30 15	1005.8	W	10	36	34	30	9
31 30 15	1001.8	S	11	35	34	31	8
AVG	1010.5		9	38	35	31	7

EUREKA		NMT					
AUGUST	1970	0400	EST	AUGUST	1970		
01 UNL 15	1012.1	N	18	47	40	32	4
02 110 15	1009.4	SW	4	42	38	34	9
03 80 15	1004.0	NW	10	37	35	33	8
04 35 15	1009.7	NNW	6	37	35	32	10
05 40 15	1013.4	NNW	3	41	38	35	10
06 70 15	1009.0	NNW	10	36	35	33	9
07 UNL 15	1009.2	NW	15	41	37	32	1
08 UNL 15	1014.8	W	8	41	38	33	1
09 UNL 15	1017.8	NNW	8	39	36	32	8
10 UNL 15	1021.0	NNE	9	40	36	30	1
11 UNL 15	1018.4	NNW	10	40	36	31	3
12 UNL 15	1017.2	NNE	11	41	35	28	3
13 UNL 15	1012.1	NW	5	40	35	30	4
14 200 15	1005.1	W	5	33	32	29	7
15 UNL 15	997.6	W	20	33	31	29	4
16 5 11/25-	998.2	W	13	35	33	30	10
17 20 3	998.2	W	10	32	32	31	10
18 10 15	1004.2	CALM	32	32	31	10	
19 UNL 8	1006.5	W	13	25	24	5	
20 20 10	1010.0	NNW	5	26	26	24	9
21 UNL 15	1010.7	ESE	4	30	28	24	1
22 75 15	1010.5	NNW	5	35	32	31	9
23 UNL 15	1016.4	ESE	13	35	32	29	4
24 UNL 15	1022.5	ESE	13	33	31	29	7
25 80 15	1017.8	SE	7	36	35	33	10
26 30 15	1021.3	NNW	6	32	30	28	7
27 30 15	1015.9	SE	4	31	30	29	8
28 UNL 15	1013.9	CALM	31	29	25	5	
29 20 3	1012.9	CALM	34	34	33	10	
30 35 15	1003.3	S	20	38	36	10	
31 30 15	1005.5	SE	8	32	31	28	8
AVG	1010.9		9	36	33	30	7

## SYNOPTIC OBSERVATIONS

EMMESA

Date	Calling (100% RJ)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea State (height)
------	-------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

EUREKA  
SEPTEMBER 1970 0100 EST

01 80 15	1005.6 NNE	4	29	28	25	8				
02 UNL 15	1014.2 N	7	25	24	22	6				
03 40 15	1015.5 ESE	8	31	30	29	10				
04 40 15	1015.0 W	11	30	29	28	10				
05 UNL 15	1016.5 NNE	10	25	24	21	3				
06 9 15	1014.7 SE	9	28	27	26	9				
07 UNL 15	1014.8 ESE	12	30	29	27	7				
08 UNL 15	1013.5 NNE	10	24	23	20	3				
09 UNL 15	1012.7 NNE	6	22	20	16	7				
10 20 15	1006.3 NNW	14	23	22	17	9				
11 UNL 15	1009.8 N	10	21	20	16	6				
12 35 15	1013.1 E	4	25	24	21	9				
13 UNL 15	1004.1 E	7	18	17	14	3				
14 UNL 15	1001.1 E	7	20	19	16	2				
15 UNL 15	1001.5 NNE	6	18	17	14	2				
16 40 15	1005.0 CALM	6	22	20	16	7				
17 UNL 15	1007.0 SE	3	23	22	17	4				
18 UNL 15	1005.5 NNE	8	16	16	12	1				
19 60 10	1005.5 N	7	16	16	13	10				
20 15 10	1007.7 W	8	18	18	16	10				
21 20 10	1010.4 CALM	18	18	18	15	10				
22 UNL 15	1017.4 NNE	4	13	13	8	1				
23 UNL 15	1005.0 NNE	10	7	7	1	0				
24 UNL 15	1026.1 NE	7	-	-	-	4				
25 UNL 15	1020.5 CALM	1	1	-	3	0				
26 UNL 15	1011.5 ESE	10	3	3	0	3				
27 UNL 15	1007.6 CALM	-	3	-	3	-	6			
28 UNL 15	1000.4 E	4	-	4	-	7	-	10		
29 3	995.7 NNE	6	0	0	-	1	10			
30 15 3	997.0 W	4	8	8	5	8				

AVG 1010.0 7 17 16 13 5

EUREKA  
SEPTEMBER 1970 0400 EST

01 80 15	1006.6 CALM	28	26	24	7					
02 UNL 15	1016.1 CALM	23	22	20	6					
03 35 15	1015.1 ESE	6	30	30	28	10				
04 40 15	1015.3 W	4	31	30	28	10				
05 UNL 15	1017.1 NNE	4	22	21	18	7				
06 20 15	1014.7 SE	12	28	27	24	9				
07 UNL 15	1014.9 ESE	11	30	29	27	4				
08 UNL 15	1013.5 E	4	24	23	20	3				
09 UNL 15	1011.4 W	7	24	23	19	3				
10 70 15	1006.0 NNW	18	23	21	16	9				
11 UNL 15	1011.5 E	5	19	18	15	4				
12 35 15	1012.6 ESE	7	23	22	18	10				
13 UNL 15	1002.8 SE	5	17	17	14	3				
14 10 15	1001.5 SE	8	21	20	18	8				
15 UNL 15	1001.8 NE	5	15	15	12	3				
16 40 15	1005.6 CALM	23	22	17	10					
17 180 15	1007.0 ESE	4	22	20	16	6				
18 UNL 15	1005.3 NE	7	13	13	9	3				
19 30 10	1006.0 W	12	16	16	12	10				
20 12 10	1008.8 NNE	12	16	15	13	10				
21 20 15	1011.0 ESE	7	20	19	17	10				
22 12 12	1019.7 NW	8	20	20	16	8				
23 UNL 2	1024.0 NE	5	7	7	5	1				
24 UNL 1	1026.5 NE	5	-	-	3	2				
25 UNL 15	1018.6 CALM	0	0	-	2	0				
26 UNL 15	1011.5 ESE	9	7	6	3	3				
27 UNL 15	1006.9 NE	4	-	3	-	6	0			
28 UNL 15	999.0 E	3	-	5	-	8	0			
29 2	995.8 NNE	5	3	4	2	10				
30 15 6	997.6 CALM	6	6	4	8					

AVG 1010.1 6 17 16 13 6

Date	Calling (100% RJ)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea State (height)
------	-------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

EUREKA  
SEPTEMBER 1970 0700 EST

01 UNL 15	1006.6 ESE	4	35	34	32	4				
02 UNL 15	1017.2 ESE	4	25	23	19	3				
03 70 15	1014.9 ESE	3	31	29	27	10				
04 70 15	1015.5 W	6	31	30	28	8				
05 5 15	1017.0 CALM	24	24	22	10					
06 UNL 15	1014.8 SE	10	27	27	25	7				
07 UNL 15	1014.8 SE	17	31	30	29	3				
08 UNL 15	1013.5 ESE	6	22	22	19	4				
09 UNL 15	1011.8 W	13	25	25	23	2				
10 UNL 15	1006.1 NNW	5	23	22	19	9				
11 UNL 15	1012.8 NNE	6	18	17	11	3				
12 30 15	1012.1 ESE	6	24	23	21	9				
13 UNL 15	1000.9 E	6	17	17	14	4				
14 25 15	1002.1 NNE	9	21	20	17	9				
15 UNL 15	1002.2 CALM	15	14	11	5					
16 50 15	1005.8 CALM	3	27	25	22	10				
17 120 15	1007.2 CALM	23	22	19	9					
18 UNL 15	1005.3 NE	6	13	12	8	5				
19 20 15	1006.9 N	6	16	15	12	9				
20 10 15	1009.9 W	13	15	15	12	7				
21 12 15	1011.3 ESE	8	21	20	17	10				
22 12 15	1021.3 W	4	20	20	16	9				
23 UNL 15	1024.6 NNE	4	5	5	1	3				
24 UNL 8	1026.5 NE	5	-	2	-	5	2			
25 UNL 15	1017.0 ESE	5	-	1	-	4	0			
26 UNL 15	1011.5 E	5	5	5	3	2				
27 UNL 15	1006.5 CALM	-	5	-	5	-	8	0		
28 UNL 15	998.2 E	4	-	6	-	10	1			
29 3	995.9 CALM	4	4	4	2	10				
30 15 7	998.7 NNE	3	8	8	6	8				

AVG 1010.3 5 17 17 14 6

EUREKA  
SEPTEMBER 1970 1000 EST

01 UNL 15	1006.8 NNW	5	32	29	25	2				
02 200 15	1024.9 SSW	5	29	27	23	8				
03 70 15	1014.3 NNW	8	31	30	29	10				
04 UNL 15	1015.8 CALM	4	33	32	29	7				
05 5 10	1016.5 CALM	25	25	23	10					
06 UNL 15	1015.0 SSE	8	30	29	26	3				
07 UNL 15	1014.5 ESE	11	33	31	26	2				
08 UNL 15	1013.2 ESE	8	27	26	23	6				
09 UNL 15	1010.7 WSW	3	30	28	25	7				
10 UNL 15	1005.4 W	12	27	25	21	8				
11 UNL 15	1013.0 SE	3	21	20	16	2				
12 30 15	1011.1 ESE	3	24	23	19	8				
13 UNL 15	999.3 ESE	7	20	20	17	2				
14 UNL 15	1001.8 NNE	6	23	21	17	4				
15 UNL 15	1002.3 CALM	17	16	12	8					
16 70 15	1005.9 NNW	14	28	26	22	8				
17 UNL 15	1006.9 NNW	3	26	25	21	7				
18 7 15	1004.8 SE	4	15	15	13	8				
19 70 15	1007.1 W	5	17	16	13	9				
20 15 15	1009.9 W	5	16	15	13	10				
21 5 1	1011.0 SE	10	22	22	20	10				
22 15 15	1022.0 NNW	6	20	19	16	8				
23 UNL 15	1025.0 CALM	8	8	5						
24 UNL 15	1026.5 NE	4	2	2	1	3				
25 UNL 15	1015.1 ESE	6	1	1	-	3	0			
26 UNL 15	1010.8 ESE	6	2	-	1	-	1			
27 UNL 15	1005.7 E	2	-	3	-	7	0			
28 UNL 15	997.0 E	3	-	5	-	9	2			
29 4	995.3 CALM	5	5	5	3	10				
30 UNL 15	999.7 NE	4	1	2	-	1	3			

AVG 1010.0 5 19 18 15 6

Date	Calling (100% RJ)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea State (height)
------	-------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

EUREKA  
SEPTEMBER 1970 1300 EST

01 UNL 15	1007.6 W	13	31	30	27	2				
02 200 15	1014.2 CALM	31	30	28	10					
03 30 12	1014.3 W	12	30	29	28	10				
04 UNL 15	1015.8 NNE	12	35	33	29	7				
05 5 15	1016.3 CALM	26	26	23	9					
06 UNL 15	1014.5 SE	15	32	30	28	3				
07 UNL 15	1013.9 SE	15	35	31	26	0				
08 UNL 15	1013.3 ESE	8	32	29	26	5				
09 25 15	1005.9 NNW	20	29	27	23	10				
10 UNL 15	1005.5 NNW	15	27	26	23	7				
11 70 15	1013.1 SE	3	23	22	18	8				
12 UNL 15	1010.1 CALM	26	24	20	3					
13 UNL 15	999.0 ESE	5	24	23	19	2				
14 UNL 15	1001.6 NNE	4	26	25	21	4				
15 40 15	1002.3 W	10	23	22	17	8				
16 UNL 15	1005.8 W	15	30	28	24	4				
17 UNL 15	1006.6 NNW	6	29	26	21	8				
18 UNL 15	1004.7 CALM	18	17	14	7					
19 10 4	1007.1 CALM	18	17	16	10					
20 12 10	1009.5 CALM	17	17	13	10					
21 5	3/4S-	10	25	25	22	10				
22 15 15	1022.3 NW	9	20	20	17	9				

## SYNOPTIC OBSERVATIONS

EUREKA

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

EUREKA NMT  
OCTOBER 1970 0100 EST

01 80 15	1004.8	CALM	-3	-3	-8	9				
02 UNL 15	1013.1	CALM	-14	-14	-21	0				
03 UNL 15	1019.2	E	5	-2	-2	7	3			
04 50 10	1012.7	CALM	14	13	10	10				
05 30 5	1013.8	SSE	10	19	18	16	10			
06 20 10	1013.8	M	13	8	8	4	10			
07 15 7	1013.6	M	16	4	4	2	10			
08 UNL 15	1019.7	CALM	-11	-11	-13	7				
09 UNL 15	1005.4	E	3	-25	-25	-31	0			
10 15 21/25-	1006.5	ESE	4	-10	-10	-12	0			
11 UNL 15	1018.9	NNE	11	-13	-13	-17	0			
12 UNL 15	1010.2	ESE	11	-24	-24	-30	0			
13 UNL 15	1007.2	NE	4	-27	-27	-33	2			
14 UNL 15	1006.3	ESE	8	-16	-16	-22	0			
15 10 4	1005.4	SSE	15	0	0	-3	10			
16 UNL 15	1009.8	ESE	14	-5	-5	-12	9			
17 15 6	1005.7	SSE	22	3	3	1	10			
18 70 15	1008.5	S	20	10	9	-16	9			
19 UNL 15	1025.9	ESE	11	2	2	-3	4			
20 UNL 15	1017.8	M	15	-1	-1	-6	0			
21 UNL 15	1019.5	NNW	8	-14	-14	-19	0			
22 UNL 15	1023.5	E	10	-23	-23	-29	0			
23 UNL 15	1028.8	E	9	-22	-23	-31	0			
24 100 5	1017.7	ESE	10	-11	-11	-16	10			
25 70 15	1019.7	E	4	11	11	7	10			
26 UNL 11/2BS	1008.1	S	24	30	30	6	6			
27 UNL 15	1031.0	CALM	0	0	0	-6	0			
28 20 4	1014.1	M	17	1	1	-10	10			
29 23 5	1010.6	CALM	4	4	4	1	10			
30 70 7	1011.7	E	7	5	5	2	10			
31 30 10	1009.1	E	10	20	20	18	9			
AVG	1014.2		9	-3	-3	-7	6			

EUREKA NMT  
OCTOBER 1970 0400 EST

01 80 15	1005.3	CALM	-3	-3	-9	9				
02 UNL 15	1015.0	CALM	-11	-11	-18	0				
03 40 15	1012.9	CALM	3	3	2	9				
04 50 10	1012.9	CALM	24	23	19	10				
05 30 5	1014.7	ESE	10	16	13	10				
06 20 4	1012.9	M	16	8	8	4	10			
07 15 7	1015.4	MNW	12	4	4	2	10			
08 20 15	1018.8	M	5	-8	-7	-12	9			
09 UNL 15	1004.3	E	-23	-23	-29	2				
10 UNL 15	1008.3	ESE	4	-11	-11	-15	7			
11 UNL 15	1018.9	ESE	12	-9	-9	-13	0			
12 UNL 15	1009.4	ESE	3	-26	-26	-32	0			
13 UNL 15	1007.3	ESE	5	-23	-23	-29	4			
14 UNL 15	1006.6	E	7	-17	-17	-22	4			
15 10 7	1006.0	SSE	15	0	1	-2	10			
16 UNL 7	1010.0	ESE	8	-3	-3	-8	10			
17 UNL 10	1007.0	SE	12	0	0	-5	0			
18 70 15	1010.5	SE	14	9	8	4	10			
19 UNL 15	1026.5	ESE	10	3	3	-2	0			
20 UNL 15	1017.5	M	16	-1	-2	-6	0			
21 UNL 15	1020.1	MNW	20	-13	-13	-18	0			
22 UNL 15	1026.1	E	8	-21	-21	-30	0			
23 UNL 15	1029.0	CALM	-22	-22	-29	0				
24 100 15	1014.6	SE	12	1	1	-3	10			
25 35 15	1018.1	NNE	7	14	13	11	10			
26 UNL 15	1009.6	SSE	12	27	26	26	6			
27 UNL 15	1033.0	E	10	-6	-7	-12	0			
28 UNL 15	1015.2	M	16	0	0	-4	0			
29 28 6	1018.0	M	4	5	5	2	10			
30 160 10	1011.9	CALM	4	4	2	8				
31 UNL 15	1009.8	NW	4	10	10	6	2			
AVG	1014.5		8	-2	-2	-7	5			

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

EUREKA NMT  
OCTOBER 1970 0700 EST

01 70 15	1005.5	NE	4	2	2	-3	9			
02 UNL 15	1016.7	ESE	3	-15	-15	-20	8			
03 UNL 15	1013.9	MNW	6	3	3	-2	8			
04 35 10	1012.7	ESE	3	22	22	20	10			
05 4 1	1015.2	ESE	12	14	14	11	10			
06 20 3	1011.7	M	12	9	8	3	10			
07 UNL 15	1016.6	MNW	8	-1	-1	-4	6			
08 20 15	1017.3	MNW	6	-5	-5	-10	10			
09 100 15	1003.0	ESE	5	-20	-20	-25	8			
10 40 15	1010.6	ESE	4	-8	-8	-12	9			
11 UNL 15	1019.9	E	6	-14	-14	-21	6			
12 UNL 15	1008.7	NNE	6	-28	-28	-34	2			
13 UNL 15	1007.6	NNE	10	-24	-24	-30	2			
14 UNL 15	1006.5	ESE	13	-12	-12	-19	7			
15 10 4	1006.3	SSE	16	2	2	-1	10			
16 UNL 10	1009.4	ESE	11	-5	-5	-8	7			
17 40 6	1007.9	SE	14	1	1	-4	6			
18 120 8	1012.4	S	17	7	7	2	9			
19 UNL 15	1025.8	E	10	-1	-1	-6	5			
20 UNL 15	1017.2	M	11	-7	-7	-11	1			
21 UNL 15	1021.2	NNE	11	-20	-20	-24	1			
22 UNL 15	1026.2	ESE	11	-21	-22	-30	1			
23 UNL 15	1028.5	NE	5	-22	-22	-29	0			
24 100 5	1013.7	ESE	7	14	14	11	10			
25 10 2	1015.8	NE	3	15	15	13	10			
26 70 15	1010.9	S	12	29	28	27	10			
27 UNL 15	1033.0	SSE	5	-9	-9	-14	0			
28 UNL 15	1017.5	MNW	10	-2	-2	-7	0			
29 70 15	1016.0	E	4	4	4	1	6			
30 15 15	1011.9	NNE	4	5	5	2	7			
31 35 10	1010.5	MNW	4	11	11	7	10			
AVG	1014.6		8	-3	-3	-7	6			

EUREKA NMT  
OCTOBER 1970 1000 EST

01 60 15	1005.8	ESE	3	4	4	2	9			
02 UNL 15	1017.0	CALM	-9	-10	-15	9				
03 50 15	1014.9	M	2	9	9	4	9			
04 70 15	1012.5	CALM	24	23	21	9				
05 30 5	1016.2	S	2	13	13	9	10			
06 25 3	1010.7	M	15	8	8	3	9			
07 UNL 15	1017.8	NNE	12	-11	-11	-14	4			
08 UNL 15	1019.3	NNE	6	-4	-4	-10	10			
09 180 15	1002.4	E	5	-17	-17	-22	10			
10 40 10	1011.5	S	8	-3	-4	-10	9			
11 UNL 15	1017.6	NNE	9	-19	-20	-26	3			
12 UNL 15	1007.9	NNE	7	-29	-29	-35	2			
13 UNL 15	1007.5	NNE	10	-25	-25	-33	2			
14 UNL 15	1006.4	SSE	17	-9	-9	-15	8			
15 18 21/2F	1006.9	SSE	16	2	2	-1	10			
16 UNL 10	1008.7	ESE	12	-4	-4	8	8			
17 25 6	1008.1	SE	12	3	3	0	10			
18 100 8	1015.1	E	12	6	5	1	9			
19 UNL 15	1025.3	NNE	11	-4	-4	-9	6			
20 UNL 15	1017.0	MNW	9	-11	-11	-16	2			
21 UNL 15	1022.3	NNE	5	-19	-19	-23	1			
22 UNL 15	1026.8	ESE	11	-20	-20	-29	1			
23 UNL 15	1027.9	E	13	-23	-23	-30	4			
24 35 10	1013.8	ESE	13	15	15	12	10			
25 10 3/4S-	1012.7	ESE	18	25	25	23	10			
26 15 10	1012.6	ESE	5	28	27	25	10			
27 UNL 15	1030.8	NNE	9	-12	-13	-18	1			
28 UNL 15	1019.5	SSE	6	-7	-7	-12	9			
29 30 15	1014.8	CALM	2	2	-1	10				
30 15 15	1011.9	CALM	7	6	3	9				
31 110 15	1011.6	NE	4	10	10	5	9			
AVG	1014.5		8	-2	-3	-7	7			

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

EUREKA NMT  
OCTOBER 1970 1300 EST

01 60 15	1006.5	SE	3	3	3	0	9			
02 180 15	1018.7	ESE	3	-9	-9	-15	10			
03 180 15	1013.9	MNW	8	9	9	4	10			
04 70 15	1012.1	CALM	24	24	21	8				
05 70 15	1016.6	CALM	11	10	5	7				
06 10 11/2S-	1010.4	M	11	8	8	4	10			
07 UNL 15	1018.7	NNE	10	-13	-13	-17	4			
08 25 15	1013.3	ESE	4	-5	-5	-9	10			
09 UNL 15	1002.3	SE	5	-16	-16	-22	10			
10 UNL 15	1013.9	S	5	-6	-6	-11	10			
11 UNL 15	1016.5	CALM	-17	-17	-25	7				
12 UNL 15	1007.0	NE	3	-30	-30	-36	3			
13 UNL 15	1007.5	NNE	7	-23	-23	-30	2			
14 75 8	1006.4	SE	16	-7	-7	-13	8			
15 90 11/2F	1007.0	S	17	0	0	-3	10			
16 20 10	1007.9	ESE	14	-2	-2	-7	10			
17 40 6	1007.9									

## SYNOPTIC OBSERVATIONS

EUREKA

Date	Calling (1000's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	----------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

EUREKA NHT  
NOVEMBER 1970 0100 EST

01 UNL 15	1024.3	MW	10	-	2	-	2	-	5	0
02 UNL 15	1021.5	ENE	7	-	13	-	13	-	16	0
03 30 10	1001.0	ESE	10	13	13	11	10			
04 UNL 5	1011.9	M	18	-	2	-	16	3		
05 UNL 15	1020.8	N	3	-	8	-	8	-	12	0
06 UNL 15	1017.3	MW	17	-	6	-	7	-	12	0
07 UNL 15	1013.0	E	5	-	23	-	23	0		
08 UNL 15	1004.0	ENE	3	-	28	-	28	-	30	0
09 UNL 15	1015.2	ENE	5	-	30	-	30	-	34	0
10 UNL 10	1015.3	CALM		-	29	-	29	-	31	0
11 UNL 15	1022.3	E	3	-	30	-	30	-	34	0
12 UNL 10	1019.6	NNE	3	-	27	-	27	-	31	3
13 70 6	1014.5	E	6	-	26	-	26	-	30	10
14 UNL 15	1020.4	E	2	-	31	-	31	7	4	
15 UNL 15	1019.4	CALM		-	38					0
16 UNL 15	1023.1	NE	5	-	35	-	35	-	38	6
17 UNL 15	1022.0	NE	3	-	40					0
18 UNL 15	1016.1	CALM		-	40					0
19 UNL 15	1014.4	NE	4	-	30	-	30	-	34	1
20 48 15	1011.7	MW	10	-	4	-	10	10		
21 UNL 15	999.2	MW	12	3	3	4	5			
22 UNL 15	1015.5	ESE	24	-	10	-	16	9		
23 UNL 15	1023.9	NE	7	-	23	-	23	-	30	0
24 UNL 15	1024.5	NNE	7	-	32	-	32	-	38	0
25 UNL 15	1002.8	M	20	-	20	-	24	2		
26 20 7	996.3	MW	18	-	14	-	14	-	19	10
27 UNL 15	1027.3	E	15	-	25	-	25	-	31	0
28 20 10	1010.0	M	16	-	26	-	26	-	32	10
29 UNL 15	997.2	ENE	3	-	27	-	27	-	31	0
30 UNL 15	1006.9	NE	3	-	29	-	29	-	33	0
AVG	1014.4		8	-	21	-	21	-	25	3

EUREKA NHT  
NOVEMBER 1970 0400 EST

01 90 15	1026.9	NW	5	-	2	-	1	-	5	10
02 30 15	1017.0	E	9	-	12	-	12	-	14	9
03 10 3	1001.1	ESE	10	15	15	14	10			
04 UNL 5	1013.6	N	20	3	3	7	1			
05 UNL 15	1020.8	MW	7	-	7	-	8	-	13	0
06 UNL 15	1017.1	M	20	-	4	-	4	-	10	0
07 UNL 15	1011.3	NNE	5	-	24	-	24	-	28	0
08 UNL 15	1005.9	NNE	4	-	28	-	28	-	30	0
09 UNL 15	1015.5	ESE	4	-	29	-	29	-	33	0
10 UNL 15	1016.6	NNE	10	-	28	-	28	-	32	0
11 UNL 15	1022.9	E	5	-	30	-	30	-	34	0
12 UNL 15	1018.2	NNE	4	-	29	-	29	-	35	3
13 40 3	1015.9	E	4	-	25	-	25	-	27	10
14 UNL 15	1020.3	CALM		-	29	-	29	-	35	10
15 UNL 15	1020.1	CALM		-	37					0
16 UNL 15	1022.5	NNE	4	-	35	-	35	-	41	0
17 UNL 15	1022.5	CALM		-	39					0
18 UNL 15	1015.6	E	5	-	40					0
19 UNL 15	1014.3	CALM		-	34	-	34	-	35	2
20 45 15	1011.3	MW	10	-	3	-	3	-	9	4
21 40 15	998.1	MW	11	3	3	4	9			
22 UNL 12	1017.9	E	17	-	11	-	11	-	19	7
23 UNL 15	1024.1	NE	8	-	25	-	25	-	33	0
24 UNL 15	1024.3	NNE	9	-	32	-	32	-	38	0
25 7 1/2BS	995.7	M	32	-	19	-	19	-	24	10
26 20 7	998.5	MW	18	-	16	-	16	-	21	10
27 UNL 15	1030.3	E	14	-	26	-	26	-	32	0
28 20 10	1006.1	MW	15	-	23	-	23	-	29	10
29 UNL 15	997.5	NNE	3	-	26	-	26	-	30	5
30 UNL 15	1008.4	NNE	8	-	32	-	32	-	36	0
AVG	1014.3		9	-	21	-	21	-	25	4

Date	Calling (1000's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	----------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

EUREKA NHT  
NOVEMBER 1970 0700 EST

01 48 15	1028.3	W	7	0	0	0	-	3	10	
02 35 15	1011.5	ENE	7	-	6	-	6	-	9	8
03 8 21/2S-	1001.9	WSW	14	10	10	8	10			
04 UNL 15	1015.0	M	17	-	4	-	4	-	8	0
05 UNL 15	1021.1	MW	13	-	5	-	5	-	10	0
06 UNL 15	1017.5	E	11	-	9	-	9	-	14	0
07 UNL 15	1008.9	CALM		-	21	-	21	-	26	0
08 UNL 15	1008.1	NNE	5	-	29	-	29	-	31	0
09 UNL 15	1015.5	NNE	4	-	31	-	31	-	32	0
10 UNL 15	1016.7	ENE	4	-	29	-	29	-	31	0
11 UNL 15	1023.2	CALM		-	30	-	30	-	34	0
12 UNL 15	1018.9	CALM		-	29	-	29	-	35	0
13 12 4	1017.3	E	8	-	23	-	23	-	25	10
14 40 10	1020.0	E	4	-	26	-	26	-	30	9
15 UNL 15	1020.8	E	3	-	36					3
16 UNL 15	1021.9	CALM		-	37					0
17 UNL 15	1022.2	CALM		-	38					0
18 UNL 15	1014.5	NNE	6	-	39					0
19 UNL 15	1013.9	E	3	-	31	-	31	-	32	5
20 45 15	1010.4	NNE	6	-	3	-	3	-	6	9
21 UNL 15	998.9	M	6	0	0	7	2			
22 UNL 15	1019.3	E	20	-	12	-	13	-	15	5
23 UNL 15	1024.1	ENE	6	-	27	-	28	-	35	0
24 UNL 15	1023.7	E	4	-	31	-	31	-	35	0
25 5 3/4BS	988.0	M	32	-	15	-	15	-	20	10
26 140 15	1001.5	MW	15	-	17	-	17	-	22	7
27 UNL 15	1031.7	E	12	-	25	-	25	-	30	0
28 20 15	1002.4	M	14	-	18	-	18	-	30	9
29 UNL 15	997.8	NE	5	-	26	-	26	-	32	5
30 UNL 15	1009.9	CALM		-	32	-	32	-	36	0
AVG	1014.1		7	-	21	-	21	-	25	3

EUREKA NHT  
NOVEMBER 1970 1000 EST

01 45 15	1029.0	W	8	1	1	-	3	9		
02 35 15	1006.6	NE	4	-	3	-	3	-	7	10
03 8 21/2S-	1004.1	WSW	17	7	7	5	10			
04 UNL 4	1016.1	M	20	-	5	-	5	-	9	1
05 UNL 15	1021.2	NNE	5	-	6	-	6	-	11	0
06 UNL 15	1017.8	ENE	5	-	18	-	18	-	23	0
07 UNL 15	1006.9	E	7	-	24	-	24	-	30	0
08 UNL 15	1010.2	E	2	-	30	-	30	-	32	0
09 UNL 15	1015.2	ENE	2	-	31	-	31	-	35	0
10 UNL 15	1017.8	E	10	-	27	-	27	-	29	1
11 UNL 15	1023.3	ENE	6	-	29	-	29	-	33	1
12 UNL 15	1015.3	NNE	7	-	31	-	31	-	37	2
13 60 15	1018.2	E	4	-	26	-	26	-	30	8
14 UNL 15	1019.5	E	5	-	30	-	30	-	34	1
15 UNL 15	1021.5	ESE	6	-	33	-	33	-	37	3
16 UNL 15	1021.1	E	2	-	39					1
17 UNL 15	1020.8	NE	8	-	39					1
18 UNL 15	1014.7	ENE	6	-	39					2
19 UNL 15	1013.3	NW	2	-	21	-	21	-	23	10
20 45 15	1018.2	NNE	12	1	1	5	8			
21 35 5	1002.1	S	15	2	1	6	9			
22 UNL 12	1021.1	ESE	10	-	13	-	13	-	20	1
23 UNL 15	1024.1	NNE	7	-	26	-	26	-	34	0
24 UNL 15	1022.8	CALM		-	35	-	35	-	38	1
25 11 1/2BS	981.9	M	33	-	14	-	14	-	19	10
26 160 15	1005.0	M	17	-	18	-	18	-	22	7
27 UNL 15	1009.3	NNE	7	-	23	-	23	-	29	8
28 40 10	999.6	M	15	-	18	-	19	-	30	10
29 20 10	998.9	NNE	4	-	23	-	23	-	27	8
30 UNL 15	1011.4	CALM		-	34	-	34	-	40	0
AVG	1014.0		8	-	21	-	21	-	25	4

Date	Calling (1000's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	----------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

EUREKA NHT  
NOVEMBER 1970 1300 EST

01 UNL 15	1029.0	MW	14	-	5	-	5	-	11	4
02 35 15	1003.2	SE	4	-	1	-	1	-	5	10
03 7 11/2S-	1006.4	M	16	2	2	0	10			
04 UNL 6	1017.8	MW	23	-	4	-	4	-	7	1
05 UNL 15	1020.7	M	5	-	6	-	6	-	11	0
06 UNL 15	1017.6	E	7	-	19	-	19	-	24	0
07 UNL 15	1004.5	CALM		-	25	-	25	-	31	0
08 UNL 15	1011.9	E	4	-	30	-	30	-	32	0
09 UNL 15	1014.1	E	4	-	31	-	31	-	35	1
10 UNL 15	1018.8	ESE	2	-	25	-	25	-	27	1
11 UNL 15	1023.2	CALM		-	29	-	29	-	33	7
12 UNL 15	1014.2	NE	4	-	31	-	31	-	37	3
13 60 15	1019.3	E	3	-	27	-	27	-	31	7
14 UNL 15	1019.1	E	5	-	33	-	33	-	37	5
15 UNL 15	1022.3	E	4	-	32	-	32	-	36	5
16 UNL 15	1020.6	E	6	-	39					1
17 UNL 15	1020.0	NE	4	-	40					

## SYNOPTIC OBSERVATIONS

## EUREKA

Date	Cloud (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction (mph)	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-----------------	--------------------	-----------------	-------------------------	----------------------	------------------	---------------	---------------	----------------	--------------------

EUREKA NMT  
DECEMBER 1970 0100 EST

01 UNL 15	IC	1018.7	NNE	4	-35	-35	-38	0		
02 UNL 15	IC	1014.2	E	5	-40					
03 UNL 15	IC	1012.5	CALM	-44						
04 UNL 15	IC	1014.2	E	12	-41					
05 UNL 15		1025.0	CALM	-47						
06 12 10	S-	1023.2	E	15	-30	-30	-34	10		
07 UNL 15		1012.8	NNE	8	-30	-30	-36	1		
08 UNL 15		1004.2	E	9	-39					
09 UNL 10	IC	1006.4	E	5	-36					
10 90 15		1017.5	ESE	9	-19	-19	-24	9		
11 UNL 15		1027.0	ESE	9	-28	-28	-34	6		
12 UNL 15		1030.7	CALM	-38						
13 UNL 15	IC	1028.4	E	4	-40					
14 UNL 15		1014.3	CALM	-33	-33	-39				
15 UNL 15	IC	1007.5	E	5	-35	-35	-38	10		
16 UNL 15		1007.8	ESE	3	-41					
17 UNL 15	IC	1014.7	NNE	4	-49					
18 UNL 15		1021.1	CALM	-43						
19 UNL 10	IC	1020.0	E	4	-45					
20 UNL 15	IC	1025.6	E	7	-50					
21 UNL 15		1015.0	CALM	-51						
22 UNL 15	IC	1024.2	CALM	-53						
23 UNL 15		1012.2	NNE	1	-46					
24 30 15	S-	1003.8	SE	2	-22	-22	-27	10		
25 40 8	S-	1005.5	CALM	-24	-24	-30	10			
26 20 1	1/4BS	1015.6	ESE	26	-17	-17	-22	10		
27 UNL 15		1028.8	N	7	-20	-20	-25	0		
28 UNL 15		1030.2	ESE	17	-10	-10	-16	0		
29 UNL 15		1018.9	E	7	-25	-26	-35	4		
30 UNL 15		1011.5	NNE	12	-24	-24	-32	0		
31 UNL 15	IC	1020.5	E	4	-34	-34	-40	0		
AVG		1017.3		6	-35			3		

Date	Cloud (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction (mph)	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-----------------	--------------------	-----------------	-------------------------	----------------------	------------------	---------------	---------------	----------------	--------------------

EUREKA NMT  
DECEMBER 1970 0700 EST

01 UNL 12	IC	1018.6	E	3	-35	-35	-38	0		
02 UNL 15	IC	1013.9	E	7	-40					
03 UNL 4	ICIF	1010.4	E	6	-43					
04 UNL 15		1018.3	E	6	-44					
05 UNL 15		1025.8	CALM	-47						
06 30 7		1020.6	E	15	-28	-28	-32	10		
07 UNL 15	IC	1008.4	NNE	6	-32	-32	-36	2		
08 UNL 15		1007.9	SE	3	-40					
09 30 10	S-	1008.7	ESE	7	-30	-29	-34	10		
10 UNL 15		1021.0	E	7	-26	-26	-32	7		
11 UNL 15	IC	1029.9	ESE	5	-31	-31	-37	0		
12 UNL 15		1030.7	CALM	-39						
13 UNL 15		1026.0	E	1	-38					
14 UNL 15		1012.9	E	4	-37					
15 UNL 15	IC	1006.1	CALM	-38						
16 UNL 15		1009.7	SSE	4	-45					
17 UNL 15	IC	1017.1	CALM	-49						
18 UNL 15		1021.8	CALM	-45						
19 UNL 15		1020.3	ESE	4	-46					
20 UNL 15	IC	1027.5	E	4	-49					
21 UNL 15		1018.1	E	4	-52					
22 UNL 15		1022.9	CALM	-54						
23 24 15		1005.2	CALM	-36						
24 70 15	S-	1007.0	CALM	-23	-23	-30	10			
25 50 15		1005.5	CALM	-21	-21	-26	10			
26 20 1	BS	1022.8	ESE	22	-20	-20	-25	10		
27 UNL 15		1027.0	CALM	-28	-28	-34	0			
28 UNL 15		1028.2	E	16	-9	-9	-16	0		
29 80 15		1015.0	E	5	-21	-21	-28	8		
30 UNL 15		1014.1	NNE	12	-26	-26	-32	0		
31 UNL 15	IC	1022.7	NE	4	-35					
AVG		1017.6		5	-36			3		

Date	Cloud (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction (mph)	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-----------------	--------------------	-----------------	-------------------------	----------------------	------------------	---------------	---------------	----------------	--------------------

EUREKA NMT  
DECEMBER 1970 1300 EST

01 UNL 8	IC	1017.1	E	3	-38					
02 UNL 15	IC	1013.7	NE	4	-42					
03 UNL 15	IC	1009.4	E	9	-44					
04 UNL 15		1021.8	CALM	-47						
05 UNL 15		1025.7	E	5	-44					
06 UNL 10		1017.8	ESE	13	-28	-28	-32	7		
07 UNL 10	IC	1003.0	CALM	-35						
08 UNL 15		1009.3	E	3	-42					
09 30 10	S-	1011.8	E	6	-26	-26	-30	10		
10 UNL 15		1022.9	NE	5	-25	-25	-31	4		
11 UNL 15	IC	1030.9	E	4	-36					
12 UNL 15		1030.6	E	8	-40					
13 UNL 15		1021.5	E	5	-37					
14 UNL 15	IC	1011.2	ESE	4	-39					
15 UNL 15		1005.1	E	8	-39					
16 UNL 15	IC	1011.1	E	5	-46					
17 UNL 15	IC	1018.8	CALM	-49						
18 UNL 15		1021.4	ENE	2	-48					
19 UNL 15		1021.1	E	10	-49					
20 UNL 15		1027.2	N	4	-51					
21 UNL 10	IC	1019.0	CALM	-51						
22 UNL 15	IC	1020.0	CALM	-53						
23 70 10	S-	1002.2	CALM	-29	-29	-33	10			
24 50 15		1006.7	WNW	4	-23	-23	-29	8		
25 100 15		1002.5	WNW	15	-23	-23	-30	8		
26 UNL 5	BS	1027.3	ESE	26	-21	-21	-26	2		
27 UNL 15		1026.8	NE	5	-29	-29	-35	0		
28 UNL 15		1026.4	CALM	-11	-12	-18	4			
29 UNL 15		1012.2	E	6	-19	-19	-26	2		
30 UNL 15		1016.1	NNE	9	-31	-31	-37	0		
31 UNL 15		1024.5	NNE	10	-38					
AVG		1017.3		6	-37			2		

Date	Cloud (100% R.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction (mph)	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-----------------	--------------------	-----------------	-------------------------	----------------------	------------------	---------------	---------------	----------------	--------------------

EUREKA NMT  
DECEMBER 1970 1900 EST

01 UNL 15	IC	1015.6	ESE	4	-40					
02 UNL 15	IC	1014.0	ENE	3	-44					
03 UNL 15	IC	1011.3	E	13	-39					
04 UNL 15		1023.9	CALM	-48						
05 10 10	S-	1024.9	SE	8	-36					
06 18 10	S-	1016.0	ESE	6	-27	-27	-33	10		
07 UNL 15		1001.9	NNE	10	-35	-35	-41	0		
08 UNL 15		1008.2	E	6	-45					
09 30 10	S-	1014.8	E	10	-22	-22	-27	6		
10 UNL 15		1025.6	E	9	-29	-29	-35	6		
11 UNL 15	IC	1031.4	E	4	-36					
12 UNL 15		1030.4	E	4	-41					
13 UNL 7	IC	1017.4	SE	4	-30	-30	-34	10		
14 UNL 15	IC	1010.0	NE	4	-38					
15 UNL 15		1006.3	E	7	-39					
16 UNL 15	IC	1012.8	CALM	-46						
17 60 15		1020.4	E	2	-44					
18 UNL 15		1020.5	E	5	-48					
19 UNL 15		1023.3	E	6	-50					
20 UNL 15		1024.6	E	8	-56					
21 UNL 15	IC	1022.7	CALM	-52						
22 UNL 15	IC	1017.9	CALM	-52						
23 45 15		1000.8	WNW	5	-28	-28	-34	7		
24 40 15		1006.4	CALM	-28	-28	-32	10			
25 100 10		1006.2	ESE	17	-17	-17	-22	10		
26 UNL 7		1029.8	ESE	15	-17	-17	-22	0		
27 UNL 15		1028.6	ESE	20	-14	-14	-20	0		
28 UNL 15		1022.7	ENE	4	-20	-20	-29	0		
29 UNL 15		1011.4	NNE	9	-22	-22	-29	0		
30 UNL 15		1018.9	NE	5	-34	-34	-40	0		
31 UNL 15		1029.3	E	6	-38					
AVG		1017.7		6	-36			3		

EUREKA NMT  
DECEMBER 1970 0400 EST

01 UNL 8	IC	1019.0	ESE	3	-33	-33	-37	0		
02 UNL 15	IC	1014.3	E	3	-40					
03 UNL 15	IC	1011.6	E	4	-44					
04 UNL 15	IC	1016.6	E	10	-43					
05 UNL 15		1025.6	NE	4	-46					
06 30 10	S-	1022.1	E	18	-29	-29	-33	10		
07 18 15		1011.1	E	9	-28	-28	-34	9		
08 UNL 15		1036.7	E	10	-42					
09 UNL 10	IC	1007.0	CALM	-33						
10 90 15		1019.3	E	4	-24	-24	-27	9		
11 UNL 15		1028.9	NNE	9	-29	-29	-35	2		
12 UNL 15	IC	1031.0	CALM	-39						
13 UNL 15		1027.7	NE	6	-40					
14 UNL 15		1018.5	CALM	2	-33	-33	-36	8		
15 UNL 15	IC	1007.1	E	10	-36					
16 UNL 15		1008.9	E	7	-44					
17 UNL 15	IC	1016.1	NNE	5	-47					
18 UNL 15	IC	1021.6	ENE	4	-41					
19 UNL 15		1020.6	ENE	3	-46					
20 UNL 15	IC	1026.7	CALM	-49						
21 UNL 15		1018.5	CALM	10	-36					

## SYNOPTIC OBSERVATIONS

## ISACHSEN

Date	Calling (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deck Plate (°F)	Sky Cover (tenths)
------	--------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	-----------------	--------------------

ISACHSEN NMT  
JULY 1970 0200 MST

01	6 10			1019.8 W	10	34	34	33	10	
02	8 2	F		1013.0 N	5	38	37	37	10	
03	UNL 10			1005.2 N	4	39	38	37	2	
04	12 10			1000.3 WNW	7	33	33	32	10	
05	6 7	S-		1000.7 W	3	32	31	29	10	
06	4 7			998.7 S	12	35	34	33	10	
07	UNL 10			1002.5 SW	9	33	32	30	9	
08	UNL 10			1010.1 SSW	3	34	32	29	7	
09	UNL 10			1003.5 SE	7	39	38	36	7	
10	120 2	F		1007.3 NW	15	34	33	33	10	
11	3	1/2F		1017.9 WSW	6	33	32	31	10	
12	UNL 10			1020.3 SSW	2	41	37	32	8	
13	UNL 10			1016.4 SSE	6	41	39	36	3	
14	UNL 10			1019.4 N	11	36	34	32	9	
15	60 10			1018.3 NNN	15	37	35	33	8	
16	2 10			1014.9 NW	16	39	37	35	7	
17	UNL 7			1015.8 N	24	32	31	29	7	
18	UNL 7	SW-		1016.0 N	16	32	30	26	9	
19	12 7			1019.4 ENE	8	32	31	28	9	
20	UNL 10			1020.5 N	14	42	38	32	3	
21	UNL 2	F		1016.4 N	7	33	32	31	3	
22	UNL 10			1017.1 CALM	4	45	41	36	4	
23	70 10			1018.3 WSW	3	35	33	32	9	
24	UNL 10			1017.0 N	5	37	35	32	10	
25	8 8			1011.7 W	7	31	30	28	10	
26	70 7	S-		1011.7 WNW	7	33	32	31	10	
27	25 8	R-		1004.5 SE	3	36	35	33	10	
28	30 10			1009.8 E	6	38	36	35	9	
29	9 8	L-		1013.3 E	7	39	38	37	10	
30	3 2	F		1020.6 W	7	35	34	34	10	
31	5 8			1017.7 NNN	12	36	35	33	10	
AVG				1012.5	8	36	34	32	8	

ISACHSEN NMT  
JULY 1970 0500 MST

01	5 7			1019.5 NW	6	33	33	32	10	
02	12 7			1012.4 N	5	36	35	34	10	
03	UNL 10			1004.2 N	5	38	36	33	3	
04	6 3	L-F		999.6 W	7	33	32	32	10	
05	7 7			1001.0 SW	6	32	31	30	10	
06	4 7			997.6 S	26	35	35	33	10	
07	UNL 2	F		1003.5 SW	10	32	31	31	8	
08	120 10			1010.3 CALM	34	32	28	9		
09	150 10			1002.3 E	8	40	38	35	7	
10	UNL 7			1009.4 NW	16	34	33	31	5	
11	70 7			1018.4 SW	5	33	32	32	10	
12	UNL 10			1020.0 CALM	3	42	37	31	7	
13	UNL 10			1016.0 S	3	44	40	36	5	
14	UNL 10			1019.9 N	11	41	38	35	9	
15	40 10			1018.4 N	10	36	35	33	8	
16	5 10			1014.7 N	18	34	33	31	9	
17	UNL 10			1016.9 N	18	34	32	30	5	
18	14 7	SW-		1016.1 N	15	32	31	29	8	
19	12 5	S-		1020.2 ENE	5	33	32	31	10	
20	UNL 10			1020.0 N	14	44	39	32	8	
21	UNL 10			1015.9 N	7	38	35	32	1	
22	UNL 10			1017.6 W	4	44	41	37	3	
23	8 10			1018.7 SSW	4	35	33	31	10	
24	UNL 8			1016.9 N	10	36	34	32	6	
25	3 8			1010.0 WSW	10	31	30	28	10	
26	UNL 7	S-		1020.2 ENE	4	33	32	30	9	
27	20 8			1006.5 SSE	8	33	32	32	10	
28	UNL 10			1010.3 ENE	5	40	37	33	1	
29	2	1/2L-F		1014.4 SSE	6	38	38	37	10	
30	UNL 10			1021.1 NNN	4	35	34	32	5	
31	UNL 10			1017.1 N	13	35	34	31	3	
AVG				1012.6	8	36	34	32	7	

ISACHSEN NMT  
JULY 1970 0800 MST

01	2	1/2F		1019.3 CALM	33	33	32	30		
02	12 7			1011.8 N	3	36	34	33	10	
03	UNL 10			1003.1 N	6	40	37	34	9	
04	12 7			998.8 W	10	35	33	31	10	
05	180 7			1000.8 S	6	34	33	32	9	
06	70 7			996.7 S	32	38	36	35	10	
07	200 7			1004.0 SW	14	34	33	30	8	
08	150 10			1010.1 ESE	6	38	35	31	10	
09	80 10			1001.5 S	10	44	41	40	9	
10	UNL 10			1011.1 NW	10	35	33	31	6	
11	100 7			1018.7 W	9	37	36	33	9	
12	UNL 10			1019.4 S	5	45	40	34	6	
13	100 10			1015.7 SW	5	42	39	36	7	
14	80 10			1019.7 N	10	40	38	35	8	
15	UNL 10			1018.1 N	20	40	37	35	4	
16	5 5	F		1014.7 NNN	23	34	32	29	10	
17	UNL 8			1016.6 N	21	35	33	30	6	
18	UNL 10			1015.9 NNE	13	34	34	33	6	
19	12 10			1020.8 ESE	7	35	35	30	10	
20	UNL 10			1019.0 N	23	45	40	33	7	
21	UNL 10			1015.3 N	7	43	40	36	1	
22	UNL 10			1017.8 SW	5	42	39	35	4	
23	85 10			1018.6 S	4	35	34	32	10	
24	UNL 10			1016.3 N	6	37	35	31	7	
25	3 3	S-		1007.5 SW	9	32	31	31	10	
26	15 2	S-		1001.2 CALM	34	33	32	9		
27	15 8			1007.0 SSE	7	35	33	32	10	
28	25 10			1010.2 NNE	10	41	37	31	8	
29	2	3/4L-F		1015.3 SSW	8	39	39	38	10	
30	UNL 8			1020.7 WSW	5	37	35	33	3	
31	UNL 10			1016.0 N	15	40	36	31	1	
AVG				1012.3	10	38	36	33	8	

ISACHSEN NMT  
JULY 1970 1100 MST

01	80 7			1019.0 S	4	34	33	30	9	
02	UNL 3	F		1010.9 W	5	36	35	35	3	
03	UNL 10			1002.8 NNN	10	37	35	33	9	
04	12 7			998.5 W	8	35	34	32	10	
05	180 7			1000.6 S	15	36	36	34	10	
06	70 7			996.7 S	30	37	35	33	10	
07	12 7			1005.2 S	15	35	33	30	6	
08	12 10			1009.9 E	10	37	36	33	10	
09	80 10			1001.5 S	9	45	42	40	8	
10	UNL 10			1012.6 W	10	37	34	30	5	
11	UNL 10			1019.5 N	10	42	38	31	4	
12	UNL 10			1018.9 SW	7	49	44	36	4	
13	7 10			1016.7 NW	7	47	41	36	10	
14	UNL 10			1019.3 NNN	15	45	42	39	7	
15	UNL 10			1017.7 N	25	43	40	36	2	
16	25 10			1014.2 N	28	38	35	32	9	
17	80 10			1016.3 N	23	37	34	30	7	
18	UNL 7			1015.9 N	13	35	32	27	7	
19	12 10			1021.1 SE	10	41	37	33	7	
20	UNL 10			1017.9 NW	12	39	36	33	2	
21	UNL 10			1015.1 N	10	48	42	36	2	
22	UNL 10			1017.9 WSW	8	43	39	34	4	
23	200 10			1018.3 SW	5	38	36	32	8	
24	15 10			1016.2 N	5	39	36	33	9	
25	3	1/2S		1005.3 SSW	13	33	33	32	10	
26	15 7			1001.6 CALM	37	35	32	9		
27	15 8	S-		1007.0 SSE	7	37	35	32	9	
28	25 10			1010.3 NE	13	41	38	33	10	
29	20 10			1016.2 SSW	9	41	40	39	10	
30	UNL 7			1019.9 SW	4	39	37	35	7	
31	UNL 10			1014.9 N	17	41	39	36	4	
AVG				1012.2	12	40	37	34	7	

ISACHSEN NMT  
JULY 1970 1400 MST

01	80 7			1018.1 S	3	38	35	32	9	
02	UNL 7			1009.7 CALM	40	39	36	2		
03	100 10			1002.3 N	10	35	33	30	10	
04	12 7			998.8 W	10	36	34	33	10	
05	12 3	S-		1000.7 S	20	34	33	32	10	
06	70 7			998.0 SSW	12	36	35	33	10	
07	12 7			1006.8 SW	12	36	33	29	6	
08	150 10	R-		1009.2 E	11	38	36	32	10	
09	150 10			1001.9 WSW	15	41	39	36	7	
10	110 10			1014.0 WSW	10	36	34	30	9	
11	UNL 10			1020.4 SSW	9	44	40	35	2	
12	UNL 10			1018.3 SW	7	52	45	39	3	
13	5 10			1017.9 WNW	11	38	36	34	10	
14	140 10			1019.1 N	18	44	41	38	9	
15	UNL 10			1017.7 N	30	48	43	39	1	
16	5 4	F		1014.7 N	24	37	35	33	10	
17	200 10			1016.4 N	20	38	35	31	9	
18	10 7	SW-		1016.3 N	15	35	32	27	8	
19	UN									



## SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Cloud (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

Date	Cloud (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

Date	Cloud (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

Date	Cloud (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

ISACHSEN NHT  
AUGUST 1970 0200 MST

01 UNL 10	1013.1 N	20	37	35	32	1
02 UNL 10	1011.8 N	6	33	31	28	8
03 7 5	1006.3 NNW	6	34	33	32	10
04 40 10	1011.9 N	10	35	34	31	10
05 30 10	1015.1 N	5	36	35	32	9
06 15 10	1010.9 N	8	36	35	32	9
07 5 7	1012.5 N	8	34	33	32	10
08 UNL 10	1016.1 N	1	31	30	29	2
09 UNL 10	1020.3 CALM		40	37	35	8
10 UNL 10	1022.4 CALM		35	33	31	5
11 UNL 10	1021.1 NE	1	39	36	32	3
12 UNL 10	1020.0 N	9	30	29	27	9
13 180 7	1014.7 NW	5	29	28	26	10
14 15 8	1006.4 N	7	29	28	26	10
15 UNL 8	1003.8 N	25	31	30	29	9
16 10 10	1006.6 NNW	22	33	31	30	10
17 6 7	1005.7 NNW	20	33	32	31	10
18 10 2	1008.1 NNW	17	33	32	31	10
19 15 10	1009.4 N	9	31	30	28	8
20 12 10	1010.7 NNE	6	30	29	25	8
21 UNL 10	1011.6 NNW	7	30	29	28	3
22 10 10	1009.2 E	6	28	27	24	9
23 13 8	1014.1 SE	9	31	30	28	9
24 10 4	1017.7 S	27	34	33	33	10
25 4 2	1020.9 WSW	9	30	29	28	6
26 UNL 10	1022.2 E	8	27	26	24	4
27 120 10	1012.0 E	13	32	31	28	9
28 4 3	1011.7 E	2	35	34	31	10
29 4 3/4F	1008.8 SSE	19	33	32	31	10
30 12 10	1003.6 SW	21	29	28	26	10
31 12 10	1002.4 S	18	29	27	25	9
AVG	1012.3	10	33	31	29	8

ISACHSEN NHT  
AUGUST 1970 0800 MST

01 UNL 10	1012.6 NNE	15	37	36	33	2
02 UNL 10	1010.1 CALM		34	32	28	7
03 10 8	1006.1 NNE	9	35	33	30	10
04 10 10	1013.3 N	8	37	35	32	10
05 30 10	1014.6 N	6	38	35	29	10
06 15 8	1010.0 N	14	33	31	30	10
07 85 8	1012.7 N	10	35	34	32	9
08 UNL 10	1017.7 CALM		37	34	30	1
09 UNL 10	1021.0 WSW	5	39	37	34	4
10 UNL 10	1022.3 SW	4	40	38	35	3
11 UNL 10	1020.0 N	14	42	37	29	1
12 UNL 10	1019.4 NNW	12	33	32	31	3
13 120 7	1012.0 NNW	9	31	30	28	9
14 12 8	1005.0 N	10	31	30	29	10
15 180 3	1003.9 N	30	33	32	29	10
16 9 7	1006.2 NNW	21	33	32	30	10
17 7 2	1005.0 NW	20	33	32	31	10
18 3 1	1008.6 NW	15	33	32	31	10
19 100 8	1009.4 NW	13	33	32	30	6
20 15 10	1011.7 N	2	33	32	30	8
21 UNL 10	1008.5 N	30	35	32	27	4
22 8 10	1010.1 SE	5	30	30	28	8
23 8 8	1017.0 SSE	15	32	31	30	10
24 4 6	1017.7 S	16	33	33	32	10
25 UNL 10	1022.3 WSW	9	32	32	31	4
26 UNL 10	1019.7 E	13	29	28	27	8
27 15 10	1011.3 E	16	34	33	32	10
28 10 2	1012.0 SW	7	35	34	32	10
29 80 10	1004.9 S	25	34	32	30	10
30 12 8	1006.5 SSW	18	29	28	26	10
31 12 10	1001.2 S	16	30	29	27	10
AVG	1012.0	12	34	33	30	8

ISACHSEN NHT  
AUGUST 1970 1400 MST

01 UNL 10	1012.9 N	12	41	38	34	4
02 15 8	1008.3 SSE	5	40	39	37	10
03 15 8	1007.3 N	11	38	35	32	10
04 8 10	1014.5 N	8	38	36	34	10
05 20 10	1013.1 NNW	8	42	39	35	8
06 8 8	1010.2 N	16	35	33	31	10
07 8 8	1013.9 N	5	35	34	31	10
08 UNL 10	1018.6 SW	2	46	42	36	0
09 UNL 10	1021.8 SW	10	39	36	32	1
10 UNL 10	1022.2 WSW	6	47	42	36	2
11 UNL 10	1019.6 N	16	45	40	34	0
12 UNL 10	1018.0 NNW	12	35	33	30	8
13 10 10	1010.0 NNW	8	33	32	31	9
14 20 8	1004.8 N	13	33	32	32	10
15 15 7	1004.9 NNW	33	34	32	29	10
16 5 7	1006.1 NW	27	33	32	30	10
17 7 11/2S-F	1005.0 NNW	24	34	33	32	10
18 15 10	1009.2 NW	20	35	33	30	9
19 10 7	1009.5 NW	15	32	31	31	8
20 15 10	1012.0 N	7	35	33	30	10
21 UNL 10	1008.0 N	28	39	36	32	1
22 UNL 10	1011.2 SW	5	38	36	32	2
23 UNL 10	1018.2 SSE	21	36	35	32	4
24 4 3/4F	1018.6 WSW	11	36	34	33	10
25 UNL 10	1023.3 SW	10	33	32	30	1
26 UNL 10	1016.4 E	16	33	32	31	8
27 6 10	1011.0 E	16	38	37	37	10
28 15 1/2F	1012.2 WSW	9	36	36	35	10
29 8 6	1001.3 S	30	35	34	33	10
30 12 8	1005.1 SSK	23	31	29	27	10
31 12 10	1003.2 WSW	16	25	24	21	10
AVG	1012.0	14	36	35	32	7

ISACHSEN NHT  
AUGUST 1970 2000 MST

01 15 10	1012.6 N	8	36	34	32	9
02 UNL 7	1007.1 NE	6	38	37	35	8
03 8 10	1009.7 N	12	36	35	32	10
04 20 10	1014.9 N	5	38	36	33	10
05 25 10	1011.9 N	6	41	38	35	9
06 5 5	1011.4 N	10	34	33	32	10
07 UNL 8	1014.4 NNE	2	36	34	31	8
08 UNL 10	1019.4 CALM		45	41	37	3
09 UNL 10	1022.0 WSW	3	38	35	32	5
10 UNL 10	1021.6 NNW	7	47	43	39	4
11 UNL 10	1019.7 N	14	36	34	30	3
12 10 10	1017.1 N	8	33	31	29	10
13 15 7	1008.1 NW	9	31	31	29	10
14 15 10	1004.8 N	15	31	30	29	10
15 10 10	1005.2 NNW	28	33	32	32	10
16 6 8	1006.2 NW	18	34	32	31	10
17 12 2	1006.9 NW	20	34	33	32	10
18 19 3	1009.4 NNW	13	34	32	30	9
19 10 8	1010.1 NNW	11	32	31	31	9
20 12 10	1012.1 N	12	35	33	31	8
21 UNL 10	1007.7 NNE	21	33	31	27	3
22 12 10	1012.6 NNE	2	36	36	35	6
23 12 6	1018.1 S	22	35	33	31	10
24 UNL 2	1019.5 W	11	31	31	29	6
25 UNL 10	1023.2 WSW	3	30	30	28	2
26 130 10	1013.9 E	18	32	31	30	7
27 4 3	1011.0 NE	10	38	37	37	10
28 4 2	1011.3 S	13	35	34	34	8
29 10 10	1002.2 W	12	31	30	29	10
30 12 10	1006.1 S	10	34	33	32	10
31 12 10	1005.9 SW	15	26	25	22	9
AVG	1012.1	11	35	33	31	8

ISACHSEN NHT  
AUGUST 1970 0500 HST

01 UNL 10	1012.8 NNE	24	37	34	32	2
02 UNL 10	1011.1 NNE	4	35	32	28	6
03 10 8	1006.4 N	7	33	32	29	10
04 8 10	1012.9 N	7	35	34	32	10
05 20 10	1013.0 N	5	37	35	32	10
06 15 4	1010.6 NNW	12	32	31	29	9
07 5 10	1012.8 N	13	35	34	32	10
08 UNL 10	1017.3 CALM		32	31	31	1
09 UNL 10	1020.9 CALM		39	37	36	2
10 UNL 10	1022.5 CALM		35	33	30	3
11 UNL 10	1021.2 N	4	39	36	31	2
12 UNL 10	1019.8 N	15	31	30	28	3
13 120 5	1013.8 NNW	8	30	29	27	10
14 10 6	1005.8 NNW	10	30	29	27	10
15 180 7	1003.0 N	32	32	31	29	10
16 8 8	1006.9 NNW	24	32	31	31	10
17 12 3	1005.7 NW	23	32	31	30	10
18 10 1	1008.5 NNW	16	33	32	31	10
19 15 6	1009.4 NW	7	31	31	29	9
20 UNL 10	1011.6 N	8	31	30	28	6
21 UNL 10	1010.9 N	17	32	31	30	1
22 UNL 1/4F	1010.0 SSW	2	27	27	25	9
23 10 8	1016.4 SSE	15	31	30	29	10
24 4 6	1017.7 S	23	33	33	32	10
25 8 1	1021.8 W	7	31	30	29	7
26 UNL 10	1021.2 E	10	27	26	24	8
27 15 10	1011.8 E	15	33	32	32	10
28 15 10	1013.1 SW	1	35	35	34	9
29 10 8	1006.8 SSE	22	34	33	32	9
30 12 8	1004.5 SSW	20	28	27	25	10
31 20 10	1001.7 S	16	28	27	25	8
AVG	1012.4	12	33	31	30	8

ISACHSEN NHT  
AUGUST 1970 1100 MST

01 UNL 10	1012.6 N	14	40	37	34	3
02 UNL 10	1009.3 WSW	2	39	35	29	2
03 15 10	1006.4 NNE	5	38	36	32	10
04 8 10	1013.9 N	7	39	37	35	10
05 30 10	1014.0 N	6	40	37	33	10
06 8 8	1010.0 N	13	34	32	29	10
07 8 8	1013.1 N	10	36	34	32	10
08 UNL 10	1018.1 CALM		42	38	33	0
09 UNL 10	1021.0 SW	10	40	38	35	6
10 UNL 10	1022.3 SW	5	45	41	37	3
11 UNL 10	1019.4 N	12	45	40	34	1
12 UNL 10	1019.3 N	16	35	33	30	5
13 10 8	1011.0 NW	7	32	31	29	9
14 20 7	1004.7 N	11	32	31	31	10
15 15 5	1006					

## SYNOPTIC OBSERVATIONS

ISACHSEN

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)	Sea State (Beaufort)
------	---------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	----------------------

ISACHSEN NMT  
SEPTEMBER 1970 0200 MST

01	10	5	S-	1007.0	SSW	25	25	24	22	10
02	10	8		1020.8	NNW	15	25	24	22	10
03	10	8		1019.6	NNW	14	28	27	25	10
04	10	5	F	1019.4	NNW	13	27	26	23	10
05	90	10		1016.1	SSE	2	23	22	17	9
06	8	10		1011.0	SSE	20	23	22	19	10
07	12	10		1010.3	S	20	31	29	20	10
08	15	10		1011.5	SE	8	30	28	26	10
09	15	10		1015.8	N	15	26	25	23	10
10	15	8	S-	1012.0	NW	18	24	23	21	10
11	5	4	F	1013.7	SM	6	29	29	27	10
12	5	3	S-	1011.8	S	10	29	29	28	10
13	10	1	F	1006.3	NNW	6	28	27	26	10
14	15	7	S-	997.0	SSE	26	25	24	22	10
15	9	2	F	1000.3	E	6	19	19	16	10
16	50	6	S-	1006.4	E	7	23	23	21	10
17	40	10		1009.6	N	12	22	22	20	10
18	UNL	10		1010.2	N	20	19	19	16	5
19	UNL	3	IC	1010.6	S	4	14	13	10	10
20	UNL	10		1010.8	CALM	9	9	7	6	10
21	10	4	S-	1007.6	S	8	25	25	20	10
22	30	6	S-	1022.7	CALM	3	4	2	9	10
23	80	6	S-	1022.3	E	13	15	16	14	10
24	13	10	S-	1023.3	SSE	8	25	25	25	10
25	10	1	1/2ZL-F	1019.8	CALM	25	25	25	20	10
26	UNL	10		1011.7	CALM	10	10	9	3	10
27	170	10		1004.2	N	4	4	3	3	10
28	50	7	S-	999.6	CALM	18	17	14	10	10
29	60	1	S-	994.6	NE	3	11	10	4	10
30	50	3	S-	994.7	S	8	7	6	1	10

AVG 1010.6 10 21 20 18 9

ISACHSEN NMT  
SEPTEMBER 1970 0500 MST

01	12	8		1008.4	WSW	20	21	21	17	9
02	15	8		1022.0	WSW	14	22	21	18	10
03	5	8		1019.2	NNW	14	28	28	26	10
04	15	6	S-F	1019.5	NN	11	26	25	22	8
05	15	10		1015.4	S	12	25	24	21	10
06	UNL	4	S-F	1011.0	SE	24	25	24	22	10
07	15	10		1010.6	S	18	31	30	29	10
08	35	10		1012.1	SSE	6	30	29	28	10
09	UNL	10		1016.2	NNW	7	21	20	18	3
10	15	10	S-	1012.0	NNW	9	24	23	21	10
11	50	7	S-F	1014.0	WSW	13	27	26	25	10
12	5	4	S-	1011.6	S	9	29	29	28	10
13	7	10		1004.5	NNW	2	27	26	25	10
14	100	7		997.5	SSE	16	23	22	20	10
15	UNL	10		1001.1	NNW	4	14	13	9	8
16	8	8		1005.7	E	6	24	24	21	10
17	40	10		1010.5	N	10	23	22	21	9
18	UNL	10	3/4F	1010.2	NNW	26	17	17	14	5
19	10	10		1011.0	NNW	9	14	13	10	10
20	UNL	10		1012.7	CALM	13	14	13	7	10
21	3	4	S-F	1008.5	SW	8	22	22	20	10
22	UNL	1/4F		1023.6	CALM	3	4	3	8	10
23	70	3	S-F	1022.2	E	17	16	16	16	10
24	7	5	S-F	1023.5	SSE	6	25	26	25	10
25	UNL	1/4ZL-F		1018.8	CALM	24	24	24	8	10
26	UNL	10		1011.1	CALM	9	10	9	3	10
27	90	10		1003.6	E	5	10	9	4	10
28	50	3	S-	999.2	NNW	2	19	19	16	10
29	50	1	S-	994.2	CALM	12	12	10	10	10
30	UNL	7		996.3	SE	6	0	-1	-9	5

AVG 1010.8 9 20 20 18 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)	Sea State (Beaufort)
------	---------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	----------------------

ISACHSEN NMT  
SEPTEMBER 1970 0800 MST

01	10	6	S-	1010.2	M	19	22	21	18	9
02	15	3/4F		1022.3	WSW	11	24	23	21	10
03	5	8		1018.6	NN	11	30	30	29	10
04	8	5	S-	1019.4	NN	10	26	25	22	10
05	12	8		1014.4	S	15	26	25	22	10
06	UNL	10	F	1010.5	SSE	20	25	24	22	10
07	30	10		1011.1	SSE	16	32	30	28	10
08	80	10	S-	1012.5	SSE	6	30	29	27	10
09	UNL	10		1016.3	NNE	6	19	19	16	3
10	70	8		1011.5	NN	12	23	22	20	8
11	2	3	S-F	1013.9	SSW	6	28	27	26	10
12	6	1/2S		1011.3	S	2	30	29	28	10
13	6	1	F	1002.5	CALM	27	27	26	10	10
14	15	2	S-	997.5	SSE	17	25	24	23	9
15	UNL	10		1001.3	M	4	17	16	13	8
16	UNL	1/8F		1006.3	SE	2	22	22	20	9
17	50	10		1010.5	N	21	21	19	9	10
18	UNL	4	BS	1008.8	NNW	29	17	17	15	5
19	3	1/8F		1010.8	N	7	16	16	14	10
20	50	10		1009.8	E	1	19	19	18	10
21	UNL	8	S-	1010.3	M	14	17	18	17	8
22	12	10		1023.6	ENE	2	4	4	3	9
23	12	5	S-F	1021.6	E	12	17	17	10	10
24	7	8		1023.5	SE	8	25	25	25	10
25	UNL	5		1017.4	CALM	20	21	20	9	10
26	UNL	10		1010.1	CALM	6	6	2	9	10
27	90	10		1002.6	CALM	14	13	8	10	10
28	5	2	S-	998.7	CALM	19	19	15	10	10
29	40	1	S-	993.6	SSE	4	13	13	10	10
30	UNL	8		996.9	E	9	-1	-2	-11	2

AVG 1010.6 9 20 20 18 9

ISACHSEN NMT  
SEPTEMBER 1970 1100 MST

01	6	8		1012.0	WSW	17	22	21	18	10
02	6	10		1022.3	M	19	28	28	26	10
03	10	10		1018.6	NN	21	31	30	29	10
04	UNL	10		1019.4	M	9	26	25	22	7
05	UNL	10	S-	1014.0	SSE	16	26	25	22	4
06	12	8		1010.1	S	30	30	29	27	10
07	30	10		1011.1	SE	15	33	31	29	10
08	80	10	S-	1012.9	S	7	31	30	28	10
09	25	10		1015.5	NNW	12	23	22	20	10
10	50	10		1011.8	SW	12	23	22	19	9
11	3	8		1013.6	SW	12	30	30	28	10
12	20	2	S-	1011.2	CALM	30	29	28	10	10
13	6	3/4F		1001.0	M	4	27	27	25	10
14	180	10		998.1	SE	22	25	24	22	8
15	180	10		1001.4	N	8	19	19	16	9
16	30	10		1007.1	NNW	8	21	21	18	9
17	50	10		1010.4	NNW	14	23	23	21	8
18	UNL	5	BS	1008.6	NNW	25	19	19	17	8
19	UNL	1/8F		1010.7	NN	3	15	14	9	10
20	UNL	1	F	1002.5	S	7	19	20	19	7
21	10	8		1012.9	M	13	15	15	10	10
22	UNL	10	S-	1023.3	ENE	6	10	10	9	8
23	10	11/25-F		1021.7	E	12	19	20	19	10
24	7	11/25-F		1023.6	SE	5	26	26	26	10
25	UNL	6	F	1016.3	NNW	5	20	20	25	10
26	UNL	10		1009.3	NE	2	6	5	-3	8
27	100	10	S-	1002.5	S	6	16	15	11	10
28	15	1	S-	997.8	M	6	17	16	12	10
29	80	4	S-	994.2	S	9	9	9	6	8
30	UNL	8		996.8	E	9	4	3	-4	9

AVG 1010.6 11 21 21 19 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)	Sea State (Beaufort)
------	---------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	----------------------

ISACHSEN NMT  
SEPTEMBER 1970 1400 MST

01	10	8		1013.8	M	20	25	24	21	9
02	15	8	S-	1022.1	M	16	28	28	26	9
03	12	10		1018.8	NN	18	31	30	28	9
04	UNL	10		1019.6	NNW	4	28	28	21	7
05	UNL	10		1013.4	SSE	20	26	25	22	8
06	12	8		1010.1	SSE	27	30	29	27	10
07	35	10		1010.9	SE	15	33	31	28	9
08	25	10	S-	1013.7	S	1	31	30	27	10
09	25	10	S-	1015.3	NNW	12	25	24	20	10
10	12	10		1012.1	NNW	5	24	23	20	9
11	8	8		1013.6	SSW	10	31	30	28	10
12	25	8	S-	1011.0	NNW	6	28	28	26	8
13	4	11/25-		999.9	SE	10	28	28	27	10
14	10	10		998.6	SE	19	26	25	23	9
15	UNL	10		1002.1	M	6	20	19	17	7
16	20	10		1007.9	N	5	24	24	23	9
17	UNL	10		1010.7	NNE	13	21	21	19	8
18	UNL	8	S-	10						

## SYNOPTIC OBSERVATIONS

ISACHSEN

Date	Calling (100% RJ)	Visibility (inlet)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knot)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hect)
------	-------------------	--------------------	-----------------	-------------------------	----------------	-------------------	---------------	---------------	----------------	------------------

ISACHSEN NMT  
OCTOBER 1970 0200 MST

01 UNL 7				997.8 ENE	14	7	6	-1	3	
02 UNL 7	IC			1004.1 ENE	9	12	11	5	7	
03 160	3/4BS			1008.3 E	32	19	18	15	10	
04 20 7	S-			1010.3 SSE	16	8	7	0	10	
05 UNL 10				1013.9 SSE	9	-4	-5	-18	2	
06 11 8	IC			1015.9 S	4	-1	-2	-12	10	
07 35 5	S-			1015.3 E	1	-2	-3	-10	10	
08 35 8				1009.9 SE	20	11	10	4	8	
09 15 6	S-			997.4 SW	12	-7	-8	-23	10	
10 UNL 10				1011.5 CALM	-19	-20	-38	0	0	
11 15 6	S-			1017.7 ESE	3	-15	-15	-19	9	
12 20 8	IC			1008.2 CALM	-10	-10	-15	10	10	
13 20 6	S-			1009.4 CALM	-13	-13	-18	9	9	
14 180 3	BS			1005.8 SW	15	-7	-7	-13	10	
15 UNL 8	IC			1006.7 SW	14	-10	-10	-15	2	
16 UNL 10				1009.7 SSE	10	-19	-19	-24	5	
17 70 3	IF			1005.5 SSE	16	-11	-11	-16	10	
18 UNL 8	IC			1012.6 SW	10	-11	-11	-25	3	
19 UNL 6	IC			1027.5 SSE	7	-11	-11	-14	4	
20 UNL 21/2ICIF				1022.1 N	10	-14	-14	-17	3	
21 UNL 1	BS			1026.9 NNM	20	-16	-16	-20	3	
22 UNL 1	BS			1029.1 N	17	-11	-11	-15	1	
23 170 10				1023.9 E	12	0	0	-5	10	
24 8 8	IC			1009.1 S	17	15	15	12	10	
25 15 7	S-			1009.2 ESE	23	23	23	21	15	
26 10 3	BS			1015.4 WSW	28	3	3	0	10	
27 UNL 10				1032.2 N	10	-16	-16	-19	0	
28 UNL 6	BS			1018.5 N	17	-5	-5	-9	5	
29 100 5	S-			1014.8 ESE	11	-1	-1	-4	10	
30 UNL 5	IC			1009.2 SSE	8	-2	-2	-5	10	
31 40 3	S-			1010.3 CALM	11	11	8	10	10	
AVG				1013.2	12	-3	-3	-9	7	

ISACHSEN NMT  
OCTOBER 1970 0500 MST

01 UNL 7				998.0 E	17	11	10	5	5	
02 UNL 8				1006.3 E	15	10	9	3	7	
03 3	1/2BS			1007.1 E	32	19	19	16	10	
04 20 10				1010.6 E	17	3	2	-5	9	
05 UNL 10				1015.3 SSE	13	-7	-8	-18	2	
06 12 10	S-			1015.0 E	9	-2	-3	-14	9	
07 35 8	BS			1015.2 SE	6	2	1	-7	10	
08 35 5	BS			1007.2 ESE	31	8	7	0	10	
09 UNL 10				998.6 SSW	8	-14	-15	-35	5	
10 UNL 10				1013.2 SSW	2	-18	-19	-39	4	
11 UNL 6	IC			1016.9 ESE	5	-16	-16	-21	3	
12 20 7	IC			1007.4 SSE	4	-10	-10	-15	9	
13 20 6	S-			1009.7 CALM	-11	-11	-15	10	10	
14 180 3	BS			1005.3 SW	14	-6	-6	-11	10	
15 UNL 7	IC			1007.7 SW	11	-17	-16	-19	4	
16 UNL 7	IC			1008.9 SE	7	-19	-19	-26	10	
17 UNL 2	BS			1005.5 SSW	20	-10	-10	-15	6	
18 UNL 8	IC			1015.4 SSW	3	-10	-10	-14	7	
19 UNL 8	IC			1027.7 S	6	-10	-10	-15	7	
20 UNL 3	ICIF			1022.0 N	8	-16	-16	-19	3	
21 UNL 11/2BS				1027.5 NNM	24	-17	-17	-20	2	
22 UNL 2	ICIF			1026.2 NNE	4	-11	-11	-16	1	
23 150 10				1023.3 SE	6	2	2	-2	10	
24 45 8	IC			1011.3 SW	4	13	13	10	10	
25 12 7	S-			1007.3 SSE	15	22	22	20	10	
26 UNL 7				1019.4 WSW	18	-3	-3	-8	2	
27 UNL 10				1029.1 ENE	10	-8	-8	-12	0	
28 UNL 8				1019.9 N	11	-11	-11	-16	0	
29 90 5	S-			1013.3 ENE	8	-1	-1	-5	8	
30 UNL 5	IC			1008.1 SE	10	1	1	-3	10	
31 17 7				1012.7 NW	8	14	14	11	10	
AVG				1013.3	11	-4	-4	-10	7	

Date	Calling (100% RJ)	Visibility (inlet)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knot)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hect)
------	-------------------	--------------------	-----------------	-------------------------	----------------	-------------------	---------------	---------------	----------------	------------------

ISACHSEN NMT  
OCTOBER 1970 0800 MST

01 20 1	BS			998.3 E	20	15	14	11	10	
02 UNL 4	BS			1005.6 E	20	18	17	13	7	
03 160	3/4BS			1004.9 ENE	31	20	19	16	10	
04 UNL 10				1010.1 E	19	3	2	-5	3	
05 UNL 8				1017.0 SSE	12	-7	-9	-28	5	
06 12 5	S-T			1014.4 E	11	3	2	-5	10	
07 35 5	S-T			1015.2 E	5	3	3	-5	10	
08 30	3/4BS			1004.1 ESE	28	10	9	3	9	
09 UNL 10				1000.1 ESE	5	-17	-18	-34	5	
10 UNL 6	IF			1014.6 SSW	6	-14	-15	-27	7	
11 70 5	S-T			1015.6 SE	3	-18	-18	-19	10	
12 UNL 7	IC			1006.9 ENE	2	-14	-13	-17	5	
13 20 5	S-F			1009.3 CALM	-10	-10	-14	10	10	
14 20 2	BS			1005.2 SW	17	-4	-4	-8	9	
15 UNL 7	IC			1009.0 SW	8	-23	-23	-27	2	
16 UNL 7	IC			1007.1 ESE	5	-20	-20	-27	8	
17 70 2	BS			1006.2 S	23	-9	-9	-13	10	
18 UNL 10	BS			1017.6 SSW	10	-5	-5	-8	9	
19 UNL 10	ICIF			1027.2 S	2	-12	-12	-16	4	
20 UNL 10				1021.2 NNM	18	-14	-14	-18	0	
21 UNL 4	IF			1028.9 N	13	-18	-18	-21	1	
22 UNL 10	IC			1026.7 NNE	8	-7	-7	-10	1	
23 50 10				1021.6 E	13	2	2	-4	10	
24 12 8	IC			1012.8 NNM	6	11	11	8	10	
25 15 5	BS			1006.3 S	25	25	24	10	4	
26 UNL 8	IC			1023.1 WSW	18	-7	-8	-13	1	
27 UNL 10				1025.1 NE	10	-3	-3	-8	7	
28 UNL 10				1020.6 WNW	3	-11	-11	-16	6	
29 35 10				1012.1 E	9	2	2	-1	9	
30 10 7	IC			1008.0 ESE	10	7	7	4	9	
31 20 2	BS			1016.6 NW	20	7	7	4	9	
AVG				1013.3	12	-3	-3	-8	7	

ISACHSEN NMT  
OCTOBER 1970 1100 MST

01 40 1	BS			999.2 ENE	22	14	13	10	8	
02 UNL 10				1005.6 E	23	20	20	16	9	
03 6	3/4BS			1003.0 E	24	22	21	18	10	
04 20 8				1009.7 ESE	25	7	6	0	9	
05 20 7				1017.3 S	21	-4	-5	-17	8	
06 10 4	S-F			1014.2 SE	9	5	4	-4	10	
07 25 3	S-F			1015.1 ESE	8	5	4	-3	10	
08 25	3/4BS			1002.0 ESE	32	11	10	4	10	
09 UNL 10				1000.9 E	2	-16	-17	-32	2	
10 UNL 6	IF			1015.6 SE	2	-13	-14	-26	6	
11 UNL 5	IC			1014.5 ESE	9	-16	-15	-19	2	
12 UNL 7				1007.2 N	5	-14	-14	-17	1	
13 20 3	S-F			1008.9 WSW	9	-9	-9	-12	9	
14 UNL 2	BS			1005.2 SW	12	-7	-6	-10	9	
15 UNL 2	IF			1010.0 SSW	3	-22	-22	-24	1	
16 180 7	IC			1006.5 SE	6	-20	-20	-27	10	
17 160 2	BS			1006.1 S	21	-10	-10	-14	10	
18 UNL 8	IC			1020.3 SSW	9	-8	-8	-12	6	
19 UNL 10	IC			1026.5 WNW	1	-13	-12	-16	4	
20 UNL 3	IF			1021.5 N	20	-15	-15	-19	1	
21 UNL 1	1/2IF			1029.4 NNM	17	-17	-17	-21	5	
22 UNL 10				1026.0 ENE	12	-2	-2	-5	3	
23 70 10				1019.1 ENE	17	3	3	-2	10	
24 4	3/BS-IF			1014.5 NE	3	11	10	7	10	
25 4	3	S-F		1005.5 S	22	26	26	25	10	
26 UNL 10				1027.2 SW	8	-11	-11	-16	1	
27 60 8				1021.2 NE	16	-2	-2	-7	10	
28 UNL 10				1020.0 N	10	-13	-13	-18	4	
29 8 4	S-F			1014.1 ENE	4	2	2	-1	10	
30 10 7				1006.7 ESE	12	9	9	6	10	
31 UNL 4	F			1021.1 WNW	10	-4	-4	-9	3	
AVG				1013.3	13	-3	-3	-8	7	

Date	Calling (100% RJ)	Visibility (inlet)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knot)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (hect)
------	-------------------	--------------------	-----------------	-------------------------	----------------	-------------------	---------------	---------------	----------------	------------------

ISACHSEN NMT  
OCTOBER 1970 1400 MST

01 30 1	BS			999.5 ENE	21	13	13	9	9	
02 UNL 10				1009.3 SSE	22	15	15	10	9	
03 30 8				1005.9 S	15	8	7	0	9	
04 20 7				1009.7 ESE	25	9	8	3	10	
05 20 10				1017.6 S	17	-2	-3	-14	9	
06 12 5	S-F			1014.3 S	6	6	5	-3	10	
07 25 4	S-F			1015.3 SE	11	5	4	-4	9	
08 25	3/4BS			999.8 E	33	10	9	3	10	
09 UNL 10				1002.6 N	6	-16	-16	-30	2	
10 UNL 8	IC			1016.9 SSW	5	-12	-13	-24	7	
11 100 5	S-F			1013.7 ESE	3	-15	-14	-18	10	
12 UNL 7				1007.9 N	5	-18	-17	-21	8	
13 20 4	S-F			1008.6 SW	9	-9	-9	-13	10	
14 UNL 3	FBS			1005.8 SSW	12	-8	-8	-12	6	
15 UNL 10				1010.8 SSW	7	-22	-22</			

## SYNOPTIC OBSERVATIONS

ISACHSEN

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

ISACHSEN NMT  
NOVEMBER 1970 0200 MST

01 UNL 10	1031.2	E NE	4	-18	-18	-22	0			
02 2 1/8SB	999.2	SE	37	11	11	7	10			
03 20 3 S-	1011.0	W	19	-4	-4	-9	10			
04 UNL 10	1017.4	N	4	-11	-11	-20	0			
05 UNL 1 BS	1023.0	N	34	-9	-9	-13	2			
06 UNL 10	1019.0	N	16	-15	-15	-20	0			
07 UNL 10 IC	1014.0	CALM		-25	-25	-29	0			
08 UNL 5 ICIF	1009.3	NNW	16	-21	-21	-28	0			
09 28 8	1016.7	N	20	0	0	-4	10			
10 UNL 10	1017.5	N	32	0	0	-4	6			
11 UNL 10	1021.9	CALM		-16	-16	-21	8			
12 UNL 10	1017.5	E	9	-8	-8	-12	10			
13 UNL 10	1014.5	E	3	-18	-18	-23	1			
14 100 10	1018.9	E	10	-19	-19	-24	10			
15 UNL 7 IC	1021.4	NNE	13	-17	-17	-22	9			
16 UNL 6 IC	1023.3	WSW	2	-15	-15	-19	9			
17 UNL 10 IC	1020.6	NNE	2	-23	-23	-27	0			
18 UNL 10	1013.9	E	4	-37						
19 UNL 10	1010.3	E	7	-17	-17	-23	0			
20 UNL 10	1006.4	ENE	15	-2	-2	-6	6			
21 15 5 S-	997.3	N	10	3	3	0	10			
22 15 5 S-	1014.2	SSW	14	-13	-13	-18	10			
23 UNL 7 IC	1022.2	SE	5	-28	-28	-34	0			
24 UNL 7 IC	1023.5	ESE	5	-31	-31	-40	0			
25 UNL 1 1/2IFBS	1002.5	N	25	-25	-25	-33	8			
26 150 2 IF	1007.6	NNW	15	-36			6			
27 UNL 3 IC	1028.3	SE	9	-36			1			
28 UNL 6 IC	1008.1	N	10	-37			0			
29 UNL 3 BS	1001.2	NNW	10	-28	-28	-36	10			
30 UNL 5 IC	1008.2	N	13	-32	-32	-38	0			

AVG 1014.7 12 -17 -17 -22 5

ISACHSEN NMT  
NOVEMBER 1970 0500 MST

01 UNL 10	1030.8	E	6	-13	-13	-17	0			
02 2 1/8SB	995.2	SE	27	19	19	16	10			
03 15 1 S-BS	1010.9	W	26	-3	-3	-8	10			
04 UNL 10 IC	1019.3	NNW	8	-11	-11	-19	0			
05 UNL 5 3/4BS	1021.9	N	40	-12	-12	-17	4			
06 UNL 10	1018.1	N	23	-16	-16	-21	0			
07 UNL 10	1011.7	CALM		-28	-28	-32	0			
08 5 1/2IFBS	1010.5	N	13	-18	-18	-22	10			
09 19 1 BS	1016.4	N	25	0	0	-4	10			
10 UNL 2 BS	1017.6	N	35	-2	-2	-5	6			
11 UNL 10	1021.8	N	2	-17	-17	-22	9			
12 UNL 10	1015.9	SSE	3	-7	-7	-11	4			
13 UNL 10	1015.2	N	8	-21	-21	-26	2			
14 100 7 IC	1019.0	ENE	10	-13	-13	-17	10			
15 UNL 5 ICIF	1022.0	NNE	12	-19	-19	-24	2			
16 UNL 6 IC	1021.4	WSW	7	-15	-15	-19	8			
17 UNL 10 IC	1020.5	NNE	1	-26	-26	-32	0			
18 UNL 10 IC	1012.8	SW	1	-38			0			
19 UNL 10	1010.0	SE	3	-20	-20	-29	0			
20 UNL 10	1004.6	NE	24	4	4	-1	6			
21 12 4 S-	998.2	N	5	1	1	-3	10			
22 UNL 6 IC	1017.3	S	15	-18	-18	-23	7			
23 UNL 8 IC	1022.6	SE	3	-28	-28	-34	4			
24 UNL 10 IC	1023.3	SE	2	-35			0			
25 1 1/2BS	997.5	NNW	20	-26	-26	-30	10			
26 UNL 2 BS	1009.6	W	10	-36			4			
27 UNL 6 IC	1028.8	SE	4	-35			0			
28 UNL 6 IC	1006.8	N	10	-35			0			
29 UNL 7	1001.3	NW	10	-29	-29	-37	7			
30 UNL 7	1009.6	N	15	-31	-31	-37	0			

AVG 1014.4 12 -18 -18 -23 4

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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

ISACHSEN NMT  
NOVEMBER 1970 0800 MST

01 40 10	1029.1	E	8	-1	-1	-5	8			
02 10 8	995.2	SE	10	18	17	15	10			
03 15 1 S-BS	1011.1	W	22	-1	-1	-5	10			
04 20 10	1020.5	NNW	18	-3	-3	-8	10			
05 UNL 11/2BS	1023.5	N	31	-11	-11	-15	2			
06 UNL 10	1018.0	N	10	-17	-17	-22	0			
07 UNL 10	1009.7	CALM		-28	-28	-32	0			
08 2 1/2IFBS	1021.9	N	12	-13	-13	-17	10			
09 19 2 BS	1015.8	N	36	-5	-5	-8	8			
10 UNL 3 BS	1017.7	N	38	-5	-5	-8	0			
11 UNL 10	1021.9	ESE	5	-18	-18	-25	7			
12 UNL 10	1014.3	E	11	-10	-10	-16	1			
13 UNL 10 IC	1016.3	SE	7	-26	-26	-32	0			
14 90 6 S-F	1018.8	ENE	10	-13	-13	-18	10			
15 UNL 3 ICIF	1023.0	N	14	-21	-21	-26	1			
16 70 5 S-	1019.1	WSW	4	-14	-14	-19	10			
17 UNL 10	1020.2	CALM		-26	-26	-32	0			
18 UNL 10 IC	1011.9	CALM		-37			0			
19 UNL 10	1009.6	S	2	-15	-15	-20	1			
20 UNL 2 BS	1003.3	NE	25	5	5	0	8			
21 15 6 S-	999.3	SW	9	-3	-3	-8	10			
22 UNL 6 IC	1018.7	S	10	-19	-19	-23	5			
23 UNL 6 IC	1022.9	SE	8	-26	-26	-32	7			
24 UNL 10 IC	1022.5	CALM		-33	-33	-39	0			
25 1 1/2BS	995.2	N	25	-26	-26	-32	10			
26 UNL 4 IC	1012.8	SW	8	-40			5			
27 UNL 4 IC	1028.1	SE	4	-37			0			
28 UNL 5 IC	1004.3	N	5	-35			4			
29 UNL 7	1002.2	N	15	-31	-31	-40	8			
30 UNL 6 IC	1011.2	N	13	-33	-33	-39	0			

AVG 1014.3 12 -18 -18 -23 5

ISACHSEN NMT  
NOVEMBER 1970 1100 MST

01 50 10	1027.1	E	14	2	2	-1	8			
02 15 3 S-	996.1	E	15	17	17	14	10			
03 10 3/4S-BS	1011.0	W	23	-1	-1	-5	10			
04 15 1 F	1022.2	NNW	18	-7	-7	-14	6			
05 UNL 3 BS	1022.3	NNE	17	-11	-11	-15	2			
06 UNL 10	1018.0	N	6	-20	-20	-24	0			
07 UNL 10 IC	1007.7	NNE	3	-30	-30	-34	2			
08 20 1/4FBS	1013.3	N	14	-8	-8	-12	10			
09 UNL 2 BS	1015.3	NNW	32	-8	-8	-12	1			
10 UNL 2 BS	1019.4	N	18	-6	-6	-9	6			
11 UNL 10 IC	1021.6	E	4	-17	-17	-23	8			
12 UNL 10	1017.7	ESE	2	-15	-15	-20	1			
13 UNL 10	1016.7	N	8	-21	-21	-26	0			
14 80 5 S-F	1018.9	ENE	8	-14	-14	-19	10			
15 UNL 7 IC	1024.4	N	5	-39	-39	-46	7			
16 UNL 10 IC	1018.0	CALM		-20	-20	-27	1			
17 UNL 10 IC	1019.6	CALM		-31	-31	-43	0			
18 UNL 10 IC	1011.3	CALM		-37			0			
19 UNL 10	1008.6	NW	12	-8	-8	-13	8			
20 20 11/2BS	1002.6	ENE	22	8	8	4	10			
21 UNL 7	1001.4	WSW	12	-9	-9	-13	10			
22 UNL 8 IC	1019.9	SSE	15	-22	-22	-26	2			
23 UNL 6 IC	1022.4	S	13	-24	-24	-28	8			
24 UNL 10 IC	1021.3	CALM		-36			1			
25 1 1/8BS	995.0	NW	25	-29	-29	-35	10			
26 UNL 7 IC	1016.0	SW	8	-42			4			
27 UNL 7 IC	1026.2	SE	4	-35			3			
28 UNL 1 BS	1003.2	N	20	-32	-32	-41	3			
29 UNL 2 BS	1002.8	N	15	-33	-33	-46	7			
30 UNL 7 IC	1013.0	N	8	-34	-34	-40	0			

AVG 1014.3 11 -18 -18 -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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

ISACHSEN NMT  
NOVEMBER 1970 1400 MST

01 UNL 10	1024.1	E	17	2	2	-1	5			
02 10 1 S-F	999.1	WSW	12	21	20	19	10			
03 70 2 BS	1011.8	NNW	22	-4	-4	-8	10			
04 UNL 1 BS	1023.3	NW	22	-8	-8	-15	5			
05 UNL 10	1022.8	SE	4	-10	-10	-15	0			
06 UNL 10	1017.9	ENE	2	-22	-22	-26	0			
07 UNL 6 ICIF	1007.0	NNW	2	-28	-28	-32	2			
08 20 2 FBS	1014.6	NNW	20	-9	-9	-9	10			
09 UNL 2 BS	1015.3	N	32	-6	-6	-10	2			
10 UNL 7	1020.3	N	7	-8	-8	-12	1			
11 UNL 10	1021.6	SE	7	-14	-14	-20	8			
12 UNL 10	1012.8	E	10	-13	-13	-18	1			
13 UNL 7 S-	1017.5	ESE	5	-23	-23	-29	10			
14 80 6 S-F	1019.2	N	5	-17	-17	-21	10			
15 UNL 7 IC	1025.4	NNW	6	-21	-21	-26	6			
16 UNL 10 IC	1017.8	CALM		-17	-17	-22	8			
17 UNL 10 IC	1018.5	CALM		-32	-32	-38	0			
18 UNL 10	1011.2	CALM		-27	-27	-38	0			
19 50 6 BS	1007.1	NE	22	-2	-2	-7	9			
20 15 8 S-	999.1	N	12	8	8	4	10			
21 15 6 S-	1003.8	SW	10	-11	-11	-16	10			
22 UNL 5 BS										

## 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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

ISACHSEN NMT  
DECEMBER 1970 0200 MST

01 UNL 7 IC	1020.3 N	8	-34	-34	-40	0				
02 UNL 6 IC	1017.3 NW	2	-38			2				
03 UNL 2 ICIF	1016.3 WNW	9	-34	-34	-40	2				
04 UNL 6 IC	1015.7 SW	3	-32	-32	-38	0				
05 UNL 10 IC	1026.1 N	2	-35	-35	-41	0				
06 15 4 S-	1027.2 WSW	15	-22	-22	-26	9				
07 15 3 BS	1012.7 NW	15	-14	-14	-19	10				
08 UNL 10 IC	1005.8 N	5	-21	-21	-26	0				
09 UNL 10 IC	1009.4 NW	3	-35			1				
10 UNL 8 IC	1020.8 CALM		-25	-25	-31	1				
11 UNL 10 IC	1027.4 ESE	3	-26	-26	-32	9				
12 UNL 10 IC	1028.4 CALM		-28	-28	-34	0				
13 100 1 BS	1018.5 ESE	18	-16	-16	-21	10				
14 UNL 10 IC	1010.2 ENE	7	-25	-25	-31	6				
15 UNL 2 BS	1012.4 N	14	-29	-29	-35	8				
16 80 5 S-	1016.4 WNW	12	-27	-27	-33	10				
17 UNL 1 TF	1019.4 N	20	-42			5				
18 UNL 1 ICIF	1022.5 N	7	-38			6				
19 UNL 7 IC	1021.4 N	10	-40			0				
20 UNL 10 IC	1022.6 ESE	4	-41			0				
21 UNL 10 IC	1021.6 WNW	8	-30	-30	-36	0				
22 UNL 10 IC	1023.4 CALM		-48			0				
23 UNL 7 IC	1014.4 CALM		-53			0				
24 UNL 7 IC	1010.5 SSW	4	-46			3				
25 UNL 10 IC	1007.0 CALM		-48			0				
26 UNL 7 IC	1016.1 SE	9	-35	-35	-41	1				
27 UNL 7 IC	1021.9 SE	12	-23	-23	-30	0				
28 UNL 10 IC	1024.5 SE	9	-28	-28	-34	0				
29 UNL 10 IC	1019.0 N	10	-23	-23	-29	0				
30 UNL 5 ICIF	1018.3 N	11	-30	-30	-36	0				
31 UNL 10 IC	1025.4 CALM		-40			0				
AVG	1018.4	7	-33			3				

ISACHSEN NMT  
DECEMBER 1970 0500 MST

01 UNL 7 IC	1020.3 N	13	-34	-34	-40	0				
02 UNL 8 IC	1017.0 WNW	5	-42			2				
03 UNL 3 ICIF	1015.8 N	17	-35	-35	-41	4				
04 UNL 8 IC	1016.5 S	2	-30	-30	-36	0				
05 UNL 10 IC	1027.3 N	4	-37			0				
06 15 4 S-	1025.1 WSW	14	-22	-22	-27	9				
07 10 2 BS	1010.6 WSW	8	-12	-12	-17	10				
08 UNL 7 IC	1006.7 NNE	3	-27	-27	-33	2				
09 UNL 7 IC	1010.5 CALM		-35	-35	-41	3				
10 UNL 7 IC	1022.0 CALM		-29	-29	-31	10				
11 80 7 IC	1027.7 ESE	5	-25	-25	-31	10				
12 UNL 7 IC	1027.7 E	5	-29	-29	-35	0				
13 150 3 BS	1016.3 ESE	20	-15	-15	-20	10				
14 UNL 7 IC	1009.8 ENE	5	-26	-26	-32	6				
15 UNL 3 BS	1012.1 NNE	20	-27	-27	-33	10				
16 UNL 5 BS	1013.7 N	14	-27	-27	-33	8				
17 UNL 1 FBS	1019.6 N	23	-41			8				
18 UNL 2 IF	1022.3 N	10	-37			7				
19 UNL 7 IC	1020.7 N	5	-39			1				
20 UNL 7 IC	1022.8 ESE	5	-41			0				
21 UNL 7 IC	1021.5 N	7	-32	-32	-38	0				
22 UNL 7 IC	1022.6 CALM		-52			0				
23 UNL 5 ICIF	1012.7 CALM		-52			0				
24 UNL 7 IC	1010.3 CALM		-45			0				
25 UNL 7 IC	1006.3 CALM		-47			0				
26 UNL 6 BS	1018.2 SE	19	-31	-31	-37	0				
27 UNL 10 IC	1021.3 E	14	-26	-26	-32	0				
28 UNL 10 IC	1024.9 SE	3	-28	-28	-34	0				
29 UNL 10 IC	1018.0 N	13	-23	-23	-29	0				
30 UNL 7 IC	1019.1 N	10	-30	-30	-36	0				
31 UNL 10 IC	1025.9 CALM		-36			0				
AVG	1018.2	8	-33			3				

ISACHSEN NMT  
DECEMBER 1970 0800 MST

01 UNL 6 IC	1020.6 NNE	12	-35	-35	-41	4				
02 UNL 10 IC	1016.6 ENE	2	-43			0				
03 UNL 1 BS	1014.7 WNW	22	-30	-30	-36	5				
04 UNL 10 IC	1017.2 SSE	2	-32	-32	-38	0				
05 UNL 7 IC	1027.6 WNW	4	-38			0				
06 15 3 BS	1022.1 SW	14	-21	-21	-26	9				
07 10 4 S-	1008.1 W	7	-12	-12	-17	10				
08 UNL 7 IC	1007.5 N	3	-27	-27	-33	2				
09 UNL 7 IC	1012.0 CALM		-36			3				
10 UNL 7 IC	1022.5 CALM		-27	-27	-33	6				
11 70 7 S-	1028.0 SE	6	-23	-23	-29	10				
12 UNL 7 IC	1026.9 CALM		-27	-27	-33	0				
13 150 4 BS	1014.6 E	15	-16	-16	-21	10				
14 UNL 7 IC	1010.0 W	7	-25	-25	-31	6				
15 150 3 BS	1012.0 N	8	-28	-28	-34	10				
16 80 6 BS	1014.7 WNW	9	-27	-27	-33	9				
17 UNL 1 FBS	1019.4 N	22	-40			5				
18 UNL 2 ICIF	1021.9 E	3	-37			4				
19 UNL 7 IC	1020.4 WNW	6	-39			0				
20 UNL 7 IC	1022.6 ESE	6	-40			0				
21 UNL 7 IC	1021.1 N	10	-34	-34	-40	0				
22 UNL 7 IC	1021.4 CALM		-52			7				
23 UNL 3 ICIF	1010.1 CALM		-41			3				
24 UNL 7 IC	1010.2 CALM		-44			0				
25 UNL 7 IC	1005.7 W	4	-45			3				
26 UNL 6 BS	1020.3 SE	15	-32	-32	-38	0				
27 UNL 10 IC	1020.0 SE	15	-23	-23	-30	0				
28 UNL 7 IC	1024.8 SSE	10	-20	-20	-24	6				
29 UNL 7 IC	1016.8 N	13	-26	-26	-32	0				
30 UNL 7 IC	1019.5 NNE	11	-28	-28	-34	9				
31 UNL 10 IC	1026.0 CALM		-36			0				
AVG	1017.9	7	-32			4				

ISACHSEN NMT  
DECEMBER 1970 1100 MST

01 UNL 5 IC	1020.1 NNE	13	-37			5				
02 UNL 10 IC	1016.7 WNW	2	-42			2				
03 UNL 1 BS	1014.7 WNW	15	-28	-28	-34	7				
04 UNL 10 IC	1018.6 SE	2	-33	-33	-39	2				
05 UNL 8 IC	1028.5 WNW	3	-42			0				
06 15 2 S-RS	1019.9 WSW	12	-17	-17	-22	10				
07 10 5 S-	1005.1 WSW	3	-13	-13	-18	10				
08 UNL 7 IC	1008.3 WNW	4	-32	-32	-38	2				
09 80 5 S-	1013.3 CALM		-35			10				
10 UNL 7 IC	1023.4 CALM		-28	-28	-34	10				
11 70 7 S-	1028.4 ESE	4	-25	-25	-31	10				
12 UNL 7 IC	1025.7 E	10	-26	-26	-32	8				
13 150 5 BS	1012.9 E	13	-23	-23	-29	9				
14 UNL 6 IC	1010.3 N	13	-24	-24	-30	10				
15 150 3 ICBS	1012.2 W	6	-30	-30	-36	10				
16 80 6 BS	1015.1 N	14	-29	-29	-35	9				
17 UNL 1 BS	1019.7 N	20	-40			5				
18 UNL 1 ICBS	1021.3 NNE	15	-36			2				
19 UNL 7 IC	1020.6 N	4	-40			1				
20 UNL 7 IC	1022.5 E	14	-39			0				
21 UNL 7 IC	1021.4 WNW	2	-35	-35	-41	0				
22 UNL 2 ICK	1020.2 CALM		-48			10				
23 UNL 3 ICIF	1008.7 WNW	5	-41			3				
24 UNL 7 IC	1009.5 CALM		-43			0				
25 20 6 S-	1005.3 W	5	-44			10				
26 UNL 6 BS	1022.3 SSE	12	-34	-34	-40	0				
27 UNL 3 BS	1019.6 E	14	-25	-25	-31	4				
28 UNL 10 IC	1024.7 E	7	-23	-23	-29	3				
29 UNL 10 IC	1016.5 NNE	12	-27	-27	-33	0				
30 UNL 10 IC	1019.6 N	12	-27	-27	-33	0				
31 UNL 10 IC	1026.7 CALM		-30	-30	-36	0				
AVG	1017.8	8	-32			5				

ISACHSEN NMT  
DECEMBER 1970 1400 MST

01 UNL 6 IC	1020.0 N	8	-36			5				
02 UNL 8 IC	1016.9 CALM		-43			2				
03 UNL 2 BS	1014.7 N	18	-28	-28	-34	8				
04 UNL 10 IC	1020.5 ESE	7	-34	-34	-40	2				
05 UNL 10 IC	1029.5 CALM		-42			0				
06 10 2 S-	1018.0 WNW	13	-15	-15	-20	10				
07 10 5 S-	1012.3 SW	5	-14	-14	-19	10				
08 UNL 7 IC	1008.4 CALM		-34	-34	-40	2				
09 80 5 S-	1015.0 CALM		-30	-30	-36	10				
10 UNL 7 IC	1024.3 CALM		-28	-28	-34	10				
11 60 7 S-	1028.8 ESE	3	-25	-25	-31	10				
12 150 4 BS	1025.2 E	12	-21	-21	-26	10				
13 60 5 S-	1012.5 E	4	-22	-22	-27	9				
14 UNL 4 BS	1010.4 N	18	-23	-23	-29	10				
15 150 3 ICBS	1013.2 NE	16	-31	-31	-37	10				
16 UNL 5 BS	1015.6 N	15	-32	-32	-38	7				
17 UNL 1 BS	1021.1 N	23	-40			5				
18 UNL 1 ICBS	1021.4 N	20	-37			2				
19 UNL 7 IC	1021.3 N	5	-42			1				
20 UNL 7 IC	1022.6 E	10	-35			0				
21 UNL 7 IC	1022.1 N	9	-37			0				
22 UNL 1 ICK	1020.1 CALM		-50			6				
23 UNL 2 BS	1007.5 WNW	15	-41			3				
24 UNL 7 IC	1009.3 CALM		-42			8</				

## SYNOPTIC OBSERVATIONS

## MOULD BAY

Date	Celling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	---------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

MOULD BAY NNT  
JULY 1970 0200 MST

01 UNL 15	1019.1	ESE	5	42	41	40	5			
02 4 1/8F	1012.9	ESE	5	40	40	39	10			
03 6 7	1009.3	W	11	33	32	31	10			
04 6 5	1005.0	W	13	33	32	31	10			
05 12 15	1000.3	S	11	33	32	31	10			
06 15 10	993.9	WSW	10	34	33	33	7			
07 UNL 15	1002.7	SSW	15	32	31	31	5			
08 50 10	1004.5	NW	8	39	38	37	10			
09 15 15	1002.1	SW	4	40	39	38	10			
10 7 15	1013.4	S	5	32	31	30	8			
11 UNL 15	1020.2	SSE	9	35	33	31	0			
12 UNL 15	1016.8	S	3	38	35	29	3			
13 1 4	1017.1	W	10	35	34	34	10			
14 UNL 15	1021.7	NE	12	43	41	39	4			
15 UNL 15	1022.2	NE	5	47	44	41	3			
16 UNL 15	1020.2	CALM	4	48	44	40	3			
17 UNL 15	1020.0	CALM	4	41	40	39	2			
18 UNL 15	1017.7	SSW	6	40	39	37	8			
19 4 15	1020.0	NNE	10	33	33	32	10			
20 UNL 15	1018.3	N	8	33	32	30	1			
21 UNL 15	1020.1	NNE	5	46	42	38	1			
22 UNL 15	1017.9	N	8	43	40	36	3			
23 10 15	1018.4	WSW	5	36	34	32	9			
24 20 15	1018.8	NNW	5	41	38	35	9			
25 7 15	1017.8	NNW	7	35	34	33	10			
26 3 5	1008.8	NNW	14	33	33	32	10			
27 8 8	1007.8	NNW	10	32	32	31	10			
28 5 15	1010.2	N	8	35	34	33	9			
29 4 4	1016.2	NNW	4	34	33	33	10			
30 UNL 15	1019.5	S	4	35	34	32	6			
31 UNL 15	1016.1	NNW	4	42	38	33	2			
AVG	1013.8		7	38	36	34	7			

MOULD BAY NNT  
JULY 1970 0500 MST

01 UNL 15	1018.6	SE	7	43	42	41	5			
02 5 1/8F	1011.8	CALM	4	40	40	39	10			
03 6 7	1009.1	W	11	33	32	32	10			
04 7 5	1005.0	W	9	33	33	32	10			
05 4 3	998.9	SSE	10	33	32	32	10			
06 15 8	995.8	S	12	31	30	29	8			
07 15 15	1003.8	S	8	32	31	31	8			
08 40 15	1004.5	N	4	41	40	39	9			
09 2 4	1002.4	NNW	14	38	37	37	10			
10 200 15	1014.4	S	10	33	31	29	8			
11 UNL 15	1020.2	S	4	35	34	31	0			
12 UNL 15	1015.9	S	6	42	38	34	0			
13 1 4	1018.2	NNW	4	33	32	32	10			
14 UNL 15	1021.7	ENE	18	44	42	39	3			
15 UNL 15	1022.3	NE	5	48	44	39	2			
16 UNL 15	1020.1	CALM	4	48	45	41	1			
17 UNL 15	1020.4	S	5	40	39	39	1			
18 UNL 15	1017.6	S	2	40	38	35	8			
19 2 5	1020.1	NNE	10	32	32	31	10			
20 UNL 15	1018.8	SSW	4	33	32	31	1			
21 UNL 15	1020.2	SSE	2	46	42	38	1			
22 UNL 15	1018.3	NNE	12	39	37	34	7			
23 3 3	1018.7	ESE	5	37	36	35	10			
24 20 15	1018.8	NNW	10	36	35	33	9			
25 8 15	1016.7	NNW	8	34	33	33	10			
26 3 4	1009.1	NNW	15	33	32	32	10			
27 8 6	1007.9	NNW	10	33	32	32	10			
28 30 15	1011.2	NNW	6	34	34	33	9			
29 UNL 2	1017.1	NW	6	33	32	32	9			
30 UNL 15	1019.6	SSE	9	37	36	31	6			
31 UNL 15	1015.9	WSW	2	39	37	33	2			
AVG	1014.0		7	37	36	34	7			

Date	Celling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	---------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

MOULD BAY NNT  
JULY 1970 0800 MST

01 UNL 15	1017.7	SSE	14	43	42	41	2			
02 30 3/8F	1010.5	SW	5	41	40	40	10			
03 8 7	1009.0	W	12	34	33	32	10			
04 10 8	1005.2	NNW	10	34	33	32	9			
05 15 8	997.3	S	14	34	34	33	10			
06 11 5	996.6	S	11	32	32	31	9			
07 15 7	1004.3	S	8	32	32	32	9			
08 40 15	1003.5	SSW	6	42	41	39	9			
09 1 4	1003.1	NW	10	36	36	35	10			
10 200 15	1015.4	S	5	32	32	31	10			
11 UNL 15	1019.7	SE	6	38	35	32	1			
12 UNL 15	1014.2	ESE	15	47	44	40	2			
13 5 15	1018.9	N	5	36	35	33	10			
14 UNL 15	1021.8	ENE	14	47	44	41	1			
15 UNL 15	1022.1	ENE	10	45	40	40	2			
16 UNL 15	1019.5	S	6	44	42	39	1			
17 UNL 15	1020.0	SSW	5	40	39	38	0			
18 UNL 15	1017.2	NNE	12	39	37	33	8			
19 UNL 15	1019.5	NNE	11	37	35	33	2			
20 UNL 15	1019.4	CALM	3	34	33	32	0			
21 UNL 15	1019.6	SW	5	43	40	39	1			
22 4 15	1018.3	NNE	10	35	34	33	10			
23 1 1	1018.8	N	7	34	34	33	10			
24 15 15	1018.9	NNW	7	36	34	32	9			
25 8 15	1014.4	WSW	5	35	35	34	10			
26 4 4	1008.7	NNW	16	33	32	31	10			
27 8 10	1007.8	NNW	10	33	32	32	10			
28 7 15	1011.6	NW	7	35	34	34	10			
29 100 15	1017.5	SSW	2	34	33	32	8			
30 UNL 15	1019.0	SSE	12	38	36	33	5			
31 UNL 15	1015.7	CALM	4	43	40	36	1			
AVG	1013.7		8	38	36	35	7			

MOULD BAY NNT  
JULY 1970 1100 MST

01 UNL 15	1016.9	SSE	13	45	43	40	2			
02 6 7	1009.6	WSW	5	44	44	43	10			
03 9 5	1009.1	W	10	36	34	32	10			
04 10 10	1005.0	W	10	35	33	29	9			
05 100 15	996.9	SSE	12	36	35	33	9			
06 12 10	997.3	SSW	17	34	33	33	9			
07 15 8	1005.0	S	12	33	32	30	9			
08 100 15	1003.2	W	6	44	42	40	8			
09 6 5	1004.9	NNW	12	35	35	34	10			
10 8 15	1016.0	SSW	10	34	33	33	10			
11 UNL 15	1019.5	S	8	39	37	33	2			
12 UNL 15	1013.6	SSE	10	47	43	38	2			
13 15 10	1019.8	N	7	41	39	37	10			
14 UNL 15	1022.2	ENE	15	50	45	41	1			
15 UNL 15	1021.7	ENE	14	53	47	41	5			
16 UNL 15	1018.9	SW	5	48	45	43	10			
17 UNL 15	1019.2	S	7	41	40	38	0			
18 UNL 15	1017.2	ENE	18	47	41	35	5			
19 UNL 15	1018.5	ENE	10	41	39	36	0			
20 UNL 15	1019.2	SW	5	45	41	37	0			
21 UNL 15	1018.9	N	15	49	42	33	1			
22 8 15	1018.4	NNE	8	38	37	39	10			
23 8 15	1018.9	NNE	9	35	34	33	10			
24 10 15	1019.1	NW	8	36	34	32	10			
25 20 15	1012.0	WSW	7	38	37	35	10			
26 5 4	1008.5	NNW	14	33	32	32	10			
27 8 6	1007.8	NNW	10	35	34	33	10			
28 10 10	1012.0	NW	8	38	36	34	9			
29 30 15	1018.0	S	8	35	34	33	9			
30 UNL 15	1018.0	S	10	39	36	33	5			
31 UNL 15	1015.6	ENE	8	47	41	34	7			
AVG	1013.6		10	40	38	35	7			

Date	Celling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	---------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

MOULD BAY NNT  
JULY 1970 1400 MST

01 UNL 15	1015.9	SSE	13	45	44	43	2			
02 10 15	1009.0	N	9	43	42	41	10			
03 9 10	1008.9	W	10	36	35	33	10			
04 10 10	1004.7	W	8	35	33	31	10			
05 80 10	996.6	S	18	37	35	33	9			
06 15 15	998.5	SSW	19	35	35	34	7			
07 UNL 15	1005.9	S	6	35	33	30	3			
08 UNL 15	1003.2	S	7	45	42	40	7			
09 15 10	1007.0	W	8	37	36	36	10			
10 120 15	1017.0	SSW	11	38	36	34	9			
11 UNL 15	1019.0	SSE	11	41	38	34	2			
12 UNL 15	1013.3	SSE	16	46	44	42	2			
13 UNL 10	1020.3	NNE	13	45	42	39	10			
14 UNL 15	1022.8	NE	10	53	47	41				

## SYNOPTIC OBSERVATIONS

## MOULD BAY

Date	Cloud (100% R.)	Visibility (inlet)	Present Weather	Sea Level Pressure (inlet)	Wind Direction	Wind Speed (inlet)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (inlet)
------	-----------------	--------------------	-----------------	----------------------------	----------------	--------------------	---------------	---------------	----------------	-------------------

MOULD BAY NMT  
AUGUST 1970 0200 MST

01 UNL 15	1015.8	ENE	6	40	37	34	5			
02 UNL 15	1011.8	CALM		38	36	34	4			
03 UNL 15	1007.0	ENE	8	40	38	35	9			
04 5 2	1014.8	NE	6	35	35	34	10			
05 20 15	1015.5	E	4	38	35	32	10			
06 18 15	1011.5	ESE	11	39	37	35	9			
07 45 15	1013.3	S	2	41	39	36	8			
08 1 6	1013.7	CALM	3	33	32	30				
09 45 15	1016.7	SSW	3	39	38	37	10			
10 120 15	1018.8	CALM		43	40	35	8			
11 UNL 15	1019.7	ENE	11	43	39	34	3			
12 UNL 15	1020.4	N	5	40	38	35	9			
13 65 15	1016.6	CALM	3	37	35	9				
14 12 8	1011.6	NW	13	34	33	30				
15 10 10	1014.0	N	12	33	32	31	10			
16 4 15	1015.0	NNW	12	30	29	9				
17 5 15	1013.7	MW	12	32	31	31	10			
18 15 12	1017.3	NW	9	32	31	31	10			
19 40 15	1014.4	W	10	34	33	31	10			
20 UNL 15	1010.6	ESE	12	32	31	30	5			
21 UNL 15	1010.5	CALM	31	31	29	2				
22 UNL 15	1009.9	E	7	33	32	30	5			
23 8 5	1010.0	S	18	37	36	34	10			
24 8 15	1018.4	W	8	31	31	30	10			
25 15 15	1023.1	NNE	5	32	31	30	9			
26 1 5	1015.8	E	10	34	33	33	10			
27 10 5	1009.1	CALM	32	32	32	10				
28 9 12	1013.8	NW	4	29	29	28	10			
29 6 5	999.6	S	22	35	35	34	10			
30 10 10	1003.3	SW	22	28	28	27	10			
31 12 8	1001.3	WSW	15	30	29	28	10			
AVG	1013.1		8	35	34	32	9			

MOULD BAY NMT  
AUGUST 1970 0500 MST

01 UNL 15	1015.3	E	10	41	38	35	3			
02 UNL 15	1010.9	WSW	5	41	39	37	2			
03 UNL 15	1007.5	N	10	36	35	32	4			
04 10 10	1015.6	NE	4	35	35	33	10			
05 20 15	1015.1	E	15	36	35	34	10			
06 19 15	1011.3	ESE	10	38	37	35	9			
07 30 15	1013.4	ESE	10	40	38	34	9			
08 2 7	1013.8	WSW	2	35	34	33	9			
09 45 15	1017.1	W	3	38	37	35	10			
10 40 15	1019.0	S	2	42	40	37	8			
11 UNL 15	1020.0	ENE	11	41	38	33	2			
12 UNL 15	1020.6	CALM	8	38	36	33	9			
13 45 15	1016.3	NNW	8	41	39	38	9			
14 8 5	1011.6	NNW	18	33	33	32	10			
15 40 15	1014.0	NNW	11	33	32	29	9			
16 20 15	1015.4	NW	8	28	28	27	7			
17 6 8	1013.4	NW	8	31	30	29	10			
18 15 12	1017.5	NW	10	32	32	31	9			
19 80 15	1013.7	MW	10	34	33	31	9			
20 UNL 15	1010.6	SE	12	32	31	29	5			
21 UNL 15	1010.5	CALM	31	30	29	2				
22 UNL 15	1010.5	NNW	5	31	30	28	8			
23 9 5	1010.2	SSE	11	36	35	34	10			
24 UNL 15	1019.5	MW	10	30	29	28	8			
25 7 15	1023.5	ENE	5	31	30	29	9			
26 2 12	1013.9	E	8	34	33	33	10			
27 15 3	1009.9	NNW	5	33	33	32	10			
28 9 15	1013.9	SSW	4	29	28	26	10			
29 7 8	999.4	SSW	12	34	33	33	10			
30 10 15	1003.2	SW	20	29	28	26	10			
31 6 8	1002.8	W	12	26	26	24	10			
AVG	1013.2		8	35	33	32	8			

Date	Cloud (100% R.)	Visibility (inlet)	Present Weather	Sea Level Pressure (inlet)	Wind Direction	Wind Speed (inlet)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (inlet)
------	-----------------	--------------------	-----------------	----------------------------	----------------	--------------------	---------------	---------------	----------------	-------------------

MOULD BAY NMT  
AUGUST 1970 0800 MST

01 UNL 15	1014.9	SSE	8	41	38	34	1			
02 UNL 15	1009.9	SSW	10	39	38	36	5			
03 7 15	1008.3	NNE	10	35	34	31	9			
04 20 15	1016.1	NNE	6	38	36	32	10			
05 12 15	1014.5	E	13	36	35	32	10			
06 20 15	1011.6	SSE	9	40	38	36	10			
07 25 15	1012.9	ESE	13	37	35	33	6			
08 UNL 15	1013.8	W	1	35	34	33	6			
09 45 15	1017.4	SSW	5	36	35	34	10			
10 60 15	1019.1	ESE	11	47	43	38	9			
11 UNL 15	1020.0	E	15	46	41	36	2			
12 200 15	1020.3	CALM	5	40	37	34	10			
13 50 15	1015.1	MW	5	39	38	36	9			
14 40 8	1011.6	NNW	18	33	33	32	9			
15 40 15	1014.0	N	12	34	33	31	9			
16 UNL 15	1014.7	NNW	5	32	31	29	4			
17 5 15	1013.1	NNW	10	33	32	32	8			
18 15 12	1017.3	NW	12	33	33	32	9			
19 20 15	1013.1	NW	5	35	33	31	10			
20 UNL 15	1010.3	ESE	13	36	34	32	6			
21 UNL 15	1009.9	CALM	33	32	30	8				
22 UNL 15	1010.4	MW	6	32	31	30	8			
23 2 5	1010.8	S	15	34	34	34	10			
24 9 15	1018.4	W	9	30	30	29	9			
25 5 15	1023.1	E	9	32	31	30	9			
26 10 15	1011.8	E	10	35	34	33	10			
27 15 4	1010.8	N	8	34	33	32	10			
28 9 12	1013.1	SSW	5	29	28	27	10			
29 12 15	1001.0	MW	16	30	28	25	9			
30 15 9	1002.8	SW	18	29	28	25	10			
31 1 5	1003.5	W	20	25	24	22	9			
AVG	1013.1		10	35	34	32	8			

MOULD BAY NMT  
AUGUST 1970 1100 MST

01 UNL 15	1014.4	WSW	5	39	37	35	1			
02 UNL 15	1008.9	SW	5	36	35	33	8			
03 10 15	1009.1	NE	16	38	36	32	9			
04 25 15	1016.4	E	8	38	35	32	9			
05 4 8	1013.8	ESE	7	37	36	36	10			
06 60 15	1011.9	ESE	10	41	39	36	9			
07 8 15	1013.2	E	10	37	35	33	10			
08 UNL 15	1014.2	ESE	10	42	39	35	7			
09 40 15	1017.8	W	5	39	37	36	9			
10 80 15	1019.7	W	4	47	42	37	8			
11 UNL 15	1020.4	E	14	48	43	36	1			
12 UNL 15	1020.2	SW	4	42	39	36	7			
13 100 15	1014.7	NW	7	43	40	36	9			
14 7 15	1011.6	NNW	14	35	34	32	9			
15 7 15	1014.7	NNW	12	35	34	32	8			
16 UNL 15	1014.4	NNW	9	36	35	32	3			
17 6 15	1013.6	NNW	12	35	34	33	9			
18 100 15	1017.3	NW	9	35	34	33	9			
19 20 15	1012.2	MW	4	36	35	32	9			
20 UNL 15	1010.5	SSE	9	40	38	35	2			
21 UNL 15	1009.7	WSW	3	36	34	32	4			
22 UNL 15	1009.7	E	10	40	37	34	7			
23 8 15	1011.9	S	12	35	34	34	9			
24 UNL 15	1021.2	W	10	31	30	30	8			
25 UNL 15	1022.6	ESE	14	31	32	29	6			
26 10 10	1009.7	E	7	36	36	34	10			
27 13 3	1011.3	N	9	34	34	33	10			
28 3 10	1011.9	S	15	28	27	26	10			
29 15 15	1002.3	W	13	30	30	28	9			
30 15 10	1002.8	SW	18	30	30	29	10			
31 10 4	1005.2	W	17	25	25	23	9			
AVG	1013.1		10	37	35	33	8			

Date	Cloud (100% R.)	Visibility (inlet)	Present Weather	Sea Level Pressure (inlet)	Wind Direction	Wind Speed (inlet)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (inlet)
------	-----------------	--------------------	-----------------	----------------------------	----------------	--------------------	---------------	---------------	----------------	-------------------

MOULD BAY NMT  
AUGUST 1970 1400 MST

01 UNL 15	1014.3	SSW	4	43	40	36	1			
02 UNL 15	1008.1	SW	5	41	39	36	4			
03 10 15	1010.5	ENE	12	40	38	35	10			
04 14 15	1016.6	SSW	6	36	35	34	9			
05 15 15	1013.1	ESE	16	41	38	36	10			
06 60 15	1012.4	SW	3	39	38	36	9			
07 20 15	1013.2	SE	9	42	39	36	9			
08 100 15	1014.6	ESE	16	46	42	38	9			
09 70 15	1017.8	W	5	45	42	39	7			
10 UNL 15	1019.6	WSW	5	50	44	38	1			
11 UNL 15	1020.4	E	15	51	44	37	1			
12 UNL 15	1019.9	SW	5	41	39	36	8			
13 100 15	1014.3	MW	5	44	40	36	8			
14 6 6	1012.2	N	14</							

## SYNOPTIC OBSERVATIONS

MOULD BAY

Date	Clouds (100's kl)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea Cover (tenths)
------	-------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

MOULD BAY NMT  
SEPTEMBER 1970 0200 MST

01 10 5	F		1013.2 M	14	25	24	23	9		
02 UNL 4	F		1025.9 NNM	3	22	22	21	5		
03 40 15			1027.0 NM	6	29	28	26	8		
04 60 15			1023.1 CALM	31	31	30	8			
05 UNL 15			1009.3 E	12	32	30	28	5		
06 200 15			1000.2 SSE	6	31	30	28	7		
07 90 15			1004.4 S	5	29	28	27	9		
08 15 15			1011.8 N	17	25	23	9			
09 20 10			1020.8 SSM	3	19	19	17	9		
10 70 15			1018.3 SW	13	26	25	23	9		
11 70 8			1014.7 SW	8	31	31	31	9		
12 6 3			1016.7 NM	12	31	30	29	10		
13 20 1	F		1006.7 S	10	28	28	27	10		
14 UNL 15	F		995.1 M	3	11	11	7	5		
15 25 15			1000.9 N	15	17	16	13	8		
16 40 10			1006.1 NNM	5	13	13	9	9		
17 3 7			1009.8 S	13	21	21	20	10		
18 18 10			1008.3 ESE	11	28	27	25	10		
19 70 15			1006.5 ESE	12	28	26	22	9		
20 30 5	S-F		1007.9 S	4	27	27	26	10		
21 11 4	S-F		1015.0 NM	7	13	13	11	9		
22 UNL 7	IC		1018.4 E	11	12	12	10	2		
23 25 6	S-		1011.6 ESE	11	31	31	29	10		
24 13 5	S-		1022.7 SW	6	23	23	22	10		
25 UNL 8	S-		1018.4 NNE	3	21	21	19	3		
26 20 3	S-		1013.1 NNM	18	16	16	14	10		
27 25 4	S-		1007.8 NM	15	15	13	10			
28 UNL 15	IC		1003.2 M	4	4	5	3	7		
29 50 3	S-		996.0 CALM	9	10	7	7	10		
30 30 7	IC		994.9 NM	4	8	7	7	10		
AVG			1010.9	8	22	22	20	8		

MOULD BAY NMT  
SEPTEMBER 1970 0500 MST

01 10 5	F		1014.7 W	11	25	25	23	9		
02 UNL 15			1026.9 CALM	21	21	20	2			
03 UNL 10			1027.0 NNM	6	26	26	23	3		
04 UNL 15			1021.2 S	4	31	30	29	5		
05 UNL 15			1007.4 ESE	4	29	29	28	5		
06 100 15			1000.0 S	6	32	31	29	9		
07 70 15			1005.2 NE	4	30	29	27	9		
08 30 15			1013.5 N	18	22	22	20	10		
09 12 8			1021.1 NNM	7	23	23	22	10		
10 70 15			1017.8 WSW	6	26	26	24	9		
11 7 15			1014.4 SSW	6	31	30	29	10		
12 7 8			1016.9 NM	10	30	29	28	10		
13 7 5	F		1002.4 S	10	29	29	29	10		
14 UNL 15			996.0 NNE	5	10	10	8	1		
15 25 15			1001.2 NNM	20	15	14	10	9		
16 35 15			1006.8 NNM	5	13	13	11	9		
17 5 10			1010.1 S	10	18	18	17	10		
18 20 15			1007.7 E	10	27	26	24	9		
19 75 15			1006.7 ESE	10	25	24	20	8		
20 12 2	S-		1006.1 S	4	27	27	26	10		
21 15 6	F		1016.4 N	3	12	12	10	8		
22 UNL 7	IC		1018.1 SE	3	10	10	7	6		
23 12 4	S-		1012.3 ESE	11	31	31	29	10		
24 13 7	S-		1023.0 WSW	5	22	22	20	10		
25 UNL 6	S-		1017.0 NNE	7	19	19	17	6		
26 6 1	S-BS		1012.8 NNM	18	14	14	12	10		
27 40 7			1008.3 S	12	15	15	13	9		
28 30 15	IC		1003.0 CALM	5	6	4	9			
29 UNL 5	ICIF		995.7 CALM	7	7	5	8			
30 30 5	IC		995.1 NNM	4	7	8	5	10		
AVG			1010.8	7	21	21	19	8		

Date	Clouds (100's kl)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea Cover (tenths)
------	-------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

MOULD BAY NMT  
SEPTEMBER 1970 0800 MST

01 4 6	F		1016.4 NNM	10	26	26	24	8		
02 40 15			1027.0 CALM	24	24	23	9			
03 UNL 15			1026.4 NM	5	27	26	24	2		
04 UNL 10			1020.4 CALM	29	29	29	2			
05 UNL 15			1005.4 SSE	15	32	32	31	10		
06 8 2	SG-F		999.8 S	7	33	32	31	10		
07 10 15			1005.9 NNM	5	28	28	27	9		
08 90 15			1015.4 NNM	10	21	20	18	9		
09 15 15			1021.2 NNE	3	21	21	19	9		
10 70 15			1017.0 WSW	10	26	25	23	9		
11 4 4	S-F		1013.8 S	7	31	31	30	10		
12 5 6	F		1017.4 NNM	8	30	29	28	9		
13 4 11/25-F	F		998.1 S	15	30	30	29	10		
14 UNL 15			996.9 ENE	5	9	9	7	6		
15 25 15			1002.6 NNM	18	12	12	6	9		
16 25 15			1007.2 NNM	5	14	14	11	9		
17 8 15			1009.9 SSE	10	21	20	18	9		
18 UNL 15			1007.5 ESE	10	26	25	23	3		
19 UNL 15			1006.6 SE	9	27	25	20	7		
20 10 1	S-		1008.0 NNM	9	26	26	25	10		
21 15 1/25-F	S-		1017.4 CALM	11	11	9	6			
22 UNL 7	IC		1016.7 ENE	16	17	17	15	6		
23 5 1	F		1013.1 S	14	32	32	31	10		
24 13 7			1022.9 CALM	23	22	21	10			
25 6 11/25-F	S-F		1015.8 NNM	11	20	20	18	10		
26 6 1	S-BS		1012.1 NM	18	14	14	12	10		
27 10 10			1005.5 CALM	10	10	8	9			
28 25 2	S-F		1002.4 CALM	7	7	7	10			
29 UNL 10			995.1 NE	5	-2	-1	-3	9		
30 20 11/25-F	S-F		995.2 NNM	4	7	7	5	10		
AVG			1010.6	8	21	21	19	8		

MOULD BAY NMT  
SEPTEMBER 1970 1100 MST

01 10 5	S-F		1017.9 NNM	11	25	24	22	9		
02 25 15			1027.3 NNM	8	28	27	24	9		
03 UNL 15			1026.2 NNM	9	29	28	25	3		
04 UNL 10			1018.7 SE	7	32	31	28	1		
05 120 15			1003.9 SSE	18	34	31	27	10		
06 10 8			999.8 SSE	12	34	33	32	10		
07 10 15			1006.4 NNM	4	30	29	28	9		
08 70 15			1016.9 NNM	12	22	22	19	9		
09 15 15			1021.2 NN	6	21	20	18	8		
10 10 12			1016.3 SW	17	27	26	23	9		
11 14 7	S-		1013.2 WSW	14	31	31	30	10		
12 20 4	F		1017.3 N	5	28	27	26	8		
13 5 11/25-F	F		993.8 S	20	31	31	31	10		
14 UNL 15			997.6 N	6	14	13	11	9		
15 60 15			1003.4 NNM	13	12	11	9	9		
16 40 15			1007.7 CALM	17	16	13	10			
17 10 10	ZL-		1009.9 S	11	20	20	18	10		
18 UNL 15			1006.3 ESE	13	27	26	22	6		
19 20 15			1006.3 E	11	27	26	23	8		
20 10 1	S-		1008.4 NM	9	25	25	24	10		
21 UNL 7			1018.2 CALM	3	11	11	8	10		
22 20 7			1015.5 E	16	18	18	15	9		
23 UNL 7			1015.0 SSW	15	28	28	27	8		
24 10 7			1022.9 CALM	24	23	21	10			
25 6 2	S-F		1015.0 NNM	8	20	20	18	10		
26 5 1	S-BS		1011.4 NNM	19	14	14	12	10		
27 15 5	S-		1004.4 NNM	10	11	9	10			
28 25 3	S-F		1003.3 CALM	3	9	7	10			
29 UNL 5	IF		995.3 NE	2	2	2	-2	8		
30 25 11/25-F	S-F		995.6 N	3	5	5	3	10		
AVG			1010.5	9	22	21	19	9		

Date	Clouds (100's kl)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sea Cover (tenths)
------	-------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

MOULD BAY NMT  
SEPTEMBER 1970 1400 MST

01 10 8	S-		1019.9 NM	9	27	27	25	9		
02 35 15			1027.2 NM	13	30	29	27	9		
03 30 15			1025.6 SW	3	33	31	29	9		
04 UNL 15			1016.6 ESE	16	35	33	31	2		
05 120 15			1002.4 SE	15	35	32	28	10		
06 3 1/25			1000.4 SSE	7	33	33	32	10		
07 3	1/2F		1007.4 CALM	30	30	29	10			
08 15 15			1018.2 NM	12	22	22	19	9		
09 20 15			1021.0 NM	5	22	21	18	9		
10 10 12			1016.3 SSW	12	31	30	28	9		
11 5 4	F		1013.8 W	13	33	33	32	10		
12 UNL 15			1017.0 NNM	3	24	24	21	3		
13 8 3	S-F		988.5 SSE	19	33	33	32	10		
14 UNL 15			998.4 N	8	14	13	10	4		
15 180 15			1003.9 NNM	13	12	11	6	10		
16 40 15			1008.3 CALM	20	19	15	10			
17 10 10			1009.8 S	12	25	23	19	9		
18 UNL 20			1007.0 E	13	28	27	24	4		
1										



## 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)
------	----------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

MOULD BAY NMT  
OCTOBER 1970 0200 MST

01 UNL 4	ICF	997.7	NNE	5	-8	-8	-8	0		
02 6 3	SG-	1002.4	NNW	6	0	0	-2	10		
03 UNL 7		1005.3	CALM	16	-15	-18	0			
04 10 10		1002.6	NNE	10	-4	-7	7	6		
05 UNL 2	IF	1014.5	NNW	5	-3	-3	-4	5		
06 40 10	S-	1013.4	S	12	-4	-4	-7	10		
07 UNL 15		1011.7	S	9	5	5	4	2		
08 UNL 12		999.9	MNW	11	-4	-4	-6	1		
09 4 11/25-F		998.6	NW	8	-9	-9	-12	10		
10 UNL 15		1014.2	NNE	5	-7	-7	-13	1		
11 UNL 15		1019.7	NE	2	-16	-16	-21	0		
12 25 10		1012.6	NW	2	-4	-4	-7	6		
13 10 3	F	1013.2	CALM	-3	-3	-4	10			
14 12 5	F	1011.5	W	10	-3	-3	-5	10		
15 UNL 10		1010.9	MNW	5	-4	-4	-7	8		
16 UNL 15	IC	1009.9	SW	4	-15	-14	-17	10		
17 25 5	S-	1006.4	WSW	13	-5	-5	-7	8		
18 180 10		1016.0	SW	9	-2	-2	-5	6		
19 UNL 10		1027.7	NE	5	-15	-15	-18	0		
20 UNL 10	IC	1026.1	S	3	-20	-20	-21	0		
21 UNL 10		1030.7	ENE	14	-14	-14	-17	0		
22 UNL 10		1020.1	E	35	-4	-4	-7	7		
23 20 10		1013.6	N	5	9	9	7	10		
24 3 1/2F		1011.9	CALM	-1	-1	-1	10			
25 15 2	S-	1002.8	CALM	15	15	12	10			
26 UNL 4	F	1024.5	NE	3	-8	-7	-11	0		
27 40 15		1024.8	NE	8	1	0	-2	10		
28 14 5	S-	1020.8	WSW	4	-5	-5	-7	10		
29 30 7	IC	1010.9	WSW	1	2	2	1	10		
30 120 7		999.6	SSE	4	13	13	12	10		
31 60 7		1016.9	NW	6	5	5	2	6		
AVG		1012.6		7	-4	-4	-6	6		

MOULD BAY NMT  
OCTOBER 1970 0500 MST

01 UNL 5	ICF	998.1	NNE	6	-13	-13	-14	0		
02 40 7	IC	1002.2	MNW	14	1	1	-3	9		
03 26 7		1004.2	CALM	-13	-13	-15	8			
04 UNL 10		1004.0	NNW	8	-7	-7	-9	2		
05 UNL 2	IFBS	1015.1	W	13	2	2	0	5		
06 20 7	S-	1012.7	S	13	2	3	1	10		
07 13 12		1011.4	S	13	5	4	10			
08 UNL 10		1000.1	MNW	12	-12	-12	-14	1		
09 3 11/25-F		999.8	N	3	-11	-11	-13	10		
10 15 12		1015.5	CALM	4	-5	-5	-8	9		
11 UNL 15		1019.9	CALM	-15	-15	-20	0			
12 UNL 10	IC	1012.2	CALM	-3	-3	-3	-5	10		
13 10 10		1013.3	S	3	-3	-2	6	10		
14 20 7		1011.3	W	9	-3	-2	-6	10		
15 UNL 15		1011.1	N	3	-10	-9	-12	5		
16 UNL 15	IC	1008.8	S	7	-14	-14	-16	10		
17 25 3	S-BS	1006.4	WSW	16	-2	-2	-5	10		
18 180 10		1017.9	W	15	-3	-3	-6	8		
19 UNL 10	1/2ICF	1027.9	NE	3	-13	-13	-15	8		
20 UNL 10	IC	1026.5	CALM	-19	-19	-22	0			
21 UNL 10		1031.3	ENE	12	-15	-15	-18	0		
22 UNL 10		1017.2	E	30	-5	-5	-8	7		
23 12 1	S-	1011.1	NNE	7	10	10	8	10		
24 UNL 1	F	1011.7	CALM	-7	-7	-10	1			
25 10 11/25-		1002.8	CALM	17	16	14	10			
26 UNL 4	F	1026.6	NE	3	-15	-15	-17	0		
27 34 1/2BS		1021.3	ENE	19	2	2	1	10		
28 35 5	S-	1019.9	SW	5	-3	-3	-6	10		
29 25 7	IC	1009.9	SSE	7	7	7	6	10		
30 90 7		997.6	NW	4	14	14	12	10		
31 UNL 10		1019.7	CALM	-2	-2	-2	5	0		
AVG		1012.5		7	-4	-4	-7	6		

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)
------	----------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

MOULD BAY NMT  
OCTOBER 1970 0800 MST

01 70 15	S-	998.8	CALM	-10	-10	-12	9			
02 UNL 10		1002.8	NE	15	-4	-4	-8	9		
03 25 5	S-	1002.9	CALM	-4	-4	-7	10			
04 10 1	F	1006.1	NW	6	-7	-7	-8	6		
05 30 7		1015.8	SSW	9	3	3	1	10		
06 20 12		1012.5	W	14	1	1	-1	10		
07 10 4	IF	1010.4	ENE	7	6	7	-10	10		
08 12 8		999.5	W	10	-15	-15	-19	6		
09 6 2	F	1001.5	MNW	11	-5	-5	-8	8		
10 UNL 12		1016.2	CALM	-7	-7	-10	2			
11 UNL 15		1018.9	CALM	-17	-17	-21	3			
12 30 6	F	1011.5	NW	3	-3	-3	-6	9		
13 15 5	S-	1013.5	W	4	-2	-2	-5	9		
14 20 3	F	1011.1	W	10	-4	-3	-7	10		
15 UNL 15		1011.2	W	3	-9	-8	-10	8		
16 UNL 10		1007.7	SSW	6	-9	-9	-11	10		
17 20 5	S-	1006.9	S	9	0	0	-2	10		
18 UNL 10		1019.4	SW	12	-5	-5	-8	4		
19 10	1/2ICF	1027.8	NE	5	-16	-16	-18	0		
20 UNL 10	IC	1026.7	CALM	-12	-12	-23	0			
21 UNL 10		1031.0	ENE	18	-13	-13	-16	0		
22 100 1/2BS		1015.3	E	34	0	0	-2	10		
23 10 1	S-	1009.3	CALM	10	11	9	10			
24 UNL 7		1011.2	CALM	-4	-4	-7	9			
25 15 4	S-	1007.4	MNW	12	14	11	10			
26 UNL 7		1028.6	NE	2	-13	-13	-15	1		
27 30 1	S-BS	1020.7	ENE	15	1	1	-1	10		
28 30 5	S-	1018.4	SW	3	0	0	-2	10		
29 25 5	S-	1008.8	WSW	1	6	6	5	10		
30 70 7		997.7	NE	3	15	14	12	10		
31 UNL 10		1022.5	CALM	-1	-1	-3	5			
AVG		1012.6		7	-4	-4	-6	8		

MOULD BAY NMT  
OCTOBER 1970 1100 MST

01 30 6	F	999.6	MNW	13	-8	-8	-11	10		
02 UNL 15		1004.1	N	12	-8	-8	-11	4		
03 180 10	S-	1002.2	CALM	-2	-2	-4	10			
04 UNL 2	F	1007.8	MNW	6	-4	-4	-6	10		
05 150 10		1015.9	WSW	14	3	3	1	9		
06 70 10		1012.6	WSW	10	0	0	-3	9		
07 9 11/25-BS		1007.6	S	18	12	12	10	10		
08 UNL 10	IC	998.4	SSE	2	-15	-15	-18	3		
09 UNL 2	F	1003.8	MNW	6	-5	-5	-8	5		
10 UNL 15		1016.8	NE	3	-5	-5	-8	2		
11 UNL 1/2F		1018.4	CALM	-17	-17	-20	4			
12 UNL 10	IC	1011.3	N	3	-3	-3	-5	1		
13 UNL 5	F	1013.6	CALM	-6	-6	-7	5			
14 20 7		1010.7	WSW	13	-5	-5	-6	7		
15 20 6	S-	1011.4	S	5	-7	-7	-9	10		
16 UNL 10		1007.9	SSW	4	-8	-8	-9	9		
17 20 1	BS	1007.7	WSW	21	-1	-1	-3	10		
18 UNL 10		1021.6	S	3	-5	-5	-8	10		
19 UNL 1/2F		1027.6	CALM	-17	-16	-17	7			
20 UNL 15		1027.4	CALM	-19	-19	-23	0			
21 UNL 7		1030.5	MNW	4	-13	-12	-15	2		
22 100 1/2BS		1013.9	E	20	0	0	-3	10		
23 80 7	S-	1008.7	CALM	9	9	6	8			
24 UNL 3	BS	1009.3	E	31	8	8	6	8		
25 70 7		1007.2	MNW	11	7	7	4	7		
26 UNL 7		1030.7	NE	3	-16	-15	-18	2		
27 30 7		1019.7	NE	10	-1	0	-2	10		
28 20 5	S-	1016.7	SE	3	3	1	10			
29 25 10		1007.0	SE	5	9	10	8	10		
30 35 15		999.4	NW	7	16	16	15	10		
31 60 10		1024.1	CALM	2	2	0	8			
AVG		1012.7		7	-3	-3	-5	7		

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)
------	----------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

MOULD BAY NMT  
OCTOBER 1970 1400 MST

01 UNL 4	F	1001.0	NW	13	-8	-8	-10	4		
02 UNL 15		1005.1	SSE	2	-5	-5	-7	1		
03 25 6	S-	1001.7	CALM	1	1	-2	10			
04 UNL 11/2F		1010.1	NW	3	-5	-4	-7	10		
05 150 15		1015.9	CALM	5	5	5	3	9		
06 25 15		1012.8	SE	5	1	1	-1	9		
07 7 3/4S-BS		1005.6	S	24	14	14	12	10		
08 UNL 3/4F		999.4	SSW	5	-14	-14	-17	2		
09 UNL 1	F	1007.2	NW	12	-5	-5	-8	9		
10 UNL 15		1017.9	NE	2	-14	-14	-17	1		
11 UNL 1/2F		1017.6	CALM	-17	-17	-19	4			
12 25 7		1012.3	ENE	2	-5	-4	-7	8		
13 20 1	IF	1013.9	W	5	-7	-7	-10	10		
14 20 4	BS	1010.5	WSW	15	-5	-5	-8	9		
15 90 10		1011.2	S	4	-6	-6	-9	8		
16 40 3	IF	1008.8	SSW	9	-5	-5	-6	10		
17 20 1	BS	1								

## SYNOPTIC OBSERVATIONS

MOULD-BAY

Date	Calling (100% A)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

MOULD BAY NMT  
NOVEMBER 1970 0200 MST

01 60 10			1016.3 ESE	12	11	11	8	6		
02 10 3	S-		992.6 SW	5	21	21	20	10		
03 UNL 8			1025.4 W	14	1	0	3	0		
04 UNL 8			1024.7 NW	20	-2	-2	-5	0		
05 UNL 15			1034.7 NE	4	-16	-16	-19	0		
06 UNL 15			1023.6 CALM	-9	-9	-12	1			
07 100 15			1016.3 CALM	-9	-9	-6	10			
08 15 10			1016.4 NNW	10	7	7	4	10		
09 25 10			1024.4 N	20	-1	-1	-5	10		
10 7 3	F		1023.5 E	4	-2	-1	-4	10		
11 UNL 10	IC		1019.6 S	2	-8	-8	-10	3		
12 UNL 15			1007.8 S	7	2	-1	7			
13 UNL 15			1008.5 N	5	-5	-5	-8	0		
14 80 15			1013.3 CALM	-8	-8	-9	9			
15 UNL 7			1021.6 NNE	12	-15	-15	-17	8		
16 80 7	IC		1030.7 N	6	-14	-14	-17	9		
17 70 1	BS		1022.1 NNW	17	-2	-2	-5	9		
18 15 4	S-		1013.4 CALM	-16	-16	-19	10			
19 UNL 15			1008.5 CALM	-26	-26	-28	0			
20 UNL 15	IC		1007.2 CALM	-16	-16	-20	0			
21 UNL 7	IC		1005.7 NW	5	-20	-20	-24	0		
22 30 3	IF		1019.6 W	9	-15	-15	-19	8		
23 20 7	IC		1021.9 SSW	8	-22	-22	-26	10		
24 UNL 8	IC		1022.6 CALM	4	-30	-29	-34	0		
25 UNL 8	IC		1011.0 NNE	5	-26	-26	-28	6		
26 UNL 8	IC		1016.2 E	4	-30	-30	-34	0		
27 UNL 8	IC		1026.4 W	5	-25	-25	-29	0		
28 UNL 10	IC		1008.7 NE	4	-36					
29 UNL 10			1008.6 NE	4	-34	-34	-40	0		
30 UNL 7	IC		1015.8 NNW	6	-30	-30	-36	0		
AVG			1017.0	6	-12	-12	-15	5		

MOULD BAY NMT  
NOVEMBER 1970 0500 MST

01 60 10			1015.5 CALM	19	19	17	6			
02 1 1/4BS			997.1 NNW	29	21	21	20	10		
03 UNL 10			1025.7 W	15	-1	-1	-3	0		
04 10 4	BS		1025.5 NW	20	-5	-5	-8	8		
05 UNL 15			1033.6 ENE	3	-17	-17	-20	0		
06 UNL 15			1022.4 CALM	-12	-12	-15	1			
07 40 12			1014.4 CALM	3	3	3	10			
08 15 10			1017.9 NNW	11	6	6	3	10		
09 24 10			1024.9 NE	17	1	1	-3	10		
10 UNL 10			1023.5 NE	4	-11	-11	-13	10		
11 UNL 15			1018.3 S	7	-5	-5	-8	0		
12 UNL 15			1006.3 S	4	5	5	3	7		
13 UNL 15			1010.3 SE	3	-2	-2	-3	0		
14 20 15			1013.1 E	3	-7	-7	-9	10		
15 90 7			1022.6 NE	13	-16	-16	-18	10		
16 80 5	S-		1030.1 N	7	-11	-10	-14	9		
17 70 8			1021.4 NW	8	-1	-1	-4	10		
18 15 4	IC		1012.9 CALM	-14	-14	-18	10			
19 UNL 10	IC		1008.3 CALM	-23	-23	-27	0			
20 UNL 15	IC		1007.0 NW	5	-20	-20	-24	0		
21 UNL 11/25	S-		1006.7 NNW	10	-16	-16	-19	4		
22 20 7	IF		1022.5 W	8	-15	-15	-19	10		
23 23 10	IC		1022.2 SW	8	-21	-21	-26	10		
24 UNL 8	IC		1022.6 CALM	-30	-29	-32	0			
25 UNL 8	IC		1009.1 NNE	2	-27	-27	-29	5		
26 UNL 8	IC		1017.8 E	2	-29	-29	-31	0		
27 UNL 10	IC		1027.3 CALM	-30	-30	-34	0			
28 UNL 2	ICIF		1017.0 NE	1	-39					
29 UNL 10	IC		1009.4 CALM	-38						
30 UNL 7	IC		1016.6 NNW	6	-28	-28	-34	0		
AVG			1017.0	6	-12	-12	-15	5		

Date	Calling (100% A)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

MOULD BAY NMT  
NOVEMBER 1970 0800 MST

01 80 10			1013.5 SE	8	24	24	23	6		
02 1 1/8BS			1007.1 NNW	26	9	9	7	10		
03 UNL 15			1026.5 W	12	-5	-5	-9	0		
04 UNL 15			1028.0 NW	10	-7	-7	-11	1		
05 UNL 15			1032.2 CALM	-18	-17	-19	0			
06 UNL 15			1021.5 CALM	-9	-9	-13	1			
07 20 7	S-		1012.8 CALM	5	5	3	10			
08 15 10			1019.1 N	10	6	6	3	10		
09 12 10			1024.3 N	7	1	1	-3	10		
10 UNL 10			1023.0 E	3	-9	-9	-11	4		
11 UNL 15			1016.8 S	3	-5	-5	-8	0		
12 UNL 15			1004.9 S	9	5	6	4	6		
13 UNL 15			1011.7 W	6	-6	-5	-7	0		
14 100 7	S-		1012.5 W	2	-7	-7	-9	10		
15 UNL 7			1025.4 NE	11	-17	-16	-20	8		
16 80 7			1028.5 NNW	6	-9	-9	-13	7		
17 70 10			1020.2 NW	9	-2	-2	-5	10		
18 15 3	ICF		1011.5 SE	6	-11	-11	-15	10		
19 UNL 15			1008.3 CALM	-26	-26	-30	0			
20 UNL 10	IC		1006.7 NW	9	-21	-21	-25	2		
21 UNL 1	S-		1007.8 NNW	10	-14	-14	-18	5		
22 25 7			1020.6 SW	9	-18	-18	-22	10		
23 UNL 15			1021.8 S	8	-26	-26	-32	3		
24 UNL 8	IC		1022.2 CALM	-30	-30	-36	0			
25 UNL 8	IC		1008.1 N	7	-27	-27	-29	4		
26 UNL 8	IC		1019.6 NE	4	-30	-30	-34	0		
27 UNL 8	IC		1026.1 ENE	5	-35					
28 UNL 4	ICIF		1006.1 CALM	-38						
29 UNL 10			1009.9 ENE	3	-36					
30 UNL 4	BS		1018.2 N	14	-28	-28	-34	0		
AVG			1017.2	7	-13	-13	-16	4		

MOULD BAY NMT  
NOVEMBER 1970 1100 MST

01 20 10			1010.2 SSE	14	26	25	22	10		
02 140 10	1/4BS		1012.4 NNW	24	2	2	0	9		
03 UNL 15			1026.2 W	12	-1	-1	-4	1		
04 UNL 10			1030.1 NW	10	-7	-7	-10	2		
05 UNL 10			1030.4 CALM	-18	-18	-19	3			
06 UNL 15			1020.6 CALM	-12	-12	-16	1			
07 15 4	S-		1011.8 CALM	8	8	6	10			
08 15 5	S-		1020.1 N	8	5	5	2	10		
09 12 10			1023.8 N	6	2	2	0	10		
10 90 10	IC		1022.6 SSE	8	-7	-7	-9	9		
11 UNL 15			1015.8 WSW	3	-2	-1	-3	1		
12 100 15			1004.0 S	5	7	8	5	10		
13 UNL 15			1012.7 CALM	-9	-8	-10	1			
14 20 3	F		1013.5 NNW	6	-3	-3	-6	10		
15 UNL 2	F		1026.6 NE	10	-14	-14	-17	7		
16 80 2	BS		1026.5 NW	2	-2	-2	-5	7		
17 30 10	S-		1018.1 N	5	-1	-1	-4	9		
18 15 7	IC		1010.6 SE	5	-14	-14	-18	10		
19 UNL 15			1008.0 CALM	-28	-28	-34	0			
20 70 10	IC		1006.3 CALM	-19	-19	-22	7			
21 UNL 3	IF		1010.6 NNW	8	-17	-17	-21	3		
22 25 7			1020.6 W	5	-15	-15	-19	10		
23 UNL 15			1021.7 SSW	13	-27	-27	-29	3		
24 UNL 8	IC		1021.5 CALM	-29	-29	-33	3			
25 UNL 8	IC		1001.1 NNW	8	-27	-27	-29	4		
26 UNL 8	IC		1020.5 CALM	-32	-32	-36	4			
27 UNL 8	IC		1024.1 CALM	-36						
28 UNL 7	IC		1006.1 CALM	-35						
29 UNL 15			1010.7 ENE	2	-36					
30 UNL 1	BS		1019.5 N	21	-26	-26	-32	3		
AVG			1017.1	6	-12	-12	-15	5		

Date	Calling (100% A)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

MOULD BAY NMT  
NOVEMBER 1970 1400 MST

01 UNL 10			1006.1 SSE	9	25	24	23	9		
02 UNL 2	BS		1017.7 W	20	-2	-2	-4	2		
03 UNL 15			1025.8 WSW	13	-4	-4	-7	3		
04 UNL 1	F		1034.2 WSW	6	-8	-8	-10	2		
05 UNL 10			1028.9 CALM	-17	-17	-19	4			
06 70 15			1019.8 CALM	-10	-10	-15	8			
07 15 4	S-		1011.4 N	2	9	9	7	10		
08 15 5	S-		1021.2 N	8	5	5	2	10		
09 12 10			1024.0 W	4	2	2	-1	10		
10 170 10			1022.6 S	5	-7	-7	-9	9		
11 UNL 15			1019.1 SSE	3	-2	-2	-4	1		
12 90 10			1009.9 S	4	9	9	8	10		
13 UNL 15			1013.4 CALM	-9	-9	-11	3			
14 100 3	S-		1014.4 NE	6	-6	-6	-9	10		
15 10 3	F		1027.7 ENE	16	-15	-15	-18	10		
16 100 4	BS		1025.5 NN	23	-1	-1	-3	9		
17 70 15			1017.1 CALM	-17	-17	-11	7			
18 80 8			1019.6 CALM	-15	-15	-19	9			
19 UNL 15			1008.0 CALM	-28	-28	-34	0			
20 UNL 15			1006.3 NNW	7	-21	-21	-26	1		
21 30 2	IF		1012.8 NNW	13	-19	-19	-23	6		
22 25 7			1020.5 SW	5	-20					

## SYNOPTIC OBSERVATIONS

## MOULD BAY

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

MOULD BAY NMT  
DECEMBER 1970 0200 MST

01 UNL 7	IC	1024.3 N	10	-33	-33	-39	8			
02 UNL 10	IC	1021.5 CALM	-41				0			
03 UNL 10	IC	1021.3 ENE	15	-25	-25	-31	0			
04 40 10	IC	1019.6 SSM	13	-19	-19	-23	9			
05 UNL 15	IC	1024.5 NE	6	-26	-26	-32	0			
06 UNL 15	IC	1036.1 CALM	-30	-30	-36	0				
07 UNL 8	IC	1022.3 W	20	-13	-13	-17	4			
08 UNL 2	BS	1013.6 NW	15	-19	-19	-22	2			
09 UNL 5	ICIF	1016.0 NNE	7	-22	-22	-24	7			
10 UNL 10	IC	1023.2 NNE	4	-30	-30	-34	0			
11 UNL 10	IC	1025.6 CALM	-31	-31	-35	7				
12 100 10	IC	1021.1 NNM	3	-13	-12	-16	10			
13 UNL 8	IC	1012.2 S	5	-26	-26	-30	4			
14 UNL 15	IC	1012.3 NW	8	-36			0			
15 UNL 15	IC	1022.0 CALM	-37				0			
16 25 6	ICIF	1022.3 CALM	-21	-21	-25	10				
17 UNL 15	IC	1029.5 NNM	3	-37			0			
18 UNL 10	IC	1030.0 NNM	7	-30	-30	-32	3			
19 UNL 15	IC	1026.2 ENE	3	-33	-33	-37	1			
20 UNL 5	ICIF	1022.7 CALM	-39				0			
21 UNL 15	IC	1018.0 CALM	-35	-35	-38	0				
22 UNL 15	IC	1024.6 CALM	-46				0			
23 UNL 8	IC	1018.7 E	3	-41			0			
24 UNL 10	IC	1015.0 CALM	-39				0			
25 UNL 10	IC	1006.2 W	6	-39			0			
26 UNL 10	IC	1006.1 CALM	-45				0			
27 40 8	IC	1009.0 SSM	11	-23	-23	-30	10			
28 UNL 10	IC	1020.4 ENE	3	-31	-31	-35	0			
29 UNL 15	IC	1019.9 CALM	-39				0			
30 UNL 15	IC	1020.5 NE	4	-34	-34	-37	0			
31 UNL 15	IC	1020.5 CALM	-33	-33	-37	0				
AVG		1020.2	5	-31			2			

MOULD BAY NMT  
DECEMBER 1970 0500 MST

01 UNL 8	IC	1025.3 N	16	-34	-34	-40	4			
02 UNL 10	IC	1018.6 S	10	-37			0			
03 UNL 15	IC	1022.9 NNE	11	-25	-25	-31	0			
04 40 10	IC	1017.7 SSM	16	-17	-17	-21	9			
05 UNL 15	IC	1026.4 CALM	-28	-28	-34	0				
06 UNL 15	IC	1035.6 CALM	-29	-29	-35	0				
07 12 3	S-	1019.9 W	17	-12	-12	-16	10			
08 UNL 2	ICBS	1014.7 N	11	-21	-20	-25	2			
09 UNL 8	IC	1016.9 N	8	-24	-24	-26	0			
10 UNL 10	IC	1024.0 CALM	-33	-32	-37	3				
11 UNL 10	IC	1025.6 CALM	-30	-30	-36	3				
12 80 10	S-	1018.5 W	6	-9	-8	-11	10			
13 UNL 7	IC	1011.6 SSM	7	-25	-25	-31	5			
14 UNL 15	IC	1013.3 NNM	6	-38			0			
15 UNL 15	IC	1022.6 NE	4	-37			0			
16 UNL 4	BS	1021.4 NW	17	-23	-23	-27	5			
17 UNL 10	IC	1030.3 N	10	-38			0			
18 UNL 10	IC	1029.8 NNM	8	-31	-31	-32	4			
19 60 12	S-	1025.8 CALM	-31	-31	-35	10				
20 UNL 5	ICIF	1021.7 CALM	-39				0			
21 UNL 10	IC	1019.4 CALM	-36				0			
22 UNL 10	IC	1024.1 CALM	-46				0			
23 UNL 8	IC	1018.0 CALM	-42				0			
24 UNL 10	IC	1014.2 CALM	-40				0			
25 UNL 10	IC	1005.8 CALM	-37				0			
26 UNL 10	IC	1006.3 E	2	-40			0			
27 35 8	S-	1009.9 SSE	3	-23	-23	-29	10			
28 UNL 10	IC	1021.3 E	2	-34	-34	-40	0			
29 UNL 15	IC	1019.3 CALM	-38				0			
30 UNL 15	IC	1020.6 CALM	-36				0			
31 UNL 15	IC	1020.5 CALM	-31	-31	-35	0				
AVG		1020.1	5	-31			2			

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

MOULD BAY NMT  
DECEMBER 1970 0800 MST

01 UNL 10	IC	1026.1 N	15	-34	-34	-40	0			
02 UNL 8	IC	1016.6 S	17	-26	-26	-32	0			
03 UNL 15	IC	1023.5 N	8	-29	-29	-35	0			
04 30 8	S-	1016.8 SSM	15	-16	-16	-19	10			
05 UNL 15	IC	1028.4 CALM	-33	-33	-46	0				
06 UNL 4	ICIF	1034.9 CALM	-25	-25	-29	2				
07 15 3	ICIF	1017.0 NW	10	-12	-12	-17	10			
08 20 2	S-BS	1014.5 SSE	5	-16	-16	-19	10			
09 UNL 5	ICIF	1017.9 NE	8	-25	-25	-27	0			
10 UNL 10	IC	1024.4 CALM	-31	-31	-37	0				
11 UNL 10	IC	1025.7 CALM	-30	-30	-36	8				
12 80 10	S-	1016.1 N	3	-11	-11	-14	10			
13 80 7	IC	1011.3 S	8	-25	-25	-31	7			
14 UNL 15	IC	1014.3 NNM	15	-40			0			
15 UNL 15	IC	1023.2 CALM	-38				3			
16 25 4	BS	1020.8 NW	16	-28	-28	-32	10			
17 UNL 8	IC	1030.9 NNM	5	-37			0			
18 UNL 10	IC	1029.6 NNM	12	-34	-33	-35	2			
19 60 12	S-	1024.8 CALM	-30	-30	-34	9				
20 UNL 4	ICIF	1020.5 CALM	-39				0			
21 UNL 5	ICIF	1020.3 SE	10	-40			0			
22 UNL 10	IC	1023.0 NE	1	-42			0			
23 UNL 8	IC	1017.5 E	5	-38			0			
24 UNL 10	IC	1013.0 CALM	-42				0			
25 UNL 10	IC	1005.1 CALM	-43				0			
26 45 6	S-	1006.7 CALM	-36				9			
27 UNL 8	IC	1010.2 CALM	-24	-24	-30	3				
28 UNL 10	IC	1021.4 CALM	-37				0			
29 UNL 6	IF	1018.5 NE	2	-39			0			
30 UNL 15	IC	1021.1 CALM	-34	-34	-37	0				
31 UNL 15	IC	1020.1 CALM	-34	-34	-37	0				
AVG		1019.8	5	-31			3			

MOULD BAY NMT  
DECEMBER 1970 1100 MST

01 UNL 1	ICIF	1026.6 NNM	13	-39			2			
02 UNL 8	IC	1015.3 SSM	13	-22	-22	-27	0			
03 UNL 15	IC	1024.4 NNM	8	-31	-31	-37	0			
04 UNL 8	S-	1016.3 SSM	11	-17	-17	-20	4			
05 UNL 15	IC	1030.2 CALM	-29	-29	-37	0				
06 UNL 2	ICBS	1033.4 N	5	-20	-20	-24	4			
07 15 5	ICIF	1014.4 W	11	-13	-12	-16	10			
08 1	1/45-BS	1013.6 NNM	17	-16	-15	-19	10			
09 UNL 4	F	1019.1 N	6	-29	-29	-31	3			
10 UNL 10	IC	1024.5 CALM	-32	-32	-33	2				
11 UNL 8	IC	1025.7 CALM	-29	-29	-31	9				
12 80 3	S-	1015.0 SSM	6	-13	-13	-16	10			
13 UNL 10	IC	1010.9 CALM	-28	-28	-34	2				
14 UNL 10	IC	1015.4 SW	8	-40			0			
15 UNL 15	IC	1023.5 CALM	-38				3			
16 25 8	IC	1021.8 N	12	-29	-29	-33	10			
17 UNL 8	IC	1030.7 N	4	-36			4			
18 UNL 10	IC	1029.2 NNM	12	-32	-32	-36	1			
19 60 10	S-	1024.6 CALM	-33	-33	-37	7				
20 UNL 4	ICIF	1019.2 CALM	-40				1			
21 UNL 10	IC	1022.1 CALM	-44				0			
22 UNL 15	IC	1022.3 CALM	-45				0			
23 UNL 10	IC	1016.3 SE	4	-38			2			
24 UNL 10	IC	1011.2 CALM	-41				0			
25 UNL 10	IC	1004.9 CALM	-47				0			
26 40 8	S-	1007.8 CALM	-30	-30	-36	7				
27 UNL 10	IC	1011.7 CALM	-32	-32	-33	1				
28 UNL 10	IC	1022.7 NE	5	-40			0			
29 UNL 10	IC	1018.4 CALM	-38				0			
30 UNL 15	IC	1020.7 NE	3	-33	-32	-37	2			
31 UNL 15	IC	1019.9 CALM	-32	-32	-36	0				
AVG		1019.7	4	-32			3			

MOULD BAY NMT  
DECEMBER 1970 1400 MST

01 UNL 4	ICIF	1026.5 N	9	-41	-21	-25	3			
02 70 3	S-	1015.3 S	11	-21	-21	-25	10			
03 UNL 15	IC	1025.2 CALM	-35	-35	-41	0				
04 UNL 8	IC	1017.4 S	14	-19	-19	-23	3			
05 UNL 15	IC	1032.4 CALM	-31	-31	-33	0				
06 UNL 4	ICIF	1032.1 SW	5	-22	-22	-26	4			
07 30 1	S-BS	1011.5 W	20	-11	-10	-14	10			
08 UNL 10	IC	1014.6 NNM	13	-17	-17	-20	1			
09 UNL 10	IC	1020.4 N	9	-26	-26	-28	0			
10 UNL 10	IC	1025.0 ENE	3	-34	-34	-35	0			
11 UNL 10	IC	1025.8 CALM	-25	-25	-27	9				
12 80 7	IC	1014.4 S	4	-13	-12	-16	10			
13 UNL 15	IC	1011.2 CALM	-30	-30	-36	1				
14 UNL 10	IC	1017.2 NNM	4	-40			0			
15 UNL 6	ICIF	1024.4 NNM	5	-27	-27	-33	7			
16 30 8	IC	1022.9 NNM	7	-32	-32	-36	10			
17 UNL 10	IC	1030.9 NNM	15	-33	-33	-39	4			
18 UNL 10	IC	1028.8 NNM	8	-33	-33	-34	5			
19 60 10	IC	1024.5 CALM	-30	-30	-34	10				
20 UNL 10	IC	1018.4 CALM	-							

## SYNOPTIC OBSERVATIONS

## RESOLUTE (A)

Date	Calling (1000 ft.)	Visibility (initial)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
------	--------------------	----------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	---------------------

RESOLUTE A NMT  
JULY 1970 0000 CST

01	3	1/8L-F		1023.9	NNE	3	36	36	35	10
02	3	1/2F		1017.8	CALM	34	34	34	33	10
03	200	15		1005.7	SSE	3	36	36	35	9
04	5	15		999.9	NW	23	34	34	33	10
05	3	1/8S-F		1001.4	W	6	32	32	31	10
06	UNL	40		1006.7	NW	2	34	33	30	8
07	20	15	R-	1006.5	SE	15	39	37	33	10
08	2	1/8F		1009.6	ESE	7	36	36	36	10
09	UNL	40		1010.6	CALM	46	42	36	5	
10	UNL	40		1010.0	N	3	46	45	44	3
11	180	40		1018.8	N	14	37	35	32	9
12	2	8		1018.9	N	16	38	38	37	10
13	UNL	40		1014.3	NE	24	43	40	36	0
14	UNL	40		1016.0	CALM	35	34	31	0	
15	7	15		1013.8	S	2	35	35	34	9
16	UNL	20		1010.7	NNE	15	44	41	38	1
17	8	40		1010.8	N	28	35	34	32	10
18	30	40		1012.5	N	20	37	36	33	9
19	200	40		1016.6	NNE	16	42	39	34	10
20	180	40		1014.8	NE	19	41	38	33	10
21	70	40		1012.5	NE	6	46	42	36	10
22	40	8		1015.0	E	8	36	35	34	9
23	UNL	15		1017.2	SE	4	36	35	34	1
24	90	40		1015.6	NW	8	44	42	39	8
25	30	40		1014.4	W	6	37	36	33	9
26	0	0	F	1009.1	SSE	12	33	33	32	10
27	15	3/8S-F		1007.3	SE	3	33	33	33	10
28	30	15	R-	1007.6	NNW	4	36	35	34	10
29	4	3/8L-F		1011.5	CALM	34	34	33	10	
30	UNL	40		1017.0	NNE	12	43	41	39	0
31	UNL	40		1013.8	CALM	43	40	37	6	
AVG				1012.3		9	38	37	35	8

RESOLUTE A NMT  
JULY 1970 0300 CST

01	5	5/8F		1024.2	CALM	33	33	32	10	
02	70	15		1016.2	CALM	33	33	32	7	
03	1	1/4F		1004.0	S	8	41	41	40	10
04	4	15		1000.9	NW	17	34	34	32	10
05	3	1/8S-F		1001.9	NW	5	33	33	32	10
06	UNL	40		1007.3	ESE	3	35	34	31	6
07	12	15	R-	1006.3	SE	13	38	37	36	10
08	35	40		1009.9	SE	9	37	37	36	9
09	UNL	40		1010.2	NNW	3	45	41	37	1
10	UNL	40		1011.0	CALM	44	42	40	1	
11	UNL	20		1019.9	N	15	35	35	33	8
12	UNL	10		1018.6	NW	10	36	36	35	8
13	UNL	40		1014.1	NE	20	43	40	35	2
14	UNL	40		1016.1	S	2	35	34	31	0
15	3	1/4F		1013.4	SE	3	36	36	35	10
16	UNL	20		1011.2	NNE	7	43	41	38	2
17	4	15		1010.7	NW	29	34	34	32	10
18	15	40		1012.7	NW	17	35	34	31	10
19	30	40		1016.9	NE	20	41	39	35	9
20	110	40		1014.5	NNE	17	41	38	33	9
21	70	40		1012.9	CALM	46	41	35	9	
22	80	15		1015.3	ENE	3	36	35	32	9
23	17	15		1017.6	SSE	2	35	34	32	9
24	160	40		1015.7	NE	12	42	40	37	7
25	30	40		1013.8	NNW	5	36	35	33	9
26	3	20	R-	1007.9	S	17	37	36	33	10
27	30	1/2F		1007.7	NW	4	32	32	31	9
28	25	7	R-	1007.6	NNW	10	37	36	34	9
29	2	1/4L-F		1012.5	CALM	34	34	33	10	
30	UNL	40		1017.4	NNE	15	41	39	37	1
31	UNL	40		1013.6	CALM	41	39	36	9	
AVG				1012.3		9	38	37	34	7

Date	Calling (1000 ft.)	Visibility (initial)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
------	--------------------	----------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	---------------------

RESOLUTE A NMT  
JULY 1970 0600 CST

01	40	6	F	1023.2	CALM	34	34	33	9	
02	UNL	40		1014.1	W	2	43	42	40	5
03	2	3/4F		1002.5	ESE	12	40	40	39	10
04	5	15		1001.6	NW	20	34	34	33	10
05	20	15		1002.6	N	9	35	35	34	9
06	UNL	40		1007.6	ESE	4	35	34	32	8
07	10	15	R-	1006.5	ESE	15	37	37	36	10
08	25	40		1010.5	SE	12	39	38	37	9
09	UNL	40		1010.0	NNW	5	45	40	34	1
10	UNL	40		1011.2	NNW	2	44	41	38	1
11	30	15		1020.8	NW	13	35	34	31	9
12	UNL	15		1018.2	N	12	42	40	37	2
13	UNL	40		1014.1	NE	21	46	42	38	6
14	UNL	40		1016.3	CALM	38	36	32	1	
15	2	1/8L-F		1013.2	NNW	5	37	37	36	10
16	UNL	10		1011.4	N	15	39	38	36	7
17	3	5	F	1012.2	NNW	14	35	34	33	10
18	12	10		1012.8	NNW	15	34	34	32	10
19	50	40		1017.2	NE	18	43	40	36	7
20	90	40		1014.2	NE	25	42	39	34	9
21	100	40		1012.6	NNW	5	46	42	36	8
22	8	15		1015.2	NNE	15	38	37	34	10
23	15	15		1018.0	CALM	39	38	37	9	
24	UNL	40		1016.1	NW	12	39	38	35	3
25	30	3/4F		1013.3	NW	5	35	34	33	10
26	25	40		1007.1	S	13	35	34	32	10
27	70	10		1008.1	NW	3	32	32	31	9
28	14	15		1007.8	NNE	7	48	47	35	9
29	20	21/2F		1013.8	CALM	37	37	36	9	
30	UNL	40		1017.3	NE	17	42	40	37	1
31	UNL	40		1013.3	CALM	44	41	38	10	
AVG				1012.3		10	39	37	35	8

RESOLUTE A NMT  
JULY 1970 0900 CST

01	80	15		1022.4	SSE	7	35	35	34	9
02	UNL	40		1012.4	NW	3	43	40	37	5
03	0	0	L-F	1001.0	SE	11	43	43	42	10
04	2	6	F	1001.7	NNW	14	34	34	33	10
05	50	15		1003.2	N	11	37	36	34	9
06	UNL	40		1007.5	SSE	9	36	35	33	10
07	11	40	R-	1006.6	SE	12	36	36	35	10
08	20	40		1010.6	SSE	7	43	40	36	8
09	UNL	40		1009.5	CALM	45	41	37	1	
10	100	40		1012.0	NNW	8	38	37	34	8
11	12	40		1021.0	NNW	7	36	34	31	8
12	UNL	40		1017.0	N	16	49	44	38	3
13	UNL	40		1014.2	NNE	18	52	46	39	3
14	UNL	40		1016.4	NW	2	41	38	33	1
15	UNL	3	F	1012.7	NNW	8	38	38	37	1
16	UNL	15		1011.4	N	18	43	40	37	2
17	10	20		1012.5	N	15	38	37	35	9
18	8	40		1012.9	N	13	37	36	33	9
19	UNL	40		1017.5	SSE	6	44	40	35	5
20	180	40		1013.6	NNE	15	46	41	35	9
21	100	40		1013.0	SE	7	40	38	34	9
22	10	20		1015.3	ENE	12	40	38	36	9
23	15	15		1018.2	WSW	3	40	38	35	10
24	UNL	40		1016.1	NNW	10	41	39	36	4
25	30	10		1012.1	NW	5	34	34	32	10
26	10	40	R-	1006.5	S	12	36	35	33	10
27	70	8	R-	1008.3	CALM	34	34	33	10	
28	13	3	R-F	1008.3	S	3	35	34	33	9
29	15	40		1014.5	NW	3	38	37	36	10
30	UNL	40		1017.5	NE	11	47	44	40	1
31	170	40		1012.2	NE	6	48	44	39	10
AVG				1012.2		9	40	38	35	7

Date	Calling (1000 ft.)	Visibility (initial)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (heavily)
------	--------------------	----------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	---------------------

RESOLUTE A NMT  
JULY 1970 1200 CST

01	7	4	F	1021.6	E	4	38	38	37	10
02	UNL	40		1010.9	NNW	7	42	40	37	3
03	3	1/2F		999.5	SE	10	40	40	39	10
04	4	15		1001.8	NNW	9	34	34	33	10
05	50	15		1004.1	NNW	11	36	34	31	8
06	UNL	40		1007.2	SSE	10	39	37	33	10
07	10	40		1007.1	ESE	11	37	37	36	8
08	UNL	40		1010.8	S	10	44	41	38	2
09	UNL	40		1009.2	CALM	50	44	38	1	
10	7	15		1013.4	N	13	43	41	39	9
11	UNL	40		1020.8	NNW	9	38	36	32	7
12	UNL	40		1016.3	N	15	53	46	38	2
13	UNL</									

## SYNOPTIC OBSERVATIONS

RESOLUTE (A)

Date	Ceiling (100's ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Deck Point (°F)	Sky Cover (tenths)
------	---------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	-----------------	--------------------

RESOLUTE A NMT  
AUGUST 1970 0000 CST

01 UNL 40	1010.5 NE	13	44	42	39	3
02 UNL 40	1011.7 CALM	40	37	33	4	
03 UNL 10	1006.9 S	3	30	30	28	6
04 UNL 40	1010.1 SSE	2	37	35	32	5
05 70 15	1014.4 CALM	5	32	32	30	7
06 UNL 40	1009.6 NW	5	38	37	34	6
07 3 20	1011.3 NW	4	33	33	32	9
08 UNL 40	1014.3 N	10	37	36	33	1
09 UNL 40	1018.8 NE	18	42	39	35	1
10 UNL 40	1020.6 NE	14	45	41	36	3
11 120 40	1017.8 E	15	45	40	34	9
12 UNL 40	1015.4 N	2	40	37	33	8
13 UNL 40	1014.1 N	5	38	37	35	3
14 20 20	1008.1 MNW	4	36	34	30	10
15 16 21/25-	999.8 NW	17	30	30	28	10
16 20 15	1005.1 MNW	16	32	32	31	10
17 7 15	1007.3 NW	15	33	33	31	10
18 10 15 L-	1008.9 MNW	8	33	33	33	10
19 15 15	1008.9 NNW	13	33	32	30	8
20 12 20	1008.6 N	12	29	28	25	6
21 100 20	1004.7 N	30	32	30	26	8
22 100 15	1006.6 NNW	6	33	32	29	9
23 12 10	1018.5 S	6	31	31	30	10
24 30 40	1022.4 ESE	26	41	36	34	10
25 0 1/RL-F	1022.5 ESE	6	35	35	35	10
26 1 1/BL-F	1020.9 SE	10	38	38	37	10
27 4 1/2R-F	1014.0 SE	11	36	36	36	10
28 20 15 R-	1012.6 CALM	37	36	33	9	
29 22 20	1014.0 CALM	4	38	37	36	10
30 0 0 R-F	1009.5 S	16	36	36	35	10
31 15 10 R-	1006.1 S	14	36	35	34	10
AVG	1012.1	10	36	35	32	8

RESOLUTE A NMT  
AUGUST 1970 0300 CST

01 UNL 40	1010.8 NNE	14	41	39	36	1
02 UNL 40	1011.7 N	3	40	38	35	4
03 UNL 5 F	1006.3 S	1	29	29	27	5
04 UNL 40	1011.3 CALM	34	33	30	2	
05 UNL 40	1014.5 CALM	35	33	30	6	
06 60 40	1009.6 NW	4	42	39	35	9
07 12 20	1011.8 NNW	6	35	34	33	9
08 UNL 40	1014.8 NE	16	37	35	32	0
09 UNL 40	1019.4 NE	17	42	38	33	1
10 UNL 40	1021.0 W	3	46	41	34	3
11 120 40	1017.1 E	20	44	40	34	7
12 UNL 40	1015.5 S	3	38	35	30	7
13 UNL 40	1013.6 CALM	35	34	31	7	
14 25 20	1007.3 NNW	2	34	32	29	10
15 15 11/25-	999.5 NW	18	30	30	28	10
16 7 10	1005.4 MNW	15	31	30	29	10
17 5 10	1007.3 NW	12	32	32	30	10
18 12 15	1009.1 W	8	31	31	30	10
19 17 4 F	1008.5 NNW	16	32	32	30	10
20 12 20	1008.8 N	20	28	27	23	8
21 100 20	1003.7 NNE	16	31	29	26	8
22 100 15	1007.8 NW	7	31	30	28	10
23 7 10	1020.0 S	9	31	31	29	10
24 0 1/4L-F	1022.5 ESE	9	35	35	33	10
25 0 0 F	1022.3 SE	4	36	36	35	10
26 2 3/BL-F	1020.0 SE	12	37	37	36	10
27 12 10	1013.1 SE	10	40	39	38	10
28 45 15 R-	1013.0 CALM	39	39	38	10	
29 22 20	1014.0 SE	7	39	38	36	8
30 0 0 L-F	1009.8 S	16	34	34	33	10
31 20 20	1005.3 SE	17	38	36	33	10
AVG	1012.1	9	36	34	32	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)	Deck Point (°F)	Sky Cover (tenths)
------	---------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	-----------------	--------------------

RESOLUTE A NMT  
AUGUST 1970 0600 CST

01 UNL 40	1010.7 NNE	15	44	41	37	1
02 UNL 40	1011.8 SE	4	37	35	32	1
03 UNL 10	1005.8 S	2	37	37	37	2
04 UNL 40	1012.0 SE	1	41	38	34	1
05 UNL 40	1014.1 S	4	28	28	25	10
06 25 40	1009.5 NW	6	40	38	35	9
07 25 20	1012.4 N	12	39	37	34	10
08 UNL 40	1015.5 E	4	40	38	34	0
09 UNL 40	1020.0 N	6	42	39	34	0
10 UNL 40	1021.1 SSE	1	46	42	37	3
11 UNL 40	1016.8 ESE	20	45	41	35	5
12 UNL 40	1015.6 NNW	2	38	36	32	2
13 UNL 40	1012.9 CALM	37	36	33	10	
14 UNL 40	1006.5 CALM	33	32	30	5	
15 35 20	1000.1 N	20	31	30	28	7
16 8 20	1005.3 MNW	15	31	31	29	10
17 21 10	1007.5 NW	13	32	32	30	10
18 4 7 S-	1009.4 NW	13	32	32	31	9
19 10 15 S-	1008.4 NNW	17	32	31	29	10
20 12 40	1008.9 N	22	29	27	23	9
21 100 20	1003.5 NNE	34	31	29	24	8
22 2 2 1/2F	1009.1 W	7	30	30	28	9
23 10 20	1021.6 S	5	31	31	29	10
24 0 0 L-F	1022.5 SE	10	36	36	36	10
25 0 0 F	1022.4 ESE	5	35	35	34	10
26 1 1/2L-F	1019.2 SE	10	38	38	37	10
27 100 20	1012.9 SE	13	39	38	37	9
28 45 20	1013.4 ESE	6	40	39	37	9
29 22 20	1014.0 SE	9	39	38	37	10
30 0 0 1/BR-F	1012.3 S	23	36	36	36	10
31 11 40	1004.3 S	20	39	38	36	10
AVG	1012.2	10	36	35	33	7

RESOLUTE A NMT  
AUGUST 1970 0900 CST

01 UNL 40	1010.7 NE	13	49	44	39	1
02 UNL 40	1011.1 S	4	41	39	35	0
03 UNL 10	1006.0 S	3	37	35	32	1
04 UNL 40	1012.9 SE	13	44	38	31	9
05 UNL 10 F	1013.7 S	4	31	31	29	5
06 25 40	1009.3 NW	9	41	39	35	10
07 4 15	1013.1 NNW	15	37	36	33	9
08 UNL 40	1016.0 WSW	2	46	42	36	1
09 UNL 40	1020.2 S	4	50	44	38	1
10 UNL 40	1020.7 ESE	1	45	41	36	8
11 UNL 40	1015.5 E	9	47	40	32	3
12 UNL 40	1015.2 NW	5	41	37	32	6
13 UNL 40	1011.8 NNW	6	39	36	32	10
14 3 1/4F	1005.8 W	12	30	30	29	10
15 35 10	1001.5 MNW	22	31	29	27	9
16 2 1/25-F	1005.2 MNW	15	31	31	30	10
17 4 8 S-	1007.2 NNW	15	32	32	30	10
18 30 15	1009.6 NW	10	35	34	31	9
19 10 20 SW-	1008.0 NNW	17	32	31	29	8
20 12 40	1007.7 NNE	23	32	30	25	8
21 100 20	1009.3 N	30	34	31	25	6
22 2 2 1/2F	1010.1 W	7	30	30	29	10
23 12 40	1022.5 SE	14	32	31	29	9
24 0 0 L-F	1022.4 SE	10	34	34	33	10
25 80 15	1022.1 SSE	10	37	37	36	9
26 3 11/2L-F	1017.7 SE	12	40	40	39	10
27 UNL 20	1012.3 SE	15	43	41	38	10
28 45 20	1013.8 CALM	38	37	36	10	
29 10 40	1013.5 SSE	15	40	38	36	10
30 1 1/2R-F	1009.9 S	17	35	35	34	10
31 12 40	1004.0 S	20	39	37	34	10
AVG	1012.1	11	38	36	33	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)	Deck Point (°F)	Sky Cover (tenths)
------	---------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	-----------------	--------------------

RESOLUTE A NMT  
AUGUST 1970 1200 CST

01 UNL 40	1011.8 SSE	5	42	39	35	1
02 UNL 40	1010.7 SSE	5	39	37	33	1
03 UNL 10	1006.4 S	6	36	33	33	5
04 UNL 40	1013.3 SSE	16	45	39	32	3
05 UNL 40	1013.0 MNW	5	36	33	29	8
06 25 40	1009.5 W	10	38	37	34	10
07 UNL 15	1013.0 MNW	9	40	38	34	3
08 UNL 40	1016.4 W	8	48	43	37	1
09 UNL 40	1020.7 WNW	2	49	43	36	8
10 UNL 40	1020.5 S	5	49	43	37	7
11 UNL 40	1016.0 E	12	53	44	35	10
12 UNL 40	1015.5 NW	4	44	39	32	10
13 UNL 40	1011.1 WNW	10	40	37	32	10
14 2 1/8F	1004.4 W	10	32	32	31	10
15 35 8 S-	1002.4 NW	20	31	30	28	10
16 7 3 L-F	1005.1 NW	22	33	33	31	10
17 10 10 S-	1007.4 MNW	12	33	33	31	10
18 12 15 R-	1009.7 NW	10	37	37	36	8
19 12 20	1008.0 N	14	32	30	25	9
20 12 40	1007.2 NNE	26	31	29	24	7
21 200 20	1003.3 N	27	36	32	25	6
22 14 10	1011.2 W	7	31	30	28	10
23 UNL 40	1022.4 ESE	17	37	34	30	1
24 2 1/4L-F	1022.4 SE	12	36	35	35	10
25 200 20	1022.3 SE	9	37	36	35	8
26 1 1/8L-F	1016.4 SSE	12	39	39	38	10
27 100 20	1012.2 SE	13	44	42	39	10
28 45 20	1014.2 SSE	5	41	40	39	10
29 2 20	1012.0 SSE	16	38	37	36	10
30 1 1/2RF	1009.3 S	16	30	30	28	10
31 2 1 R+	1004.8 SSE	11	36	36	35	10
AVG	1012.1	11	39	36	33	8

RESOLUTE A NMT  
AUGUST 1970 1500 CST

01 UNL 40	1012.5 SSE	6	42	38	33	1
02 UNL 40	1010.1 SSE	6	41	38	34	1
03 UNL 40	1007.4 SSE	4	39	36	32	6
04 UNL 40	1014.1 SE	17	45	39	30	6
05 UNL 15	1012.1 S	5	40	36	31	4
06 25 40	1009.9 NNW	15	37	36	34	9
07 UNL 40	1013.3 MNW	14	38	36	33	1
08 UNL 40	1017.1 WSW	3	48	43	37	1
09 UNL 40	1020.6 ENE	9	56	45	33	10
10 UNL 40	1019.8 SSE	7	51	44	37	4
11 UNL 40	1015.5 S	6	53	44	35	10
12 UNL 40	1015.2 SSE	6	49	43	36	6
13 200 40	1010.4 NNW	13	44	38	31	10
14 5 3/4L-F	1003.7 MNW	12	33	33	31	10
15 20 5 S-F	1003.4 NNW	20	33	31	28	10
16 12 5 S-F	1005.9 NNW	18	34</			

## SYNOPTIC OBSERVATIONS

## RESOLUTE (A)

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

RESOLUTE A NMT  
SEPTEMBER 1970 0000 CST

01 5 2	S-	1009.4	N	17	31	30	28	10		
02 UNL 10		1015.2	N	32	24	23	19	2		
03 13 10	S-	1018.3	N	24	28	27	24	10		
04 10 15		1017.6	NW	16	30	30	29	10		
05 UNL 40		1016.8	E	7	25	25	23	1		
06 24 10		1014.3	SE	22	30	29	26	10		
07 UNL 15		1007.7	ESE	35	32	31	28	3		
08 UNL 10		1008.0	E	30	30	28	24	1		
09 UNL 15		1012.0	NE	25	23	23	21	2		
10 15 15		1012.6	NW	26	25	25	23	7		
11 14 6	S-	1013.8	NW	22	27	27	25	10		
12 20 10		1014.2	N	8	29	28	25	10		
13 25 10		1006.7	NW	14	28	28	26	10		
14 15 10		1000.8	S	5	26	24	20	10		
15 9 10		995.3	SE	18	24	23	19	10		
16 100 15		997.9	E	29	31	31	29	8		
17 50 15		1003.2	ENE	23	30	30	28	9		
18 90 10	S-	1005.4	NE	21	32	32	30	10		
19 UNL 15		1013.7	N	11	18	18	14	5		
20 UNL 15		1013.7	N	7	20	19	16	2		
21 2	3/4F	1015.4	SSW	10	24	24	22	10		
22 5 10		1020.9	SE	10	28	28	27	10		
23 6 11/2F		1020.4	SSE	7	28	28	27	10		
24 10 4	S-	1023.6	NNW	11	25	25	23	10		
25 UNL 15		1019.9	NNW	13	17	17	13	0		
26 90 15		1011.1	ESE	6	22	21	19	8		
27 10 6	S-	1000.3	SE	15	27	26	24	10		
28 18 15	S-	999.3	SE	4	22	21	17	10		
29 8 8	S-	1000.7	WSW	9	15	15	13	10		
30 14 5	S-	998.9	S	10	17	17	14	10		

AVG 1010.1 16 26 25 23 8

RESOLUTE A NMT  
SEPTEMBER 1970 0300 CST

01 4 1	S-	1010.3	NNE	22	30	30	28	10		
02 UNL 8		1016.4	N	35	23	22	18	2		
03 15 15		1018.3	NNW	28	27	27	24	10		
04 8 15		1017.3	NNW	20	30	29	27	10		
05 UNL 15+		1017.0	NNE	3	22	21	19	0		
06 25 10		1013.1	ESE	31	30	28	25	10		
07 UNL 13		1007.0	E	43	31	30	28	4		
08 UNL 10		1008.8	E	17	28	27	23	4		
09 UNL 15		1012.0	NE	23	23	23	21	4		
10 20 15		1012.8	NW	25	26	24	19	10		
11 12 15		1013.9	NNW	21	28	27	25	10		
12 25 10	S-	1013.3	NNW	5	29	28	26	10		
13 60 10	S-	1005.6	NW	12	28	28	26	9		
14 15 10		1000.4	WSW	4	25	25	23	10		
15 11 10		994.8	E	15	24	23	19	10		
16 40 15		999.1	E	29	31	30	28	10		
17 50 15		1003.6	NE	19	30	29	26	9		
18 30 10	S-	1006.0	NNE	17	30	29	27	9		
19 100 15		1011.6	N	10	19	18	13	7		
20 UNL 15		1014.3	NNE	3	18	17	13	1		
21 3 11/2S-F		1016.1	SW	15	24	24	23	10		
22 10 10		1021.1	ESE	13	24	23	19	10		
23 1	1/2F	1021.1	ESE	3	29	29	27	10		
24 15 3	F	1023.9	NNW	12	24	24	22	9		
25 UNL 10		1019.1	N	15	16	16	12	1		
26 90 15		1009.8	S	9	21	21	18	8		
27 10 6	S-	1000.3	SE	12	27	26	24	10		
28 16 15	S-	999.4	NE	1	21	20	15	10		
29 10 6	S-	1001.0	W	15	17	17	14	10		
30 6 3/4S-		1000.1	W	16	17	17	14	10		

AVG 1010.2 16 25 25 22 8

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

RESOLUTE A NMT  
SEPTEMBER 1970 0600 CST

01 5 1/2S-F		1010.3	N	25	29	28	26	10		
02 UNL 3	BS	1018.2	N	31	24	23	20	5		
03 UNL 15		1018.2	N	23	26	25	22	3		
04 6 15		1017.0	N	28	30	29	26	10		
05 UNL 30		1016.8	ESE	5	24	23	20	1		
06 25 20		1011.8	ESE	30	29	28	26	8		
07 25 10		1006.8	E	42	31	31	29	9		
08 UNL 15		1008.9	E	23	28	28	26	4		
09 UNL 15		1012.4	NE	20	26	26	24	2		
10 14 15		1012.9	NW	28	26	25	22	10		
11 6 3	S-F	1014.6	NNW	21	29	28	26	10		
12 6 3	S-	1012.4	NNW	8	28	28	27	10		
13 10 10		1004.4	NNW	13	29	29	27	10		
14 10 10	SW-	999.8	ESE	4	25	25	23	10		
15 11 10		994.4	ENE	15	26	19	15	7		
16 4 1	F	1000.6	E	28	30	30	28	10		
17 35 8	S-	1004.1	NE	21	31	30	27	10		
18 100 4	S-F	1006.5	NNW	12	26	25	23	9		
19 UNL 15		1011.6	N	9	16	16	14	3		
20 UNL 15		1014.0	CALM	18	18	18	15	4		
21 10 15		1016.9	SSW	10	25	25	24	10		
22 12 15	S-	1021.0	ESE	14	26	26	24	10		
23 1	1/8F	1021.1	CALM	30	30	29	10			
24 UNL 3	F	1024.0	N	13	20	20	18	3		
25 UNL 15		1018.4	N	9	18	18	15	5		
26 90 15		1008.0	E	21	25	24	22	10		
27 10 10	S-	1000.0	ESE	9	27	27	25	10		
28 8 15		999.2	N	3	21	20	16	10		
29 8 10		1000.5	SW	6	18	18	15	10		
30 100 15		1001.3	WSW	13	12	12	8	6		

AVG 1010.2 16 25 25 22 8

RESOLUTE A NMT  
SEPTEMBER 1970 0900 CST

01 8 3/4S-F		1010.9	N	20	29	28	26	10		
02 10 3	BS	1018.7	NNE	30	25	24	21	9		
03 UNL 40		1017.5	N	24	27	26	23	3		
04 12 20		1016.8	NNW	17	29	28	26	6		
05 3 3	F	1016.5	SE	10	25	25	23	10		
06 20 40		1011.5	ESE	30	31	30	27	10		
07 15 5	F	1006.2	E	48	32	31	28	9		
08 UNL 15		1009.7	ENE	20	29	27	22	5		
09 10 7		1012.6	N	26	27	26	22	8		
10 12 6	S-	1012.5	NW	23	26	25	22	10		
11 6 1	S-	1015.0	NNW	19	29	29	27	10		
12 10 6	S-	1011.4	NNW	8	30	29	27	10		
13 30 40		1003.4	NW	8	27	27	25	10		
14 10 20		998.7	SSE	10	26	25	22	9		
15 21 10	ZL-	994.1	E	21	26	25	22	10		
16 16 11/2S-F		1001.5	E	21	31	30	28	10		
17 17 7	S-	1004.5	NE	21	32	31	29	10		
18 100 21/2S-		1006.4	N	14	27	26	23	10		
19 UNL 40		1011.7	NNW	10	18	18	15	4		
20 UNL 15	1/2F	1013.9	SE	6	23	23	21	7		
21 10 15		1017.6	SW	11	24	24	22	10		
22 80 15		1020.3	ESE	23	27	26	26	9		
23 30 3/8F		1021.8	CALM	29	29	28	9			
24 UNL 10		1023.3	N	14	21	20	17	5		
25 UNL 15		1016.9	NNW	7	17	17	14	1		
26 70 15		1006.6	ESE	22	26	25	22	9		
27 8 10	S-	999.8	SE	12	27	26	24	9		
28 16 15	S-	999.0	NNW	7	19	19	15	10		
29 10 5	S-	999.2	S	13	22	21	16	10		
30 25 10	S-	1001.2	SW	20	17	16	12	9		

AVG 1010.0 17 26 25 23 8

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

RESOLUTE A NMT  
SEPTEMBER 1970 1200 CST

01 11 1	S-F	1011.5	N	19	30	29	27	10		
02 15 3	BS	1018.3	N	35	25	24	20	8		
03 120 40		1017.6	N	24	30	29	26	9		
04 UNL 40		1017.3	N	18	30	29	27	3		
05 3 5	S-	1016.5	SE	22	26	25	23	9		
06 UNL 40		1010.8	E	27	32	31	29	3		
07 15 5	F	1005.6	E	45	31	31	29	9		
08 UNL 15		1010.0	NE	23	30	28	23	1		
09 UNL 15		1012.4	N	23	28	27	25	9		
10 15 5	S-	1012.5	NW	18	27	26	23	10		
11 12 20		1014.6	NNW	22	31	30	27	10		
12 20 6	S-	1010.4	NNW	16	31	30	28	10		
13 10 6	S-	1003.0	NW	9	28	28	26	10		
14 10 20		998.2	ESE	14	25	24	21	9		
15 21 20		994.4	E	23	29	29	27	10		
16 UNL 3	SW-	1001.9	E	19	32	32	28	7		
17 100 15		1004.8	ENE	22	33	32	29	10		

## SYNOPTIC OBSERVATIONS

## RESOLUTE (A)

Date	Calling (1000 h.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

RESOLUTE A NMT  
OCTOBER 1970 0000 CST

01	11	1	S-BS	998.6	SSE	20	18	18	14	10
02	10	6	S-	1004.8	S	23	22	22	20	9
03	10	3/4S-BS	1004.6	SSE	17	21	21	19	10	
04	15	15	S-	1013.1	SSE	12	12	12	8	10
05	22	10	S-	1018.0	NW	12	12	12	9	9
06	6	21/2S-BS	1018.3	NW	16	0	0	-7	10	
07	14	6	BS	1019.5	SW	13	10	10	5	10
08	14	15	S-	1016.6	ESE	17	12	12	8	10
09	UNL	15	S-	1003.0	MNW	15	-1	-1	5	4
10	18	10	S-	1013.4	NMW	7	1	0	-8	10
11	12	10	S-	1017.5	E	15	7	7	3	10
12	UNL	15	S-	1006.4	NMW	11	-1	-1	6	0
13	14	10	S-	1009.6	N	15	-5	-5	-12	10
14	10	8	S-	1013.8	N	13	-7	-7	-16	10
15	15	3	S-	1014.1	SSW	11	3	2	-6	10
16	15	5	S-	1013.7	SE	10	3	4	3	10
17	15	8	S-	1008.3	ESE	15	4	3	-4	10
18	UNL	15	S-	1016.2	NMW	13	-4	-4	-12	6
19	UNL	15	S-	1025.6	NW	3	-1	-2	-10	7
20	40	8	S-	1015.9	NNE	32	6	5	-1	8
21	UNL	10	S-	1019.4	NW	25	-15	-15	-24	0
22	UNL	15	S-	1023.4	NMW	11	-12	-12	-20	0
23	150	10	S-	1023.4	E	9	3	1	-12	8
24	30	5	BS	1017.3	ESE	27	20	18	12	10
25	12	3	S-	1014.6	SE	27	25	25	23	10
26	2	7	ZL-	1017.8	SW	6	29	29	28	10
27	33	15	S-	1028.9	E	20	17	17	15	9
28	UNL	5	IC	1019.0	NW	20	7	7	3	3
29	12	3	ICBS	1014.0	ESE	24	17	17	13	10
30	2	5	ICF	1013.4	NMW	3	15	15	11	10
31	8	8	S-	1004.0	ESE	15	26	26	24	10
AVG				1014.4		16	8	8	2	8

RESOLUTE A NMT  
OCTOBER 1970 0300 CST

01	8	3	S-BS	998.7	S	22	19	18	13	10
02	10	8	S-	1005.0	SSE	19	23	23	21	10
03	10	1	S-BS	1004.5	SE	12	21	21	18	10
04	15	15	S-	1013.8	SE	13	12	12	9	10
05	UNL	8	S-	1018.9	NMW	5	9	9	7	8
06	8	1	F	1019.0	NMW	14	-4	-4	-9	10
07	11	3	S-	1019.7	SW	16	11	11	6	10
08	10	15	S-	1014.5	ESE	14	11	11	7	10
09	14	15	S-	1004.0	SW	12	1	0	-7	10
10	10	10	S-	1014.9	WSW	17	4	3	-4	6
11	UNL	15	S-	1016.6	ENE	17	-1	-2	-9	2
12	UNL	15	IC	1006.1	NMW	20	-6	-6	-15	0
13	10	10	S-	1010	NMW	17	-2	-3	-10	10
14	10	8	S-	1014.1	N	10	-5	-5	-13	10
15	35	3	S-	1014.0	SSW	11	5	4	-3	10
16	13	5	S-	1013.5	SW	9	3	2	-4	10
17	UNL	10	S-	1008.2	E	10	-1	-1	-8	5
18	UNL	15	S-	1016.5	NW	10	-7	-7	-15	8
19	30	15	S-	1025.3	NMW	7	-3	-4	-11	10
20	22	8	S-	1016.3	NMW	25	8	7	-1	10
21	UNL	10	S-	1020.5	NW	28	-16	-16	-27	0
22	UNL	15	IC	1023.5	ENE	9	-6	-7	-21	0
23	150	10	S-	1023.0	E	11	5	3	-10	6
24	UNL	6	BS	1017.3	ESE	30	17	16	10	4
25	9	10	S-	1014.4	ESE	23	26	25	23	10
26	3	4	ZR-F	1020.3	WSW	6	29	29	27	10
27	26	1	S-BS	1023.9	E	32	23	22	19	10
28	UNL	10	IC	1021.3	NW	12	5	5	0	4
29	18	1	S-BS	1011.4	ESE	25	18	18	14	10
30	1	3/4IF	S-	1014.8	NW	3	12	12	9	10
31	30	10	S-	1007.2	ESE	5	25	24	22	10
AVG				1014.6		15	8	7	1	8

RESOLUTE A NMT  
OCTOBER 1970 0600 CST

01	25	7	S-	998.9	SSW	17	17	17	13	10
02	15	8	S-	1006.5	SSE	27	21	21	18	10
03	10	10	S-	1006.4	WSW	13	15	15	12	10
04	15	15	S-	1014.0	SE	10	8	8	5	6
05	15	7	S-	1019.1	NNE	3	11	11	8	10
06	UNL	10	S-	1019.2	NMW	10	-3	-3	-6	4
07	12	6	S-	1020.0	SW	9	12	12	8	10
08	14	15	S-	1012.3	SE	15	11	11	7	10
09	15	15	S-	1004.1	WSW	10	-1	-1	-5	0
10	20	15	S-	1017.0	CALM	2	2	-3	9	9
11	UNL	15	S-	1014.7	NE	20	3	2	-5	5
12	UNL	4	IC	1006.0	NMW	22	-6	-6	-11	0
13	13	7	S-	1010.6	N	16	-2	-3	-10	10
14	5	3	S-	1014.4	SW	7	-1	-1	-9	10
15	14	5	S-	1014.1	W	10	4	3	-3	10
16	15	5	S-	1012.0	SE	5	5	5	-1	10
17	22	10	S-	1008.3	E	10	2	1	-7	10
18	UNL	15	S-	1020.3	N	8	-6	-6	-14	2
19	28	15	S-	1023.8	NE	17	10	10	5	10
20	UNL	10	S-	1016.7	NW	20	-5	-5	0	0
21	UNL	3	BS	1020.9	NW	31	-15	-15	-25	0
22	UNL	15	S-	1023.8	CALM	-3	-4	-4	-17	0
23	UNL	10	S-	1022.1	SSE	12	3	2	-11	7
24	20	5	BS	1017.2	SE	27	18	16	10	10
25	10	10	S-	1013.8	ESE	26	28	27	25	10
26	4	10	S-	1023.1	W	11	28	28	26	10
27	6	10	S-	1017.7	E	38	28	28	26	10
28	UNL	15	1/2S-BS	1022.3	N	5	3	3	2	6
29	16	1	S-BS	1008.2	E	30	21	20	17	10
30	0	1/4IF	S-	1014.0	SE	10	13	13	9	10
31	5	10	S-	1010.6	NW	19	24	24	22	10
AVG				1014.6		15	8	8	2	8

RESOLUTE A NMT  
OCTOBER 1970 0900 CST

01	10	11/2S-F	S-	999.0	SSW	24	19	19	16	10
02	10	5	S-	1007.7	S	23	22	21	19	10
03	10	3	S-	1008.8	W	13	12	11	7	10
04	18	40	S-	1014.3	SSE	11	13	12	8	8
05	15	7	S-	1019.1	NW	9	12	12	7	10
06	5	3	S-F	1019.2	N	4	5	5	-1	10
07	13	4	S-	1020.1	WSW	10	12	12	9	10
08	10	15	S-	1009.8	ESE	18	9	9	4	8
09	10	1	BS	1003.8	SW	19	-1	-2	-8	6
10	18	7	S-	1018.0	ESE	4	6	5	-2	10
11	12	10	S-	1012.6	NE	29	5	4	-2	10
12	UNL	3	IF	1017.0	ESE	24	-8	-8	-17	2
13	10	3	F	1010.8	N	5	-3	-4	-11	10
14	12	3	S-	1014.1	WSW	12	2	2	-5	10
15	28	6	S-	1014.2	SW	10	3	2	-6	10
16	12	2	S-	1011.2	SSE	9	6	6	0	10
17	UNL	10	S-	1008.4	E	4	-1	-2	-9	8
18	UNL	15	S-	1021.9	N	7	-7	-7	-14	2
19	15	15	S-	1022.3	NE	17	10	9	-3	10
20	UNL	4	IF	1016.8	NW	18	-6	-6	-15	0
21	UNL	11/2IFBS	S-	1021.6	NMW	30	-15	-15	-23	2
22	UNL	40	S-	1023.7	ENE	14	-1	-2	-18	4
23	90	40	S-	1021.2	SE	15	11	9	-4	10
24	10	4	E-	1017.0	ESE	20	17	17	13	10
25	25	6	BS	1012.3	ESE	24	29	28	26	10
26	10	10	S-	1025.6	W	12	23	22	20	10
27	3	1/4S-BS	S-	1012.8	SE	33	31	31	29	10
28	10	15	S-	1022.8	CALM	6	6	6	2	9
29	20	1	S-BS	1006.5	E	21	22	21	19	10
30	5	8	S-	1011.8	SE	17	19	19	16	10
31	15	15	S-	1014.8	NW	23	18	18	14	9
AVG				1014.5		16	9	8	2	8

Date	Calling (1000 h.)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	-------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

RESOLUTE A NMT  
OCTOBER 1970 1200 CST

01	170	10	S-	1000.8	SW	18	18	18	14	10
02	12	5	S-	1008.6	SSE	24	23	23	21	10
03	20	15	S-	1010.6	WSW	12	9	9	4	9
04	18	15	S-	1015.0	SSW	12	15	14	10	9
05	17	10	S-	1018.7	NMW	15	12	12	7	10
06	100	15	S-	1019.6	W	6	8	8	6	8
07	10	1	S-	1020.4	WSW	5	12	12	9	10
08	50	8	S-	1007.6	SE	19	14	13	9	10
09	12	2	S-BS	1003.8	SW	24	1	1	-5	9
10	20	5	S-	1018.7	SE	3	8	8	5	10
11	UNL	10	S-	1010.8	NE	30	2	2	-5	2
12	UNL	3	IF	1007.1	NMW	23	-8	-8	-17	0
13	UNL	3	F	1011.2	NMW	15	-2	-2	-9	10
14	65	3	S-	1014.0	SW	11	2	2	-5	10
15	20	6	S-	1014.5						

## SYNOPTIC OBSERVATIONS

## RESOLUTE (A)

Date	Calling (100° R.)	Visibility (inlet)	Present Weather	Sea Level Pressure (inlet)	Wind Direction	Wind Speed (knot)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (inlet)
------	-------------------	--------------------	-----------------	----------------------------	----------------	-------------------	---------------	---------------	----------------	-------------------

RESOLUTE A NMT  
NOVEMBER 1970 0000 CST

01	4	4	IC	1030.5	NNH	12	10	10	7	10
02	60	7		1015.1	ESE	30	22	20	14	10
03	6	3	BS	1014.3	NM	38	3	3	-2	6
04	UNL	8		1016.6	MNW	25	-4	-5	-13	4
05	UNL	1	BS	1017.5	N	30	-6	-6	-14	4
06	UNL	15		1015.0	NE	34	-7	-7	-13	0
07	UNL	15		1012.2	MNW	25	-3	-3	-9	0
08	UNL	15		1006.5	W	18	-11	-11	-18	3
09	UNL	15		1012.1	MNW	5	-18	-18	-28	0
10	UNL	15		1012.7	MNE	5	-18	-18	-28	0
11	UNL	15		1018.3	WSW	8	-10	-10	-17	0
12	UNL	15		1019.5	W	8	-12	-12	-18	0
13	UNL	5	S-	1013.1	SSE	19	-3	-3	-9	7
14	UNL	6	IC	1016.4	ESE	21	-4	-4	-13	1
15	6	6	S-	1016.7	E	12	-2	-3	-10	10
16	28	10		1020.1	NE	14	-8	-8	-16	7
17	UNL	10		1014.5	ENE	22	-17	-17	-25	7
18	UNL	5	BS	1006.5	NE	30	-11	-11	-20	8
19	100	3	BS	998.0	NM	25	2	1	-5	10
20	UNL	10		1000.7	E	26	-11	-13	-20	0
21	UNL	6	IC	1004.5	S	13	-19	-19	-27	0
22	UNL	8	S-	1022.5	S	10	-20	-20	-29	5
23	UNL	10	IC	1024.6	ESE	7	-22	-22	-29	0
24	UNL	4	IC	1023.1	NNE	4	-26	-26	-34	0
25	UNL	1/4IF		997.2	MNW	30	-25	-25	-35	9
26	UNL	10	IC	1007.6	MW	11	-23	-23	-32	0
27	UNL	10	IC	1027.8	E	2	-30	-30	-39	0
28	3	1/4BS		998.6	NE	45	-18	-18	-28	10
29	UNL	10	IC	995.1	NW	16	-27	-27	-38	0
30	UNL	15		1008.7	CALM	-32	-32	-45	0	

AVG 1012.9 17 -12 -12 -20 4

RESOLUTE A NMT  
NOVEMBER 1970 0300 CST

01	UNL	15		1030.9	S	7	3	3	-2	0
02	60	4	BS	1010.5	SE	20	24	23	19	10
03	UNL	10		1018.5	NW	16	-1	-2	-10	2
04	12	6	BS	1016.7	NE	25	-2	-3	-10	10
05	UNL	6	BS	1019.0	MNW	20	-10	-10	-20	0
06	UNL	15		1016.2	MW	13	-8	-8	-17	0
07	UNL	15		1011.3	NE	27	-6	-7	-19	0
08	UNL	15		1007.1	MNW	15	-17	-17	-26	0
09	UNL	15		1011.8	NE	16	-18	-18	-29	0
10	UNL	15		1013.6	NE	11	-17	-17	-27	0
11	UNL	10	IC	1019.5	NNE	7	-12	-12	-21	0
12	UNL	15		1018.7	MNW	8	-5	-6	-15	0
13	UNL	10		1012.6	ESE	18	-3	-4	-11	7
14	180	8		1016.9	ESE	15	-2	-2	-9	8
15	5	2	S-IF	1017.0	E	15	-5	-5	-13	10
16	UNL	10		1019.9	E	13	-8	-8	-18	4
17	100	10		1014.1	E	15	-15	-15	-24	10
18	UNL	4	BS	1005.4	NE	32	-10	-10	-19	10
19	100	6	BS	996.9	NE	23	3	2	-5	10
20	UNL	10		1001.4	W	3	-14	-14	-22	0
21	UNL	6	IC	1006.8	S	16	-18	-18	-27	3
22	UNL	10	IC	1023.3	SSE	12	-22	-22	-33	2
23	UNL	10	IC	1025.1	SE	8	-23	-23	-32	0
24	UNL	4	IC	1021.7	MNE	6	-23	-23	-32	0
25	0	1/8BS		993.3	NNW	34	-27	-27	-38	10
26	UNL	10	IC	1010.1	N	4	-23	-23	-34	0
27	UNL	10	IC	1027.6	NE	11	-29	-29	-39	0
28	UNL	1/2BS		997.9	NNE	35	-18	-18	-26	6
29	UNL	10	IC	996.0	MNW	10	-28	-28	-37	0
30	UNL	15		1010.2	N	4	-31	-31	-40	0

AVG 1013.0 15 -12 -12 -21 3

Date	Calling (100° R.)	Visibility (inlet)	Present Weather	Sea Level Pressure (inlet)	Wind Direction	Wind Speed (knot)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (inlet)
------	-------------------	--------------------	-----------------	----------------------------	----------------	-------------------	---------------	---------------	----------------	-------------------

RESOLUTE A NMT  
NOVEMBER 1970 0600 CST

01	UNL	15		1031.0	SE	10	6	6	3	0
02	10	3	S-	1005.4	S	15	24	23	21	10
03	UNL	4	BS	1018.8	MW	32	-2	-3	-10	2
04	15	6	BS	1016.2	NW	24	-2	-3	-11	10
05	UNL	5	BS	1017.6	N	21	-10	-10	-19	0
06	UNL	15		1016.0	N	4	-11	-11	-18	0
07	UNL	15		1010.3	NE	25	-6	-7	-17	0
08	UNL	5	IF	1008.2	N	12	-18	-18	-23	3
09	UNL	15		1011.5	MNW	9	-21	-21	-32	0
10	UNL	15		1014.5	NE	15	-16	-16	-27	0
11	UNL	6	ICIF	1019.6	NE	5	-15	-15	-20	0
12	UNL	15		1018.1	N	11	-10	-10	-18	3
13	UNL	7		1011.4	ESE	28	1	1	-5	10
14	100	8		1016.9	SE	4	-1	-2	-9	10
15	3	3/4S-		1017.6	ENE	18	-6	-6	-15	10
16	UNL	10		1019.5	ENE	20	-14	-14	-23	1
17	70	7	S-	1013.2	E	15	-13	-13	-21	10
18	UNL	4	BS	1004.4	NE	30	-10	-10	-20	6
19	100	4	BS	995.4	ENE	23	-6	-5	-2	10
20	UNL	10		1001.1	N	4	-17	-17	-26	0
21	110	6	IC	1009.1	S	16	-16	-16	-25	9
22	UNL	10	IC	1024.6	ESE	14	-23	-23	-32	0
23	UNL	10	IC	1025.4	SE	10	-22	-22	-31	0
24	UNL	4	ICIF	1020.5	NNE	3	-24	-24	-36	0
25	0	1/4BS		991.3	NW	37	-26	-26	-36	10
26	UNL	10	IC	1013.2	MW	10	-22	-22	-31	0
27	UNL	1/2BS		1024.7	NE	31	-27	-27	-35	5
28	UNL	1	BS	995.4	NE	40	-18	-18	-28	7
29	UNL	10	IC	997.5	MNW	19	-29	-29	-40	0
30	UNL	15		1011.3	MNW	4	-30	-30	-42	0

AVG 1012.7 17 -12 -13 -21 4

RESOLUTE A NMT  
NOVEMBER 1970 0900 CST

01	2	1/4IF		1031.1	SE	12	10	9	4	10
02	3	1/8SBS		999.8	SSW	22	25	24	22	10
03	UNL	15		1019.5	NW	18	-4	-5	-13	1
04	15	15		1016.3	NW	25	-3	-4	-12	8
05	UNL	10		1017.3	MNW	18	-9	-9	-18	0
06	UNL	15		1015.6	NE	10	-10	-10	-21	0
07	UNL	15		1009.2	MNW	13	-12	-12	-23	1
08	UNL	15		1009.0	N	17	-21	-21	-30	0
09	UNL	15		1011.4	E	5	-18	-18	-26	1
10	UNL	15		1015.3	NNE	10	-19	-19	-27	1
11	UNL	10		1020.0	ENE	7	-18	-18	-26	1
12	120	15		1017.2	NE	12	-7	-7	-16	9
13	UNL	7		1011.6	ESE	24	1	1	-4	4
14	100	10		1016.3	SE	9	0	-1	-8	10
15	7	4	IF	1018.4	ENE	16	-8	-8	-16	10
16	UNL	10		1019.0	S	5	-13	-13	-22	1
17	70	7	S-	1011.7	ENE	21	-12	-12	-21	10
18	UNL	5	BS	1003.5	NE	35	-8	-8	-18	5
19	100	1	BS	994.2	NE	17	7	6	0	10
20	100	10	IC	1000.8	MNW	7	-15	-15	-24	9
21	UNL	10	IC	1012.0	S	14	-18	-18	-28	7
22	UNL	10	IC	1024.6	SE	9	-23	-23	-32	2
23	UNL	10	IC	1025.4	SE	6	-21	-21	-29	2
24	UNL	11/2BS		1017.6	NE	25	-23	-23	-30	3
25	0	1/8BS		991.9	NW	26	-19	-19	-29	10
26	UNL	10	IC	1016.8	N	5	-26	-26	-36	0
27	UNL	3	BS	1012.4	NNE	36	-24	-24	-34	3
28	UNL	5	BS	994.0	NE	40	-18	-18	-28	2
29	UNL	10	IC	999.5	NW	15	-31	-31	-40	3
30	UNL	15	IC	1012.6	N	3	-31	-31	-41	2

AVG 1012.4 16 -12 -13 -21 5

Date	Calling (100° R.)	Visibility (inlet)	Present Weather	Sea Level Pressure (inlet)	Wind Direction	Wind Speed (knot)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (inlet)
------	-------------------	--------------------	-----------------	----------------------------	----------------	-------------------	---------------	---------------	----------------	-------------------

RESOLUTE A NMT  
NOVEMBER 1970 1200 CST

01	80	3	S-IF	1029.1	SE	7	9	8	3	7
02	8	2	BS	999.3	W	26	22	22	20	10
03	10	6	BS	1018.3	NW	30	-2	-2	-9	8
04	20	15		1017.4	NW	21	-3	-3	-8	10
05	UNL	15		1015.4	MNE	29	-8	-8	-18	0
06	UNL	15		1015.0	NE	20	-15	-16	-16	0
07	UNL	20		1008.2	MNW	20	-15	-15	-24	1
08	UNL	15		1010.0	NE	22	-21	-21	-30	1
09	UNL	10		1011.7	E	10	-17	-17	-26	1
10	UNL	15		1015.6	NE	6	-17	-17	-25	0
11	UNL	20		1020.4	NE	11	-18	-18	-28	1
12	180	20		1016.5	MNW	9	-8	-8	-16	10
13	UNL	8		1012.6	E	30	1	2	-9	6
14	10	15		1016.2	SE	9	0	0	-7	9
15	30	10		1019.4	ENE	15	-7	-7	-14	10
16	UNL	10		1017.9	WSW	9	-15	-15	-23	6
17	70	4	IF	1011.0	ENE	21	-10	-10	-19	9
18	UNL	5	BS	1002.4	NE					



## SYNOPTIC OBSERVATIONS

RESOLUTE (A)

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)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

RESOLUTE A NMT  
DECEMBER 1970 0000 CST

01 UNL 10				1018.0 N	3	-30	-30	-42	0	
02 UNL 10	IC			1016.3 NW	10	-37	-37	-46	0	
03 UNL 10				1016.6 NW	20	-33	-33	-45	0	
04 UNL 10	IC			1019.7 NNW	10	-34	-34	-44	0	
05 UNL 10	IC			1025.1 N	2	-27	-27	-33	0	
06 UNL 10				1030.1 NNW	11	-34	-34	-44	0	
07 30 3	S-BS			1017.6 NNW	28	-14	-14	-21	10	
08 UNL 10	IC			1006.0 NNW	5	-11	-11	-19	8	
09 UNL 10	IC			1005.0 NE	10	-15	-15	-23	10	
10 UNL 15				1020.7 ESE	10	-18	-18	-28	0	
11 160 10	IC			1029.0 ESE	10	-19	-19	-29	0	
12 UNL 7	IC			1032.1 SSW	9	-19	-19	-28	10	
13 80 3	BS			1025.6 S	33	-11	-11	-20	10	
14 80 2	BS			1011.7 SSW	26	-11	-11	-20	10	
15 UNL 10				1008.1 NNW	10	-27	-27	-35	2	
16 UNL 7	IC			1013.8 NNW	20	-24	-24	-34	1	
17 UNL 10	IC			1016.7 NNW	16	-25	-25	-35	6	
18 UNL 10	IC			1019.0 NE	25	-37	-37	-46	0	
19 UNL 10				1017.0 CALM	-31	-31	-31	-40	0	
20 UNL 15				1019.9 ENE	16	-27	-27	-38	0	
21 UNL 10				1014.6 ENE	22	-26	-26	-36	4	
22 UNL 15				1019.8 ESE	16	-28	-28	-36	0	
23 UNL 15				1009.7 NNW	10	-35	-35	-45	0	
24 50 6	BS			1009.8 NW	20	-29	-29	-38	10	
25 UNL 10				1004.7 NNW	14	-39	-39	-48	0	
26 UNL 8				1018.0 SE	9	-30	-30	-40	3	
27 UNL 6				1023.6 SE	15	-25	-25	-34	0	
28 UNL 2	BS			1028.0 ESE	36	-19	-19	-29	9	
29 15 6	BS			1011.2 ENE	20	-9	-9	-19	10	
30 UNL 10				1010.5 NW	15	-13	-13	-23	6	
31 UNL 10				1019.5 NNW	10	-25	-25	-35	0	
AVG				1017.3	15	-25	-25	-34	4	

RESOLUTE A NMT  
DECEMBER 1970 0300 CST

01 UNL 10				1018.6 N	4	-34	-34	-43	0	
02 UNL 10	IC			1015.7 NNW	13	-37	-37	-46	0	
03 UNL 10				1017.3 N	16	-33	-33	-43	0	
04 UNL 10	IC			1020.7 NW	9	-28	-28	-38	0	
05 UNL 10	IC			1025.5 NNW	7	-26	-26	-34	0	
06 UNL 10	IC			1030.0 NNW	12	-29	-29	-37	0	
07 30 3	S-BS			1014.6 NNW	32	-13	-13	-22	10	
08 UNL 7	IC			1006.0 NW	7	-9	-9	-18	8	
09 UNL 10	IC			1006.7 SE	4	-19	-19	-25	4	
10 UNL 15				1022.3 ESE	10	-18	-18	-28	0	
11 70 7	S-			1030.1 SSE	3	-20	-20	-29	9	
12 UNL 7	IC			1032.3 S	3	-23	-23	-31	5	
13 80 1	BS			1024.0 S	32	-8	-8	-17	10	
14 80 2	BS			1011.2 S	27	-13	-13	-22	10	
15 UNL 10				1009.3 NNW	14	-30	-30	-41	1	
16 UNL 4	IC			1014.6 NW	27	-23	-23	-32	3	
17 UNL 10	IC			1017.2 NE	16	-28	-28	-37	1	
18 UNL 10	IC			1019.1 NE	22	-39	-39	-49	0	
19 UNL 10				1017.3 NE	17	-31	-31	-42	0	
20 UNL 15				1020.2 E	8	-26	-26	-34	0	
21 UNL 10				1014.8 ENE	21	-24	-24	-33	6	
22 UNL 15				1019.7 E	9	-29	-29	-40	0	
23 UNL 5	IF			1008.5 NNW	18	-41	-41	-50	0	
24 50 9	IC			1010.5 NNW	16	-27	-27	-37	8	
25 UNL 10				1003.8 NNW	18	-36	-36	-46	0	
26 UNL 10				1020.1 ESE	16	-28	-28	-38	3	
27 UNL 10				1024.7 SE	12	-26	-26	-35	0	
28 UNL 2	BS			1027.3 SE	21	-16	-16	-25	5	
29 35 6	BS			1010.2 ENE	23	-8	-8	-16	9	
30 UNL 10				1012.2 NNW	20	-17	-17	-27	5	
31 UNL 10				1020.9 NNW	7	-27	-27	-37	0	
AVG				1017.6	15	-25	-25	-35	3	

RESOLUTE A NMT  
DECEMBER 1970 0600 CST

01 UNL 10				1018.5 N	8	-35	-35	-45	0	
02 UNL 10	IC			1015.1 NNW	17	-36	-36	-45	0	
03 UNL 10				1017.7 NNW	3	-32	-32	-40	0	
04 UNL 10	IC			1021.9 NNW	5	-29	-29	-37	0	
05 UNL 10				1026.3 NNW	9	-27	-27	-35	0	
06 UNL 10	IC			1029.6 NNW	15	-28	-28	-36	0	
07 UNL 10	IC			1012.4 NNW	17	-17	-17	-23	0	
08 UNL 7	S-			1006.3 SSE	4	-12	-12	-19	6	
09 UNL 10				1008.7 ESE	8	-20	-21	-32	0	
10 UNL 10	IC			1023.7 ESE	10	-19	-19	-29	0	
11 UNL 10	S-			1030.6 SSW	8	-21	-21	-30	7	
12 UNL 8	IC			1032.1 ESE	7	-23	-23	-32	5	
13 80 3/4BS				1021.7 S	39	-7	-7	-16	10	
14 80 2	BS			1009.1 S	27	-14	-14	-23	10	
15 UNL 10				1010.5 NNW	15	-31	-31	-41	0	
16 UNL 4	ICBS			1014.5 NNW	27	-26	-26	-34	6	
17 UNL 10	IC			1017.2 NW	8	-27	-27	-35	2	
18 UNL 10	IC			1019.0 N	13	-39	-39	-48	0	
19 UNL 10				1017.4 E	3	-34	-34	-44	0	
20 UNL 15				1020.3 E	20	-27	-27	-38	0	
21 UNL 10	IC			1015.6 E	9	-26	-26	-36	0	
22 UNL 15				1019.3 E	10	-30	-30	-39	0	
23 UNL 4	IFBS			1007.1 NNW	25	-37	-37	-46	3	
24 UNL 6	IC			1011.2 NNW	13	-31	-31	-40	2	
25 UNL 10				1003.7 NNW	13	-34	-34	-43	0	
26 UNL 10				1022.7 ESE	21	-26	-26	-34	4	
27 UNL 10				1025.4 SE	15	-26	-26	-35	0	
28 UNL 2	BS			1024.7 E	33	-12	-12	-20	8	
29 35 10				1009.7 NE	20	-5	-5	-12	10	
30 UNL 10				1013.3 NNW	15	-17	-17	-26	3	
31 UNL 10				1022.5 W	3	-28	-28	-39	0	
AVG				1017.7	14	-25	-25	-35	3	

RESOLUTE A NMT  
DECEMBER 1970 0900 CST

01 UNL 10				1018.6 N	5	-33	-33	-42	0	
02 UNL 10	IC			1015.2 NNW	17	-35	-35	-44	0	
03 UNL 10	IC			1017.7 NNW	10	-33	-33	-42	0	
04 UNL 10	IC			1022.5 N	5	-31	-31	-45	0	
05 UNL 10				1026.6 NNW	7	-29	-29	-38	0	
06 UNL 7	IC			1028.8 NW	14	-24	-24	-32	0	
07 UNL 7	IC			1009.7 NW	17	-18	-18	-26	0	
08 60 4	S-			1005.8 ESE	2	-11	-11	-20	10	
09 UNL 10				1011.0 E	4	-20	-20	-28	0	
10 UNL 10				1024.4 ESE	10	-18	-18	-28	1	
11 UNL 10	IC			1030.7 ESE	9	-21	-21	-31	3	
12 UNL 10	IC			1032.0 SSW	5	-22	-22	-31	4	
13 80 11/2BS				1019.4 S	34	-7	-7	-16	10	
14 80 2	S-BS			1006.8 SSW	18	-13	-13	-22	10	
15 UNL 10	IC			1011.0 NW	19	-27	-27	-35	0	
16 80 8	IC			1015.0 NW	18	-22	-22	-31	8	
17 UNL 10	IC			1017.7 N	14	-31	-31	-40	1	
18 UNL 10				1018.5 NNW	9	-36	-36	-47	8	
19 UNL 10				1017.5 ESE	9	-35	-35	-45	0	
20 UNL 10				1019.7 ENE	24	-27	-27	-36	0	
21 UNL 10				1016.0 CALM	-27	-27	-27	-33	0	
22 UNL 15				1018.6 E	5	-30	-30	-40	0	
23 150 3	IFBS			1006.0 N	30	-34	-34	-43	10	
24 UNL 8	IC			1010.1 NNW	5	-36	-36	-46	0	
25 UNL 8	IC			1004.5 NW	14	-33	-33	-42	8	
26 UNL 5	BS			1023.6 SE	26	-25	-25	-35	1	
27 UNL 7				1026.2 ESE	25	-23	-23	-32	1	
28 UNL 2	BS			1022.1 E	33	-8	-8	-15	7	
29 35 6	BS			1008.9 NNE	23	-5	-5	-13	10	
30 UNL 10				1014.1 NNW	19	-19	-19	-30	2	
31 UNL 10				1023.2 ESE	2	-30	-30	-39	0	
AVG				1017.5	14	-25	-25	-34	3	

RESOLUTE A NMT  
DECEMBER 1970 1200 CST

01 UNL 7				1018.1 NNW	8	-35	-35	-41	2	
02 UNL 8	IC			1014.9 NNW	17	-36	-36	-46	2	
03 UNL 10	IC			1017.7 NNW	14	-30	-30	-36	1	
04 UNL 10	IC			1023.2 N	5	-31	-31	-37	3	
05 UNL 10				1027.3 NNW	9	-31	-31	-40	1	
06 UNL 4	IC			1027.4 NNW	17	-20	-20	-29	0	
07 120 10	IC			1007.3 NNW	22	-16	-16	-25	10	
08 50 5	S-			1005.2 SE	8	-11	-11	-19	10	
09 UNL 10				1013.2 E	8	-18	-18	-26	0	
10 UNL 10				1025.6 ESE	7	-23	-23	-32	3	
11 UNL 10	IC			1031.2 ESE	4	-22	-22	-31	6	
12 UNL 10	IC			1031.3 S	13	-20	-20	-25	5	
13 80 11/2BS				1018.6 S	28	-9	-9	-16	10	
14 80 10	IC			1006.2 W	8	-15	-15	-24	9	
15 UNL 10	IC			1011.4 NNW	20	-29	-29	-40	5	
16 180 10	IC			1015.4 NNW	20	-23	-23	-32	9	
17 UNL 10	IC			1017.7 N	14	-37	-37	-47	1	
18 UNL 10										

## SYNOPTIC OBSERVATIONS

## SACHS HARBOUR

Date	Calling (1000 Ft.)	Visibility (miles)	Present Weather	Sea Level Pressure (Inch)	Wind Direction	Wind Speed (knots)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	--------------------	--------------------	-----------------	---------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

SACHS HARBOUR NMT  
JULY 1970 0200 MST

01 UNL 15				1015.7 SE	20	53	48	45	6	
02 UNL 15				1011.8 S	14	43	41	39	8	
03 1 1/8F				1017.3 NNW	24	32	32	32	10	
04 60 15				1012.2 SE	12	39	38	36	8	
05 0 0 F				1006.9 S	12	35	35	35	10	
06 1 1/8F				1000.0 N	18	34	34	34	10	
07 40 15				1002.6 NNE	16	39	37	34	8	
08 UNL 15				996.8 E	12	55	48	42	3	
09 2 1 F				1005.5 NM	12	35	35	34	10	
10 UNL 15				1017.3 NNW	6	34	33	32	6	
11 UNL 15				1016.8 SE	18	44	40	36	1	
12 40 15				1012.0 SSE	8	46	43	40	8	
13 UNL 15				1015.5 NE	8	48	46	45	1	
14 UNL 15				1017.4 E	6	50	46	41	10	
15 UNL 15				1018.3 SSW	2	51	46	41	7	
16 UNL 15				1020.0 N	3	48	45	43	10	
17 UNL 15				1019.2 NE	4	49	47	46	0	
18 60 15				1012.0 CALM	53	48	43	8		
19 UNL 15				1008.2 ENE	10	52	50	48	6	
20 UNL 15				1008.0 E	14	55	51	48	5	
21 UNL 15				1013.6 E	12	51	47	43	10	
22 60 15				1015.7 ENE	8	50	47	43	7	
23 90 15				1013.6 ESE	8	52	45	38	8	
24 UNL 15				1013.2 ENE	6	50	46	41	7	
25 UNL 15				1018.7 N	16	38	37	36	0	
26 8 15				1016.9 WNW	22	38	38	36	10	
27 4 8				1014.9 WNW	10	36	35	35	10	
28 2 1 F				1013.3 NNE	6	31	31	30	10	
29 UNL 15				1015.8 SSE	10	36	35	33	0	
30 UNL 15				1012.6 SE	24	41	37	33	1	
31 UNL 15				1006.8 SE	26	41	38	34	8	
AVG				1012.5	12	44	41	39	7	

SACHS HARBOUR NMT  
JULY 1970 0500 MST

01 UNL 15				1015.1 SE	18	53	49	46	3	
02 120 15				1011.6 SSW	8	42	40	38	9	
03 1 1/8F				1018.3 NNW	16	32	32	32	10	
04 UNL 15				1010.8 SE	10	40	38	35	6	
05 0 0 F				1005.8 SSE	16	35	35	35	10	
06 1 1 F				1001.1 N	20	33	33	32	10	
07 80 10 R-				1001.6 NNE	12	39	38	38	10	
08 UNL 15				997.1 ESE	8	53	48	42	3	
09 1 1 F				1007.6 NNE	20	34	34	34	10	
10 UNL 15				1017.8 ENE	4	35	33	31	6	
11 UNL 15				1016.2 SE	16	47	42	35	0	
12 UNL 15				1012.0 S	6	46	43	40	8	
13 UNL 15				1015.7 E	6	50	48	45	1	
14 UNL 15				1017.8 ESE	8	54	46	37	10	
15 UNL 15				1018.7 ENE	8	53	48	43	7	
16 UNL 15				1020.5 SE	8	52	47	42	9	
17 UNL 15				1019.4 ESE	8	52	45	38	0	
18 UNL 15				1009.8 ESE	20	54	49	44	5	
19 UNL 15				1007.9 NE	6	54	51	50	4	
20 UNL 15				1008.3 ESE	18	56	51	47	6	
21 UNL 15				1014.8 ESE	10	52	46	39	10	
22 120 15				1015.4 ESE	8	52	47	42	9	
23 90 15				1013.4 E	10	49	45	41	8	
24 UNL 15				1013.6 E	6	52	48	43	6	
25 5 15				1019.3 NNE	20	35	35	34	9	
26 6 10 R-				1016.0 NW	20	37	37	36	10	
27 8 10				1013.9 W	10	36	35	34	10	
28 UNL 10				1013.3 NE	8	28	28	27	0	
29 UNL 15				1016.2 SE	10	56	55	53	0	
30 UNL 15				1012.1 SE	26	40	36	31	3	
31 UNL 15				1007.2 SE	24	42	41	39	8	
AVG				1012.5	12	44	41	38	7	

SACHS HARBOUR NMT  
JULY 1970 0800 MST

01 UNL 15				1014.7 SE	10	53	48	45	6	
02 UNL 15				1011.2 S	4	42	40	39	7	
03 15 10				1019.2 WNW	16	36	35	35	9	
04 UNL 15				1009.1 N	6	44	40	35	8	
05 UNL 15				1003.9 SSE	14	38	37	36	3	
06 3 15				1002.1 N	18	35	34	33	8	
07 80 15				1000.4 NNE	18	42	41	39	10	
08 UNL 15				997.7 S	6	53	47	42	4	
09 2 8				1009.9 NW	18	35	35	34	10	
10 UNL 15				1018.1 CALM	10	40	37	32	1	
11 UNL 15				1015.2 SE	18	53	47	41	0	
12 60 15				1012.5 N	10	45	44	43	9	
13 UNL 15				1015.6 NE	6	58	52	48	1	
14 UNL 15				1018.0 SE	8	57	48	40	9	
15 UNL 15				1018.8 SE	4	51	47	47	8	
16 UNL 15				1020.5 SE	10	55	48	42	3	
17 UNL 15				1018.7 SE	12	56	48	42	0	
18 UNL 15				1009.7 S	2	55	49	43	4	
19 UNL 15				1007.4 ESE	10	62	55	50	2	
20 UNL 15				1008.7 SE	20	58	53	49	4	
21 UNL 15				1015.2 SE	12	55	48	42	10	
22 100 15				1015.3 SE	10	54	48	41	7	
23 100 15				1013.2 SE	10	55	48	41	8	
24 UNL 15				1013.9 N	8	52	47	43	7	
25 6 15				1019.8 NNE	18	39	37	35	8	
26 9 15				1016.0 WNW	20	35	34	34	10	
27 5 15				1012.6 NNE	8	36	36	35	10	
28 UNL 15				1013.8 NNE	8	32	31	30	4	
29 UNL 15				1016.2 SE	6	42	39	35	0	
30 UNL 15				1010.9 SE	30	44	40	33	7	
31 UNL 15				1007.5 SE	24	47	45	43	7	
AVG				1012.5	12	47	43	40	6	

SACHS HARBOUR NMT  
JULY 1970 1100 MST

01 UNL 15				1013.9 SSE	20	52	47	41	5	
02 UNL 15				1011.5 SE	4	48	45	41	7	
03 30 15				1019.3 WNW	14	39	38	36	10	
04 UNL 15				1008.7 N	12	45	40	33	10	
05 UNL 15				1001.8 SSE	18	41	40	38	4	
06 40 15				1003.4 NNE	14	35	34	33	10	
07 UNL 15				998.7 NE	20	50	46	42	6	
08 120 15				999.0 SSE	16	44	40	35	7	
09 8 15				1011.5 NW	14	36	35	33	10	
10 UNL 15				1017.9 S	8	43	38	32	1	
11 UNL 15				1014.6 SSE	20	51	47	43	0	
12 60 15				1013.2 N	12	49	48	47	9	
13 30 15				1015.9 SW	4	55	51	48	6	
14 UNL 15				1018.1 ESE	8	59	50	40	8	
15 UNL 15				1018.9 SSW	4	59	52	47	10	
16 UNL 15				1014.9 SE	8	55	46	39	2	
17 UNL 15				1017.9 S	14	50	45	39	0	
18 UNL 15				1009.2 S	12	56	50	46	3	
19 UNL 15				1007.1 S	4	63	56	51	1	
20 UNL 15				1009.3 SE	18	61	53	47	3	
21 UNL 15				1015.4 SSE	8	52	46	39	10	
22 UNL 15				1014.9 SE	8	54	47	40	4	
23 90 15				1013.0 SSE	4	57	49	42	6	
24 UNL 15				1014.7 NE	8	59	50	43	5	
25 8 15				1019.1 NW	18	40	40	39	10	
26 6 15				1016.4 NNE	20	35	34	33	10	
27 4 10				1011.9 NW	10	38	38	37	10	
28 UNL 15				1013.8 NE	10	37	34	31	5	
29 UNL 15				1016.2 SSE	8	44	41	36	1	
30 UNL 15				1011.6 SSE	26	42	38	34	7	
31 UNL 15				1008.5 SE	28	50	48	45	5	
AVG				1012.4	13	48	44	40	6	

SACHS HARBOUR NMT  
JULY 1970 1400 MST

01 UNL 15				1013.7 SSE	18	52	46	39	5	
02 90 15				1011.1 NW	10	45	44	43	9	
03 30 15				1018.8 SW	8	43	40	36	9	
04 UNL 15				1009.1 N	12	42	41	39	10	
05 UNL 15				1000.5 SSE	20	42	39	35	7	
06 40 15				1003.9 N	14	38	36	34	10	
07 UNL 15				997.2 NE	20	58	52	48	3	
08 40 15				1000.3 SSE	14	42	40	37	7	
09 10 15				1013.3 NW	10	37	35	31	8	
10 UNL 15				1018.3 S	10	44	40	34	1	
11 UNL 15				1014.2 SSE	10	48	45	43	2	
12 60 15				1013.6 N	16	51	48	45	8	
13 UNL 15				1016.4 SW	8	58	51	46	3	
14 UNL 15				1017.6 SW	8	63	52	42	7	
15 200 15				1018.9 WSW	6	59	52	46	10	
16 UNL 15				1020.2 WSW	10	56	47	39	3	
17 UNL 15				1017.1 SSE	14	55	50	44	1	
18 UNL 15				1009.1 SSE	10	55	50	45	2	
19 UNL 15				1007.4 SSW						

## SYNOPTIC OBSERVATIONS

## SACHS HARBOUR

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

SACHS HARBOUR NMT  
AUGUST 1970 0200 MST

01 100 15	1011.1 SE	20	45	41	37	8				
02 100 15	1005.8 ESE	12	50	45	39	9				
03 6 8	L- 1003.3 NNE	10	46	46	46	10				
04 80 15	1015.4 NW	6	39	37	35	7				
05 UNL 15	1013.1 SSE	6	37	37	36	7				
06 50 15	1006.3 SE	12	48	46	43	8				
07 80 15	R- 1005.1 SE	10	45	44	43	9				
08 1 1/8F	1005.5 E	2	45	45	45	10				
09 UNL 15	1009.9 NE	6	45	45	45	4				
10 20 15	1011.5 ESE	16	50	49	46	10				
11 UNL 15	1011.3 ENE	20	43	41	40	6				
12 UNL 15	1015.4 ENE	10	42	40	37	5				
13 40 15	1015.0 SE	8	42	49	46	10				
14 4 15	1014.4 NW	6	40	39	38	8				
15 UNL 15	1012.6 NE	12	36	35	33	1				
16 UNL 15	1010.8 ESE	16	36	32	28	3				
17 UNL 15	1012.3 ENE	16	35	34	32	6				
18 UNL 15	1017.5 NE	10	32	30	27	5				
19 UNL 15	1012.1 SE	12	37	36	34	3				
20 UNL 15	1002.1 SE	20	42	40	37	10				
21 70 10	L- 1001.6 SE	12	42	41	41	10				
22 100 15	1001.4 SE	12	46	44	42	7				
23 1 1/8F	1011.6 W	8	38	38	38	10				
24 3 3 F	1021.1 N	2	35	35	34	10				
25 15 15	1018.8 SE	8	38	38	36	10				
26 1 1/8F	1014.0 W	14	39	39	39	10				
27 4 8	1013.9 NW	18	32	32	31	9				
28 8 10	1016.3 SSW	6	36	36	35	9				
29 2 1/2F	1003.7 NW	20	40	40	40	10				
30 20 15	1009.5 NW	6	32	31	30	10				
31 15 15	1009.2 W	8	31	30	29	8				
AVG	1010.7	11	41	39	38	8				

SACHS HARBOUR NMT  
AUGUST 1970 0500 MST

01 60 15	1011.5 SSE	14	42	39	36	9				
02 80 15	1003.3 ESE	14	50	45	40	9				
03 30 10	R- 1004.7 NNE	12	45	45	45	10				
04 100 1/2F	1016.3 N	10	38	38	38	8				
05 UNL 15	1011.9 SE	12	38	38	37	6				
06 40 15	R- 1006.3 SE	10	48	46	45	9				
07 50 10	R- 1003.4 SE	16	49	47	46	9				
08 2 1/8L-F	1006.1 NW	6	43	43	43	10				
09 UNL 15	1010.5 ENE	10	45	43	41	2				
10 40 15	1011.6 E	10	49	47	46	9				
11 UNL 15	1012.1 SE	18	42	40	37	7				
12 UNL 15	1015.5 ENE	10	41	39	36	6				
13 40 15	1014.9 SE	6	52	47	43	10				
14 UNL 15	1014.1 NE	6	40	39	37	5				
15 UNL 15	F 1013.8 NW	18	33	33	33	3				
16 UNL 15	1010.4 ENE	18	34	33	31	8				
17 UNL 15	1013.0 ENE	10	33	32	30	4				
18 UNL 15	1017.5 NE	10	32	29	25	4				
19 UNL 15	1010.8 SE	16	37	36	34	7				
20 200 15	1002.0 SE	16	43	41	38	10				
21 70 10	L- 1001.2 SE	10	44	43	42	10				
22 100 15	1002.5 S	10	44	43	42	7				
23 3 2 F	1013.0 W	6	39	38	39	10				
24 UNL 5 F	1021.3 NE	6	33	33	32	4				
25 60 15	F 1018.4 ESE	8	40	39	38	9				
26 3 5	F 1013.9 W	14	37	37	36	10				
27 4 2	F 1013.8 NW	14	32	32	32	10				
28 10 15	1014.9 SSE	16	36	35	33	9				
29 5 15	1007.2 NW	24	33	32	30	10				
30 20 15	1008.7 CALM	8	32	30	27	10				
31 10 8	1010.3 WNW	8	30	29	28	6				
AVG	1010.8	12	40	38	37	8				

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

SACHS HARBOUR NMT  
AUGUST 1970 0800 MST

01 40 15	1011.1 SE	12	42	38	33	9				
02 80 10	R- 1001.6 SE	16	48	47	46	10				
03 40 15	R- 1006.2 NW	12	43	43	42	10				
04 2 8	1016.5 N	12	39	39	39	6				
05 UNL 15	1010.3 ESE	8	45	42	38	4				
06 40 15	1006.1 SE	10	49	47	45	9				
07 40 15	1003.4 SE	10	49	48	47	9				
08 2 1/8L-F	1006.6 SW	6	46	46	46	10				
09 UNL 15	1010.7 NE	8	49	47	45	3				
10 40 15	1011.6 E	12	50	48	45	7				
11 UNL 15	1012.8 ENE	14	47	42	37	8				
*12 UNL 15	1015.7 ENE	12	47	44	40	9				
13 40 15	1014.9 S	3	49	46	43	10				
14 UNL 15	1014.1 NE	8	43	41	39	5				
15 UNL 15	1012.7 NE	20	34	33	31	2				
16 UNL 15	1010.6 ENE	16	37	35	33	6				
17 UNL 15	1013.7 ENE	12	39	37	34	4				
18 UNL 15	1017.3 ENE	8	35	32	27	4				
19 UNL 15	1009.6 SE	20	41	39	36	10				
20 200 15	1001.5 SE	22	43	42	40	10				
21 1 1/8L-F	1000.6 SE	14	43	43	43	10				
22 UNL 15	1002.8 S	8	43	42	41	8				
23 6 10	1014.3 W	8	39	39	38	10				
24 UNL 10	1021.4 NNE	6	34	33	33	5				
25 50 15	1017.9 SE	10	40	39	37	9				
26 5 15	1013.6 W	12	37	37	36	10				
27 6 1	L-F 1014.3 NW	22	34	34	33	10				
28 90 15	1012.8 SSE	24	37	36	34	9				
29 6 15	1009.2 NW	16	33	32	30	10				
30 30 15	1008.0 CALM	3	33	32	27	10				
31 10 3	SW- 1011.0 W	8	30	30	28	8				
AVG	1010.7	12	41	40	38	8				

SACHS HARBOUR NMT  
AUGUST 1970 1100 MST

01 50 15	1011.2 SE	10	41	39	36	9				
02 40 10	R- 999.8 ENE	16	48	48	47	10				
03 120 15	1008.2 NW	12	42	41	39	10				
04 UNL 15	1016.8 NNE	14	45	43	42	1				
05 UNL 15	1009.4 SSE	12	48	45	42	8				
06 50 15	1006.5 SE	14	50	47	44	3				
07 10 10	1004.3 S	10	43	43	42	10				
08 3 8	1007.3 SE	4	47	47	46	10				
09 UNL 15	1011.0 ENE	10	46	49	46	1				
10 30 15	1011.8 E	16	53	48	44	9				
11 UNL 15	1013.3 ENE	14	55	48	42	6				
12 UNL 15	1012.2 SSE	4	52	47	42	3				
13 30 15	1015.1 SSW	8	47	45	43	10				
14 UNL 15	1014.0 NE	10	49	44	38	1				
15 UNL 15	1013.1 E	12	41	37	32	1				
16 UNL 15	1010.5 ENE	18	44	39	32	7				
17 UNL 15	1014.7 ENE	12	44	40	34	0				
18 12 15	1017.4 SSE	8	39	35	29	8				
19 UNL 15	1008.1 SE	22	46	42	38	9				
20 120 15	1001.5 SE	20	47	43	40	10				
21 1 1/8L-F	1000.8 SSE	12	43	43	43	10				
22 UNL 15	1003.9 SSE	20	47	46	44	8				
23 4 10	1015.9 W	8	39	39	38	10				
24 5 15	1021.0 NE	4	39	38	35	9				
25 70 15	1017.0 SE	8	45	42	38	8				
26 10 15	1012.6 W	12	38	38	37	10				
27 6 1	L-F 1015.1 SE	24	37	37	36	10				
28 60 15	1010.6 SE	28	40	39	39	9				
29 15 15	1009.5 NW	12	35	34	31	9				
30 30 15	1007.2 NW	8	33	31	27	10				
31 10 15	1011.7 W	12	34	32	30	8				
AVG	1010.8	13	44	42	39	7				

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

SACHS HARBOUR NMT  
AUGUST 1970 1400 HST

01 50 15	1011.2 SSE	10	43	40	36	9				
02 10 10	R- 999.5 ENE	10	47	47	46	10				
03 6 15	1010.0 NW	10	41	40	38	10				
04 UNL 15	1016.4 N	10	47	44	41	1				
05 UNL 15	1008.2 SSE	10	47	44	41	4				
06 UNL 15	1006.5 SE	14	50	46	42	4				
07 5 5	F 1004.7 S	8	43	43	43	10				
08 UNL 10	1008.5 SSW	8	47	47	46	5				
09 12 15	1011.1 S	4	55	51	47	9				
10 UNL 15	1011.2 ENE	18	60	51	44	3				
11 UNL 15	1013.7 ENE	18	58	48	38	6				
12 UNL 15	1016.5 SH	6	56	49	42	2				
13 UNL 15	1015.0 SSW	7	47	47	46	6				

## SYNOPTIC OBSERVATIONS

## SACHS HARBOUR

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)
------	--------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

SACHS HARBOUR NMT  
SEPTEMBER 1970 0200 MST

01 15 6			S-	1017.2	NNW	6	33	33	32	10
02 UNL 15				1022.4	NE	12	26	24	20	1
03 UNL 15				1023.6	ENE	14	28	27	25	6
04 UNL 15				1017.2	SE	20	33	30	27	8
05 120 15				994.2	SE	26	38	35	32	8
06 20 15				992.3	SE	14	38	37	36	10
07 6 10				1003.6	NNW	30	32	31	30	10
08 8 8			S-	1016.1	NNW	24	29	28	27	10
09 10 10				1026.0	NH	10	28	27	26	10
10 10 6			S-	1023.9	N	2	30	29	28	8
11 2 1			L-F	1023.0	W	16	35	35	30	10
12 2 5			F	1025.0	NH	10	32	32	32	10
13 1 1/4F				1008.6	ESE	14	35	35	35	10
14 UNL 15				994.6	SM	16	28	27	25	4
15 30 2			S-	998.2	N	26	21	21	19	10
16 UNL 15				1008.8	NH	8	25	24	22	6
17 10 15				1006.9	SSE	18	33	32	31	10
18 15 8			R-	999.5	SE	20	34	33	32	10
19 20 10				999.8	SSE	18	35	34	34	10
20 20 15				1010.6	NH	10	29	28	26	10
21 20 15				1014.2	ESE	12	29	28	26	10
22 15 10			S-	1006.5	E	16	32	31	30	10
23 11 10				1014.1	W	18	28	28	26	8
24 25 15				1024.1	W	6	27	26	24	10
25 25 15				1029.9	W	6	22	22	19	7
26 UNL 15				1018.2	N	6	18	17	15	4
27 20 15				1014.1	ESE	10	21	21	17	10
28 12 15				1007.4	W	12	18	15	10	10
29 20 1			S-	1001.5	NH	16	19	19	17	10
30 20 2			BS	1002.5	W	22	19	19	16	10
AVG				1011.1		15	29	28	26	9

SACHS HARBOUR NMT  
SEPTEMBER 1970 0500 MST

01 15 15				1017.8	NE	6	32	32	31	10
02 15 15				1023.2	ENE	14	27	26	22	9
03 UNL 15				1023.9	E	14	27	26	25	4
04 UNL 15				1014.8	SE	20	33	31	29	7
05 30 15				991.7	SE	32	39	36	33	8
06 6 2			L-F	993.5	S	12	39	39	39	10
07 8 10				1004.9	NNW	26	31	30	29	10
08 15 10				1017.5	NNW	26	28	28	26	10
09 12 10				1029.5	SW	4	29	28	27	10
10 10 10				1024.0	WSW	2	29	27	9	10
11 2 1			R-F	1023.0	NH	14	35	35	35	10
12 1 1/4F				1025.2	NNW	6	31	31	31	10
13 1 1/8F				1003.8	SSW	12	37	37	37	10
14 10 10			S-	991.1	SSW	20	30	29	27	9
15 30 1			1/2HS	999.6	N	26	22	21	18	10
16 20 15				1009.1	NH	8	26	25	23	9
17 10 15				1006.2	SE	24	31	30	29	10
18 15 10				998.0	SE	20	35	34	32	10
19 1 1/8R-F				1000.7	WSW	20	36	36	36	10
20 20 15				1011.1	N	6	28	28	25	10
21 70 15				1014.3	SE	12	29	28	26	10
22 15 4			S-	1004.9	E	16	32	31	30	10
23 15 10				1016.8	W	16	29	28	27	10
24 30 15				1023.8	SW	8	27	26	24	10
25 UNL 15				1020.2	N	4	24	23	21	4
26 UNL 15				1018.1	NE	8	17	16	14	1
27 20 15				1012.6	ESE	6	23	22	19	10
28 15 6			S-	1007.1	CALM	17	17	14	10	10
29 25 1			S-	1003.3	NH	20	16	13	10	10
30 20 2			S-	1002.9	W	20	17	17	14	10
AVG				1011.0		14	29	28	26	9

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)
------	--------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

SACHS HARBOUR NMT  
SEPTEMBER 1970 0800 MST

01 20 15				1018.9	NE	6	32	31	29	9
02 10 15			SW-	1022.9	NE	16	27	26	24	9
03 10 15				1023.7	E	16	27	26	24	9
04 UNL 15				1011.5	SE	35	34	33	30	10
05 40 10				991.5	SE	32	40	39	37	9
06 1 1/4L-F				994.5	S	10	39	39	39	10
07 8 10				1006.5	NNW	26	30	29	28	10
08 15 10				1019.1	NNW	22	28	28	26	8
09 10 10				1025.0	W	10	29	28	27	9
10 100 15				1024.0	W	12	29	28	26	10
11 80 3			F	1023.5	W	14	35	35	35	10
12 1 1/8F				1023.5	S	6	32	32	32	10
13 1 1/8F				999.7	SSW	12	37	37	37	10
14 10 15				999.5	SM	20	27	25	22	9
15 80 3/4BS				1002.0	N	28	23	22	20	10
16 20 10				1009.2	WSW	6	27	27	24	10
17 10 15				1005.1	SSE	20	32	31	30	9
18 10 10			R-	997.6	SE	18	35	34	33	10
19 4 8			S-	1002.4	NH	10	32	32	30	10
20 20 15				1011.7	NH	2	28	27	25	10
21 25 15				1014.0	SE	16	28	27	25	9
22 10 2			F	1003.8	ESE	10	32	32	31	10
23 15 15				1019.0	W	14	26	26	23	10
24 30 15				1022.9	S	8	27	27	25	10
25 25 1			S-	1019.3	W	2	23	22	19	10
26 30 15				1018.0	NE	4	17	16	13	8
27 18 15				1011.1	SSW	12	26	25	22	10
28 15 2			S-	1005.9	NNW	6	18	17	15	10
29 25 15				1004.2	NH	12	16	15	11	10
30 20 2			S-	1002.7	W	24	18	18	15	10
AVG				1010.8		14	29	28	26	10

SACHS HARBOUR NMT  
SEPTEMBER 1970 1100 MST

01 40 15				1019.8	NE	10	33	32	30	10
02 10 15				1022.6	E	16	31	30	27	8
03 10 15				1023.6	E	18	29	27	25	9
04 10 15				1007.7	SE	32	36	34	32	9
05 40 15				990.9	SE	34	41	39	37	10
06 2 1/4R-F				997.7	SW	4	40	40	40	10
07 8 10				1007.6	NNW	32	30	29	27	10
08 15 10				1020.2	NNW	24	28	27	25	10
09 8 2			S-	1025.1	NH	10	29	29	27	10
10 20 15				1023.4	SW	18	36	33	31	10
11 80 10				1023.7	W	14	37	37	36	10
12 2 1/2F				1022.3	S	12	33	33	33	10
13 2 2			R-F	997.3	WSW	14	35	35	35	10
14 10 2			S-	989.4	W	18	25	25	23	9
15 80 15				1004.3	NNE	24	25	24	22	9
16 15 15				1008.4	S	4	30	29	27	9
17 15 15				1002.7	SSE	30	34	33	32	9
18 80 10			R-	997.3	SSE	20	35	35	34	10
19 5 4			S-	1004.2	NH	14	30	30	29	10
20 20 15				1012.0	MNH	2	28	28	26	10
21 40 15				1012.9	E	18	27	26	24	8
22 2 1/4R-F				1003.6	SSE	8	35	35	35	10
23 15 15				1020.9	NNW	14	27	27	25	10
24 30 15				1022.2	WSW	6	28	28	25	9
25 20 2			SW-	1018.3	W	8	25	24	23	9
26 30 15				1014.6	NE	4	19	18	14	7
27 15 10			S-	1010.0	W	12	25	24	22	10
28 15 2			S-	1004.5	W	8	18	18	15	10
29 20 2			S-	1004.3	W	12	18	17	14	10
30 20 2			S-	1002.6	W	20	20	20	17	10
AVG				1010.5		15	30	29	27	9

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)
------	--------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

SACHS HARBOUR NMT  
SEPTEMBER 1970 1400 MST

01 40 15				1020.2	NE	8	35	33	31	10
02 UNL 15				1022.5	ENE	20	35	32	29	7
03 15 15				1023.0	E	18	32	30	28	8
04 20 15				1004.4	SE	38	37	35	32	8
05 30 10			R-	990.7	SE	30	42	40	39	10
06 4 4			L-F	996.9	NH	10	40	40	39	10
07 8 15				1009.2	NNW	32	30	29	28	10
08 10 10				1022.2	NNW	24	28	27	26	10
09 15 10				1025.2	W	14	30	29	28	10
10 10 5			R-	1022.1	SW	28	35	35	33	10
11 80 15				1024.1	W	14	39	38	37	10
12 3 1/2F				1020.6	S	14	34	34	34	10
13 4 3			R-F	996.8	NNW	24	35	35	35	10
14 35 15				991.6	W	16	23	23	20	7
15 40 15				1006.5	NNW	30	28	27	26	8
16 15 10										

## 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)
------	-------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

SACHS HARBOUR NMT  
OCTOBER 1970 0200 MST

01 18 2	S-BS	1001.6	MNM	20	19	18	16	10		
02 30 4	S-	1005.5	NW	14	11	11	8	10		
03 25 15	S-	1009.8	NNE	12	13	12	7	10		
04 28 4	S-	1012.7	NW	10	14	14	10	10		
05 20 8	S-	1021.1	W	4	18	18	15	10		
06 20 2	S-	1017.9	NW	12	14	13	10	10		
07 22 2	S-	1012.6	S	12	20	19	17	10		
08 16 15		1008.8	N	8	0	0	-6	10		
09 UNL 15		1009.7	MNW	8	0	0	-6	10		
10 17 15		1009.6	E	12	6	6	-1	6		
11 11 4	S-	1007.8	E	14	23	23	20	10		
12 11 2	S-	1002.2	S	18	21	21	18	10		
13 13 15		1015.0	NNE	16	2	1	-4	10		
14 15 4	S-	1019.4	NNE	4	8	8	4	10		
15 12 15		1014.5	NW	4	7	7	3	10		
16 25 15		1012.1	E	8	-1	-1	-6	9		
17 UNL 15		1016.7	W	10	-5	-5	-10	5		
18 12 15		1022.4	NW	6	4	4	0	8		
19 UNL 15		1019.4	E	24	4	4	-1	0		
20 UNL 15		1016.0	SE	16	7	6	1	0		
21 80 15		1016.9	SSE	22	11	11	7	7		
22 9 4	BS	997.2	SE	34	18	18	15	10		
23 10 2	S-	1006.2	ENE	10	16	16	12	10		
24 UNL 15		1004.8	NE	8	9	9	4	0		
25 14 4	S-	1008.2	NW	22	12	12	9	10		
26 80 15		1025.7	NNE	12	2	2	-1	10		
27 UNL 10		1017.3	W	8	11	11	8	2		
28 UNL 15		1016.4	SE	8	12	12	7	3		
29 UNL 10		1006.9	SE	22	5	5	0	0		
30 30 15		991.7	SE	10	25	25	24	10		
31 UNL 15		1014.4	SE	16	24	24	21	0		
AVG		1011.6		13	11	10	7	7		

SACHS HARBOUR NMT  
OCTOBER 1970 0500 MST

01 20 2	S-BS	1001.6	MNW	20	16	16	13	10		
02 25 10	S-	1008.4	NE	16	7	7	4	10		
03 30 10	S-	1009.6	NW	12	12	12	8	10		
04 16 2	S-	1013.3	NW	10	16	16	13	10		
05 20 4	S-	1021.4	NW	6	16	16	12	10		
06 20 2	S-	1018.3	NW	10	12	12	9	10		
07 23 4	S-	1011.3	S	12	20	20	17	10		
08 16 10	S-	1008.3	NW	12	-1	-1	-6	10		
09 UNL 15		1010.4	NW	8	-2	-2	-7	3		
10 22 6	S-	1008.4	E	14	11	11	8	10		
11 12 5	S-	1007.7	E	14	23	23	20	10		
12 14 2	S-	1002.9	S	18	18	18	16	10		
13 15 8	S-	1017.0	NNE	16	5	5	2	10		
14 11 4	S-	1019.3	NW	6	7	7	4	10		
15 11 8	S-	1013.9	NW	8	3	3	0	10		
16 25 10	S-	1011.9	NE	4	0	0	-4	10		
17 UNL 15		1017.9	W	12	-4	-4	-10	2		
18 UNL 15		1022.2	ESE	6	2	2	-3	3		
19 UNL 15		1018.5	E	26	5	5	-1	0		
20 UNL 15		1016.2	SE	14	7	7	2	0		
21 80 15		1016.5	ESE	18	7	7	2	8		
22 14 1/2BS		1001.4	S	34	13	13	9	10		
23 10 15		1005.9	ENE	8	12	12	8	10		
24 70 15		1016.4	NE	10	15	15	12	9		
25 10 4	S-	1010.9	NW	20	10	10	7	10		
26 80 15		1025.9	NE	12	4	4	1	10		
27 UNL 4	F	1018.0	W	12	8	8	5	3		
28 UNL 15		1014.2	SE	12	14	14	9	2		
29 UNL 10		1005.7	SE	22	9	9	6	0		
30 15 15		994.3	CALM	24	23	23	21	10		
31 UNL 15		1014.8	SE	14	30	29	27	0		
AVG		1011.9		13	10	10	7	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 (tenths)
------	-------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

SACHS HARBOUR NMT  
OCTOBER 1970 0800 MST

01 15 3	S-	1001.6	MNW	18	18	17	15	10		
02 25 10	S-	1010.1	NE	6	9	9	4	10		
03 20 3/4S-		1009.4	MNW	4	13	13	9	10		
04 15 3	S-	1014.3	NW	10	18	17	14	10		
05 20 6	S-	1020.8	W	8	16	16	13	10		
06 20 4	S-	1018.5	NW	8	12	12	8	10		
07 20 6	S-	1010.4	S	12	21	21	17	10		
08 15 10		1008.4	N	8	-6	-6	-13	7		
09 UNL 15		1009.7	MNW	8	1	1	-3	6		
10 20 3/4S-		1007.4	E	18	15	15	13	10		
11 12 4	S-	1007.0	E	12	25	24	22	10		
12 15 2	S-	1003.7	S	18	16	15	13	10		
13 UNL 15		1018.4	NNE	14	1	1	-4	5		
14 10 5	S-	1018.4	NW	8	6	6	2	10		
15 10 10		1013.7	N	8	2	2	-3	10		
16 25 10	S-	1012.5	NW	4	1	0	-3	10		
17 UNL 15		1018.6	W	12	-3	-3	-10	3		
18 UNL 15		1022.0	ESE	10	1	1	-4	2		
19 UNL 15		1018.2	E	18	6	5	1	5		
20 30 15		1016.5	SE	16	6	6	0	7		
21 80 15		1014.6	ESE	18	8	7	4	8		
22 10 10		1005.4	S	22	12	12	8	10		
23 15 15		1006.1	NE	10	13	13	9	6		
24 15 4	S-	1002.4	NE	14	18	18	16	10		
25 10 10		1012.6	NW	16	8	8	4	9		
26 UNL 15		1025.4	ENE	12	6	6	0	3		
27 25 10		1019.5	WSW	10	13	13	10	10		
28 15 10		1011.9	ESE	12	17	17	13	10		
29 UNL 10		1004.0	SE	16	14	14	11	8		
30 UNL 10		999.4	MNW	18	18	16	3	6		
31 UNL 15		1014.5	SE	14	29	27	23	4		
AVG		1012.2		12	11	11	7	8		

SACHS HARBOUR NMT  
OCTOBER 1970 1100 MST

01 25 11/2S-BS		1002.1	MNW	20	17	17	13	10		
02 25 5	S-	1011.1	NW	16	11	11	8	10		
03 20 3/4S-		1009.6	MNW	6	14	13	11	10		
04 45 15		1016.7	NW	8	16	15	11	9		
05 20 7	S-	1020.8	MNW	10	16	16	12	10		
06 20 5	S-	1018.5	MNW	2	11	11	7	10		
07 20 10		1009.6	SSW	14	21	20	16	10		
08 15 15		1008.9	MNW	4	-1	-1	-5	9		
09 UNL 15		1012.0	MNE	4	0	0	-4	6		
10 15 4	S-	1006.9	ESE	24	20	20	17	10		
11 10 4	S-	1006.8	ESE	12	25	25	23	10		
12 10 1/2S-		1005.2	SSE	14	15	14	11	10		
13 15 8		1019.6	MNW	4	3	3	-1	9		
14 10 4	S-	1018.7	N	4	6	6	3	10		
15 10 10		1013.2	N	6	2	2	-2	10		
16 UNL 8		1013.1	NW	6	-1	-1	-5	10		
17 UNL 10		1019.5	W	9	2	1	-3	4		
18 UNL 15		1022.2	E	12	-1	-1	-5	0		
19 UNL 15		1018.1	ESE	14	4	3	-1	7		
20 UNL 15		1017.3	ESE	16	9	9	3	8		
21 90 15		1012.8	ESE	28	7	7	3	10		
22 10 8	S-	1008.7	S	18	12	12	8	10		
23 UNL 2	F	1006.6	NE	10	9	9	7	7		
24 15 4	S-	1001.3	ENE	16	18	18	15	10		
25 UNL 5	F	1016.2	NW	20	6	6	3	3		
26 100 15		1024.5	ENE	16	8	8	3	9		
27 25 15		1020.1	W	8	11	11	8	9		
28 9 10		1010.6	S	20	19	19	17	9		
29 UNL 15		1002.3	SE	12	18	18	15	7		
30 UNL 15		1003.9	S	6	16	16	12	3		
31 UNL 15+		1014.4	SE	12	32	30	28	5		
AVG		1012.6		12	11	11	7	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)
------	-------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

SACHS HARBOUR NMT  
OCTOBER 1970 1400 MST

01 20 3/4S-		1002.5	MNW	18	19	19	16	10		
02 20 5	S-	1011.2	NW	16	12	12	9	10		
03 20 8	S-	1009.9	MNW	10	14	14	11	10		
04 20 15		1018.2	MNW	10	20	19	15	10		
05 20 6	S-	1020.6	MNW	8	15	15	11	10		
06 20 2	S-	1018.3	ENE	4	14	13	10	10		
07 20 15		1007.7	SSW	20	23	23	19	8		
08 15 10		1008.9	N	4	-2	-2	-6	10		
09 UNL 15		1012.6	NE	4	1	1	-3	6		
10 20 3/4BS		1007.2	E	22	17	17	14	10		
11 10 1	S-	1006.2	ESE	16	26	25	24	10		
12 10 11/2S-		1006.8	ESE	4	13	12	9	10		
13 15 10		1020.2	N	4	4	4	0	9		
14 10 5	S-	1018.2	NE	4	7	6	4	10		

## SYNOPTIC OBSERVATIONS

## SACHS HARBOUR

Date	Calling (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

SACHS HARBOUR NMT  
NOVEMBER 1970 0200 HST

01 UNL 15	1007.9 SE	22	27	26	22	4
02 12 3 BS	1017.0 WSW	26	20	20	17	10
03 200 15	1028.2 ESE	10	13	12	9	10
04 30 10	1028.1 E	12	20	20	18	10
05 12 10	1031.0 SE	10	8	8	4	10
06 90 15	1018.7 ESE	6	14	14	10	10
07 10 4 S-	1017.4 CALM	16	16	13	10	10
08 6 3/4F	1020.8 NW	12	13	13	11	10
09 4 5 S-	1022.5 ENE	6	6	6	2	10
10 UNL 15	1017.5 SE	10	1	1	3	8
11 UNL 15	1011.0 SE	24	7	6	3	0
12 14 10	1002.1 SSE	32	16	16	13	10
13 8 2 F	1009.6 W	10	5	5	3	10
14 6 2 S-F	1013.5 SW	6	1	2	-1	10
15 20 10	1015.8 NNE	4	-1	-1	-5	9
16 UNL 3 IF	1027.4 NE	8	-19	-18	-23	2
17 UNL 15	1028.6 CALM	-3	-3	-7	0	3
18 UNL 15	1007.8 SE	18	-9	-9	-13	0
19 7 10	1008.3 SSE	4	-6	-6	-10	9
20 UNL 1/2F	1011.1 NNN	14	-14	-14	-17	3
21 UNL 4 F	1010.5 NNN	4	-16	-16	-19	4
22 UNL 15 IC	1025.9 W	8	-20	-20	-25	0
23 UNL 15	1025.0 SE	4	-18	-18	-22	0
24 UNL 10 IC	1023.4 NE	4	-16	-16	-20	3
25 UNL 15	1014.0 NE	6	-23	-23	-27	0
26 UNL 15	1022.2 NN	4	-22	-22	-27	4
27 UNL 10 IC	1031.2 CALM	-25	-25	-31	2	5
28 UNL 1/4BS	995.4 SE	24	-18	-18	-22	2
29 UNL 15	1003.9 ESE	6	-20	-20	-25	0
30 UNL 2 ICIF	1021.1 NNN	14	-30	-30	-34	5

AVG 1017.2 10 - 3 - 3 - 7 6

SACHS HARBOUR NMT  
NOVEMBER 1970 0500 HST

01 UNL 15	1008.0 SE	22	27	26	24	0
02 10 2 BS	1021.1 W	22	18	18	16	10
03 150 15	1026.6 ENE	20	8	8	4	10
04 30 10	1029.1 NE	10	19	18	15	10
05 UNL 15	1030.1 SE	10	4	4	1	0
06 90 15	1018.0 SE	6	15	15	11	10
07 20 4 S-	1017.3 N	4	15	15	11	10
08 UNL 10	1022.6 E	8	2	3	0	10
09 4 11/2F	1016.4 SE	2	-1	-1	-5	8
10 UNL 15	1010.1 SE	24	7	7	3	0
12 12 10	1000.8 SSE	24	17	17	14	10
13 9 2 S-	1010.9 W	10	7	7	5	10
14 11 4 S-	1013.1 SW	8	1	1	-3	10
15 13 5 S-	1016.9 N	8	-1	-1	-5	10
16 UNL 10 IC	1028.4 NE	6	-18	-18	-23	0
17 UNL 15	1026.6 SE	2	-5	-5	-7	0
18 UNL 15	1005.7 SE	18	-9	-9	-12	0
19 UNL 8 IC	1008.0 SSW	10	-2	-2	-6	10
20 UNL 1/2F	1011.4 NNN	12	-15	-15	-18	2
21 UNL 6 F	1011.7 SE	2	-17	-16	-21	5
22 UNL 15 IC	1027.2 W	10	-19	-19	-24	0
23 UNL 15	1025.2 SE	4	-16	-16	-21	0
24 UNL 10 IC	1023.2 NE	4	-25	-25	-29	4
25 UNL 10 IC	1012.4 NE	4	-20	-20	-24	0
26 UNL 10 IC	1023.9 W	4	-21	-21	-26	4
27 UNL 15	1030.4 SE	4	-28	-28	-34	0
28 UNL 1/2BS	993.4 SE	20	-18	-18	-23	2
29 UNL 15	1006.8 S	2	-20	-20	-25	0
30 UNL 2 ICIF	1021.2 NNN	12	-32	-32	-36	5

AVG 1017.3 10 - 4 - 4 - 8 5

Date	Calling (100's ft)	Visibility (miles)	Present Weather	Sea Level Pressure (mb)	Wind Direction	Wind Speed (mph)	Dry Bulb (°F)	Wet Bulb (°F)	Dew Point (°F)	Sky Cover (tenths)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

SACHS HARBOUR NMT  
NOVEMBER 1970 0800 HST

01 UNL 15	1008.1 SE	24	28	27	24	4
02 10 10	1023.0 W	14	15	15	12	6
03 100 15	1026.4 E	20	15	15	11	10
04 UNL 10	1029.2 ENE	14	12	11	7	1
05 UNL 15	1028.4 SE	10	5	5	0	4
06 90 15	1017.3 SSE	6	14	16	11	10
07 20 10	1017.1 M	6	14	14	11	8
08 30 10	1022.8 N	8	12	12	9	10
09 8 15	1021.1 E	12	-1	-1	-5	7
10 UNL 15	1015.5 SE	16	0	0	-4	3
11 UNL 15	1007.6 SE	26	9	8	4	0
12 9 15	1000.2 S	14	4	4	-8	10
13 8 2 S-	1011.7 W	12	7	7	5	10
14 12 4 S-	1012.1 S	6	2	2	-1	10
15 12 5 S-	1017.2 N	10	0	0	-4	10
16 UNL 15 IC	1029.5 NNE	6	-21	-21	-26	0
17 UNL 15	1022.9 SE	10	-7	-7	-11	0
18 UNL 15	1005.8 SE	14	-7	-7	-12	0
19 7 4 S-	1008.1 HSW	4	-4	-4	-8	9
20 UNL 3/4F	1011.5 NNN	14	-14	-14	-17	2
21 UNL 6 F	1013.0 CALM	-16	-16	-19	5	5
22 UNL 15 IC	1027.2 SW	6	-18	-18	-23	0
23 UNL 10 IC	1025.4 CALM	-14	-14	-20	0	0
24 UNL 10 IC	1022.8 NE	10	-22	-22	-27	0
25 UNL 10 IC	1011.0 SSE	6	-20	-20	-25	0
26 UNL 10 IC	1025.0 CALM	-22	-22	-27	4	4
27 UNL 15	1027.4 SE	8	-27	-27	-33	0
28 UNL 1 BS	992.6 SE	18	-18	-18	-22	2
29 UNL 15 IC	1009.3 CALM	-19	-19	-24	4	4
30 UNL 2 ICIF	1021.9 NNN	10	-33	-33	-37	2

AVG 1017.0 10 - 4 - 4 - 8 4

SACHS HARBOUR NMT  
NOVEMBER 1970 1100 HST

01 30 15	1006.8 SE	24	30	30	28	8
02 UNL 10	1025.1 W	6	11	11	8	7
03 15 2 S-	1026.4 E	14	18	18	15	10
04 UNL 15	1031.0 NE	18	4	4	0	1
05 30 15	1026.5 SE	10	7	7	2	10
06 80 15	1017.0 E	8	14	14	10	10
07 4 1 F	1016.8 NW	16	15	15	13	10
08 20 10 S-	1023.2 M	4	13	13	10	10
09 6 15	1020.1 SE	8	0	0	-4	9
10 UNL 15	1015.3 SE	20	-2	-2	-7	0
11 UNL 15	1007.1 SE	30	9	9	4	6
12 6 1/2S-BS	1001.1 NW	16	10	10	7	10
13 6 1/2S-F	1013.2 W	16	5	5	1	10
14 10 6 S-	1012.1 SW	2	1	1	-3	10
15 UNL 4 S-F	1018.9 NNE	10	-3	-3	-7	8
16 UNL 15	1030.5 NNE	8	-20	-20	-25	9
17 UNL 15	1020.1 SE	12	-7	-7	-11	4
18 UNL 15	1005.8 SE	12	-7	-7	-12	1
19 5 5 S-	1008.6 W	10	0	0	-4	10
20 UNL 2 F	1011.4 NNN	12	-14	-14	-17	9
21 UNL 10	1015.2 CALM	-18	-18	-22	3	3
22 UNL 15 IC	1026.6 S	2	-18	-18	-25	8
23 UNL 3 ICIF	1025.0 CALM	-14	-14	-16	5	5
24 UNL 10 IC	1022.3 NE	10	-27	-27	-33	3
25 UNL 15	1011.4 NE	2	-20	-20	-25	4
26 UNL 10 IC	1029.8 S	2	-22	-22	-27	4
27 UNL 15	1024.1 SE	10	-29	-29	-35	2
28 UNL 10	992.2 SE	18	-18	-18	-23	4
29 UNL 15	1011.5 W	6	-18	-18	-23	3
30 UNL 1 ICIF	1023.3 NN	8	-34	-34	-37	4

AVG 1017.1 10 - 5 - 5 - 9 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)	Dew Point (°F)	Sky Cover (tenths)
------	--------------------	--------------------	-----------------	-------------------------	----------------	------------------	---------------	---------------	----------------	--------------------

SACHS HARBOUR NMT  
NOVEMBER 1970 1400 HST

01 UNL 15	1006.9 SSE	22	33	32	30	6
02 UNL 10	1027.3 NN	8	10	10	7	8
03 30 10	1025.9 E	20	17	17	14	8
04 UNL 15	1032.1 ENE	16	2	2	-3	3
05 UNL 15	1024.4 ESE	14	9	9	3	8
06 80 15	1017.0 SE	8	15	14	10	8
07 3 2 S-	1017.1 NN	16	14	14	12	10
08 12 10 S-	1023.8 NNN	2	13	13	10	10
09 5 6 S-	1019.8 SE	12	4	4	0	10
10 UNL 15	1014.7 SE	16	-1	-1	-5	0
11 80 15	1005.8 SE	28	12	12	7	9
12 4 1/2S-F	1002.7 MNN	18	3	3	0	10
13 6 3/4S-F	1014.2 WSW	15	4	4	2	10
14 UNL 10	1012.3 M	4	-3	-3	-7	6
15 UNL 15	1020.5 NNE	8	-6	-6	-10	7
16 UNL 15	1030.6 NNE	12	-20	-20	-25	2
17 UNL 15	1017.6 SSE	8	-8	-8	-12	1
18 UNL 15	1005.9 ESE	10	-6	-6	-10	1
19 4 1/2F	1009.1 NN	16	-6	-6	-10	10
20 UNL 8	1011.7 M	10	-18	-18	-22	2
21 UNL 15	1017.8 NE	4	-23	-23	-25	4
22 UNL 4 F	1025.6 S	10	-16	-16	-20	3
23 UNL 3 IC	1025.1 CALM	-14	-14	-17	6	6
24 UNL 15	1021.9 NNE	6	-25	-25	-31	3
25 UNL 15	1012.8 ESE	2	-18	-18	-23	3
26 UNL 10 IC	1027.0 E	2	-22	-22	-27	4
27 UNL 2 IF	1017.8 SE	12	-25	-25	-29	3
28 UNL 10	993.6 ESE	14	-19	-19	-24	3
29 UNL 2 IF	1013.9 NN	10	-20	-20	-24	3
30 UNL 8 IC	1024.3 NN	8	-34	-34	-37	4

AVG 1017.3 11 - 5 - 5 - 9 6

SACHS HARBOUR NMT  
NOVEMBER 1970 1700 HST

01 UNL 15	1005.6 S	26	32	30	27	2
02 UNL 10	1028.0 NE	8	6	6	3	8
03 30 10	1026.4 ESE	14	18	17	14	9
04 UNL 15	1032.5 ENE	14	2	2	-3	1
05 70 15	1021.9 SE	16	9	9	2	8
06 40 15	1017.5 SE	8	15	14	11	9
07 5 1/2S-F	1017.9 NNN	12	13	13	11	10
08 10 15	1024.2 NNE	2	14	14	11	10
09 10 10	1019.2 SE	14	0	0	-4	10
10 UNL 15	1014.0 SE	16	1	1	-3	0
11 70 15	1004.3 SE	24	14	13	10	9
12 7 2 F	1004.5 W	10	4	4	1	10
13 6 3/4S-F	1014.3 SW	10	4	4	1	10
14 15 8	1013.0 SSW	6	-1	-1	-4	10
15 UNL 15	1022.6 NE	8	-8	-8	-13	4
16 UNL 15	1030.6 NE	10	-17	-17	-22	2
17 UNL 15	1014.0 SE	10	-10	-10	-15	1
18 UNL 15	1006.4 SE	6	-4	-4	-8	2
19 15 3 S-F	1010.1 NN	16	-10	-10	-13	8
20 UNL 10	1014.6 SW	8	-17	-17	-22	2
21 UNL 15	1020.3 NNE	4	-20	-20	-25	4
22 UNL 3 ICIF	1025.3 SSE	4	-16	-16	-18	7
23 UNL 6 IC	1025.3 CALM	-16	-16	-18	20	6
24 UNL 15	1020.8 NE	8	-24	-24	-30	3
25 UNL 15	1015.6 NE	4	-23	-23	-27	4

## SYNOPTIC OBSERVATIONS

## SACHS HARBOUR

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)
------	---------------------	--------------------	-----------------	-------------------------	----------------	--------------------	---------------	---------------	----------------	--------------------

SACHS HARBOUR NMT  
DECEMBER 1970 0200 MST

01 UNL 8 IC	1027.3 NW	14	-23	-23	-29	4				
02 UNL 10 IC	1029.1 WNW	8	-27	-27	-33	0				
03 UNL 8 IC	1018.1 SW	10	-12	-12	-17	8				
04 UNL 15	1028.0 CALM		-22	-22	-27	6				
05 UNL 10 IC	1018.7 SE	18	-16	-16	-21	5				
06 UNL 15	1034.8 NE	8	-28	-28	-34	0				
07 UNL 15	1034.8 WNW	8	-22	-22	-27	0				
08 UNL 6 IC	1022.6 W	16	-13	-13	-18	6				
09 70 15	1021.8 NW	6	-18	-18	-23	9				
10 UNL 6 IC	1024.5 SE	12	-16	-16	-20	10				
11 UNL 10 IC	1022.2 E	4	-12	-12	-17	8				
12 60 15	1014.0 SSE	10	-9	-9	-13	9				
13 50 15	1014.6 CALM		-12	-12	-17	9				
14 UNL 15	1012.0 NE	10	-27	-27	-33	0				
15 UNL 10 IC	1020.3 NNE	6	-31	-31	-35	2				
16 UNL 10 IC	1029.8 NNE	4	-28	-28	-34	2				
17 UNL 10 IC	1032.8 NNE	12	-38			8				
18 15 10 IC	1032.7 WNW		-30	-30	-36	8				
19 UNL 10 IC	1025.0 E	6	-26	-26	-32	5				
20 UNL 15	1018.3 SE	10	-21	-21	-26	3				
21 UNL 15	1011.9 CALM		-19	-19	-23	0				
22 UNL 15	1014.9 ESE	8	-27	-27	-33	0				
23 UNL 15	1013.3 ESE	4	-27	-27	-33	0				
24 UNL 15	1009.4 ESE	12	-25	-25	-31	0				
25 1 1/8BS	988.6 SE	32	-14	-14	-19	10				
26 60 8 S-	993.5 SSE	18	-8	-8	-13	9				
27 UNL 15	1006.5 S	4	-22	-22	-27	0				
28 UNL 10 IC	1015.9 NE	8	-28	-28	-34	0				
29 UNL 15	1017.0 SE	8	-21	-21	-26	0				
30 UNL 15	1011.3 SE	16	-13	-13	-18	2				
31 UNL 2 BS	1008.0 SE	18	-10	-10	-15	8				
AVG	1018.5	9	-21	-21	-26	4				

SACHS HARBOUR NMT  
DECEMBER 1970 0500 MST

01 UNL 10 IC	1027.8 NW	16	-23	-23	-29	4				
02 UNL 15 IC	1027.8 SW	4	-27	-27	-33	0				
03 UNL 8 IC	1019.0 WSW	4	-15	-15	-20	8				
04 UNL 10 IC	1027.1 S	3	-24	-24	-30	6				
05 UNL 10	1019.8 SE	12	-18	-18	-23	4				
06 UNL 15	1035.7 ENE	8	-22	-22	-27	0				
07 UNL 15	1033.4 WNW	8	-23	-23	-29	3				
08 35 4 S-	1022.2 W	12	-12	-12	-17	10				
09 UNL 15	1022.1 WNW	6	-15	-15	-19	4				
10 UNL 8 IC	1024.6 SE	10	-17	-17	-21	2				
11 UNL 10 IC	1020.5 ESE	12	-10	-10	-16	5				
12 60 10 IC	1014.1 SSW	10	-13	-13	-17	10				
13 50 15 S-	1014.2 WSW	4	-12	-12	-16	10				
14 UNL 10 IC	1013.6 NNE	12	-30	-30	-34	2				
15 UNL 10 IC	1021.7 NE	12	-29	-29	-35	3				
16 UNL 10 IC	1029.5 N	2	-25	-25	-29	2				
17 UNL 10 IC	1034.4 WNW	10	-38			0				
18 UNL 10 IC	1031.4 WNW	4	-29	-29	-35	7				
19 UNL 10 IC	1024.2 E	8	-25	-25	-31	3				
20 UNL 15	1016.5 SE	14	-18	-18	-23	4				
21 UNL 15	1012.6 NNE	4	-25	-25	-31	0				
22 UNL 15	1014.1 ESE	14	-25	-25	-31	2				
23 UNL 15	1015.0 SE	2	-28	-28	-34	0				
24 UNL 15	1007.1 ESE	12	-22	-22	-27	0				
25 UNL 15	990.0 SE	28	-15	-15	-20	9				
26 UNL 10 S-	994.6 SSE	16	-8	-8	-13	5				
27 UNL 15 IC	1008.5 S	3	-22	-22	-27	0				
28 UNL 10 IC	1016.2 NE	4	-23	-23	-29	0				
29 UNL 15	1016.1 SE	3	-22	-22	-27	0				
30 UNL 15	1010.1 SE	18	-13	-13	-18	2				
31 UNL 3 BS	1007.7 SE	18	-9	-9	-13	3				
AVG	1018.4	9	-21	-21	-26	4				

SACHS HARBOUR NMT  
DECEMBER 1970 0800 MST

01 UNL 8 IC	1028.4 NW	16	-23	-23	-29	5				
02 UNL 10 IC	1025.6 SSE	8	-25	-25	-31	4				
03 UNL 10 IC	1020.4 W	4	-19	-19	-24	7				
04 UNL 10 IC	1025.3 SSE	8	-20	-20	-25	7				
05 UNL 10	1021.7 SE	18	-19	-19	-24	0				
06 UNL 15	1036.2 SE	4	-21	-21	-26	0				
07 UNL 15	1031.5 W	6	-24	-24	-30	0				
08 10 10	1021.6 WNW	10	-11	-11	-16	10				
09 UNL 15	1022.7 CALM		-16	-16	-20	8				
10 UNL 10 IC	1024.2 SE	12	-18	-18	-22	1				
11 UNL 10 IC	1019.9 SE	16	-10	-10	-16	4				
12 50 10 IC	1014.1 S	12	-12	-12	-16	9				
13 50 6 S-	1012.8 WNW	4	-11	-11	-14	10				
14 UNL 10 IC	1013.8 NE	14	-23	-23	-27	0				
15 UNL 10 IC	1023.4 NE	10	-33	-33	-39	1				
16 UNL 10 IC	1029.1 CALM		-29	-29	-34	7				
17 UNL 10 IC	1035.9 N	8	-39			0				
18 25 10 IC	1029.5 CALM		-29	-29	-35	9				
19 UNL 15	1023.0 E	4	-24	-24	-30	0				
20 UNL 15	1012.4 SE	14	-16	-16	-21	2				
21 UNL 15	1012.2 ENE	4	-26	-26	-32	0				
22 UNL 15	1013.4 SE	12	-25	-25	-31	2				
23 UNL 15	1015.8 SE	2	-29	-29	-35	0				
24 UNL 15	1002.9 SE	10	-23	-23	-29	0				
25 1 1/8BS	989.5 SE	32	-15	-15	-20	10				
26 UNL 10 S-	995.9 SE	8	-10	-10	-16	2				
27 UNL 10 IC	1010.0 CALM		-21	-21	-26	0				
28 UNL 15	1016.5 NE	6	-26	-26	-32	0				
29 UNL 15	1015.9 CALM		-21	-21	-26	0				
30 UNL 15	1009.1 SE	24	-12	-12	-17	1				
31 UNL 3 BS	1008.2 SE	20	-10	-10	-15	3				
AVG	1018.1	9	-21	-21	-26	3				

SACHS HARBOUR NMT  
DECEMBER 1970 1100 MST

01 UNL 4 ICIF	1028.9 NW	16	-25	-25	-29	4				
02 UNL 4 IC	1023.3 SSW	14	-19	-19	-23	7				
03 UNL 15 IC	1022.1 NW	2	-21	-21	-26	6				
04 200 3 IC	1023.8 SSW	14	-19	-19	-24	9				
05 UNL 15	1024.8 ESE	14	-17	-17	-22	0				
06 UNL 15	1036.7 S	4	-22	-22	-27	0				
07 UNL 15	1030.2 SW	4	-25	-25	-31	5				
08 12 5 S-	1021.7 WNW	12	-7	-7	-11	10				
09 12 4 S-	1023.0 CALM		-15	-15	-19	10				
10 UNL 10 IC	1024.1 SE	6	-19	-19	-23	2				
11 60 2 S-BS	1018.9 SE	18	-8	-8	-12	10				
12 50 8 S-	1014.3 SSW	14	-11	-11	-15	10				
13 12 6 S-	1011.8 WNW	6	-11	-11	-14	10				
14 UNL 10 IC	1016.5 NNE	16	-28	-28	-34	2				
15 UNL 10 IC	1025.2 NNE	6	-32	-32	-38	1				
16 UNL 10 IC	1028.7 CALM		-30	-30	-36	6				
17 UNL 10 IC	1036.8 NNE	8	-38			0				
18 20 10 IC	1028.6 E	6	-28	-28	-34	10				
19 UNL 15	1023.1 E	6	-23	-23	-29	0				
20 UNL 15	1011.7 SE	14	-10	-10	-16	6				
21 UNL 15	1012.6 SE	6	-26	-26	-32	0				
22 UNL 10	1012.1 ESE	18	-27	-27	-33	2				
23 UNL 10	1016.5 CALM		-31	-31	-37	0				
24 UNL 10	998.5 ESE	24	-20	-20	-25	3				
25 2 1/4BS	989.6 ESE	25	-15	-15	-20	10				
26 UNL 10 S-	997.7 S	14	-10	-10	-16	6				
27 UNL 10 IC	1011.5 CALM		-20	-20	-25	2				
28 UNL 15	1016.8 NE	8	-24	-24	-30	1				
29 UNL 15	1014.8 S	2	-18	-18	-23	4				
30 UNL 15	1008.3 SE	22	-12	-12	-17	3				
31 UNL 3 BS	1008.8 SE	24	-8	-8	-12	7				
AVG	1018.0	10	-20	-20	-25	5				

SACHS HARBOUR NMT  
DECEMBER 1970 1400 MST

01 UNL 3 ICIF	1029.2 NW	16	-25	-25	-29	3				
02 UNL 3 IC	1020.8 SW	16	-17	-17	-22	5				
03 UNL 10 IC	1024.3 NNE	4	-22	-22	-27	5				
04 UNL 1 ICBS	1022.0 SSW	20	-18	-18	-23	9				
05 UNL 15	1027.7 E	8	-20	-20	-25	0				
06 UNL 15	1037.3 CALM		-20	-20	-25	1				
07 UNL 15	1028.9 SW	2	-22	-22	-27	7				
08 UNL 10	1022.0 NW	10	-13	-13	-18	10				
09 12 4 S-	1023.7 SE	4	-13	-13	-16	10				
10 100 10	1024.2 SE	6	-17	-17	-21	8				
11 20 1/2S-BS	1017.8 SE	18	-7	-7	-11	10				
12 50 10 S-	1014.8 S	8	-11	-11	-15	10				
13 UNL 10	1011.8 WNW	4	-14	-14	-17	4				
14 UNL 15	1014.8 NNE	12	-30	-30	-36	8				
15 UNL 10 IC	1027.2 NW	6	-28	-28	-34	1				
16 UNL 10 IC	1029.0 CALM		-29	-29	-35	6				
17 UNL 10 IC	1037.7 NW	8	-36			3				
18 20 10 IC	1027.8 E	4	-26	-26	-32	10				
19 UNL 15	1022.0 E	10	-22	-22	-27	3				