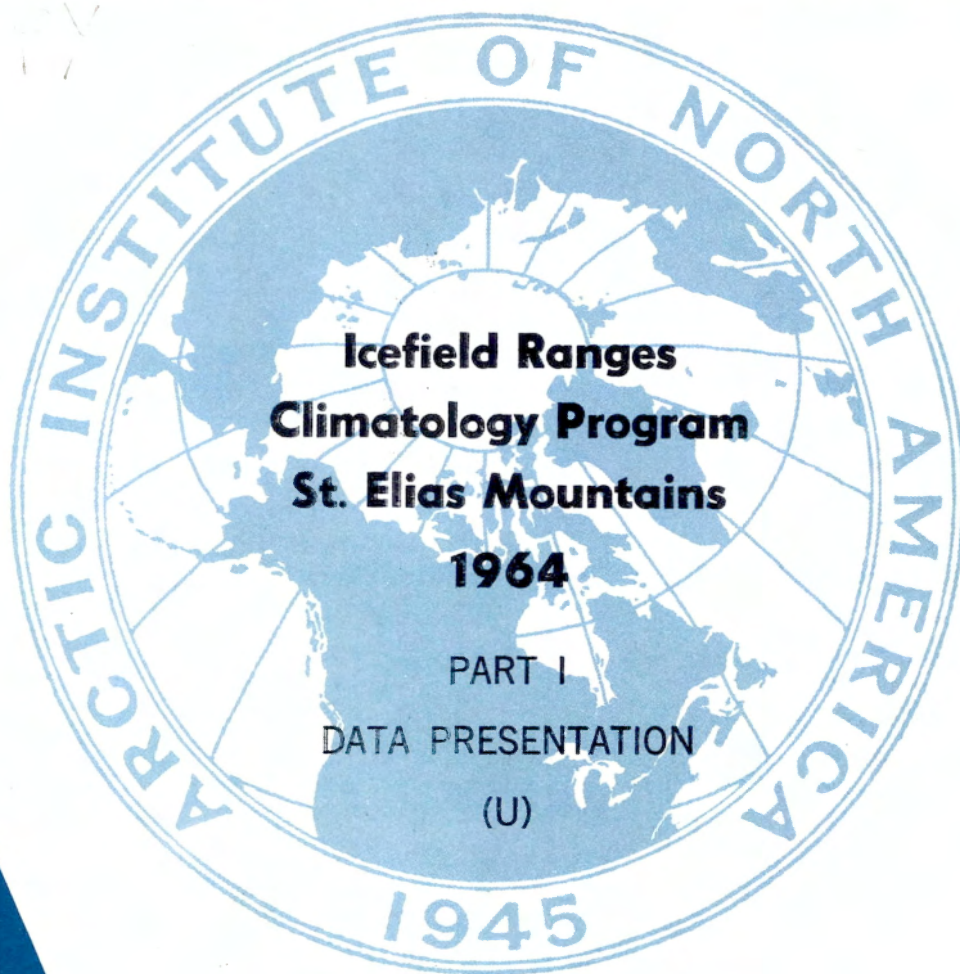




**Icefield Ranges
Climatology Program
St. Elias Mountains**

1964

PART I
DATA PRESENTATION
(U)

Prepared for the
EARTH SCIENCES DIVISION
UNITED STATES ARMY
NATICK LABORATORIES

Under
Contract DA19-129-AMC-312(N), IRRP

February 1965

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NORTH AMERICA**

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ICEFIELD RANGES CLIMATOLOGY PROGRAM,
ST. ELIAS MOUNTAINS, 1964

PART I: DATA PRESENTATION

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February, 1965

*Prepared
for*

EARTH SCIENCES DIVISION
UNITED STATES ARMY NATICK LABORATORIES
NATICK, MASSACHUSETTS
IN PARTIAL FULFILLMENT OF
ARMY CONTRACT, DA19-129-AMC-312(N), IRRP

Army Contract, DA19-129-AMC-312(N), IRRP

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ICEFIELD RANGES CLIMATOLOGY PROGRAM,
ST. ELIAS MOUNTAINS, 1964

PART I: DATA PRESENTATION

Introduction

Environmental studies of the St. Elias Mountains, Yukon Territory, Canada, and surrounding district were initiated by the Icefield Ranges Research Project in 1961 under joint sponsorship of the Arctic Institute of North America and the American Geographical Society. During the summer field seasons of 1961 through 1964, research was carried out in such interrelated earth sciences as glaciology, glacial geology, photogrammetry, sedimentology and geophysics. An integral and important phase of the larger research program was concentrated in climatological and meteorological research, particularly in terms of regional climatology and the operation of a weather station network.

During the summer field seasons of 1961 and 1962, before a regular climatology team was a part of the Icefield Ranges Research Project, field personnel carried out reconnaissance meteorological observations in the region. In 1963, with support from the Earth Sciences Division, Quartermaster Research and Engineering Command, U.S. Army, a meteorology program was initiated under the direction of James M. Havens, U.S. Army Natick Laboratories. There were two major phases in the program: (1) the operation of meteorological stations at the Lake Kluane Base Camp and at Divide Station (see Fig. 1) where observations were taken of temperature, precipitation, humidity, wind, sky condition, sunshine, clouds, and other meteorological variables, (2) radiation studies with particular emphasis on radiational relationships at the high-altitude Divide Station. Additionally, an automatic temperature-humidity station was operated at the terminus of the Kaskawulsh Glacier. Divide Station and Lake Kluane observations for

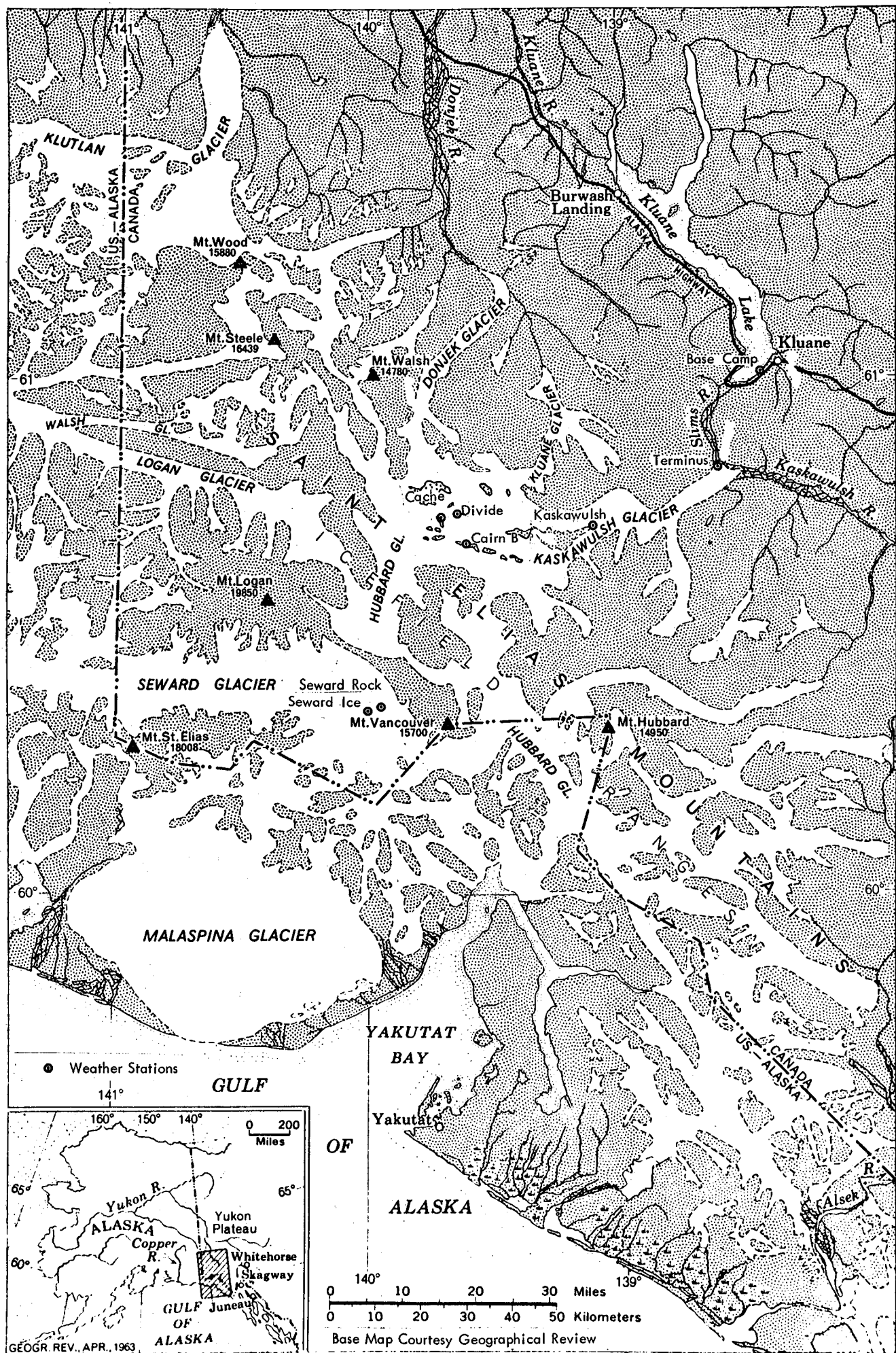


FIG. 1—Location map, showing area of the Icefield Ranges Research Project operations.

0900 and 2100 Yukon Standard Time were coded and relayed to the Whitehorse Weather Station where they were used in local and airways forecasting.

In 1964, the climatology program was expanded to include regular weather observations at the old Project Snow Cornice station on the Seward Glacier (Seward Station) and at the confluence of the middle and north arms of the Kaskawulsh Glacier (Kaskawulsh Station) as well as at Lake Kluane and Divide Station. Automatic temperature stations were operated on two nunataks in the Divide Station area (Cache-Divide and Cairn B-Divide), and the Kaskawulsh terminus (Terminus Station), and on the ice about one mile west of the Seward Station (Seward Ice). The objectives of this program were to provide a climatic profile from the marine western slopes across the summit and the slopes of the St. Elias Mountains to the continental interior at Lake Kluane. Observations were synchronized with RADIOSONDE and PIBAL observations at Whitehorse and Yakutat so that vertical as well as horizontal variations in weather elements could be considered. The results of this research are presented in PART II of this report: A CLIMATOLOGICAL PROFILE OF THE ST. ELIAS MOUNTAINS.

Two supplementary programs were operated in association with the 1964 weather station network: (1) ablation-accumulation observations at each of the glacier stations, and (2) a short-term micrometeorological study of wind, temperature, and radiation relationships at Divide Station. The former is described in PART II of this report; the latter in PART III. Also, the working arrangement with the Whitehorse Weather Station was continued in 1964.

All phases of the 1964 climatology program were supported by the Polar and Mountain Section, Earth Sciences Division, Quartermaster Research and Engineering Command, United States Army Natick Laboratories, Natick, Massachusetts, under Contract DA19-129-AMC-312(N).

Station Locations

Four manned-stations and four automatic stations were operated during the 1964 field season. Figure 1 shows their positions. The geographical grid position, elevation, and period of record for each station is given in Tables A and B. Three stations operated by government agencies provided comparative data for the mountain margins. These were Yakutat in Alaska and Whitehorse and the Haines Junction Experimental Farm in the Yukon; they are described in Table C.

Observational Procedures and Records

Base Camp (Lake Kluane). The Base Camp weather station was operated from 1 June through 26 August, 1964. Since the station was manned by Base Camp personnel, and not by members of the regular climatology team, the schedule of observations had to be adjusted to normal activities at that camp. This was accomplished with as little disruption as possible of the organization and timing of the overall observational network. By scheduling regular observations at 0900, 1500, and 2100 Yukon Standard Time, synchronization was maintained (as at other manned Project stations) with the 0900 and 2100 YST PIBAL ascents at Whitehorse and Yakutat, as well as with the 0300 YST RADIOSONDE ascents at those stations. A hygrothermograph provided the 0300 YST temperature data for comparison with icefield stations and RADIOSONDE records.

Base Camp observations for 0900 and 2100 YST were coded and immediately relayed by telephone to the Whitehorse Weather Station where they were utilized in local and airways forecasting.

For the three observation periods, the following were recorded: temperature, precipitation, relative humidity, wind direction, wind speed, pressure, tenths of

TABLE A

MANNED WEATHER STATIONS, ST. ELIAS MOUNTAINS, 1964

Station	Latitude	Longitude	Elevation in feet	Period of Record	Type of Surface
Base Camp (Lake Kluane)	61° 03' N	138° 22' W	2,580	1 June-26 Aug.	Gravel. 150 N. W. of center of abandoned Kluane Air Strip.
Divide	60° 47' N	139° 40' W	c. 8,650	10 June-17 Aug.	Snow.
Kaskawulsh	60° 44' N	139° 08' W	c. 5,800	4 July-22 Aug.	Thin moraine overlaying ice.
Seward	60° 20' N	139° 55' W	c. 6,100	18 June-14 Aug.	Rock ridge. c. 50 feet from nearest snow.

TABLE B

AUTOMATIC WEATHER STATIONS, ST. ELIAS MOUNTAINS, 1964

Cache-Divide	60° 46' N	139° 42' W	8,774	13 June-16 Aug.	Small rock nunatak. 10 feet to nearest snow. Occasional thin snow cover depending on weather.
Cairn B-Divide	60° 46' N	139° 38' W	8,994	13 July-15 Aug.	Snow. On ridge just east of nunatak summit.
Seward Ice	60° 20' N	139° 56' W	c. 5,850	6 July-13 Aug.	Snow. c. 1 mile west of nunatak.
Terminus	60° 49' N	138° 38' W	c. 2,700	11 June-18 Aug.	Gravel. On moraine c. 100 feet from Slims River floodplain; 2 feet higher than floodplain surface.

TABLE C

REFERENCE STATIONS, ICEFIELD RANGES RESEARCH PROJECT, 1964

Station	Latitude	Longitude	Elevation in feet	Operating Agency
Experimental Farm, Mile 1019, Alaska Highway, Y.T.	60° 45' N	137° 35' W	1,965	Canada Department of Agriculture
Whitehorse Airport, Y.T.	60° 43' N	135° 04' W	2,303	Meteorological Branch, Department of Transport
Yakutat, Alaska	59° 31' N	139° 40' W	39	U. S. Weather Bureau

cloud cover, heights and types of clouds, and visibility. These data are presented in Table I-A. Dew point was recorded as well and included in the synoptic codes relayed to Whitehorse.

Continuous records were maintained at Base Camp for temperature, duration of sunshine, and insolation. Temperature and sunshine data are presented in Tables I-B and I-C. Insolation results will be presented in PART II. A description of all automatic and standard equipment used at this and other stations is included in Appendix A.

Divide Station. Divide Station was located on a nearly flat snow surface near the topographic and flow divide of the Kaskawulsh and Hubbard Glaciers. The station was operated from 10 June through noon, 17 August, 1964. It was originally intended that this station continue operations until 25 August, but problems with the Project's support aircraft required an earlier evacuation of the icefield stations. Daily observations were made every three hours commencing at 0300 YST. Observations for 0900 and 2100 YST were regularly coded, relayed to Base Camp by short-wave radio, and then to Whitehorse by telephone.

Three-hourly readings included temperature, precipitation, relative humidity, wind speed and direction, pressure, and tenths of cloud cover. These data are presented in Tables II-A and II-D through II-J. It should be noted that relative humidity data is incomplete due to difficulties encountered in the operation of the battery-powered aspirating psychrometer. Also recorded at the three-hour interval were dew point, heights and types of clouds, direction of cloud movement, visibility, type and structure of atmospheric and surface condensation, and miscellaneous phenomena such as aurora. This information is summarized in PART II of this report and the raw data is presently available in the author's files at the Department of Geography, The University of Michigan. Eventually, it will be placed in the files of the Arctic Institute of North America.

Continuous records were maintained at Divide for temperature, duration of sunshine, and insolation. Data for sunshine is presented in Table II-I. Due to equipment malfunction, the short-wave data must be subjected to considerable adjustment and calibration; they will be presented in PART II. In addition to regular observations, thermograph stations were operated on two nunataks -- one to the southwest (Cache-Divide) and one to the southeast (Cairn B-Divide) of the glacier station. These data are provided in Tables II-B and II-C respectively.

A five-stake albatron net was also maintained at Divide Station in conjunction with studies of snow stratigraphy. These are presented and analyzed in PART II of this report.

Kaskawulsh Station. The station was operated from 4 July through 22 August by the glaciology-geophysics team. Observations were taken daily, but the schedule was irregular during the course of the day. This was because the observers' primary commitment often required that they work some distance from camp at the synoptic hours. Thermograph records provided the one continuous record for the station. Kaskawulsh data are included in Tables III-A and III-B.

Seward Station. Seward Station was located on the ridge of a small nunatak near the eastern margin of the Seward Glacier Basin. The site used by Project Snow Cornice in the late 1940's and early 1950's was reoccupied.

This station operated from 18 June through 14 August. With the exception of sunshine duration and radiation, Seward observations were in time and content exactly the same as those for Divide Station. An additional thermograph station (Seward Ice) was operated on the glacier surface about one mile west of the nunatak and some 250 feet lower in elevation. The Seward Ice record is interrupted in late July due to a clock stoppage. All Seward data is included in the Table IV series.

Terminus Station. This was an automatic temperature station maintained on the terminal moraine just above the Slims River floodplain. It was operated 11 June through 18 August, except for a one-week interruption in late June. At that time, the meteorological shelter was demolished by a grizzly bear. Fortunately, the instrument was not seriously affected. Terminus temperatures are given in Table V.

Experimental Farm. (Haines Junction). Because weather records for the Experimental Farm near Haines Junction are not published, they are presented in Table VI.

ACKNOWLEDGMENTS

Six investigators constituted the basic climatology team: Melvin Marcus, The University of Michigan, who was in charge of the 1964 program; Tony Brazel and Raymond Longeay, Rutgers University; Edward Grew, Dartmouth University; David Witter, Clark University; and Linda Upton, Arctic Institute of North America. Other members of the Project were generous with their time and assistance, particularly Dr. and Mrs. Malcom Mellor, Dr. Lawrence Nielsen, Stephen Grossman, and Presbury West who worked full-time on the stations at various times during the summer. Dr. Colin Bull, Peter Anderton, and Gill Dewart of the Ohio State University took Kaskawulsh Station observations.

Philip Upton not only directed and provided an excellent logistics program, but also saw to the maintenance of Terminus Station. Fulton and Faye Aldhizer were especially considerate and helpful members of the Project's support team. Richard Ragle, Field Director of the Icefield Ranges Research Project, was especially helpful in the organization of the program and provided valued counsel.

TABLE I-A

BASE CAMP (LAKE KLUANE), METEOROLOGICAL DATA, YUKON TERRITORY, CANADA

Lat.: 61° 03' N

Long.: 138° 22' W

Elevation: 2,580 feet

Date: June, 1964

Date	Hour (Y.S.T.)	R.H. (%)	Cloud Amt. (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Speed (mph)	Station Pressure (mb)	24-Hour Precipitation (in.)
1	0900	81	1Ci, 2Sc	3	UNL	36	2	923.1	0.09
	1500	65	3Ac	0	UNL	34	4	920.5	
	2100	55	1Ci	3	UNL	C	C	-----	
2	0900	64	10St	10	UNL	36	3	917.0	0.05
	1500	64	10St	10	UNL	23	6	916.0	
	2100	88	10Ns	10	15	13	2	915.0	
3	0900	86	3As, 6St	9	UNL	21	9	916.0	T
	1500	83	3As, 5St	8	UNL	23	7	916.0	
	2100	69	1As	1	UNL	20	2	913.6	
4	0900	59	2Ci, 1As	3	UNL	24	3	911.5	
	1500	34	1Ci, 4As	5	UNL	26	5	909.4	
	2100	62	10As	10	UNL	19	3	911.0	
5	0900	51	4Ci, 1Ac, 1St	6	UNL	23	7	913.0	
	1500	50	2Ci, 3Ac	5	UNL	26	11	912.5	
	2100	57	1Cs, 2As	3	UNL	10	2	916.2	
6	0900	60	1Ci, 7As	3	UNL	27	2	919.3	
	1500	46	3Ac	3	UNL	27	2	918.6	
	2100	75	8As	7	UNL	30	7	921.6	
7	0900	54	1Ci, 2Sc	3	UNL	32	2	926.6	
	1500	40	2Ac, 3Sc	5	UNL	35	5	925.5	
	2100	48	5Ac	5	UNL	C	C	925.8	
8	0900	36	-----	0	UNL	24	6	924.8	
	1500	31	1Ci, 2Sc	3	UNL	26	7	921.3	
	2100	35	9Cs	9	UNL	20	8	919.0	

TABLE I-A (con't)

BASE CAMP (LAKE KLUANE), METEOROLOGICAL DATA, YUKON TERRITORY, CANADA

Lat.: 61° 03' N		Long.: 138° 22' W		Elevation: 2,580 feet		Date: June, 1964			
Date	Hour (Y.S.T.)	R.H. (%)	Cloud Amt. (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir. Speed (mph)	Station Pressure (mb)	24-Hour Precipitation (in.)	
9	0900	47	2Cs, 3Ac, 3As	8	UNL	24 6	914.5		
	1500	41	8As, 2Ac	10	UNL	26 9	911.6		
	2100	63	5As, 2Ac	7	UNL	18 7	910.5		
10	0900	54	4Cs, 2Ac	6	UNL	22 8	910.0		
	1500	39	3Ci, 2Ac	5	UNL	26 12	908.7		
	2100	49	1Ci, 7As	8	UNL	C C	913.0	T	
11	0900	66	2Ac, 5Sc	7	UNL	05 2	920.5		
	1500	40	4Sc	4	UNL	05 2	919.7		
	2100	57	4Sc	4	UNL	23 5	919.5	T	
12	0900	53	1Ac, 2As	3	UNL	06 2	919.8		
	1500	46	5Ac	5	UNL	28 5	916.0		
	2100	37	4As	4	UNL	20 5	915.0		
13	0900	52	1Cs, 4Cc	5	UNL	25 4	915.8		
	1500	54	2Ci, 4Ac	6	UNL	26 7	912.8		
	2100	56	8Cs, 1Ac	9	UNL	28 2	913.7		
14	0900	77	6Cs, 2Sc	8	UNL	26 8	916.2		
	1500	92	6Cs, 2Ac	8	UNL	13 10	915.3		
	2100	39	5Cs, 2Ac	7	UNL	09 11	917.0		
15	0900	54	1Ci, 2Ac	3	UNL	23 4	918.0		
	1500	27	1Ci, 3Ac	4	UNL	09 5	917.2		
	2100	41	7Ci, 1Ac	8	UNL	10 3	917.0		
16	0900	46	2Cs, 4As	6	UNL	28 2	918.9		
	1500	29	1Ci, 7Ac	8	UNL	36 2	914.5		
	2100	36	1Ci, 7Ac	8	UNL	05 5	916.0		

TABLE I-A (con't)

BASE CAMP (LAKE KLUANE), METEOROLOGICAL DATA, YUKON TERRITORY, CANADA

Lat.: 61° 03' N			Long.: 138° 22' W			Elevation: 2,580 feet		Date: June, 1964	
Date	Hour (Y.S.T.)	R.H. (%)	Cloud Amt. (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Speed (mph)	Station Pressure (mb)	24-Hour Precipitation (in.)
17	0900	59	6Ac, 3As	9	UNL	C	C	915.0	T
	1500		5Ac, 5Sc	10	UNL	35	8	914.0	T
	2100	82	3Ci, 4Cs, 1Sc	8	UNL	C	C	914.3	T
18	0900	71	7Ci, 3Ac	10	UNL	22	10	913.5	
	1500	50	3Ci, 5Ac	8	UNL	23	8	910.5	
	2100	65	3Ci, 5Ac	8	UNL	36	4	911.0	
19	0900	57	2Ci, 5As, 1St	8	UNL	24	5	912.8	
	1500	38	5Ci, 1Ac	6	UNL	25	8	912.5	
	2100	53	4Ci, 2As	6	UNL	25	13	914.0	
20	0900	78	10St	10	UNL	24	3	919.0	
	1500	87	5As, 5Sc	10	UNL	24	5	918.3	
	2100	90	10St	10	30	19	10	917.4	
21	0900	100	10St	10	5	C	C	917.7	
	1500	97	10St	10	5	10	6	917.4	
	2100	100	3Ns, 7St	10	15	19	5	917.5	0.11
22	0900	93	2As, 4Sc, 4St	10	UNL	C	C	915.4	
	1500	91	9Ns	9	15	05	2	913.6	
	2100	87	1As, 6Sc, 2St	9	UNL	05	3	913.8	0.14
23	0900	91	2Ci, 7St	8	35	20	C	915.1	
	1500	82	8Cs, 1Sc	9	UNL	32	4	915.5	
	2100	93	1Ci, 9Sc	9	30	35	4	916.5	T
24	0900	86	2Ci, 4Sc	6	UNL	26	6	918.3	
	1500	37	3Cs, 3Cc, 1Ac	7	UNL	10	7	914.7	
	2100	76	3Ci, 7Ac	10	UNL	06	7	915.3	0.10

TABLE I-A (con't)

BASE CAMP (LAKE KLUANE), METEOROLOGICAL DATA, YUKON TERRITORY, CANADA

Lat.: 61° 03' N

Long.: 138° 22' W

Elevation: 2,580 feet

Date: June, 1964

Date	Hour (Y.S.T.)	R.H. (%)	Cloud Amt. (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Speed (mph)	Station Pressure (mb)	24-Hour Precipitation (in.)
25	0900	69	7Cs, 1As	8	UNL	25	4	914.7	
	1500	90	1Cs, 4Ac, 1Sc	6	UNL	36	13	915.5	
	2100	89	1Ac, 9Sc	10	UNL	05	3	921.2	
26	0900	83	7Cs, 2St	9	UNL	32	4	920.4	
	1500	70	9As, 1Sc	10	UNL	26	6	917.5	
	2100	73	10Cs, 3Sc	10	UNL	11	4	918.5	
27	0900	81	6Ac, 4Sc	10	UNL	24	4	920.6	
	1500	83	1Sc, 7Ns	8	UNL	33	5	919.2	
	2100	87	5As, 5Ns	10	UNL	C	C	920.8	0.26
28	0900	94	5Sc	5	UNL	20	4	920.5	
	1500	79	3Cs, 4Cu	7	UNL	32	5	917.3	
	2100	70	4Cs, 4Sc	8	UNL	19	7	917.9	
29	0900	84	9As, 3Sc	9	30	23	10	920.0	
	1500	80	2As, 4Sc	6	UNL	04	5	917.5	
	2100	66	8Cs, 1Sc	8	25	06	8	918.6	
30	0900	69	10Cs, 1As, 1Sc	10	UNL	32	2	918.5	
	1500	74	10Cs, 3As	10	UNL	10	14	916.0	
	2100	70	8As, 2Ac, 1Sc	8	UNL	10	3	915.5	
Total									0.86

TABLE I-A (con't)

BASE CAMP (LAKE KLUANE), METEOROLOGICAL DATA, YUKON TERRITORY, CANADA

Lat. 61° 03' N

Long.: 138° 22' W

Elevation: 2,580 feet

Date: July, 1964

Date	Hour (Y.S.T.)	R.H. (%)	Cloud Amt. (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Speed (mph)	Station Pressure (mb)	24-Hour Precipitation (in.)
1	0900	74	1Cs, 8As, 2Sc	9	UNL	32	3	913.0	
	1500	33	4Cs, 5As, 3Sc	10	UNL	10	5	915.0	
	2100	43	1Cs, 7As, 2Sc	8	UNL	16	5	914.0	
2	0900	67	7Cs, 3As, 2Sc	7	UNL	26	4	912.4	
	1500	--	-----	0	UNL	C	C	-----	
	2100	69	5Ac, 2Sc	7	UNL	C	C	911.1	
3	0900	69	1Cs, 3As, 3Ac	7	UNL	26	3	912.5	
	1500	72	8Cs, 2As, 1Sc	8	UNL	23	14	911.5	
	2100	64	8Ci, 5As	8	UNL	06	4	912.5	
4	0900	77	4Cs, 4As 1Sc	8	UNL	23	5	913.0	
	1500	54	5Ci, 3Ac	6	UNL	27	3	910.5	
	2100	70	6Ci, 4Ac	6	UNL	36	8	910.9	
5	0900	70	2Ci, 4Ac, 1Sc	6	UNL	22	6	911.8	
	1500	56	4Cs, 4Ac	8	UNL	26	11	910.5	
	2100	58	1Ci, 4Ac	5	UNL	09	2	911.7	
6	0900	69	2As, 1Ac	3	UNL	23	5	914.3	
	1500	52	4Ac	4	UNL	31	2	912.5	
	2100	72	4Ac, 3As	7	UNL	20	7	913.4	
7	0900	79	10As	10	UNL	30	3	916.5	
	1500	86	1Ci, 8As	9	UNL	27	2	915.5	
	2100	100	10Ns	10	1/4	07	1	917.0	0.21
8	0900	75	4Cs, 2Sc	4	UNL	10	17	914.0	
	1500	73	2Ci, 5Ac	7	UNL	13	17	913.0	
	2100	54	3Ac	3	UNL	12	7	913.5	0.14

TABLE I-A (con't)

BASE CAMP (LAKE KLUANE), METEOROLOGICAL DATA, YUKON TERRITORY, CANADA

Lat.: 61° 03' N

Long.: 138° 22' W

Elevation: 2,580 feet

Date: July, 1964

Date	Hour (Y.S.T.)	R.H. (%)	Cloud Amt. (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Speed (mph)	Station Pressure (mb)	24-Hour Precipitation (in.)
9	0900	80	1Cs, 1Ac 1Sc	3	UNL	24	8	914.5	
	1500	85	10As	10	UNL	C	C	913.5	
	2100	88	10St	10	UNL	C	C	912.5	T
10	0900	97	5Sc, 5St	10	30	C	C	909.5	
	1500	76	8Sc, 3Ac, 1Sc	8	UNL	08	13	908.5	
	2100	46	4Cs, 3As	5	UNL	08	6	910.2	0.22
11	0900	80	2Cs, 2Ac	2	UNL	34	3	914.5	
	1500	82	3Ac	3	35	19	11	915.5	
	2100	59	5Cs, 4Ac	7	30	10	4	918.5	T
12	0900	97	9Ac, 2St	9	UNL	24	3	922.2	
	1500	70	2Cs, 6Ac	8	UNL	31	6	921.5	
	2100	85	9As, 1St	9	35	01	8	922.9	
13	0900	89	4Ac, 5St	9	30	30	2	924.0	
	1500	89	4Ac, 4St	6	UNL	03	6	923.0	
	2100	89	4Ac, 3As	7	UNL	C	C	922.5	0.06
14	0900	83	8Ci, 3Ac	8	UNL	C	C	920.4	
	1500	82	7Sc	7	30	35	13	916.0	
	2100	87	2Cs, 8Ac	8	UNL	10	5	917.0	
15	0900	85	2Ci, 4Ac	4	UNL	30	2	915.0	
	1500	66	8As, 3Ac	8	UNL	35	4	913.0	
	2100	94	3Ci, 2As	4	UNL	06	2	915.1	
16	0900	94	1Sc	1	UNL	06	2	919.5	
	1500	79	3Ac	3	UNL	35	4	917.5	
	2100	79	-----	0	UNL	27	5	916.8	

TABLE I-A (con't)

BASE CAMP (LAKE KLUANE), METEOROLOGICAL DATA, YUKON TERRITORY, CANADA

Lat.: 61° 03' N			Long.: 138° 22' W			Elevation: 2,580 feet		Date: July, 1964	
Date	Hour (Y.S.T.)	R.H. (%)	Cloud Amt. (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Speed (mph)	Station Pressure (mb)	24-Hour Precipitation (in.)
17	0900	74	1Ci	1	UNL	21	7	916.0	
	1500	70	1Cu	1	UNL	31	3	912.0	
	2100	77	-----	0	UNL	13	6	911.6	
18	0900	78	2Ac	2	UNL	24	5	914.5	
	1500	75	2Ac	2	UNL	28	6	912.8	
	2100	84	4Ac	4	UNL	14	6	914.5	
19	0900	82	10As	10	UNL	15	1	919.2	
	1500	97	8Ac	8	UNL	34	4	918.5	
	2100	94	8Ac, 1Sc	8	UNL	06	1	920.0	
20	0900	94	10As, 3Sc	10	UNL	04	3	920.9	
	1500	83	9Ac, 2Sc	9	UNL	02	6	917.7	
	2100	86	8Ac, 2Sc	8	UNL	06	3	917.0	
21	0900	97	2Ci, 1Ac	3	UNL	02	3	916.4	
	1500	80	2Ac	2	UNL	35	4	913.0	
	2100	73	3Ac	3	UNL	06	2	912.5	
22	0900	89	9As	9	UNL	22	6	912.8	
	1500	71	6Ci, 1Ac	6	UNL	34	2	910.5	
	2100	91	8Ac, 3Sc	8	UNL	08	7	912.0	
23	0900	94	1As, 9Ac	10	UNL	26	5	917.6	
	1500	95	1Ci, 6Ac	7	UNL	01	4	918.6	
	2100	64	1Ci, 3St	4	UNL	13	4	921.0	
24	0900	91	9Ac	7	UNL	36	1	924.5	
	1500	70	5Ac, 2Sc	5	UNL	01	4	923.5	
	2100	84	6Ac	6	UNL	19	4	924.8	

BASE CAMP (LAKE KLUANE), METEOROLOGICAL DATA, YUKON TERRITORY, CANADA

Date: July, 1964

Date	Hour (Y.S.T.)	R.H. (%)	Cloud Amt. (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Speed (mph)	Station Pressure (mb)	24-Hour Precipitation (in.)
25	0900	100	10Ns	10	UNL	31	1	926.3	T
	1500	94	8Ac, 3Sc	8	UNL	32	3	926.0	
	2100	94	2As, 8St	10	30	34	1	926.0	T
26	0900	91	8Ac, 2Sc	8	UNL	25	4	927.0	
	1500	83	4Cu	4	UNL	33	3	924.6	
	2100	89	2Ac	2	UNL	04	3	923.4	
27	0900	91	10As, 4Sc	10	UNL	01	6	921.0	
	1500	91	10Ns	10	20	16	6	920.4	
	2100	97	10Ns	10	UNL	14	6	917.6	0.07
28	0900	97	5Ac, 4Sc	8	UNL	23	6	917.5	0.01
	1500	85	1Ac, 8Sc	9	UNL	22	6	916.3	
	2100	75	8Ac	8	UNL	13	3	916.5	0.01
29	0900	78	2Ci, 4Ac, 2Sc	6	UNL	26	6	917.1	
	1500	61	9Cs, 6Ac	9	UNL	27	2	914.5	
	2100	65	5Ac, 3As	8	UNL	19	8	913.0	
30	0900	94	9Sc, 4St	9	10	03	1	913.5	0.11
	1500	89	1Ac, 4Sc, 4St	9	UNL	36	5	912.8	
	2100	100	10St	10	10	06	3	913.4	0.12
31	0900	100	10Ns	10	5	01	1	912.9	0.20
	1500	91	10St	10	30	34	2	912.0	
	2100	89	10Ns	10	UNL	C	C	911.0	0.17

1.32

TABLE I-A (con't)

BASE CAMP (LAKE KLUANE), METEOROLOGICAL DATA, YUKON TERRITORY, CANADA

Lat.: 61° 03' N

Long.: 138° 22' W

Elevation: 2,580 feet

Date: August, 1964

Date	Hour (Y.S.T.)	R.H. (%)	Cloud Amt. (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Speed (mph)	Station Pressure (mb)	24-Hour Precipitation (in.)
1	0900	100	10St	10	3	24	6	911.0	0.39
	1500	91	4Ac, 5St	9	5	23	6	911.8	
	2100	91	4Ns, 6St	10	30	20	4	913.9	
2	0900	87	5Ac, 5St	10	25	20	5	919.0	0.35
	1500	74	5Ac, 4Sc	9	UNL	C	C	919.5	
	2100	82	5Ac, 4Sc	9	UNL	C	C	920.0	
3	0900	91	2Ac, 4Sc, 4St	10	UNL	23	5	920.4	0.05
	1500	69	1Ci, 7Ac, 2Cu	9	UNL	24	4	918.0	
	2100	77	5Ac, 1As	6	UNL	19	5	916.0	
4	0900	77	1Ac, 1St	2	UNL	20	6	915.8	
	1500	50	3Ac	3	UNL	30	6	914.2	
	2100	53	5Cs, 1St	7	30	03	3	917.8	
5	0900	72	3Cs, 5Ac, 2St	10	35	34	4	924.0	
	1500	48	5Cs, 2Ac	7	UNL	24	5	924.6	
	2100	--	3Cs, 2Ac	5	UNL	12	4	926.0	
6	0900	82	10Cs	10	UNL	26	3	925.9	
	1500	75	7Cs, 3Ac	10	UNL	26	4	922.8	
	2100	66	10Cs	10	UNL	24	2	919.4	
7	0900	93	4Cs, 4Cu, 2Sc	10	UNL	04	4	916.0	T
	1500	94	2Cs, 1Ac, 7Ns	10	UNL	35	4	914.0	
	2100	88	1Ac, 8As, 1St	10	30	10	4	915.1	
8	0900	95	2Cs, 3Ac, 3Cu	8	30	29	1	916.1	0.03
	1500	82	1Ac, 4Cu, 1Sc	6	UNL	35	4	914.5	
	2100	82	2Ac, 1Cu	3	UNL	C	C	914.5	

TABLE I-A (con't)

8

BASE CAMP (LAKE KLUANE), METEOROLOGICAL DATA, YUKON TERRITORY, CANADA

Lat.: 61° 03' N		Long.: 138° 22' W		Elevation: 2,580 feet		Date: August, 1964		
Date	Hour (Y.S.T.)	R.H. (%)	Cloud Amt. (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir. Speed (mph)	Station Pressure (mb)	24-Hour Precipitation (in.)
9	0900	82	1Cs, 1Ac, 1St	3	UNL	26 6	918.5	
	1500	75	8Cs, 2Ac	10	UNL	26 10	916.5	
	2100	82	10Ac	10	UNL	06 1	919.5	
10	0900	83	3Cs, 2Ac, 2Cu	7	UNL	C C	924.5	
	1500	83	4Cs, 2Ac, 4St	10	UNL	25 5	923.5	
	2100	85	6Ci, 1Cu	6	UNL	08 5	922.5	
11	0900	88	1Ci, 1Cs, 6Ac	8	UNL	21 6	919.5	
	1500	71	1Ac	1	UNL	29 3	916.9	T
	2100	72	3Ac, 2Sc	5	UNL	11 3	915.5	
12	0900	83	7As, 1Ac, 2Sc	10	UNL	10 2	913.2	
	1500	--	-----	--	---	-- -	-----	
	2100	88	2Ac	2	UNL	11 2	915.6	
13	0900	97	1Ac, 1Sc	2	UNL	25 8	916.0	
	1500	75	3Sc	3	UNL	35 5	913.5	
	2100	84	2Sc	2	UNL	28 4	914.0	
14	0900	82	1Cs, 2Sc, 1Cu	4	UNL	33 3	913.5	
	1500	--	-----	--	---	-- -	-----	
	2100	87	4Ac	4	UNL	04 3	910.5	
15	0900	81	7Ci, 2Sc	9	UNL	25 4	911.1	
	1500	80	1Cs, 2Ac, 5Cu	8	UNL	23 8	909.1	
	2100	75	10As, 3Sc	10	UNL	08 6	910.2	
16	0900	97	2Cs, 2Sc	4	UNL	28 6	913.1	
	1500	75	6Cs, 1Ac, 2Cu	9	UNL	31 3	913.0	
	2100	67	10Cs, 1St	10	UNL	11 5	915.0	

TABLE I- A (con't)

BASE CAMP (LAKE KLUANE), METEOROLOGICAL DATA, YUKON TERRITORY, CANADA

Lat.: 61° 03' N

Long.: 138° 22' W

Elevation: 2,580 feet

Date: August, 1964

Date	Hour (Y.S.T.)	R.H. (%)	Cloud Amt. (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Speed (mph)	Station Pressure (mb)	24-Hour Precipitation (in.)
17	0900	93	3Cu, 1Sc	4	UNL	04	3	917.5	
	1500	68	2Cu	2	UNL	12	8	915.1	
	2100	79	1Ac	1	UNL	10	2	915.5	
18	0900	91	2Ci, 8As	10	UNL	01	2	911.3	
	1500	51	8As, 2Cu	9	UNL	10	6	908.9	
	2100	68	4Cs, 4As, 2Cu	10	UNL	06	6	909.2	
19	0900	70	2Ci, 1Cc, 5As	8	UNL	21	6	911.4	
	1500	69	4Ac, 4As	8	UNL	10	8	909.8	
	2100	73	1Cu	1	UNL	10	7	914.0	
20	0900	77	10As	10	UNL	16	4	919.5	
	1500	58	1Ci, 3Ac	3	UNL	26	3	918.5	
	2100	67	3Sc	3	UNL	09	6	921.1	
21	0900	77	4Ci, 4As	8	UNL	25	5	925.0	
	1500	62	1Ci, 5Cu, 1Sc	7	UNL	31	2	926.0	
	2100	80	7Sc	7	UNL	09	2	930.5	
22	0900	74	7Ci	7	UNL	05	2	934.6	
	1500	72	4Ci, 4Cs	8	UNL	24	7	932.0	
	2100	67	5As	5	UNL	03	2	929.7	
23	0900	76	2Cs, 4Ac	6	UNL	20	6	923.1	
	1500	--	-----	--	---	--	C	-----	
	2100	70	2Sc	2	UNL	08	3	913.6	
24	0900	76	10As, 1St	10	UNL	10	5	911.4	
	1500	--	-----	--	---	--	C	-----	
	2100	84	10Ns	10	10	33	7	907.3	0.09

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BASE CAMP (LAKE KLUANE), METEOROLOGICAL DATA, YUKON TERRITORY, CANADA

Date: August, 1964

Date	Hour (Y.S.T.)	R.H. (%)	Cloud Amt. (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Speed (mph)	Station Pressure (mb)	24-Hour Precipitation (in.)
25	0900	93	10Ns	10	30	03	6	910.2	0.19
	1500	82	7Cc, 2Sc	9	UNL	01	2	910.2	
	2100	90	6Sc	6	UNL	C	C	908.8	
26	0900	93	5St, 5Ns	10	UNL	C	C	904.4	0.03
	1500	93	5S5, 5Ns	10	20	36	7	905.5	0.08
Total									1.24
Season Total									3.42

SHELTER AIR TEMPERATURE (°F)
 BASE CAMP (LAKE KLUANE)
 YUKON TERRITORY, CANADA

Lat. : 61° 03' N

Long. : 138° 22' W

Elevation: 2,580 feet

Date: June, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1	----	----	49.8	52.8	50.2	53.1	51.0	40.0	----	----	----
2	37.0	40.2	47.0	51.2	52.0	52.3	48.3	45.8	46.7	53.0	36.8
3	46.1	45.9	46.3	46.9	48.5	48.1	48.8	40.7	46.4	50.0	39.6
4	37.0	47.2	52.0	58.6	63.5	52.5	54.1	49.7	51.8	65.2	36.7
5	43.3	49.6	54.2	60.0	57.0	55.2	47.8	41.3	51.1	62.1	41.2
6	39.8	43.7	48.5	57.4	63.0	55.9	46.7	48.2	50.4	63.6	39.8
7	46.9	51.0	58.0	64.8	64.1	69.9	55.3	54.7	58.8	70.2	46.8
8	48.3	52.7	61.6	69.8	72.2	71.7	62.0	51.4	61.0	74.6	45.3
9	45.1	52.9	57.9	60.1	60.7	59.4	53.7	50.8	55.1	61.1	44.9
10	46.1	50.0	58.0	64.4	63.8	60.4	54.3	48.0	55.6	67.0	45.1
11	45.7	45.2	51.2	57.3	60.9	60.1	55.7	45.1	52.7	62.3	44.8
12	44.1	49.1	54.5	64.0	69.6	61.9	59.9	50.7	56.7	69.7	42.1
13	44.0	50.1	58.0	62.7	63.3	64.1	51.4	50.5	55.5	67.1	43.2
14	44.4	48.3	53.9	59.8	62.7	58.6	53.0	47.1	53.1	63.5	44.2
15	42.0	44.9	51.0	59.9	60.7	60.9	56.0	48.4	53.0	61.8	40.1
16	44.3	45.8	52.2	61.0	65.9	66.7	59.3	57.9	56.6	68.0	43.3
17	51.7	51.9	55.3	55.9	56.0	56.6	51.4	45.7	53.1	59.8	45.8
18	42.4	48.0	51.8	58.3	61.2	58.9	53.7	49.3	53.0	63.2	41.9
19	46.9	47.4	52.8	60.0	60.9	58.0	49.9	43.2	52.8	62.4	43.2
20	43.2	43.6	44.5	45.6	50.0	50.1	45.0	42.8	45.6	51.9	42.2
21	41.2	41.0	43.4	45.3	47.1	46.6	44.3	43.2	44.0	47.1	40.7
22	42.0	42.1	46.0	49.0	51.1	48.8	46.7	45.4	46.4	51.9	41.8
23	44.8	45.7	48.3	52.6	54.2	53.9	50.1	48.1	49.7	55.9	44.2
24	46.3	44.5	52.1	56.1	60.3	57.2	50.0	47.2	57.1	60.4	44.4
25	43.0	46.2	53.1	61.2	49.8	44.1	43.2	41.8	47.8	64.7	41.8
26	42.0	44.1	48.2	53.4	55.4	43.8	49.4	46.0	49.0	55.8	41.1
27	43.3	45.2	50.0	54.3	51.7	50.6	46.1	44.0	48.2	55.3	43.3
28	43.1	46.0	50.3	56.5	59.1	59.2	50.3	47.1	51.4	61.9	43.0
29	39.6	45.7	49.0	55.3	60.3	59.9	52.0	46.9	51.1	61.1	39.6
30	44.6	45.3	52.0	57.1	56.7	52.8	48.4	45.1	50.3	57.9	44.3
31											
Mean	44.1	46.7	51.7	57.0	58.4	56.7	51.3	46.9	51.9	60.5	42.4

TABLE I-B (con't)

SHELTER AIR TEMPERATURE ($^{\circ}\text{F}$)
 BASE CAMP (LAKE KLUANE)
 YUKON TERRITORY, CANADA

Lat. : $61^{\circ} 03' \text{ N}$
 Long.: $138^{\circ} 22' \text{ W}$

Elevation: 2,580 feet

Date: July, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1	44.3	44.1	47.4	52.0	54.0	53.0	48.9	46.4	48.8	54.6	44.1
2	44.7	46.3	51.1	51.2	53.9	54.0	49.8	44.3	49.4	54.0	44.0
3	44.6	46.7	52.0	58.4	56.5	56.1	50.0	42.7	50.9	59.8	42.4
4	39.8	46.4	52.2	57.0	62.3	59.2	49.1	45.4	51.4	62.3	38.9
5	40.9	46.6	52.5	53.9	54.2	54.2	49.8	45.6	49.7	56.5	40.1
6	41.0	44.6	50.2	56.4	61.9	60.7	52.3	48.5	52.0	62.5	41.0
7	46.3	46.4	49.0	54.7	60.1	50.4	49.8	48.1	50.6	60.9	46.1
8	44.1	49.7	56.3	61.8	54.5	57.4	53.2	47.3	53.0	61.8	44.6
9	40.1	48.7	55.0	56.8	56.7	55.8	49.1	46.0	51.0	57.6	39.7
10	44.6	44.0	46.2	52.6	58.3	56.9	48.2	47.2	49.8	58.3	43.8
11	45.3	47.8	55.1	60.7	62.4	56.3	50.1	45.0	52.8	60.7	43.0
12	41.4	45.2	-----	-----	-----	56.9	52.4	50.6	-----	-----	41.3
13	48.5	45.7	51.2	52.2	52.5	56.5	55.0	53.1	51.8	58.7	45.7
14	49.9	47.8	50.9	57.1	57.7	54.0	50.1	49.3	52.1	66.0	47.8
15	41.6	45.0	54.0	59.2	62.4	56.8	55.9	47.1	52.8	62.7	40.7
16	43.6	48.7	55.0	63.5	66.3	69.7	60.5	55.2	57.8	70.1	42.2
17	44.5	52.9	60.1	66.6	73.1	68.3	62.2	52.4	52.1	73.5	44.0
18	43.8	50.7	57.6	64.2	70.0	65.8	57.0	48.3	58.2	70.2	43.3
19	46.7	47.6	51.5	55.6	54.3	53.9	49.8	48.0	50.9	56.1	46.5
20	47.9	47.2	49.0	52.4	56.2	54.1	54.5	46.4	51.2	56.4	46.4
21	39.7	47.0	51.3	58.2	63.4	63.3	57.8	47.9	53.6	65.2	39.2
22	43.1	51.5	55.9	62.7	65.3	63.8	55.1	50.9	56.0	66.9	43.1
23	47.6	48.3	50.6	54.8	60.7	59.1	49.8	42.6	50.6	61.0	42.6
24	38.4	46.3	52.1	56.3	60.4	54.9	50.0	40.0	49.8	61.9	38.1
25	40.5	44.4	47.6	49.5	54.1	54.3	51.8	48.7	48.9	55.0	39.6
26	46.5	47.7	53.0	58.1	63.9	63.0	56.3	51.1	55.0	64.0	45.9
27	52.0	50.5	52.2	58.8	51.3	50.1	49.7	48.4	51.6	58.5	48.4
28	47.8	48.3	53.0	57.5	60.3	61.2	57.4	52.3	54.7	62.1	47.5
29	47.0	52.7	58.0	63.8	69.7	69.0	60.0	55.6	59.5	70.3	46.1
30	52.8	51.6	53.2	58.3	55.9	54.0	52.4	51.6	53.7	59.6	51.3
31	50.9	50.4	51.3	52.5	54.7	54.1	53.1	51.7	52.3	55.0	50.1
Mean	44.8	47.7	51.9	57.7	59.6	58.0	52.9	48.3	52.4	61.4	43.8

SHELTER AIR TEMPERATURE (°F)
 BASE CAMP (LAKE KLUANE)
 YUKON TERRITORY, CANADA

Lat. : 61° 03' N
 Long.: 138° 22' W

Elevation: 2,580 feet

Date: August, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1	50.5	51.0	52.4	56.4	56.0	54.2	50.7	48.5	52.5	56.8	48.5
2	47.2	46.9	49.5	55.7	58.3	57.1	54.6	50.5	52.5	59.8	46.4
3	49.3	48.5	50.8	53.4	57.0	58.0	55.6	51.3	53.0	57.1	48.3
4	44.7	46.9	53.1	59.0	64.2	60.8	53.9	47.0	53.7	64.5	44.2
5	41.0	43.9	52.8	56.9	61.6	60.6	52.8	45.5	51.9	62.1	40.4
6	41.0	44.5	52.6	56.3	59.4	60.5	53.9	50.9	52.4	62.1	39.7
7	49.0	48.7	54.9	56.2	59.2	54.8	50.6	49.3	52.8	59.7	47.2
8	47.1	47.6	53.5	57.6	58.3	57.1	50.9	44.5	52.1	61.9	44.2
9	40.5	46.0	53.1	59.3	59.1	56.2	52.6	48.0	51.8	60.4	39.5
10	42.8	41.9	54.2	57.6	57.2	57.9	52.3	50.9	51.8	59.5	40.9
11	49.6	49.2	51.1	58.9	64.0	66.8	57.3	54.1	56.4	66.8	48.7
12	54.7	54.2	55.3	58.4	61.7	56.6	48.4	44.7	54.2	62.3	44.7
13	36.0	42.3	50.1	56.2	61.4	56.5	47.7	40.3	48.8	61.4	34.6
14	35.8	44.0	50.0	56.5	56.7	54.6	46.1	39.8	47.9	58.0	35.8
15	38.9	45.1	50.3	53.5	55.4	54.7	49.0	42.8	48.7	56.1	38.8
16	40.4	45.7	50.8	56.6	61.9	59.0	53.2	44.6	51.5	62.1	39.8
17	43.6	42.5	52.6	58.6	62.7	58.5	47.0	43.9	51.2	62.7	40.5
18	47.3	41.6	50.6	53.9	55.0	52.1	48.0	44.3	49.1	57.5	37.1
19	36.1	41.7	49.8	53.0	59.9	57.2	46.6	39.1	47.9	60.7	35.5
20	35.6	41.0	48.9	56.1	62.3	57.8	45.7	40.3	48.5	62.5	35.6
21	39.2	44.7	49.6	55.2	58.0	53.2	48.0	39.5	48.4	59.6	37.5
22	36.1	42.2	47.8	53.9	56.6	52.7	47.2	41.7	47.3	56.6	35.1
23	39.0	46.5	54.5	61.8	59.9	56.5	51.9	48.8	52.4	61.8	37.5
24	43.0	43.9	53.8	55.7	52.6	51.0	48.7	47.8	49.6	57.4	40.7
25	47.8	46.6	46.9	50.4	52.7	54.4	48.0	42.2	48.6	54.4	46.1
26	40.3	41.9	45.6	46.5	46.8	46.4	46.0	46.6	45.0	47.5	39.8
27	46.1	46.3	47.0	50.4	42.7	54.3	----	----	----	54.3	----
28											
29											
30											
31											
Mean	43.1	45.4	51.2	55.7	58.2	56.3	50.3	45.7	50.8	59.5	41.0

Summer

Mean 44.0 46.6 51.6 56.8 58.8 57.0 51.6 47.0 51.8 60.5 42.5
 2 June-26 August

TABLE I-C

DURATION OF SUNSHINE (HOURS)
 BASE CAMP (LAKE KLUANE), ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat. : 61° 03' N

Long.: 138° 22' W

Elevation: 2,580 feet

Date: June, 1964

Date	Yukon Standard Time											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0
2	0.0	0.0	0.0	0.2	0.7	0.0	0.0	0.2	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.1	0.0	0.0
4	0.0	0.0	0.0	0.2	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.8	0.7
6	0.0	0.0	0.0	0.0	1.0	0.5	0.2	0.2	0.5	0.5	0.8	0.9
7	0.0	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
8	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	0.0	0.0	0.0	0.3	0.5	0.6	0.7	0.5	0.7	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.3
12	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4
13	0.0	0.0	0.0	0.0	0.4	0.9	0.5	1.0	1.0	1.0	1.0	1.0
14	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.8	1.0	1.0	1.0	1.0
15	0.0	0.0	0.0	0.0	0.2	0.6	0.6	1.0	1.0	1.0	1.0	1.0
16	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.0	0.7	1.0	1.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
18	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.2	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.1	0.6	0.6	1.0	1.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3
23	0.0	0.0	0.0	0.0	0.0	0.1	0.4	1.0	0.1	0.2	0.1	0.5
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.6	1.0	0.6
25	0.0	0.0	0.0	0.0	0.0	0.1	1.0	1.0	0.9	0.5	1.0	1.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.0	0.4
27	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.7	1.0	0.7
28	0.0	0.0	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	0.8
29	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.3	1.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31												
Sum	0.0	0.0	0.0	1.1	7.4	7.3	11.2	12.9	16.1	15.7	18.4	18.0
Mean	0.00	0.00	0.00	0.04	0.25	0.30	0.37	0.43	0.54	0.52	0.61	0.60

June, 1964
(con't)

Yukon Standard Time												Sum
13	14	15	16	17	18	19	20	21	22	23	24	
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	13.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	6.1
1.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4
1.0	0.5	0.6	0.9	1.0	1.0	0.8	0.1	0.0	0.0	0.0	0.0	9.3
1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0.0	0.0	0.0	12.4
1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2	0.0	0.0	0.0	16.1
1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	14.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
0.7	0.8	0.8	0.6	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	3.7
1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.5	0.0	0.0	0.0	15.4
1.0	0.9	0.9	0.8	1.0	1.0	1.0	0.5	0.2	0.0	0.0	0.0	14.1
0.9	0.8	0.8	0.3	0.0	0.1	0.5	0.7	0.2	0.0	0.0	0.0	10.1
0.7	0.9	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0
1.0	0.9	0.6	0.5	0.7	1.0	0.1	0.0	0.0	0.0	0.0	0.0	9.0
0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	1.4
1.0	1.0	1.0	1.0	1.0	0.5	0.5	1.0	0.2	0.0	0.0	0.0	11.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	0.7	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
0.2	0.0	0.0	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
0.8	1.0	1.0	0.9	0.9	0.9	0.3	0.0	0.0	0.0	0.0	0.0	9.0
1.0	0.9	0.7	1.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	9.3
0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
0.3	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	11.2
1.0	0.8	0.7	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	9.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.7	18.0	16.6	17.3	15.2	11.7	10.1	7.7	3.0	0.0	0.0	0.0	226.4
0.62	0.60	0.55	0.58	0.50	0.39	0.34	0.26	0.10	0.00	0.00	0.00	7.54

TABLE I-C (con't)

DURATION OF SUNSHINE (HOURS)
 BASE CAMP (LAKE KLUANE), ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat. : 61° 03' N

Long. : 138° 22' W

Elevation: 2,580 feet

Date: July, 1964

Date	Yukon Standard Time											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
2	0.0	0.0	0.0	0.0	0.1	0.8	0.7	1.0	0.6	0.5	0.2	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.6	0.7	1.0	0.4
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	0.9	0.6
5	0.0	0.0	0.0	0.0	0.3	1.0	0.5	1.0	1.0	0.9	0.9	0.7
6	0.0	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	0.0	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.3	0.5	1.0	1.0	1.0
15	0.0	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
16	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
17	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
18	0.0	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
21	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.7	1.0	1.0	1.0	1.0
22	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.6	0.0	0.5	1.0	1.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.3	1.0	1.0	0.4	0.4	0.9	1.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.6	0.1	0.0	0.1
29	0.0	0.0	0.0	0.0	0.0	0.6	1.0	1.0	0.9	0.8	0.3	0.6
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sum	0.0	0.0	0.0	0.8	8.5	12.0	13.9	14.0	13.9	14.9	15.0	15.0
Mean	0.00	0.00	0.00	0.03	0.27	0.39	0.45	0.45	0.45	0.48	0.48	0.48

July, 1964
(con't)

Yukon Standard Time												Sum
13	14	15	16	17	18	19	20	21	22	23	24	
0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
0.8	0.7	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	9.0
1.0	0.8	0.9	0.8	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	11.4
1.0	1.0	1.0	1.0	1.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	13.9
0.2	0.9	0.5	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
0.7	0.5	0.2	0.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5
0.3	0.7	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	0.0	6.6
1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	12.5
1.0	1.0	1.0	0.4	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	6.7
0.0	0.1	0.5	1.0	0.2	0.2	0.6	0.3	0.0	0.0	0.0	0.0	2.9
1.0	1.0	0.4	0.2	0.5	0.9	0.7	0.0	0.0	0.0	0.0	0.0	9.3
0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	16.4
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	0.0	16.3
1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	15.4
0.0	0.0	0.1	1.0	1.0	1.0	1.0	0.2	0.0	0.0	0.0	0.0	4.3
0.4	0.1	0.9	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.1	0.0	0.0	0.0	0.0	14.5
1.0	1.0	0.5	0.7	0.9	1.0	0.9	0.1	0.0	0.0	0.0	0.0	12.2
0.0	0.0	0.3	1.0	1.0	1.0	0.9	0.7	0.0	0.0	0.0	0.0	5.2
0.2	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	4.7
0.0	0.0	0.0	0.1	0.3	0.6	0.3	0.0	0.0	0.0	0.0	0.0	1.3
1.0	1.0	1.0	0.8	1.0	0.9	0.5	0.6	0.0	0.0	0.0	0.0	11.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	0.2	0.1	0.3	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2.9
1.0	1.0	1.0	1.0	0.4	0.6	0.3	0.3	0.0	0.0	0.0	0.0	10.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.0	16.0	16.4	18.4	18.3	16.0	11.9	5.8	0.5	0.0	0.0	0.0	227.3
0.52	0.52	0.53	0.60	0.52	0.38	0.19	0.02	0.00	0.00	0.00	0.00	7.33

TABLE I-C (con't)

DURATION OF SUNSHINE (HOURS)
 BASE CAMP (LAKE KLUANE), ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat.: 61° 03' N

Long.: 138° 22' W

Elevation: 2,580 feet

Date: August, 1964

Date	Yukon Standard Time											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	0.0	0.0	0.0	0.0	0.4	0.2	0.3	0.8	0.1	0.0	0.2	0.9
6	0.0	0.0	0.0	0.0	0.3	1.0	1.0	1.0	0.5	1.0	0.4	0.2
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	0.0	0.0	0.4
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.0	1.0
9	0.0	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	1.0	0.9	0.9
11	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.9	1.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.0
13	0.0	0.0	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0
14	0.0	0.0	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
15	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.0	1.0	1.0	0.9	0.4
16	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.8	1.0	1.0	1.0	1.0
17	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.2	1.0	1.0	1.0	1.0
18	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.8	0.3	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.7	1.0	0.5	0.0	0.9	0.9	0.0
20	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.1	0.1	0.0	0.0	0.8
21	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.9	0.0	0.2	0.7
22	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.4	0.7	0.6	1.0	1.0
23	0.0	0.0	0.0	0.0	0.0	0.2	0.9	0.6	0.3	0.7	1.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.4	0.5
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27												
28												
29												
30												
31												
Sum	0.0	0.0	0.0	0.0	1.3	9.0	11.6	11.6	12.6	13.1	14.8	15.4
Mean	0.00	0.00	0.00	0.00	0.05	0.35	0.45	0.45	0.48	0.50	0.57	0.59
Total Sum	0.0	0.0	0.0	1.9	17.2	28.3	36.7	38.5	43.6	43.7	48.2	48.4
Total Mean	0.00	0.00	0.00	0.02	0.20	0.33	0.42	0.44	0.50	0.50	0.55	0.56

August, 1964
(con't)

Yukon Standard Time												Sum
13	14	15	16	17	18	19	20	21	22	23	24	
0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
0.5	0.3	0.2	1.0	0.8	1.0	0.7	0.0	0.0	0.0	0.0	0.0	4.5
0.1	0.6	0.1	0.2	0.0	0.4	1.0	0.5	0.0	0.0	0.0	0.0	2.9
1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	13.4
1.0	0.8	1.0	1.0	1.0	1.0	0.7	0.1	0.0	0.0	0.0	0.0	9.5
0.0	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5
0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
1.0	1.0	0.8	0.7	0.8	1.0	0.6	0.0	0.0	0.0	0.0	0.0	9.3
1.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3
0.2	0.5	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	5.1
1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	7.9
1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	8.6
1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	12.9
1.0	0.3	0.6	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	9.1
0.8	0.6	0.0	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	7.2
1.0	0.8	0.8	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	10.6
1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	0.0	0.0	11.6
0.0	0.2	0.9	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
0.0	0.8	1.0	0.4	0.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	8.2
1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	8.2
0.6	1.0	0.0	0.6	0.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	6.4
1.0	1.0	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6
0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
0.9	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
0.2	0.3	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.8	16.7	13.0	13.4	11.8	11.1	5.7	0.6	0.0	0.0	0.0	0.0	177.5
0.61	0.64	0.50	0.52	0.45	0.43	0.22	0.02	0.00	0.00	0.00	0.00	6.83
50.5	50.7	46.0	49.1	45.3	38.8	27.7	14.1	13.5	00.0	0.0	0.0	631.2
0.58	0.58	0.53	0.56	0.52	0.45	0.32	0.16	0.04	0.00	0.00	0.00	7.26

TABLE II-A

SHELTER AIR TEMPERATURE (°F)
DIVIDE STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 47' N
Long.: 139° 40' W

Elevation: 8,650 feet

Date: June, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1											
2											
3											
4											
5											
6											
7											
8											
9											
10	30.0	30.0	33.0	31.8	31.5	30.0	26.2	22.0	29.3	----	22.0
11	19.0	24.5	26.0	35.0	40.0	38.0	27.0	23.5	29.1	----	17.0
12	21.4	28.0	34.0	35.8	38.4	35.5	29.0	27.0	31.1	42.0	19.0
13	26.2	29.0	33.6	35.8	36.8	36.8	27.0	26.2	31.4	40.0	24.8
14	24.0	27.0	28.5	28.8	27.0	24.2	22.5	20.5	25.3	36.0	19.8
15	18.5	18.8	25.3	29.2	34.0	28.2	25.2	25.3	25.6	38.0	13.5
16	26.4	26.5	31.0	33.5	34.2	35.0	33.3	33.2	31.7	36.2	24.2
17	31.0	32.2	32.8	34.2	35.8	35.2	32.5	27.5	32.7	38.0	24.0
18	24.0	31.2*	34.2	33.4	34.5	35.2	30.8	30.5	31.7	37.2	22.0
19	25.0	24.0	25.2	26.1	26.0	23.5	19.0	18.5	23.4	37.0	18.5
20	19.0	21.9	23.8	25.0	24.5	23.9	22.0	21.5	22.7	28.0	19.0
21	21.0	22.0	23.1	24.8	25.5	23.5	21.0	22.3	22.9	26.0	19.0
22	22.0	24.0	24.8	27.7	28.0	28.2	24.8	23.0	25.3	28.5	21.2
23	22.0	21.0*	25.9	29.8	36.8	27.8	26.0	19.0	26.0	37.0	19.0
24	24.5	25.0	26.8	28.2	28.0	24.8	23.0	22.5	25.4	28.2	18.8
25	22.0	21.3	23.2	26.4	25.8	23.5	21.5	20.0	23.0	26.4	20.0
26	20.5	22.1	26.0	26.7	27.0	24.0	20.0	20.5	23.4	28.0	20.0
27	21.5	26.0	28.1	30.5	33.4	28.8	28.0	25.5	27.7	39.0	19.0
28	20.0	19.8	28.0	31.0	30.5	25.9	24.0	23.0	25.4	31.0	13.0
29	22.0	23.9	26.1	28.0	26.0	25.0	23.0	20.2	24.3	30.0	20.2
30	19.7	20.0	23.0	24.7	22.5	22.2	19.5	18.6	21.3	27.0	18.6
31											
Mean	22.8	24.7	27.7	29.8	30.8	28.5	25.0	23.3	26.6	33.3	19.7

* Taken from thermograph trace.

SHELTER AIR TEMPERATURE (°F)
DIVIDE STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 47' N
Long.: 139° 40' W

Elevation: 8,650 feet

Date: July, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1	19.5	19.7	25.0	23.3	22.0	21.8	19.8	19.5	21.3	26.0	18.2
2	19.6	21.3	24.0	25.7	25.0	23.0	21.8	23.0	22.9	27.0	19.3
3	20.5	22.2	24.1	26.7	26.2	24.5	22.2	20.3	23.3	26.7	20.1
4	20.5	22.7	24.1	26.3	27.0	25.2	18.5	10.0	21.8	27.0	10.0
5	13.6	15.0	31.3	31.0	27.6	22.5	20.9	18.5	22.6	31.3	9.8
6	9.5	18.6	22.0	25.5	30.0	28.0	25.2	24.0	22.9	34.0	5.8
7	25.0	25.0	27.0	29.8	29.4	30.5	28.1	26.2	27.6	32.0	24.0
8	24.0	24.4	24.7	26.0	30.0	25.0	21.3	22.0	24.7	32.0	21.3
9	21.2	21.8	32.1	31.0	33.0	29.0	24.9	24.6	27.2	33.0	19.3
10	22.1	21.8	23.0	24.1	25.8	22.7	19.8	20.2	22.4	26.0	19.7
11	20.0	21.0	24.0	26.2	26.2	24.2	21.8	21.0	23.1	27.3	19.1
12	20.5	22.8	28.0	28.3	28.3	27.6	25.3	25.8	25.8	20.0	20.2
13	25.2	26.0	29.5	33.8	38.0	33.0	29.0	27.9	30.3	44.0	22.9
14	23.7	23.6	31.0	37.5	47.0	35.9	29.2	29.8	32.2	47.8	22.3
15	22.0	22.5	36.0*	37.5	42.0	40.8	28.8	23.2	31.6	46.1	19.2
16	20.1	27.5	36.8	37.5	36.8	35.0	28.8	24.2	30.8	39.9	17.3
17	22.4	28.0	34.8	43.0	36.1	34.8	28.0	25.7	31.6	41.0	21.0
18	24.8	32.7	36.2	40.8	51.3	35.9	27.8	27.0	34.6	51.3	20.9
19	24.8	29.4	36.5	36.4	34.1	29.3	25.7	22.8	29.9	44.0	21.8
20	24.9	25.8	28.6	33.6	32.8	29.9	26.3	26.0	28.5	35.5	21.8
21	20.0	24.9	37.5	32.4	32.5	30.2	25.3	24.8	28.5	39.6	17.8
22	23.3	23.7	27.5	28.9	30.7	27.2	24.0	20.3	25.7	32.0	20.3
23	20.5	22.3	24.4	28.2	27.5	24.9	23.6	23.0	24.3	28.3	20.5
24	23.0	26.8	25.2	27.7	26.4	24.4	22.8	20.8	24.5	28.2	20.3
25	20.8	25.0	30.1	28.6	29.8	29.7	25.6	27.0	27.1	36.3	17.8
26	26.2	27.0	29.2	32.7	31.2	29.9	24.1	27.2	28.4	34.0	22.5
27	27.6	29.5	29.6	28.9	28.8	29.9	27.7	28.8	28.9	29.9	27.6
28	27.8	27.5	29.9	31.1	32.2	32.2	32.0	31.3	30.5	34.0	25.0
29	32.2	31.4	41.1	37.6	38.3	36.3	28.6	27.2	34.1	42.0	26.9
30	27.1	30.0	32.4	34.2	34.0	32.0	31.3	30.8	31.5	35.0	24.5
31	30.9	30.0	31.6	32.2	33.2	32.4	30.2	32.0	31.6	33.0	30.0
Mean	22.7	24.8	29.6	31.2	32.0	29.3	25.4	24.4	27.4	34.7	20.2

* Taken from thermograph trace.

TABLE II-A (con't)

SHELTER AIR TEMPERATURE (°F)
DIVIDE STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 47' N
Long.: 139° 40' W

Elevation: 8,650 feet

Date: August, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1	31.3	31.0	32.4	35.8	43.0	33.9	29.6	30.6	33.5	43.0	29.6
2	29.4	30.2	33.9	33.7	34.4	31.2	29.0	29.8	31.5	34.4	28.8
3	29.6	29.8	30.9	32.9	39.6	33.5	21.8	21.5	30.0	40.0	21.5
4	18.0	22.0	26.2	29.8	28.0	23.5	22.0	21.0	23.8	31.0	12.0
5	18.0	20.0	29.1	28.8	28.2	28.0	22.5	19.5	24.3	34.0	13.0
6	19.0	22.7	28.1	31.4	31.8	30.5	20.9	21.0	25.7	32.0	17.0
7	22.1	20.5	25.7	34.7	33.2	28.5	23.8	23.0	26.4	42.0	18.7
8	23.0	24.9	29.0	36.5	30.7	28.6	21.0	20.0	26.7	43.0	17.6
9	15.5	18.6	28.6	29.0	29.0	26.0	24.2	23.3	24.3	31.2	12.2
10	23.0	24.1	29.3	30.5	30.0	28.0	27.0	26.7	27.3	32.3	22.4
11	26.3	29.0	31.0	36.3	30.8	32.6	28.0	29.2	27.9	36.3	26.0
12	30.1	29.7	27.9	26.9	25.1	22.0	20.2	20.0	25.2	31.5	20.0
13	19.7	19.8	21.8	25.5	25.4	21.6	21.2	21.3	22.0	30.8	18.8
14	21.4	18.0	23.3	29.1	30.1	26.3	21.1	17.8	23.4	30.3	14.2
15	17.5	17.7	23.9	27.1	28.2	25.6	21.9	22.3	23.0	30.0	15.3
16	21.7	20.8	25.0	30.0	30.5	26.9	24.1	23.3	25.3	40.0	14.8
17	22.8	14.5	22.5	31.9		end of season				----	----
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Mean	22.9	23.7	27.9	31.1	31.1	27.9	23.6	23.1	26.3	35.1	18.9

Summer

Total 22.8 24.5 28.6 30.7 31.4 28.7 24.9 23.8 26.9 34.4 19.7

Mean

10 June-17 August

SHELTER AIR TEMPERATURE (°F)
CACHE-DIVIDE, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 46' N

Long.: 139° 42' W

Elevation: 8,774 feet

Date: June, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12							30.0	29.5	----	----	----
13	25.6	29.8	33.1	33.2	33.8	33.4	29.5	25.8	30.5	34.0	25.6
14	24.4	26.5	31.2	33.3	31.4	26.4	23.3	20.6	27.1	37.8	20.6
15	20.8	19.7	23.8	28.2	31.8	28.2	25.3	26.2	25.5	37.0	17.3
16	27.2	26.8	30.1	32.2	33.2	33.5	33.8	34.2	31.4	35.1	25.8
17	32.8	33.2	34.3	33.8	33.5	33.5	30.4	29.8	32.7	33.8	29.8
18	30.0	31.5	33.4	32.8	33.2	33.7	32.7	31.5	32.4	34.2	28.0
19	28.2	24.3	25.0	29.1	30.0	22.4	19.8	20.0	24.9	30.0	19.8
20	20.4	22.2	24.0	23.5	24.0	23.0	23.2	22.5	22.9	24.8	20.0
21	21.8	22.3	24.2	24.8	24.6	23.4	22.1	23.7	23.4	25.5	21.6
22	22.8	24.6	25.4	27.2	28.2	26.8	25.8	24.0	25.6	31.8	22.8
23	23.8	22.0	25.6	27.9	31.6	28.8	27.0	25.1	26.5	33.8	22.0
24	25.4	26.1	27.3	29.4	27.3	25.6	23.7	24.5	26.2	29.4	23.0
25	23.9	22.6	24.8	26.2	25.0	24.9	22.9	22.0	24.0	26.8	21.8
26	22.0	22.9	26.0	26.4	26.0	24.7	22.0	23.8	24.2	26.4	21.8
27	24.0	25.6	28.5	29.4	30.3	29.2	28.0	26.8	27.7	31.2	23.0
28	25.3	25.0	28.7	29.7	28.8	28.0	25.5	25.0	27.0	30.2	25.0
29	23.8	25.0	26.2	27.8	26.5	25.4	24.1	22.1	25.1	28.1	22.1
30	22.8	23.0	23.8	24.2	23.1	22.5	21.8	21.9	22.9	28.3	21.5
31											
Mean	24.7	25.2	27.5	28.8	29.0	27.4	25.8	25.2	26.7	31.0	22.9

TABLE II-B (con't)

SHELTER AIR TEMPERATURE (°F)
CACHE-DIVIDE, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 46' N
Long.: 139° 42' W

Elevation: 8,774 feet

Date: July, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1	21.5	21.1	26.2	24.6	24.8	22.1	21.8	21.8	23.0	26.2	20.8
2	22.0	23.6	28.7	25.7	26.3	25.1	23.8	24.2	24.9	29.0	21.6
3	23.8	25.0	25.3	27.9	24.5	23.0	22.1	20.6	24.0	29.2	20.6
4	19.3	22.9	23.7	25.1	26.2	24.9	20.8	19.2	22.8	29.9	17.2
5	18.6	22.7	26.5	29.9	27.0	22.8	20.7	17.0	23.2	32.5	17.0
6	16.0	19.5	27.2	31.3	28.2	26.5	24.8	24.7	24.8	34.4	14.9
7	25.0	24.7	25.9	29.0	28.8	29.3	28.7	25.4	27.1	30.0	23.1
8	22.8	23.1	23.4	26.1	26.1	23.0	21.8	22.1	23.6	30.0	21.8
9	19.7	21.2	27.0	28.8	29.0	27.6	25.0	25.0	25.4	30.9	19.7
10	22.5	21.8	22.1	23.2	22.8	21.5	19.8	20.0	21.7	23.2	19.8
11	20.0	22.0	24.5	24.8	23.8	21.8	19.5	18.7	21.9	24.8	18.7
12	18.2	20.0	24.1	25.0	24.4	23.5	22.8	22.8	22.6	26.5	18.2
13	22.8	25.2	26.1	28.8	29.2	29.0	24.8	23.5	26.2	34.8	22.8
14	22.5	23.7	28.1	31.0	35.4	34.0	25.0	25.8	28.2	39.6	21.2
15	23.2	28.5	29.4	31.3	34.4	34.1	24.2	23.1	28.5	41.0	22.8
16	21.8	26.9	34.2	34.4	34.0	32.1	27.8	25.6	29.6	38.0	20.8
17	24.2	25.8	31.4	38.2	34.6	32.8	30.2	31.3	31.1	45.6	24.2
18	29.0	30.3	34.2	37.3	39.5	33.7	31.0	28.1	32.9	46.2	26.4
19	28.8	30.7	33.5	30.2	31.1	29.4	27.2	23.8	29.3	39.4	22.7
20	21.8	27.3	28.0	31.9	31.9	30.0	26.8	27.1	28.1	31.9	21.8
21	23.1	27.0	30.5	32.8	35.1	30.5	28.2	27.0	29.3	36.7	22.0
22	25.0	25.2	29.1	31.2	27.8	27.0	24.1	22.9	26.5	32.0	22.9
23	23.1	22.1	24.8	26.9	27.5	25.6	24.3	24.2	24.8	29.0	22.0
24	24.1	24.8	26.7	25.2	24.2	24.5	22.1	22.1	24.2	29.8	22.1
25	20.8	24.7	34.1	28.0	29.1	29.8	24.1	25.5	27.0	34.1	20.0
26	25.9	25.7	28.1	30.1	30.8	29.0	25.5	26.1	27.7	30.8	23.5
27	27.8	28.9	29.0	28.3	28.8	28.8	28.2	28.3	28.5	29.7	25.5
28	27.8	26.6	30.0	32.1	32.1	32.5	32.3	32.1	30.7	32.5	26.6
29	32.1	31.8	33.0	39.9	37.8	36.2	32.0	30.8	34.2	42.5	30.8
30	29.9	30.2	32.1	32.3	33.1	32.2	32.0	31.7	31.6	33.8	29.9
31	31.2	31.0	31.3	31.0	32.1	30.6	31.8	31.3	31.3	32.1	30.0
Mean	23.7	25.3	28.3	29.8	29.7	28.2	25.6	24.9	26.9	33.1	22.3

TABLE II-B (con't)

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SHELTER AIR TEMPERATURE (°F)
CACHE-DIVIDE, ST ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 46' N
Long.: 139° 42' W

Elevation: 8,774 feet

Date: August, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1	30.7	32.0	33.2	35.6	33.8	30.0	30.8	30.0	32.0	39.9	30.0
2	29.9	31.2	31.1	32.4	31.8	29.0	30.0	29.2	30.6	32.4	28.8
3	29.2	29.0	30.2	33.7	35.1	31.8	26.5	25.4	30.1	37.2	25.4
4	25.2	24.6	26.9	28.2	29.0	26.0	23.1	20.0	25.3	29.1	20.0
5	18.2	20.4	28.3	30.7	30.0	26.2	24.2	23.1	25.1	35.0	18.2
6	22.0	25.8	29.9	30.0	29.1	32.0	22.1	23.7	26.8	36.3	21.1
7	25.1	23.6	29.0	33.4	33.8	28.9	25.9	25.0	28.1	37.2	21.2
8	24.6	25.2	28.5	37.8	31.0	29.9	25.7	24.5	28.4	37.8	22.1
9	24.9	26.8	33.2	32.6	29.8	25.6	24.8	22.5	27.5	38.5	22.8
10	23.8	24.0	27.5	30.1	28.6	27.7	27.1	27.0	27.0	30.1	22.2
11	26.9	28.0	34.2	32.9	31.8	32.0	27.2	30.1	30.4	34.2	26.4
12	30.6	29.9	28.1	27.0	25.1	23.0	21.4	20.7	25.7	30.6	20.7
13	20.4	20.3	22.0	29.2	32.2	24.9	21.3	21.0	23.9	32.2	19.7
14	21.8	19.5	23.5	27.0	28.1	25.0	22.2	19.2	23.3	28.1	17.8
15	20.2	19.2	23.1	26.8	26.2	27.0	24.8	24.6	24.0	28.0	18.0
16	22.1	20.3	27.8								
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Mean	24.7	25.0	28.5	31.2	30.4	27.9	25.1	24.4	27.2	33.8	22.3

Summer

Mean 24.2 25.2 28.2 29.4 29.7 27.9 25.6 24.9 26.9 32.7 22.5
12 June-16 August

TABLE II-C

SHELTER AIR TEMPERATURE (°F)
CAIRN B-DIVIDE, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 46' N
Long.: 139° 38' W

Elevation: 8,994 feet

Date: July, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15			39.8	40.1	40.4	38.3	31.6	32.2	----	----	----
16	31.3	36.1	42.0	37.1	36.8	34.7	32.5	32.8	35.4	49.2	30.2
17	32.0	34.2	36.6	40.8	40.0	33.9	29.9	32.0	34.9	42.7	29.5
18	34.1	37.4	38.3	43.6	52.8	34.4	31.8	30.4	37.9	55.2	30.0
19	29.7	35.0	39.8	32.1	32.8	30.0	28.5	25.1	31.6	47.3	25.1
20	27.6	26.2	28.0	32.0	----	31.0	29.2	26.6	----	34.0	24.2
21	25.8	30.4	33.5	32.4	31.2	31.6	27.2	26.2	29.8	34.6	24.3
22	25.7	25.8	29.5	31.0	29.7	25.8	23.5	22.0	26.6	33.1	22.0
23	21.7	22.0	27.2	26.2	28.1	26.0	23.8	23.6	24.8	30.1	21.2
24	22.7	23.8	27.4	27.9	28.2	34.1	22.4	22.2	26.1	31.2	22.0
25	22.2	25.1	29.0	29.4	30.8	29.6	27.7	29.1	27.9	33.0	21.8
26	27.6	29.3	30.0	33.8	32.2	31.0	29.7	29.2	30.4	33.8	25.6
27	28.3	29.2	30.0	28.9	29.1	29.1	29.0	29.0	29.1	30.0	26.3
28	27.8	27.9	30.9	33.7	33.5	33.2	33.2	33.0	31.7	33.7	27.8
29	33.1	32.8	35.4	42.6	38.5	35.6	31.6	30.8	35.1	47.8	30.0
30	31.8	32.5	33.0	33.9	33.8	32.3	32.0	31.8	32.6	36.5	29.9
31	30.3	30.5	30.1	31.7	32.2	32.0	31.5	31.5	31.2	32.2	30.0
Mean	28.2	29.9	33.0	34.0	34.4	31.9	29.1	28.7	31.0	37.8	26.2

SHELTER AIR TEMPERATURE (°F)
CAIRN B-DIVIDE, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 46' N
Long.: 139° 38' W

Elevation: 8,994 feet

Date: August, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1											
2	30.8	31.5	33.7	36.2	35.0	34.2	30.8	31.6	33.0	40.0	30.0
3	30.5	30.9	31.0	33.1	36.1	32.5	31.1	30.3	31.9	36.3	30.0
4	30.0	30.2	30.8	35.2	40.0	33.6	28.4	28.1	32.0	41.8	27.8
5	27.9	25.2	28.0	29.8	33.2	26.2	22.8	21.2	26.8	36.1	21.2
6	20.1	21.7	25.8	29.0	28.4	26.0	23.7	22.3	24.6	29.1	18.5
7	22.4	29.0	30.5	24.2	23.8	22.3	18.8	18.3	23.7	34.1	17.9
8	18.8	18.2	24.0	32.4	27.1	21.2	17.9	18.1	22.2	32.8	15.9
9	17.7	18.8	23.4	39.1	24.4	21.8	16.3	19.0	22.6	39.1	16.3
10	18.7	23.9	23.0	20.2	21.5	19.8	18.4	18.1	20.5	29.1	18.1
11	17.9	21.0	23.6	25.8	23.8	22.2	21.3	21.8	22.2	27.2	17.9
12	21.4	24.0	26.2	27.8	27.2	25.8	24.1	24.0	25.1	29.0	21.2
13	24.1	24.0	20.8	21.7	18.0	16.1	15.0	14.2	19.2	24.8	14.2
14	14.3	13.8	-----	-----	16.8	16.2	16.0	16.0	-----	-----	-----
15	13.7	18.4	21.0	22.1	22.0	18.1	16.1	15.7	18.4	22.4	13.7
16	15.1	15.9	20.0	21.2	-----	-----	-----	-----	-----	-----	-----
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Mean	21.6	23.1	25.8	28.4	27.0	24.0	21.5	21.3	24.8	32.4	20.2
Summer Mean 15 July-15 August	25.0	26.6	29.8	31.5	30.5	28.3	25.7	25.4	28.1	35.4	23.5

TABLE II-D

PRECIPITATION
DIVIDE STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: June, 1964

YST	03			06			09			12			15		
Date	Rain		Snow	Rain		Snow	Rain		Snow	Rain		Snow	Rain		Snow
	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.
1															
2															
3															
4															
5															
6															
7															
8															
9															
10			1.3						T			T			
11												T			T
12															
13															
14			T			1.0			T						
15															
16															
17			2.0			T						1.2			
18												0.5			0.1
19			1.0			T									T
20			0.6			0.3			2.8			3.6			
21			2.0			0.5			1.3			T			1.3
22			T									T			
23			1.0						8.4			0.1			1.0
24			2.0									0.1			0.1
25			T									0.5			T
26			T						T			T			T
27															
28						T									
29			T			T			T			T			T
30			T			1.0			0.5			0.5			0.3
31															
Sum			9.9			2.8			13.0			6.5			2.8

June, 1964
(con't)

YST	18			21			24			Total		
Date	Rain	Snow		Rain	Snow		Rain	Snow		Rain	Snow	
	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												1.3
11												T
12												
13												
14												1.0
15												
16									T			T
17												3.2
18									T			0.6
19												1.0
20			T			2.5			2.0			11.8
21			1.0			2.0			1.9			10.0
22			T			0.1			2.0			2.1
23			T			1.3			3.8			15.6
24												2.2
25			T			0.6			T			1.1
26												T
27						T			0.3			0.3
28												T
29			T						T			T
30			0.3			T			T			2.6
31												
Sum			1.3			6.5			10.0			52.8

PRECIPITATION
DIVIDE STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: July, 1964

YST	03			06			09			12			15		
Date	Rain		Snow	Rain		Snow	Rain		Snow	Rain		Snow	Rain		Snow
	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.
1			T			T			T			T			T
2															T
3			T			T			T			T			
4															0.3
5															
6															
7			T			T			T			T			T
8			0.5												T
9															
10			0.3			0.3			0.3			0.6			T
11			T			T			T			T			
12									T						
13						T			T			T			
14															
15															
16															
17															
18															
19															
20															
21															
22															
23			0.6			T			T			T			T
24															
25						T			0.3			0.4			T
26						T									
27															
28			0.2												
29															
30															
31			T			T			T			0.2			3.6
Sum			1.6			0.3			0.6			1.2			3.9

July, 1964
(con't)

YST	18			21			24			Total		
Date	Rain in.	mm.	Snow cm.	Rain in.	mm.	Snow cm.	Rain in.	mm.	Snow cm.	Rain in.	mm.	Snow cm.
1			0.1									0.1
2						1.0			0.6			1.6
3									0.1			0.1
4												0.3
5												
6									T			T
7									2.0			2.0
8			T			0.1			T			0.6
9			T			2.5			1.3			3.8
10			T			T			T			1.5
11												T
12						T			1.0			1.0
13												T
14												
15												
16												
17												
18												
19												
20												
21												
22			T			0.3			0.5			0.8
23			T			T			0.1			0.8
24												
25			5.1			0.6			T			6.4
26												T
27												
28												0.2
29												
30												
31			4.0			T			0.6			8.4
Sum			9.2			4.5			6.2			27.5

TABLE II-D (con't)

PRECIPITATION
DIVIDE STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: August, 1964

YST	03			06			09			12			15		
Date	Rain		Snow	Rain		Snow	Rain		Snow	Rain		Snow	Rain		Snow
	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.
1			0.6			2.6			T						T
2			T			T									
3			T			T						T			
4												T			
5															
6												T			T
7															
8						T									
9															T
10									2.1			T			T
11			T			0.5						0.1			
12			T			0.5			1.6			1.0			T
13															
14															
15															
16															
17			3.0												
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
Sum			3.6			3.6			3.7			1.1			T
Summer Total			15.1			6.7			17.3			8.8			6.7

10 June-17 August

August, 1964
(con't)

YST	18			21			24			Total		
Date	Rain		Snow	Rain		Snow	Rain		Snow	Rain		Snow
	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.
1									T			3.2
2									T			T
3												T
4												T
5												
6												T
7												
8												T
9						0.4			T			0.4
10									T			2.1
11												0.6
12												3.1
13									T			T
14												
15									0.5			0.5
16									0.2			0.2
17												3.0
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Sum			T			0.4			0.7			13.1
Summer Total			10.5			11.4			16.9			93.4

10 June-17 August

Lat. : 60° 47' N
Long.: 139° 40' W

Date: June, 1964

[illegible]

WIND DIRECTION (36-pt. Compass), 200 CM.
 DIVIDE STATION, ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: July, 1964

Date	Yukon Standard Time								Prevailing Directions
	03	06	09	12	15	18	21	24	
1	12	12	15	12	16	11	14	11	SE
2	11	12	15	12	12	15	12	15	SE
3	15	11	10	13	12	12	11	13	SE
4	C	10	06	13	13	21	11	C	SE
5	C	C	C	C	25	20	C	C	SW
6	C	C	C	C	C	05	06	05	NE
7	02	01	35	02	03	C	03	06	N
8	12	10	09	06	C	14	15	16	SE
9	13	10	C	03	08	06	22	26	E
10	24	24	26	32	20	23	19	18	SW
11	15	16	13	12	13	22	26	23	SE
12	C	C	C	20	20	22	25	C	SW
13	C	C	05	36	C	02	36	05	N
14	C	C	C	C	C	C	C	12	SE
15	C	C	C	C	C	C	02	C	N
16	C	C	C	C	26	25	C	C	W
17	C	C	C	C	24	25	23	C	SW
18	C	C	03	C	C	24	15	C	SE
19	C	C	C	06	C	18	C	12	SE
20	08	36	02	04	C	C	C	C	NE
21	C	C	C	C	C	24	16	19	S
22	24	21	21	24	25	25	25	15	SW
23	15	10	10	10	14	18	09	14	E
24	14	25	25	13	16	23	23	24	SW
25	C	C	C	03	08	C	C	C	NE
26	08	06	06	05	06	04	06	04	NE
27	04	05	03	06	05	06	07	05	NE
28	04	09	05	C	07	08	07	C	E
29	C	23	C	01	23	24	C	24	SW
30	C	23	08	07	09	04	04	04	NE
31	04	06	03	08	07	08	08	01	E

TABLE II-F

WIND VELOCITY (m.p.h.), 200 CM.
DIVIDE STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: June, 1964

Date	Yukon Standard Time								Mean	Date
	03	06	09	12	15	18	21	24		
1										1
2										2
3										3
4										4
5										5
6										6
7										7
8										8
9										9
10	15	10	14	15	16	11	10	C	10.6	10
11	C	C	5	3	C	C	C	2	1.3	11
12	3	2	4	2	2	C	2	C	1.9	12
13	5	6	8	6	3	C	C	3	3.9	13
14	C	2	7	8	8	7	2	3	4.6	14
15	6	4	2	2	C	2	4	4	3.0	15
16	9	9	8	8	8	2	10	15	8.6	16
17	10	14	10	6	2	C	C	C	5.3	17
18	C	--	6	5	5	4	4	2	3.3	18
19	19	8	8	9	8	13	15	10	11.3	19
20	12	8	8	10	12	12	10	10	10.3	20
21	10	13	13	13	13	9	C	3	9.3	21
22	8	14	12	11	11	12	4	11	10.4	22
23	5	--	5	3	C	4	C	C	2.1	23
24	2	7	12	13	12	14	14	10	10.5	24
25	12	20	16	13	12	15	10	6	13.0	25
26	8	6	8	8	12	13	C	C	6.9	26
27	C	5	6	5	C	C	C	C	2.0	27
28	C	C	4	7	8	10	12	8	6.1	28
29	5	5	8	10	9	12	16	6	8.9	29
30	5	3	5	6	17	8	10	11	8.1	30
31										31
Mean	6.4	6.5	8.0	7.8	7.5	7.0	5.9	5.0	6.7	

TABLE II-F (con't)

WIND VELOCITY (m.p.h.), 200 CM.
DIVIDE STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 47' N
Long.: 139° 40' W

Elevation: 8,650 feet

Date: July, 1964

Date	Yukon Standard Time								Mean	Date
	03	06	09	12	15	18	21	24		
1	9	15	8	13	18	12	8	7	11.3	1
2	7	10	8	8	12	15	11	15	10.6	2
3	14	10	8	12	10	8	8	7	9.6	3
4	C	3	7	6	7	3	2	C	3.5	4
5	C	C	C	C	3	5	C	C	1.0	5
6	C	C	C	C	C	2	12	13	3.4	6
7	15	11	8	10	8	C	5	12	8.6	7
8	14	13	8	4	C	16	5	9	8.6	8
9	16	7	C	10	5	3	4	6	6.4	9
10	11	12	15	16	11	13	10	10	12.3	10
11	7	9	8	9	6	8	5	5	7.1	11
12	C	C	C	5	10	7	5	C	3.4	12
13	C	C	8	9	C	12	8	3	5.0	13
14	C	C	C	C	C	C	C	8	1.0	14
15	C	C	C	C	C	C	7	C	0.9	15
16	C	C	C	C	2	5	C	C	0.9	16
17	C	C	C	C	5	5	7	C	2.1	17
18	C	C	2	C	C	2	2	C	0.8	18
19	C	C	C	3	C	3	C	2	1.0	19
20	6	5	5	4	C	C	C	C	2.5	20
21	C	C	C	C	C	6	4	6	2.0	21
22	5	3	5	2	5	9	10	10	6.1	22
23	9	9	7	7	9	11	5	9	8.3	23
24	9	9	9	7	9	8	8	5	8.0	24
25	C	C	C	8	7	C	C	2	2.1	25
26	4	8	12	6	6	7	6	11	7.5	26
27	13	16	19	20	15	12	10	14	14.9	27
28	15	6	10	C	8	6	3	C	6.0	28
29	C	4	C	3	4	4	C	6	2.6	29
30	C	2	6	7	7	7	9	8	5.8	30
31	6	12	8	10	8	5	6	11	8.3	31
Mean	5.2	5.3	5.2	5.8	5.6	6.3	5.2	5.8	5.5	

WIND VELOCITY (m.p.h.), 200 CM.
DIVIDE STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: August, 1964

Date	Yukon Standard Time								Mean	Date
	03	06	09	12	15	18	21	24		
1	2	5	6	2	C	C	C	4	2.4	1
2	4	3	7	6	6	3	C	C	3.6	2
3	2	C	4	2	C	2	C	C	1.0	3
4	2	C	6	9	8	8	C	3	4.5	4
5	C	C	C	5	7	6	3	6	3.4	5
6	3	C	2	4	10	2	2	C	2.9	6
7	2	5	3	2	4	5	C	4	3.1	7
8	C	2	4	C	7	6	C	C	2.4	8
9	3	4	4	9	7	9	8	6	6.3	9
10	4	4	3	5	8	7	12	11	6.8	10
11	9	C	11	7	9	12	8	6	7.8	11
12	4	8	15	11	8	18	14	4	10.3	12
13	2	4	7	9	7	7	5	5	5.8	13
14	C	C	C	7	4	3	5	4	2.9	14
15	6	6	8	7	5	C	3	C	4.4	15
16	C	C	C	2	2	C	C	C	0.5	16
17	C	C	5	C	--	--	--	--	----	17
18										18
19										19
20										20
21										21
22										22
23										23
24										24
25										25
26										26
27										27
28										28
29										29
30										30
31										31
Mean	2.7	2.6	5.0	5.4	5.8	5.5	3.8	3.3	4.3	

Summer

Mean 4.9 5.0 6.0 6.3 6.2 6.3 5.1 5.0 5.6

10 June-17 August

TABLE II-G

PRESSURE (700+ mb.)
 DIVIDE STATION, ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: June, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13	41.1	41.0	41.0	40.5	39.7	39.4	39.3	39.3	40.2
14	39.1	39.5	38.8	39.1	40.4	39.8	39.5	40.3	39.6
15	41.2	40.4	39.9	40.4	40.4	40.6	40.7	41.2	40.6
16	41.7	41.7	40.6	41.4	41.5	39.9	40.0	39.3	40.8
17	39.5	39.3	39.3	40.2	40.2	39.5	40.1	40.1	39.8
18	39.4	39.0*	38.5	38.6	38.4	37.8	37.5	36.9	38.3
19	36.9	37.9	37.6	38.1	38.7	38.7	39.6	39.1	38.3
20	39.2	38.6	38.9	39.3	40.1	39.5	39.6	39.5	39.3
21	39.5	38.6	38.6	38.8	38.7	38.3	38.0	37.5	38.5
22	37.0	35.8	36.1	36.5	36.5	36.7	36.7	36.7	36.5
23	36.7	36.9*	37.2	38.3	38.7	38.9	39.4	40.0	38.3
24	40.3	40.0	40.9	41.1	41.0	40.4	40.6	41.0	40.7
25	40.8	39.8	39.5	40.2	40.7	41.1	41.0	41.1	40.5
26	41.1	39.8	40.2	40.3	40.3	39.9	39.9	40.1	40.2
27	40.1	40.4	40.5	41.0	41.6	42.1	41.6	42.2	41.2
28	42.2	40.7	41.3	43.2	41.9	42.1	42.2	41.4	41.9
29	41.5	40.3	40.7	41.5	42.0	42.6	42.3	41.2	41.5
30	40.4	41.1	41.6	40.4	40.5	40.2	39.6	37.9	40.2
31									
Mean	39.9	39.5	39.5	39.9	40.0	39.9	39.9	39.2	39.8

* Estimated values

PRESSURE (700+ mb.)
 DIVIDE STATION, ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: July, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1	37.1	37.2	37.1	37.7	37.5	38.0	37.8	36.6	37.4
2	36.6	36.5	36.6	37.1	36.7	36.7	37.4	37.4	36.9
3	36.7	36.6	37.4	37.6	38.3	38.2	38.0	37.6	37.6
4	37.2	37.1	36.6	36.7	36.7	36.5	35.8	35.5	36.5
5	35.0	34.6	35.1	35.5	36.5	35.7	36.0	36.1	35.6
6	37.2	36.0	36.4	37.1	37.3	37.9	38.2	38.5	37.3
7	38.3	38.3	38.7	38.8	39.3	38.9	38.7	38.0	38.6
8	38.2	37.2	37.3	37.4	37.6	38.2	38.3	38.1	37.8
9	38.5	38.4	37.6	38.4	38.4	38.2	37.9	36.9	38.0
10	36.9	36.7	35.6	35.5	35.5	36.0	36.1	38.1	36.3
11	38.3	38.5	39.3	40.8	41.1	41.3	41.0	41.6	40.2
12	41.6	41.2	42.6	42.9	43.8	44.8	45.1	45.3	43.4
13	45.0	44.9	45.0	45.7	45.7	45.0	45.7	46.0	45.4
14	44.7	44.7	44.4	43.6	42.2	41.6	41.5	40.2	42.9
15	39.6	39.4	39.5*	39.7	40.2	40.0	41.9	42.4	40.3
16	41.9	43.0	44.2	44.7	45.1	45.0	44.7	43.8	44.1
17	43.6	43.0	41.6	42.2	41.1	41.2	40.4	39.8	41.6
18	40.0	40.1	40.1	40.7	41.4	42.0	41.4	42.1	41.0
19	41.8	41.6	42.0	41.4	42.2	41.8	42.6	42.6	42.0
20	42.4	42.1	41.9	41.2	41.2	40.7	39.7	39.3	41.1
21	39.2	39.7	39.2	40.2	41.6	40.2	40.6	38.9	40.6
22	38.6	39.3	39.1	39.0	38.8	39.7	38.8	39.1	39.1
23	39.7	39.4	41.2	41.3	42.1	43.8	43.1	44.4	41.9
24	44.7	44.2	44.9	46.8	46.9	46.4	45.8	45.6	45.7
25	45.7	44.9	45.3	46.1	46.4	46.7	46.8	47.6	46.2
26	47.7	47.4	47.0	47.6	47.2	47.7	47.4	46.3	47.3
27	46.0	43.5	42.5	41.5	41.0	40.2	40.3	39.9	41.9
28	39.3	40.0	40.3	41.1	41.5	41.6	41.8	43.6	41.2
29	42.4	42.0	42.5	43.4	43.0	42.9	41.4	40.7*	42.3
30	39.7	38.5	38.3	38.6	38.7	39.3	39.3	38.4	38.7
31	38.6	37.9	37.7	37.3	37.5	37.1	36.8	36.8	37.5
Mean	40.4	40.1	40.3	40.6	40.8	40.8	40.6	40.6	40.5

* Estimated values

TABLE II-G (con't)

PRESSURE (700+ mb.)
 DIVIDE STATION, ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: August, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1	36.3	36.1	36.4	37.6	37.9	38.6	38.6	39.6	37.6
2	39.5	40.4	40.4	41.9	42.8	43.5	43.5	43.8	42.0
3	43.5	42.5	42.5	43.1	42.3	41.5	41.0	40.5	42.1
4	39.6	39.3	39.3	40.3	41.1	42.0	42.7	43.3	41.0
5	42.7	42.7	44.5	46.5	46.9	48.0	47.2	48.2	45.8
6	47.5	46.5	46.5	45.7	45.5	43.9	43.0	41.6	45.0
7	41.2	40.4	39.7	39.0	39.5	39.0	39.5	39.5	39.7
8	38.9	38.9	39.4	39.8	39.6	39.8	40.2	40.5	39.6
9	40.5	40.6	40.7	41.3	42.5	42.7	43.1	43.3	41.8
10	44.4	43.8	45.1	45.3	45.5	44.8	44.0	42.7	44.5
11	42.2	42.1	41.8	42.0	41.5	40.9	41.0	39.4	41.4
12	38.9	38.4	38.2	38.6	39.4	39.8	39.6	39.4	39.0
13	38.7	38.9	38.9	39.0	39.5	39.1	38.9	37.6	38.8
14	38.1	37.0	36.9	38.1	36.8	36.2	36.1	35.9	36.9
15	35.8	35.8	35.6	35.6	35.5	35.6	35.6	35.7	35.6
16	35.5	35.6	36.4	37.3	38.3	38.8	39.1	38.9	37.5
17	39.4	39.5	40.0	40.6	----	----	----	----	----
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
Mean	40.2	39.9	40.1	40.7	40.9	40.9	49.8	40.6	40.5

Summer

Mean 40.2 39.9 40.0 40.4 40.6 40.6 40.5 40.2 40.3

13 June-17 August

Lat. : 60° 47' N
Long.: 139° 40' W Elevation: 8,650 feet Date: June, 1964

[illegible]

TABLE II-H (con't)

RELATIVE HUMIDITY (PERCENTAGE)
 DIVIDE STATION, ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: July, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1	86	86	75	76	90	86	90	97	85.8
2	96	93	93	86	92	92	91	91	91.8
3	89	92	89	89	91	93	98	94	91.9
4	92	95	88	91	89	89	81	87	89.0
5	79	83	82	96	92	96	93	84	88.1
6	--	--	--	92	85	83	94	94	----
7	82	88	82	88	92	86	93	90	87.6
8	91	91	96	86	86	85	91	92	89.8
9	88	96	89	67	81	60	94	96	83.9
10	95	94	95	95	88	96	94	94	95.1
11	91	95	82	82	95	93	95	94	90.9
12	95	95	96	83	83	93	97	92	91.8
13	96	97	94	89	85	79	87	82	88.6
14	83	84	82	78	77	69	82	63	77.3
15	66	69	--	68	70	61	95	80	----
16	78	67	70	62	61	56	67	47	63.5
17	59	44	64	46	58	61	78	57	58.4
18	68	67	71	84	74	68	72	71	71.9
19	80	74	74	50	59	57	55	92	67.6
20	87	86	87	86	84	89	--	--	----
21	--	92	83	65	78	88	86	90	----
22	93	100	88	87	87	89	98	81	90.4
23	95	94	90	93	90	95	96	96	93.6
24	98	72	95	86	100	91	100	96	92.3
25	92	95	96	95	91	95	91	98	94.1
26	96	100	97	77	86	85	78	91	88.8
27	--	--	--	--	--	--	--	--	----
28	--	--	--	--	95	100	91	92	----
29	92	97	96	78	79	84	--	--	----
30	--	--	100	100	100	100	--	--	----
31	--	--	--	93	100	96	--	--	----

Lat. : 60° 47' N
Long.: 139° 40' W Elevation: 8,650 feet Date: August, 1964

[illegible]

TABLE II-I

DURATION OF SUNSHINE (HOURS)
DIVIDE STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 47' N
Long.: 139° 40' W

Elevation: 8,650 feet

Date: June, 1964

Date	Yukon Standard Time														
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
1															
2															
3															
4															
5															
6															
7															
8															
9															
10	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.2	0.4	0.4	0.5	0.5
11	0.0	0.0	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	0.0	0.0	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
13	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.3	0.0
15	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
16	0.0	0.0	0.0	0.0	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.7
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.1	0.0	0.3	1.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.1	0.2	0.4	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.4	1.0	0.9	0.5
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2	0.0	0.0	0.1
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0
28	0.0	0.0	0.0	0.0	0.2	0.5	0.1	0.0	0.0	0.0	1.0	1.0	1.0	0.9	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31															
Sum	0.0	0.0	0.0	0.1	1.2	2.2	4.6	5.1	5.4	6.4	8.8	9.2	9.3	9.9	9.0
Mean	0.00	0.00	0.00	0.00	0.06	0.10	0.22	0.24	0.26	0.30	0.42	0.44	0.44	0.47	0.42

June, 1964
(con't)

Date	Yukon Standard Time									Sum	Total possible, local horizon	% of possible
	16	17	18	19	20	21	22	23	24			
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	8.0	16.9	47.3
11	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	14.8	16.9	87.6
12	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	14.5	17.0	85.3
13	1.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	14.9	17.0	87.6
14	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	1.7	17.0	10.0
15	1.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	12.1	17.1	70.8
16	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0	13.9	17.1	81.3
17	0.9	0.9	0.9	1.0	1.0	0.3	0.0	0.0	0.0	6.1	17.1	35.7
18	1.0	1.0	1.0	0.8	0.8	0.1	0.0	0.0	0.0	6.6	17.1	38.6
19	0.5	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	2.8	17.2	16.3
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	17.2	0.6
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	0.0
22	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	17.2	25.0
23	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	17.2	6.4
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	17.1	1.2
26	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	17.1	3.5
27	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	9.4	17.1	55.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	17.0	27.6
29	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	17.0	8.2
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0
31												
Sum	10.6	9.8	9.2	8.7	5.9	1.8	0.0	0.0	0.0	117.2	358.6	32.7
Mean	0.50	0.47	0.44	0.41	0.28	0.08	0.00	0.00	0.00	5.58		

DURATION OF SUNSHINE (HOURS)
DIVIDE STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: July, 1964

Date	Yukon Standard Time														
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.0	0.5	0.9	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.5
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.8	0.8	0.7	1.0	1.0
5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.5	0.0	0.4	0.1	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.0	0.5	0.4	0.3	0.6	0.4	0.5
9	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	1.0	1.0	1.0	1.0	0.2	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.2
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.0	1.0	0.2	0.5
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	1.0	1.0	0.6	1.0	1.0
14	0.0	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
15	0.0	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
16	0.0	0.0	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
17	0.0	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
18	0.0	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
19	0.0	0.0	0.0	0.0	0.2	1.0	1.0	1.0	1.0	0.6	0.4	0.0	0.0	0.8	0.9
20	0.0	0.0	0.0	0.0	0.0	0.2	0.9	0.4	0.0	0.5	1.0	1.0	1.0	1.0	1.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.9	0.5
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.1
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.9	1.0	1.0	1.0	1.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	1.0	1.0	0.7
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.1	0.2	0.2	0.7	0.3	0.1	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sum	0.0	0.0	0.0	0.0	3.8	5.8	9.7	11.6	13.1	13.2	15.1	16.9	16.8	16.2	16.3
Mean	0.00	0.00	0.00	0.00	0.12	0.19	0.31	0.37	0.42	0.43	0.49	0.54	0.54	0.52	0.53

TABLE II-I (con't)

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July, 1964
(con't)

Date	Yukon Standard Time									Sum	Total possible, local horizon	% of possible
	16	17	18	19	20	21	22	23	24			
1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	16.9	19.5
2	0.1	0.0	0.4	0.3	0.1	0.0	0.0	0.0	0.0	1.2	16.9	7.1
3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	16.8	4.7
4	1.0	1.0	1.0	0.9	0.3	0.0	0.0	0.0	0.0	8.7	16.8	51.8
5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	16.8	32.7
6	1.0	1.0	0.7	0.8	0.1	0.0	0.0	0.0	0.0	12.1	16.7	72.4
7	0.1	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	16.7	11.4
8	0.6	1.0	0.1	0.0	0.3	0.4	0.0	0.0	0.0	7.5	16.7	44.9
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	16.7	33.5
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	0.0
11	0.1	1.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1.8	16.6	10.8
12	0.5	0.8	1.0	0.6	0.1	0.0	0.0	0.0	0.0	6.5	16.6	39.0
13	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	10.5	16.6	63.2
14	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	16.5	16.5	100.0
15	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	16.5	16.5	100.0
16	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	15.1	16.5	91.5
17	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	16.5	16.5	100.0
18	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	0.0	16.1	16.4	98.1
19	0.5	1.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0	11.2	16.4	68.3
20	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	12.4	16.4	75.6
21	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	13.1	16.4	79.9
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	16.3	10.4
23	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	16.3	13.5
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	16.3	1.2
25	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	16.3	5.5
26	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	10.6	16.2	65.4
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2	0.0
28	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	16.2	24.1
29	1.0	1.0	1.0	0.9	1.0	0.0	0.0	0.0	0.0	11.0	16.1	68.3
30	0.2	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	3.2	16.1	19.9
31	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	16.0	0.6
Sum	16.0	17.7	14.7	13.7	11.7	4.3	0.0	0.0	0.0	216.6	511.0	42.4
Mean	0.52	0.57	0.47	0.44	0.38	0.14	0.00	0.00	0.00	6.99		

DURATION OF SUNSHINE (HOURS)
DIVIDE STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 47' N
Long.: 139° 40' W

Elevation: 8,650 feet

Date: August, 1964

Date	Yukon Standard Time														
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.6	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.0	0.6	0.0	0.0	0.0	0.3	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	1.0	0.7	0.1	1.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.2	0.0	0.0	0.2	0.6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	0.9	0.0	0.0	0.0	0.7	1.0	1.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	1.0	1.0	0.7	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.0	0.4
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	1.0	1.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.7	0.1	0.2
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	1.0	1.0	1.0	1.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2
15	0.0	0.0	0.0	0.0	0.0	0.4	0.7	0.6	1.0	0.6	0.3	1.0	1.0	1.0	1.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	---	
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
Sum	0.0	0.0	0.0	0.0	0.0	0.4	1.4	5.0	8.6	5.9	6.3	8.5	9.0	8.4	9.4
Mean	0.00	0.00	0.00	0.00	0.00	0.02	0.09	0.31	0.54	0.37	0.39	0.53	0.56	0.52	0.59
Total															
Sum	0.0	0.0	0.0	0.1	5.0	8.4	15.7	21.7	27.1	25.5	30.2	34.6	36.1	34.5	34.7
Total															
Mean	0.00	0.00	0.00	0.00	0.07	0.12	0.23	0.32	0.40	0.38	0.44	0.51	0.53	0.51	0.51

August, 1964
(con't)

Date	Yukon Standard Time									Sum	Total possible, local horizon	% of possible
	16	17	18	19	20	21	22	23	24			
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	15.9	10.0
2	1.0	0.5	1.0	1.0	0.7	0.0	0.0	0.0	0.0	7.0	15.9	44.0
3	0.4	1.0	0.7	1.0	0.5	0.0	0.0	0.0	0.0	3.6	15.8	22.8
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	15.8	15.8
5	1.0	1.0	1.0	0.5	0.2	0.0	0.0	0.0	0.0	7.1	15.7	45.0
6	0.4	0.0	0.1	1.0	0.5	0.0	0.0	0.0	0.0	4.0	15.6	25.6
7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	15.5	33.5
8	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	11.1	15.5	71.6
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	15.4	29.2
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	15.3	14.3
11	1.0	1.0	1.0	0.9	0.2	0.0	0.0	0.0	0.0	7.0	15.3	45.7
12	0.5	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.4	15.3	22.2
13	0.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	6.1	15.1	40.4
14	0.0	0.3	1.0	0.5	0.5	0.0	0.0	0.0	0.0	10.1	15.0	67.3
15	0.9	0.0	0.1	0.5	0.0	0.0	0.0	0.0	0.0	9.1	15.0	60.1
16	1.0	1.0	1.0	0.9	0.5	0.0	0.0	0.0	0.0	11.7	14.9	78.5
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Sum	8.6	6.5	7.5	7.3	3.4	0.0	0.0	0.0	0.0	96.2	247.0	38.9
Mean	0.54	0.41	0.47	0.46	0.21	0.00	0.00	0.00	0.00	6.01		
Total												
Sum	35.2	34.0	31.4	29.7	21.0	6.1	0.0	0.0	0.0	430.0	1,116.6	38.5
Total												
Mean	0.52	0.50	0.46	0.44	0.31	0.09	0.0	0.0	0.0	6.03		

TABLE II-J

CLOUDINESS (TENTHS OF SKY DOME)
 (Amount obscured by fog in parentheses)
 DIVIDE STATION, ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: June, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10	10	9#	10	10(10)	6	1	2	3#	6.4
11	0	1(1)	1	1	1#	1#	1#	1#	0.9
12	1#	1#	1(1)#	1#	0	0	1	2#	0.9
13	2	3#	2	4	4#	9#	8#	9(5)	5.1
14	10(10)	10	10	9(9)	10	9	8	10	9.5
15	8	5	1	1#	1#	1#	5	9	3.9
16	9#	8#	4	4	3#	6#	8#	10#	6.5
17	10	9	9	10	8	7	9	8	8.8
18	3	--	9	10	7	5	7#	10	---
19	10	10	10	9	9	7	8	10	9.1
20	10	10	10	9	9	9	9	10	9.5
21	10	10	10	10	10	10	10	9	9.9
22	8#	8	6	7	7	10	8	10	8.0
23	10	--	10	10	10	10	10	9	---
24	10	10(10)	10(10)	10	10	10	10	10	10.0
25	10	8	9	10	10	10	10	10	9.6
26	10	10	10	10(10)	9	10(10)	8(8)	10	9.6
27	9	7	8	4	3	4	10	6#	6.4
28	7	4	9	4	7	10(10)	9(9)	10(10)	7.5
29	10(10)	10	9	9	10	7	9	10	9.3
30	10	10	10	10	10	10	8	9	9.6
31									
Mean	8.0	7.5	7.5	7.2	6.9	6.9	7.5	8.3	7.4

indicates clouds in valleys below station elevation.

CLOUDINESS (TENTHS OF SKY DOME)
(Amount obscured by fog in parentheses)
DIVIDE STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: July, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1	9	10	8	7	9	10	10	10	9.1
2	9	9	9	8	9	4	9	10	8.4
3	7	10	10	9	7	10	10	9	9.0
4	8	10	7	7	6	5	10(10)	7	7.5
5	6	7	4	7#	7	10	10	10	7.6
6	1#	1#	9(9)	1	1	5	8(8)	6	4.0
7	7	10	10	9	10	9	10(10)	10(10)	9.4
8	5(2)	8	8#	4	10	8	5#	9	7.1
9	2#	3	1	8#	10#	10	10(10)	10(10)	6.8
10	10(10)	10(10)	10(10)	10(10)	10(10)	10	10(10)	8	9.8
11	6	10	10	10	9	9	9	10(10)	9.1
12	9	9	9#	4	4	3	10(10)	10	7.3
13	9	9	9	8	1#	1#	2#	2	5.1
14	2	1	1	1	1	1	1	1	1.1
15	1	1	1	1	2	2	1(1)#	1	1.3
16	0	1	1	2	0	0	0	2	0.8
17	2	0	0	2	1	1	0	1	0.9
18	1#	1#	1#	1	2	2	4	8	2.5
19	7	3	1#	8	7	3	1	7	4.6
20	6	4(1)	7	4	4#	1(1)	10(10)	10(10)	5.8
21	0	2	1(1)#	1#	0	1#	1	3	0.9
22	5	9(9)	9	10	8	10	10	10	8.9
23	10	10	10	9	8	10	10	10	9.6
24	10	10	10	10	10	10	10	10	10.0
25	9	10	10(10)	10(10)	9	9(7)	5#	10	9.0
26	10	10(10)	8	11	1#	1#	1	6	4.8
27	10(10)	10	10	10(10)	10(10)	10	10	10	10.0
28	10	10(10)	10(10)	14	10	10(10)	9	10	9.1
29	10	10(10)	10	3	6	6	3	1	6.1
30	2	8	6	10(10)	10(10)	8	10(10)	10(10)	8.0
31	10	10(10)	10	10	10(10)	10	10#	10	10.0
Mean	6.2	7.0	6.8	6.1	6.2	6.1	7.0	7.5	6.6

indicates clouds in valleys below station elevation.

TABLE II-J (con't)

CLOUDINESS (TENTHS OF SKY DOME)
 (Amount obscured by fog in parentheses)
 DIVIDE STATION, ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat. : 60° 47' N

Long.: 139° 40' W

Elevation: 8,650 feet

Date: August, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1	10(10)	10(10)	10#	10	10(10)	10#	10	10	10.0
2	10	10	10	9	3	1#	10	10(10)	7.9
3	10(10)	10#	10#	10(10)	9	3	1	0	6.6
4	10(10)	3	10#	10	10	10	9(8)	10(10)	9.0
5	7(7)	9(9)	4#	10	4	5	10	3	6.4
6	2	9	8	10	9	7	4	5	6.8
7	9	5	9#	4	5	6#	6#	0	5.5
8	4	10	4	3#	3#	1	0	0	3.1
9	0	1	2	10	10	10	10	10	9.1
10	10	10	10	4	10	10	10(10)	10	9.3
11	10	10	10(10)	8	1(1)	6#	8	3	7.0
12	8	9	10(10)	8	7	7	10	3	7.8
13	10	9	7	7#	5#	5#	8	9	7.5
14	10	2	3	2#	9#	5	3	0	4.3
15	3	5#	3	4#	3	9	10#	3	5.0
16	10	6	3#	10#	1#	9	8	10	7.1
17	5	1#	1#	0#	--	--	--	--	---
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
Mean	7.5	7.0	6.7	6.9	6.2	6.5	7.3	5.4	7.0

Summer

Mean 7.1 7.1 7.0 6.6 6.4 6.4 7.3 7.2 6.9

10 June-17 August

indicates clouds in valleys below station elevation.

TABLE III-A

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SHELTER AIR TEMPERATURE (°F)
KASKAWULSH STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 44' N
Long. : 139° 08' W

Elevation: 5,800 feet

Date: July, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1											
2											
3											
4											
5											
6											
7											
8	32.9	33.2	35.3	38.0	36.0	36.1	35.2	33.4	35.0	38.0	30.9
9	31.3	31.6	38.3	42.9	43.3	41.8	36.1	35.9	37.7	43.2	30.9
10	35.6	35.5	36.3	39.6	41.0	37.9	36.9	36.3	37.4	41.0	35.3
11	35.4	35.8	39.4	41.8	42.9	41.2	37.9	34.8	38.7	43.0	34.8
12	32.7	31.9	36.5	42.2	45.0	42.3	38.1	37.2	38.2	45.0	31.9
13	35.1	34.8	38.7	40.8	43.9	43.2	40.0	37.3	39.2	44.5	34.4
14	37.5	35.7	42.2	48.0	54.4	53.6	41.8	35.8	43.6	54.4	34.7
15	31.1	34.8	41.5	47.8	55.4	51.0	38.1	34.5	41.8	56.0	29.9
16	31.4	33.8	40.8	47.2	57.1	56.0	46.5	34.8	43.5	57.2	30.7
17	30.8	30.2	42.9	50.1	57.0	52.9	47.8	43.0	44.3	57.2	29.8
18	32.7	32.5	41.6	48.8	51.9	53.6	44.8	38.7	43.1	55.0	31.3
19	35.4	33.2	41.6	43.8	44.5	43.2	41.0	33.8	39.6	45.1	33.0
20	34.8	32.9	39.0	43.9	44.1	43.8	39.8	38.8	39.6	39.8	32.7
21	32.9	37.0	40.0	52.4	52.1	50.8	45.9	37.3	43.6	58.1	32.7
22	41.3	41.5	46.2	46.9	44.6	41.9	40.5	38.2	42.6	47.2	37.3
23	37.2	37.4	39.8	44.9	46.3	43.5	41.9	40.1	41.4	47.0	37.1
24	39.1	38.3	41.0	43.8	42.3	40.9	38.3	34.9	39.7	44.0	34.9
25	33.3	32.4	34.2	34.8	37.8	37.6	36.4	34.5	35.1	38.9	32.2
26	34.4	34.8	41.3	44.3	49.1	44.9	36.0	39.3	40.5	49.3	34.4
27	36.9	37.7	38.8	38.1	38.4	37.0	36.9	36.4	37.5	38.7	36.4
28	36.4	36.6	41.1	44.1	45.9	45.6	38.1	35.5	40.4	46.3	35.5
29	35.0	36.3	41.5	46.9	52.9	52.0	39.8	37.9	42.7	53.1	35.0
30	37.6	36.2	39.1	42.4	42.8	43.3	39.5	36.2	39.6	43.4	35.8
31	35.9	36.6	39.7	41.1	41.1	40.9	37.9	36.8	38.8	41.2	35.9
Mean	34.9	35.0	39.9	43.9	46.2	44.8	39.8	36.7	40.2	46.9	33.6

SHELTER AIR TEMPERATURE (°F)
KASKAWULSH STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 61° 03' N

Long.: 138° 22' W

Elevation: 5,800 feet

Date: August, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1	36.8	36.3	38.7	40.7	42.9	40.0	39.5	36.5	38.9	43.1	36.1
2	36.1	35.9	37.9	43.1	43.0	43.1	39.6	36.6	39.4	44.8	35.6
3	35.9	36.0	36.4	39.9	43.6	44.5	40.9	36.9	39.3	44.9	35.8
4	34.1	38.2	43.9	46.2	46.0	43.6	38.1	36.1	40.8	46.2	34.1
5	33.8	34.1	38.9	42.2	44.8	43.8	39.7	34.3	39.0	45.0	33.0
6	33.3	34.5	38.3	43.6	42.3	40.9	47.7	43.3	40.5	44.9	33.0
7	31.3	32.1	39.8	43.9	49.4	43.9	39.8	36.2	39.6	50.3	31.2
8	33.7	32.8	36.5	45.1	47.2	44.8	37.5	33.5	38.9	49.0	30.4
9	31.0	31.0	42.2	42.8	41.6	42.6	42.0	41.2	39.3	44.5	30.2
10	37.5	36.7	41.3	42.3	42.5	38.8	36.0	35.9	38.9	42.9	35.9
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Mean	34.4	34.8	39.4	43.0	44.3	42.6	40.1	37.1	39.5	45.6	33.5
Summer Mean 8 July-21 August	34.7	35.0	39.7	43.7	45.7	44.1	39.9	36.8	39.9	46.5	33.6

METEOROLOGICAL DATA
KASKAWULSH STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 44' N

Long.: 139° 08' W

Elevation: 5,800 feet

Date: July, 1964

Date	Hour Y.S.T.	R.H. (%)	Cloud Amount (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Wind (mph)	Precip. Inches
4	2000	65	5Cs, 1Cu	6	20	W	5	
5	0600	73	8Ac	8	20	C	C	
	0800	--	9As	9	20	W	2	
	1500	79	9St	9	--	--	--	
	1900	69	1Ci, 2Ac	3	20	W	10	
	2100	80	1Ac	1	20	--	--	
6	0300	74	1Ac	1	20	C	C	
	0800	80	1Ac	1	20	C	C	
	1500	69	1Ac	1	20	C	C	
	1800	60	6Sc	6	20	W	5	
7	0300	92	9Ac	9	--	E	8	
	0800	93	10St	10	2	N	2	
	1500	97	9St	9	20	NE	3	
	1800	76	10St	10	20	W	8	0.05
8	0600	84	2St, 2Sc, 2Ci	6	--	W	8	
	0900	--	9Sc	9	--	W	10	
	1100	--	4Cs, 1Ci, 2Ac	7	--	W	5	
	1200	--	4Sc, 3Ns, 2Cu	9	--	--	--	
	1500	80	2Ac, 2As, 6St	10	--	E	7	
	1900	81	3Cs, 5Ac	8	--	W	13	T
9	0800	--	1Cs	1	20	SW	6	
	1200	--	10Cs	10	20	W	2	
	1600	65	10St	10	--	--	--	
	1800	--	10Ns	10	1	W	7	0.04
10	1000	79	10St	10	--	W	10	
	1300	67	5Ci, 2Ac	7	20	W	13	
	1500	70	2Cs, 2Cc, 3As	7	20	W	10	
	2000	--	1Cc, 6Ac	7	20	W	15	0.01
11	0800	75	5Ac, 2As	7	20	W	15	
	1200	--	2Cs, 4Ac	6	--	W	12	
	1600	70	4Ac	4	--	W	10	
	1800	--	3Ac	3	20	W	3	T
12	0600	75	7As	7	--	C	C	
	0900	75	7Ac, 2Ac	9	--	C	C	
	1100	--	10Ac	10	--	C	C	

TABLE III-B (con't)

METEOROLOGICAL DATA
KASKAWULSH STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 44' N

Long. : 139° 08' W

Elevation: 5,800 feet

Date: July, 1964

Date	Hour Y.S.T.	R.H. (%)	Cloud Amount (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Wind (mph)	Precip. Inches
12 (con't)	1300	--	6Ac	6	--	--	--	
	1800	--	1Ac	1	--	C	C	
	2200	--	5Ac, 4As	9	--	--	--	T
13	0900	98	10St	10	5	C	C	
	1200	--	9As	9	--	C	C	
	1400	--	3As, 3Sc, 1St	7	--	--	--	
	1600	--	4Ac, 5St	9	5	C	C	
	2300	--	9As	9	20	C	C	0.09
14	0900	60	1Ci	1	20	C	C	
	1500	--	1Ac	1	20	E	5	
	1700	--	1Ac	1	20	C	C	
	2000	--	3Ci, 1As	4	20	C	C	
15	0600	65		0	20	C	C	
	1200	--		0	20	C	C	
	1600	--	1Cu	1	20	W	15	
	1800	--	1Cu, 1Ci	2	20	W	15	
	2100	--	1Ac	1	20	E	5	
16	0900	70	1Ci	1	20	E	3	
	1300	--		0	20	W	15	
	1800	--		0	20	C	C	
	2200	--		0	20	W	5	
17	0500	--	1As	1	20	C	C	
	0800	--		0	20	W	10	
	1100	60		0	20	W	15	
	1400	--		0	20	C	C	
	1600	--		0	20	C	C	
	1900	--		0	20	C	C	
	2100	--		0	20	E	3	
18	0900	73	1Ac	1	20	C	C	
	1200	--	1Ac	1	20	E	10	
	1400	--	4Cs	4	20	C	C	
	1600	--		0	20	C	C	
	1800	--	4Cc	4	20	C	C	
	2100	--	1Cs, 1Ac	2	20	N	5	

METEOROLOGICAL DATA
KASKAWULSH STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 44' N
Long. : 139° 08' W

Elevation: 5,800 feet

Date: July, 1964

Date	Hour Y.S.T.	R.H. (%)	Cloud Amount (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Wind (mph)	Precip. Inches
19	0600	--	1Cs	1	20	C	C	
	0900	--	1Cc	1	20	C	C	
	1000	--	7Ac	7	20	W	20	
	1300	71	1Cs, 8Ac	9	20	SW	5	
	1600	--	1Ac	1	20	W	5	
	1800	--	1Cc	1	20	C	C	
20	0700	--	10St	10	20	C	C	
	0900	93	9St	9	--	E	3	
	1200	--	9St	9	--	SW	5	
	1500	--	4Ac	4	20	C	C	
	1900	--	9St	9	20	C	C	
	2300	--	10St	10	--	C	C	
21	0300	--	1Ac	1	20	C	C	
	0900	73	1Ac	1	20	S	5	
	1400	--		0	20	W	13	
22	0800	55	4Cs, 4As	8	20	W	20	
	1200	--	1Ci, 2Cs, 3Ac	6	20	W	10	
	1600	--	2Ci, 6Ac	8	20	W	23	
	2000	--	9Ac	9	20	W	25	
23	0900	60	9Ac	9	20	W	13	
	1200	--	1Cs, 5Ac, 1St	7	20	W	10	
	1600	--	4Ac	4	20	W	5	
	2100	--	5Ac	5	20	W	10	
24	0900	62	9Ac	9	20	W	13	
	1200	--	5Ac, 4St	9	20	W	8	
	1700	--	10Ac	10	20	W	5	
	2100	--	5Ac	5	20	W	5	
25	0900	85	10Ac	10	20	C	C	
	1300	--	10As	10	20	C	C	
	1600	--	9Ac	9	20	W	2	
	2100	--	9Ac	9	20	C	C	0.10
26	0800	82	9Ac	9	20	E	2	
	1200	--	3Sc	3	20	W	2	
	2100	--	4Ac	4	20	C	C	0.15

TABLE III-B (con't)

METEOROLOGICAL DATA
KASKAWULSH STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 44' N

Long.: 139° 08' W

Elevation: 5,800 feet

Date: July, 1964

Date	Hour Y.S.T.	R.H. (%)	Cloud Amount (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Wind (mph)	Precip. Inches
27	0900	85	10As	10	20	NW	5	
	1200	--	10As	10	--	E	5	
	1600	--	10As	10	--	--	--	
	2000	--	10As	10	--	NE	2	0.12
28	0900	79	9Ac	9	20	C	C	
	1200	--	5Ac	5	20	N	5	
	1600	--	9Ac	9	20	N	5	
	2000	--	4Ac, 5As	9	--	--	--	
29	0800	71	1Ci, 4Ac	5	20	E	2	
	1200	--	1Ci, 2Ac	3	20	W	5	
	1600	--	1Ci, 2Ac	3	20	W	8	
	2000	--	4Ac	4	20	W	12	
30	0800	75	2Ci, 7As	9	20	C	C	
	1200	--	10Ac	10	--	N	2	
	1600	--	9Ac	9	--	C	C	
	2000	--	10Ac	10	--	C	C	0.29
31	0800	82	10As	10	--	C	C	
	1200	--	10St	10	--	E	2	
	1600	--	10St	10	--	C	C	
	2000	--	10St	10	--	C	C	0.28

METEOROLOGICAL DATA
KASKAWULSH STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat.: 60° 44' N

Long.: 139° 08' W

Elevation: 5,800 feet

Date: August, 1964

Date	Hour Y.S.T.	R.H. (%)	Cloud Amount (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Wind (mph)	Precip. Inches
1	0800	89	10As	10	--	W	5	
	1200	--	10As	10	--	W	8	
	1600	--	10Ac	10	--	W	10	
	2000	--	9Ac	9	--	W	2	0.03
2	0900	93	10St	10	--	C	C	
	1200	--	5Ac	5	--	C	C	
	1600	--	3Ac	3	20	W	2	
	2000	--	7Ac	7	20	C	C	
3	0900	85	10St	10	--	C	C	
	1200	--	10St	10	--	C	C	
	1600	--	5Ac	5	--	W	2	
	2000	--	4Ac	4	--	W	5	T
4	0700	68	1Ac	1	20	W	13	
	1200	--	1Ac	1	20	W	10	
	1500	--	1Ac	1	20	W	11	
	1800	--	4As	4	--	W	5	
	2100	--	6As	6	--	W	5	
5	0900	75	5Cs, 5As	10	--	--	--	
	1200	--	10Cs	10	20	W	5	
	1500	--	5Cc, 1Cu, 1As	7	20	W	5	
	1800	--	9Cs, 1Cu	9	--	W	4	
	2100	--	9Cs	9	--	W	3	
6	0300	--	10Cs	10	--	C	C	
	0700	--	9Cs	9	--	W	3	
	1100	62	10As	10	--	--	--	
	1500	--	2Ac, 6St	8	--	W	8	
7	0300	--	9Cs	9	20	C	C	
	0600	--	7Cs	7	20	C	C	
	0800	75	10Cs	10	20	C	C	
	1000	--	10Cs, 1Cu	10	20	W	1	
	1500	--	2Ac, 6Cs	6	--	W	9	
	1800	--	5Cs, 3Cu	8	--	W	3	
	2100	--	4Cs, 5As	9	--	C	C	
8	0800	81	4Cc, 4As	8	20	C	C	
	1200	--	3Cc, 2As	5	20	W	5	
	2300	--		0	20	C	C	

METEOROLOGICAL DATA
KASKAWULSH STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 44' N

Long.: 139° 08' W

Elevation: 5,800 feet

Date: August, 1964

Date	Hour Y.S.T.	R.H. (%)	Cloud Amount (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Wind (mph)	Precip. Inches
9	0600	--	1Ci	1	20	C	C	
	0900	67		0	20	SW	3	
	1200	--	8St	8	20	W	12	
	1500	--	9St	9	--	W	10	
	1800	--	10St	10	--	W	10	
	2100	--	10St	10	--	W	14	T
10	0600	--	9St	9	--	C	C	
	0900	80	4Ac, 5St	9	--	C	C	
	1200	--	9As	9	--	C	C	
	1500	--	9As	9	--	W	7	
	1800	--	9As, 4St	9	--	SW	4	T
11	0600	--	10St	10	1/8	C	C	
	1000	96	10St	10	1	C	C	
	1200	--	7St	7	20	C	C	
	1500	--	2Cc, 4Ac, 1St	7	20	C	C	
	1800	--	4Cc, 2Ac, 1St	7	--	E	7	
	2300	--	10As	10	--	E	2	T
12	0600	--	10St	10	1/8	C	C	
	0800	100	10St	10	3	C	C	
	1200	--	3Ac, 5St	7	--	SW	15	
	1500	--	2Ac, 4St	6	--	SW	15	
	1800	--	3Cc, 1Ac, 2St	6	--	W	13	0.01
13	0800	78	4Ac	4	20	SW	5	
	1200	--	1Cu	1	20	SW	10	
	1800	--	2Ac, 2As	4	20	SW	10	
	2100	--	1Ac	1	20	W	5	T
14	0600	--		0	20	C	C	
	0800	78	2Ci, 3Cs	5	20	C	C	
	1200	--	9As	9	--	W	8	
	1800	--	7Ac	7	--	W	5	
	2100	--	3Ac	3	--	C	C	
15	0600	--	10St	10	--	C	C	
	1000	84	10St	10	--	SW	3	
	1200	--	9Sc	9	--	SW	5	
	1500	--	3Cs, 5Ac	7	20	SW	5	
	1800	--	1Cs, 6Ac, 1Cu	8	--	SW	5	
	2100	--	10St	10	1	C	C	T

METEOROLOGICAL DATA
KASKAWULSH STATION, ST ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 44' N

Long.: 139° 08' W

Elevation: 5,800 feet

Date: August, 1964

Date	Hour Y.S.T.	R.H. (%)	Cloud Amount (tenths) and Type	Sky Cover (tenths)	Vis. (miles)	Wind Dir.	Wind (mph)	Precip. Inches
16	0900	71	5Cs	5	--	--	--	
	1200	--	4Cs, 2Ac	6	--	W	2	
	1800	--	4Cc, 4Ac	8	--	SW	4	
	2100	--	10St	10	--	C	C	
17	0800	65	4Ac	4	20	C	C	
	1200	--		0	--	W	5	
	1500	--	1Ac	1	20	W	5	
	1800	--		0	--	W	10	
	2100	--	1Cu	1	--	W	5	
18	0900	74	10St	10	--	E	3	
	1200	--	9St	9	--	SW	30	
	1500	--	10St	10	2	SW	15	
	1800	--	10St	10	1/2	SW	10	
	2100	--	10St	10	2	W	10	T
19	0800	86	10St	10	--	SW	15	
	1200	--	3St, 5Sc	8	--	W	10	
	1500	--	5Sc, 1St	6	2	SW	15	
	2100	--	9St	9	--	SW	10	0.01
20	0900	84	1Cs, 1Ac, 7St	9	--	SW	13	
	1200	--	5Ac, 1St	6	--	W	10	
	1500	--	1Ci, 3Ac	4	20	SW	10	
	1800	--	3Ac, 1Sc	4	--	W	7	
21	0600	84	1Cs, 4Ac, 1St	6	--	SW	10	
22	0900	70	10Cs	10	20	C	C	

SHELTER AIR TEMPERATURE (°F)
SEWARD STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N
Long.: 139° 55' W

Elevation: 6,100 feet

Date: June, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18			38.0	42.5	42.7	32.0	30.0	29.8	----	----	----
19	29.8	30.2	31.0	32.0	32.3	29.3	28.4	27.7	31.9	33.0	27.3
20	27.2	28.9	35.2	33.5	35.6	38.8	28.7	27.1	31.9	39.0	25.9
21	28.0	30.4	31.0	29.5	29.9	29.1	25.5	25.8	28.7	30.4	25.1
22	29.8	32.8	34.0	36.2	35.3	33.8	30.5	31.2	33.0	36.0	22.0
23	30.5	32.3	34.9	36.1	44.5	34.0	32.0	32.0	34.5	44.0	30.0
24	31.0	32.0	33.2	35.0	33.5	31.3	29.8	29.0	31.9	36.0	28.0
25	28.0	28.4	30.5	31.5	32.0	29.2	29.0	29.6	29.8	32.5	28.0
26	29.8	31.0	32.5	35.2	35.6	32.8	30.0	28.8	32.0	38.0	28.0
27	27.5	30.5	40.0	38.1	41.5	38.5	35.0	33.0	35.5	46.0	27.5
28	33.8	34.5	40.7	33.0	33.0	33.6	31.1	30.5	33.8	41.0	30.0
29	29.8	28.8	30.5	34.1	36.1	31.6	29.3	28.6	31.1	39.0	28.2
30	27.2	27.3	30.0	29.5	29.8	28.1	27.0	26.4	28.2	30.8	26.4
31											
Mean	29.4	30.6	31.3	33.6	34.9	32.5	29.7	29.1	31.4	37.5	27.4

SHELTER AIR TEMPERATURE (°F)
SEWARD STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N
Long.: 139° 55' W

Elevation: 6,100 feet

Date: July, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1	26.5	28.0	28.3	29.1	29.1	29.0	28.1	27.9	28.1	29.9	23.9
2	27.2	28.7	30.2	31.8	31.7	29.3	28.8	28.9	29.6	32.0	28.0
3	28.9	30.0	30.5	32.8	34.8	31.4	29.6	29.6	31.0	35.8	28.0
4	29.5	29.8	30.2	35.2	33.2	34.1	28.5	28.4	31.1	38.5	28.4
5	27.6	29.5	32.0	34.0	35.9	30.0	27.6	25.5	30.3	36.5	25.5
6	26.4	28.8	33.0	33.8	37.9	34.3	28.9	35.6	32.3	42.0	26.0
7	38.9	38.4	44.4	41.1	41.5	39.8	32.5	32.1	38.6	48.0	31.5
8	32.0	31.4	34.3	36.3	40.0	33.0	31.9	29.4	33.5	41.5	28.4
9	28.2	33.0	35.1	39.6	41.0	33.0	30.0	29.0	33.6	43.0	27.5
10	28.4	29.1	30.9	31.8	36.8	30.2	29.0	29.0	30.7	38.0	27.9
11	28.5	28.6	31.2	36.5	37.8	34.1	29.0	28.5	31.8	40.3	27.8
12	28.3	29.0	33.4	40.1	36.9	30.3	27.3	28.6	31.7	45.0	26.2
13	31.9	32.1	38.8	38.2	39.1	41.0	39.7	38.6	37.4	43.0	29.0
14	37.5	37.5	44.0	46.0	51.2	45.1	42.6	42.2	43.3	54.0	34.2
15	40.2	38.0	43.5	47.3	48.0	43.8	40.6	41.9	42.9	52.1	34.9
16	40.0	39.5	44.0	49.2	47.0	48.3	39.7	40.0	43.5	52.0	35.5
17	40.3	41.0	44.1	50.0	51.0	42.2	39.2	36.3	43.0	53.9	34.3
18	38.9	40.0	46.0	51.0	42.2	40.8	34.9	33.9	41.0	51.8	33.9
19	31.4	33.2	39.5	33.3	33.0	36.3	31.2	32.2	33.8	39.5	28.1
20	33.6	33.1	42.6	46.0	46.5	43.0	38.0	38.5	40.2	50.5	29.0
21	37.6	37.8	43.2	50.5	53.5	45.9	38.2	35.5	42.8	53.5	34.0
22	36.0	33.9	37.5	34.8	37.0	33.5	31.0	29.5	34.2	40.0	29.5
23	29.3	29.8	31.1	32.5	32.5	31.2	31.4	30.5	31.0	34.2	28.4
24	30.6	30.0	31.6	32.5	35.0	31.0	29.6	28.0	31.0	36.2	28.0
25	28.2	29.1	35.2	33.0	35.2	35.5	33.0	29.5	32.3	38.2	27.5
26	32.4	35.2	39.1	48.2	49.0	44.7	39.8	40.8	41.2	50.0	29.1
27	39.2	41.0	41.0	39.6	37.0	36.6	36.8	35.0	38.3	42.0	34.0
28	35.5	37.8	43.7	43.5	44.5	41.0	40.8	40.0	40.9	48.0	33.5
29	40.0	38.9	44.3	45.8	53.2	47.7	40.2	38.0	43.5	53.2	35.7
30	38.6	39.5	47.5	43.5	50.6	42.6	39.4	40.2	42.7	50.0	35.0
31	40.0	41.6	41.8	40.6	41.8	40.0	39.7	38.6	40.5	46.0	36.2
Mean	33.3	34.0	38.0	39.6	40.8	37.4	34.1	33.6	36.3	43.5	30.3

TABLE IV-A (con't)

SHELTER AIR TEMPERATURE (°F)
SEWARD STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N
Long.: 139° 55' W

Elevation: 6,100 feet

Date: August, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1	37.2	35.4	36.4	39.0	36.0	36.0	34.0	33.6	36.0	40.0	32.0
2	33.3	34.2	38.0	45.0	44.5	38.9	36.5	36.5	38.4	45.0	32.5
3	36.0	35.8	40.7	43.3	43.6	37.9	29.5	28.3	36.9	46.5	28.3
4	27.4	31.5	37.1	34.2	35.6	32.0	31.9	31.5	32.7	42.0	26.8
5	31.5	32.0	35.3	35.6	34.2	35.8	31.9	31.6	33.5	40.0	30.5
6	31.5	31.6	36.6	39.3	39.8	39.7	37.3	35.6	36.4	46.0	29.5
7	36.0	34.8	41.9	46.2	43.0	40.1	36.2	33.6	39.0	52.0	32.2
8	32.9	34.2	40.5	43.6	47.1	41.9	33.0	34.3	38.4	46.0	30.0
9	29.8	32.1	35.9	39.8	35.2	32.2	31.5	31.2	33.5	42.4	27.9
10	30.3	32.0	35.3	41.0	40.2	38.2	36.0	37.4	36.3	41.9	29.1
11	33.0	35.8	37.8	45.5	48.4	44.2	44.9	41.9	41.4	48.7	31.8
12	40.1	35.0	32.4	33.0	34.3	35.0	29.1	28.9	33.5	35.5	28.4
13	28.1	29.0	33.3	33.8	39.9	33.9	29.7	30.4	31.0	40.6	26.6
14	30.1	30.6	37.2	32.2	-----	-----	-----	-----	-----	-----	-----
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Mean	32.9	33.3	37.0	39.9	40.1	36.6	34.0	33.4	35.9	43.6	29.7
Summer Mean 18 June- 14 August	32.3	33.1	36.3	38.3	39.3	36.1	33.1	32.5	35.2	42.2	29.5

SHELTER AIR TEMPERATURE (°F)
SEWARD ICE, ST. ELIAS MOUNTAINS
YUKON TERRITORY, ALASKA

Lat. : 60° 20' N
Long.: 139° 57' W

Elevation: 5,850 feet

Date: July, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1											
2											
3											
4											
5											
6							29.9	36.0	----	----	----
7	39.6	36.0	47.1	41.8	41.5	47.0	33.1	33.2	39.9	47.1	32.8
8	33.4	33.9	37.4	43.9	40.0	32.9	32.1	30.0	35.5	44.1	30.0
9	29.8	30.0	38.0	35.9	48.4	31.2	29.7	27.9	33.9	48.4	26.1
10	27.3	27.9	32.2	30.1	36.1	29.8	28.0	27.8	29.9	40.4	26.8
11	27.2	28.1	33.3	36.6	39.8	40.8	27.8	27.1	32.6	42.4	27.1
12	27.5	32.2	31.2	43.8	37.0	33.0	30.2	29.8	33.1	46.6	26.0
13	32.2	33.8	----	39.6	49.7	39.2	35.5	34.1	----	49.7	30.0
14	28.6	31.8	46.0	42.8	40.9	38.3	33.8	32.2	36.8	47.2	28.2
15	31.8	34.9	45.8	45.3	40.2	38.9	35.2	31.2	37.9	47.8	29.6
16	31.2	37.8	41.6	48.0	43.1	41.0	33.8	32.2	38.6	49.7	32.0
17	31.6	33.0	40.1	43.8	42.0	38.0	32.1	31.5	36.5	45.6	28.2
18	28.3	32.5	42.4	43.7	52.6	42.3	32.9	27.8	37.8	53.8	27.1
19	24.8	28.0	36.2	36.0	38.0	40.0	27.8	28.8	32.5	44.8	24.0
20	30.4	27.5	----	39.8	39.0	36.2	32.2	31.1	----	46.2	25.6
21	31.7	29.9	36.7	43.2	41.7	41.4	34.1	32.4	36.4	46.0	29.2
22	32.0	32.8	46.9	38.2	44.5	34.6	34.0	32.8	37.0	48.2	31.2
23	32.3	32.7	34.5	36.1	37.8	35.6	34.1	34.0	34.6	38.3	32.0
24	33.8	33.7	36.0	41.2	42.0	34.3	32.4	----	----	43.8	31.8
25	----	----	----	----	----	----	----	----	----	----	----
26	----	----	----	C L O C K S T O P P E D				----	----	----	----
27	----	----	----	----	34.3	32.4	34.0	31.7	----	----	----
28	32.0	33.5	37.8	36.2	43.7	35.1	33.2	30.8	35.3	46.2	30.8
29	32.0	31.7	35.1	41.8	43.0	37.7	31.7	29.1	35.3	46.1	29.1
30	28.1	30.0	37.1	40.0	43.2	34.5	30.5	31.0	34.3	47.8	27.8
31	30.7	35.5	36.2	34.3	35.1	31.8	34.1	32.1	33.7	39.8	28.9
Mean	30.7	32.1	38.6	40.1	41.5	36.8	32.2	31.1	35.3	45.9	28.8

TABLE IV-B (con't)

SHELTER AIR TEMPERATURE (°F)
SEWARD ICE, ST. ELIAS MOUNTAINS
YUKON TERRITORY, ALASKA

Lat. : 60° 20' N

Long.: 139° 57' W

Elevation: 5,850 feet

Date: August, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1	32.7	31.8	34.2	41.0	35.1	36.0	31.7	30.3	34.1	42.8	30.0
2	30.2	31.8	35.4	39.9	46.8	37.1	32.0	32.6	35.7	46.8	30.0
3	31.1	32.3	37.0	----	37.2	39.9	25.8	23.8	----	40.0	23.8
4	24.5	28.6	34.1	32.9	30.2	29.0	28.8	29.6	29.7	36.2	24.0
5	29.9	31.5	35.7	40.0	37.3	33.7	28.2	28.6	33.1	47.0	27.4
6	28.2	29.1	33.8	40.2	38.0	33.8	30.0	29.8	32.9	46.2	27.0
7	27.0	24.2	37.8	37.5	40.4	39.2	25.9	24.0	32.0	45.8	24.0
8	22.4	27.5	36.0	37.8	37.6	33.5	25.0	23.8	30.5	44.0	22.0
9	20.0	21.5	38.2	35.7	36.2	30.2	29.7	29.6	30.1	44.0	19.8
10	28.3	29.1	34.3	----	29.2	29.7	29.0	30.2	----	41.8	28.3
11	28.8	29.8	32.3	40.8	41.2	36.4	36.1	37.3	35.3	42.2	28.1
12	33.0	30.2	30.2	32.0	33.2	32.5	27.8	27.1	30.8	37.8	26.0
13	26.1	28.2	29.5	----	----	----	----	----	----	----	----
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Mean	27.9	28.9	34.5	37.8	36.9	34.3	29.2	28.9	32.4	42.9	25.9
Summer Mean 6 July-13 August	29.6	30.9	37.0	39.4	39.9	35.9	31.1	30.3	34.3	44.8	27.8

PRESSURE (800+ mb.)
SEWARD STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N

Long.: 139° 55' W

Elevation: 6,100 feet

Date: June, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18	----	----	07.2	07.8	07.2	06.9	06.6	06.3	----
19	07.1	07.5	08.0	09.4	10.1	10.2	10.3	10.8	09.2
20	10.4	10.4	10.2	11.0	11.4	11.1	11.0	11.0	10.8
21	11.0	10.6	10.4	10.4	10.4	09.8	08.9	07.6	09.9
22	05.8	03.7	03.1	05.4	06.0	06.4	06.2	06.2	05.4
23	06.3	06.9	07.2	08.8	09.4	09.8	10.7	10.8	08.7
24	11.0	11.6	12.3	13.0	13.5	13.0	13.0	13.0	12.6
25	12.8	12.7	12.5	12.8	13.0	13.0	12.6	----	----
26	12.0	11.5	11.5	11.7	11.4	11.5	11.2	11.0	11.5
27	10.9	10.5	10.8	10.2	11.8	----	11.3	11.5	----
28	11.2	11.6	12.2	12.8	13.2	12.2	12.2	11.9	12.2
29	11.5	11.8	12.0	12.5	12.9	13.0	13.0	12.8	12.4
30	12.1	12.1	12.1	11.8	12.2	11.0	10.0	09.3	11.3
31									
Mean	09.8	09.8	09.9	10.7	11.1	10.8	10.7	10.4	10.4

TABLE IV-C (con't)

PRESSURE (800+ mb.)
SEWARD STATION, ST ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N

Long.: 139° 55' W

Elevation: 6,100 feet

Date: July, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1	08.1	07.0	07.1	07.0	07.9	07.8	07.8	07.5	07.5
2	07.8	06.1	05.8	06.1	06.7	06.9	06.6	06.6	06.6
3	06.5	----	06.7	07.4	07.3	07.1	07.2	07.0	----
4	06.3	05.8	06.0	06.0	06.0	05.2	05.3	04.6	05.7
5	04.4	04.4	04.4	05.1	05.3	05.9	06.0	06.0	04.7
6	05.9	06.1	06.2	06.7	06.1	06.0	04.8	04.6	05.8
7	04.3	05.6	05.9	06.1	07.3	07.1	07.7	07.1	06.4
8	06.9	06.6	06.1	05.9	06.5	07.0	07.1	07.8	06.6
9	07.0	07.3	07.1	07.2	07.1	06.9	06.8	06.0	06.9
10	05.3	04.1	04.1	04.9	05.1	06.1	06.9	07.5	05.5
11	07.7	08.6	09.8	11.2	11.4	11.6	12.0	11.8	10.5
12	11.7	11.8	12.2	13.4	13.9	13.9	13.7	13.6	13.0
13	13.4	13.1	13.2	13.5	13.0	13.0	13.0	13.2	13.2
14	13.0	11.8	11.6	10.9	10.5	09.3	08.9	08.2	10.5
15	07.5	07.0	07.1	07.8	08.2	08.2	09.0	10.0	08.1
16	10.2	11.0	11.9	12.3	12.9	12.1	12.1	12.0	11.8
17	11.0	10.1	09.9	10.0	09.5	09.1	08.5	08.1	09.5
18	07.9	07.8	08.1	09.0	09.8	10.1	10.4	10.5	09.2
19	10.4	10.0	10.8	11.9	11.7	11.3	11.2	10.9	11.0
20	10.0	09.1	09.0	09.0	09.1	08.3	08.6	08.2	08.9
21	08.2	08.2	08.8	08.9	09.0	09.1	09.0	08.9	08.8
22	08.8	08.5	08.9	09.2	09.6	09.9	09.0	09.4	09.2
23	09.9	10.2	10.9	11.8	12.6	13.1	13.5	14.1	12.0
24	14.7	15.2	15.5	16.2	16.8	16.4	16.1	16.0	15.9
25	15.6	15.1	15.0	15.5	16.0	16.0	16.0	16.5	15.7
26	16.5	16.2	16.4	16.4	16.5	15.2	14.2	13.5	15.6
27	12.2	10.6	09.8	09.0	09.0	08.0	08.1	08.0	09.3
28	07.9	07.7	08.4	08.8	09.2	10.0	10.1	10.0	09.0
29	10.2	10.2	10.3	10.9	11.0	10.2	09.3	08.4	10.1
30	07.4	06.7	06.2	06.5	06.5	06.2	06.0	05.8	06.4
31	05.8	05.0	05.1	04.9	04.8	04.2	03.9	03.8	04.7
Mean	09.2	08.9	09.1	09.4	09.6	09.5	09.4	09.3	09.3

PRESSURE (800+ mb.)
SEWARD STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N

Long.: 139° 55' W

Elevation: 6,100 feet

Date: August, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1	04.0	04.3	05.0	05.6	06.2	07.0	07.4	07.9	05.9
2	08.3	09.0	09.9	10.7	11.5	11.7	11.9	11.9	10.6
3	11.8	11.3	11.2	11.5	11.1	10.6	09.8	09.8	10.9
4	09.0	08.9	09.3	10.0	10.7	10.6	10.4	12.1	10.1
5	12.3	13.6	14.8	16.4	17.2	17.3	17.8	17.8	15.9
6	17.2	16.1	15.7	15.0	14.0	12.6	11.7	10.2	14.1
7	09.6	08.2	07.8	07.9	07.8	07.8	07.9	08.0	08.1
8	07.9	07.6	08.0	08.5	08.8	09.0	09.1	09.1	08.5
9	09.4	10.0	10.5	11.9	12.2	12.2	13.0	13.2	11.6
10	13.6	13.2	14.0	13.9	14.2	13.0	11.4	10.6	13.0
11	10.3	09.2	08.9	08.6	08.1	08.0	07.8	07.2	08.5
12	06.2	06.8	07.5	08.1	09.2	09.0	09.4	09.1	08.2
13	08.9	08.6	08.1	08.8	08.6	08.5	07.9	07.2	08.3
14	06.6	05.2	05.3	05.5	----	----	----	----	----
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
Mean	09.9	09.8	10.5	10.5	10.7	10.6	10.4	10.3	10.3

Summer

Mean 09.5 09.3 09.6 10.0 10.2 10.0 10.1 09.8 09.8
18 June-14 August

Lat. : 60° 20' N
Long.: 139° 55' W

Elevation: 6,100 feet

Date: June, 1964

[illegible]

WIND DIRECTION (36-pt. Compass), 150 CM.
SEWARD STATION, ST ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N

Long.: 139° 55' W

Elevation: 6,100 feet

Date: July, 1964

Date	Yukon Standard Time								Prevailing Directions
	03	06	09	12	15	18	21	24	
1	27	27	27	27	26	27	27	27	W
2	03	01	33	27	C	29	27	24	W
3	C	C	C	27	27	30	32	35	NW
4	34	29	31	29	32	27	05	12	NW
5	C	04	29	26	27	30	C	C	W
6	C	31	14	27	03	12	08	06	NE
7	27	27	28	12	28	30	25	36	W
8	27	27	01	35	04	04	29	C	W
9	28	09	11	04	25	25	C	25	W
10	C	26	25	26	C	26	02	29	W
11	28	C	25	28	27	C	30	31	W
12	32	26	01	24	C	31	03	11	NW
13	C	C	C	C	C	23	C	C	C
14	10	09	34	09	C	C	C	C	E
15	C	C	C	C	16	C	09	C	C
16	09	C	11	C	31	C	C	C	E
17	07	09	06	09	C	08	09	09	E
18	C	C	C	C	33	32	33	C	NW
19	C	C	C	27	C	C	C	03	C
20	08	09	C	C	C	C	08	C	E
21	C	06	09	C	C	24	06	04	NE
22	C	10	25	30	30	25	28	26	W
23	27	33	28	27	31	30	33	C	NW
24	C	C	27	27	28	28	33	C	W
25	C	C	C	33	25	C	C	C	C
26	34	C	C	C	C	03	07	07	E
27	07	C	31	33	C	08	C	C	E
28	C	C	C	C	C	08	02	07	E
29	C	09	09	C	C	C	08	09	E
30	07	33	C	C	C	C	11	11	E
31	C	C	07	07	12	10	C	C	E

Lat.: 60° 20' N
Long: 139° 55' W

Elevation: 6,100 feet

Date: August, 1964

[illegible]

TABLE IV-E

87

WIND VELOCITY (m.p.h.), 150 CM.
SEWARD STATION, ST: ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N

Long.: 139° 55' W

Elevation: 6,100 feet

Date: June, 1964

Date	Yukon Standard Time								Mean	Date
	03	06	09	12	15	18	21	24		
1										1
2										2
3										3
4										4
5										5
6										6
7										7
8										8
9										9
10										10
11										11
12										12
13										13
14										14
15										15
16										16
17										17
18	--	--	2	2	C	3	2	C	----	18
19	1	1	5	6	2	2	C	2	2.4	19
20	5	2	C	3	3	3	1	C	2.1	20
21	C	C	5	12	5	5	1	C	3.5	21
22	C	17	29	3	6	1	C	2	7.3	22
23	C	3	C	2	C	2	2	C	1.1	23
24	C	C	3	7	C	6	7	3	3.3	24
25	C	2	1	9	7	2	1	5	3.4	25
26	2	C	C	1	C	C	1	C	0.5	26
27	C	1	C	1	2	C	1	C	0.6	27
28	C	C	C	C	2	1	C	C	0.4	28
29	7	C	3	5	1	2	5	2	3.1	29
30	2	1	3	15	12	7	21	23	10.5	30
31										31
Mean	1.4	2.3	4.1	5.3	3.3	2.6	3.3	3.1	3.2	

TABLE IV-E (con't)

WIND VELOCITY (m.p.h.), 150 CM.
SEWARD STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N
Long.: 139° 55' W

Elevation: 6,100 feet

Date: July, 1964

Date	Yukon Standard Time								Mean	Date
	03	06	09	12	15	18	21	24		
1	23	12	14	23	10	12	5	3	12.8	1
2	5	3	7	5	C	1	5	12	3.2	2
3	C	C	C	2	5	5	6	1	2.4	3
4	5	6	3	3	3	1	6	1	3.5	4
5	C	3	1	3	3	1	C	C	1.4	5
6	C	5	1	2	1	1	2	12	3.0	6
7	7	8	2	2	3	5	2	2	3.9	7
8	2	2	5	3	7	7	1	C	3.4	8
9	5	2	5	2	5	5	C	7	3.9	9
10	C	2	3	7	C	2	2	3	2.4	10
11	6	C	2	3	3	C	1	2	2.1	11
12	1	1	1	1	C	1	2	5	1.5	12
13	C	C	C	C	C	2	C	C	0.3	13
14	3	10	3	3	C	C	C	C	2.4	14
15	C	C	C	C	1	C	2	C	0.4	15
16	3	C	2	C	2	C	C	C	0.9	16
17	5	5	5	2	C	2	2	5	3.3	17
18	C	C	C	C	2	2	5	C	1.1	18
19	C	C	C	2	C	C	C	2	0.5	19
20	2	5	C	C	C	C	3	C	1.3	20
21	C	2	2	C	C	2	2	6	1.8	21
22	C	3	3	3	3	5	7	6	3.8	22
23	3	5	5	5	2	2	2	C	3.0	23
24	C	C	2	2	3	3	2	C	1.5	24
25	C	C	C	2	2	C	C	C	0.5	25
26	3	C	C	C	C	3	5	2	1.6	26
27	1	C	3	3	C	2	C	C	1.1	27
28	C	C	C	C	C	3	2	3	1.0	28
29	C	3	6	C	C	C	3	2	1.8	29
30	6	1	C	C	C	C	2	2	1.4	30
31	C	C	3	3	2	2	C	C	1.3	31
Mean	2.6	2.5	2.5	2.6	1.8	2.2	2.2	2.5	2.3	

WIND VELOCITY (m.p.h.), 150 CM.
SEWARD STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat.: 60° 20' N
Long.: 139° 55' W

Elevation: 6,100 feet

Date: August, 1964

Date	Yukon Standard Time								Mean	Date
	03	06	09	12	15	18	21	24		
1	2	2	C	C	2	C	C	1	0.9	1
2	C	C	C	1	C	C	2	C	0.4	2
3	2	1	C	C	C	2	C	3	1.0	3
4	C	C	2	2	2	7	1	2	2.0	4
5	6	C	1	2	2	C	C	2	1.6	5
6	1	2	2	1	2	1	C	6	1.9	6
7	C	2	1	C	1	2	1	2	1.1	7
8	2	3	C	1	2	C	1	C	1.1	8
9	3	C	3	C	2	3	2	2	1.9	9
10	C	C	C	1	2	C	3	1	0.9	10
11	2	C	5	9	C	C	5	7	3.5	11
12	10	C	8	9	11	16	5	C	7.6	12
13	1	C	2	C	C	1	1	C	0.6	13
14	C	2	C	C	--	--	--	--	----	14
15										15
16										16
17										17
18										18
19										19
20										20
21										21
22										22
23										23
24										24
25										25
26										26
27										27
28										28
29										29
30										30
31										31
Mean	2.2	0.8	1.8	2.0	2.0	2.5	1.6	2.0	1.9	

Summer

Mean 2.2 2.0 2.7 3.1 2.2 2.4 2.3 2.5 2.4
18 June-14 August

PRECIPITATION
SEWARD STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N

Long.: 139° 55' W

Elevation: 6,100 feet

Date: June, 1964

YST	03			06			09			12			15		
Date	Rain		Snow	Rain		Snow	Rain		Snow	Rain		Snow	Rain		Snow
	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18												T			
19			0.6			T			T						
20										T	T				T
21			1.3			T	.13	3.3	T	.01	0.3	T	.01	0.3	T
22	.07	1.8	T												
23			7.5	.08	2.0	T						T			
24			3.8			1.3	0.22	5.6	T			T			T
25			T										.01	0.3	T
26			T	.01	0.3	T			T			T			T
27															
28															
29			0.6			T	.03	0.8	T			T			
30			T			T			T			T			T
31															
Sum	.07	1.8	13.8	.09	2.3	1.3	.38	9.7	T	.01	0.3	T	.02	0.6	T

Note: Snow value in cm. is also melted snow value in mm. assuming 10:1 ratio.

June, 1964
(con't)

YST	18			21			24			Total		
Date	Rain			Rain			Rain			Rain		
	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18			T			0.6			0.6			1.2
19												0.6
20			T						1.0	T	T	1.0
21	T	T	T			T			T	.15	3.8	1.3
22			T			T			T	.07	1.8	T
23			T	.01	0.3	T			7.5	.09	2.3	15.0
24			T			T	.03	0.8	1.3	.25	6.4	6.4
25	.03	0.8	T	.02	0.5	T			T	.07	1.8	T
26												T
27												
28												T
29			T						T	.03	0.8	0.6
30			T			T			T			T
31												
Sum	.03	0.8	T	.03	0.8	0.6	.03	0.8	10.4	.66	16.9	26.1

Note: Snow value in cm. is also melted snow value in mm. assuming 10:1 ratio.

PRECIPITATION
SEWARD STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N

Long.: 139° 55' W

Elevation: 6,100 feet

Date: July, 1964

YST	03			06			09			12			15		
Date	in.	Rain mm.	Snow cm.	in.	Rain mm.	Snow cm.	in.	Rain mm.	Snow cm.	in.	Rain mm.	Snow cm.	in.	Rain mm.	Snow cm.
1			0.6									F			F
2			0.6			1.3	.03	0.8	T			F	.01	0.3	F
3			0.6						T	.06	1.5	T			
4															
5												T			T
6															
7															
8			T	.08	2.0	T									T
9															
10			T			5.1			T	.12	3.0	T			T
11			T						T						
12															
13						T									
14															
15															
16															
17															
18															
19															
20															
21															
22															
23			T			T			T			F			F
24			T									F			F
25						T						F			F
26															
27												T			
28	.03	0.8		.01	0.3								T		
29															
30															
31							T			.02	0.5		.02	0.5	
Sum	.03	0.8	1.8	.09	2.3	6.4	.03	0.8	T	.20	5.0	T	.03	0.8	T

Note: Snow value in cm. is also melted snow value in mm. assuming 10:1 ratio.

July, 1964
(con't)

YST	18			21			24			Total		
Date	Rain		Snow	Rain		Snow	Rain		Snow	Rain		Snow
	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.
1			T			T			0.6			1.2
2	.01	0.3	T			T			T	.05	1.3	1.9
3			T			T				.06	1.5	0.6
4												T
5			T									T
6												
7						T			2.3			2.3
8			T			T			T	.08	2.0	T
9						T			T			T
10			T			T			T	.12	3.0	5.1
11												T
12												
13												T
14												
15												
16												
17												
18												
19												
20												
21												
22			T	.01	0.3	T			T	.01	0.3	T
23			T			T			T			T
24			T			T			T			T
25	.01	0.3	T	.01	0.3	T				.02	0.5	T
26												
27	T			.01	0.3		.07	1.8		.08	2.0	T
28										.04	1.0	
29												
30												
31	.01	0.3		.01	0.3		.06	1.5		.12	3.0	T
Sum	.03	0.8	T	.04	1.0	T	.13	3.3	2.9	.58	14.7	11.1

Note: Snow value in cm. is also melted snow value in mm. assuming 10:1 ratio.

PRECIPITATION
SEWARD STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N

Long.: 139° 55' W

Elevation: 6,100 feet

Date: August, 1964

YST	03			06			09			12			15		
Date	Rain	Snow		Rain	Snow		Rain	Snow		Rain	Snow		Rain	Snow	
	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.
1	.03	0.8		.19	4.8		.15	3.8		.01	0.3		T	T	
2							T	T		.01	0.3				
3				T	T										
4													T	T	
5															
6			0.3									T			
7															
8															
9															
10			T	.01	0.3	T			T						T
11	.05	1.3		.20	5.1		T	T		.06	1.5				
12	T	T		.16	4.1				T	.01	0.3	T			
13						T									
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
Sum	.08	2.0	0.3	.56	14.2	T	.15	3.8	T	.09	2.3	T	T	T	T

Note: Snow value in cm. is also melted snow value in mm. assuming 10:1 ratio.

Summer Total .18 4.6 15.9 .174 18.8 7.7 .56 14.2 T .30 7.6 T .05 1.3 T

18 June-14 August

August, 1964
(con't)

YST	18			21			24			Total		
Date	Rain		Snow	Rain		Snow	Rain		Snow	Rain		Snow
	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.	in.	mm.	cm.
1	.02	0.5								.40	10.2	
2										.01	0.3	
3										T	T	
4												T
5									T			T
6												0.3
7												
8												
9			T	.01	0.3				T	.01	0.3	T
10							T	T		.01	0.3	T
11							T	T		.31	7.9	
12									T	.17	4.3	T
13			T									T
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Sum	.02	0.5	T	.01	0.3		T	T	T	.91	23.1	0.3

Note: Snow value in cm. is also melted snow value in mm. assuming 10:1 ratio.

Summer .08 2.0 T .08 2.0 0.6 0.16 4.1 13.3 2.15 54.6 37.5

Total

18 June-14 August

TABLE IV-G

RELATIVE HUMIDITY (PERCENTAGE)
SEWARD STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N

Long.: 139° 55' W

Elevation: 6,100 feet

Date: June, 1964

[illegible]

RELATIVE HUMIDITY (PERCENTAGE)
SEWARD STATION, ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. : 60° 20' N

Long.: 139° 55' W

Elevation: 6,100 feet

Date: July, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1	--	--	--	--	--	--	--	--	----
2	--	--	87	100	100	96	--	--	----
3	--	--	88	100	100	100	100	--	----
4	--	--	92	93	93	89	100	--	----
5	--	100	93	100	93	100	--	--	----
6	--	91	91	75	96	96	--	75	----
7	64	65	56	61	96	80	100	100	77.8
8	96	100	96	79	93	100	100	--	----
9	--	--	65	74	--	100	100	--	----
10	--	--	100	100	100	100	91	--	----
11	--	--	100	79	93	93	--	100	----
12	--	--	92	93	94	100	95	--	----
13	--	--	100	96	93	93	72	81	----
14	100	96	75	84	61	90	60	80	
15	66	80	--	83	76	74	86	67	----
16	71	70	62	75	75	67	76	82	72.3
17	85	72	73	70	69	87	72	85	76.6
18	89	73	64	65	94	80	85	87	79.6
19	88	84	88	85	96	82	95	90	88.5
20	79	80	93	77	68	83	84	75	79.9
21	78	85	89	94	87	87	89	92	87.6
22	92	100	100	100	100	100	--	--	----
23	--	--	96	92	85	100	100	--	----
24	--	100	100	100	100	100	--	--	----
25	--	100	89	100	89	100	88	--	----
26	84	84	76	71	70	73	65	59	72.8
27	60	76	73	82	100	92	93	100	84.5
28	96	85	82	80	65	82	72	79	80.1
29	79	78	76	65	57	62	75	81	71.6
30	85	85	74	65	68	73	82	79	76.4
31	76	72	96	93	93	96	93	100	89.9

Lat. : 60° 20' N
Long.: 139° 55' W Elevation: 6,100 feet Date: August, 1964

[illegible]

CLOUDINESS (TENTHS OF SKY DOME)
 (Amount obscured by fog in parentheses)
 SEWARD STATION, ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat. : 60° 20' N
 Long.: 139° 55' W

Elevation: 6,100 feet

Date: June, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18	--	--	9	9	8	10(10)	10(10)	10	---
19	10(10)	10(10)	10(10)	10(10)	10(10)	10	10	10	10.0
20	10	9	10	10	10	10	10	10	9.9
21	10	10	10(10)	10(10)	10(10)	10(10)	10	10	10.0
22	8	4	5	8	9	8	9	10	7.6
23	10	5	10	10	10	10(10)	10	10	9.4
24	10	10	10(10)	10(10)	10(10)	10(10)	10(10)	10(10)	10.0
25	10(10)	10	10(10)	10(10)	10(10)	10(10)	10	10	10.0
26	10	10	10(10)	10(10)	10(10)	10(10)	10	10(10)	10.0
27	7	7	9	6	3	5	5	10	6.5
28	3	0	0	1	10(10)	10(10)	10	10(10)	5.5
29	10(10)	10(10)	10	10(10)	10(10)	10(10)	10(10)	10(10)	10.0
30	10(10)	10(10)	10(10)	10(10)	10(10)	10	10	10	10.0
31									
Mean	9.0	7.9	8.7	8.8	9.2	9.5	9.5	10.0	9.1

TABLE IV-H (con't)

CLOUDINESS (TENTHS OF SKY DOME)
 (Amount obscured by fog in parentheses)
 SEWARD STATION, ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat. : 60° 20' N

Long.: 139° 55' W

Elevation: 6,100 feet

Date: July, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1	10(10)	10	10	10	10	10(10)	10	10	10.0
2	10	10(10)	10	10(10)	10(10)	10(10)	10	10(10)	10.0
3	10	10	10	10(10)	10(10)	10(10)	10	10	10.0
4	10	10(10)	10	10(10)	8	4	9	10	8.9
5	10	9	10	10(10)	10(10)	10	10	8	9.6
6	10	10	6	1	1	0	0	3	3.9
7	9	10	10	7	8	10	10	10(10)	9.3
8	10	10(10)	7	10	5	10	10	10	9.0
9	8	4	1	10	10	10	10(10)	10(10)	7.9
10	10	10(10)	10(10)	10(10)	10(10)	10(10)	9	10	9.9
11	10(10)	10(10)	10	10	10	10	10	10(10)	10.0
12	10	10(10)	9	3	1	10	1	6	6.1
13	8	8	8	6	2	0	0	0	4.0
14	0	0	0	0	0	0	0	0	0.0
15	0	1	1	1	0	1	0	0	0.5
16	0	1	3	1	0	0	0	0	0.6
17	0	1	1	1	1	0	0	0	0.5
18	0	0	0	0	6	8	7	2	2.9
19	1	2	1	8	9	1	2	6	2.8
20	6	1	3	1	0	0	0	0	1.4
21	0	0	0	0	0	0	1	6	0.9
22	5	8	10	10	10(10)	10(10)	10(10)	10(10)	9.1
23	10(10)	10(10)	10	10	10	10(10)	10	10	10.0
24	10(10)	10	10(10)	10(10)	10(10)	10(10)	10	10	10.0
25	9	10	9	10(10)	10	10	4	3	0.9
26	5	3	7	0	0	0	0	5	2.5
27	10	10	10	10	10	10	10	10	10.0
28	10	7	2	7	9	9	3	5	6.5
29	8	2	1	3	2	1	0	0	2.1
30	1	5	5	3	3	2	2	5	3.3
31	7	9	10	10	10	10	10	10	9.5
Mean	6.7	6.5	6.3	6.2	6.0	6.0	5.4	6.1	5.9

CLOUDINESS (TENTHS OF SKY DOME)
 (Amount obscured by fog in parentheses)
 SEWARD STATION, ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat.: 60° 20' N

Long.: 139° 55' W

Elevation: 6,100 feet

Date: August, 1964

Date	Yukon Standard Time								Mean
	03	06	09	12	15	18	21	24	
1	10	10	10	10	10(10)	10(10)	10(10)	9	9.9
2	9	9	9	6	7	6	9	8	7.9
3	10	10	10	10	10	4	2	--	---
4	9	10	8	10	10	10	10	10	9.6
5	10	10	9	10	9	7	10	10	9.4
6	10	9	10	10	7	5	8	9	8.5
7	4	3	3	3	5	3	6	2	3.6
8	1	5	3	5	2	0	0	0	2.0
9	0	0	5	10	10	10(10)	10(10)	10(10)	6.9
10	8	10	10	10	10	10	10	10	9.8
11	10	10	10	10	3	6	6	10	8.1
12	10	10	10	10	6	5	10	10	7.9
13	7	10	3	6	8	9	9	8	7.5
14	7	6	8	8	--	--	--	--	---
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
Mean	7.5	8.0	7.7	8.4	7.5	6.5	7.7	8.0	7.6
Summer Mean 18 June-14 August	7.4	7.2	7.2	7.3	7.1	6.9	6.9	7.4	7.2

SHELTER AIR TEMPERATURE (°F)
TERMINUS (KASKAWULSH), ST. ELIAS MOUNTAINS
YUKON TERRITORY, CANADA

Lat. :

Long.:

Elevation:

Date:

June, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11						58.0	50.0	40.1	----	----	----
12	36.8	35.4	47.1	57.0	62.8	59.6	51.3	43.8	49.1	64.0	34.2
13	39.8	37.1	46.0	55.2	62.2	62.0	53.4	41.2	49.6	64.1	34.0
14	38.7	37.9	43.8	54.2	53.7	51.8	46.0	36.4	45.3	56.8	33.7
15	35.2	33.2	42.8	54.0	56.7	55.8	50.2	38.5	45.8	58.0	31.8
16	34.0	35.9	44.0	57.7	63.4	62.0	52.1	46.7	49.5	66.0	32.8
17	45.5	42.4	42.2	40.3	56.9	54.0	50.0	38.2	46.2	57.2	40.3
18	35.9	36.8	40.5	52.1	60.4	53.1	44.1	40.0	45.4	61.1	35.9
19	37.9	36.8	44.2	51.2	54.3	50.0	40.2	34.7	43.7	54.3	34.7
20	32.5	33.1	36.5	39.8	44.0	44.5	36.3	32.6	37.4	46.4	32.5
21	31.6	31.0	36.1	39.8	41.6	36.1	34.2	32.2	35.3	41.6	30.4
22	32.3	32.5	39.7	47.2	49.6	41.0	----	----	----	----	----
23	----	----	----	----	----	----	----	----	----	----	----
24	----	----	----	----	----	----	----	----	----	----	----
25	----	----	----	----	----	----	----	----	----	----	----
26	----	----	----	----	----	----	----	----	----	----	----
27	----	----	----	----	----	----	----	----	----	----	----
28	----	----	----	----	----	----	----	----	----	----	----
29	----	----	----	57.6	58.3	55.2	45.0	40.3	----	62.9	----
30	39.5	40.0	52.4	53.1	52.1	45.8	41.9	39.8	45.6	54.2	38.1
31											
Mean	36.6	36.0	42.9	50.7	55.1	52.1	45.7	38.8	44.8	57.2	34.4

SHELTER AIR TEMPERATURE (°F)
 TERMINUS (KASKAWULSH), ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat. :

Long. :

Elevation:

Date: July, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1	37.9	40.0	46.2	53.1	51.6	47.8	42.0	39.5	44.8	54.3	37.8
2	38.2	41.4	47.7	47.4	51.7	48.8	42.4	39.2	44.6	52.1	37.9
3	38.1	42.1	50.8	56.0	56.3	52.0	45.2	40.6	47.6	57.6	37.9
4	35.7	42.2	51.2	54.1	61.7	57.6	47.0	41.7	48.9	62.1	35.7
5	38.4	42.2	50.1	57.7	57.5	52.4	43.7	38.2	47.5	58.3	36.3
6	35.0	40.1	49.8	56.0	62.8	59.9	50.0	46.0	50.0	63.8	33.8
7	42.4	42.0	46.2	53.8	58.4	51.8	42.1	42.0	47.3	62.8	40.4
8	41.6	45.8	55.6	56.0	50.7	51.1	48.1	41.8	48.8	58.2	39.8
9	38.5	44.2	53.2	53.8	52.5	50.6	42.9	39.2	46.9	54.1	35.8
10	38.0	37.3	42.5	52.0	54.4	50.6	44.0	41.1	44.6	54.4	36.8
11	38.6	42.8	52.1	59.0	59.3	52.8	44.6	40.0	48.7	60.0	38.6
12	37.7	42.0	46.2	55.7	62.1	56.2	50.8	45.1	49.5	63.8	37.7
13	42.0	39.2	46.3	51.0	56.1	52.2	46.0	42.4	46.9	59.7	39.2
14	42.2	47.0	60.2	56.0	70.0	54.8	47.1	39.8	52.1	70.0	39.8
15	38.0	45.3	57.7	66.0	64.2	59.2	49.2	43.7	52.9	69.2	37.8
16	39.7	58.0	62.7	69.8	72.0	63.8	53.1	50.2	58.7	72.2	39.7
17	44.2	52.1	62.3	70.1	71.7	63.8	54.0	45.8	58.0	72.1	42.4
18	40.3	48.2	58.0	66.4	70.0	60.0	49.7	44.4	54.6	70.0	40.0
19	41.8	42.5	49.7	52.0	59.8	57.8	46.1	42.4	49.0	59.8	39.6
20	42.0	42.3	49.4	-----	-----	55.8	47.2	41.8	-----	-----	41.8
21	36.8	43.2	50.8	64.0	67.5	65.3	52.8	47.1	53.4	68.2	35.9
22	43.1	48.0	54.8	60.2	62.0	50.2	45.8	42.3	50.8	63.4	40.6
23	41.8	43.2	48.8	58.4	59.8	52.5	54.0	39.8	49.8	61.8	39.8
24	40.2	42.1	50.8	56.0	51.6	49.5	42.5	38.3	46.4	57.2	37.8
25	37.8	39.4	40.9	48.0	56.0	51.6	43.9	40.8	44.8	56.0	36.2
26	39.1	41.7	49.6	62.2	63.1	59.9	51.2	48.8	52.0	65.6	37.9
27	42.4	43.5	52.1	50.8	47.0	42.2	40.6	38.4	44.6	52.1	38.4
28	40.0	46.8	53.7	56.4	60.1	54.7	44.0	40.8	49.6	60.8	37.9
29	37.9	43.0	58.2	66.8	69.8	59.6	51.8	45.5	54.1	69.8	37.9
30	40.0	43.2	51.5	54.8	53.8	47.1	44.5	43.9	47.4	55.8	40.0
31	42.4	44.2	46.2	47.6	48.5	45.8	43.9	41.2	45.0	49.9	41.2
Mean	39.7	43.7	51.5	57.0	59.4	54.1	46.8	42.3	49.3	61.2	38.5

SHELTER AIR TEMPERATURE (°F)
 TERMINUS (KASKAWULSH), ST. ELIAS MOUNTAINS
 YUKON TERRITORY, CANADA

Lat. :

Long.:

Elevation:

Date: August, 1964

Date	Yukon Standard Time								Mean	Max.	Min.
	03	06	09	12	15	18	21	24			
1	41.2	44.0	48.8	50.2	52.0	48.1	43.8	43.6	46.5	54.0	41.0
2	39.2	42.2	50.0	56.8	58.7	53.7	44.4	42.1	48.4	59.6	38.5
3	41.6	41.9	48.1	53.8	53.7	51.8	43.1	39.4	46.7	58.2	39.0
4	37.4	43.2	52.5	59.2	60.2	49.7	42.1	36.8	47.6	60.2	35.9
5	36.1	42.2	50.0	56.8	58.2	50.3	44.0	37.8	46.9	60.0	34.0
6	37.9	43.7	50.3	55.6	58.9	51.1	44.5	40.2	47.8	59.7	35.4
7	36.7	42.0	52.1	60.0	54.1	51.2	44.8	39.8	47.6	60.0	35.9
8	35.8	45.6	54.2	59.8	60.1	52.7	40.5	38.3	48.4	63.8	35.1
9	37.6	44.1	52.2	59.4	55.3	48.0	43.9	39.2	47.5	59.4	36.0
10	35.0	44.8	51.1	57.9	56.8	50.4	46.3	43.9	48.3	58.7	35.0
11	40.8	42.2	50.5	57.7	64.1	58.4	52.1	42.4	51.0	66.4	40.2
12	46.2	46.8	50.3	59.8	56.7	54.8	42.7	39.8	49.6	61.6	39.2
13	38.2	38.4	47.4	57.8	59.7	51.8	42.5	37.1	46.6	59.7	35.9
14	34.0	38.2	48.3	57.7	56.0	50.2	44.0	35.6	45.5	60.4	32.3
15	33.7	37.0	42.6	54.0	59.9	48.2	44.6	40.1	45.0	60.0	32.8
16	38.4	40.1	50.0	55.1	61.7	52.2	45.8	40.2	47.9	62.0	33.9
17	40.0	39.8	49.4	58.2	59.4	51.7	43.0	37.8	47.4	59.4	37.8
18	34.2	36.0	45.1	-----	-----	-----	-----	-----	-----	-----	-----
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Mean	38.0	41.8	49.6	57.0	58.0	51.4	44.2	39.7	47.6	60.2	36.3
Summer Mean 11 June-18 August	38.6	41.6	49.2	55.7	58.1	52.9	45.8	40.8	47.9	60.1	37.1

TEMPERATURE ($^{\circ}$ F) AND PRECIPITATION (INCHES)
 EXPERIMENTAL FARM (HAINES JUNCTION)
 YUKON TERRITORY, ALASKA

Lat. : $60^{\circ} 45'$ NLong.: $137^{\circ} 35'$ W

Elevation: 1,965 feet

Date: June, 1964

Date	Temperature ($^{\circ}$ F) Yukon Standard Time						Precipitation
	06	09	12	15	Max.	Min.	
1	42	52	60	63	66	43	.22
2	48	54	60	64	65	38	.13
3	47	48	48	53	59	44	.15
4	42	59	66	71	71	29	
5	47	58	63	60	63	36	
6	47	56	64	69	72	31	
7	--	71	74	68	77	54	
8	53	66	76	78	79	39	
9	55	62	66	66	68	38	
10	54	60	66	62	67	47	
11	48	50	57	67	67	44	
12	48	60	70	74	76	34	
13	52	61	68	68	71	41	
14	50	58	62	64	67	45	
15	48	56	59	62	65	34	
16	51	61	69	72	76	38	
17	52	57	64	70	72	51	.04
18	52	59	65	64	74	--	
19	52	58	61	63	64	49	.01
20	46	49	51	53	55	34	.33
21	--	47	50	50	55	41	.02
22	46	50	55	59	61	42	
23	45	54	62	56	63	39	
24	50	56	62	61	63	35	
25	--	57	62	59	63	40	
26	47	52	60	57	60	39	
27	47	55	63	60	66	38	.11
28	48	54	62	63	65	46	
29	49	53	61	62	63	33	
30	46	56	56	57	59	40	
31							
Mean	48.6	56.3	62.1	63.2	66.4	40.1	
Sum							1.01

TEMPERATURE (°F) AND PRECIPITATION (INCHES)
 EXPERIMENTAL FARM (HAINES JUNCTION)
 YUKON TERRITORY, ALASKA

Lat. : 60° 45' N

Long.: 137° 35' W

Elevation: 1,965 feet

Date: July, 1964

Date	Temperature (°F) Yukon Standard Time				Max.	Min.	Precipitation
	06	09	12	15			
1	49	51	54	57	60	46	
2	48	51	53	54	57	46	
3	49	52	59	62	63	46	
4	46	56	59	63	60	42	
5	47	55	59	60	62	35	
6	46	54	60	64	67	27	
7	50	55	64	69	60	35	.21
8	42	50	60	62	65	38	
9	46	57	58	58	61	32	.27
10	44	48	55	59	60	45	
11	54	58	60	62	63	47	
12	--	55	62	66	67	30	.05
13	46	52	56	61	63	44	.14
14	52	62	68	74	74	45	.02
15	45	61	66	69	70	40	
16	51	63	72	76	76	39	
17	49	64	72	76	77	40	
18	46	62	69	70	72	39	
19	47	55	60	63	65	38	.09
20	46	51	57	58	62	46	.14
21	47	61	65	70	72	41	
22	52	62	64	65	67	36	
23	51	57	61	62	65	46	
24	47	56	61	57	63	41	
25	42	55	56	60	62	35	
26	46	55	65	69	73	45	
27	49	58	59	54	60	40	.32
28	49	53	60	63	64	46	
29	48	68	70	74	75	41	
30	52	56	60	65	60	51	.18
31	54	55	59	60	62	53	.77
Mean	48.0	56.4	61.4	63.9	65.4	41.1	
Sum							2.19

TEMPERATURE (°F) AND PRECIPITATION (INCHES)
 EXPERIMENTAL FARM (HAINES JUNCTION)
 YUKON TERRITORY, ALASKA

Lat. : 60° 45' N

Long.: 137° 35' W

Elevation: 1,965 feet

Date: August, 1964

Date	Temperature (°F) Yukon Standard Time				Max.	Min.	Precipitation
	06	09	12	15			
1	--	54	56	61	64	50	.01
2	50	53	57	62	63	49	
3	51	53	62	62	66	48	
4	52	59	64	66	67	48	
5	41	55	62	68	67	31	
6	45	55	59	65	66	37	
7	42	54	62	59	60	36	
8	46	56	64	66	68	37	.04
9	44	57	63	63	66	33	
10	47	54	61	59	63	45	
11	48	53	61	68	70	46	.03
12	43	48	60	61	65	35	
13	43	54	61	64	64	31	
14	39	52	61	59	64	27	
15	35	47	58	59	62	31	
16	39	52	59	63	65	31	
17	46	51	60	62	63	37	
18	36	52	57	55	58	30	
19	42	51	57	59	62	35	
20	34	53	58	60	62	26	
21	36	53	55	60	60	27	
22	31	45	55	60	62	22	
23	36	51	62	62	64	33	
24	--	56	60	60	64	40	
25	49	50	55	60	62	41	.26
26	--	43	46	46	62	33	.01
27	48	51	57	58	60	33	.78
28							
29							
30							
31							
Mean	42.6	52.3	59.0	61.0	63.7	36.0	
Sum							1.13
Summer							
Mean	46.6	55.1	60.9	62.8	65.2	39.2	
1 June-27 August							
Summer							
Sum							4.33
1 June-27 August							

METEOROLOGICAL INSTRUMENTATION, 1964

ICEFIELD RANGES RESEARCH PROJECT¹BASE CAMP (LAKE KLUANE)

H. J. Green instrument shelter, type 176 containing:
Weksler maximum thermometer (-10/125°F), 1°F divisions
Weksler minimum thermometer (-90/80°F), 1°F divisions
Bendix-Friez hygrothermograph, model 594, Q.M. 18133 (weekly charts)
Wallace and Tiernan barometer, type ML-316/TM, serial 1047
Lambrecht sunshine recorder, type 1605 (45-90° lat.)
Weksler sling psychrometer (-35/115°F), ML-24, 1°F divisions
H. J. Green 3-cup anemometer, type 323F, serial A1000
H. J. Green 8-inch rain gauge, model 340
Instruments Corp. pyroheliograph, serial 207 (weekly charts)

CACHE DIVIDE

H. J. Green instrument shelter, type 176, containing:
Weksler maximum thermometer (-10/125°F), 1°F divisions
Weksler minimum thermometer (-90/80°F), 1°F divisions
Bendix-Friez thermograph, ML 77, QM 19372 (weekly charts)

CAIRN B-DIVIDE

H. J. Green instrument shelter, type 176, containing:
Weksler dry bulk thermometer (-35/115°F), 1°F divisions
Belfort Instruments hygrothermograph, P-1929-IA (weekly charts)

DIVIDE STATION

H. J. Green instrument shelter, type 176, containing:
Weksler maximum thermometer (-10/125°F), 1°F divisions
Weksler minimum thermometer (-90/80°F), 1°F divisions
Bendix-Friez hygrothermograph, model 594, QM 19450 (weekly charts)
Wallace and Tiernan barometer, type ML-316/TM, serial 200
Lambrecht sunshine recorder, type 1605 (45-90° lat.)
H. J. Green 3-cup anemometer, type 323F, serial A998
H. J. Green 8-inch rain gauge, model 340
Bendix aspirating psychrometer
Instruments Corp. pyroheliograph, serial 235 (weekly charts)

¹This listing does not include instrumentation used in snow studies nor micrometeorological instruments and equipment.

KASKAWULSH STATION

Goldsman, Inc. instrument shelter, S-101/UM, containing:
Bendix-Friez thermograph, ML 77, QM 19375 (weekly charts)
Weksler maximum thermometer (-10/125°F), 1°F divisions
Weksler minimum thermometer (-90/80°F), 1°F divisions
Weksler sling psychrometer (-35/115°F), 1°F divisions

SEWARD STATION

Goldsman, Inc., instrument shelter, S-101/UM containing:
Weksler maximum thermometer (-10/125°F), 1°F divisions
Weksler minimum thermometer (-90/80°F), 1°F divisions
Bendix-Friez hygrothermograph, model 594, serial 7688 (weekly charts)
Wallace and Tiernan aspirating psychrometer (-35/60°F), 1°F divisions,
type ML-436/PMQ-1, serial 75
Alnor velometer (0-8/0-40 knots), type 8100, serial Y4074
Wallace and Tiernan barometer, type ML-459/PMQ-1, serial 75
W. S. Jenks 8-inch rain gauge, U.S.W.B. #15100

SEWARD ICE

Meteorological Branch, Canada, instrument shelter containing:
Bendix-Friez hygrothermograph, Model 594, Q.M. 19345 (weekly charts)

TERMINUS STATION

H. J. Green instrument shelter type 176, containing:
Bendix-Friez hygrothermograph, Model 594, QM 34791 (weekly charts)
H. J. Green instrument shelter, type 176 (destroyed by bear)

