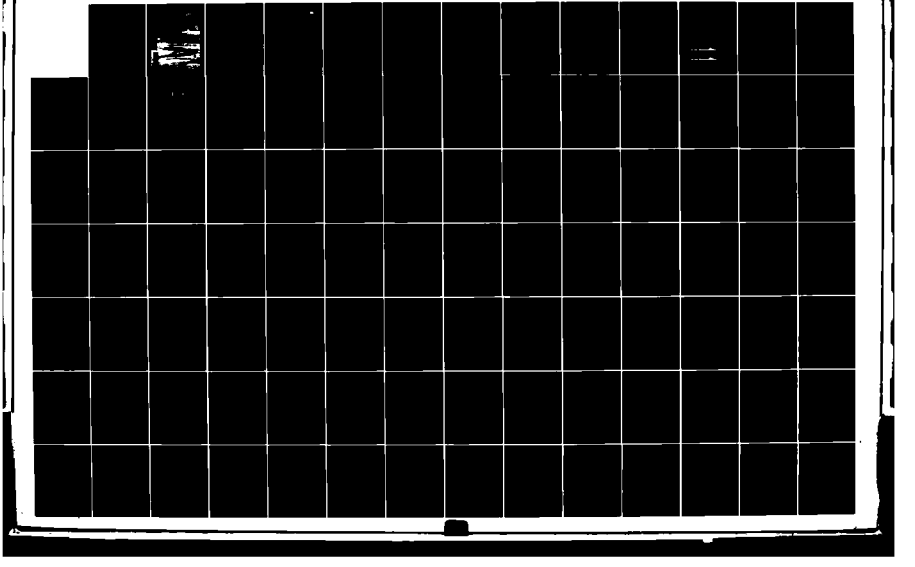
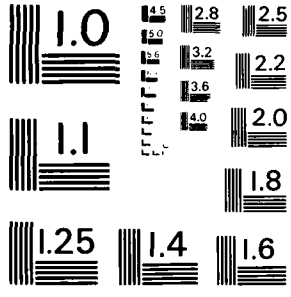
AD-A123 719 CLIMATE OF REMOTE AREAS IN NORTH-CENTRAL ALASKA: 1976-1979 SUMMARY(U) COLD REGIONS RESEARCH AND ENGINEERING LAB HANOVER NH R K HAUGEN NOV 82 1/2

UNCLASSIFIED CRREL-82-36 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

CRREL

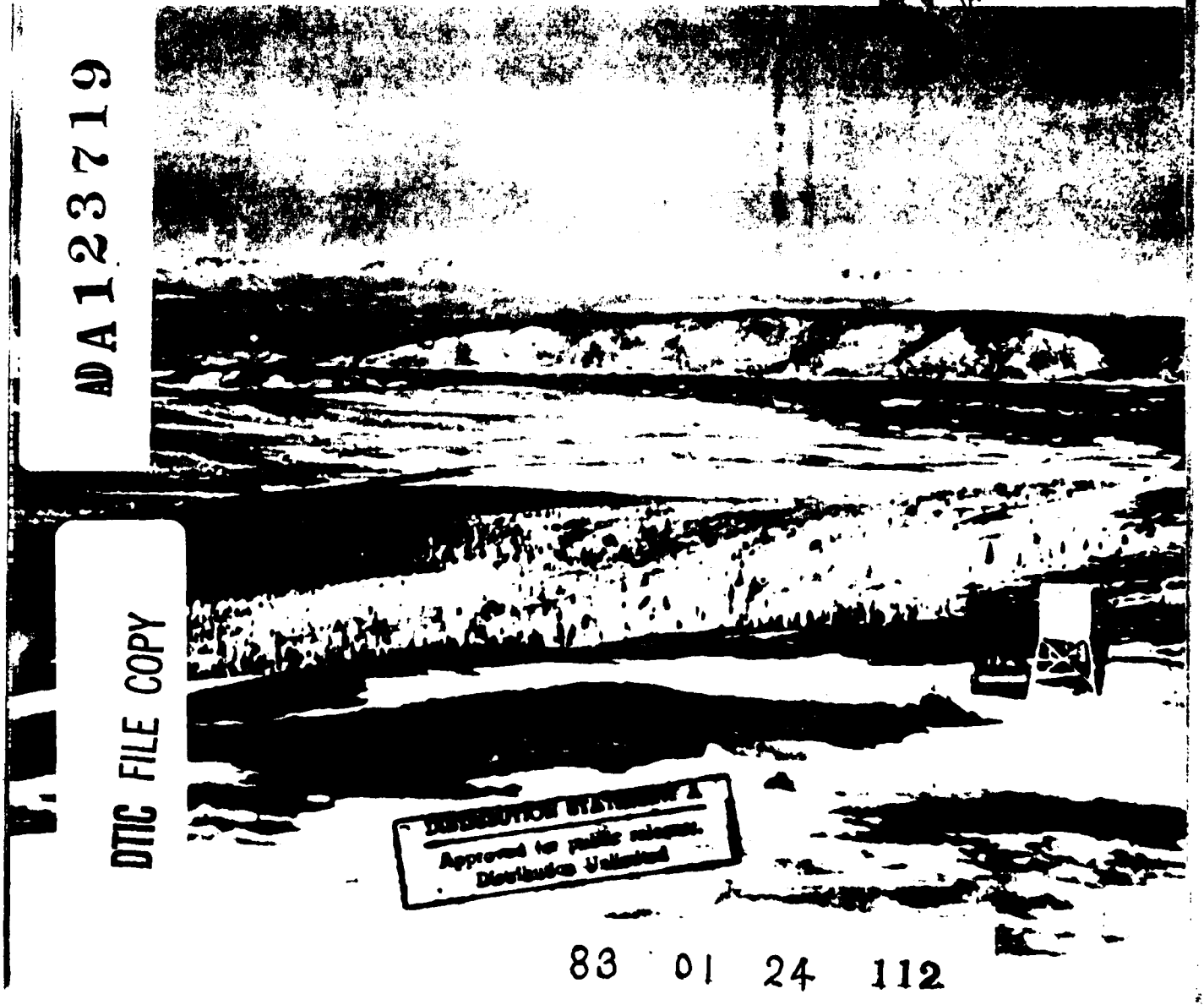
REPORT 82-35

US Army Corps
of Engineers
Cold Regions Research &
Engineering Laboratory

Climate of remote areas in north-central Alaska

1975 – 1979 summary

DTIC
JAN 25 1983
D



AD A123719

DTIC FILE COPY

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

83 01 24 112

For conversion of SI metric units to U.S./ British customary units of measurement consult ASTM Standard E380, Metric Practice Guide, *published by the American Society for Testing and Materials, 1916 Race St., Philadelphia, Pa. 19103.*

Cover: Remote climatic site at Gobbler's Knob. Yukon River – Prudhoe Bay Haul Road (Dalton Highway) is in the background.

CRREL Report 82-35

November 1982

Climate of remote areas in north-central Alaska

1975 – 1979 summary

Richard K. Haugen

DTIC
ELECTE
JAN 25

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

Prepared for
OFFICE OF THE CHIEF OF ENGINEERS
Approved for public release; distribution unlimited.

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER: CRREL Report 82-35 ✓ 2. GOVT ACCESSION NO.: AD-A1237	3. RECIPIENT'S CATALOG NUMBER: 19
4. TITLE (and Subtitle): CLIMATE OF REMOTE AREAS IN NORTH-CENTRAL ALASKA: 1975-1979 SUMMARY	5. TYPE OF REPORT & PERIOD COVERED
	6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s): Richard K. Haugen	8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS: U.S. Army Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire 03755	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS: DA Project 4A161102AT24, Scientific Area A2, Work Unit 002
11. CONTROLLING OFFICE NAME AND ADDRESS: Office of the Chief of Engineers, Washington, D.C. 20314*	12. REPORT DATE: November 1982
	13. NUMBER OF PAGES: 114
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)	15. SECURITY CLASS. (of this report): Unclassified
	15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

*Additional support from the U.S. Federal Highway Administration, Department of Energy, and U.S. Geological Survey.

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Alaska	Low temperature
Atmospheric temperature	Rainfall
Climate	Snow
High temperature	

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

Air temperature, precipitation, and some ground surface temperatures predominantly from remote areas of central and northern Alaska are statistically and graphically summarized on a monthly basis for a five-year period (1975-79). The remote site data were obtained during the course of several CRREL investigations. To provide a more comprehensive coverage, these data are presented together with data obtained at National Weather Service stations in the area. The analysis is based on four climatic regions within the study area: the Continental Interior, the Brooks Range, the Arctic Foothills, and the Arctic Coastal Plain. A detailed analysis of coastal-inland summer air temperature gradients on the Arctic Coastal Plain is given. Station histories for the 1975-79 period and tabulated air and ground temperature statistics are included as appendices.

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

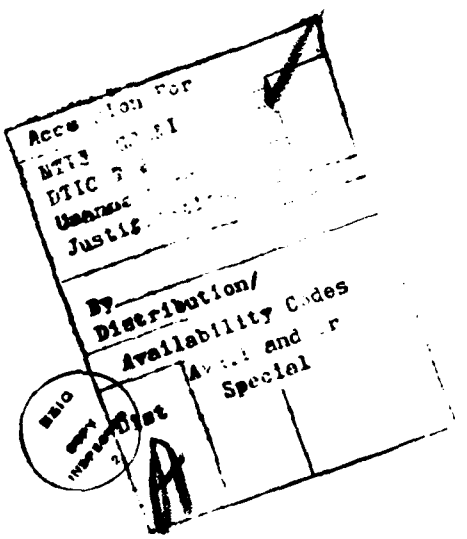
PREFACE

This report was prepared by Richard K. Haugen, Geographer, of the Earth Sciences Branch, Research Division, U.S. Army Cold Regions Research and Engineering Laboratory. This investigation was conducted under DA Project 4A161102AT24, *Research in Snow, Ice and Frozen Ground*, Scientific Area A2, *Cold Regions Environmental Interactions*, Work Unit 002, *Cold Regions Environmental Factors*, with U.S. Federal Highway Administration and Department of Energy funding and additional support from the U.S. Geological Survey's program on the National Petroleum Reserve-Alaska.

The author thanks Richard Mead, Peter Kelemen, Jill Fredston, and Donald Skantze for assistance in extraction of data from the thermograph charts, data handling, computer processing, and verification totaling over one half million data points. Gary DeCoff provided the computer programming. Many individuals assisted in servicing the instruments in the field: Charles Collins, CRREL Alaskan Projects Office; Donald Walker, University of Colorado; Dr. Jerry Brown and Dr. Richard Berg of CRREL; and Dr. Larry Onesti, University of Indiana. The U.S. Army Alaska Meteorological Team, stationed at Fort Wainwright, Alaska, collected and reduced many of the station records for areas south of the Yukon River, and their participation is greatly appreciated both for data collection and for assistance in operating the field instrumentation network.

The cooperation of the Alyeska Pipeline Service Company in providing access to the Haul Road and many of the sites during pipeline construction is greatly appreciated. Personnel of the Fairbanks Forecast Office of the National Weather Service (especially Judy Smith), and James Wise of the Arctic Environmental Information and Data Center, Anchorage, have been especially helpful in supplying copies of original observational data from the pipeline stations.

Terry May, Joseph Williams and David Best and personnel of the Naval Arctic Research Laboratory provided assistance in collection of the Atkasook data, in cooperation with the National Science Foundation's program, *Research on Arctic Tundra Environments* (RATE).



CONTENTS

	Page
Abstract	i
Preface	ii
Introduction	1
Data base	1
Haul Road climate	3
Regional description	3
Climatic data base	4
Temperature	4
Precipitation	9
Arctic slope summer climate	11
Regional description	11
Methods	14
Results and discussion	14
Temperature	14
Precipitation	18
Summary	18
Interior Alaska	18
Brooks Range	18
Arctic Foothills	18
Arctic Coastal Plain	19
Literature cited	19
Appendix A. Alphabetical list of all stations and month-by-month inventory of available data	21
Appendix B. Monthly and annual statistics for temperature and precipitation	29

ILLUSTRATIONS

Figure		
1.	Location of CRREL and National Weather Service stations in north-central Alaska	2
2.	Cross sections of the vertical temperature distribution for the Haul Road transect	3
3.	Annual temperature regimes for Haul Road stations	5
4.	Climatic transects for the Haul Road	8
5.	Location of the littoral tundra zone and location of stations used in this report	12
6.	Regression for estimation of normal monthly temperatures for Atkasook	14
7.	Relationship between the mean air temperatures in July and the distance inland along the prevailing wind vector on the Arctic Slope of Alaska	17
8.	Diurnal ranges of air temperatures for July 1977 for stations at various distances due south of coast	17
9.	Average thawing degree-days at various distances from the coast along the prevailing wind vector for available littoral stations	17
10.	Average thawing degree-days at various distances due south from the coast for all stations	17

TABLES

Table		
1.	Monthly, annual and seasonal air temperature summary for Haul Road stations	6
2.	Monthly and seasonal surface transfer coefficients	9
3.	Total annual precipitation	9
4.	Thaw season precipitation totals	10

		Page
5.	Unfrozen vs frozen precipitation, Wyoming snow gage	10
6.	Greatest one-day precipitation, unfrozen	11
7.	Range of climatic values	11
8.	Comparison of mean monthly air temperatures and precipitation on the Arctic Slope of Alaska	13
9.	Station data for analysis of summer air temperatures	15
10.	Regression equations for summer air temperatures in relation to geographic location	15

CLIMATE OF REMOTE AREAS IN NORTH-CENTRAL ALASKA 1975-1979 Summary

Richard K. Haugen

INTRODUCTION

Over the past decade, several CRREL projects have been established for acquiring climatic data from stations at high elevation and remote locations in north-central Alaska to supplement standard National Weather Service data acquisition. These projects and related publications have focused on the Prudhoe Bay area (Brown et al. 1975, Walker et al. 1980), the Haul Road between the Yukon River and Prudhoe Bay (Brown and Berg 1980), other locations on the Arctic Slope (Haugen et al. 1976, Haugen and Brown 1980), and locations along the Steese Highway (Haugen and Brown 1978, Lotspeich and Slaughter 1981). Our interests have been to acquire temperature and precipitation data in order to support our interpretations of the arctic and subarctic environments in Alaska and other similar circumpolar regions. Specifically our interests involved the use of biological indicators such as tree growth and distribution for both present and historical reconstruction of climatic trends, elevational variations in temperature and precipitation for hydrological and erosional assessments, and prediction of freezing and thawing regimes for construction purposes.

The purpose of this report is to present the current status of several studies (Arctic Slope and Haul Road) and to document the overall climatic data base. The present report is essentially a compilation of two other reports (Haugen 1980, Haugen and Brown 1980) and the monthly data on which they were based.

DATA BASE

The computerized data base contains two types of records: those from the National Weather Service (NWS) and those from the CRREL remote stations, and covers the period of May 1975 to December 1979. The NWS statistics are included for regional comparisons and longer-term trends. The raw computer input for both CRREL and NWS stations are daily minimum and maximum air temperatures and daily total precipitation where available. Only monthly summaries are presented in this report for air temperatures of all stations and precipitation for the Haul Road stations. Ground surface temperatures are given for a few sites. Appendix A contains an alphabetical list of all stations and a month-by-month inventory of available data. The locations of the stations are shown in Figure 1.

The following monthly air temperature values (°C) are tabulated in Appendix B:

Average maximum air temperature
Average minimum air temperature
Average monthly air temperature
Standard deviation for the month
Absolute maximum for the month
Absolute minimum for the month
Thawing degree days for the month
Freezing degree days for the month
Days of records missing for the month.

In addition, tabulated data are presented throughout the report on a monthly and annual basis.

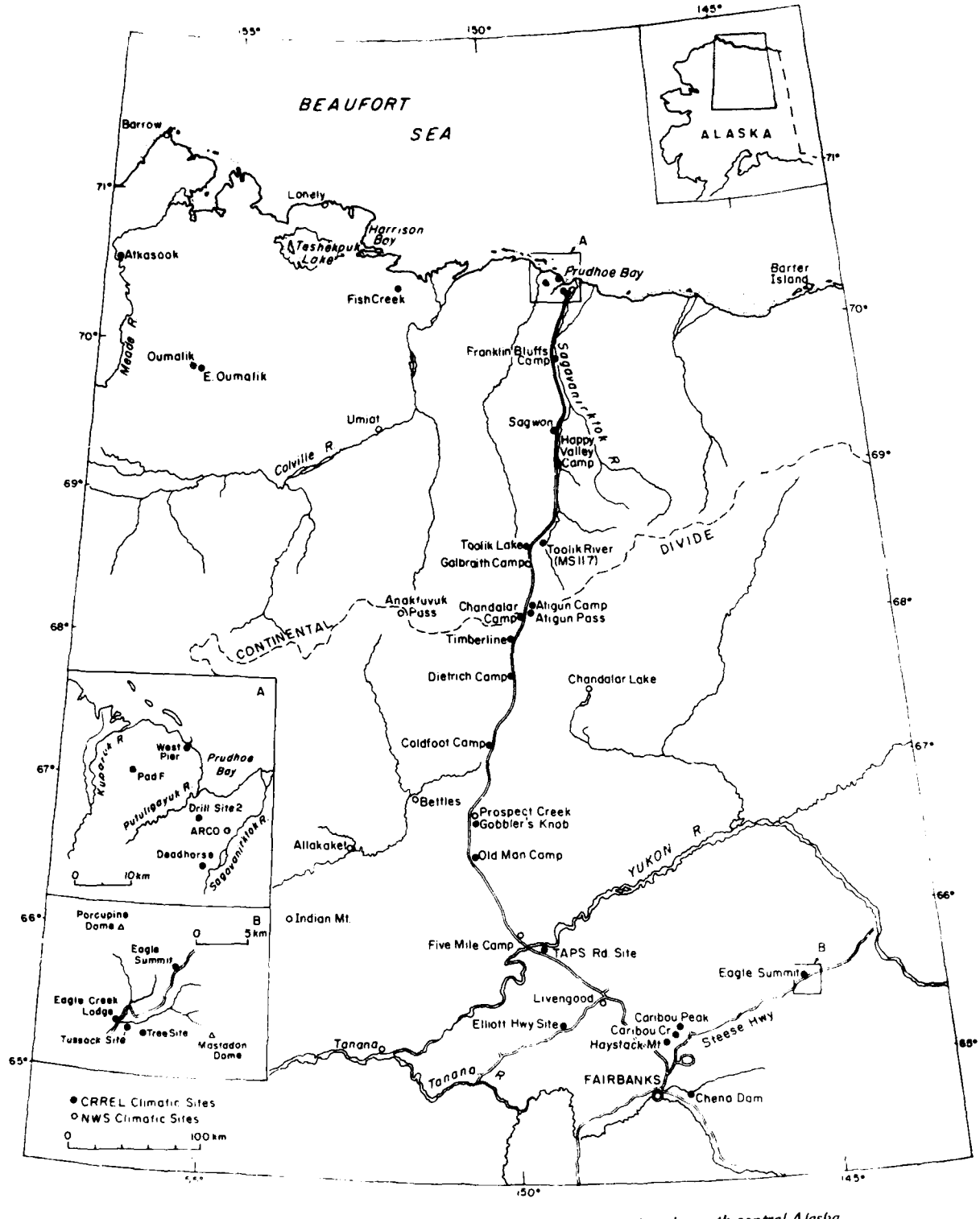


Figure 1. Location of CRREL and National Weather Service stations in north-central Alaska.

HAUL ROAD CLIMATE

Regional description

The Haul Road traverses two general climatic regions, the continental Interior and the Arctic. Several distinct climatic zones can be identified within these regions based on topographic and/or vegetation boundaries as well as their climatological elements. The Interior is predominantly a forested region with alpine tundra occurring at elevations over 700 m. The alpine tundra area increases northward, until it is transitional with the arctic tundra in the Brooks Range. The northern Arctic Foothills and the Arctic Coastal Plain are distinguishable climatically from the region to the south due to elevational differences and distance from the Arctic Ocean.

The Interior is a zone of temperature extremes and relatively high precipitation as compared to the Arctic regions. During the summer, storm tracks enter this area from the south or southwest, but most of the precipitation is of the convectional type, and is widely scattered and variable in amount (Watson 1959). The greatest amounts of precipitation occur during the summer. During the winter, the Interior is dominated by relatively dry Continental Polar air masses, and sinking cold air creates high atmospheric pressure during the winter. Occasionally, maritime air intrudes into the area from the west or southwest, causing major snowstorms (Bilello 1974). The alpine areas within the Interior typically have less extreme temperatures but higher precipitation than the forested areas at lower elevations.

North of the Continental Divide is a region of extreme winter temperatures, cool summer temperatures, and relatively low precipitation. Unlike the Continental Interior, wind is a major environmental factor throughout much of the year. Although winds rarely exceed 17 m/s (32 knots), they are seldom calm on the Arctic Coastal Plain (Conover 1960). The winds result in considerable blowing and drifting of snow, together with poor visibility and severe wind chill factors during the coldest months (Searby and Hunter 1971). During the winter, the entire Haul Road is under the influence of cold arctic air to an elevation of 800 to 1000 m.

During July and August, a sea breeze from the open water of the Arctic Ocean dominates the coastal climate (Moritz 1977, Kozo 1979). Radiational heating of the inland tundra surfaces creates a local pressure deficit, causing colder air from the ice-free Arctic Ocean to move inland, and resulting in a prevailing northeasterly wind. This often creates cloudy and foggy conditions near the coast which extend in and persist until the air is warmed sufficiently by radiation. The inland extent of the sea breeze phenomenon is at least 17 km (Kozo 1979), although prevailing northeasterly wind is observed considerably farther inland. General relationships of air temperature to elevation and latitude during January and July are shown in Figure 2.

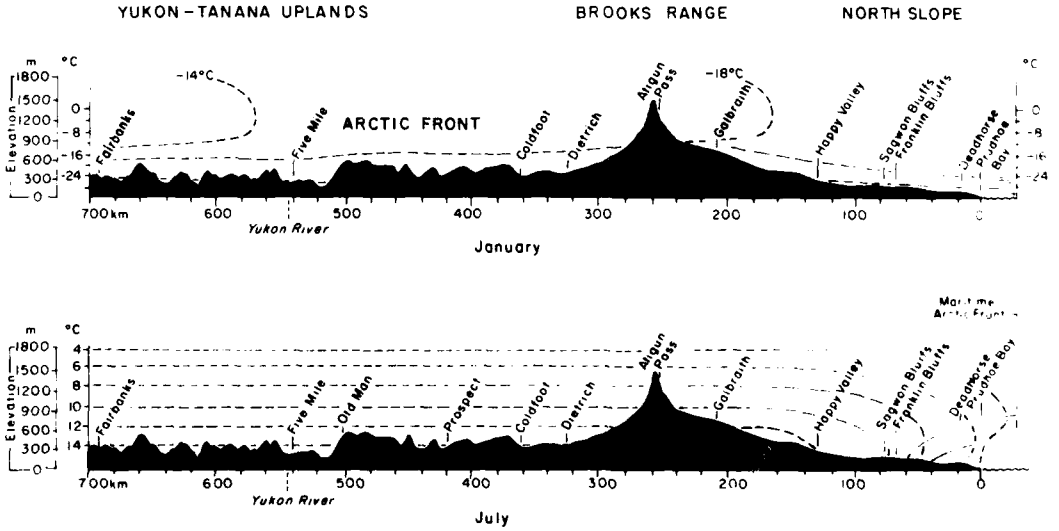


Figure 2. Cross sections of the vertical temperature distribution for the Haul Road transect. Climatic regions as discussed in this report are shown. (Adapted from Conover [1960], using current data; distances on scale in 20-km intervals.) The Continental Divide coincides with Atigun Pass.

Climatic data base

Prior to 1970, few climatic data were available for the region now traversed by the Haul Road. Barrow and Barter Island had the only representative records for the northern Arctic Coastal Plain, and for the Arctic Foothills, a seven-year record (1948-53) at Umiat was the only data base. The Brooks Range was represented by a discontinuous record for Anaktuvuk Pass, 90 km west of the road. Chandalar Lake, Bettles, and Wiseman were the nearest stations representing the forested Interior.

Beginning in 1971, cooperative National Weather Service (NWS) observations were undertaken by the Alyeska Pipeline Service Company at most construction camps. These records were discontinuous until May 1975 when construction of the pipeline began. The Alyeska-NWS observations were essentially continuous until the closing of the camps in 1977 and 1978. Observations were hourly, generally for 18 hours per day, in support of aircraft operations at camp airfields. Air temperature, total sky cover, cloud type, wind speed and wind direction were the major parameters observed. Daily precipitation totals were also recorded at most stations.

In 1976, CRREL established air temperature and some precipitation measurement sites at the camps and at remote sites along the road, similar to our program at remote sites in the Yukon-Tanana Uplands of interior Alaska (Haugen and Brown 1978). Twenty-two temperature recording sites were in operation by CRREL as of July 1978. These sites were operated primarily during the thawing season, but some winter data are available.

The CRREL climatic program, begun in 1976, had two major objectives: 1) to continue temperature and precipitation data at the construction camps after the Alyeska-NWS observations terminated, and 2) to provide climatic observations at higher elevations and other locations to complement the camp data base.

Initially, the intention was to operate CRREL instrumentation only during the summer season for purposes of estimating thawing degree-days. However, some winter data have been obtained even though the operation of unattended instrumentation during the arctic winter is very difficult. The relatively mild winter of 1977-78 permitted the operation of several battery-powered thermographs. During 1977 and 1978, four Wyoming snow gauges were constructed and installed in cooperation with the Soil Conservation Service and the Bureau of Land Management. These gauges, designed to measure winter precipitation in areas where blowing snow often renders the standard precipitation gauge inaccurate, are now providing data at several remote and high-elevation locations along the Haul Road.

Temperature

Haul Road temperature regimes include some of the most extreme ranges encountered on the North American Continent. The all-time low temperature for the United States, -62°C (-80°F), was recorded at Prospect Creek Camp airport, 24 January 1971. During the period of our study, 1975-78, most Haul Road stations experienced extreme minimum temperatures below -50°C, and at least half the stations had summer maximum temperatures over 30°C, an extreme range of over 80°C (144°F).

Average annual air temperatures (1975-78) along the Haul Road range from -11.5°C at Prudhoe Bay to a high of -4°C for some of the stations south of Dietrich (Fig. 3). These values, however, are based on only three or four years of record and so are not directly comparable to a standard NWS 30-year normal. Comparison of Umiat temperatures with the previous seven-year record for Umiat (1948-53) and the 1975-78 Bettles record with the 30-year normal at Bettles suggests, however, that the mean annual temperatures resulting from our 1975-78 data are within one or two degrees of a long-term average annual temperature (Fig. 3)

The higher elevations along the Haul Road, represented by the Gobbler's Knob and Chandalar sites, tend to be above the average height of the winter temperature inversion, and have warmer average winter temperatures (Fig. 3). The extremely cold temperatures recorded at the valley stations (e.g. Prospect, Coldfoot, Dietrich) are the result of inversions of the vertical temperature profile, caused by cold air downslope drainage. The cooler summer temperatures at the high elevation sites reflect a normal decrease of temperature with elevation.

Mean monthly and annual temperatures were tabulated for all Haul Road stations during 1975-78 (Table 1). All the 1975 data and most of the subsequent winter data are from NWS records. Most of the thaw season record is a combination of NWS-CRREL data. The 1978 and following data are primarily from CRREL instrumentation.

Temperature patterns for the entire Haul Road typify a Continental climate for the entire year with the exception of the maritime influence on summer temperatures in the region north of Happy Valley. The mean annual diurnal range of temperatures (amplitude x 2) serves as an index of continentality. This value averages less than 8°C north of Happy Valley Camp and greater than 10°C south of it. The highest mean annual diurnal temperature range is at

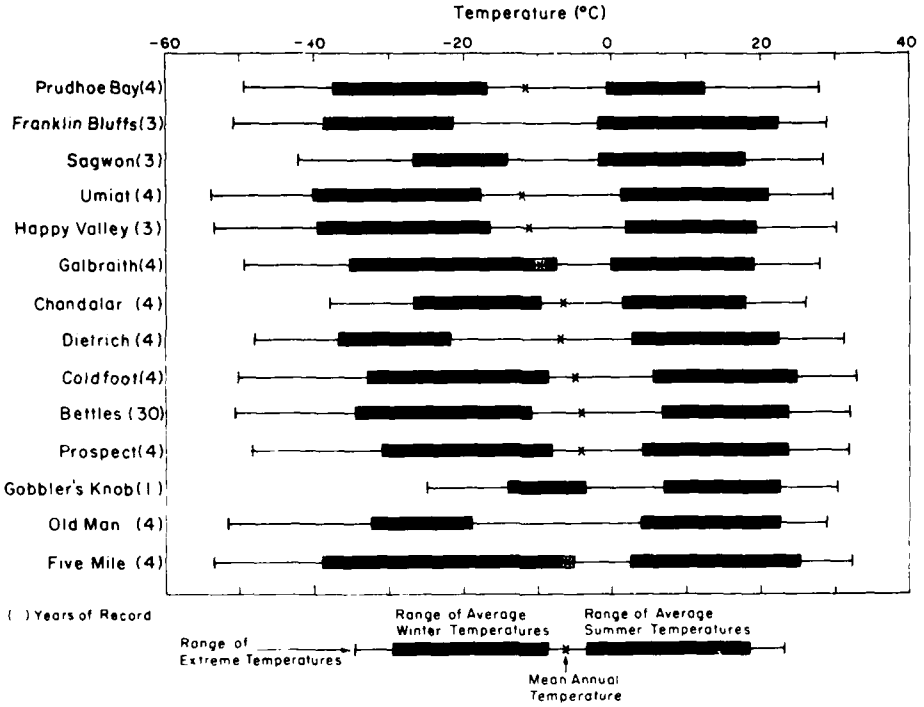


Figure 3. Annual temperature regimes for Haul Road stations. Mean annual temperatures are indicated by "X" on the extreme range line for stations with at least three years' continuous record. Umiat and Bettles are included for comparison. The ranges of the coldest and warmest monthly minimum and maximum temperatures are indicated by solid bars for winter (Dec-Feb) and summer (June-Aug) for each station.

Five Mile, 13.7°C. Values of 12° to 13°C, however, are common between the Brooks Range and Happy Valley and in the Interior at the lower elevation stations.

The variation of thawing degree-day (°C) accumulations ranges from approximately 1850 degree days at the Yukon River to less than 500 in the Prudhoe Bay area (Fig. 4). The length of the thaw season* ranges from approximately 160 days at the Yukon River to 105 at Prudhoe Bay. At higher elevations along the Haul Road (Chandalar, Atigun Pass and Atigun Camp) thawing degree-day accumulations are similar to values north of Sagwon. In terms of relative warmth, the 1978 thaw season was slightly above average for the entire road compared to the 1975-78 observational record. The 1977 thaw season was by far the warmest south of the Brooks Range.

*Defined as the period between the first and last day when the average temperature is above or below 0°C for five successive days.

Freezing degree-days (°C) range on the average from slightly less than 3500 degree days in the southern portion to about 5000 in the north. Since fewer winter data are available, the transect lines appear smoother than for thawing degree-days. With the exception of two winters' data for Chandalar and one winter for Gobbler's Knob, the higher elevations are not well-represented with freezing degree-day data. South of the Brooks Range, the winters of 1976-77 and 1977-78 were considerably warmer than prior winters, whereas north of the Brooks Range, only the 1977-78 winter was warmer. The year-to-year variation of thawing degree-days at any given site is considerably less than that for freezing degree-days. The variability of winter temperatures from year to year is illustrated in Figure 4.

Summer temperature gradients with latitude and elevation can be compared to vegetation distribution and growth characteristics. The altitudinal and latitudinal timberline of the white spruce forest occurs within the road transect at approximately 720-m elevation near Finger Mountain, Gobbler's Knob, and

Table 1. Monthly, annual and seasonal air temperature summary for Haul Road stations (1975-1978).

1975

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SEASONAL THAW DD	SEASONAL FREEZE DD
Prudhoe Arco					-6.4	3.5	6.8	4.4	-2.5	-13.7	-26.3	-31.7		464	
Franklin Bluffs						5.5	10.1	7.4	-2.4	-13.7	-32.7	-32.7		752	
Happy Valley					-6.1	7.2	10.6	8.3		-13.1	-23.2	-30.0		806	
Galbraith						7.5	10.6	7.2	-2.7	-12.3	-22.8	-27.8		833	
Atigun Camp						8.3	9.2	7.2	-2.7	-11.8	-20.7			795	
Chandalar Shelf						9.3	12.2	7.8	-2.0	-10.9	-20.2	-22.7		924	
Dietrich Camp						12.0	15.3	10.9	3.6	- 7.0	-23.1	-29.9		1307	
Coldfoot Camp					5.9	12.8	15.8	11.2	3.2	- 6.1	-22.0	-26.8		1532	
Prospect Camp					6.7	12.3	15.6	11.3	3.2	- 7.7	-22.0	-27.0		1543	
Old Man Camp						12.1	14.3		2.9	- 8.1	-22.1	-27.5		1250	
Five Mile Camp					8.0	13.5	14.5	11.3	3.5	- 7.8	-26.3	-33.1		1582	

1976

															1975-76
Prudhoe W. Pier						1.7	4.1	4.2	0.3						
Prudhoe Pad F							5.4	4.1	1.1						
Prudhoe Arco	-30.8	-31.9	-29.0	-16.5	-5.9	3.2	6.8	6.6	1.7	-11.4	-16.5	-30.4	-12.8	571	5642
Deadhorse					-1.9	4.3	7.3	5.8	1.4						
Franklin Bluffs				-18.4	-7.5	5.8	10.5	10.7	2.7	-12.6	-19.2	-35.1		847	
Sagwon					-2.2	5.0	10.8	10.5	2.7						
Happy Valley	-28.4	-29.3	-23.7	-13.9	-5.2	7.4	11.8	11.6	4.0	-13.0	-19.5	-35.6	-11.1	1093	5096
Toolik Lake						8.2	13.7	9.0	1.5						
Galbraith	-26.8	-30.3	-22.2	- 9.3	-1.4	8.1	10.6	10.0	2.3	-14.6	-14.9	-30.5	- 9.9	1006	4841
Atigun Camp				- 6.5	-0.3	8.3	10.3	10.0	2.7	-13.2	-11.9			1021	
Atigun Pass					-5.9	2.3	5.3	5.9	-0.3	- 8.5					
Chandalar Shelf	-21.1	-22.2	-18.5	- 8.3	0.0	7.7	10.2	9.7	2.7	-11.8	-11.8	-19.7	- 6.9	974	3888
Dietrich	-27.9	-29.5	-16.7	- 4.7	4.9	10.7	13.4	12.4	5.6	- 9.0	-12.4	-26.7	- 6.9	1460	4263
Coldfoot	-24.6	-27.2	-14.8	- 3.3	5.7	12.1	13.7	13.1	6.0	- 7.4	-10.3	-20.8	- 4.8	1563	3843
Prospect	-23.0	-26.1	-13.7	- 2.3	5.9	13.7	14.3	13.1	5.6	- 6.4	- 9.9	-20.1	- 4.1	1675	3761
Oldman	-22.8	-27.8	-16.6	- 4.4	4.5	11.5	12.8	12.1	5.6	- 7.0	-10.2			1445	3958
Five Mile	-30.2	-31.4	-15.2	- 2.5	6.1	12.8	13.7	12.1	4.5	- 8.8	-15.0	-27.0	- 6.8	1545	4513

1977

															1976-77
Prudhoe W. Pier						-1.5	2.6	4.2	1.6	- 3.1				318	
Prudhoe Pad F						4.0	4.2	6.2	1.7	- 4.0				491	
Prudhoe DS II						0.1	4.2	7.1	2.2						
Prudhoe Arco	-23.1	-28.0	-31.9	-19.1	-5.5	3.7	5.5	8.2	2.5	- 4.7	-21.4	-23.4	-11.4	654	5026
Deadhorse					-1.2	5.7	7.6	9.8	3.8	- 6.0				879	
Franklin Bluffs	-25.1	-29.6	-33.7	-20.0	-3.4	5.7	7.5	12.1	3.2					884	5471
Sagwon					-3.5	6.7	10.0	12.9	3.3	- 9.2				1040	
Happy Valley	-24.5	-31.2	-32.5	-18.0	-4.5	8.0	12.1	12.4	2.5	- 9.8	-24.9	-21.6	-11.0	1125	5412
Toolik River					-0.9	6.3	10.0	10.8	1.3	- 7.0				932	
Toolik Lake					-0.7	5.4	9.8	12.0	-0.2	-10.0				914	
Galbraith	-16.8	-20.6	-27.0	-17.3	-1.3	7.6	10.2	11.3	0.3	-11.3	-26.4	-22.7	- 9.5	982	4382
Atigun Camp					0.2	6.3	11.7	12.8	1.2	- 4.2				1071	
Atigun Pass						2.5	8.5	9.4	-4.9	-13.5				625	
Chandalar Shelf	-14.4	-13.7	-20.4	-11.8	1.5	9.3	11.7	12.6	2.0	-10.2	-18.1	-19.6	- 5.9	1189	3173
Timberline				- 7.5	4.1	11.5	14.5	12.4	2.3	- 7.7				1428	
Dietrich				- 7.7	5.1	13.0	15.4	13.7	5.1	- 6.6				1626	
Coldfoot					5.4	13.2	18.8	18.1	7.1	- 4.6				1904	
Prospect	-12.9	-13.1	-18.8	- 9.0	5.4	12.6	14.8	13.8	4.1	- 6.9	-31.9	-25.8	- 4.8	1582	2767
Gobbler's Knob					6.1	15.0	18.1	17.0	5.4	- 3.7				1871	
Oldman					5.9	13.1	14.2	13.4	4.2	- 5.6				1540	
Five Mile	-20.9	-17.5	-20.8	- 9.0	7.3	14.2	16.2	14.1	4.9	- 7.1	-26.2	-32.3	- 6.4	1756	3629

*Thawing and freezing degree-days represent the cumulative departure of mean daily temperatures above or below, respectively, 0°C.

Table 1 (cont'd).

1978

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	THAW DD	SEASONAL FREEZE DD 1977-78
Prudhoe W. Pier						2.5	8.2	5.1	2.4	- 4.9				573	
Prudhoe Pad F							6.7							215	(Incomplete)
Prudhoe DS 11						3.7	7.4	5.9	2.9						
Prudhoe Arco		-26.0	-24.5	-16.5	-7.6	2.8	8.4	5.2	2.6	-12.9	-14.8	-23.3	-10.6	606	4409
Deadhorse Tower					-9.0	1.3	5.4			-14.7	-15.3				
Deadhorse Runway					-4.5	2.8	7.8								
Sag River						4.3	10.3	6.7	1.9	- 5.0				747	
Franklin Bluffs							7.3	3.2							
Sagwon	-17.9	-24.1	-24.3	-15.9	-9.9	3.0	11.4	6.8	1.7	-10.8	-12.1	-17.6*	- 9.6	760	4225
Happy Valley						8.1	13.2	8.0	4.2	- 7.8				974	
Toolik River						9.6	13.8	9.3	2.4	- 8.5				1102	
Galbraith	-15.5	-20.3	-24.4	-11.3	-1.8	5.8	12.7	7.2	2.0	-19.1	-14.0	-22.1	- 9.0	781	3365 (less Mar '78)
Atigun Camp					-1.4	6.2	11.9		3.0					722	
Atigun Pass			-26.0	-14.2	-3.3	1.5	8.1							610	
Chandalar Shelf		-14.5	-18.0	- 8.3	0.5	7.6	13.2	10.7	1.7	-10.9				1107	
Timberline					2.8	7.8	17.3	10.9	4.7					1223	
Dietrich					3.7	9.4	15.8	12.8	5.2	- 8.9				1443	
Coldfoot				- 2.6	5.1	10.1	15.1	12.8	6.5					1562	
Prospect	-14.5	-17.0	-13.7	- 4.1	5.5	10.5	14.6	11.8	5.5	- 5.7	-14.3	-17.1	- 3.7	1511	
Gobbler's Knob	- 6.7	- 9.4	-13.1	- 7.0	0.3	10.1	15.9	12.9	6.8					1447	
Old Man				- 4.7	4.5	9.1	15.0	11.8	7.0					1403	
Five Mile	-20.8	-22.7	-15.7	- 4.2	5.3	10.1	16.1	12.4	6.8	- 6.0	-17.6	-23.4	- 4.7	1526	3912

1979

Prudhoe W. Pier					-5.0	1.7	7.5	6.4	2.6					551	
Prudhoe Arco	-18.6		-28.3	-16.4	-3.4	3.2	10.1	9.3	2.0	-6.5	-12.8	-27.4			4484
Deadhorse Tower	-18.5	-29.9	-28.0	-16.6	-3.9	3.4	9.4	8.5	1.4	-6.9	-13.3	-29.4	-10.3	749	
Sag River	-11.9	-16.6						12.0	-4.2						
Franklin Bluffs					-3.0	6.4	12.9	10.6	1.5					997	
Sagwon	-12.5				-1.9	7.9	14.6	11.5	0.5					1114	
Happy Valley					0.7	7.4	14.0	11.7	1.6					1072	
Toolik River		-19.4	-23.6		3.4	8.6	9.6	13.5	0.9					931	
Galbraith	-15.5	-29.1	-10.3	-9.2	1.8	11.0	11.7	8.6	0.1	-10.1	-13.5	-26.3	-6.7	1054	4235
Atigun Camp															
Atigun Pass	-23.7	-18.7		-15.0			14.1	13.2	-2.3						
Chandalar Shelf					3.3	7.2	12.9	11.7						936	
Timberline					5.5	10.6	14.5	13.9	3.2					1326	
Dietrich					*6.7*	*11.9*	*15.1*	*14.0*	*9.2*					1548	
Coldfoot					6.6	13.0	15.5	14.5	5.0					1548	
Prospect	-17.8	-24.4	-14.7	-6.6	8.1	13.3	15.1	14.7	5.8	-2.9	-8.6	-28.9	-3.9	1710	3228
Gobbler's Knob					7.2	17.8	15.6	13.6	6.0					817	
Old Man															
Five Mile	-27.2	-37.0	-16.2	-4.6	9.7	16.3	15.0	13.1	3.9	-2.0	-12.1	-28.9	-5.8	1612	4044

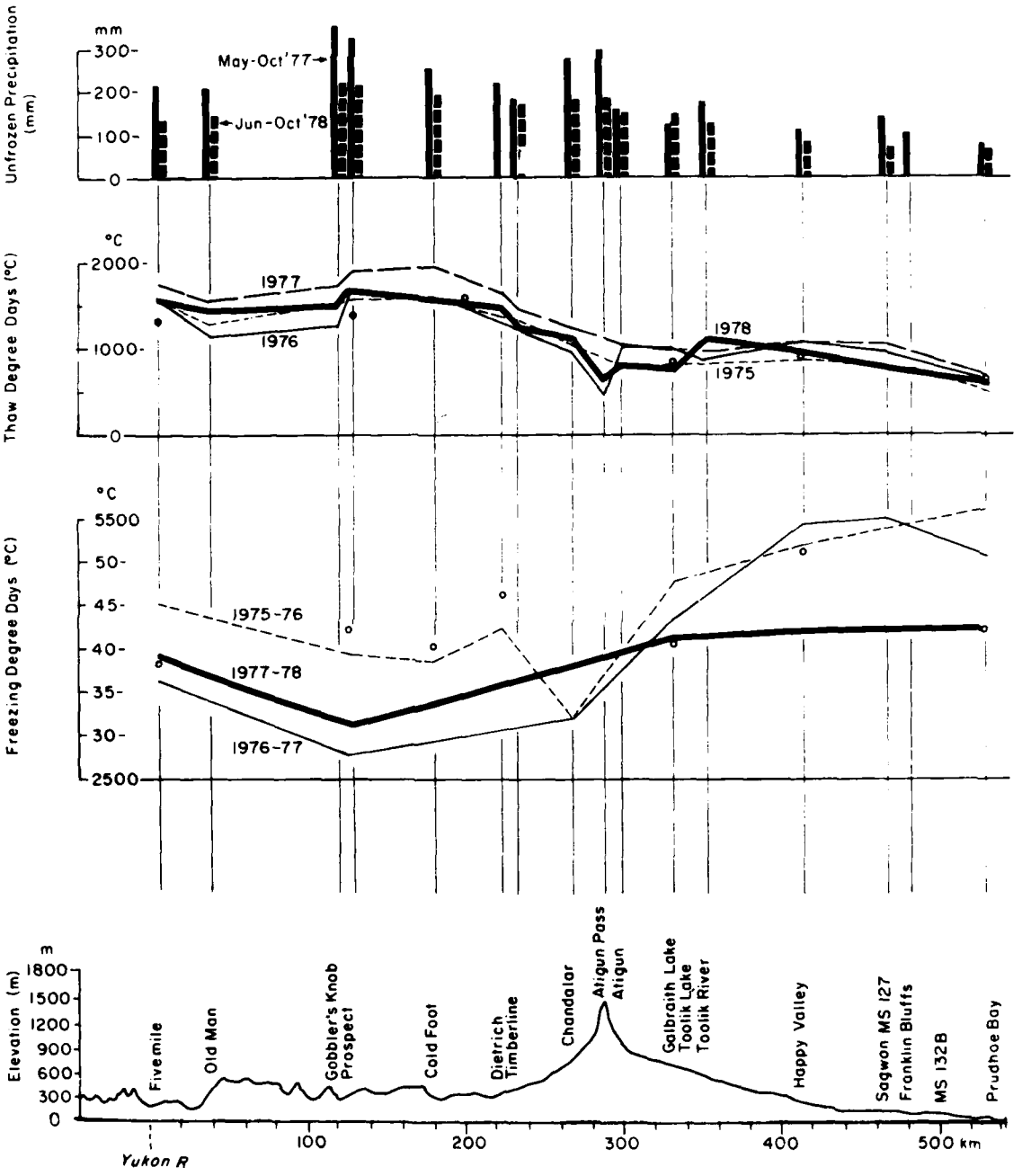


Figure 4. Climatic transects for the Haul Road, illustrating the variation of precipitation, thawing, and freezing degree-days (°C) over the transect. Small circles on the thawing and freezing degree-day cross sections indicate values obtained by averaging available data prior to 1975.

at the northern limit of tree growth 40 km north of Dietrich. Application of the so-called Nordenskjöld formula for determination of the temperature equivalency of the timberline (Haugen and Brown 1978) gives an approximate July mean temperature value of 12°C. This formula is $V = 9°C - 0.1\,k$ where V is the temperature of the warmest month at the timberline, and k is the temperature of the coldest month. The calculated 12°C July temperature at the elevation of the Haul Road timberline is in essential agreement with our observational data.

Temperature-vegetation gradients were also investigated on the Arctic Coastal Plain. These are discussed in the section on *Arctic Slope Summer Climate*.

Ground temperature measurements were obtained at graveled surfaces at Galbraith and Deadhorse airports and from tussock vegetation at Sagwon. Surface transfer coefficients were calculated from air and ground temperature data, and values obtained during the three summers are presented in Table 2.

Precipitation

Although distinct differences exist in precipitation amounts and characteristics along the Haul Road, variations with latitude and elevation are not as readily defined as for temperature. The 1976-78 record indicates annual totals ranging from 140 mm (Sagwon) to over 400 mm in the Atigun Pass-Chandalar Shelf area (Table 3). From the timberline south to Old Man, the 30-year normal precipitation at Bettles is probably representative of all but the higher elevations along the Haul Road. South of Old Man to the Yukon River, total precipitation is distinctly less, exceeding 300 mm at Five Mile (Table 3) only once since 1975.

During the 1975-78 study period, 1977 was the wettest year. May-October (thaw season) precipitation

Table 2. Monthly and seasonal surface transfer coefficients, summers of 1976-1978.

Location	*Year*	*June*	*July*	*August*	*September*	*Seasonal*
Galbraith	1976	1.68*	1.46	1.35	1.30*	–
(gravel)	1977	0.48	1.52	1.19	2.7	1.72
	1978	1.6	1.23	1.45	2.21	1.62
Sagwon	1976	–	0.70	0.67	0.43	–
(tundra)	1977	0.42	0.81	0.69	0.58	0.63
	1978	0.73	0.79	0.60	0.74	0.72
Deadhorse**	1976	1.08	1.30	1.36	1.63*	1.34
(gravel)	1977	1.12	1.33	1.05	0.82	1.08

* Incomplete data.
** Deadhorse 1978 data insufficient.

Table 3. Total annual precipitation (mm).

Name	*1975*	*1976*	*1977*	*1978*
Prudhoe Bay W.G.			223	183
Sagwon W.G.			238	140
Happy Valley		202	183	
Toolik River			267	194
Galbraith	188	254	204	195*
Atigun Pass W.G.				295
Chandalar Shelf W.G. (1978)		450	409	394
Coldfoot	406	400	408	
Bettles	235	383	356	241
Prospect	286	374	440	334
Old Man	291	393**		
Five Mile	168	250	309	282

* Galbraith–March and August estimated from Toolik.
W.G.–modified Wyoming gage.
**Old Man–December 1976 missing.

during 1977 was greater than in 1978 at all sites except Toolik River (Fig. 4). Based on comparisons with Bettles and Umiat, 1976 was a near-normal year for precipitation. The 1978 data for May are not presented because these were available for only a few stations (Table 4) and their inclusion would render the rest of the comparison less valid. The available data (Table 4) indicate that the 1978 values would be 4 to 16% greater if the month of May were included in the graphic comparison (Fig. 4).

The greatest total annual precipitation during the study period was 440 mm recorded at Prospect for 1977 (Table 3). A consistent increase of precipitation with elevation has been documented for two summers (Table 4) between Prospect and Gobbler's Knob, which is only 8 km to the south. No winter precipitation data are available for Gobbler's Knob, however. Measured 1977 thaw-season precipitation at Gobbler's Knob was the greatest for all Haul Road sites (367 mm) during the period 1975-1978.

Over the entire Haul Road transect during most years, the majority of the precipitation received annually is unfrozen. The distribution of unfrozen vs frozen precipitation at the four Haul Road Wyoming gauge sites (plus an additional Wyoming gauge site at Prudhoe Bay), indicates that about one-half the annual precipitation is unfrozen at Sagwon and Prudhoe Bay, the northernmost Wyoming gauge sites (Table 5). Toward the south, the thaw season becomes longer, and the unfrozen precipitation percentage becomes larger. South of Chandalar, NWS records indicate that approximately two-thirds of the annual precipitation in unfrozen.

Table 4. Thaw season precipitation totals (mm), 1975-78.

Location	1975	1976	1977	1978	1978 (incl. May)	1979
Prudhoe Bay W.G.			81	58		
Franklin Bluffs	ND	56	101			
Sagwon W.G.		74	145	61	66	
Happy Valley	ND	110	118			
Toolik River W.G.			177	135		
Toolik Lake		95	123			127
Galbraith	132	141	121			
Atigun River			285	150		
Atigun Camp	189	117	164	180		
Atigun Pass W.G.		226	292	217	248	
Chandalar Shelf W.G.	200		268	182	209	
Timberline		167	181	170		
Dietrich	84	130	220			
Coldfoot	302	282	256	194		
Prospect	201	253	326	205	213	137
Gobbler's Knob		203	367	214		
Old Man	197 (est. Aug)	219	214	146		
Five Mile	116	128	217	137	159	25

W.G.–Wyoming snow gauge.

Table 5. Unfrozen vs frozen precipitation, Wyoming snow gage.

Location	Duration of thaw season	Unfrozen	Frozen	Total	Percent unfrozen
Prudhoe Bay	1977 31 May-6 October	81	142	223	36
	1978 5 June-29 Sept	58*	125	183	32
Sagwon	1977 30 May-5 October	144	94	238	61
	1978 3 June-15 Sept	52	88	140	37
Toolik River	1977 25 May-19 Sept	157	110	267	59
	1978 1 June-18 Sept	107	87	194	55
Atigun Pass	1978 30 May-8 October	217	57*	295	74
Chandalar	1978 18 May-18 Sept	213	181	394	54

*Gauge bridged over by snow.

Table 6. Greatest one-day precipitation (mm), unfrozen.*

Location	Date	Amount
Franklin Bluffs	26 June 1975	25
Happy Valley	30 Nov 1976	15
Galbraith	8 June 1976	24
Atigun Camp	30 July 1976	36
Chandalar Shelf	26 July 1975	89
	30 July 1976	32
Dietrich	30 July 1976	20
Coldfoot	18 June 1975	46
Prospect	24 July 1977	52
Old Man	8 Aug 1976	27
Five Mile	31 May 1977	34

Table 7. Range of climatic values; summary of 1975–79 stations.

	Interior	Brooks Range	Arctic Foothills	Arctic Coastal Plain
Degree-day totals (°C)				
Thawing	1182–1904	453–1189	760–1125	318–897
Freezing	2767–4513	3173–3888	4225–5412	4409–5642
Thaw season				
Length of thaw (days)	123–168	87–131	104–139	91–128
Starting date	18 Apr–1 Jun	3 May–10 Jun	18 May–27 Jun	25 May–9 Jul
Precipitation (mm)				
Frozen	NA	57–181	87–110	125–142
Unfrozen	84–367	117–292	52–157	58–81
Total annual	168–445	295–450	140–267	183–223
Temperature (°C)				
Mean annual	-6.9 to -3.7	-6.9 to -5.9	-11.1 to -6.7	-12.8 to -10.3
Mean annual diurnal range	12.8 to 14.6	10.8 to 12.6	7.6 to 11.6	7.2 to 9.6
Annual temp range (extreme low-high)	-53.3 to +33.0	-37.8 to +26.1	-53.3 to +30.0	-50.6 to +28.9

Precipitation intensity in terms of the greatest one-day total during the thaw season was also tabulated (Table 6). The most intense precipitation usually occurs during thunderstorms south of the Continental Divide. The greatest single-day totals are 89 mm at Chandalar (27 July 1975) and 52 mm at Prospect (24 July 1977). Although precipitation is not observed on an hourly basis at Haul Road NWS stations, the hourly records of cloud cover and type indicate the 89 mm of precipitation at Chandalar occurred during a nine-hour period, and the 52 mm at Prospect was recorded during approximately two hours.

North of the Continental Divide, thunderstorm activity is rare. Weak low pressure centers passing from west to east, often along the boundary of the summer Maritime Polar Front, are responsible for perhaps half the Arctic summer precipitation. The immediate coastal area, however, is usually under the influence of the maritime air, resulting in cloudy skies, on-shore winds or sea breezes, and precipitation that is more frequent but in smaller amounts than in the tundra areas to the south. The ranges of temperature and precipitation values along the Haul Road are summarized in Table 7.

ARCTIC SLOPE SUMMER CLIMATE

Regional description

There is a distinct contrast between the summer climate of the immediate coast and the interior portion of the Alaskan Arctic Coastal Plain. The coastal zone experiences more frequent cloudiness and fog,

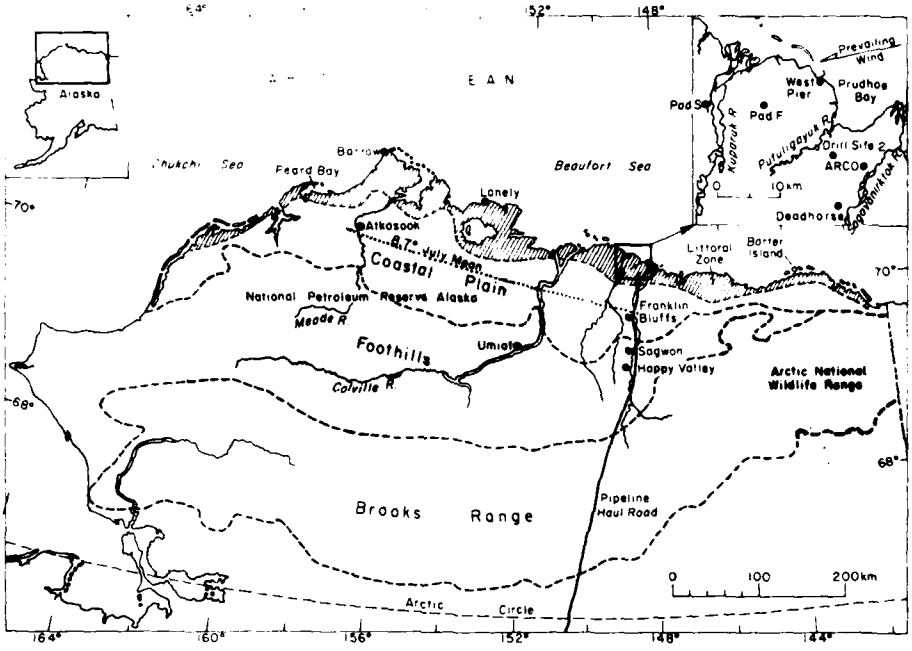


Figure 5. Location of the littoral tundra zone and location of stations used in this report. Dotted line shows the location of temperatures across the Arctic Slope that are equivalent to those for Atkasook during July. The average 7°C isotherm for July approximates the southern border of the littoral zone (from Haugen and Brown 1980).

and prevailing northeast winds or sea breezes off the ocean, which keep average summer air temperatures within a few degrees of freezing. Inland, clear skies are more prevalent, wind directions are more variable, and average air temperatures are higher. Cloudy, moist, cool, and windy conditions associated with the Maritime Arctic air prevail along the immediate coast throughout most days. Inland, however, the air is heated during the morning so that the low clouds and fog dissipate over the southern Coastal Plain.

The area of maritime influence remains within the summer Arctic air mass as shown by Conover (1960) and by Barry (1967). Conover indicated that during July the boundary of this air mass (Arctic Front) is about halfway between Umiat (Fig. 5) and the coast. Barry showed a 50% occurrence for the position of the front in July centered roughly on the same area. However, the southern extent of the maritime influence does not necessarily coincide with the arctic air mass. More recent investigations have shown that the summer climate of the coastal zone is controlled by a mesoscale phenomenon, the sea breeze (Moritz 1977, Walsh 1977, Kozo 1979). The sea breeze develops as a pressure deficit occurs due to the warming of the land surface during the day, which causes an inland flow of cooler air from the partially ice-covered ocean (Moritz 1977). This situation is unique to the Arctic because the land surface is almost always warmer than the water surface to the north, and therefore a land-to-sea breeze does not develop at night. Kozo (1979) found that a 37-km zone centered on the coastline is influenced by sea breezes.

Few climatic data are available from the inland coastal tundra to evaluate the magnitude of the maritime influence. Weekly observations collected by Clebsch and Shanks (1968) at a site about halfway between Atkasook and Barrow indicated higher concurrent temperatures than at Barrow, and a somewhat greater amount of precipitation. A comparative study of carbon dioxide gradients and productivity at Barrow and Atkasook (Johnson and Kelley 1970) estimated July average air temperatures to be 6.5°C higher at Atkasook than at Barrow (unpublished data*). Comparison of temperatures between the two sites during the spring breakup of the Meade River (25 May to 14 June 1966) showed Atkasook to be 1.3°C higher with mean daily air temperatures above freezing occurring 9 days earlier than at Barrow

*P.L. Johnson, CRREL, pers. comm. 1966.

Table 8. Comparison of mean monthly air temperatures and precipitation on the Arctic Slope of Alaska.

	Barrow	*Atkasook*	*Prudhoe Bay*	*Umiat*	*Barter Island*	*Happy Valley*
			Temperatures (°C)			
1975						
June	0.8 (0.6)*	3.8† (3.2)**	3.5 (2.9)††	**	1.6 (1.1)*	7.2
July	3.0 (3.7)*	7.2 (8.7)**	6.8 (6.9)††	**	3.8 (4.4)*	10.6
August	1.5 (3.1)*	4.8 (7.8)**	4.4 (5.9)††	**	2.5 (3.9)*	8.3
1976						
June	0.8	2.7	3.2	7.5	1.1	7.4
July	3.6	8.1	6.8	12.9	3.5	11.8
August	3.2	8.1	6.6	10.7†	4.2	11.6
1977						
June	1.1	4.4	3.7	7.4	1.4	8.0
July	3.8	10.5	5.5	11.1	3.1	12.1
August	6.8	5.9	8.2	11.8	5.2	12.4
1978						
June	0.5	4.1	2.8	6.2	0.6	8.2
July	4.4	10.1	8.4	13.6	4.8	13.2
August	2.5	5.9	5.2	8.3	2.6	8.0
			Precipitation (mm)			
1975						
June	2 (9) *	23	-	**	8 (14)*	0
July	25 (22) *	31	-	**	12 (26)*	3
August	29 (26) *	26	-	**	8 (27)*	24
1976						
June	8	18	-	22	9	27
July	9	29	-	17	10	36
August	4	19	-	†	7	9
1977						
June	5	8	-	25	14	45
July	2	4	-	5	0	5
August	20	9	-	36	13	33
1978						
June	9	41	-	9	15	***
July	19	(May 13-	-	18	5	***
August	13	Aug 24)	-	30	16	***

* Monthly normals.
† Incomplete data.
** Estimated normals.
†† Mean for 1970 to 1978.
*** Not measured.

(Johnson and Kistner 1967). More general climatic descriptions for the Arctic Slope are given by Searby and Hunter (1971) and Watson (1959). Annual and interannual variations in temperature have been discussed by Wiseman and Short (1976) and Myers and Pitelka (1979). Discussions of the regional climate and hydrology are presented by Dingman et al. (1980).

The objectives of this section are 1) to relate air temperature and precipitation values observed at the Atkasook site to the established normals* at Barrow, 2) to provide a means of identifying other areas of the Arctic Slope where climate, particularly temperature, can be expected to be similar to that of the Atkasook area, and 3) to provide a more detailed description of the coastal-inland distribution of summer air temperature and precipitation than has previously been available.

Methods

This report is based on climatic observations (Table 8) obtained during the summers of 1975 to 1978 at Atkasook and concurrent observations in the Prudhoe Bay region and south along the trans-Alaska pipeline Haul Road (Fig. 5; Haugen et al. 1976, Haugen 1980). These stations, representing both coastal and inland locations, permit mesoscale or regional comparisons of summer climate.

Air temperatures at our stations, including Atkasook, were obtained on 30-day continuously recording thermographs in standard instrument shelters. Calibration checks using a mercury thermometer were made at chart changes. Unfrozen precipitation amounts at Atkasook were obtained with a standard 8-in. (20.3-cm), unshielded, nonrecording rain gauge. Readings were generally taken following each storm event. Elsewhere on the Arctic Slope, weather observations were reestablished at Umiat in October 1975 (previous records exist for 1947 to 1953) and initiated at the Lonely airstrip in 1976 by observers of the National Weather Service (NWS), NOAA, in support of exploratory drilling in the National Petroleum Reserve-Alaska. In the Prudhoe Bay region, CRREL and the University of Colorado (Walker and Webber 1979) maintained several thermograph sites between the coast (West Pier) and Deadhorse. Comparative air temperature data for a site near Peard Bay are reported by Owens and Harper (1977).

Temperature data from all sites for the 1975-to-1978 study period were processed on the CRREL computer for analysis. Temperature means and extremes, variability statistics, and thawing degree-day totals (sum of the mean daily air temperature above 0°C) were computed for all sites.

*"Normal" refers to the climatological normal based on the 30-yr period 1941 to 1970 (U.S. Department of Commerce 1973).

RESULTS AND DISCUSSION

Temperature

Thirty-year climatic normals for the Arctic Slope are available for only two coastal sites, Barrow and Barter Island, with supplemental data since 1970 available from the Prudhoe Bay region (Brown et al. 1975, Haugen 1980, Walker et al. 1980). The Barrow normals are 0.6°C for June, 3.7°C for July, and 3.1°C for August (Table 8). The Barter Island normals for these months are slightly higher than those at Barrow. Prudhoe Bay, based on the 1970 to 1978 Atlantic-Richfield Company (ARCO) airstrip record, is the warmest of the coastal sites by 2 to 3°C for the summer months because of its more inland position (Table 9).

Regression analyses were performed on the Barrow and Atkasook air temperatures (1975 through 1978) to provide a basis for estimation of normal monthly summer temperatures for the Atkasook site (Fig. 6). Applying the regression to Barrow monthly normal air temperatures yields estimated normals for Atkasook of 3.2°C for June, 8.7°C for July, and 7.8°C for August. The estimated normal values for Atkasook mean monthly air temperatures are 2.2, 5.0 and 4.7°C higher than those at Barrow for June, July, and August, respectively.

For the period under discussion (1975 to 1978) Barrow summer temperatures were below normal in 1975, above normal in 1977, and closest to normal in 1976. The year 1978 was mixed, with a warmer than normal July and cooler than normal August.

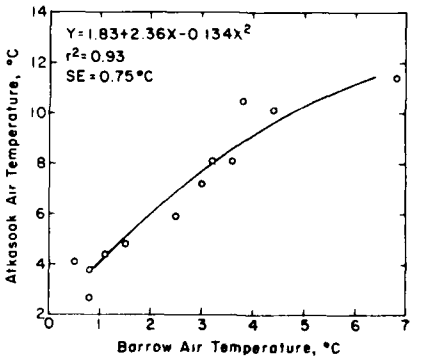


Figure 6. Regression for estimation of normal monthly temperatures for Atkasook based on the monthly June, July, and August air temperatures for Barrow and Atkasook, 1975 through 1978 (from Haugen and Brown 1980).

Table 9. Station data for analysis of summer air temperatures.

	Latitude °N	Longitude °W	Elevation (m)	Distance to coast (km) Vector N75°E	Distance to coast (km) Due south	July mean temp. (°C)	July temp. range (°C)	Days in thaw season*	Thawing degree-days
Barrow (1)†	71.30	156.78	3.0	6.5	0.55	3.7 [3.7]**	6.2 [5.6]	91 [68]	251 [369]
Atkasook (1)	70.47	157.40	15.2	184.0	48.0	9.0	9.3	106^{76}	618
Lonely (1)	70.92	153.25	3.0	6.5	0.01	4.0	6.4	92	369
Umiat (2)	69.37	152.13	81.0	330.0	111.0	12.5	14.0	122	996
Prudhoe, West Pier (2)	70.38	148.53	3.0	0.72	0.72	5.0	4.3	97	396
Prudhoe, Pad F (2)	70.34	148.76	6.2	11.3	8.8	5.4	6.3	166^{77}	473
Prudhoe, Drill Site 2 (3)	70.27	148.48	14.5	20.1	4.6	5.8	6.6	93^{77}	517
Prudhoe, ARCO (1)	70.25	148.35	18.5	20.8	6.0	6.9	7.4	101	570
Deadhorse (2)	70.20	148.46	18.2	26.2	11.8	6.8	7.2	133^{77}	656
Franklin Bluffs (2)	69.72	148.68	131.0	125.0	71.0	9.5	12.6	98	773
Sagwon (2)	69.17	148.67	305.0	240.0	102.0	10.8	11.9	115	963
Happy Valley (2)	69.17	148.83	290.0	††	122.0	11.3	13.2	118	1001
Barter Island (1)	70.13	143.63	3.1	0.03	0.03	3.8 [4.4]	5.4 [6.0]	106 [97]	331 [317]

* Only records for individual years available for some sites. Those years given as superscripts.

† Years of record reported: (1) 1975 to 1978; (2) 1976 to 1977; (3) 1977 to 1978.

** Normals for Barrow and Barter Island in brackets.

†† Not included in regressions with wind vector distances.

Table 10. Regression equations for summer air temperatures in relation to geographic location

(1) 1975 to 1978 July mean temperature (Y) vs latitude (X_1) and longitude (X_2)

$$Y = 330.4 - 5.57\,X_1 + 0.449X_2 \qquad R^2 = 0.94 \qquad SE = 0.79°C$$

(2) 1976 July mean temperature (Y) vs latitude (X_1) and longitude (X_2)

$$Y = 351.3 - 5.84\,X_1 + 0.437X_2 \qquad R^2 = 0.89 \qquad SE = 1.2°C$$

Similar trends occurred at Atkasook and Prudhoe Bay. July is generally the warmest month at all Arctic Slope stations (Table 8), although variations, such as the warm August in 1977, do occur.

In order to relate the summer temperatures from Atkasook to other locations across the Arctic Coastal Plain, stepwise multiple regressions were performed for the 1975 to 1978 data using latitude, longitude, and elevation from 11 stations as independent variables and mean July temperature as the dependent variable (Table 9). Elevation was highly correlated with latitude; it was therefore eliminated in the stepwise regression. The Happy Valley and Umiat stations, although physiographically located within the Foothills Province, were included in our analyses because they occupy valley positions which are sometimes influenced by maritime air masses. The location of the 1975-to-1978 mean temperature isotherm equivalent to the normal July temperature for Atkasook was calculated based on this regression (Table 10, eq 1) and is shown in Figure 5.

Average air temperatures for July 1976 were within a few tenths of a degree of estimated means for most stations (Table 8). The equation for 1975-to-1978 July mean temperature is nearly identical to the equation calculated for July 1976 data (Table 10, eq 2). The observed July mean of 6.7°C for 1976 at Peard Bay (Owens and Harper 1977), a location which was not used in the regression analyses, fell within 1°C of our calculated values using either eq 1 (7.4°C) or eq 2 (7.3°C) in Table 10.

The warmth and length of the summer season increased at inland sites on the Arctic Coastal Plain, as demonstrated by mean air temperatures in July near 4°C at the coastal stations and near 11°C at the stations farther inland (Table 9). We analyzed the relationships of air temperature to proximity with the ice-free ocean based upon 1) the distance due south from the coast and 2) the distance from the coast along the prevailing wind direction. The latter assumes that the cooler air from the ocean warms as distance increases downwind from the ocean.

Our analysis included the July mean temperature and temperature range, number of days in the thaw season, and total thawing degree-days for 1975 to 1978 (Table 9). A prevailing wind direction of N75°E was used for all of the Arctic Slope analyses, based on the 30-yr normal values for Barrow (N80°E) and Barter Island (N70°E) in July, the mean of July and August 1978 records for the ARCO airfield at Prudhoe Bay (N67.5°E), and the orientation of the sand dune field on the west side of the Sagavanirktok River (N75°E).

The relatively dense network of temperature stations in the Prudhoe Bay region allowed us to compare both approaches to the analysis of the influence of distance to the sea. The West Pier station is less than 1 km from the open water of Prudhoe Bay and is subjected to the prevailing east-northeast winds off the bay (Fig. 9). Mean temperature at West Pier in July 1977 was less than 3°C and was comparable to that at stations such as Barrow and Lonely. Proceeding southeastward from the coast across the Prudhoe Bay region, mean air temperatures increased to 7.5°C at Deadhorse, which is situated 26 km downwind from the ocean or 12 km due south. The temperature increase is greatest in the immediate coastal zone. Using the data in Table 9, we derived the equation in Figure 6. This equation permits us to define the position of the 7°C July isotherm (Fig. 5), which was originally discussed for northern Alaska by Cantlon (1961) as a bioclimatic southern limit of the littoral tundra. The littoral tundra is characterized by a smaller number of vascular plant species, fewer dwarf shrubs, no true shrub vegetation, and a greater occurrence of wet tundra meadow as compared to the tundra immediately south of it. Apparently the 7°C isotherm and the border between the littoral and inland portions of the Arctic Coastal Plain corresponds roughly to the border between maritime and continental climatic zones. Our analysis refines the position of this isotherm based on more complete data and incorporates the influence of the prevailing wind. The computed distance from the coast along the prevailing wind vector for the 7°C July isotherm was 60 km (Fig. 7). A regression using distance due south of the coast positioned the isotherm in about the same location but with a slightly higher standard error.

The range of air temperatures can also be used to distinguish zones of maritime and continental influence. A definite distinction appears to exist between the coastal stations, which had mean diurnal temperature ranges of less than 8°C for July, and the inland stations, which had ranges greater than 10°C (Table 9). Based on this distinction, the coastal-inland boundary in the east occurs somewhere between Deadhorse and Franklin Bluffs, 12 and 71 km south of the coast, respectively. To the west, Atkasook, 48 km south of the coast, had a temperature range of 9.3°C and would be placed in the continental zone. For a year with a warm July (1977) the mean diurnal temperature range was larger (Fig. 8), suggesting that the border between maritime and continental zones was farther north. This further suggests that annual differences in temperature can be related to the pattern of the sea breezes and the position of the Arctic Front.

In order to extend our analyses to include the entire growing season, thawing degree-days were computed. The thaw season begins when the daily average temperatures for five consecutive days remain above

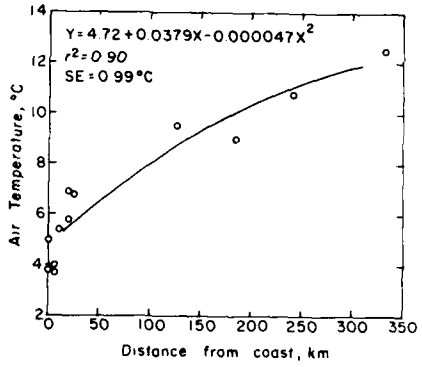


Figure 7. Relationship between the mean air temperatures in July and the distance inland along the prevailing wind vector (N75°E) on the Arctic Slope of Alaska (from Haugen and Brown 1980).

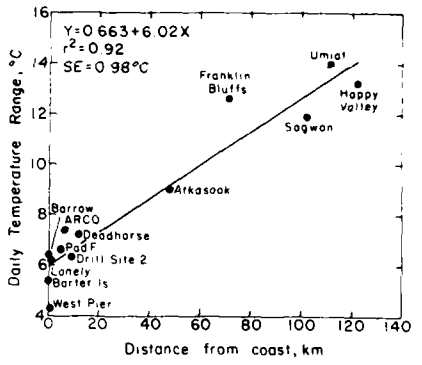


Figure 8. Diurnal ranges of air temperatures for July 1977 for stations at various distances due south of coast (from Haugen and Brown 1980).

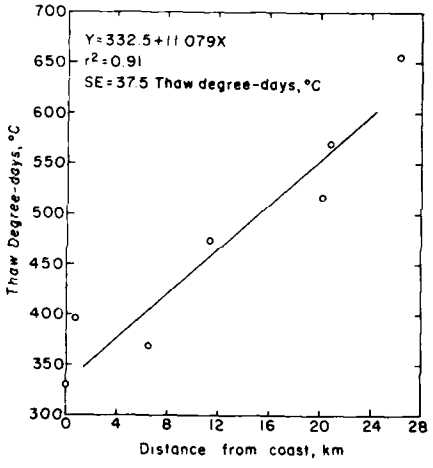


Figure 9. Average thawing degree-days (1975 to 1978 seasons) at various distances from the coast along the prevailing wind vector (N75°E) for available littoral stations (from Haugen and Brown 1980).

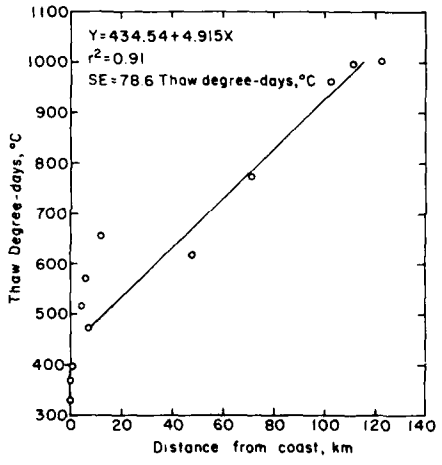


Figure 10. Average thawing degree-days (1975 to 1978 seasons) at various distances due south from the coast for all stations (from Haugen and Brown 1980).

freezing and ends when five consecutive days remain below freezing. At the coast, average values ranged from 300 to 650°C thawing degree-days. Inland, values of 750 to 1000°C were the rule, except for Atkasook (Table 9).

Two equations were developed for thawing degree-days: one depicts more precisely the steeper gradient which occurs within the first 30 km of the coast along the prevailing wind vector (Fig. 9); the other applies to due south distances greater than 15 km inland (Fig. 10). For Atkasook, the equation in Figure 6 estimates average thawing degree-days as 670, compared to 618 observed during 1975 to 1978. Although the observed Atkasook values were used as data in the regression analysis, a complete thaw season was observed only for 1976, and the totals for the other years were somewhat lower than they would have been if temperature data for May and September were available. As most of the data (Table 9) did represent the entire thaw season at the various sites, the estimate of 670 thawing degree-days for Atkasook may be closer to the true value than the observed data.

The region west of the current Prudhoe Bay oil production area (Fig. 5, insert map) can be used to test the effect of prevailing winds. A drill site (Pad S) located 20 km along the wind vector and 10 km due south of the ocean should have 543 thawing degree-days using Figure 9 and 488 thawing degree-days using Figure 10. The r^2 value was the same (0.91) for both regressions, but the standard error was less for the wind vector computations. Future field measurements in the region should establish which of these regressions is more applicable.

Precipitation

Approximately 37% of the annual precipitation on the Arctic Coastal Plain occurs during the summer months (Dingman et al. 1980). Available data for summer precipitation do not suggest substantial differences in the amounts received between the littoral zone and the inland portion of the plain. For any given location the annual differences in the amounts of summer precipitation were generally greater than differences due to distance from the coast (Table 8).

Precipitation for the three summer months at Barrow and Barter Island generally fell near or below the monthly normals during the 4-yr period of investigation (Table 8). In comparison with average temperature values, 1975 was a cold, wet summer, and 1977 was warm and dry.

During 1976 to 1978 the total precipitation at Umiat was nearly twice that at both Barrow and Barter Island (Table 8). However, for this period Barrow and Barter Island only received 47 and 44% of the normal precipitation, respectively, while Umiat received 69% of the average value for 1947 to 1953 (Conover 1960).

The nature of summer precipitation is different between coastal and inland sites. Near the coast, "trace" precipitation (less than 0.005 in. [0.127 mm]) occurs frequently. At Barrow, precipitation occurred on an average of 72 out of 92 days for the 1975 through 1978 summers. Of the 72 occurrences, 44 were "trace" amounts. At Umiat for the 1976 to 1978 period, precipitation occurred on an average of 21 days out of the 92; 10 days showed "trace" precipitation. Measured summer precipitation at Barrow should be increased by a factor of 1.1 to account for the trace amount not normally reported in totals (Dingman et al. 1980). Considering the measured departure from normals in the 1975 to 1978 period and the corrections necessary for increased frequency of trace amounts received along the coast, we conclude that total precipitation does not differ greatly across the Arctic Coastal Plain, although it may be slightly greater inland. This conclusion is supported by data gathered along the Haul Road (Haugen 1980).

SUMMARY

Local thermal and moisture regimes have had a major influence on the road design, construction and performance and their effect on the surrounding environment. To provide a more adequate data base for these important parameters, climatic observations were conducted at 22 sites along the Yukon River-Prudhoe Bay Haul Road and sites on the Arctic Slope.

Interior Alaska

The Interior region extends from the Yukon River north to the timberline site 40 to 45 km north of the oil pipeline's construction camp at Dietrich. The length of the thaw season is the longest (123 to 168 days) and thawing degree-day totals are the highest (1182° to 1904°C-days) in this region. The warmest mean annual temperatures (-3.7° to -6.9°C) occur here, especially in the southern part. Precipitation during the summer is primarily due to convectional activity, and the maximum amounts are about equal to those found in the Brooks Range. Total annual precipitation is 168–455 mm.

Brooks Range

Sites from Chandalar Shelf to Atigun Camp in the Brooks Range are included in this region. Thawing degree-day totals are low (453° to 1189°C-days), as with the Arctic Coastal Plain, but the thaw season is slightly longer (87–131 days). The extremely cold winter temperatures typical of the continental climate of the Interior and Arctic Foothills regions do not usually occur at the higher elevations in the Brooks Range because they are above the usual winter temperature inversion. Mean annual temperatures in this region range from -5.9° to -6.9°C. The highest annual precipitation amounts (295–450 mm) occur in this region and the most intense, single-day rainfall during the study period occurred on the Chandalar Shelf.

Arctic Foothills

The Arctic Foothills region includes the stations from Galbraith Lake to the Sagwon bluffs. Differentiation of this region from the Coastal region to the north is based on its higher elevation and greater distance from the sea. The Arctic Foothills have a more continental climate than the Arctic Coastal Plain. The thawing index ranges from 760° to

1125°C-days. The thaw season is shorter (104–139 days) and cooler than that of the Interior region, resulting in colder mean annual temperatures (-9.0° to -11.1°C). The amount of precipitation is smaller than for the two southerly regions (140 to 267 mm annually), and convectional precipitation during the summer is rare.

Arctic Coastal Plain

This region includes stations from Franklin Bluffs north to Prudhoe Bay. Cold winters, cool summers (the thawing index ranges from 318° to 877°C-days) and short thaw season (91 to 128 days) result in the coldest mean annual temperatures (-10.6° to -12.8°C) and the greatest freezing degree-day accumulations. Wind is a significant environmental factor due to the wind chill effect on humans and the blowing and drifting of snow. Precipitation amounts are relatively low (170 to 266 mm), about the same as those in the Arctic Foothills, but a greater proportion occurs as snow rather than rain (95–165 mm frozen vs 56–101 mm unfrozen).

Regression analyses of the summer air temperature data from 1975 to 1978 for stations from the inland tundra to the immediate coastal area were used to predict temperature values across the Alaskan Arctic Coastal Plain based upon latitude and longitude. This provides the best approximation of average values based on existing data. Mean monthly temperature, mean daily range of temperature, and thawing degree-days all increase with distance from the coast. The estimated July normal for Atkasook, 48 km south of the coast, is 8.7°C, while the established 30-yr normal for Barrow on the coast, is 3.7°C. The July average temperature 6 km due south of the open water of Prudhoe Bay is 2°C higher than on the immediate coast. Within the area under the dominant influence of the sea breeze, regression analyses suggest a more precise relationship between air temperature and distance along the prevailing wind vector (N75°E) than between temperature and distance due north to the sea. The appropriate regression equation was used to locate the average 7°C isotherm for July, which corresponds to the southern border of the littoral zone. Precipitation differences are less distinct across the coastal plain. Trace amounts are observed more frequently along the coast than inland; total amounts inland are somewhat greater, but more variable in occurrence.

LITERATURE CITED

Barry, R.G. (1967) Seasonal location of the Arctic Front over North America. *Geographical Bulletin*, vol. 9, p. 79–95.

Berg, R.L., J. Brown and R.K. Haugen (1978) Thaw penetration and permafrost conditions associated with the Livengood to Prudhoe Bay road, Alaska. In *Proceedings of the Third International Conference on Permafrost.* Edmonton, Alberta, Canada. National Research Council of Canada, vol. 1, p. 616–621.

Bilello, M.A. (1966) Survey of arctic and subarctic temperature inversions. U.S.A. Cold Regions Research and Engineering Laboratory (CRREL) Technical Report 161. AD645597.

Bilello, M.A. (1974) Air masses, fronts, and winter precipitation in central Alaska. CRREL Research Report 319. AD780696.

Brown, J. and R. Berg, Eds. (1980) Environmental engineering investigations along the Yukon River to Prudhoe Bay haul road, Alaska. CRREL Report 80-19. ADA094497.

Brown, J., S.L. Dingman, and R.I. Lewellen (1968) Hydrology of a drainage basin on the Alaskan Coastal Plain. CRREL Research Report 240. AD671005.

Brown, J., R.K. Haugen, and S. Parrish (1975) Selected climatic and soil thermal characteristics of the Prudhoe Bay region. In *Ecological Investigations of the Tundra Biome in Prudhoe Bay Region, Alaska* (J. Brown, ed.). Biological Papers of the University of Alaska, Special Report 2, p. 3–11.

Cantlon, J.F. (1961) Plant cover in relation to macro-, meso- and micro-relief. Final Report to Arctic Institute of North America on Contracts ONR-208 and ONR-212.

Conover, J.H. (1960) Macro- and micro-climatology of the Arctic Slope of Alaska. U.S. Army Headquaters Quartermaster Research and Engineering Command, Natick, Massachusetts, Technical Report EP-139.

Clebsch, E.E.C. and R.E. Shanks (1968) Summer climatic gradients and vegetation near Barrow, Alaska. *Arctic*, vol. 21, p. 161–171.

Dingman, S.L., G.Weller, R.G. Barry, E. LeDrew, C. Benson and C. Goodwin (1980) Tundra climate and microclimate. In *An Arctic Ecosystem: The Coastal Tundra at Barrow, Alaska* (J. Brown et al., Eds.), Stroudsburg, Pennsylvania: Dowden, Hutchinson and Ross, chapter 3.

Hare, F.K. (1950) Climate and zonal divisions of the boreal forest formation in eastern Canada. *Geographical Review*, vol. 40, p. 615–635.

Haugen, R.K. (1980) Regional climate. In *Environmental Engineering Investigations Along the Yukon River–Prudhoe Bay Haul Road* (J. Brown and R.L. Berg, Eds.) CRREL Report 80-19. ADA094497.

Haugen, R.K. and J. Brown (1978) Climatic and dendroclimatic indices in the discontinuous

permafrost zone of the central Alaskan uplands. *Proceedings of the Third International Conference on Permafrost*, National Research Council of Canada, Ottawa, vol. 1, p. 392-399.

Haugen, R.K. and J. Brown (1980) Coastal inland distributions of summer air temperatures and precipitation in northern Alaska. *Arctic and Alpine Research*, vol. 12, no. 4, p. 403-412.

Haugen, R.K., J. Brown and T.A. May (1976) Climatic and soil temperature observations at Atkasook on the Meade River, Alaska, summer 1975. CRREL Special Report 76-1. ADA025198.

Johnson, P.L. and J.J. Kelly (1970) Dynamics of carbon dioxide and productivity in an arctic biosphere. *Ecology*, vol. 51, p. 73-80.

Johnson, P.L. and F.B. Kistner (1967) Breakup of ice, Meade River, Alaska. CRREL Special Report 118. AD667946.

Kozo, T.L. (1979) Evidence for sea breezes on the Alaskan Beaufort Sea coast. *Geophysical Research Letters*, vol. 6, p. 849-852.

Lotspeich, F.B. and C.W. Slaughter (1981) Preliminary results on structure and functioning of a taiga research watershed. Institute of Water Resources Report, IWR-101, University of Alaska.

Moritz, R.E. (1977) On a possible sea-breeze circulation near Barrow, Alaska. *Arctic and Alpine Research*, vol. 11, p. 427-31.

Myers, J.P. and F.A. Pitelka (1979) Variations in summer temperature patterns near Barrow, Alaska: Analysis and ecological interpretation. *Arctic and Alpine Research*, vol. 11, p. 131-44.

Owens, E.H. and J.R. Harper (1977) Frost-table and thaw depths in the littoral zone near Peard Bay, Alaska. *Arctic*, vol. 30, p. 155-168.

Patric, J.H. and P.E. Black (1968) Potential evapotranspiration and climate in Alaska by Thornthwaite's classification. Pacific Northwest Forest and Range Experiment Station, Juneau, Alaska. U.S. Department of Agriculture Forest Service Research Paper PNW-71, Institute of Northern Forestry.

Searby, H.W. and M. Hunter (1971) Climate of the North Slope of Alaska. U.S. Department of Commerce, National Oceanographic and Atmospheric Administration, Technical Memorandum AR-4.

U.S. Department of Commerce (1973) Monthly normals of temperatures, precipitation and heating and cooling degree days, 1941-70. National Climatic Center, Asheville, North Carolina.

Walker, D.A. and P.J. Webber (1979) Relationships of soil acidity and air temperature to the wind and vegetation at Prudhoe Bay, Alaska. *Arctic*, vol. 32, p. 224-236.

Walker, D.A., K.E. Everett, P.J. Webber and J. Brown (1980) Geobotanical atlas of the Prudhoe Bay region, Alaska. CRREL Report 80-14.

Walsh, J.E. (1977) Measurements of the temperature, wind, and moisture distribution across the northern coast of Alaska. *Arctic and Alpine Research*, vol. 9, p. 175-182.

Watson, C.E. (1959) Climates of the states, Alaska. In *Climatography of the United States*, no. 60-49. U.S. Department of Commerce.

Wiseman, W.J. Jr. and A.D. Short (1976) Mesoscale thermal variations along the arctic north slope. In *Assessment of the Arctic Marine Environment:* Selected Topics (D.W. Hood and D.C. Burrell, Eds.). Institute of Marine Science, University of Alaska, p. 229-240.

APPENDIX A. ALPHABETICAL LIST OF ALL STATIONS AND MONTH-BY-MONTH INVENTORY OF AVAILABLE DATA.

LOCATION													SOURCE	LATITUDE	LONGITUDE	ELEV.(M)
ALLAKAKET		J	F	M	A	M	J	J	A	S	O	N	D	NWS	66.56	152.66	183.00
	1975						X	X	X	X	X	X				
	1976			X	X	X	X	X	X	X	X	X	X			
	1977	X	X	X	X	X	X	X	X	X	X	X	X			
	1978	X	X	X	X	X	X	X	X	X	X	X	X			
	1979	X	X	X	X	X	X		X		X	X				
ATIGUN CAMP		J	F	M	A	M	J	J	A	S	O	N	D	CRREL	68.22	149.42	1035.00
	1975																
	1976								X	X							
	1977					X	X	X	X	X	X						
	1978					X	X	X		X							
	1979																
ATIGUN CAMP		J	F	M	A	M	J	J	A	S	O	N	D	NWS	68.22	149.42	1035.00
	1975						X	X	X	X	X	X					
	1976				X	X	X	X	X	X	X	X					
	1977																
	1978																
	1979																
ATIGUN PASS		J	F	M	A	M	J	J	A	S	O	N	D	CRREL	68.12	149.53	1400.00
	1975																
	1976						X	X	X	X							
	1977						X	X	X	X	X	X					
	1978				X	X	X	X	X		X						
	1979	X			X			X	X	X							
ATKASOOK (MEADE RIVER)		J	F	M	A	M	J	J	A	S	O	N	D	CRREL	70.47	157.40	15.25
	1975						X	X	X								
	1976						X	X	X	X							
	1977						X	X	X								
	1978						X	X	X								
	1979																
BARROW		J	F	M	A	M	J	J	A	S	O	N	D	NWS	71.30	156.78	9.20
	1975	X	X	X	X	X	X	X	X	X	X	X	X				
	1976	X	X	X	X	X	X	X	X	X	X	X	X				
	1977	X	X	X	X	X	X	X	X	X	X	X	X				
	1978	X	X	X	X	X	X	X	X	X	X	X	X				
	1979	X	X	X	X	X	X	X	X	X	X	X	X				
BARTER ISLAND		J	F	M	A	M	J	J	A	S	O	N	D	NWS	71.13	143.63	12.20
	1975	X	X	X	X	X	X	X	X	X	X	X	X				
	1976	X	X	X	X	X	X	X	X	X	X	X	X				
	1977	X	X	X	X	X	X	X	X	X	X	X	X				
	1978	X	X	X	X	X	X	X	X	X	X	X	X				
	1979	X	X	X	X	X	X	X	X	X	X	X	X				
BETTLES		J	F	M	A	M	J	J	A	S	O	N	D	NWS	66.92	151.52	198.00
	1975	X	X	X	X	X	X	X	X	X	X	X	X				
	1976	X	X	X	X	X	X	X	X	X	X	X	X				
	1977	X	X	X	X	X	X	X	X	X	X	X	X				
	1978	X	X	X	X	X	X	X	X	X	X	X	X				
	1979	X	X	X	X	X	X	X	X	X	X	X	X				

CARIBOU CREEK (MAIN)

	J	F	M	A	M	J	J	A	S	O	N	D
1975									X	X	X	
1976		X	X	X	X	X	X	X	X	X	X	
1977					X	X	X	X	X	X		
1978	X	X	X	X	X	X	X	X	X	X		X
1979				X	X	X	X	X	X	X	X	

CRREL 65.13 147.55 264.00

CARIBOU PEAK

	J	F	M	A	M	J	J	A	S	O	N	D
1975								X	X	X	X	X
1976	X	X	X	X	X	X	X		X	X	X	X
1977	X					X	X		X	X	X	
1978	X	X	X	X	X	X	X	X	X	X	X	X
1979	X	X	X	X	X	X			X	X	X	X

CRREL 65.18 147.50 773.00

CHANDALAR LAKE

	J	F	M	A	M	J	J	A	S	O	N	D
1975						X	X	X	X	X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	X
1977	X	X	X	X	X	X	X	X	X	X	X	X
1978	X	X	X	X	X	X	X	X	X	X	X	X
1979	X	X	X	X	X	X	X	X	X	X	X	

NWS 67.50 148.50 564.00

CHANDALAR SHELF CAMP

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976						X	X	X	X	X		
1977					X	X	X	X	X	X	X	
1978			X	X	X	X	X	X	X			
1979					X	X	X	X				

CRREL 68.08 149.58 1000.00

CHANDALAR SHELF CAMP

	J	F	M	A	M	J	J	A	S	O	N	D
1975						X	X	X	X	X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	X
1977	X	X	X	X	X	X	X	X	X	X	X	X
1978	X											
1979												

NWS 68.08 149.58 1000.00

CHENA DAM

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976												
1977										X	X	X
1978	X		X	X	X	X	X	X	X	X		
1979			X	X	X	X	X	X	X	X	X	X

CRREL 64.41 147.10 152.40

CHENA DAM GROUND SURFACE (GRASS)

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976												
1977										X	X	X
1978		X	X		X	X						
1979						X	X	X	X			

CRREL 64.41 147.10 152.40

COLDFOOT CAMP

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976						X	X	X	X	X		
1977					X	X	X	X	X	X		
1978				X	X	X	X	X	X	X		
1979					X	X	X	X	X			

CRREL 67.27 150.23 325.00

COLDFOOT CAMP — NWS — 67.27 — 150.23 — 325.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975					X	X	X	X	X	X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	X
1977	X	X	X	X								
1978												
1979												

DEADHORSE — CRREL — 70.20 — 148.46 — 18.20

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976						X	X	X				
1977					X	X	X	X	X	X		
1978					X	X	X			X	X	
1979					X	X	X	X	X	X	X	

DEADHORSE — NWS — 70.20 — 148.46 — 18.20

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976												
1977												
1978												
1979	X	X	X	X	X		X	X	X	X	X	X

DEADHORSE GROUND SURFACE (GRAVEL) — CRREL — 70.20 — 148.46 — 18.20

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976						X	X	X				
1977					X	X	X	X	X	X		
1978						X				X	X	
1979					X	X						

DIETRICH CAMP (AIRFIELD) — CRREL — 67.73 — 149.75 — 445.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976						X	X	X	X			
1977					X	X	X	X	X	X		
1978					X	X	X	X	X			
1979					X	X	X	X				

DIETRICH CAMP (AIRFIELD) — NWS — 67.73 — 149.75 — 445.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975						X	X	X	X	X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	
1977												
1978												
1979												

EAGLE CREEK GROUND SURFACE (TUSSOCK) — CRREL — 65.26 — 145.30 — 690.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975							X	X	X	X	X	
1976	X	X	X	X	X	X	X	X	X	X	X	X
1977			X	X		X	X		X	X		
1978	X		X	X	X		X	X	X	X	X	
1979							X	X	X			

EAGLE CREEK LODGE — CRREL — 65.26 — 145.30 — 690.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975							X	X	X	X	X	
1976	X	X	X	X	X	X				X	X	X
1977	X		X			X		X	X	X		
1978	X	X	X		X	X	X		X	X	X	
1979							X	X	X			

EAGLE CREEK (TREES)

	J	F	M	A	M	J	J	A	S	O	N	D
1975							X	X	X	X	X	
1976	X			X	X	X	X	X	X	X	X	X
1977	X		X		X	X	X	X	X	X	X	X
1978	X	X	X	X	X	X	X	X	X	X		
1979					X	X	X	X	X			

CRREL 65.26 145.29 884.00

EAGLE CREEK (TUSSCCK)

	J	F	M	A	M	J	J	A	S	O	N	D
1975							X	X	X	X	X	
1976	X	X	X	X	X	X	X	X	X	X	X	X
1977	X		X	X		X	X	X	X	X		X
1978	X	X	X	X	X		X	X	X	X	X	
1979			X				X	X	X			

CRREL 65.26 145.30 762.00

EAGLE SUMMIT

	J	F	M	A	M	J	J	A	S	O	N	D
1975							X	X	X	X	X	
1976				X	X	X		X	X			
1977				X		X	X	X	X	X		X
1978	X	X		X	X	X		X	X		X	
1979												

CRREL 65.46 145.33 1130.00

EAST OUMALIK

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976												
1977												
1978												
1979						X	X	X				

CRREL 69.65 155.70 87.00

ELLICTT HIGHWAY

	J	F	M	A	M	J	J	A	S	O	N	D
1975							X	X	X	X	X	
1976	X	X	X	X	X	X	X	X	X	X		
1977			X	X	X	X	X	X	X		X	X
1978	X	X	X	X	X	X	X	X				
1979	X		X	X	X		X	X	X	X	X	

CRREL 65.32 149.10 732.00

ELLICTT HWY GROUND SURFACE (TUSSOCK)

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976												
1977	X		X	X	X	X	X	X	X		X	
1978	X		X	X	X	X						
1979												

CRREL 65.32 149.10 731.00

FAIRBANKS

	J	F	M	A	M	J	J	A	S	O	N	D
1975						X	X	X	X	X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	X
1977	X	X	X	X	X	X	X	X	X	X	X	X
1978	X	X	X	X	X	X	X	X	X	X	X	X
1979	X	X	X	X	X	X	X	X	X	X	X	X

NWS 64.82 147.86 133.00

FISH CREEK

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976												
1977												
1978						X	X					
1979						X	X	X	X	X	X	X

CRREL 70.30 151.86 10.00

FIVE MILE CAMP (AIRFIELD) — CRREL — 65.93 — 149.83 — 145.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976						X	X	X	X	X		
1977					X	X	X	X	X	X		
1978				X	X	X	X	X	X	X		
1979						X						

FIVE MILE CAMP (AIRFIELD) — NWS — 65.93 — 149.83 — 145.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975					X	X	X	X	X	X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	X
1977	X	X	X	X	X	X	X	X	X	X	X	X
1978	X	X	X	X	X	X	X	X	X	X	X	X
1979	X	X	X	X	X	X	X	X	X	X	X	X

FRANKLIN BLUFFS CAMP (AIRFIELD) — CRREL — 69.72 — 148.68 — 108.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976						X	X	X	X			
1977					X	X	X	X	X			
1978								X	X			
1979					X	X	X	X	X	\		

FRANKLIN BLUFFS CAMP (AIRFIELD) — NWS — 69.72 — 148.68 — 108.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975						X	X	X	X	X	X	X
1976				X	X	X	X	X	X	X	X	X
1977	X	X	X	X	X	X	X					
1978												
1979												

GALBRAITH (AIRFIELD) — CRREL — 68.48 — 149.48 — 820.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976						X	X	X	X			
1977					X							
1978			X	X	X	X	X	X	X			
1979			X	X	X	X	X	X	X			

GALBRAITH (AIRFIELD) — NWS — 68.48 — 149.48 — 820.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975					X	X	X	X	X	X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	X
1977	X	X	X	X	X	X	X	X	X	X	X	X
1978	X	X		X	X	X			X	X	X	X
1979	X	X	X	X	X		X	X	X	X	X	X

GALBRAITH GROUND SURFACE (GRAVEL) — CRREL — 68.48 — 149.48 — 819.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976						X	X	X				
1977					X	X	X	X	X	X		
1978				X	X	X	X	X	X			
1979			X	X	X		X	X	X	X	X	X

GOBBLER'S KNOB — CRREL — 66.76 — 150.55 — 650.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976												
1977					X	X	X	X	X	X	X	X
1978	X	X		X	X	X	X	X	X			
1979					X							

HAPPY VALLEY CAMP (AIRFIELD)

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976						X	X		X			
1977					X	X	X	X	X	X		
1978					X	X	X	X	X			
1979					X	X	X	X	X			

CRREL 69.17 148.83 290.00

HAPPY VALLEY CAMP (AIRFIELD)

	J	F	M	A	M	J	J	A	S	O	N	D
1975					X	X	X	X		X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	X
1977												
1978												
1979												

NWS 69.17 148.83 290.00

HAYSTACK MOUNTAIN

	J	F	M	A	M	J	J	A	S	O	N	D
1975							X	X	X	X	X	
1976	X	X	X		X	X	X	X	X	X	X	X
1977	X		X	X		X	X	X	X	X	X	X
1978	X		X	X		X	X	X	X	X	X	X
1979	X	X	X	X	X				X	X	X	

CRREL 65.17 147.95 767.00

INDIAN MOUNTAIN

	J	F	M	A	M	J	J	A	S	O	N	D
1975							X	X	X	X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	X
1977	X	X	X	X	X	X	X	X	X	X		
1978									X	X	X	X
1979	X	X	X	X	X	X	X	X	X	X	X	X

NWS 65.98 153.68 372.00

LIVENGOOD CAMP

	J	F	M	A	M	J	J	A	S	O	N	D
1975							X	X	X	X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	
1977												
1978												
1979												

NWS 65.52 148.53 161.00

LONELY CAMP (AIRFIELD)

	J	F	M	A	M	J	J	A	S	O	N	D
1975					X	X	X	X	X			
1976					X	X	X	X	X			
1977					X	X	X	X	X			
1978	X	X	X	X	X	X	X	X	X	X		
1979	X	X	X	X	X	X	X	X	X		X	X

NWS 70.92 153.25 3.05

OLD MAN CAMP (AIRFIELD)

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976						X	X	X	X	X		
1977					X	X	X	X	X	X		
1978				X	X	X	X	X	X			
1979												

CRREL 66.45 150.58 406.00

OLD MAN CAMP (AIRFIELD)

	J	F	M	A	M	J	J	A	S	O	N	D
1975						X	X	X	X	X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	
1977												
1978												
1979												

NWS 66.45 150.58 406.00

PROSPECT CREEK (AIRFIELD)

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976						X	X	X				
1977						X	X	X	X	X		
1978		X	X	X	X	X	X	X	X	X		
1979						X	X	X	X	X		

CRREL 66.82 150.65 337.00

PROSPECT CREEK (AIRFIELD)

	J	F	M	A	M	J	J	A	S	O	N	D
1975						X	X	X	X	X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	X
1977	X	X	X	X	X	X	X	X	X	X	X	X
1978	X	X	X	X	X	X	X	X	X	X	X	X
1979	X	X	X	X	X	X	X	X	X	X	X	X

NWS 66.82 150.65 337.00

PRUDHOE BAY (ARCO AIRFIELD)

	J	F	M	A	M	J	J	A	S	O	N	D
1975	X		X	X	X	X	X	X	X	X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	X
1977	X	X	X	X	X	X	X	X	X	X	X	X
1978	X	X	X	X	X	X	X	X	X	X	X	X
1979	X		X	X	X	X	X	X	X	X	X	X

NWS 70.25 148.53 18.50

PRUDHOE BAY (DRILL SITE II)

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976												
1977							X	X	X	X		
1978						X	X	X	X			
1979												

CRREL 70.27 148.48 14.50

PRUDHOE BAY (PAD F)

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976							X	X				
1977						X	X	X	X	X		
1978							X					
1979												

CRREL 70.34 148.76 6.20

PRUDHOE BAY (WEST PIER)

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976							X	X	X			
1977						X	X	X	X	X		
1978						X	X	X	X			
1979					X	X	X	X	X	X		

CRREL 70.38 148.53 3.00

SAGAVANIRTOK RIVER (MS-132)

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976												
1977												
1978							X	X	X	X		
1979	X	X						X				

CRREL 69.85 148.65 80.00

SAGWON BLUFF (MS-127)

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976							X	X	X	X		
1977						X	X	X	X	X	X	X
1978	X	X	X	X	X	X	X	X	X	X	X	
1979	X				X	X	X	X	X			

CRREL 69.33 148.67 305.00

SAGWON BLUFF GROUND SURFACE (TUSSOCK) CRREL 69.33 148.67 305.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976							X	X				
1977							X	X	X	X	X	X
1978	X	X	X	X	X	X	X	X	X	X	X	
1979					X		X	X				

TANANA NWS 65.16 152.10 70.75

	J	F	M	A	M	J	J	A	S	O	N	D
1975						X	X	X	X	X	X	X
1976	X	X	X	X	X	X	X	X	X	X	X	X
1977	X	X	X	X	X	X	X	X	X	X	X	
1978	X	X	X	X	X	X	X	X	X	X		
1979	X	X	X	X		X	X	X	X	X	X	X

TAPS ROAD CRREL 65.82 149.52 691.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976			X	X		X		X	X		X	
1977						X		X	X			
1978				X	X			X	X			
1979		X	X	X	X		X	X	X	X	X	X

TIMBERLINE (HAUL ROAD) CRREL 68.03 149.70 690.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976												
1977					X	X	X	X	X	X		
1978					X	X	X	X	X			
1979					X	X	X	X				

TOLIK LAKE CRREL 68.59 149.58 760.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976							X	X	X			
1977					X	X	X	X	X	X		
1978					X	X						
1979												

TOLIK RIVER (MS 117) CRREL 68.62 149.27 850.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976												
1977					X	X	X	X	X	X		
1978												
1979		X			X	X	X					

UMIAT NWS 69.37 152.13 81.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975											X	X
1976	X	X	X		X	X	X	X	X	X	X	X
1977	X	X	X	X	X	X	X	X	X	X	X	X
1978	X	X	X	X	X	X	X	X	X	X		
1979	X	X	X	X	X	X	X	X	X	X	X	X

WEST OUMALIK CRREL 69.70 155.80 55.00

	J	F	M	A	M	J	J	A	S	O	N	D
1975												
1976												
1977												
1978												
1979						X	X	X	X	X	X	

ALLAKAKET: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	18.7	22.5	17.7	8.3	-2.5	-22.0	N/D	7.3
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	5.3	8.9	2.4	-2.4	-15.2	-33.9	N/D	-5.8
AVERAGE	N/D	N/D	N/D	N/D	N/D	12.5	15.7	10.0	2.9	-8.9	-28.0	N/D	0.7
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	7.5	8.7	9.8	6.9	10.9	9.4	N/D	8.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	32.5	30.0	27.2	17.2	5.4	-1.1	N/D	30.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-1.7	-2.2	-6.7	-11.1	-40.0	-41.7	N/D	-41.7
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	363.	488.	301.	108.	2.	0.	N/D	1261.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	21.	276.	812.	N/D	1109.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	1.	0.	1.	0.	0.	1.	N/D	3.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	-7.6	4.7	11.9	20.9	20.8	21.4	12.1	-2.8	-8.2	-21.2	5.1
AVERAGE MIN	N/D	N/D	-25.4	-12.2	-0.3	9.5	5.8	2.0	-0.9	-14.2	-23.4	-36.6	-10.1
AVERAGE	N/D	N/D	-16.5	-4.3	5.8	15.7	13.3	11.7	5.6	-8.5	-15.8	-28.9	-2.5
STANDARD DEVIATION	N/D	N/D	11.3	10.1	6.7	4.8	6.7	10.0	7.2	9.7	10.8	12.2	9.6
ABSOLUTE MAX	N/D	N/D	-6.8	12.2	19.4	28.1	30.0	27.8	23.3	6.7	3.3	-4.4	30.0
ABSOLUTE MIN	N/D	N/D	-41.1	-28.3	-5.6	-2.8	0.6	-1.7	-5.0	-36.7	-36.7	-51.1	-51.1
THAW DEGREE DAYS (C)	N/D	N/D	0.	19.	180.	292.	411.	363.	169.	2.	0.	0.	1437.
FREEZE DEGREE DAYS (C)	N/D	N/D	412.	147.	0.	0.	0.	0.	0.	267.	427.	896.	2150.
# DAYS MISSING DATA	N/D	N/D	9.	0.	0.	7.	0.	0.	0.	0.	3.	0.	16.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-11.8	-11.5	-14.9	-2.6	11.5	20.7	23.4	22.5	11.1	-1.2	-13.3	-23.8	0.3
AVERAGE MIN	-28.3	-27.2	-35.6	-22.8	-1.6	5.6	4.7	1.6	-3.2	-14.6	-31.9	-34.1	-15.7
AVERAGE	-20.1	-19.8	-25.7	-12.7	4.9	13.1	14.0	12.1	4.0	-7.9	-25.6	-29.0	-7.7
STANDARD DEVIATION	11.4	11.5	13.6	13.5	8.0	7.9	9.9	11.2	5.1	8.9	9.9	15.7	10.9
ABSOLUTE MAX	-2.2	1.7	-1.7	8.3	21.7	23.9	30.0	31.1	18.9	7.8	-9.4	0.6	31.1
ABSOLUTE MIN	-45.6	-50.0	-48.3	-40.0	-11.7	1.7	-2.6	-8.3	-9.4	-25.6	-43.9	-50.0	-50.0
THAW DEGREE DAYS (C)	0.	0.	0.	8.	160.	344.	454.	374.	117.	1.	0.	0.	1489.
FREEZE DEGREE DAYS (C)	822.	648.	721.	384.	7.	0.	0.	0.	2.	238.	768.	897.	4131.
# DAYS MISSING DATA	0.	0.	3.	0.	0.	0.	0.	0.	1.	1.	0.	0.	5.

ALLAKAKET: NWS (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-16.3	-17.0	-7.0	2.2	14.2	17.2	22.6	20.8	13.4	-4.1	-9.3	-15.1	1.8
AVERAGE MIN	-29.4	-33.7	-28.4	-15.4	-2.6	4.1	6.1	1.4	-4.0	-17.8	-26.5	-30.6	-14.7
AVERAGE	-22.8	-25.4	-17.7	-6.6	5.8	10.6	14.4	11.1	4.7	-11.0	-17.9	-22.9	-6.5
STANDARD DEVIATION	11.2	14.0	11.9	12.9	9.2	7.4	8.8	10.3	10.2	8.7	12.0	13.3	10.8
ABSOLUTE MAX	-3.3	1.1	2.2	12.8	21.1	23.9	27.8	27.8	23.9	2.8	2.2	0.0	27.8
ABSOLUTE MIN	-46.7	-53.3	-37.2	-34.4	-13.3	-8.3	1.7	-5.0	-15.0	-31.1	-41.1	-49.4	-53.3
THAW DEGREE DAYS (C)	0.	0.	0.	22.	179.	319.	445.	344.	152.	0.	0.	0.	1461.
FREEZE DEGREE DAYS (C)	708.	710.	548.	219.	0.	0.	0.	0.	11.	340.	502.	709.	3748.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	0.	2.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-20.6	-28.6	-8.6	0.3	15.8	19.1	21.7	20.1	N/D	1.1	-4.2	-24.9	-0.8
AVERAGE MIN	-34.0	-47.6	-30.3	-17.9	-3.7	2.6	5.8	2.4	N/D	-7.3	-15.6	-38.3	-16.7
AVERAGE	-27.3	-38.1	-19.4	-8.8	6.0	10.9	13.7	11.2	N/D	-3.1	-9.9	-31.6	-8.8
STANDARD DEVIATION	10.8	10.9	14.1	13.3	10.6	9.3	8.9	9.5	N/D	6.8	8.7	14.5	10.7
ABSOLUTE MAX	-8.3	-14.4	4.4	12.2	28.6	25.0	27.2	25.6	N/D	10.0	3.3	0.6	27.2
ABSOLUTE MIN	-48.3	-53.9	-45.6	-36.7	-20.0	-17.8	2.2	-4.4	N/D	-18.3	-31.7	-50.6	-53.9
THAW DEGREE DAYS (C)	0.	0.	0.	13.	187.	306.	247.	337.	N/D	23.	0.	0.	1114.
FREEZE DEGREE DAYS (C)	846.	1029.	582.	267.	6.	2.	0.	0.	N/D	119.	267.	980.	4099.
# DAYS MISSING DATA	0.	1.	1.	1.	1.	2.	13.	1.	N/D	0.	3.	0.	23.

ATIGUN CAMP: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	14.8	5.4	N/D	N/D	N/D	10.1
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	6.4	0.0	N/D	N/D	N/D	3.2
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	N/D	10.6	2.7	N/D	N/D	N/D	6.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	N/D	5.4	4.0	N/D	N/D	N/D	4.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	N/D	25.5	10.0	N/D	N/D	N/D	25.5
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	1.0	-9.0	N/D	N/D	N/D	-9.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	328.	95.	N/D	N/D	N/D	422.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.	13.	N/D	N/D	N/D	13.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	N/D	N/D	N/D	0.

ATIGUN CAMP: CRREL (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	3.7	9.9	16.4	16.6	4.2	-8.0	N/D	N/D	7.1
AVERAGE MIN	N/D	N/D	N/D	N/D	-4.7	2.8	7.1	9.1	-1.7	-12.6	N/D	N/D	-0.0
AVERAGE	N/D	N/D	N/D	N/D	-0.5	6.3	11.7	12.8	1.2	-10.3	N/D	N/D	3.5
STANDARD DEVIATION	N/D	N/D	N/D	N/D	6.2	5.0	6.8	6.4	5.3	6.3	N/D	N/D	6.0
ABSOLUTE MAX	N/D	N/D	N/D	N/D	12.5	16.5	23.0	25.0	13.0	3.0	N/D	N/D	25.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-12.5	-2.0	-3.0	-1.0	-13.0	-22.0	N/D	N/D	-22.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	45.	191.	364.	398.	74.	0.	N/D	N/D	1072.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	61.	1.	1.	0.	37.	321.	N/D	N/D	420.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	N/D	N/D	0.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	3.1	9.7	16.0	13.8	5.3	N/D	N/D	N/D	9.6
AVERAGE MIN	N/D	N/D	N/D	N/D	-6.0	2.7	8.0	5.5	-0.7	N/D	N/D	N/D	1.9
AVERAGE	N/D	N/D	N/D	N/D	-1.4	6.2	12.0	9.7	2.3	N/D	N/D	N/D	5.7
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.8	4.4	4.8	4.9	6.3	N/D	N/D	N/D	5.2
ABSOLUTE MAX	N/D	N/D	N/D	N/D	13.0	16.0	21.0	19.0	17.0	N/D	N/D	N/D	21.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-12.0	-3.0	5.0	3.0	-7.0	N/D	N/D	N/D	-12.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	24.	186.	373.	155.	107.	N/D	N/D	N/D	844.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	49.	1.	0.	0.	38.	N/D	N/D	N/D	107.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	15.	0.	N/D	N/D	N/D	15.

ATIGUN CAMP: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	13.6	16.6	12.8	2.6	-6.3	-16.3	N/D	3.8
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	3.1	2.6	1.7	-8.1	-17.2	-25.7	N/D	-7.2
AVERAGE	N/D	N/D	N/D	N/D	N/D	8.3	9.6	7.2	-2.8	-11.7	-21.0	N/D	-1.7
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	5.7	9.1	7.1	7.4	9.1	7.5	N/D	7.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	17.2	23.9	21.7	9.4	5.0	-6.7	N/D	23.9
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-0.6	-22.2	-7.2	-20.0	-31.1	-33.3	N/D	-33.3
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	250.	311.	224.	22.	0.	0.	N/D	808.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	14.	0.	104.	363.	630.	N/D	1111.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	N/D	0.

ATIGUN CAMP: NWS (cont'd)

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	-0.2	6.2	14.6	16.0	15.5	6.3	-9.2	-7.7	N/D	5.2
AVERAGE MIN	N/D	N/D	N/D	-13.1	-6.7	2.4	4.4	5.1	-1.0	-17.1	-16.0	N/D	-5.3
AVERAGE	N/D	N/D	N/D	-6.6	-0.2	8.5	10.2	10.3	2.6	-13.2	-11.9	N/D	-0.0
STANDARD DEVIATION	N/D	N/D	N/D	8.2	7.9	6.8	6.9	6.2	4.9	9.3	8.1	N/D	7.3
ABSOLUTE MAX	N/D	N/D	N/D	8.3	15.6	29.0	24.4	25.0	11.7	0.0	3.9	N/D	25.0
ABSOLUTE MIN	N/D	N/D	N/D	-26.1	-17.2	-3.3	-2.2	-1.1	-8.4	-32.2	-28.3	N/D	-32.2
THAW DEGREE DAYS (C)	N/D	N/D	N/D	1.	46.	256.	316.	318.	94.	0.	2.	N/D	1032.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	201.	53.	0.	0.	0.	15.	408.	357.	N/D	1034.
# DAYS MISSING DATA	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	0.	0.	N/D	0.

ATIGUN PASS: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-1.8	5.9	9.8	9.0	2.1	-6.6	N/D	N/D	3.1
AVERAGE MIN	N/D	N/D	N/D	N/D	-8.1	-0.3	3.4	2.8	-1.7	-10.5	N/D	N/D	-2.4
AVERAGE	N/D	N/D	N/D	N/D	-5.0	2.8	6.6	5.9	0.2	-8.6	N/D	N/D	0.3
STANDARD DEVIATION	N/D	N/D	N/D	N/D	6.5	4.1	5.3	4.6	3.6	4.0	N/D	N/D	4.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	15.0	12.0	18.5	19.0	7.0	-1.0	N/D	N/D	19.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-10.0	-4.5	-2.0	-2.5	-9.0	-17.0	N/D	N/D	-17.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	5.	89.	206.	183.	43.	0.	N/D	N/D	526.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	35.	5.	1.	0.	36.	137.	N/D	N/D	214.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	25.	0.	0.	0.	0.	15.	N/D	N/D	40.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	5.0	11.9	11.8	-3.2	-11.6	-15.9	N/D	-0.3
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	-0.1	5.4	7.0	-6.7	-14.6	-20.5	N/D	-4.9
AVERAGE	N/D	N/D	N/D	N/D	N/D	2.4	8.7	9.4	-5.0	-13.1	-18.2	N/D	-2.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	4.1	5.9	5.6	4.5	4.9	5.8	N/D	5.1
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	11.0	20.0	20.0	5.0	-3.0	-1.0	N/D	20.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-4.0	-5.5	-4.0	-15.0	-24.0	-27.0	N/D	-27.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	85.	274.	294.	2.	0.	0.	N/D	654.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	12.	5.	1.	150.	407.	546.	N/D	1121.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	N/D	0.

ATIGUN PASS: CRREL (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	-24.0	-11.4	0.9	4.3	11.2	9.0	N/D	-17.6	-16.6	N/D	-5.4
AVERAGE MIN	N/D	N/D	-28.0	-17.0	-7.5	-1.3	5.1	1.7	N/D	-22.8	-22.4	N/D	-11.7
AVERAGE	N/D	N/D	-26.0	-14.2	-3.3	1.5	8.1	5.3	N/D	-20.2	-19.5	N/D	-8.5
STANDARD DEVIATION	N/D	N/D	3.9	6.1	6.2	3.6	4.0	4.5	N/D	3.9	5.3	N/D	4.7
ABSOLUTE MAX	N/D	N/D	-20.0	-1.0	9.0	10.5	15.5	14.5	N/D	-9.0	-11.0	N/D	15.5
ABSOLUTE MIN	N/D	N/D	-31.0	-28.0	-15.0	-8.0	1.0	-6.0	N/D	-26.5	-30.0	N/D	-31.0
THAW DEGREE DAYS (C)	N/D	N/D	0.	0.	13.	55.	252.	165.	N/D	0.	0.	N/D	485.
FREEZE DEGREE DAYS (C)	N/D	N/D	52.	425.	102.	12.	0.	0.	N/D	485.	332.	N/D	1407.
# DAYS MISSING DATA	N/D	N/D	28.	0.	4.	1.	0.	0.	N/D	7.	13.	N/D	54.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-20.7	-16.1	N/D	-12.2	N/D	N/D	-8.3	15.3	-0.1	N/D	N/D	N/D	-7.0
AVERAGE MIN	-26.8	-21.3	N/D	-17.8	N/D	N/D	-11.6	11.1	-4.1	N/D	N/D	N/D	-11.7
AVERAGE	-23.7	-18.7	N/D	-15.0	N/D	N/D	-10.0	13.2	-2.1	N/D	N/D	N/D	-9.4
STANDARD DEVIATION	6.7	3.5	N/D	6.6	N/D	N/D	2.9	3.0	4.8	N/D	N/D	N/D	4.6
ABSOLUTE MAX	-6.7	-11.7	N/D	-0.6	N/D	N/D	-5.0	20.0	7.8	N/D	N/D	N/D	20.0
ABSOLUTE MIN	-37.2	-25.0	N/D	-31.7	N/D	N/D	-15.0	7.2	-11.7	N/D	N/D	N/D	-37.2
THAW DEGREE DAYS (C)	0.	0.	N/D	0.	N/D	N/D	0.	317.	22.	N/D	N/D	N/D	339.
FREEZE DEGREE DAYS (F)	712.	285.	N/D	426.	N/D	N/D	259.	0.	72.	N/D	N/D	N/D	1668.
# DAYS MISSING DATA	1.	17.	N/D	2.	N/D	N/D	5.	7.	6.	N/D	N/D	N/D	38.

ATKASOOK, MEADE RIVER: CRREL

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	6.6	11.1	8.6	N/D	N/D	N/D	N/D	9.8
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	1.0	3.2	0.8	N/D	N/D	N/D	N/D	1.7
AVERAGE	N/D	N/D	N/D	N/D	N/D	3.8	7.2	4.8	N/D	N/D	N/D	N/D	5.2
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	4.9	5.5	5.5	N/D	N/D	N/D	N/D	5.3
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	15.6	22.5	18.3	N/D	N/D	N/D	N/D	22.5
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-2.2	-2.2	-2.2	N/D	N/D	N/D	N/D	-2.2
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	112.	222.	128.	N/D	N/D	N/D	N/D	463.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	2.	0.	0.	N/D	N/D	N/D	N/D	2.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	1.	0.	4.	N/D	N/D	N/D	N/D	5.

ATKASOOK, MEADE RIVER: CRREL (cont'd)

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-3.4	6.1	12.7	12.7	3.2	N/D	N/D	N/D	6.3
AVERAGE MIN	N/D	N/D	N/D	N/D	-7.6	-0.8	3.5	3.4	-0.7	N/D	N/D	N/D	-0.4
AVERAGE	N/D	N/D	N/D	N/D	-5.5	2.7	8.1	8.1	1.2	N/D	N/D	N/D	2.9
STANDARD DEVIATION	N/D	N/D	N/D	N/D	3.4	5.0	6.3	6.1	3.1	N/D	N/D	N/D	4.8
ABSOLUTE MAX	N/D	N/D	N/D	N/D	1.7	17.8	20.6	21.1	11.7	N/D	N/D	N/D	21.1
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-12.8	-3.9	-1.1	-0.6	-3.9	N/D	N/D	N/D	-12.8
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	83.	243.	242.	36.	N/D	N/D	N/D	605.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	55.	3.	0.	0.	5.	N/D	N/D	N/D	63.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	21.	0.	1.	1.	5.	N/D	N/D	N/D	28.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	7.9	15.3	15.3	N/D	N/D	N/D	N/D	12.8
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	0.8	5.7	7.5	N/D	N/D	N/D	N/D	4.7
AVERAGE	N/D	N/D	N/D	N/D	N/D	4.4	10.5	11.4	N/D	N/D	N/D	N/D	8.8
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	4.3	6.3	5.9	N/D	N/D	N/D	N/D	5.5
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	17.0	26.0	25.0	N/D	N/D	N/D	N/D	26.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-1.0	0.0	1.0	N/D	N/D	N/D	N/D	-1.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	131.	326.	332.	N/D	N/D	N/D	N/D	789.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	N/D	N/D	N/D	N/D	0.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	2.	N/D	N/D	N/D	N/D	2.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	7.6	15.3	10.4	5.0	N/D	N/D	N/D	9.6
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	0.5	4.9	1.4	2.2	N/D	N/D	N/D	2.3
AVERAGE	N/D	N/D	N/D	N/D	N/D	4.1	10.1	5.9	3.6	N/D	N/D	N/D	5.9
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	4.8	6.5	5.7	1.4	N/D	N/D	N/D	4.6
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	14.4	26.7	22.2	5.0	N/D	N/D	N/D	26.7
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-2.8	1.7	-1.7	2.2	N/D	N/D	N/D	-2.8
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	126.	314.	177.	4.	N/D	N/D	N/D	615.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	1.	0.	0.	0.	N/D	N/D	N/D	1.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	1.	0.	1.	29.	N/D	N/D	N/D	31.

BARROW: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-29.5	-22.1	-18.5	-15.7	-4.5	2.7	5.0	3.9	-2.4	-12.4	-20.9	-25.7	-11.7
AVERAGE MIN	-35.4	-28.4	-24.7	-24.6	-8.9	-1.1	0.9	-0.9	-6.6	-17.4	-27.2	-31.6	-17.3
AVERAGE	-32.4	-25.3	-21.8	-20.2	-7.2	0.8	3.0	1.5	-4.5	-14.9	-24.1	-28.7	-14.5
STANDARD DEVIATION	5.2	5.3	5.2	5.6	4.3	3.6	3.5	3.8	5.5	7.4	6.1	6.5	5.7
ABSOLUTE MAX	-5.7	-3.3	-10.6	-5.0	0.6	14.4	17.6	15.0	4.4	-1.1	-5.6	-16.1	17.8
ABSOLUTE MIN	-47.2	-36.7	-31.7	-31.7	-18.3	-6.7	-1.7	-3.3	-17.2	-30.0	-36.7	-40.6	-47.2
THAW DEGREE DAYS (C)	0.	0.	0.	0.	0.	41.	92.	54.	10.	0.	0.	0.	197.
FREEZE DEGREE DAYS (C)	1006.	709.	676.	607.	223.	17.	0.	7.	146.	462.	722.	889.	5462.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-25.2	-27.6	-23.3	-14.7	-6.0	3.3	6.7	5.8	1.6	-7.3	-13.4	-24.8	-10.4
AVERAGE MIN	-31.4	-33.4	-29.2	-23.1	-10.5	-1.7	0.4	0.3	-1.4	-13.0	-19.4	-28.9	-15.9
AVERAGE	-28.3	-30.5	-26.2	-19.9	-8.3	0.8	3.6	3.1	0.1	-10.2	-16.4	-26.9	-13.2
STANDARD DEVIATION	7.0	6.5	4.2	6.7	4.8	3.9	4.6	3.8	2.8	6.2	6.0	3.9	5.1
ABSOLUTE MAX	-4.3	-12.2	-17.2	-5.0	1.7	15.0	16.7	12.2	8.9	-1.1	-2.8	-20.0	16.7
ABSOLUTE MIN	-40.6	-40.6	-35.6	-33.9	-17.2	-5.0	-1.7	-2.2	-7.8	-22.8	-30.0	-33.9	-40.6
THAW DEGREE DAYS (C)	0.	0.	0.	0.	0.	41.	112.	95.	25.	0.	0.	0.	273.
FREEZE DEGREE DAYS (C)	877.	784.	813.	567.	256.	17.	1.	0.	22.	316.	492.	833.	5078.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-19.8	-24.5	-27.2	-17.5	-5.2	3.0	6.6	9.6	3.9	-5.3	-17.9	-18.3	-9.4
AVERAGE MIN	-24.7	-29.2	-33.0	-25.1	-9.2	-0.7	0.9	4.1	0.1	-8.0	-23.1	-26.1	-14.5
AVERAGE	-22.2	-26.8	-30.1	-21.3	-7.2	1.1	3.8	6.9	2.0	-6.6	-20.5	-22.2	-11.9
STANDARD DEVIATION	5.3	5.3	4.4	8.1	4.1	2.3	4.2	5.0	3.6	5.4	5.9	8.0	5.3
ABSOLUTE MAX	-11.7	-15.0	-22.2	-0.6	2.2	-3.1	17.2	20.6	11.1	5.0	-8.3	-2.8	20.6
ABSOLUTE MIN	-33.9	-41.1	-39.4	-35.0	-18.9	-3.3	-1.1	-0.6	-4.4	-19.4	-33.3	-36.1	-41.1
THAW DEGREE DAYS (C)	0.	0.	0.	0.	0.	36.	117.	213.	71.	5.	0.	0.	443.
FREEZE DEGREE DAYS (C)	689.	751.	933.	639.	224.	2.	0.	0.	11.	211.	615.	689.	4764.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

BARROW: NWS (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-17.8	-22.8	-20.1	-13.1	-6.0	3.0	7.5	5.1	2.7	-11.7	-10.8	-21.8	-8.8
AVERAGE MIN	-24.4	-28.5	-27.0	-20.7	-11.4	-2.0	1.2	-0.1	-1.0	-15.9	-18.8	-29.1	-14.8
AVERAGE	-21.1	-25.7	-23.6	-16.9	-8.7	0.5	4.4	2.5	0.8	-13.8	-14.8	-25.4	-11.8
STANDARD DEVIATION	5.9	7.1	6.0	6.6	4.1	3.7	4.8	4.6	4.2	6.3	8.2	9.0	6.0
ABSOLUTE MAX	-8.3	-9.4	-9.4	2.2	4.4	9.4	19.4	16.7	15.0	-2.8	0.0	-5.0	19.4
ABSOLUTE MIN	-32.8	-41.1	-36.1	-31.1	-16.7	-5.0	-1.7	-3.3	-10.0	-26.1	-27.2	-42.2	-42.2
THAW DEGREE DAYS (C)	0.	0.	0.	0.	0.	39.	135.	81.	54.	0.	0.	0.	308.
FREEZE DEGREE DAYS (C)	654.	719.	731.	507.	269.	23.	0.	3.	29.	429.	443.	789.	4596.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-16.2	-24.5	-23.6	-14.4	-4.5	2.7	10.4	10.5	4.1	-5.9	-9.3	-21.5	-7.7
AVERAGE MIN	-22.0	-33.2	-30.4	-22.2	-9.0	-2.2	1.8	5.1	0.9	-8.6	-15.7	-27.3	-13.6
AVERAGE	-19.1	-28.9	-27.0	-18.3	-6.8	0.2	6.1	7.8	2.5	-7.3	-12.5	-24.4	-10.6
STANDARD DEVIATION	6.6	7.3	6.9	10.4	4.8	3.5	6.0	4.5	2.8	5.8	7.2	6.9	6.1
ABSOLUTE MAX	-6.1	-13.3	-2.2	2.2	6.1	14.4	18.3	21.1	11.1	1.1	0.0	-5.6	21.1
ABSOLUTE MIN	-36.1	-41.1	-40.0	-34.4	-18.3	-5.6	-2.8	1.1	-4.4	-18.3	-25.0	-35.6	-41.1
THAW DEGREE DAYS (C)	0.	0.	0.	0.	3.	24.	190.	243.	77.	1.	0.	0.	538.
FREEZE DEGREE DAYS (C)	552.	809.	837.	549.	214.	17.	2.	0.	1.	226.	375.	757.	4378.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

BARROW, 1941-70 Normal: NWS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-22.2	-24.8	-22.6	-14.2	-4.3	2.8	6.8	5.6	0.8	-6.6	-14.8	-21.3	-9.6
AVERAGE MIN	-29.6	-31.5	-29.9	-22.3	-10.0	-1.7	0.6	0.6	-2.7	-12.0	-21.3	-27.8	-15.6
AVERAGE	-25.9	-28.1	-26.2	-18.2	-7.2	0.6	3.7	3.1	-0.9	-9.3	-18.1	-24.6	-12.6
STANDARD DEVIATION	.7	3.4	4.0	5.1	4.1	2.8	3.2	2.6	2.5	3.8	4.1	3.4	3.6
ABSOLUTE MAX	-23.7	-23.9	-18.9	-9.4	-0.6	5.6	7.2	7.2	3.3	-2.8	-10.6	-18.9	7.2
ABSOLUTE MIN	-30.6	-31.7	-31.7	-27.2	-16.1	-4.4	0.0	0.0	-6.7	-16.7	-25.0	-28.9	-31.7
THAW DEGREE DAYS (C)	0.	0.	0.	0.	0.	29.	115.	96.	11.	0.	0.	0.	251.
FREEZE DEGREE DAYS (C)	803.	787.	813.	547.	222.	13.	0.	0.	39.	288.	542.	762.	4817.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

BARTER ISLAND: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-30.4	-24.5	-18.4	-15.1	-4.0	3.5	6.7	5.3	-0.4	-10.2	-20.8	-25.9	-11.2
AVERAGE MIN	-36.0	-31.7	-25.8	-24.2	-8.0	-0.3	0.8	-0.3	-6.2	-15.5	-27.6	-32.8	-17.5
AVERAGE	-33.2	-28.1	-22.1	-19.7	-6.0	1.6	3.8	2.5	-3.3	-12.9	-24.2	-29.4	-14.2
STANDARD DEVIATION	7.4	9.4	6.1	7.4	3.7	3.3	5.0	4.5	5.3	7.2	6.7	6.9	6.1
ABSOLUTE MAX	-17.2	-7.2	-9.4	0.0	2.2	17.2	20.0	17.8	9.4	0.6	-6.1	-15.0	20.0
ABSOLUTE MIN	-47.8	-43.9	-34.4	-32.8	-13.3	-3.9	-2.2	-3.3	-15.6	-27.8	-35.6	-42.2	-47.8
THAW DEGREE DAYS (C)	0.	0.	0.	0.	1.	53.	117.	82.	14.	0.	0.	0.	267.
FREEZE DEGREE DAYS (C)	1029.	787.	685.	590.	185.	4.	1.	4.	112.	373.	726.	911.	5407.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	0.	0.	2.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-25.5	-27.4	-24.4	-12.2	-4.1	4.0	6.2	7.1	2.9	-7.0	-11.1	-26.8	-9.9
AVERAGE MIN	-32.8	-33.9	-31.4	-20.4	-9.3	-1.8	0.8	1.4	-1.1	-15.1	-19.0	-33.4	-16.3
AVERAGE	-29.1	-30.7	-27.9	-16.3	-6.7	1.1	3.5	4.2	0.9	-11.0	-15.0	-30.1	-13.1
STANDARD DEVIATION	7.5	8.3	5.6	6.8	4.8	4.8	4.7	3.9	2.8	7.5	6.6	6.8	5.8
ABSOLUTE MAX	-12.2	-7.8	-6.7	-0.6	2.8	20.0	21.7	14.4	9.4	0.0	-3.3	-17.8	21.7
ABSOLUTE MIN	-45.0	-43.3	-36.7	-33.3	-15.6	-5.0	-2.8	-2.2	-6.7	-29.4	-31.7	-42.8	-45.0
THAW DEGREE DAYS (C)	0.	0.	0.	0.	0.	51.	111.	131.	33.	0.	0.	0.	326.
FREEZE DEGREE DAYS (C)	904.	889.	865.	489.	209.	17.	3.	0.	7.	342.	651.	934.	5109.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-20.2	-24.0	-28.6	-15.3	-3.5	3.3	5.6	7.8	4.3	-2.3	-16.9	-17.7	-9.0
AVERAGE MIN	-26.6	-30.6	-35.9	-24.9	-8.4	-0.5	0.6	2.6	-0.2	-7.7	-22.9	-25.7	-15.0
AVERAGE	-23.4	-27.3	-32.3	-20.1	-6.0	1.4	3.1	5.2	2.0	-5.0	-19.9	-21.7	-12.0
STANDARD DEVIATION	7.2	8.9	5.3	9.4	4.6	2.5	3.9	3.8	3.5	4.6	6.1	8.9	5.7
ABSOLUTE MAX	-8.3	-12.2	-21.1	-1.1	1.7	8.9	15.6	13.9	12.2	7.2	-9.4	-0.6	15.6
ABSOLUTE MIN	-38.9	-44.4	-41.1	-36.1	-18.3	-2.8	-2.2	-1.1	-7.8	-16.1	-35.0	-36.7	-44.4
THAW DEGREE DAYS (C)	0.	0.	0.	0.	0.	42.	96.	162.	69.	5.	0.	0.	375.
FREEZE DEGREE DAYS (C)	725.	764.	1001.	603.	185.	1.	1.	0.	8.	159.	597.	674.	4718.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

BARTER ISLAND: NWS (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-16.3	-22.4	-20.5	-13.3	-5.7	2.7	7.5	5.4	4.0	-10.9	-10.0	-19.5	-8.3
AVERAGE MIN	-22.0	-28.1	-27.6	-20.8	-10.5	-1.6	2.2	-0.1	0.3	-15.0	-17.4	-25.1	-13.8
AVERAGE	-19.1	-25.2	-24.1	-17.1	-8.1	0.6	4.8	2.6	2.1	-12.9	-13.7	-22.3	-11.0
STANDARD DEVIATION	5.7	7.7	5.7	9.0	4.2	3.3	4.4	4.5	3.9	6.7	7.5	7.8	5.9
ABSOLUTE MAX	-7.8	-6.7	-13.9	0.0	3.9	10.6	18.9	15.0	12.2	-2.8	0.0	-6.7	18.9
ABSOLUTE MIN	-29.4	-42.2	-37.2	-35.6	-15.6	-5.0	0.0	-4.4	-7.2	-27.2	-28.3	-37.2	-42.2
THAW DEGREE DAYS (C)	0.	0.	0.	0.	0.	36.	150.	90.	80.	0.	0.	0.	356.
FREEZE DEGREE DAYS (C)	594.	706.	746.	512.	252.	18.	0.	9.	16.	401.	411.	690.	4354.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-19.0	-25.7	-25.4	-13.1	-2.1	3.3	9.0	9.1	2.9	-4.2	-8.0	-22.6	-7.6
AVERAGE MIN	-28.5	-32.7	-31.0	-20.5	-6.1	-1.2	2.8	2.9	-0.3	-7.5	-14.6	-28.8	-13.1
AVERAGE	-17.8	-29.2	-28.2	-16.8	-4.1	1.1	5.9	6.0	1.3	-5.8	-11.3	-25.7	-10.4
STANDARD DEVIATION	6.4	6.7	8.6	10.5	3.7	3.8	4.6	4.2	2.7	3.8	7.1	7.9	5.8
ABSOLUTE MAX	-6.1	-13.3	-12.8	2.8	3.3	20.0	20.0	15.0	8.9	0.0	1.1	-7.8	20.0
ABSOLUTE MIN	-32.9	-41.7	-43.9	-35.6	-11.7	-4.4	1.1	-2.2	-5.6	-14.4	-27.8	-38.9	-43.9
THAW DEGREE DAYS (C)	0.	0.	0.	0.	2.	42.	182.	185.	46.	0.	0.	0.	457.
FREEZE DEGREE DAYS (C)	550.	817.	873.	504.	129.	10.	0.	0.	8.	181.	339.	797.	4209.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

BARTER ISLAND, 1948-77 Mean: NWS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-22.5	-25.1	-22.0	-13.2	-3.1	3.4	7.5	6.4	1.7	-5.8	-14.3	-21.3	-9.0
AVERAGE MIN	-29.9	-32.1	-29.9	-22.3	-9.1	-1.2	1.4	1.3	-2.2	-11.6	-21.1	-27.9	-15.4
AVERAGE	-26.2	-28.6	-25.9	-17.7	-6.1	1.1	4.4	3.8	-0.3	-8.7	-17.7	-24.6	-12.2
STANDARD DEVIATION	3.8	3.5	4.3	5.5	4.3	2.7	3.1	2.7	2.7	4.0	4.2	3.5	3.7
ABSOLUTE MAX	-21.7	-23.9	-18.3	-8.3	0.6	6.1	8.3	7.8	4.4	-1.7	-10.0	-19.9	8.3
ABSOLUTE MIN	-31.1	-32.2	-31.7	-27.2	-15.6	-3.9	0.6	0.6	-6.1	-16.7	-25.0	-29.4	-32.2
THAW DEGREE DAYS (C)	0.	0.	0.	0.	0.	40.	138.	119.	20.	0.	0.	0.	317.
FREEZE DEGREE DAYS (C)	813.	800.	804.	532.	188.	6.	0.	0.	28.	269.	530.	764.	4734.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

BETTLES: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-25.9	-19.2	-5.9	-1.4	12.9	19.2	23.2	17.6	7.3	-4.1	-19.1	-24.2	-1.7
AVERAGE MIN	-33.7	-26.1	-20.1	-14.1	1.8	9.5	10.5	6.8	-0.1	-11.5	-27.7	-32.0	-11.4
AVERAGE	-29.8	-21.2	-14.5	-7.8	7.3	14.4	16.9	12.2	3.6	-7.8	-23.4	-28.1	-6.5
STANDARD DEVIATION	15.4	9.3	6.9	9.7	7.2	5.4	7.7	6.6	5.4	9.5	7.6	12.1	8.7
ABSOLUTE MAX	-5.6	-2.2	1.1	8.9	19.4	23.9	30.6	26.1	16.1	7.8	-4.4	-3.9	30.6
ABSOLUTE MIN	-56.7	-38.9	-37.2	-27.8	-10.0	4.4	0.0	0.0	-10.6	-35.6	-36.7	-48.3	-56.7
THAW DEGREE DAYS (C)	0.	0.	0.	11.	231.	431.	522.	377.	120.	10.	0.	0.	1703.
FREEZE DEGREE DAYS (C)	924.	592.	450.	244.	4.	0.	0.	0.	12.	252.	702.	871.	4052.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-22.0	-23.2	-3.8	2.6	11.4	18.8	20.2	20.8	11.1	-4.1	-7.1	-18.8	-0.0
AVERAGE MIN	-28.8	-34.8	-20.9	-9.1	1.7	8.7	9.1	8.5	2.6	-10.3	-14.9	-27.0	-9.6
AVERAGE	-25.4	-29.0	-15.4	-3.3	6.5	13.8	14.7	14.7	6.8	-7.2	-10.9	-22.9	-4.8
STANDARD DEVIATION	9.1	12.3	7.8	8.7	5.4	6.2	7.2	7.0	5.2	7.3	8.2	6.9	7.6
ABSOLUTE MAX	-3.3	-3.5	-3.3	13.3	19.4	25.6	28.9	27.8	17.2	5.6	7.2	-12.2	28.9
ABSOLUTE MIN	-43.9	-50.6	-36.7	-23.9	-2.2	1.7	0.6	3.9	-4.4	-24.4	-28.9	-41.7	-50.6
THAW DEGREE DAYS (C)	0.	0.	0.	29.	202.	413.	454.	454.	205.	3.	3.	0.	1764.
FREEZE DEGREE DAYS (C)	788.	840.	476.	126.	0.	0.	0.	0.	0.	227.	331.	710.	3498.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-10.8	-10.8	-14.7	-3.0	10.8	19.8	23.8	21.5	10.0	-2.2	-18.3	-23.0	0.3
AVERAGE MIN	-19.0	-19.4	-27.0	-16.4	1.8	9.2	11.3	10.6	1.9	-8.8	-26.6	-28.8	-9.3
AVERAGE	-14.9	-15.1	-20.9	-9.7	6.3	14.5	17.6	16.0	6.0	-5.5	-22.5	-25.9	-4.5
STANDARD DEVIATION	8.1	8.7	5.0	10.6	6.0	5.9	7.2	7.1	5.7	6.8	6.9	15.3	8.1
ABSOLUTE MAX	-1.7	4.4	-2.2	8.3	20.0	23.9	32.2	30.6	18.3	7.2	-8.3	-0.6	32.2
ABSOLUTE MIN	-34.4	-37.8	-37.8	-31.1	-6.7	4.4	4.4	0.0	-5.0	-24.4	-37.8	-45.6	-45.6
THAW DEGREE DAYS (C)	0.	0.	0.	12.	197.	434.	545.	497.	181.	9.	0.	0.	1876.
FREEZE DEGREE DAYS (C)	461.	422.	647.	303.	2.	0.	0.	0.	2.	179.	674.	803.	3493.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

BETTLES: NWS (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-12.9	-13.7	-7.6	2.4	13.0	16.7	23.2	20.4	12.4	-5.4	-9.2	-14.9	2.0
AVERAGE MIN	-20.3	-23.8	-20.3	-8.9	1.6	7.0	10.6	6.7	2.7	-12.7	-17.1	-25.3	-8.5
AVERAGE	-16.6	-18.8	-13.9	-3.2	7.3	11.8	16.9	13.6	7.6	-9.1	-13.1	-20.1	-3.1
STANDARD DEVIATION	7.3	10.7	7.6	9.4	6.4	5.6	6.8	7.4	7.4	6.0	8.4	11.2	7.9
ABSOLUTE MAX	-2.2	-0.6	-1.7	11.1	20.6	23.9	28.3	25.6	23.9	3.3	1.1	-1.1	28.3
ABSOLUTE MIN	-30.6	-42.8	-29.4	-26.7	-2.2	3.3	4.4	1.1	-7.2	-19.4	-32.2	-46.7	-46.7
THAW DEGREE DAYS (C)	0.	0.	0.	34.	226.	355.	524.	421.	231.	1.	0.	0.	1794.
FREEZE DEGREE DAYS (C)	514.	525.	432.	131.	0.	0.	0.	0.	5.	282.	394.	624.	2907.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-16.6	-25.7	-9.1	-0.1	15.2	18.4	20.6	19.5	10.8	0.0	-5.0	-25.3	0.2
AVERAGE MIN	-24.8	-38.7	-21.5	-11.2	2.6	8.0	9.1	9.1	1.4	-5.0	-11.4	-34.7	-9.8
AVERAGE	-20.7	-32.2	-15.3	-5.6	8.9	13.2	14.9	14.3	6.1	-2.5	-8.2	-30.0	-4.8
STANDARD DEVIATION	8.2	10.2	8.8	9.6	6.7	6.5	7.1	6.1	6.5	5.5	6.4	11.6	7.8
ABSOLUTE MAX	-7.8	-7.8	1.7	11.7	21.1	25.0	27.8	26.1	18.9	10.0	2.8	-3.9	27.8
ABSOLUTE MIN	-41.7	-50.0	-30.0	-26.7	-1.7	2.8	4.4	5.0	-7.8	-13.3	-25.6	-48.3	-50.0
THAW DEGREE DAYS (C)	0.	0.	0.	25.	275.	396.	461.	443.	186.	32.	1.	0.	1819.
FREEZE DEGREE DAYS (C)	622.	902.	476.	194.	0.	0.	0.	0.	4.	109.	238.	929.	3473.
# DAYS MISSING DATA	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	2.

BETTLES, 1941-70 Normal: NWS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-20.7	-17.2	-10.6	-0.2	10.9	19.6	20.1	16.1	9.0	-3.0	-14.6	-20.2	-0.9
AVERAGE MIN	-29.5	-26.9	-23.3	-12.7	-0.2	7.3	8.6	6.1	-0.2	-10.4	-22.6	-28.9	-11.1
AVERAGE	-25.1	-22.1	-17.0	-6.4	5.4	13.4	14.4	11.1	4.4	-6.7	-18.6	-24.5	-6.0
STANDARD DEVIATION	4.4	5.0	6.8	7.1	6.4	6.3	5.8	5.2	5.3	5.2	4.9	4.5	5.6
ABSOLUTE MAX	-19.4	-15.0	-6.1	5.0	16.1	21.1	21.1	18.3	13.3	3.3	-10.0	-18.3	21.1
ABSOLUTE MIN	-30.0	-28.3	-26.1	-18.9	-6.1	5.0	7.8	3.9	-4.4	-16.7	-26.7	-30.0	-30.0
THAW DEGREE DAYS (C)	0.	0.	0.	0.	167.	403.	445.	343.	133.	0.	0.	0.	1490.
FREEZE DEGREE DAYS (C)	778.	618.	526.	193.	0.	0.	0.	0.	0.	208.	557.	760.	3640.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

CARIBOU CREEK, MAIN: CRREL

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	13.8	5.2	-9.3	-26.2	-40.7	-11.5
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-3.4	-9.4	-19.2	-34.1	-46.7	-22.6
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	N/D	5.2	-2.1	-14.3	-30.2	-43.7	-17.0
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	N/D	9.4	8.6	10.6	8.5	10.8	9.6
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	N/D	22.8	14.4	1.7	-8.9	-8.9	22.8
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-8.9	-19.4	-40.0	-42.8	-53.3	-53.3
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	67.	15.	0.	0.	0.	82.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.	59.	414.	874.	612.	1959.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	N/D	18.	9.	2.	1.	17.	47.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-29.4	-23.9	-4.3	9.1	13.4	21.0	23.4	22.9	14.4	0.1	-4.8	N/D	3.8
AVERAGE MIN	-35.5	-35.2	-20.3	-10.1	-2.1	3.0	4.3	3.2	-2.9	-11.6	-14.9	N/D	-11.1
AVERAGE	-32.4	-29.5	-12.3	-0.5	5.6	12.0	13.8	13.0	5.7	-5.8	-9.9	N/D	-3.6
STANDARD DEVIATION	8.3	12.6	9.3	11.1	8.3	9.9	10.3	10.6	9.4	9.5	9.0	N/D	9.9
ABSOLUTE MAX	-13.9	-2.2	4.4	21.1	18.3	29.4	32.2	30.6	20.0	13.3	11.7	N/D	32.2
ABSOLUTE MIN	-44.4	-48.9	-29.4	-22.8	-6.7	-3.9	-1.7	-4.4	-11.1	-27.8	-27.8	N/D	-48.9
THAW DEGREE DAYS (C)	0.	0.	0.	48.	169.	360.	429.	404.	172.	17.	3.	N/D	1603.
FREEZE DEGREE DAYS (C)	616.	857.	382.	62.	0.	0.	0.	0.	0.	195.	299.	N/D	2411.
# DAYS MISSING DATA	12.	0.	0.	1.	1.	0.	0.	0.	0.	0.	0.	N/D	14.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-8.4	N/D	-6.0	4.8	13.8	19.3	22.5	23.3	9.9	-0.5	-17.7	-8.5	4.8
AVERAGE MIN	-15.7	N/D	-21.9	-10.7	-2.1	2.8	3.0	3.8	-1.8	-12.0	-26.9	-14.6	-8.7
AVERAGE	-12.0	N/D	-13.9	-2.9	5.8	11.1	12.7	13.5	4.1	-6.3	-22.3	-11.6	-2.0
STANDARD DEVIATION	8.0	N/D	9.6	10.3	6.8	5.5	10.4	10.9	7.6	8.1	6.2	4.5	8.5
ABSOLUTE MAX	-0.6	N/D	7.2	15.6	26.1	25.0	31.1	33.3	20.0	13.3	-13.3	-5.0	33.3
ABSOLUTE MIN	-26.7	N/D	-31.1	-23.3	-7.2	-2.8	-3.3	-7.8	-7.8	-22.8	-32.2	-20.0	-32.2
THAW DEGREE DAYS (C)	0.	N/D	0.	24.	181.	321.	395.	406.	128.	9.	0.	0.	1464.
FREEZE DEGREE DAYS (C)	152.	N/D	223.	71.	0.	0.	0.	0.	6.	202.	179.	139.	952.
# DAYS MISSING DATA	20.	N/D	15.	14.	0.	1.	0.	1.	0.	0.	22.	19.	92.

CARIBOU CREEK, MAIN: CRREL (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-12.8	-10.5	0.3	6.2	13.4	15.5	22.6	19.9	11.9	-2.4	N/D	-10.2	4.9
AVERAGE MIN	-19.8	-21.4	-18.7	-10.7	-4.4	0.5	3.0	0.1	-3.3	-13.9	N/D	-19.6	-9.8
AVERAGE	-16.3	-16.0	-9.2	-2.3	4.5	8.0	12.8	10.0	4.3	-8.2	N/D	-14.9	-2.5
STANDARD DEVIATION	7.2	10.5	10.9	10.3	9.5	8.2	10.2	10.7	9.3	7.5	N/D	7.5	9.3
ABSOLUTE MAX	-2.2	5.6	9.4	14.4	20.6	22.2	29.4	26.1	23.9	4.4	N/D	-1.1	29.4
ABSOLUTE MIN	-35.0	-33.3	-26.1	-26.1	-8.3	-3.3	-1.7	-6.7	-12.2	-23.9	N/D	-32.8	-35.0
THAW DEGREE DAYS (C)	0.	0.	0.	20.	140.	209.	397.	310.	139.	0.	N/D	0.	1214.
FREEZE DEGREE DAYS (C)	441.	447.	285.	88.	1.	0.	0.	0.	14.	253.	N/D	357.	1886.
# DAYS MISSING DATA	4.	0.	0.	0.	0.	4.	0.	0.	1.	0.	N/D	7.	16.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-15.1	N/D	-1.3	4.5	16.2	18.3	21.7	17.7	10.9	0.6	-7.9	N/D	6.6
AVERAGE MIN	-22.8	N/D	-16.9	-14.3	-4.2	1.4	4.1	4.6	-5.9	-12.0	-15.8	N/D	-8.2
AVERAGE	-19.0	N/D	-9.1	-4.9	6.0	9.9	12.9	11.2	2.5	-5.7	-11.9	N/D	-0.8
STANDARD DEVIATION	5.7	N/D	9.4	12.6	10.6	9.2	9.4	15.0	9.5	8.5	6.6	N/D	9.6
ABSOLUTE MAX	-8.3	N/D	5.6	21.1	22.8	25.6	27.2	27.8	20.6	14.4	-1.1	N/D	27.8
ABSOLUTE MIN	-28.3	N/D	-26.1	-28.3	-8.9	-3.3	-1.7	-6.1	-13.9	-21.1	-23.9	N/D	-28.3
THAW DEGREE DAYS (C)	0.	N/D	0.	37.	186.	296.	400.	346.	90.	7.	0.	N/D	1362.
FREEZE DEGREE DAYS (C)	323.	N/D	173.	185.	1.	0.	0.	0.	14.	185.	297.	N/D	1177.
# DAYS MISSING DATA	14.	N/D	12.	0.	0.	0.	0.	0.	0.	0.	5.	N/D	31.

CARIBOU PEAK: CRREL

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	28.1	13.9	7.0	-3.8	-17.0	-15.6	2.1
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	17.2	6.1	0.4	-8.4	-22.6	-20.1	-4.6
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	22.6	10.0	3.7	-6.1	-19.8	-17.8	-1.2
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	7.0	6.3	5.3	7.9	5.7	14.6	7.8
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	36.7	25.6	15.6	7.8	-7.8	2.2	36.7
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	10.6	0.0	-10.6	-26.1	-28.9	-38.3	-38.3
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	362.	260.	131.	12.	0.	1.	767.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	20.	202.	575.	555.	1351.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	15.	5.	0.	0.	1.	0.	21.

CARIBOU PEAK: CRREL (cont'd)

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAx (DEGR C)	-11.3	-17.4	-10.1	2.0	7.4	13.9	17.2	N/D	8.4	-3.9	-3.2	-10.4	-0.7
AVERAGE MIN	-17.0	-23.7	-16.0	-5.9	-0.8	4.9	7.8	N/D	0.9	-9.1	-9.2	-16.5	-7.7
AVERAGE	-14.2	-20.5	-13.0	-2.0	3.3	9.4	12.5	N/D	4.7	-6.5	-6.2	-13.4	-4.2
STANDARD DEVIATION	6.1	8.5	5.3	6.2	5.0	5.8	6.3	N/D	4.9	7.2	6.5	8.1	6.3
ABSOLUTE MAX	-2.8	1.1	-1.7	15.6	11.7	21.7	25.6	N/D	13.3	8.3	7.2	2.2	25.6
ABSOLUTE MIN	-27.2	-36.7	-23.3	-16.7	-3.9	1.1	1.7	N/D	-5.6	-21.7	-18.3	-31.1	-36.7
THAW DEGREE DAYS (C)	0.	0.	0.	27.	79.	282.	387.	N/D	142.	11.	9.	0.	937.
FREEZE DEGREE DAYS (C)	411.	596.	404.	86.	3.	0.	0.	N/D	1.	212.	194.	417.	2324.
# DAYS MISSING DATA	2.	0.	0.	0.	8.	0.	0.	N/D	0.	0.	0.	0.	10.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-6.5	N/D	N/D	-6.6	N/D	18.8	19.9	N/D	8.0	-3.8	-12.9	N/D	2.4
AVERAGE MIN	-11.8	N/D	N/D	-14.1	N/D	0.8	9.8	N/D	2.0	-8.7	-17.2	N/D	-5.6
AVERAGE	-9.2	N/D	N/D	-10.3	N/D	9.8	14.8	N/D	5.0	-6.2	-15.0	N/D	-1.6
STANDARD DEVIATION	6.6	N/D	N/D	4.8	N/D	9.8	6.4	N/D	5.5	5.9	6.8	N/D	6.5
ABSOLUTE MAX	1.7	N/D	N/D	-1.7	N/D	24.4	29.4	N/D	18.3	6.7	1.1	N/D	29.4
ABSOLUTE MIN	-25.6	N/D	N/D	-18.9	N/D	-3.9	5.6	N/D	-5.0	-15.6	-25.6	N/D	-25.6
THAW DEGREE DAYS (C)	0.	N/D	N/D	0.	N/D	294.	371.	N/D	155.	6.	0.	N/D	827.
FREEZE DEGREE DAYS (C)	284.	N/D	N/D	124.	N/D	0.	0.	N/D	6.	193.	436.	N/D	1044.
# DAYS MISSING DATA	0.	N/D	N/D	18.	N/D	0.	6.	N/D	0.	1.	1.	N/D	26.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-6.8	-7.4	-5.9	3.6	11.6	13.7	20.9	16.9	8.7	-4.7	-8.1	-11.5	2.6
AVERAGE MIN	-10.1	-12.9	-13.7	-5.6	0.3	4.4	9.6	7.7	1.5	-10.3	-13.0	-15.7	-4.8
AVERAGE	-8.4	-10.1	-9.8	-1.0	6.0	9.1	15.2	12.3	5.1	-7.5	-10.5	-13.6	-1.1
STANDARD DEVIATION	4.2	9.5	7.1	8.0	7.1	6.1	6.5	5.9	6.8	4.8	4.4	5.5	6.3
ABSOLUTE MAX	-1.7	2.8	3.3	12.2	24.4	26.7	27.8	23.9	22.2	3.3	-2.8	-5.0	27.8
ABSOLUTE MIN	-17.8	-30.0	-23.3	-22.8	-7.2	0.6	5.0	3.9	-7.8	-17.2	-19.4	-23.3	-30.0
THAW DEGREE DAYS (C)	0.	0.	0.	52.	193.	272.	472.	382.	169.	1.	0.	0.	1541.
FREEZE DEGREE DAYS (C)	262.	283.	305.	82.	7.	0.	0.	0.	16.	233.	316.	422.	1928.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

CARIBOU PEAK: CRREL (cont'd)

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-9.9	-16.5	-8.8	-0.1	12.3	14.7	N/D	15.4	10.0	0.7	-4.3	-15.8	-0.2
AVERAGE MIN	-13.6	-20.7	-15.6	-8.5	3.2	6.7	N/D	7.3	2.6	-3.7	-9.1	-19.3	-6.4
AVERAGE	-11.8	-18.6	-12.2	-4.3	7.8	10.7	N/D	11.3	6.3	-1.5	-6.7	-17.5	-3.3
STANDARD DEVIATION	4.8	4.5	6.5	7.5	6.1	5.3	N/D	5.9	5.3	6.1	4.4	5.1	5.6
ABSOLUTE MAX	-2.8	-6.1	0.6	13.9	18.3	21.7	N/D	23.9	18.3	11.7	2.2	-4.4	23.9
ABSOLUTE MIN	-22.2	-25.0	-24.4	-19.4	-9.4	1.7	N/D	2.8	-3.9	-11.7	-14.4	-23.3	-25.0
THAW DEGREE DAYS (C)	0.	0.	0.	23.	248.	257.	N/D	192.	191.	56.	1.	0.	968.
FREEZE DEGREE DAYS (C)	364.	522.	328.	152.	7.	0.	N/D	0.	2.	103.	202.	544.	2224.
# DAYS MISSING DATA	0.	0.	4.	0.	0.	6.	N/D	14.	0.	0.	0.	0.	24.

CHANDALAR LAKE: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	16.8	21.6	16.3	6.8	-3.7	-17.6	-24.0	2.3
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	3.5	5.8	0.9	-4.2	-13.5	-29.0	-35.3	-10.3
AVERAGE	N/D	N/D	N/D	N/D	N/D	10.1	13.7	8.6	1.3	-8.6	-23.3	-29.6	-4.0
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	7.1	9.0	8.8	7.0	9.0	9.8	11.3	8.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	21.7	27.8	24.4	13.9	7.8	-5.0	-6.1	27.8
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-1.7	-3.3	-7.8	-18.9	-30.0	-43.3	-44.4	-44.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	304.	424.	267.	72.	9.	0.	0.	1076.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	33.	275.	699.	919.	1926.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	0.	0.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-20.5	-24.1	-10.7	1.4	9.2	18.1	19.9	19.7	9.5	-4.2	-6.4	-18.0	-0.5
AVERAGE MIN	-31.6	-37.0	-29.5	-15.8	-1.6	3.4	4.1	2.2	-1.4	-15.9	-20.1	-31.4	-14.5
AVERAGE	-26.1	-30.5	-19.6	-7.2	3.8	10.8	12.0	10.9	4.0	-10.0	-13.3	-24.7	-7.5
STANDARD DEVIATION	10.6	12.5	10.5	10.6	6.1	7.9	8.7	9.3	6.1	9.0	9.6	10.7	9.3
ABSOLUTE MAX	-5.0	-4.4	-2.8	9.4	15.0	22.8	27.2	25.6	13.9	15.0	5.6	-3.9	27.2
ABSOLUTE MIN	-43.9	-50.0	-39.4	-30.6	-6.7	-3.9	-3.3	-3.3	-8.3	-31.1	-35.6	-47.2	-50.0
THAW DEGREE DAYS (C)	0.	0.	0.	9.	119.	323.	372.	338.	123.	5.	0.	0.	1286.
FREEZE DEGREE DAYS (C)	808.	886.	607.	221.	1.	0.	0.	0.	1.	316.	398.	765.	4003.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

CHANDALAR LAKE: NWS (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-13.5	-11.5	-14.3	-3.6	8.7	17.8	21.4	21.7	9.1	-2.8	-18.6	-24.0	-0.8
AVERAGE MIN	-25.5	-24.8	-32.5	-23.2	-4.1	2.8	4.1	2.8	-2.2	-13.8	-29.5	-33.5	-15.0
AVERAGE	-19.5	-18.2	-23.4	-13.4	2.3	10.3	12.7	12.2	3.4	-8.3	-24.0	-28.7	-7.9
STANDARD DEVIATION	3.7	11.6	11.4	12.0	7.9	7.9	9.3	10.5	7.2	8.1	8.6	11.8	9.7
ABSOLUTE MAX	-3.9	3.3	-6.7	5.6	16.7	21.7	29.4	28.3	18.3	5.0	-7.2	-2.8	29.4
ABSOLUTE MIN	-45.6	-46.7	-45.6	-37.2	-13.3	-2.2	0.0	-8.3	-11.1	-28.3	-40.6	-45.0	-46.7
THAW DEGREE DAYS (C)	0.	0.	0.	0.	90.	309.	395.	379.	112.	1.	0.	0.	1286.
FREEZE DEGREE DAYS (C)	605.	508.	726.	401.	20.	0.	0.	0.	9.	258.	721.	891.	4138.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-13.1	-15.9	-8.8	-0.2	9.5	15.5	21.3	19.2	11.4	-6.7	-11.6	-16.9	0.4
AVERAGE MIN	-26.2	-28.8	-25.8	-18.2	-4.8	2.2	5.1	0.0	-3.9	-18.6	-24.2	-30.7	-14.5
AVERAGE	-19.6	-22.3	-17.3	-9.2	2.4	9.0	13.2	9.6	3.7	-12.7	-17.9	-23.8	-7.1
STANDARD DEVIATION	9.9	10.4	10.2	12.3	8.1	7.4	8.8	10.2	9.5	8.3	9.6	12.1	9.7
ABSOLUTE MAX	-1.1	-5.0	-2.2	7.2	25.0	23.3	25.6	24.4	21.7	0.6	-1.1	-3.3	25.6
ABSOLUTE MIN	-37.2	-43.3	-37.2	-36.7	-12.2	-2.8	-1.7	-10.0	-16.7	-32.2	-36.1	-46.1	-46.1
THAW DEGREE DAYS (C)	0.	0.	0.	1.	81.	271.	409.	299.	132.	0.	0.	0.	1193.
FREEZE DEGREE DAYS (C)	609.	625.	536.	278.	8.	0.	0.	0.	19.	392.	537.	738.	3742.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-16.3	-26.8	-5.4	5.7	13.5	17.7	20.4	21.5	9.1	-0.5	-7.9	N/D	2.8
AVERAGE MIN	-28.8	-41.4	-16.8	-7.0	-3.5	0.9	7.3	10.0	-6.4	-9.8	-22.1	N/D	-10.7
AVERAGE	-22.5	-34.1	-11.1	-0.6	5.0	9.3	13.9	15.8	1.4	-5.1	-15.0	N/D	-3.9
STANDARD DEVIATION	10.3	9.9	8.9	9.2	8.9	9.2	7.3	6.8	9.2	6.5	9.7	N/D	8.7
ABSOLUTE MAX	-2.8	-10.0	5.0	22.8	18.3	22.2	25.0	27.2	16.7	7.2	1.7	N/D	27.2
ABSOLUTE MIN	-43.9	-49.4	-32.2	-21.1	-8.9	-5.0	2.2	5.6	-21.7	-19.4	-33.9	N/D	-49.4
THAW DEGREE DAYS (C)	0.	0.	0.	69.	156.	279.	249.	488.	76.	6.	0.	N/D	1323.
FREEZE DEGREE DAYS (C)	699.	955.	344.	87.	0.	0.	0.	0.	35.	165.	450.	N/D	2735.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	13.	0.	0.	0.	0.	N/D	13.

CHANDALAR SHELF CAMP: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	5.5	12.4	15.1	14.9	5.1	-4.5	N/D	N/D	8.1
AVERAGE MIN	N/D	N/D	N/D	N/D	-0.3	4.8	6.9	6.7	0.9	-10.1	N/D	N/D	1.5
AVERAGE	N/D	N/D	N/D	N/D	2.6	8.6	11.0	10.8	3.0	-7.3	N/D	N/D	4.8
STANDARD DEVIATION	N/D	N/D	N/D	N/D	4.0	4.7	5.7	5.2	3.4	4.4	N/D	N/D	4.6
ABSOLUTE MAX	N/D	N/D	N/D	N/D	9.0	19.0	24.0	23.0	12.0	0.0	N/D	N/D	24.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-3.0	1.0	1.0	1.5	-3.0	-17.5	N/D	N/D	-17.5
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	17.	259.	341.	335.	80.	0.	N/D	N/D	1030.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	1.	0.	0.	0.	2.	168.	N/D	N/D	171.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	25.	0.	0.	0.	4.	8.	N/D	N/D	37.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	7.0	13.4	17.5	17.4	4.3	-6.9	-16.5	N/D	5.2
AVERAGE MIN	N/D	N/D	N/D	N/D	-0.1	6.3	8.1	9.3	-0.8	-11.5	-21.2	N/D	-1.4
AVERAGE	N/D	N/D	N/D	N/D	3.5	9.8	12.8	13.3	1.7	-9.2	-18.9	N/D	1.9
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.1	4.5	6.2	6.1	4.9	4.5	6.0	N/D	5.3
ABSOLUTE MAX	N/D	N/D	N/D	N/D	14.0	18.0	26.0	26.0	13.0	0.0	-2.0	N/D	26.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-10.0	3.0	1.0	0.5	-8.0	-19.0	-29.5	N/D	-29.5
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	113.	296.	398.	414.	83.	0.	0.	N/D	1302.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	6.	0.	0.	0.	32.	275.	566.	N/D	878.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	1.	0.	N/D	1.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	-13.0	-15.3	-5.0	4.8	10.9	17.2	14.8	4.9	-9.8	N/D	N/D	1.1
AVERAGE MIN	N/D	-16.0	-20.6	-11.6	-3.7	4.3	9.3	6.7	-1.5	-12.5	N/D	N/D	-5.0
AVERAGE	N/D	-14.5	-18.0	-8.3	0.5	7.6	13.2	10.7	1.7	-11.0	N/D	N/D	-2.0
STANDARD DEVIATION	N/D	1.7	4.6	5.5	5.6	4.2	4.7	4.8	6.3	1.3	N/D	N/D	4.3
ABSOLUTE MAX	N/D	-12.0	-10.0	3.0	14.0	16.0	22.0	19.5	16.0	-9.5	N/D	N/D	22.0
ABSOLUTE MIN	N/D	-16.0	-28.0	-19.0	-11.0	-1.0	6.0	-0.5	-12.0	-12.5	N/D	N/D	-28.0
THAW DEGREE DAYS (C)	N/D	0.	0.	0.	48.	221.	411.	333.	95.	0.	N/D	N/D	1108.
FREEZE DEGREE DAYS (C)	N/D	29.	413.	249.	33.	0.	0.	0.	43.	22.	N/D	N/D	789.
# DAYS MISSING DATA	N/D	26.	8.	0.	3.	1.	0.	0.	0.	29.	N/D	N/D	67.

CHANDALAR SHELF CAMP: CRREL (cont'd)

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	7.5	11.0	17.1	15.5	N/D	N/D	N/D	N/D	12.8
AVERAGE MIN	N/D	N/D	N/D	N/D	-0.9	3.5	8.7	8.0	N/D	N/D	N/D	N/D	4.8
AVERAGE	N/D	N/D	N/D	N/D	3.3	7.2	12.9	11.7	N/D	N/D	N/D	N/D	8.8
STANDARD DEVIATION	N/D	N/D	N/D	N/D	4.9	5.1	5.4	4.4	N/D	N/D	N/D	N/D	4.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	14.0	18.0	23.0	19.0	N/D	N/D	N/D	N/D	23.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-6.0	-1.0	5.0	3.0	N/D	N/D	N/D	N/D	-6.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	103.	152.	400.	282.	N/D	N/D	N/D	N/D	936.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	N/D	N/D	N/D	N/D	0.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	9.	0.	7.	N/D	N/D	N/D	N/D	16.

CHANDALAR SHELF CAMP: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	14.7	17.9	13.3	2.5	-6.4	-16.4	-18.9	0.9
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	3.9	6.5	2.2	-6.5	-15.4	-24.0	-26.3	-8.5
AVERAGE	N/D	N/D	N/D	N/D	N/D	9.3	12.2	7.7	-2.0	-10.9	-20.2	-22.6	-3.8
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	5.6	7.4	6.9	6.5	7.8	5.3	7.8	6.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	17.8	26.1	21.7	10.6	2.2	-8.3	-7.2	26.1
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	1.7	-5.0	-5.0	-17.2	-27.8	-30.6	-34.4	-34.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	279.	377.	241.	26.	0.	0.	0.	923.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	1.	86.	339.	606.	701.	1733.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	0.	0.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-16.3	-17.9	-13.6	-1.6	5.7	14.3	16.5	16.4	6.6	-7.5	-7.7	-15.7	-1.7
AVERAGE MIN	-25.7	-26.9	-23.5	-14.9	-5.6	1.4	3.8	3.1	-1.3	-16.1	-15.8	-23.8	-12.1
AVERAGE	-21.0	-22.4	-18.5	-8.3	0.1	7.8	10.2	9.7	2.7	-11.8	-11.8	-19.7	-6.9
STANDARD DEVIATION	6.4	7.3	6.1	8.3	6.4	7.0	7.6	7.6	4.9	7.0	6.8	6.3	6.8
ABSOLUTE MAX	-7.8	-3.3	-8.3	7.2	11.7	20.0	25.0	23.9	12.2	-1.1	2.8	-6.1	25.0
ABSOLUTE MIN	-37.8	-36.7	-33.3	-27.2	-13.3	-2.8	-3.9	-3.9	-10.6	-28.9	-27.2	-33.3	-37.8
THAW DEGREE DAYS (C)	0.	0.	0.	1.	36.	235.	315.	302.	90.	0.	0.	0.	978.
FREEZE DEGREE DAYS (C)	652.	648.	574.	249.	34.	0.	0.	0.	10.	366.	353.	612.	3499.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

CHANDALAR SHELF CAMP: NWS (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-10.6	-10.3	-15.0	-6.0	6.4	14.1	17.9	18.1	5.7	-6.9	-14.2	-15.8	-1.4
AVERAGE MIN	-18.5	-18.5	-25.8	-17.4	-3.4	4.5	5.4	7.0	-1.9	-13.6	-22.0	-23.2	-10.6
AVERAGE	-14.5	-14.4	-20.4	-11.7	1.5	9.3	11.7	12.5	1.9	-10.3	-18.1	-19.5	-6.0
STANDARD DEVIATION	6.6	7.9	7.0	7.6	6.5	5.5	7.3	7.5	6.0	5.6	7.1	8.3	6.9
ABSOLUTE MAX	-3.3	-0.6	-7.6	3.3	14.4	18.3	25.6	25.6	13.9	0.6	3.9	-4.4	25.6
ABSOLUTE MIN	-31.7	-33.3	-35.3	-24.4	-15.6	1.7	-1.1	-3.3	-11.7	-23.3	-30.0	-33.3	-33.3
THAW DEGREE DAYS (C)	0.	0.	0.	0.	74.	279.	362.	389.	92.	0.	0.	0.	1196.
FREEZE DEGREE DAYS (C)	448.	402.	655.	550.	28.	0.	0.	0.	36.	318.	543.	604.	3363.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-10.5	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-10.5
AVERAGE MIN	-17.2	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-17.2
AVERAGE	-13.9	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-13.9
STANDARD DEVIATION	4.9	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	4.9
ABSOLUTE MAX	-5.0	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.0
ABSOLUTE MIN	-23.9	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-23.9
THAW DEGREE DAYS (C)	0.	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.
FREEZE DEGREE DAYS (C)	431.	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	431.
# DAYS MISSING DATA	0.	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.

CHENA DAM: CRREL

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.5	-19.1	-23.0	-13.9
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-8.5	-29.1	-30.7	-22.7
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-4.0	-24.1	-26.9	-18.3
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	7.5	7.4	12.3	9.1
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	13.3	-8.3	-7.2	13.3
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-17.8	-38.3	-46.7	-46.7
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	21.	0.	0.	21.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	136.	651.	806.	1593.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	2.	3.	1.	6.

CHENA DAM: CRREL (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-10.5	0.5	-2.2	5.7	16.4	18.7	24.9	22.5	13.9	-0.0	-8.7	N/D	7.4
AVERAGE MIN	-22.1	-18.2	-18.4	-8.3	1.2	5.9	9.0	6.8	2.0	-8.8	-17.1	N/D	-6.2
AVERAGE	-16.3	-8.6	-10.3	-1.3	8.8	12.3	17.0	14.7	8.0	-4.4	-12.9	N/D	0.6
STANDARD DEVIATION	7.4	11.5	9.9	9.0	8.4	7.2	8.7	9.1	7.9	6.9	6.2	N/D	8.4
ABSOLUTE MAX	-2.2	7.2	7.2	14.4	23.3	25.6	32.2	28.3	25.0	7.2	-4.4	N/D	32.2
ABSOLUTE MIN	-35.0	-27.8	-28.3	-23.9	-5.6	0.0	3.9	-2.2	-2.8	-21.1	-26.1	N/D	-35.0
THAW DEGREE DAYS (C)	0.	3.	0.	37.	272.	368.	526.	455.	231.	18.	0.	N/D	1911.
FREEZE DEGREE DAYS (C)	440.	132.	319.	76.	0.	0.	0.	0.	0.	154.	129.	N/D	1250.
# DAYS MISSING DATA	4.	13.	0.	0.	0.	0.	0.	0.	1.	0.	20.	N/D	38.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	-5.3	5.6	18.4	20.2	22.8	22.4	14.5	5.6	-1.7	-18.7	8.4
AVERAGE MIN	N/D	N/D	-17.5	-8.9	0.5	6.9	7.9	6.8	-0.4	-6.4	-10.4	-27.6	-4.9
AVERAGE	N/D	N/D	-11.4	-1.6	9.5	13.5	15.3	14.6	7.1	-0.4	-6.0	-23.2	1.7
STANDARD DEVIATION	N/D	N/D	8.8	10.7	9.4	7.6	8.2	8.8	8.6	8.6	7.3	9.0	8.7
ABSOLUTE MAX	N/D	N/D	6.1	24.4	23.9	26.7	29.4	29.4	23.3	18.9	5.0	-2.2	29.4
ABSOLUTE MIN	N/D	N/D	-26.7	-26.1	-2.8	0.6	5.0	1.1	-7.8	-18.9	-21.7	-40.6	-40.6
THAW DEGREE DAYS (C)	N/D	N/D	0.	69.	294.	406.	476.	452.	213.	66.	7.	0.	1983.
FREEZE DEGREE DAYS (C)	N/D	N/D	352.	116.	0.	0.	0.	0.	1.	79.	169.	533.	1251.
# DAYS MISSING DATA	N/D	N/D	0.	0.	0.	0.	0.	0.	0.	1.	3.	8.	12.

CHENA DAM GROUND SURFACE, GRASS: CRREL

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-0.2	-2.2	-6.6	-3.0
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-0.6	-2.8	-7.4	-3.6
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-0.4	-2.5	-7.0	-3.3
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.5	1.5	1.4	1.1
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.6	0.0	-4.4	0.6
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-2.2	-7.2	-10.6	-10.6
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	10.	69.	153.	233.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	8.	2.	9.	19.

ENA DAM GROUND SURFACE, GRASS: CRREL (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	-7.3	-6.2	N/D	5.3	9.3	N/D	N/D	N/D	N/D	N/D	N/D	0.3
AVERAGE MIN	N/D	-7.8	-7.1	N/D	-0.8	4.0	N/D	N/D	N/D	N/D	N/D	N/D	-2.9
AVERAGE	N/D	-7.5	-6.7	N/D	2.3	6.7	N/D	N/D	N/D	N/D	N/D	N/D	-1.3
STANDARD DEVIATION	N/D	1.4	0.8	N/D	3.2	3.0	N/D	N/D	N/D	N/D	N/D	N/D	2.1
ABSOLUTE MAX	N/D	-5.0	-5.0	N/D	8.9	11.7	N/D	N/D	N/D	N/D	N/D	N/D	11.7
ABSOLUTE MIN	N/D	-10.6	-7.8	N/D	-2.2	1.7	N/D	N/D	N/D	N/D	N/D	N/D	-10.6
THAW DEGREE DAYS (C)	N/D	0.	0.	N/D	70.	194.	N/D	N/D	N/D	N/D	N/D	N/D	264.
FREEZE DEGREE DAYS (C)	N/D	188.	207.	N/D	0.	0.	N/D	N/D	N/D	N/D	N/D	N/D	395.
# DAYS MISSING DATA	N/D	3.	0.	N/D	0.	1.	N/D	N/D	N/D	N/D	N/D	N/D	4.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	17.5	17.8	17.6	10.0	N/D	N/D	N/D	15.7
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	4.8	8.5	7.8	3.5	N/D	N/D	N/D	6.2
AVERAGE	N/D	N/D	N/D	N/D	N/D	11.2	13.2	12.7	6.7	N/D	N/D	N/D	10.9
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	7.4	5.1	5.4	4.0	N/D	N/D	N/D	5.5
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	26.7	21.7	21.1	14.4	N/D	N/D	N/D	26.7
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	0.6	4.4	4.4	2.2	N/D	N/D	N/D	0.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	301.	409.	394.	201.	N/D	N/D	N/D	1305.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	N/D	N/D	N/D	0.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	3.	0.	0.	0.	N/D	N/D	N/D	

COLDFOOT CAMP: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	9.8	16.8	18.2	18.9	9.5	-1.3	N/D	N/D	12.0
AVERAGE MIN	N/D	N/D	N/D	N/D	2.6	6.9	7.7	6.5	1.8	-6.5	N/D	N/D	3.2
AVERAGE	N/D	N/D	N/D	N/D	6.2	11.9	13.0	12.7	5.7	-3.9	N/D	N/D	7.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	4.0	5.8	6.5	6.9	4.7	5.1	N/D	N/D	5.5
ABSOLUTE MAX	N/D	N/D	N/D	N/D	13.0	23.0	26.0	26.0	15.5	5.0	N/D	N/D	26.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	0.0	1.5	0.5	2.0	-4.0	-18.5	N/D	N/D	-18.5
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	31.	357.	403.	393.	170.	3.	N/D	N/D	1356.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	92.	N/D	N/D	92.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	26.	0.	0.	0.	0.	8.	N/D	N/D	34.

COLDFOOT CAMP: CRREL (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	8.6	18.3	24.9	23.3	10.2	-2.1	N/D	N/D	13.9
AVERAGE MIN	N/D	N/D	N/D	N/D	1.1	8.2	12.7	13.0	4.0	-7.0	N/D	N/D	5.3
AVERAGE	N/D	N/D	N/D	N/D	4.8	13.2	18.8	18.1	7.1	-4.6	N/D	N/D	9.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.1	5.2	7.3	6.8	5.1	5.8	N/D	N/D	6.0
ABSOLUTE MAX	N/D	N/D	N/D	N/D	17.5	22.0	33.0	32.0	18.0	6.0	N/D	N/D	33.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-2.5	2.0	6.0	2.0	-3.0	-20.0	N/D	N/D	-20.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	151.	398.	583.	562.	213.	10.	N/D	N/D	1916.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	1.	0.	0.	0.	0.	152.	N/D	N/D	153.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	N/D	N/D	0.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	-10.0	1.3	10.6	14.8	21.1	19.1	11.2	-6.2	N/D	N/D	7.7
AVERAGE MIN	N/D	N/D	-18.3	-6.5	-0.4	5.5	9.7	6.5	1.7	-12.9	N/D	N/D	-1.8
AVERAGE	N/D	N/D	-14.2	-2.6	5.1	10.1	15.4	12.8	6.4	-9.6	N/D	N/D	2.9
STANDARD DEVIATION	N/D	N/D	4.8	8.0	6.0	5.5	6.3	7.0	7.2	5.6	N/D	N/D	6.3
ABSOLUTE MAX	N/D	N/D	-6.0	11.0	18.0	24.0	26.0	23.0	23.5	1.5	N/D	N/D	26.0
ABSOLUTE MIN	N/D	N/D	-20.0	-20.0	-3.5	2.0	5.0	1.0	-11.5	-21.0	N/D	N/D	-21.0
THAW DEGREE DAYS (C)	N/D	N/D	0.	37.	158.	304.	478.	397.	200.	0.	N/D	N/D	1574.
FREEZE DEGREE DAYS (C)	N/D	N/D	43.	115.	0.	0.	0.	0.	7.	297.	N/D	N/D	461.
# DAYS MISSING DATA	N/D	N/D	28.	0.	0.	0.	0.	0.	0.	0.	N/D	N/D	28.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	12.7	18.9	21.3	19.6	9.0	N/D	N/D	N/D	16.3
AVERAGE MIN	N/D	N/D	N/D	N/D	0.5	7.2	9.7	9.3	0.6	N/D	N/D	N/D	5.5
AVERAGE	N/D	N/D	N/D	N/D	6.6	13.0	15.5	14.5	4.8	N/D	N/D	N/D	10.9
STANDARD DEVIATION	N/D	N/D	N/D	N/D	6.5	6.8	6.9	5.9	6.4	N/D	N/D	N/D	6.5
ABSOLUTE MAX	N/D	N/D	N/D	N/D	19.0	24.0	28.0	24.0	19.0	N/D	N/D	N/D	28.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-3.0	1.0	5.0	5.0	-9.0	N/D	N/D	N/D	-9.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	205.	392.	480.	347.	125.	N/D	N/D	N/D	1548.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	10.	N/D	N/D	N/D	10.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	7.	6.	N/D	N/D	N/D	13.

COLDFOOT CAMP: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	11.2	17.4	21.8	16.0	6.7	-2.2	-17.4	-22.0	3.9
AVERAGE MIN	N/D	N/D	N/D	N/D	0.6	7.4	8.8	4.9	-0.2	-10.0	-26.6	-31.7	-5.9
AVERAGE	N/D	N/D	N/D	N/D	5.9	12.4	15.3	10.5	3.2	-6.1	-22.0	-26.8	-1.0
STANDARD DEVIATION	N/D	N/D	N/D	N/D	7.0	5.6	7.9	6.9	4.9	8.8	7.7	11.6	7.6
ABSOLUTE MAX	N/D	N/D	N/D	N/D	18.3	21.7	28.9	25.6	13.9	10.0	-4.4	-4.4	28.9
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-9.4	2.2	0.0	-1.7	-9.4	-31.7	-38.9	-46.1	-46.1
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	184.	371.	474.	304.	107.	18.	0.	0.	1457.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	8.	0.	0.	0.	11.	207.	659.	832.	1717.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	1.	0.	0.	2.	0.	0.	0.	0.	3.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-19.3	-21.3	-7.6	3.9	10.7	18.9	20.2	20.8	10.8	-3.8	-5.9	-16.2	0.9
AVERAGE MIN	-29.9	-31.8	-22.3	-10.5	0.3	5.5	6.9	5.5	1.2	-10.8	-14.6	-24.0	-10.4
AVERAGE	-24.6	-26.5	-15.0	-3.3	5.5	12.2	13.5	13.2	6.0	-7.3	-10.3	-20.1	-4.7
STANDARD DEVIATION	9.6	12.9	9.2	9.4	5.9	7.4	8.0	8.3	5.5	7.2	8.4	8.3	8.3
ABSOLUTE MAX	-2.8	-5.6	-3.9	11.1	17.2	24.4	28.9	27.8	16.1	4.4	6.1	-7.8	28.9
ABSOLUTE MIN	-42.8	-50.0	-39.4	-31.7	-3.9	-1.7	1.1	0.0	-5.6	-26.7	-28.3	-36.1	-50.0
THAW DEGREE DAYS (C)	0.	0.	0.	25.	170.	366.	419.	409.	181.	2.	2.	8.	1573.
FREEZE DEGREE DAYS (C)	763.	770.	464.	124.	0.	0.	0.	0.	1.	228.	309.	623.	3282.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-10.4	-8.3	-12.7	-2.1	8.0	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-5.1
AVERAGE MIN	-18.3	-18.2	-27.1	-15.9	-1.6	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-16.2
AVERAGE	-14.4	-13.3	-19.9	-9.0	3.2	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-10.7
STANDARD DEVIATION	7.6	9.5	9.6	9.9	5.5	N/D	N/D	N/D	N/D	N/D	N/D	N/D	8.4
ABSOLUTE MAX	-2.2	3.3	-6.1	5.6	11.1	N/D	N/D	N/D	N/D	N/D	N/D	N/D	11.1
ABSOLUTE MIN	-35.0	-36.1	-42.2	-33.3	-8.3	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-42.2
THAW DEGREE DAYS (C)	0.	0.	0.	4.	51.	N/D	N/D	N/D	N/D	N/D	N/D	N/D	55.
FREEZE DEGREE DAYS (C)	445.	371.	617.	274.	3.	N/D	N/D	N/D	N/D	N/D	N/D	N/D	1711.
# DAYS MISSING DATA	0.	0.	0.	0.	16.	N/D	N/D	N/D	N/D	N/D	N/D	N/D	16.

DEADHORSE: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	6.2	11.0	9.4	1.5	-7.8	-16.3	N/D	0.8
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	0.7	3.5	2.2	-1.8	-13.6	-25.9	N/D	-5.8
AVERAGE	N/D	N/D	N/D	N/D	N/D	3.4	7.3	5.8	0.4	-10.8	-21.1	N/D	-2.5
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	5.0	5.8	5.1	3.6	7.0	8.8	N/D	5.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	20.6	23.3	20.6	15.0	-1.1	-4.4	N/D	23.3
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-2.2	-0.6	-2.2	-6.1	-27.8	-34.4	N/D	-34.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	104.	225.	179.	29.	0.	0.	N/D	538.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	1.	0.	0.	19.	391.	211.	N/D	522.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	4.	20.	N/D	24.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	-4.8	1.0	9.1	11.0	13.6	6.3	-3.8	-15.6	N/D	2.0
AVERAGE MIN	N/D	N/D	N/D	-13.3	-3.3	3.2	4.3	6.1	1.3	-8.3	-23.4	N/D	-4.2
AVERAGE	N/D	N/D	N/D	-9.1	-1.2	5.6	7.6	9.8	3.8	-6.0	-19.5	N/D	-1.1
STANDARD DEVIATION	N/D	N/D	N/D	7.2	4.3	4.6	5.1	5.6	4.9	5.8	5.2	N/D	5.3
ABSOLUTE MAX	N/D	N/D	N/D	5.0	7.8	25.0	25.0	24.4	17.2	10.0	-12.8	N/D	25.0
ABSOLUTE MIN	N/D	N/D	N/D	-21.1	-12.2	-0.6	1.1	-0.6	-8.9	-20.6	-31.1	N/D	-31.1
THAW DEGREE DAYS (C)	N/D	N/D	N/D	2.	29.	169.	237.	305.	122.	15.	0.	N/D	878.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	56.	64.	0.	0.	0.	8.	202.	136.	N/D	468.
# DAYS MISSING DATA	N/D	N/D	N/D	24.	0.	0.	0.	0.	0.	0.	23.	N/D	47.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-6.4	4.0	9.3	N/D	N/D	-12.3	-11.3	N/D	-3.3
AVERAGE MIN	N/D	N/D	N/D	N/D	-11.7	-1.4	1.5	N/D	N/D	-17.1	-19.3	N/D	-9.6
AVERAGE	N/D	N/D	N/D	N/D	-9.0	1.3	5.4	N/D	N/D	-14.7	-15.3	N/D	-6.5
STANDARD DEVIATION	N/D	N/D	N/D	N/D	4.3	4.4	5.6	N/D	N/D	6.1	7.6	N/D	5.6
ABSOLUTE MAX	N/D	N/D	N/D	N/D	2.8	15.0	20.0	N/D	N/D	-3.9	-1.1	N/D	20.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-16.7	-4.4	-2.2	N/D	N/D	-26.7	-28.3	N/D	-28.3
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	52.	168.	N/D	N/D	0.	0.	N/D	220.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	280.	12.	0.	N/D	N/D	456.	458.	N/D	1207.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	N/D	N/D	0.	0.	N/D	0.

DEADHORSE: CRREL (cont'd)

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-1.4	6.5	14.7	12.3	3.4	N/D	N/D	N/D	7.1
AVERAGE MIN	N/D	N/D	N/D	N/D	-6.6	0.2	6.7	5.0	-1.4	N/D	N/D	N/D	0.8
AVERAGE	N/D	N/D	N/D	N/D	-4.0	3.4	10.7	8.7	1.0	N/D	N/D	N/D	3.9
STANDARD DEVIATION	N/D	N/D	N/D	N/D	4.4	4.4	5.8	5.4	3.8	N/D	N/D	N/D	4.8
ABSOLUTE MAX	N/D	N/D	N/D	N/D	7.8	16.1	26.1	21.1	15.0	N/D	N/D	N/D	26.1
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-12.2	-2.8	2.2	0.0	-3.9	N/D	N/D	N/D	-12.2
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	9.	102.	332.	268.	36.	N/D	N/D	N/D	747.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	133.	1.	0.	0.	14.	N/D	N/D	N/D	147.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	7.	N/D	N/D	N/D	7.

DEADHORSE: NWS

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-15.2	-26.2	-24.6	-12.9	-1.5	N/D	13.5	12.2	3.4	-5.5	-10.0	-26.3	-8.5
AVERAGE MIN	-21.9	-33.7	-31.3	-20.3	-6.3	N/D	5.2	4.7	-0.6	-8.4	-17.2	-32.5	-14.7
AVERAGE	-18.5	-29.9	-28.0	-16.6	-3.9	N/D	9.4	8.5	1.4	-6.9	-13.6	-29.4	-11.6
STANDARD DEVIATION	7.5	7.4	8.4	11.3	4.3	N/D	5.9	5.5	3.3	4.4	8.8	8.0	6.8
ABSOLUTE MAX	-4.4	-13.9	-11.1	6.7	7.8	N/D	25.6	21.1	15.6	0.0	1.7	-8.9	25.6
ABSOLUTE MIN	-41.7	-43.3	-43.3	-35.6	-11.7	N/D	1.1	-0.6	-2.8	-17.2	-34.4	-42.2	-43.3
THAW DEGREE DAYS (C)	0.	0.	0.	0.	11.	N/D	290.	262.	50.	0.	0.	0.	613.
FREEZE DEGREE DAYS (C)	556.	838.	867.	499.	131.	N/D	0.	0.	7.	214.	408.	912.	4433.
# DAYS MISSING DATA	1.	0.	0.	0.	0.	N/D	0.	0.	0.	0.	0.	0.	1.

DEADHORSE GROUND SURFACE, GRAVEL: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-0.6	8.5	15.2	12.7	5.4	N/D	N/D	N/D	8.3
AVERAGE MIN	N/D	N/D	N/D	N/D	-2.9	0.1	3.6	3.1	-0.9	N/D	N/D	N/D	0.6
AVERAGE	N/D	N/D	N/D	N/D	-1.7	4.3	9.4	7.9	2.3	N/D	N/D	N/D	4.4
STANDARD DEVIATION	N/D	N/D	N/D	N/D	1.4	6.8	7.1	6.1	3.6	N/D	N/D	N/D	5.0
ABSOLUTE MAX	N/D	N/D	N/D	N/D	-0.6	24.4	23.3	21.7	8.9	N/D	N/D	N/D	24.4
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-4.4	-2.8	-0.6	-0.6	-5.3	N/D	N/D	N/D	-4.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	134.	291.	245.	30.	N/D	N/D	N/D	700.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	7.	6.	0.	0.	0.	N/D	N/D	N/D	12.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	27.	0.	0.	0.	17.	N/D	N/D	N/D	44.

DEADHORSE GROUND SURFACE, GRAVEL: CRREL (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	-13.0	-5.7	10.6	16.2	15.0	5.2	-2.8	N/D	N/D	3.6
AVERAGE MIN	N/D	N/D	N/D	-14.8	-7.9	2.3	4.1	5.6	0.9	-4.8	N/D	N/D	-2.1
AVERAGE	N/D	N/D	N/D	-13.9	-6.8	6.4	10.1	10.3	3.1	-3.8	N/D	N/D	0.8
STANDARD DEVIATION	N/D	N/D	N/D	2.3	4.3	6.2	7.2	6.4	4.3	2.9	N/D	N/D	4.8
ABSOLUTE MAX	N/D	N/D	N/D	-10.0	5.0	26.0	28.0	28.0	16.0	6.0	N/D	N/D	28.0
ABSOLUTE MIN	N/D	N/D	N/D	-17.0	-16.0	0.0	1.0	0.0	-1.0	-9.0	N/D	N/D	-17.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	0.	2.	187.	314.	320.	93.	6.	N/D	N/D	922.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	54.	214.	0.	0.	0.	0.	124.	N/D	N/D	421.
# DAYS MISSING DATA	N/D	N/D	N/D	24.	0.	1.	0.	0.	0.	0.	N/D	N/D	25.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	8.2	14.1	N/D	N/D	-23.2	-25.2	N/D	-6.5
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	-0.3	3.5	N/D	N/D	-26.3	-26.5	N/D	-12.9
AVERAGE	N/D	N/D	N/D	N/D	N/D	4.0	8.8	N/D	N/D	-24.8	-25.8	N/D	-9.7
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	5.6	7.4	N/D	N/D	4.9	4.7	N/D	5.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	20.0	27.2	N/D	N/D	-18.3	-15.6	N/D	27.2
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-2.2	-1.1	N/D	N/D	-34.4	-33.9	N/D	-34.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	84.	149.	N/D	N/D	0.	0.	N/D	233.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	N/D	N/D	545.	698.	N/D	1242.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	9.	14.	N/D	N/D	9.	4.	N/D	36.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-30.1	-19.1	N/D	-12.8	-22.0	N/D	N/D	N/D	-20.7
AVERAGE MIN	N/D	N/D	N/D	N/D	-31.0	-27.1	N/D	-22.8	-26.6	N/D	N/D	N/D	-26.9
AVERAGE	N/D	N/D	N/D	N/D	-30.5	-22.6	N/D	-17.8	-24.3	N/D	N/D	N/D	-23.8
STANDARD DEVIATION	N/D	N/D	N/D	N/D	2.4	5.6	N/D	6.2	2.6	N/D	N/D	N/D	4.2
ABSOLUTE MAX	N/D	N/D	N/D	N/D	-24.4	-8.3	N/D	-2.8	-20.6	N/D	N/D	N/D	0.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-33.3	-30.6	N/D	-26.7	-27.2	N/D	N/D	N/D	-33.3
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	N/D	0.	0.	N/D	N/D	N/D	0.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	916.	611.	N/D	534.	121.	N/D	N/D	N/D	2182.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	1.	3.	N/D	1.	25.	N/D	N/D	N/D	30.

DIETRICH CAMP, AIRFIELD: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	9.6	15.3	18.0	18.7	10.8	N/D	N/D	N/D	14.5
AVERAGE MIN	N/D	N/D	N/D	N/D	1.9	5.7	6.3	5.7	2.6	N/D	N/D	N/D	4.4
AVERAGE	N/D	N/D	N/D	N/D	5.7	10.5	12.1	12.2	6.7	N/D	N/D	N/D	9.4
STANDARD DEVIATION	N/D	N/D	N/D	N/D	4.1	5.5	7.3	7.3	5.4	N/D	N/D	N/D	5.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	12.0	21.0	28.0	28.0	21.0	N/D	N/D	N/D	28.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	1.0	1.0	0.0	-0.5	-5.0	N/D	N/D	N/D	-5.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	29.	315.	376.	378.	202.	N/D	N/D	N/D	1300.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	2.	N/D	N/D	N/D	2.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	26.	0.	0.	0.	0.	N/D	N/D	N/D	26.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	-1.8	10.0	18.6	22.5	20.5	9.5	-2.7	N/D	N/D	10.9
AVERAGE MIN	N/D	N/D	N/D	-13.6	0.3	7.5	8.3	8.4	0.7	-12.9	N/D	N/D	-0.2
AVERAGE	N/D	N/D	N/D	-7.7	5.1	13.0	15.4	14.5	5.1	-7.8	N/D	N/D	5.4
STANDARD DEVIATION	N/D	N/D	N/D	6.6	6.4	6.2	7.9	8.0	6.2	8.7	N/D	N/D	7.1
ABSOLUTE MAX	N/D	N/D	N/D	0.0	19.4	25.6	31.1	30.0	19.7	7.2	N/D	N/D	31.1
ABSOLUTE MIN	N/D	N/D	N/D	-18.3	-7.8	3.3	5.0	-3.9	-8.3	-31.7	N/D	N/D	-31.7
THAW DEGREE DAYS (C)	N/D	N/D	N/D	0.	161.	391.	477.	448.	156.	5.	N/D	N/D	1638.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	31.	3.	0.	0.	0.	4.	246.	N/D	N/D	283.
# DAYS MISSING DATA	N/D	N/D	N/D	26.	0.	0.	0.	0.	0.	0.	N/D	N/D	26.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	10.5	14.1	22.5	20.3	10.8	-0.8	N/D	N/D	12.9
AVERAGE MIN	N/D	N/D	N/D	N/D	-3.2	4.5	9.1	5.3	-0.4	-8.0	N/D	N/D	1.2
AVERAGE	N/D	N/D	N/D	N/D	3.7	9.3	15.8	12.8	5.2	-4.4	N/D	N/D	7.1
STANDARD DEVIATION	N/D	N/D	N/D	N/D	7.4	5.6	7.3	8.2	8.2	5.5	N/D	N/D	7.0
ABSOLUTE MAX	N/D	N/D	N/D	N/D	19.4	20.6	27.8	25.6	23.9	3.3	N/D	N/D	27.8
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-6.7	0.0	4.4	-2.8	-12.8	-14.4	N/D	N/D	-14.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	113.	261.	491.	396.	169.	0.	N/D	N/D	1438.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	13.	22.	N/D	N/D	35.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	2.	0.	0.	0.	26.	N/D	N/D	28.

DIETRICH CAMP, AIRFIELD: CRREL (cont'd)

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	13.4	18.3	21.2	20.4	15.1	N/D	N/D	N/D	17.7
AVERAGE MIN	N/D	N/D	N/D	N/D	0.0	5.5	8.9	7.6	2.4	N/D	N/D	N/D	4.9
AVERAGE	N/D	N/D	N/D	N/D	6.7	11.9	15.1	14.0	8.7	N/D	N/D	N/D	11.3
STANDARD DEVIATION	N/D	N/D	N/D	N/D	7.2	7.8	7.3	6.9	8.2	N/D	N/D	N/D	7.5
ABSOLUTE MAX	N/D	N/D	N/D	N/D	18.9	27.2	27.8	23.9	22.8	N/D	N/D	N/D	27.8
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-3.9	0.0	3.3	2.2	-9.4	N/D	N/D	N/D	-9.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	209.	357.	468.	336.	161.	N/D	N/D	N/D	1531.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	4.	N/D	N/D	N/D	4.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	7.	12.	N/D	N/D	N/D	19.

DIETRICH CAMP, AIRFIELD: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	18.7	22.0	16.6	7.8	-2.6	-18.6	-25.6	2.6
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	5.1	8.8	5.3	-0.5	-11.3	-27.5	-34.0	-7.7
AVERAGE	N/D	N/D	N/D	N/D	N/D	11.9	15.4	10.9	3.6	-7.0	-23.1	-29.8	-2.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	7.5	7.8	6.9	5.9	8.1	7.0	10.9	7.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	22.2	29.4	25.6	14.4	9.4	-8.3	-5.6	29.4
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-3.9	-0.6	-2.2	-10.6	-24.4	-33.3	-43.3	-43.3
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	357.	477.	339.	126.	10.	0.	0.	1308.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	16.	226.	692.	925.	1859.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	0.	0.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-23.6	-22.4	-8.2	2.8	10.3	18.4	20.6	20.4	10.5	-4.4	-7.1	-21.6	-0.4
AVERAGE MIN	-32.2	-36.8	-25.3	-12.2	-0.7	2.8	6.2	4.4	0.6	-13.4	-17.6	-31.9	-13.0
AVERAGE	-27.9	-29.6	-16.8	-4.7	4.8	10.6	13.4	12.4	5.6	-8.9	-12.4	-26.8	-6.7
STANDARD DEVIATION	9.7	12.7	10.4	9.7	6.2	8.4	8.1	8.6	5.6	8.0	9.4	11.4	9.0
ABSOLUTE MAX	-5.0	-5.0	-1.1	11.1	16.7	23.9	28.9	28.3	15.6	3.9	6.1	-3.9	28.9
ABSOLUTE MIN	-42.2	-47.8	-35.6	-28.9	-10.6	-2.2	1.1	-0.6	-6.7	-30.0	-33.3	-41.7	-47.8
THAW DEGREE DAYS (C)	0.	0.	0.	17.	151.	319.	416.	384.	169.	1.	0.	0.	1456.
FREEZE DEGREE DAYS (C)	865.	858.	520.	158.	2.	0.	0.	0.	2.	277.	371.	348.	3402.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	18.	18.

EAGLE CREEK GROUND SURFACE, TUSSOCK: CRREL

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	11.1	4.1	6.5	-1.1	-3.9	N/D	3.3
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	3.6	-1.6	2.9	-1.5	-4.4	N/D	-0.2
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	7.4	1.3	4.7	-1.3	-4.2	N/D	1.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	5.6	3.6	2.6	0.4	1.2	N/D	2.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	17.2	8.3	10.0	-0.6	-1.7	N/D	17.
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	-3.9	-4.4	-2.8	-2.2	-6.1	N/D	-6.1
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	221.	38.	124.	0.	0.	N/D	383.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	0.	7.	1.	40.	125.	N/D	172.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	1.	7.	4.	0.	0.	N/D	12.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-6.7	-8.7	-6.6	-2.5	10.4	15.6	12.2	11.7	5.1	0.9	0.4	-1.1	2.6
AVERAGE MIN	-7.1	-9.4	-7.2	-3.2	4.9	7.8	7.0	6.7	2.6	0.4	-0.1	-1.5	0.1
AVERAGE	-6.9	-9.0	-6.9	-2.8	7.6	11.7	9.6	9.2	3.9	0.7	0.1	-1.3	1.3
STANDARD DEVIATION	1.7	1.8	1.6	2.7	3.1	4.3	2.9	3.1	1.7	0.5	0.5	0.9	2.0
ABSOLUTE MAX	-2.8	-4.4	-5.6	5.0	13.9	20.0	15.6	16.1	8.9	1.7	1.1	1.1	20.0
ABSOLUTE MIN	-8.9	-11.1	-10.0	-6.1	4.4	6.1	5.6	3.3	1.7	0.0	-1.1	-2.8	-11.1
THAW DEGREE DAYS (C)	0.	0.	0.	12.	221.	328.	239.	285.	116.	20.	7.	2.	1231.
FREEZE DEGREE DAYS (C)	186.	180.	214.	93.	0.	0.	0.	0.	0.	0.	3.	42.	719.
# DAYS MISSING DATA	4.	9.	0.	1.	2.	2.	6.	0.	0.	0.	0.	0.	24.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	-1.0	-4.5	N/D	3.0	17.4	8.6	3.5	4.6	N/D	N/D	6.2
AVERAGE MIN	N/D	N/D	-1.2	-4.8	N/D	4.1	11.7	4.3	6.6	4.6	N/D	N/D	3.6
AVERAGE	N/D	N/D	-1.1	-4.7	N/D	6.5	14.6	6.5	8.0	4.6	N/D	N/D	4.9
STANDARD DEVIATION	N/D	N/D	0.8	1.4	N/D	2.7	3.2	3.6	2.4	0.3	N/D	N/D	2.1
ABSOLUTE MAX	N/D	N/D	0.0	-1.1	N/D	11.1	20.6	12.8	13.3	5.0	N/D	N/D	20.6
ABSOLUTE MIN	N/D	N/D	-2.8	-6.1	N/D	2.2	10.0	1.1	5.0	3.9	N/D	N/D	-6.1
THAW DEGREE DAYS (C)	N/D	N/D	0.	0.	N/D	198.	364.	84.	241.	142.	N/D	N/D	1020.
FREEZE DEGREE DAYS (C)	N/D	N/D	34.	121.	N/D	0.	0.	0.	0.	0.	N/D	N/D	156.
# DAYS MISSING DATA	N/D	N/D	0.	4.	N/D	1.	6.	18.	0.	0.	N/D	N/D	29.

EAGLE CREEK GROUND SURFACE, TUSSOCK: CRREL (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	0.4	N/D	-4.5	-1.8	0.7	N/D	6.8	6.2	2.1	-2.0	-3.3	N/D	0.5
AVERAGE MIN	-1.2	N/D	-5.4	11.9	-2.4	N/D	3.4	2.9	0.2	-3.6	-5.2	N/D	1.5
AVERAGE	-0.9	N/D	-5.0	5.0	-0.9	N/D	5.1	4.6	1.2	-2.8	-4.3	N/D	1.0
STANDARD DEVIATION	1.7	N/D	61.7	62.4	1.9	N/D	2.2	2.0	1.9	1.6	1.9	N/D	15.3
ABSOLUTE MAX	2.3	N/D	-1.1	9.0	3.3	N/D	11.1	8.3	6.1	0.6	0.6	N/D	11.1
ABSOLUTE MIN	-2.1	N/D	-9.4	-9.4	-3.9	N/D	1.7	0.6	-2.2	-6.7	-7.2	N/D	-9.4
THAW DEGREE DAYS (C)	3.	N/D	335.	265.	2.	N/D	154.	137.	41.	0.	0.	N/D	807.
FREEZE DEGREE DAYS (C)	97.	N/D	175.	88.	29.	N/D	0.	0.	6.	86.	127.	N/D	539.
# DAYS MISSING DATA	4.	N/D	1.	1.	0.	N/D	1.	1.	0.	0.	0.	N/D	8.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	5.7	5.8	3.1	N/D	N/D	N/D	4.9
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	2.6	2.3	0.2	N/D	N/D	N/D	1.7
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	4.2	4.1	1.6	N/D	N/D	N/D	3.3
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	1.9	2.2	1.9	N/D	N/D	N/D	2.0
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	9.4	10.0	5.6	N/D	N/D	N/D	10.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	1.1	1.1	-2.2	N/D	N/D	N/D	-2.2
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	126.	101.	51.	N/D	N/D	N/D	278.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	1.	N/D	N/D	N/D	1.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	1.	6.	0.	N/D	N/D	N/D	7.

EAGLE CREEK LODGE: CRREL

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	20.9	14.8	8.2	-3.0	-20.3	N/D	4.1
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	4.9	4.2	-1.4	-11.5	-28.2	N/D	-6.4
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	12.9	9.5	3.4	-7.3	-24.3	N/D	-1.1
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	8.8	6.6	6.2	8.4	6.9	N/D	7.4
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	28.9	23.3	15.0	6.1	-10.0	N/D	28.9
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	0.0	-2.8	-8.9	-30.0	-36.1	N/D	-36.1
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	400.	285.	117.	3.	0.	N/D	805.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	15.	228.	728.	N/D	971.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	0.	1.	0.	0.	0.	N/D	1.

EAGLE CREEK LODGE: CRREL (cont'd)

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-23.4	-21.5	-3.4	1.8	8.8	15.5	N/D	N/D	N/D	-7.6	-10.7	-13.5	-6.0
AVERAGE MIN	-30.9	-31.1	-14.3	-13.0	-1.2	1.7	N/D	N/D	N/D	-19.0	-22.5	-24.7	-17.2
AVERAGE	-27.2	-26.3	-8.8	-5.6	3.8	8.6	N/D	N/D	N/D	-13.3	-16.6	-19.1	-11.6
STANDARD DEVIATION	7.0	8.5	9.1	8.7	5.6	7.6	N/D	N/D	N/D	9.0	8.9	8.2	8.1
ABSOLUTE MAX	-9.9	-6.1	6.3	10.0	14.4	22.2	N/D	N/D	N/D	2.8	0.6	1.7	22.2
ABSOLUTE MIN	-38.9	-40.0	-24.4	-23.9	-6.1	-2.2	N/D	N/D	N/D	-32.2	-34.4	-33.9	-40.0
THAW DEGREE DAYS (C)	0.	0.	17.	10.	110.	258.	N/D	N/D	N/D	0.	0.	0.	396.
FREEZE DEGREE DAYS (C)	652.	737.	290.	178.	0.	0.	N/D	N/D	N/D	332.	415.	592.	3196.
# DAYS MISSING DATA	7.	1.	0.	0.	2.	0.	N/D	N/D	N/D	6.	5.	0.	21.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-7.5	N/D	-11.4	N/D	N/D	19.2	N/D	19.3	6.4	-5.9	-15.5	N/D	0.7
AVERAGE MIN	-15.3	N/D	-27.9	N/D	N/D	3.5	N/D	0.8	-1.5	-16.4	-27.9	N/D	-12.1
AVERAGE	-11.4	N/D	-19.6	N/D	N/D	11.4	N/D	10.0	2.4	-11.2	-21.7	N/D	-5.7
STANDARD DEVIATION	7.0	N/D	10.1	N/D	N/D	8.1	N/D	10.9	5.4	7.3	9.0	N/D	8.1
ABSOLUTE MAX	3.3	N/D	-0.6	N/D	N/D	21.1	N/D	31.7	15.0	5.0	-5.0	N/D	31.7
ABSOLUTE MIN	-22.8	N/D	-37.8	N/D	N/D	1.1	N/D	-11.7	-10.0	-27.8	-35.0	N/D	-37.8
THAW DEGREE DAYS (C)	0.	N/D	0.	N/D	N/D	125.	N/D	314.	59.	0.	0.	N/D	498.
FREEZE DEGREE DAYS (C)	319.	N/D	609.	N/D	N/D	0.	N/D	3.	8.	290.	369.	N/D	1597.
# DAYS MISSING DATA	3.	N/D	0.	N/D	N/D	19.	N/D	0.	9.	5.	13.	N/D	49.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-10.5	-9.5	-5.6	2.2	10.7	14.7	21.1	19.3	8.7	-6.7	-10.5	-13.7	1.7
AVERAGE MIN	-22.3	-22.7	-20.2	-13.3	-3.8	1.6	3.4	1.3	-3.0	-16.7	-20.0	-22.4	-11.5
AVERAGE	-16.4	-16.1	-12.9	-5.5	3.5	8.2	12.3	10.3	2.8	-11.7	-15.2	-18.0	-4.9
STANDARD DEVIATION	7.5	10.1	9.4	11.2	8.2	7.2	9.4	9.5	8.3	7.1	7.8	8.2	8.7
ABSOLUTE MAX	-2.2	2.8	5.6	10.6	18.9	21.1	30.0	24.4	23.3	-0.6	-1.1	-3.3	30.0
ABSOLUTE MIN	-35.0	-33.3	-27.2	-30.6	-9.4	-1.7	-1.1	-3.9	-10.0	-28.3	-29.4	-38.3	-38.3
THAW DEGREE DAYS (C)	0.	0.	0.	8.	107.	245.	380.	144.	109.	0.	0.	0.	993.
FREEZE DEGREE DAYS (C)	442.	451.	361.	119.	6.	0.	0.	0.	24.	364.	441.	252.	2461.
# DAYS MISSING DATA	4.	0.	3.	10.	2.	0.	0.	17.	0.	0.	1.	17.	54.

EAGLE CREEK LODGE: CRREL (cont'd)

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	0.6	N/D	N/D	N/D	18.5	18.7	9.1	N/D	N/D	N/D	11.7
AVERAGE MIN	N/D	N/D	-10.4	N/D	N/D	N/D	3.3	0.9	-5.9	N/D	N/D	N/D	-3.0
AVERAGE	N/D	N/D	-4.9	N/D	N/D	N/D	10.9	9.8	1.6	N/D	N/D	N/D	4.3
STANDARD DEVIATION	N/D	N/D	6.1	N/D	N/D	N/D	8.7	9.8	8.6	N/D	N/D	N/D	8.3
ABSOLUTE MAX	N/D	N/D	7.2	N/D	N/D	N/D	27.8	26.7	18.3	N/D	N/D	N/D	27.8
ABSOLUTE MIN	N/D	N/D	-14.4	N/D	N/D	N/D	-2.8	-3.9	-13.3	N/D	N/D	N/D	-14.4
THAW DEGREE DAYS (C)	N/D	N/D	0.	N/D	N/D	N/D	306.	305.	71.	N/D	N/D	N/D	681.
FREEZE DEGREE DAYS (C)	N/D	N/D	69.	N/D	N/D	N/D	0.	0.	24.	N/D	N/D	N/D	93.
# DAYS MISSING DATA	N/D	N/D	17.	N/D	N/D	N/D	3.	0.	0.	N/D	N/D	N/D	20.

EAGLE CREEK, TREES: CRREL

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	19.6	13.5	7.2	-4.5	-18.2	N/D	3.5
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	6.3	3.1	-0.9	-11.0	-24.4	N/D	-5.4
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	13.0	8.3	3.1	-7.8	-21.3	N/D	-0.9
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	7.8	6.5	5.9	7.8	5.5	N/D	6.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	27.8	22.8	15.0	6.1	-10.6	N/D	27.8
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	0.0	-1.1	-10.0	-26.7	-30.0	N/D	-30.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	389.	257.	118.	2.	0.	N/D	766.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	24.	243.	618.	N/D	885.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	1.	0.	0.	0.	1.	N/D	2.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-20.8	N/D	-14.7	2.4	10.5	17.1	18.4	16.9	9.6	-4.0	-5.1	-14.6	1.4
AVERAGE MIN	-27.1	N/D	-21.5	-8.2	0.3	5.7	5.7	4.8	-0.9	-11.1	-12.3	-21.8	-7.8
AVERAGE	-24.0	N/D	-18.1	-2.9	5.4	11.4	12.0	10.9	4.4	-7.6	-8.7	-18.2	-3.2
STANDARD DEVIATION	6.6	N/D	5.1	6.8	5.8	6.4	7.1	7.0	6.0	6.8	7.1	7.5	6.6
ABSOLUTE MAX	-9.4	N/D	-9.4	11.1	16.1	25.6	26.7	25.0	17.2	7.8	3.9	1.1	26.7
ABSOLUTE MIN	-32.8	N/D	-27.2	-20.0	-3.9	3.3	2.2	-2.8	-7.8	-20.6	-25.6	-32.8	-32.8
THAW DEGREE DAYS (C)	0.	N/D	0.	19.	156.	342.	361.	336.	131.	2.	4.	0.	1350.
FREEZE DEGREE DAYS (C)	551.	N/D	217.	103.	0.	0.	0.	0.	0.	229.	264.	563.	1927.
# DAYS MISSING DATA	8.	N/D	19.	1.	2.	0.	1.	0.	0.	1.	0.	0.	32.

EAGLE CREEK, TREES: CRREL (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-4.4	N/D	-7.5	0.9	8.6	14.5	17.9	17.4	5.8	-4.2	-16.7	-20.2	0.6
AVERAGE MIN	-15.6	N/D	-18.5	-10.1	-1.6	3.3	4.9	4.9	-1.6	-10.8	-22.9	-24.7	-8.4
AVERAGE	-12.5	N/D	-13.0	-4.6	3.5	8.9	11.4	11.1	2.1	-7.5	-19.8	-22.5	-3.9
STANDARD DEVIATION	8.9	N/D	7.4	8.2	6.3	6.1	7.7	7.7	5.7	5.8	6.3	8.7	7.0
ABSOLUTE MAX	-0.6	N/D	1.1	11.7	18.9	19.4	26.7	27.8	15.6	5.0	-3.9	-7.8	27.8
ABSOLUTE MIN	-29.4	N/D	-28.1	-17.8	-6.7	-2.2	-3.3	-5.0	-8.3	-17.2	-30.0	-37.2	-37.2
THAW DEGREE DAYS (C)	0.	N/D	0.	17.	113.	268.	331.	334.	66.	0.	0.	0.	1149.
FREEZE DEGREE DAYS (C)	387.	N/D	338.	100.	5.	0.	0.	0.	23.	233.	594.	696.	2376.
# DAYS MISSING DATA	0.	N/D	5.	12.	0.	0.	2.	1.	0.	0.	0.	0.	20.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-11.0	-9.4	-8.9	-1.6	7.0	11.9	18.3	15.3	7.4	-8.0	N/D	N/D	2.1
AVERAGE MIN	-17.5	-17.7	-18.7	-11.3	-3.0	2.8	5.7	3.7	-0.6	-14.5	N/D	N/D	-7.1
AVERAGE	-14.3	-13.6	-13.8	-6.5	2.0	7.4	12.0	9.5	3.4	-11.2	N/D	N/D	-2.5
STANDARD DEVIATION	4.5	5.1	7.8	8.0	6.3	5.2	6.9	6.7	6.8	4.9	N/D	N/D	6.6
ABSOLUTE MAX	-4.4	1.1	1.7	5.6	15.0	18.9	25.6	22.2	20.0	-1.7	N/D	N/D	25.6
ABSOLUTE MIN	-26.7	-31.7	-26.1	-26.1	-8.3	0.6	1.7	-2.2	-8.9	-21.7	N/D	N/D	-31.7
THAW DEGREE DAYS (C)	0.	0.	0.	0.	82.	221.	372.	294.	127.	0.	N/D	N/D	1096.
FREEZE DEGREE DAYS (C)	443.	379.	400.	182.	19.	0.	0.	0.	26.	348.	N/D	N/D	1797.
# DAYS MISSING DATA	0.	0.	2.	2.	0.	0.	0.	0.	0.	0.	N/D	N/D	4.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	-2.8	9.3	12.4	15.4	14.9	6.9	N/D	N/D	N/D	9.3
AVERAGE MIN	N/D	N/D	N/D	-12.7	-3.2	1.0	3.3	3.3	-2.9	N/D	N/D	N/D	-1.9
AVERAGE	N/D	N/D	N/D	-7.8	3.1	6.7	9.4	9.1	2.0	N/D	N/D	N/D	3.7
STANDARD DEVIATION	N/D	N/D	N/D	10.1	7.3	6.5	7.1	6.9	6.3	N/D	N/D	N/D	7.3
ABSOLUTE MAX	N/D	N/D	N/D	12.8	17.2	18.5	22.8	22.8	15.6	N/D	N/D	N/D	22.8
ABSOLUTE MIN	N/D	N/D	N/D	-27.2	-14.4	-2.8	-0.6	-1.7	-11.7	N/D	N/D	N/D	-27.2
THAW DEGREE DAYS (C)	N/D	N/D	N/D	9.	113.	200.	290.	281.	77.	N/D	N/D	N/D	971.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	157.	18.	0.	0.	0.	19.	N/D	N/D	N/D	194.
# DAYS MISSING DATA	N/D	N/D	N/D	11.	0.	0.	0.	0.	1.	N/D	N/D	N/D	12.

EAGLE CREEK, TUSSOCK: CRREL

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	19.3	13.9	7.4	-4.6	-19.0	N/D	3.5
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	6.7	3.6	-0.8	-11.3	-25.6	N/D	-5.5
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	13.3	8.7	3.3	-7.9	-22.3	N/D	-1.0
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	7.3	6.5	5.4	7.9	6.2	N/D	6.8
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	28.3	22.8	15.0	5.6	-8.9	N/D	28.3
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	-1.7	-2.2	-9.4	-27.8	-32.2	N/D	-32.2
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	413.	271.	98.	0.	0.	N/D	782.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	11.	246.	669.	N/D	926.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	4.	0.	0.	N/D	4.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-14.8	-17.1	-10.0	0.6	8.7	15.1	18.3	17.1	7.9	-4.9	-9.1	-10.3	-0.1
AVERAGE MIN	-26.0	-25.6	-18.2	-10.1	-1.2	4.3	6.0	5.2	-1.6	-11.7	-15.3	-14.7	-9.1
AVERAGE	-20.4	-21.4	-14.1	-4.8	3.8	10.2	12.2	11.1	3.1	-8.3	-12.2	-12.5	-4.6
STANDARD DEVIATION	7.3	6.6	5.9	6.8	5.6	6.6	6.9	6.9	5.9	6.3	4.8	3.7	6.3
ABSOLUTE MAX	-5.6	0.0	-0.6	2.4	13.9	25.9	24.4	27.2	15.6	4.4	-1.1	-2.8	27.2
ABSOLUTE MIN	-32.4	-34.4	-26.1	-22.2	-5.0	1.7	0.0	-1.7	-7.8	-19.4	-20.6	-20.0	-34.4
THAW DEGREE DAYS (C)	0.	0.	0.	10.	107.	306.	378.	345.	102.	2.	0.	0.	1251.
FREEZE DEGREE DAYS (C)	541.	497.	437.	154.	2.	0.	0.	0.	8.	259.	366.	387.	2621.
# DAYS MISSING DATA	5.	9.	0.	0.	3.	0.	0.	0.	0.	0.	0.	0.	17.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-1.7	N/D	-10.6	-9.0	N/D	11.4	15.8	12.8	3.3	0.3	N/D	-23.6	-1.0
AVERAGE MIN	-13.3	N/D	-16.0	-15.0	N/D	5.2	9.9	9.4	-0.2	-1.6	N/D	-26.1	-5.8
AVERAGE	-11.5	N/D	-13.3	-12.0	N/D	8.3	12.4	9.6	1.5	-0.6	N/D	-24.9	-3.4
STANDARD DEVIATION	5.7	N/D	4.6	4.3	N/D	2.1	3.7	3.7	6.0	2.5	N/D	5.4	4.3
ABSOLUTE MAX	-3.9	N/D	-5.5	-2.8	N/D	17.2	18.3	16.7	20.6	4.4	N/D	-15.6	20.6
ABSOLUTE MIN	-18.3	N/D	-17.8	-20.0	N/D	-5.6	7.8	4.4	-4.4	-4.4	N/D	-35.6	-35.6
THAW DEGREE DAYS (C)	0.	N/D	0.	0.	N/D	245.	309.	295.	79.	19.	N/D	0.	950.
FREEZE DEGREE DAYS (C)	486.	N/D	408.	311.	N/D	5.	0.	0.	33.	37.	N/D	771.	1913.
# DAYS MISSING DATA	0.	N/D	1.	4.	N/D	1.	6.	0.	0.	3.	N/D	0.	15.

EAGLE CREEK, TUSSOCK: CRREL (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-6.4	-8.1	-4.4	5.7	7.9	14.9	21.3	16.8	7.4	-6.8	-2.9	N/D	4.1
AVERAGE MIN	-18.5	-19.2	-18.1	-9.0	-7.7	0.2	2.6	-0.2	-0.6	-17.0	-10.5	N/D	-8.9
AVERAGE	-12.4	-13.7	-11.2	-1.7	0.1	7.5	11.9	8.3	3.4	-11.9	-6.7	N/D	-2.4
STANDARD DEVIATION	8.3	13.1	10.9	12.7	9.7	8.4	10.3	10.0	6.8	7.9	7.4	N/D	9.6
ABSOLUTE MAX	2.2	8.9	12.8	17.2	17.2	22.2	33.3	27.2	20.0	1.7	5.0	N/D	33.3
ABSOLUTE MIN	-35.0	-36.7	-28.3	-33.9	-15.0	-5.0	-3.9	-10.6	-8.9	-26.7	-20.6	N/D	-36.7
THAW DEGREE DAYS (C)	0.	3.	4.	74.	57.	143.	369.	257.	127.	0.	6.	N/D	1040.
FREEZE DEGREE DAYS (C)	336.	386.	352.	123.	54.	0.	0.	0.	26.	298.	153.	N/D	1727.
# DAYS MISSING DATA	4.	0.	0.	1.	0.	11.	0.	0.	0.	6.	8.	N/D	30.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	-7.1	-1.4	N/D	N/D	16.7	18.3	6.4	N/D	N/D	N/D	6.6
AVERAGE MIN	N/D	N/D	-17.9	-16.5	N/D	N/D	-0.1	0.6	-6.7	N/D	N/D	N/D	-8.5
AVERAGE	N/D	N/D	-12.5	-8.9	N/D	N/D	8.3	9.4	-1.1	N/D	N/D	N/D	-1.0
STANDARD DEVIATION	N/D	N/D	9.0	11.0	N/D	N/D	9.8	10.4	9.6	N/D	N/D	N/D	10.0
ABSOLUTE MAX	N/D	N/D	5.0	9.4	N/D	N/D	27.2	30.6	19.4	N/D	N/D	N/D	30.6
ABSOLUTE MIN	N/D	N/D	-25.6	-25.6	N/D	N/D	-6.7	-5.0	-21.1	N/D	N/D	N/D	-25.6
THAW DEGREE DAYS (C)	N/D	N/D	0.	1.	N/D	N/D	258.	293.	47.	N/D	N/D	N/D	599.
FREEZE DEGREE DAYS (C)	N/D	N/D	300.	99.	N/D	N/D	1.	0.	82.	N/D	N/D	N/D	482.
# DAYS MISSING DATA	N/D	N/D	7.	19.	N/D	N/D	0.	0.	0.	N/D	N/D	N/D	26.

EAGLE SUMMIT: CRREL

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	15.0	9.5	2.3	-7.8	-18.0	N/D	0.2
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	6.4	2.3	-3.5	-12.2	-23.4	N/D	-6.1
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	10.7	5.9	-0.6	-10.0	-20.7	N/D	-2.9
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	6.1	5.2	5.1	7.8	5.6	N/D	5.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	24.4	18.3	10.6	1.7	-9.4	N/D	24.4
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	-1.1	-2.8	-13.3	-28.9	-30.6	N/D	-30.6
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	333.	176.	32.	0.	0.	N/D	541.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	52.	309.	622.	N/D	982.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	0.	1.	0.	0.	0.	N/D	1.

EAGLE SUMMIT: CRREL (cont'd)

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-15.6	-9.4	-10.6	-1.8	4.5	13.5	14.8	14.1	7.5	N/D	N/D	N/D	1.9
AVERAGE MIN	-22.9	-16.0	-15.3	-9.2	-3.0	5.4	7.4	7.1	0.2	N/D	N/D	N/D	-5.1
AVERAGE	-19.3	-12.7	-13.0	-5.5	0.7	9.4	11.1	10.6	3.9	N/D	N/D	N/D	-1.6
STANDARD DEVIATION	6.8	6.3	3.5	5.9	4.6	4.9	4.2	4.6	4.4	N/D	N/D	N/D	5.0
ABSOLUTE MAX	-7.8	-6.1	-6.1	6.1	9.4	20.6	18.3	22.8	13.9	N/D	N/D	N/D	22.8
ABSOLUTE MIN	-34.4	-28.9	-18.9	-20.6	-7.8	2.2	5.0	2.2	-5.0	N/D	N/D	N/D	-34.4
THAW DEGREE DAYS (C)	0.	0.	0.	8.	43.	283.	189.	276.	104.	N/D	N/D	N/D	904.
FREEZE DEGREE DAYS (C)	367.	76.	78.	172.	21.	0.	0.	0.	0.	N/D	N/D	N/D	714.
# DAYS MISSING DATA	12.	23.	25.	0.	1.	0.	14.	5.	3.	N/D	N/D	N/D	83.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-9.4	N/D	N/D	11.6	N/D	11.4	12.9	11.5	0.7	-8.5	N/D	-16.1	1.8
AVERAGE MIN	-15.4	N/D	N/D	4.0	N/D	3.6	4.9	2.9	-3.4	-13.3	N/D	-20.6	-4.7
AVERAGE	-12.4	N/D	N/D	7.8	N/D	7.5	8.9	7.2	-1.3	-10.9	N/D	-18.3	-1.4
STANDARD DEVIATION	7.4	N/D	N/D	12.9	N/D	5.9	5.2	6.6	4.5	5.3	N/D	10.4	7.3
ABSOLUTE MAX	0.0	N/D	N/D	31.1	N/D	20.6	20.0	21.1	8.3	1.1	N/D	-3.3	31.1
ABSOLUTE MIN	-30.6	N/D	N/D	-16.1	N/D	-4.4	0.0	-5.6	-12.2	-18.9	N/D	-35.6	-35.6
THAW DEGREE DAYS (C)	0.	N/D	N/D	276.	N/D	226.	223.	232.	27.	0.	N/D	0.	984.
FREEZE DEGREE DAYS (C)	236.	N/D	N/D	73.	N/D	1.	0.	8.	65.	338.	N/D	440.	1161.
# DAYS MISSING DATA	12.	N/D	N/D	4.	N/D	0.	6.	0.	2.	0.	N/D	7.	31.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-10.0	-3.8	-7.8	-1.3	4.0	8.1	14.9	12.3	5.0	-12.6	-10.2	-11.2	-1.1
AVERAGE MIN	-15.6	-10.5	-13.7	-8.3	-3.6	2.0	7.7	5.1	0.3	-16.1	-14.6	-15.2	-6.9
AVERAGE	-12.8	-7.1	-10.7	-4.8	0.2	5.0	11.3	8.7	2.7	-14.3	-12.4	-13.2	-4.0
STANDARD DEVIATION	4.9	6.8	5.4	4.7	4.8	5.0	4.7	4.8	6.1	3.8	4.8	3.4	4.9
ABSOLUTE MAX	-2.8	1.7	-1.1	7.8	11.1	15.0	22.2	20.0	18.3	-6.1	-6.1	-6.7	22.2
ABSOLUTE MIN	-26.1	-26.7	-18.9	-15.0	-7.8	-1.1	2.8	1.1	-8.9	-21.7	-24.4	-20.6	-26.7
THAW DEGREE DAYS (C)	0.	0.	0.	1.	36.	159.	237.	271.	115.	0.	0.	0.	820.
FREEZE DEGREE DAYS (C)	397.	200.	118.	117.	31.	6.	0.	0.	35.	157.	273.	172.	1509.
# DAYS MISSING DATA	0.	0.	20.	6.	1.	0.	10.	0.	0.	20.	8.	18.	83.

EAST OUMALIK: CRREL

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	0.9	12.5	18.6	15.7	5.8	N/D	N/D	N/D	10.7
AVERAGE MIN	N/D	N/D	N/D	N/D	-5.6	2.4	6.8	6.5	-1.1	N/D	N/D	N/D	1.8
AVERAGE	N/D	N/D	N/D	N/D	-2.4	7.5	12.7	11.1	2.4	N/D	N/D	N/D	6.3
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.4	6.6	7.3	6.1	4.2	N/D	N/D	N/D	5.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	10.0	23.9	25.0	23.9	13.9	N/D	N/D	N/D	25.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-10.6	-2.8	-0.6	-1.7	-3.9	N/D	N/D	N/D	-10.6
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	18.	225.	395.	343.	32.	N/D	N/D	N/D	1013.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	63.	1.	0.	0.	1.	N/D	N/D	N/D	66.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	12.	0.	0.	0.	17.	N/D	N/D	N/D	29.

ELLIOTT HIGHWAY: CRREL

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	18.3	12.3	6.7	-6.6	-18.8	N/D	2.4
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	9.6	6.1	1.9	-10.9	-24.1	N/D	-3.5
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	14.0	9.2	4.3	-8.8	-21.4	N/D	-0.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	5.7	4.6	3.3	6.2	5.7	N/D	5.1
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	26.7	22.2	11.1	4.4	-9.4	N/D	26.7
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	2.2	0.0	-1.1	-23.3	-28.9	N/D	-28.9
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	433.	286.	98.	2.	0.	N/D	819.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	274.	643.	N/D	917.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	7.	0.	0.	N/D	7.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-20.7	-20.4	-13.6	-1.2	7.0	14.2	15.8	14.0	5.1	-8.5	N/D	N/D	-0.8
AVERAGE MIN	-27.1	-26.0	-19.2	-8.4	-0.9	6.3	7.8	4.6	-4.6	-15.4	N/D	N/D	-8.3
AVERAGE	-23.9	-23.2	-16.4	-4.8	3.1	10.2	11.8	9.3	0.2	-12.0	N/D	N/D	-4.6
STANDARD DEVIATION	6.8	8.7	4.8	5.9	4.8	5.2	5.4	6.5	6.4	10.2	N/D	N/D	6.5
ABSOLUTE MAX	-7.8	-4.4	-8.9	6.7	11.1	21.1	23.9	23.3	11.1	3.9	N/D	N/D	23.9
ABSOLUTE MIN	-33.3	-36.7	-28.9	-18.9	-6.7	2.2	1.7	-4.4	-17.8	-28.9	N/D	N/D	-36.7
THAW DEGREE DAYS (C)	0.	0.	0.	11.	91.	307.	365.	289.	47.	0.	N/D	N/D	1109.
FREEZE DEGREE DAYS (C)	550.	649.	492.	156.	5.	0.	0.	0.	40.	287.	N/D	N/D	2180.
# DAYS MISSING DATA	8.	1.	1.	0.	3.	0.	0.	0.	2.	7.	N/D	N/D	22.

ELLIOTT HIGHWAY: CRREL (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	-14.7	-2.5	15.1	18.1	20.9	17.0	-3.0	-4.1	-15.1	-14.3	1.7
AVERAGE MIN	N/D	N/D	-23.5	-12.7	3.6	5.3	6.6	5.3	-10.3	-10.0	-23.1	-20.6	-7.9
AVERAGE	N/D	N/D	-19.1	-7.6	9.4	11.7	13.8	11.1	-6.7	-7.1	-19.1	-17.4	-3.1
STANDARD DEVIATION	N/D	N/D	8.7	10.0	7.8	8.4	9.6	9.7	7.9	5.7	10.4	16.7	9.5
ABSOLUTE MAX	N/D	N/D	0.0	16.1	27.8	30.6	35.0	31.1	11.1	3.3	6.7	9.4	35.0
ABSOLUTE MIN	N/D	N/D	-31.1	-27.2	-5.6	-2.2	-4.4	-10.0	-22.2	-18.3	-33.9	-42.8	-42.8
THAW DEGREE DAYS (C)	N/D	N/D	0.	32.	253.	315.	427.	356.	14.	2.	0.	31.	1430.
FREEZE DEGREE DAYS (C)	N/D	N/D	558.	229.	0.	0.	0.	11.	207.	122.	572.	572.	2307.
# DAYS MISSING DATA	N/D	N/D	0.	4.	4.	3.	0.	0.	1.	14.	0.	0.	26.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-12.0	-8.2	-9.5	4.1	8.2	11.4	20.3	17.8	N/D	N/D	N/D	-15.3	2.0
AVERAGE MIN	-20.0	-17.0	-18.1	-1.8	-6.6	1.1	8.6	5.7	N/D	N/D	N/D	-20.4	-6.6
AVERAGE	-16.0	-12.6	-13.3	-2.3	0.8	6.2	14.5	11.8	N/D	N/D	N/D	-17.8	-2.3
STANDARD DEVIATION	5.6	16.0	15.7	11.6	9.8	6.7	7.2	7.7	N/D	N/D	N/D	5.1	15.2
ABSOLUTE MAX	1.7	8.3	4.4	17.2	20.6	20.6	29.4	30.0	N/D	N/D	N/D	-7.2	30.0
ABSOLUTE MIN	-29.4	-45.0	-34.4	-33.3	-17.8	-4.4	1.1	-1.7	N/D	N/D	N/D	-26.7	-45.0
THAW DEGREE DAYS (C)	0.	16.	238.	51.	90.	198.	448.	364.	N/D	N/D	N/D	0.	1395.
FREEZE DEGREE DAYS (C)	465.	368.	386.	119.	66.	1.	0.	0.	N/D	N/D	N/D	357.	1761.
# DAYS MISSING DATA	2.	0.	3.	1.	1.	0.	0.	0.	N/D	N/D	N/D	11.	18.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-11.3	N/D	-10.4	-3.0	10.3	13.5	16.6	16.3	8.4	-0.1	-3.4	-13.1	2.1
AVERAGE MIN	-16.5	N/D	-17.0	-10.0	2.0	5.2	9.0	8.8	1.5	-4.6	-7.9	-18.5	-4.4
AVERAGE	-13.9	N/D	-14.0	-6.5	6.2	9.4	12.8	12.5	4.9	-2.4	-5.7	-15.8	-1.1
STANDARD DEVIATION	4.9	N/D	7.2	8.5	5.3	5.6	5.3	5.3	5.3	5.4	4.8	6.9	5.9
ABSOLUTE MAX	-4.4	N/D	-1.7	12.2	17.8	19.4	22.8	22.8	15.6	9.4	3.3	-1.1	22.8
ABSOLUTE MIN	-26.1	N/D	-24.4	-22.8	-5.0	1.1	3.3	3.9	-5.0	-10.6	-16.1	-27.2	-27.2
THAW DEGREE DAYS (C)	0.	N/D	0.	20.	192.	112.	334.	388.	156.	36.	5.	0.	1244.
FREEZE DEGREE DAYS (C)	417.	N/D	335.	215.	0.	0.	0.	0.	8.	109.	176.	221.	1482.
# DAYS MISSING DATA	1.	N/D	7.	0.	0.	18.	5.	0.	0.	0.	0.	17.	48.

ELLIOTT HWY GROUND SURFACE, TUSSOCK: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.0	0.0
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-0.4	-0.4
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-0.2	-0.2
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.9	0.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	1.7	1.7
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-1.7	-1.7
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	8.	8.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	14.	14.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-2.0	N/D	-5.3	-4.1	1.1	6.2	13.0	9.7	3.5	1.8	-5.8	-7.1	1.0
AVERAGE MIN	-2.4	N/D	-6.7	-4.7	0.6	4.5	7.6	4.3	0.2	-0.1	-7.9	-9.1	-1.2
AVERAGE	-2.2	N/D	-5.5	-4.4	0.8	5.3	10.3	7.0	1.8	0.8	-6.9	-8.1	-0.1
STANDARD DEVIATION	1.3	N/D	0.7	0.9	1.1	1.5	4.5	5.7	3.3	2.3	3.8	3.8	2.6
ABSOLUTE MAX	0.0	N/D	-4.4	-2.2	3.3	8.9	21.1	20.0	8.9	5.0	1.1	-3.5	21.1
ABSOLUTE MIN	-5.0	N/D	-6.7	-5.6	-2.2	2.2	3.3	-5.0	-4.4	-3.3	-14.4	-14.4	-14.4
THAW DEGREE DAYS (C)	0.	N/D	0.	0.	29.	159.	309.	226.	64.	25.	0.	0.	811.
FREEZE DEGREE DAYS (C)	67.	N/D	171.	114.	6.	0.	0.	7.	9.	9.	206.	146.	736.
# DAYS MISSING DATA	0.	N/D	0.	4.	3.	0.	1.	0.	0.	12.	0.	13.	33.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-15.9	N/D	-21.5	-12.4	-0.4	2.8	N/D	N/D	N/D	N/D	N/D	N/D	-9.5
AVERAGE MIN	-18.0	N/D	-25.0	-17.2	-6.0	-1.8	N/D	N/D	N/D	N/D	N/D	N/D	-13.6
AVERAGE	-16.9	N/D	-23.2	-14.8	-3.2	0.5	N/D	N/D	N/D	N/D	N/D	N/D	-11.5
STANDARD DEVIATION	6.1	N/D	3.8	8.2	3.6	2.9	N/D	N/D	N/D	N/D	N/D	N/D	4.9
ABSOLUTE MAX	-3.9	N/D	-15.6	-1.1	4.4	6.7	N/D	N/D	N/D	N/D	N/D	N/D	6.7
ABSOLUTE MIN	-24.4	N/D	-31.1	-31.1	-9.4	-5.6	N/D	N/D	N/D	N/D	N/D	N/D	-31.1
THAW DEGREE DAYS (C)	0.	N/D	0.	0.	2.	27.	N/D	N/D	N/D	N/D	N/D	N/D	29.
FREEZE DEGREE DAYS (C)	491.	N/D	674.	429.	101.	11.	N/D	N/D	N/D	N/D	N/D	N/D	1706.
# DAYS MISSING DATA	2.	N/D	2.	1.	0.	0.	N/D	N/D	N/D	N/D	N/D	N/D	5.

FAIRBANKS: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	22.6	25.5	18.5	12.3	-1.0	-17.6	-22.3	5.4
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	12.3	15.0	8.2	3.1	-8.1	-26.9	-31.0	-3.9
AVERAGE	N/D	N/D	N/D	N/D	N/D	17.4	20.3	13.4	7.7	-4.5	-22.2	-26.7	0.8
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	5.6	6.4	6.3	5.6	9.9	8.3	13.8	8.0
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	30.0	34.4	27.8	18.3	13.9	-1.1	-3.9	34.4
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	7.2	7.2	1.7	-4.4	-32.8	-34.4	-46.1	-46.1
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	523.	628.	414.	231.	28.	0.	0.	1824.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	169.	667.	827.	1663.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	0.	0.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-20.1	-18.7	-4.8	6.6	14.4	20.6	22.2	21.1	13.5	-0.8	-4.3	-15.6	3.0
AVERAGE MIN	-28.2	-32.0	-17.4	-4.1	3.2	10.1	10.9	9.1	1.3	-8.2	-13.6	-24.2	-7.8
AVERAGE	-24.1	-25.3	-11.1	2.2	8.8	15.4	16.5	15.1	7.4	-4.5	-8.9	-19.9	-2.4
STANDARD DEVIATION	9.5	11.5	7.6	8.1	6.2	6.0	6.5	6.9	6.8	8.7	8.9	7.1	7.8
ABSOLUTE MAX	-0.6	3.9	2.8	20.6	21.7	27.2	30.0	32.2	18.3	10.6	7.2	2.8	32.2
ABSOLUTE MIN	-40.6	-42.2	-25.6	-15.6	-0.6	6.7	7.2	3.9	-5.0	-26.7	-27.2	-31.1	-42.2
THAW DEGREE DAYS (C)	0.	0.	0.	97.	271.	461.	512.	467.	222.	24.	5.	0.	2060.
FREEZE DEGREE DAYS (C)	749.	735.	344.	30.	0.	0.	0.	0.	0.	164.	273.	617.	2911.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-7.7	-7.6	-8.9	3.2	14.7	20.4	23.2	22.9	11.3	0.4	-17.7	-22.8	2.6
AVERAGE MIN	-17.1	-18.5	-21.6	-7.7	3.9	10.3	11.1	11.1	3.8	-7.5	-26.3	-29.3	-7.3
AVERAGE	-12.4	-13.0	-15.3	-2.3	9.3	15.3	17.1	17.0	7.6	-3.5	-22.0	-26.1	-2.4
STANDARD DEVIATION	7.9	7.7	6.7	8.0	6.4	5.6	6.9	7.3	5.3	7.1	6.3	12.7	7.5
ABSOLUTE MAX	7.8	5.0	3.3	15.1	25.0	25.6	32.2	30.6	20.0	11.7	-10.0	-5.6	32.2
ABSOLUTE MIN	-30.0	-25.6	-33.3	-19.4	-1.1	5.6	6.7	1.1	-1.7	-22.8	-36.1	-46.7	-46.7
THAW DEGREE DAYS (C)	0.	0.	0.	38.	287.	460.	531.	526.	227.	27.	0.	0.	2097.
FREEZE DEGREE DAYS (C)	383.	364.	473.	106.	0.	0.	0.	0.	0.	137.	660.	808.	2932.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

FAIRBANKS: NWS (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-13.5	-9.5	-3.2	7.9	16.4	17.6	23.4	21.2	12.8	-0.6	-8.6	-10.9	4.4
AVERAGE MIN	-22.0	-21.8	-16.9	-4.8	3.9	7.6	11.6	9.3	3.6	-9.1	-17.5	-21.1	-6.4
AVERAGE	-17.7	-15.7	-10.0	1.5	10.1	12.6	17.5	15.2	8.2	-4.8	-13.0	-16.0	-1.0
STANDARD DEVIATION	8.0	10.8	6.4	8.8	6.9	5.7	6.4	7.0	6.4	6.6	7.4	7.9	7.5
ABSOLUTE MAX	-3.3	5.0	5.0	17.8	22.8	23.3	30.0	27.8	22.2	7.2	0.6	-1.1	30.0
ABSOLUTE MIN	-36.1	-33.3	-25.6	-20.6	-0.6	3.9	7.8	1.7	-2.2	-18.3	-27.8	-31.1	-36.1
THAW DEGREE DAYS (C)	0.	0.	0.	102.	314.	377.	542.	472.	246.	14.	0.	0.	2066.
FREEZE DEGREE DAYS (C)	550.	438.	311.	55.	0.	0.	0.	0.	0.	164.	391.	495.	2405.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-17.8	-24.9	-5.4	5.7	17.2	19.2	21.6	21.5	14.5	5.0	-2.4	-19.1	2.9
AVERAGE MIN	-25.4	-38.7	-16.8	-7.0	2.7	9.0	10.9	10.0	1.5	-4.6	-10.8	-27.8	-8.1
AVERAGE	-21.6	-31.8	-11.1	-0.6	9.9	14.1	16.3	15.8	8.0	0.2	-6.6	-23.5	-2.6
STANDARD DEVIATION	6.7	9.6	8.9	9.2	7.8	5.8	6.3	6.8	7.5	7.1	6.6	8.8	7.6
ABSOLUTE MAX	-3.9	-11.7	5.0	22.8	22.8	25.0	27.8	27.2	22.8	17.8	5.6	-3.9	27.8
ABSOLUTE MIN	-36.7	-46.1	-32.2	-21.1	-2.6	5.0	7.2	5.6	-4.4	-13.9	-18.3	-38.9	-46.1
THAW DEGREE DAYS (C)	0.	0.	0.	69.	307.	423.	504.	489.	241.	71.	4.	0.	2107.
FREEZE DEGREE DAYS (C)	670.	891.	344.	87.	0.	0.	0.	0.	0.	64.	202.	727.	2986.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

FAIRBANKS, 1941-70 Normal: NWS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-19.0	-12.6	-4.8	4.7	14.9	21.5	22.1	18.8	12.4	0.8	-11.3	-18.6	2.4
AVERAGE MIN	-29.8	-25.7	-20.2	-8.2	2.1	8.4	9.8	7.2	1.3	-8.4	-21.2	-28.5	-9.4
AVERAGE	-24.4	-19.2	-12.5	-1.8	8.5	15.0	16.0	13.0	6.9	-3.8	-16.3	-23.6	-3.5
STANDARD DEVIATION	5.5	6.8	8.1	7.2	6.9	6.6	6.2	5.9	6.1	5.9	5.8	5.1	6.3
ABSOLUTE MAX	-16.7	-8.9	-0.6	9.4	18.9	22.8	22.8	21.1	16.1	7.2	-6.1	-16.1	22.8
ABSOLUTE MIN	-30.6	-27.8	-23.9	-14.4	-2.2	6.1	8.9	5.0	-2.8	-15.0	-25.6	-30.0	-30.6
THAW DEGREE DAYS (C)	0.	0.	0.	20.	263.	449.	495.	402.	207.	8.	0.	0.	1843.
FREEZE DEGREE DAYS (C)	756.	537.	387.	72.	0.	0.	0.	0.	0.	124.	488.	730.	3095.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

FISH CREEK: CRREL

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	7.2	13.8	N/D	N/D	N/D	N/D	N/D	10.5
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	-0.3	4.6	N/D	N/D	N/D	N/D	N/D	2.2
AVERAGE	N/D	N/D	N/D	N/D	N/D	3.4	9.2	N/D	N/D	N/D	N/D	N/D	6.3
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	5.2	6.1	N/D	N/D	N/D	N/D	N/D	5.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	17.0	24.0	N/D	N/D	N/D	N/D	N/D	24.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-4.5	1.0	N/D	N/D	N/D	N/D.	N/D	-4.5
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	106.	278.	N/D	N/D	N/D	N/D	N/D	383.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	2.	0.	N/D	N/D	N/D	N/D	N/D	2.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	1.	N/D	N/D	N/D	N/D	N/D	1.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-2.0	5.8	15.0	11.4	3.1	-6.1	-9.7	-12.7	0.6
AVERAGE MIN	N/D	N/D	N/D	N/D	-8.4	-2.4	4.8	3.7	-2.4	-8.8	-15.2	-20.8	-6.2
AVERAGE	N/D	N/D	N/D	N/D	-5.2	1.7	9.9	7.6	0.3	-7.4	-12.4	-16.8	-2.8
STANDARD DEVIATION	N/D	N/D	N/D	N/D	6.5	5.3	6.6	5.7	3.7	4.8	7.4	5.7	5.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	13.9	16.1	25.6	19.4	11.1	-0.6	0.6	-8.9	25.6
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-17.8	-5.0	-2.8	-2.2	-3.9	-20.0	-31.7	-27.8	-31.7
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	14.	60.	277.	213.	22.	0.	0.	0.	586.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	117.	8.	0.	1.	12.	230.	373.	101.	842.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	11.	0.	3.	3.	1.	0.	0.	25.	43.

FIVE MILE CAMP, AIRFIELD: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	12.2	20.3	21.9	19.7	13.7	-2.1	N/D	N/D	14.3
AVERAGE MIN	N/D	N/D	N/D	N/D	4.4	7.0	7.7	4.4	2.4	-8.4	N/D	N/D	2.9
AVERAGE	N/D	N/D	N/D	N/D	8.3	13.7	14.8	12.0	8.1	-5.2	N/D	N/D	8.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	4.4	7.3	8.1	8.7	7.2	5.3	N/D	N/D	6.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	17.0	28.5	30.5	28.0	24.0	2.0	N/D	N/D	30.5
ABSOLUTE MIN	N/D	N/D	N/D	N/D	3.0	3.0	0.0	-1.0	-3.5	-17.0	N/D	N/D	-17.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	42.	410.	458.	374.	242.	1.	N/D	N/D	1526.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	132.	N/D	N/D	132.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	26.	0.	0.	0.	0.	6.	N/D	N/D	32.

FIVE MILE CAMP, AIRFIELD: CRREL (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	1.7	14.1	22.3	25.0	22.4	10.5	-2.5	N/D	N/D	13.3
AVERAGE MIN	N/D	N/D	N/D	-9.8	0.9	7.2	9.0	9.1	1.5	-9.9	N/D	N/D	1.1
AVERAGE	N/D	N/D	N/D	-4.1	7.5	14.8	17.0	15.7	6.0	-6.2	N/D	N/D	7.2
STANDARD DEVIATION	N/D	N/D	N/D	5.9	7.9	8.1	8.8	7.9	6.1	7.0	N/D	N/D	7.4
ABSOLUTE MAX	N/D	N/D	N/D	1.7	24.4	25.6	32.2	30.6	20.0	5.6	N/D	N/D	32.2
ABSOLUTE MIN	N/D	N/D	N/D	-12.2	-3.9	1.7	2.8	0.6	-3.3	-26.7	N/D	N/D	-26.7
THAW DEGREE DAYS (C)	N/D	N/D	N/D	0.	233.	443.	526.	488.	179.	2.	N/D	N/D	1872.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	12.	1.	0.	0.	0.	0.	195.	N/D	N/D	208.
# DAYS MISSING DATA	N/D	N/D	N/D	27.	0.	0.	0.	0.	0.	0.	N/D	N/D	27.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	-5.0	-7.7	3.6	12.7	16.4	25.4	20.6	13.1	-4.2	-8.3	N/D	6.7
AVERAGE MIN	N/D	-23.3	-23.7	-12.0	-2.2	3.9	6.9	4.2	0.6	-12.5	-15.8	N/D	-7.4
AVERAGE	N/D	-14.2	-15.7	-4.2	5.3	10.1	16.1	12.4	6.8	-8.3	-12.1	N/D	-0.4
STANDARD DEVIATION	N/D	9.2	9.1	11.0	8.1	6.8	9.8	9.0	8.0	6.8	5.3	N/D	8.3
ABSOLUTE MAX	N/D	-5.0	0.0	13.9	20.6	22.2	31.1	25.0	25.0	1.7	-8.3	N/D	31.1
ABSOLUTE MIN	N/D	-23.3	-30.0	-27.8	-5.0	-5.8	1.7	-2.2	-7.2	-26.7	-21.1	N/D	-30.0
THAW DEGREE DAYS (C)	N/D	0.	0.	29.	164.	304.	500.	323.	206.	0.	0.	N/D	1527.
FREEZE DEGREE DAYS (C)	N/D	14.	487.	157.	0.	0.	0.	0.	1.	258.	24.	N/D	941.
# DAYS MISSING DATA	N/D	27.	0.	0.	0.	0.	0.	5.	0.	0.	28.	N/D	60.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	17.7	24.2	N/D	N/D	N/D	N/D	N/D	N/D	21.0
AVERAGE MIN	N/D	N/D	N/D	N/D	1.6	8.4	N/D	N/D	N/D	N/D	N/D	N/D	5.0
AVERAGE	N/D	N/D	N/D	N/D	9.7	16.3	N/D	N/D	N/D	N/D	N/D	N/D	13.0
STANDARD DEVIATION	N/D	N/D	N/D	N/D	8.8	8.9	N/D	N/D	N/D	N/D	N/D	N/D	8.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	26.1	30.6	N/D	N/D	N/D	N/D	N/D	N/D	30.6
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-4.4	1.1	N/D	N/D	N/D	N/D	N/D	N/D	-4.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	280.	261.	N/D	N/D	N/D	N/D	N/D	N/D	541.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	N/D	N/D	N/D	N/D	N/D	N/D	0.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	2.	14.	N/D	N/D	N/D	N/D	N/D	N/D	16.

FIVE MILE CAMP, AIRFIELD: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	15.3	20.3	23.2	19.5	9.1	-2.9	-19.7	-28.8	4.5
AVERAGE MIN	N/D	N/D	N/D	N/D	0.7	6.7	5.9	3.1	-1.5	-12.7	-32.9	-37.2	-8.5
AVERAGE	N/D	N/D	N/D	N/D	8.0	13.5	14.5	11.3	3.8	-7.8	-26.3	-33.0	-2.0
STANDARD DEVIATION	N/D	N/D	N/D	N/D	8.4	7.4	9.5	8.9	6.9	10.0	9.0	13.6	9.2
ABSOLUTE MAX	N/D	N/D	N/D	N/D	22.2	25.0	30.0	29.4	17.2	9.4	-3.9	-11.1	30.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-6.7	0.6	-3.9	-2.8	-10.6	-38.9	-41.7	-51.7	-51.7
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	248.	406.	451.	351.	129.	7.	0.	0.	1591.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	15.	249.	788.	1022.	2075.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	0.	0.	0.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-26.1	-24.1	-6.9	6.0	13.9	21.0	22.9	21.7	12.7	-3.2	-9.4	-21.9	0.5
AVERAGE MIN	-34.4	-38.9	-23.9	-11.3	-1.6	4.6	4.1	2.5	-3.7	-14.1	-20.5	-31.8	-14.1
AVERAGE	-30.2	-31.5	-15.4	-2.6	6.2	12.8	13.5	12.1	4.5	-8.7	-15.0	-26.9	-6.8
STANDARD DEVIATION	8.5	11.3	10.3	10.2	8.2	8.8	10.4	10.4	8.8	8.4	7.9	9.4	9.4
ABSOLUTE MAX	-16.1	-10.6	0.0	14.4	18.3	28.3	31.1	30.0	18.3	7.2	-1.1	-5.6	31.1
ABSOLUTE MIN	-46.1	-50.0	-45.6	-23.3	-10.6	-0.6	-15.6	-3.3	-9.4	-32.8	-36.7	-46.7	-50.0
THAW DEGREE DAYS (C)	0.	0.	0.	32.	185.	384.	419.	375.	135.	1.	0.	0.	1531.
FREEZE DEGREE DAYS (C)	937.	913.	477.	112.	0.	0.	1.	0.	1.	270.	449.	806.	3964.
# DAYS MISSING DATA	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	1.	2.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-15.3	-12.8	-11.5	-0.1	13.8	21.4	24.8	22.8	10.6	-2.1	-20.7	-28.8	0.2
AVERAGE MIN	-26.3	-22.2	-30.0	-17.9	0.4	6.5	7.5	5.3	-0.9	-12.2	-31.8	-35.9	-13.1
AVERAGE	-20.8	-17.5	-20.8	-9.0	7.1	13.9	16.1	14.1	4.9	-7.1	-26.2	-32.3	-6.5
STANDARD DEVIATION	8.3	7.5	10.7	11.7	7.8	7.8	9.5	9.8	7.0	7.9	8.9	13.0	9.2
ABSOLUTE MAX	-7.8	-1.7	-5.0	8.9	23.3	24.4	31.7	31.1	20.0	5.0	-11.1	-11.7	31.7
ABSOLUTE MIN	-41.1	-37.2	-43.9	-33.9	-7.8	1.1	1.7	-6.1	-6.7	-30.0	-43.9	-53.3	-53.3
THAW DEGREE DAYS (C)	0.	0.	0.	13.	224.	404.	499.	436.	147.	1.	0.	0.	1726.
FREEZE DEGREE DAYS (C)	646.	489.	644.	283.	3.	0.	0.	0.	1.	222.	787.	1002.	4077.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	1.

FIVE MILE CAMP, AIRFIELD: NWS (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-16.8	-16.7	-7.3	3.9	14.5	18.3	24.6	21.8	13.8	-4.9	-13.2	-18.5	1.6
AVERAGE MIN	-24.8	-28.7	-23.3	-10.9	-0.1	4.3	8.9	4.2	0.8	-13.7	-21.9	-28.3	-11.1
AVERAGE	-20.8	-22.7	-15.3	-3.5	7.2	11.3	16.7	13.0	7.3	-9.3	-17.6	-23.4	-4.7
STANDARD DEVIATION	9.2	9.9	9.5	11.1	8.0	7.5	8.6	9.6	8.1	6.7	8.5	9.5	8.8
ABSOLUTE MAX	-9.4	0.0	-0.6	13.3	21.7	23.3	29.4	31.1	23.9	7.2	-3.3	-4.4	31.1
ABSOLUTE MIN	-44.4	-43.3	-32.2	-28.3	-7.8	-2.2	0.0	-3.3	-6.7	-26.1	-35.6	-42.8	-44.4
THAW DEGREE DAYS (C)	0.	0.	0.	43.	224.	338.	518.	403.	221.	0.	0.	0.	1748.
FREEZE DEGREE DAYS (C)	644.	635.	473.	149.	0.	0.	0.	0.	2.	288.	457.	725.	3373.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.	0.	4.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-22.9	-29.3	N/D	N/D	17.7	21.5	22.7	22.3	9.8	0.6	9.4	-24.8	2.7
AVERAGE MIN	-31.5	-44.6	N/D	N/D	0.1	6.5	7.3	4.0	-2.1	-4.7	0.8	-33.4	-9.8
AVERAGE	-27.2	-37.0	N/D	N/D	8.9	14.0	15.0	13.1	3.9	-2.1	5.1	-29.1	-3.5
STANDARD DEVIATION	6.7	9.9	N/D	N/D	9.2	8.1	8.9	9.9	7.4	4.9	7.2	8.8	8.1
ABSOLUTE MAX	-12.2	-16.7	N/D	N/D	21.1	25.0	30.0	28.3	18.3	8.3	21.1	-11.7	30.0
ABSOLUTE MIN	-42.2	-51.7	N/D	N/D	-5.0	0.0	2.2	-4.4	-12.2	-15.0	-13.9	-43.9	-51.7
THAW DEGREE DAYS (C)	0.	0.	N/D	N/D	266.	406.	465.	406.	123.	26.	161.	0.	1853.
FREEZE DEGREE DAYS (C)	844.	1036.	N/D	N/D	0.	0.	0.	0.	6.	90.	14.	902.	2892.
# DAYS MISSING DATA	0.	0.	N/D	N/D	1.	1.	0.	0.	0.	0.	1.	0.	3.

FRANKLIN BLUFFS CAMP, AIRFIELD: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	11.0	9.0	15.6	16.0	6.8	N/D	N/D	N/D	11.7
AVERAGE MIN	N/D	N/D	N/D	N/D	2.0	2.6	5.3	5.3	-2.0	N/D	N/D	N/D	2.6
AVERAGE	N/D	N/D	N/D	N/D	6.5	5.8	10.5	10.7	2.4	N/D	N/D	N/D	7.2
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.5	5.3	6.9	6.7	5.9	N/D	N/D	N/D	6.1
ABSOLUTE MAX	N/D	N/D	N/D	N/D	14.5	23.0	24.0	26.0	17.0	N/D	N/D	N/D	26.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-3.0	-2.0	0.0	0.0	-6.0	N/D	N/D	N/D	-6.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	26.	175.	325.	330.	85.	N/D	N/D	N/D	940.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	13.	N/D	N/D	N/D	13.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	27.	0.	0.	0.	0.	N/D	N/D	N/D	27.

FRANKLIN BLUFFS CAMP, AIRFIELD: CRREL (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-0.6	9.6	13.2	17.6	6.1	N/D	N/D	N/D	9.2
AVERAGE MIN	N/D	N/D	N/D	N/D	-6.2	1.6	2.0	6.6	-0.4	N/D	N/D	N/D	0.7
AVERAGE	N/D	N/D	N/D	N/D	-3.4	5.6	7.6	12.1	2.9	N/D	N/D	N/D	5.0
STANDARD DEVIATION	N/D	N/D	N/D	N/D	4.2	6.0	7.1	7.3	6.4	N/D	N/D	N/D	6.2
ABSOLUTE MAX	N/D	N/D	N/D	N/D	8.0	21.5	24.0	25.5	21.5	N/D	N/D	N/D	25.5
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-13.0	-3.0	-1.5	-5.5	-6.5	N/D	N/D	N/D	-13.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	4.	168.	236.	375.	102.	N/D	N/D	N/D	885.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	83.	0.	0.	0.	16.	N/D	N/D	N/D	98.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	8.	0.	0.	0.	0.	N/D	N/D	N/D	8.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	12.4	6.2	N/D	N/D	N/D	9.3
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	2.2	0.1	N/D	N/D	N/D	1.2
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	N/D	7.3	3.1	N/D	N/D	N/D	5.2
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	N/D	7.5	5.2	N/D	N/D	N/D	6.3
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	N/D	26.0	19.5	N/D	N/D	N/D	26.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-3.5	-4.5	N/D	N/D	N/D	-4.5
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	168.	103.	N/D	N/D	N/D	271.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.	9.	N/D	N/D	N/D	9.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	N/D	8.	0.	N/D	N/D	N/D	8.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	0.1	11.6	18.7	15.5	4.7	N/D	N/D	N/D	10.1
AVERAGE MIN	N/D	N/D	N/D	N/D	-6.2	1.2	7.0	5.7	-1.9	N/D	N/D	N/D	1.2
AVERAGE	N/D	N/D	N/D	N/D	-3.0	6.4	12.9	10.6	1.4	N/D	N/D	N/D	5.7
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.3	6.6	7.4	6.9	4.8	N/D	N/D	N/D	6.2
ABSOLUTE MAX	N/D	N/D	N/D	N/D	12.8	22.8	27.2	25.6	16.1	N/D	N/D	N/D	27.2
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-13.3	-2.2	1.1	-1.1	-6.1	N/D	N/D	N/D	-13.3
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	21.	192.	399.	329.	63.	N/D	N/D	N/D	1005.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	115.	0.	0.	0.	21.	N/D	N/D	N/D	135.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	N/D	N/D	N/D	0.

FRANKLIN BLUFFS CAMP, AIRFIELD: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	8.6	14.7	12.7	1.9	-10.6	-22.4	-28.9	-3.4
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	2.3	5.4	2.1	-6.6	-16.5	-29.7	-36.8	-11.4
AVERAGE	N/D	N/D	N/D	N/D	N/D	5.5	10.0	7.4	-2.4	-13.6	-26.0	-32.9	-7.4
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	7.0	6.7	7.1	7.3	7.4	7.7	6.8	7.1
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	23.9	26.7	22.2	12.8	1.1	-3.3	-20.6	26.7
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-3.9	-1.1	-2.2	-16.7	-35.0	-38.3	-44.4	-44.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	171.	311.	229.	37.	0.	0.	0.	749.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	6.	0.	0.	108.	421.	781.	921.	2237.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	13.	3.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	-12.5	-3.6	8.2	17.0	16.9	7.3	-8.8	-14.6	-31.5	-2.4
AVERAGE MIN	N/D	N/D	N/D	-24.3	-10.9	-1.1	2.7	1.9	-2.0	-16.3	-23.7	-38.7	-12.5
AVERAGE	N/D	N/D	N/D	-18.4	-7.2	3.6	9.8	9.4	2.6	-12.6	-19.2	-35.1	-7.4
STANDARD DEVIATION	N/D	N/D	N/D	9.1	5.5	6.9	8.5	8.7	6.1	7.6	8.7	7.2	7.6
ABSOLUTE MAX	N/D	N/D	N/D	2.2	5.6	20.6	25.0	26.1	16.7	0.6	1.7	-19.4	26.1
ABSOLUTE MIN	N/D	N/D	N/D	-37.2	-16.7	-5.0	-4.4	-5.0	-6.7	-30.0	-37.2	-46.7	-46.7
THAW DEGREE DAYS (C)	N/D	N/D	N/D	0.	0.	115.	305.	291.	88.	0.	0.	0.	799.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	551.	225.	8.	0.	0.	9.	390.	575.	1087.	2846.
# DAYS MISSING DATA	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-21.4	-26.1	-28.9	-14.6	-3.3	10.6	15.9	22.4	N/D	N/D	N/D	N/D	-5.7
AVERAGE MIN	-28.7	-33.1	-38.4	-25.5	-10.2	0.9	1.5	5.8	N/D	N/D	N/D	N/D	-16.0
AVERAGE	-25.1	-29.6	-33.7	-20.0	-6.8	5.7	8.7	14.1	N/D	N/D	N/D	N/D	-10.8
STANDARD DEVIATION	8.3	9.4	7.2	11.1	6.0	7.0	8.5	9.2	N/D	N/D	N/D	N/D	8.3
ABSOLUTE MAX	-7.8	-13.3	-10.6	4.4	4.4	23.9	26.7	28.9	N/D	N/D	N/D	N/D	28.9
ABSOLUTE MIN	-43.3	-50.6	-45.6	-40.0	-22.8	-6.1	-3.3	0.6	N/D	N/D	N/D	N/D	-50.6
THAW DEGREE DAYS (C)	0.	0.	0.	0.	2.	168.	271.	211.	N/D	N/D	N/D	N/D	651.
FREEZE DEGREE DAYS (C)	753.	829.	1011.	601.	212.	2.	0.	0.	N/D	N/D	N/D	N/D	3408.
# DAYS MISSING DATA	1.	0.	1.	0.	0.	1.	0.	16.	N/D	N/D	N/D	N/D	19.

GALBRAITH, AIRFIELD: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	1.0	11.9	15.9	14.3	5.5	N/D	N/D	N/D	9.7
AVERAGE MIN	N/D	N/D	N/D	N/D	-5.0	1.9	3.5	2.9	-1.5	N/D	N/D	N/D	0.4
AVERAGE	N/D	N/D	N/D	N/D	-2.0	6.9	9.7	8.6	2.0	N/D	N/D	N/D	5.0
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.0	6.1	7.5	6.8	5.1	N/D	N/D	N/D	6.1
ABSOLUTE MAX	N/D	N/D	N/D	N/D	8.3	18.3	26.1	25.0	11.1	N/D	N/D	N/D	26.1
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-7.8	-1.7	-2.2	-4.4	-9.4	N/D	N/D	N/D	-9.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	5.	207.	301.	267.	78.	N/D	N/D	N/D	858.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	15.	1.	0.	0.	17.	N/D	N/D	N/D	33.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	26.	0.	0.	0.	0.	N/D	N/D	N/D	26.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	-7.3	2.5	13.0	N/D	N/D	N/D	N/D	N/D	N/D	2.7
AVERAGE MIN	N/D	N/D	N/D	-21.4	-6.5	3.2	N/D	N/D	N/D	N/D	N/D	N/D	-8.2
AVERAGE	N/D	N/D	N/D	-14.4	-2.0	8.1	N/D	N/D	N/D	N/D	N/D	N/D	-2.7
STANDARD DEVIATION	N/D	N/D	N/D	8.5	7.0	5.8	N/D	N/D	N/D	N/D	N/D	N/D	7.1
ABSOLUTE MAX	N/D	N/D	N/D	-2.8	15.6	15.6	N/D	N/D	N/D	N/D	N/D	N/D	15.6
ABSOLUTE MIN	N/D	N/D	N/D	-27.2	-17.2	-1.7	N/D	N/D	N/D	N/D	N/D	N/D	-27.2
THAW DEGREE DAYS (C)	N/D	N/D	N/D	0.	34.	106.	N/D	N/D	N/D	N/D	N/D	N/D	140.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	72.	95.	0.	N/D	N/D	N/D	N/D	N/D	N/D	167.
# DAYS MISSING DATA	N/D	N/D	N/D	25.	0.	17.	N/D	N/D	N/D	N/D	N/D	N/D	42.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	-7.4	-20.4	-3.3	2.1	9.9	17.6	14.1	7.3	-9.9	-4.0	-13.3	-0.7
AVERAGE MIN	N/D	-16.1	-28.3	-20.0	-9.7	1.1	5.8	-0.2	-3.4	-18.2	-13.5	-23.2	-11.4
AVERAGE	N/D	-11.8	-24.4	-11.6	-3.8	5.5	11.7	6.9	1.9	-14.1	-8.8	-18.2	-6.0
STANDARD DEVIATION	N/D	5.0	7.5	11.9	7.3	5.5	6.9	8.1	8.6	6.1	5.8	10.4	7.6
ABSOLUTE MAX	N/D	-5.6	-5.6	5.0	13.9	15.6	23.9	21.1	21.7	-3.9	-2.8	-3.3	23.9
ABSOLUTE MIN	N/D	-18.3	-41.7	-38.3	-16.7	-5.0	1.1	-6.1	-12.2	-26.1	-18.3	-35.0	-41.7
THAW DEGREE DAYS (C)	N/D	0.	0.	0.	15.	169.	328.	153.	114.	0.	0.	0.	779.
FREEZE DEGREE DAYS (C)	N/D	35.	755.	349.	133.	4.	0.	0.	57.	112.	35.	201.	1682.
# DAYS MISSING DATA	N/D	25.	0.	0.	0.	0.	3.	9.	0.	23.	26.	20.	106.

GALBRAITH, AIRFIELD: CRREL (cont'd)

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	-6.2	-6.6	7.3	14.0	17.4	14.2	4.4	N/D	N/D	N/D	6.3
AVERAGE MIN	N/D	N/D	-14.0	-11.8	-4.6	3.7	6.9	3.0	-4.6	N/D	N/D	N/D	-3.0
AVERAGE	N/D	N/D	-10.1	-9.2	1.3	8.8	12.2	8.6	-0.1	N/D	N/D	N/D	1.7
STANDARD DEVIATION	N/D	N/D	8.8	7.4	7.1	6.7	7.1	6.6	6.9	N/D	N/D	N/D	7.2
ABSOLUTE MAX	N/D	N/D	4.4	11.7	16.1	21.1	26.7	23.9	12.8	N/D	N/D	N/D	26.7
ABSOLUTE MIN	N/D	N/D	-37.2	-26.1	-12.2	-1.1	-0.6	-2.2	-16.1	N/D	N/D	N/D	-37.2
THAW DEGREE DAYS (C)	N/D	N/D	0.	15.	59.	248.	353.	267.	43.	N/D	N/D	N/D	984.
FREEZE DEGREE DAYS (C)	N/D	N/D	304.	282.	20.	0.	0.	0.	44.	N/D	N/D	N/D	650.
# DAYS MISSING DATA	N/D	N/D	1.	1.	2.	2.	2.	0.	8.	N/D	N/D	N/D	16.

GALBRAITH, AIRFIELD: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	6.1	13.0	15.9	12.8	3.1	-7.7	-19.9	-22.8	0.1
AVERAGE MIN	N/D	N/D	N/D	N/D	-8.0	1.7	5.3	1.8	-8.5	-17.3	-28.5	-32.6	-10.8
AVERAGE	N/D	N/D	N/D	N/D	-1.0	7.3	10.6	7.3	-2.7	-12.5	-24.2	-27.7	-5.4
STANDARD DEVIATION	N/D	N/D	N/D	N/D	8.6	6.7	7.4	6.9	8.2	9.2	10.2	10.2	8.4
ABSOLUTE MAX	N/D	N/D	N/D	N/D	14.4	17.8	23.3	22.2	8.9	7.2	-3.9	-4.4	23.3
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-20.6	-6.7	-2.2	-3.3	-23.3	-31.1	-40.0	-43.9	-43.9
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	38.	220.	327.	219.	23.	1.	0.	0.	829.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	66.	0.	0.	0.	104.	388.	725.	859.	2143.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	2.	0.	0.	1.	0.	0.	0.	0.	3.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-22.2	-25.4	-16.5	-2.8	3.5	13.7	15.9	16.0	5.3	-10.2	-9.7	-25.9	-4.8
AVERAGE MIN	-31.5	-35.2	-28.0	-15.8	-6.4	2.8	4.6	4.0	-1.6	-19.0	-20.7	-35.2	-15.2
AVERAGE	-26.8	-30.3	-22.3	-9.3	-1.4	8.2	10.3	10.0	2.3	-14.6	-15.2	-30.6	-10.0
STANDARD DEVIATION	11.7	12.2	9.1	9.3	7.1	6.1	6.7	7.0	5.2	10.6	11.1	9.2	8.8
ABSOLUTE MAX	-3.3	-1.7	-6.1	6.7	11.1	17.8	24.4	25.6	11.1	1.7	6.1	-7.2	25.6
ABSOLUTE MIN	-48.3	-45.0	-38.3	-33.3	-17.2	-1.7	-1.1	-2.2	-8.3	-36.7	-37.8	-46.7	-48.3
THAW DEGREE DAYS (C)	0.	0.	0.	2.	37.	239.	319.	309.	85.	0.	0.	0.	991.
FREEZE DEGREE DAYS (C)	832.	879.	691.	281.	81.	0.	0.	0.	16.	452.	440.	947.	4618.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	1.	0.	2.

GALBRAITH, AIRFIELD: MWS (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-11.2	-16.1	-21.0	-10.9	3.6	11.9	17.4	19.2	5.9	-6.5	-19.9	-16.9	-3.7
AVERAGE MIN	-23.5	-26.7	-32.8	-23.7	-6.1	3.4	3.7	3.0	-5.3	-16.1	-33.0	-28.0	-15.4
AVERAGE	-17.3	-21.4	-26.9	-17.3	-1.2	7.7	10.5	11.1	0.3	-11.5	-26.4	-22.5	-9.6
STANDARD DEVIATION	12.2	13.1	11.3	11.6	7.2	5.8	8.2	9.4	7.1	7.9	11.3	13.0	9.8
ABSOLUTE MAX	1.7	-1.7	-3.0	3.9	15.6	18.3	23.9	27.8	15.3	9.0	0.6	-0.6	27.8
ABSOLUTE MIN	-46.7	-48.9	-45.6	-36.7	-16.1	-1.7	-2.2	-3.3	-15.6	-25.6	-49.4	-45.0	-49.4
THAW DEGREE DAYS (C)	0.	0.	0.	0.	45.	230.	326.	343.	57.	2.	0.	0.	1002.
FREEZE DEGREE DAYS (C)	537.	600.	833.	519.	82.	0.	0.	0.	48.	353.	793.	697.	4462.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-9.4	-14.0	N/D	-3.7	3.7	11.7	N/D	N/D	8.0	-13.4	-7.7	-16.5	-4.6
AVERAGE MIN	-21.6	-26.5	N/D	-18.8	-7.4	0.5	N/D	N/D	-6.1	-24.8	-20.2	-27.6	-16.9
AVERAGE	-15.5	-20.3	N/D	-11.3	-1.8	6.1	N/D	N/D	0.9	-19.1	-14.0	-22.1	-10.8
STANDARD DEVIATION	8.5	13.7	N/D	11.8	7.3	6.1	N/D	N/D	9.5	7.8	10.3	11.5	9.6
ABSOLUTE MAX	-1.7	0.6	N/D	3.3	16.7	15.0	N/D	N/D	19.4	-7.2	2.2	0.0	19.4
ABSOLUTE MIN	-35.0	-45.6	N/D	-38.9	-16.7	-6.1	N/D	N/D	-15.6	-36.7	-34.4	-41.7	-45.6
THAW DEGREE DAYS (C)	0.	0.	N/D	0.	26.	183.	N/D	N/D	95.	0.	0.	0.	303.
FREEZE DEGREE DAYS (C)	480.	567.	N/D	338.	82.	0.	N/D	N/D	67.	593.	420.	684.	3229.
# DAYS MISSING DATA	0.	0.	N/D	0.	0.	0.	N/D	N/D	0.	0.	0.	0.	0.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-10.0	-22.3	-17.9	-6.2	7.8	N/D	16.8	16.6	5.0	-4.8	-8.3	-21.9	-4.1
AVERAGE MIN	-21.1	-35.9	-32.0	-18.8	-3.9	N/D	5.5	4.1	-6.1	-15.4	-18.4	-32.9	-15.9
AVERAGE	-15.5	-29.1	-25.0	-12.5	2.0	N/D	11.2	10.3	-0.6	-10.1	-13.3	-27.4	-10.0
STANDARD DEVIATION	10.9	10.5	11.7	12.7	6.8	N/D	6.9	7.1	7.6	9.4	9.8	12.2	9.6
ABSOLUTE MAX	0.6	-11.1	-2.8	10.0	13.9	N/D	21.7	24.4	12.8	8.3	3.3	-2.2	24.4
ABSOLUTE MIN	-45.0	-51.7	-46.7	-35.0	-12.2	N/D	-1.1	-3.9	-17.2	-35.0	-35.0	-46.7	-51.7
THAW DEGREE DAYS (C)	0.	0.	0.	8.	78.	N/D	347.	321.	49.	5.	0.	0.	807.
FREEZE DEGREE DAYS (C)	482.	816.	774.	383.	16.	N/D	0.	0.	65.	318.	387.	712.	3953.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	N/D	0.	0.	2.	0.	1.	5.	8.

GALBRAITH GROUND SURFACE, GRAVEL: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	16.3	20.9	17.3	6.8	N/D	N/D	N/D	15.5
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	5.1	7.4	6.0	0.8	N/D	N/D	N/D	4.8
AVERAGE	N/D	N/D	N/D	N/D	N/D	10.7	14.1	11.6	3.8	N/D	N/D	N/D	10.1
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	7.0	7.9	6.9	3.7	N/D	N/D	N/D	6.4
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	23.9	30.0	28.9	11.1	N/D	N/D	N/D	30.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	1.1	2.2	1.1	-2.2	N/D	N/D	N/D	-2.2
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	86.	439.	361.	98.	N/D	N/D	N/D	984.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	N/D	N/D	N/D	0.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	22.	0.	0.	4.	N/D	N/D	N/D	26.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	-6.9	4.8	14.1	21.6	18.2	5.2	-3.2	N/D	N/D	7.7
AVERAGE MIN	N/D	N/D	N/D	-8.3	-1.7	5.0	8.4	7.9	0.8	-4.5	N/D	N/D	1.1
AVERAGE	N/D	N/D	N/D	-7.6	1.5	9.6	15.0	13.0	3.0	-3.8	N/D	N/D	4.4
STANDARD DEVIATION	N/D	N/D	N/D	1.4	5.7	6.2	8.1	7.4	4.1	2.0	N/D	N/D	5.0
ABSOLUTE MAX	N/D	N/D	N/D	-5.0	14.4	21.1	28.3	27.8	13.3	0.0	N/D	N/D	28.3
ABSOLUTE MIN	N/D	N/D	N/D	-9.4	-9.4	0.6	0.6	0.0	-0.6	-7.2	N/D	N/D	-9.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	0.	78.	287.	464.	404.	90.	0.	N/D	N/D	1323.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	38.	33.	0.	0.	0.	0.	119.	N/D	N/D	190.
# DAYS MISSING DATA	N/D	N/D	N/D	25.	1.	0.	0.	0.	0.	0.	N/D	N/D	26.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	-10.0	5.8	13.3	20.0	14.9	7.1	-2.4	-7.6	-12.2	3.8
AVERAGE MIN	N/D	N/D	N/D	-11.5	-1.6	4.3	8.7	5.1	1.3	-3.3	-11.1	-14.8	-2.6
AVERAGE	N/D	N/D	N/D	-10.7	2.1	8.8	14.4	10.0	4.2	-2.9	-9.4	-13.5	0.3
STANDARD DEVIATION	N/D	N/D	N/D	4.0	5.5	5.3	6.4	5.8	5.5	1.8	2.7	5.4	4.7
ABSOLUTE MAX	N/D	N/D	N/D	-2.8	18.3	19.4	25.6	22.2	19.4	-0.6	-6.7	-7.2	25.6
ABSOLUTE MIN	N/D	N/D	N/D	-18.3	-7.2	0.6	5.6	0.6	-2.8	-6.7	-14.4	-22.2	-22.2
THAW DEGREE DAYS (C)	N/D	N/D	N/D	0.	87.	263.	446.	309.	132.	8.	0.	8.	1837.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	268.	21.	0.	0.	0.	6.	17.	38.	135.	486.
# DAYS MISSING DATA	N/D	N/D	N/D	5.	0.	0.	0.	0.	0.	25.	28.	31.	119

GALBRAITH GROUND SURFACE, GRAVEL: CRREL (cont'd)

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	-14.9	-10.4	9.2	15.7	18.3	14.7	4.8	N/D	N/D	N/D	5.4
AVERAGE MIN	N/D	N/D	-23.1	-14.1	-0.2	5.1	7.6	6.0	-0.4	N/D	N/D	N/D	-2.7
AVERAGE	N/D	N/D	-19.0	-12.3	4.5	10.4	12.9	10.4	2.2	N/D	N/D	N/D	1.3
STANDARD DEVIATION	N/D	N/D	7.9	5.5	5.4	6.6	6.7	5.2	4.3	N/D	N/D	N/D	5.9
ABSOLUTE MAX	N/D	N/D	-7.8	0.0	15.0	22.2	27.2	20.6	11.7	N/D	N/D	N/D	27.2
ABSOLUTE MIN	N/D	N/D	-37.8	-21.7	-2.2	0.0	1.7	1.1	-4.4	N/D	N/D	N/D	-37.8
THAW DEGREE DAYS (C)	N/D	N/D	0.	0.	140.	313.	388.	321.	63.	N/D	N/D	N/D	1225.
FREEZE DEGREE DAYS (C)	N/D	N/D	589.	356.	0.	0.	0.	0.	10.	N/D	N/D	N/D	955.
# DAYS MISSING DATA	N/D	N/D	0.	1.	0.	0.	1.	0.	6.	N/D	N/D	N/D	8.

GOBBLER'S KNOB: CRREL

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	8.9	18.6	22.6	20.4	7.3	-3.4	-6.8	-7.9	7.5
AVERAGE MIN	N/D	N/D	N/D	N/D	2.0	11.3	13.6	13.6	3.4	-8.2	-11.8	-13.5	1.3
AVERAGE	N/D	N/D	N/D	N/D	5.4	14.9	18.1	17.0	5.3	-5.8	-9.3	-10.7	4.4
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.3	4.6	5.7	5.3	4.6	5.9	5.5	5.7	5.3
ABSOLUTE MAX	N/D	N/D	N/D	N/D	17.0	22.5	30.5	29.0	17.0	6.5	0.0	3.5	30.5
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-5.5	6.0	7.0	5.0	-5.0	-19.0	-21.0	-31.0	-31.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	171.	449.	561.	528.	164.	7.	0.	0.	1879.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	3.	0.	0.	0.	4.	186.	280.	332.	804.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	0.	0.	0.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-3.6	-4.6	-6.1	-4.2	4.8	13.8	20.0	16.9	9.3	-6.9	N/D	N/D	3.9
AVERAGE MIN	-9.8	-14.0	-13.0	-9.9	-4.3	6.9	11.7	8.9	3.5	-10.6	N/D	N/D	-3.1
AVERAGE	-6.7	-9.4	-9.6	-7.1	0.3	10.3	15.9	12.9	6.4	-8.8	N/D	N/D	0.4
STANDARD DEVIATION	6.1	6.6	9.7	5.7	5.5	4.8	4.7	4.8	6.0	3.8	N/D	N/D	5.8
ABSOLUTE MAX	3.5	8.5	6.0	3.0	13.0	21.0	25.0	22.0	20.5	-3.0	N/D	N/D	25.0
ABSOLUTE MIN	-25.0	-22.5	-22.0	-21.0	-9.0	1.0	8.0	4.5	-9.0	-15.5	N/D	N/D	-25.0
THAW DEGREE DAYS (C)	0.	2.	3.	0.	39.	289.	492.	400.	198.	0.	N/D	N/D	1422.
FREEZE DEGREE DAYS (C)	208.	265.	51.	212.	31.	0.	0.	0.	6.	166.	N/D	N/D	938.
# DAYS MISSING DATA	0.	0.	26.	0.	0.	2.	0.	0.	0.	12.	N/D	N/D	40.

GOBBLER'S KNOB: CRREL (cont'd)

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	11.7	22.3	N/D	N/D	N/D	N/D	N/D	N/D	17.0
AVERAGE MIN	N/D	N/D	N/D	N/D	2.9	13.4	N/D	N/D	N/D	N/D	N/D	N/D	8.1
AVERAGE	N/D	N/D	N/D	N/D	7.3	17.8	N/D	N/D	N/D	N/D	N/D	N/D	12.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.4	5.8	N/D	N/D	N/D	N/D	N/D	N/D	5.6
ABSOLUTE MAX	N/D	N/D	N/D	N/D	22.0	26.0	N/D	N/D	N/D	N/D	N/D	N/D	26.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-3.0	6.0	N/D	N/D	N/D	N/D	N/D	N/D	-3.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	219.	196.	N/D	N/D	N/D	N/D	N/D	N/D	415.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	N/D	N/D	N/D	N/D	N/D	N/D	0.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	1.	19.	N/D	N/D	N/D	N/D	N/D	N/D	20.

HAPPY VALLEY CAMP, AIRFIELD: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	15.3	21.0	18.3	29.7	5.1	-2.6	N/D	N/D	14.5
AVERAGE MIN	N/D	N/D	N/D	N/D	3.4	12.0	6.2	15.9	-3.6	-9.2	N/D	N/D	4.1
AVERAGE	N/D	N/D	N/D	N/D	9.3	16.5	12.2	22.8	0.8	-5.9	N/D	N/D	9.3
STANDARD DEVIATION	N/D	N/D	N/D	N/D	7.9	6.2	7.4	7.6	7.9	4.9	N/D	N/D	7.0
ABSOLUTE MAX	N/D	N/D	N/D	N/D	23.0	31.0	25.5	36.5	17.5	2.0	N/D	N/D	36.5
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-1.0	2.0	0.0	11.0	-14.0	-15.0	N/D	N/D	-15.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	37.	496.	379.	434.	94.	1.	N/D	N/D	1441.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	71.	125.	N/D	N/D	196.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	27.	0.	0.	12.	0.	10.	N/D	N/D	49.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	5.8	14.5	17.4	18.1	4.7	-5.2	N/D	N/D	9.2
AVERAGE MIN	N/D	N/D	N/D	N/D	-1.5	5.8	4.5	7.0	-2.2	-10.1	N/D	N/D	0.6
AVERAGE	N/D	N/D	N/D	N/D	2.1	10.2	11.0	12.6	1.3	-7.7	N/D	N/D	4.9
STANDARD DEVIATION	N/D	N/D	N/D	N/D	6.4	6.7	7.8	7.6	6.2	6.5	N/D	N/D	6.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	15.0	24.0	28.0	29.0	14.0	7.0	N/D	N/D	29.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-15.0	-8.0	-1.0	-5.0	-20.0	-20.0	N/D	N/D	-20.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	105.	306.	340.	390.	79.	12.	N/D	N/D	1232.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	39.	0.	0.	0.	40.	250.	N/D	N/D	329.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	N/D	N/D	0.

HAPPY VALLEY CAMP, AIRFIELD: CRREL (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-0.1	10.7	17.2	16.1	1.4	-12.3	N/D	N/D	5.9
AVERAGE MIN	N/D	N/D	N/D	N/D	-6.4	2.0	4.2	7.0	-5.5	-16.9	N/D	N/D	-2.6
AVERAGE	N/D	N/D	N/D	N/D	-3.3	6.3	10.7	12.6	-2.1	-14.6	N/D	N/D	1.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.2	8.5	8.0	7.6	8.1	5.8	N/D	N/D	7.2
ABSOLUTE MAX	N/D	N/D	N/D	N/D	8.0	23.0	28.0	29.0	14.0	-3.5	N/D	N/D	29.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-13.5	-10.5	-1.0	-5.0	-20.0	-26.5	N/D	N/D	-26.5
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	9.	215.	332.	390.	51.	0.	N/D	N/D	997.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	87.	25.	0.	0.	113.	293.	N/D	N/D	517.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	7.	0.	0.	0.	0.	11.	N/D	N/D	18.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	5.5	12.4	19.2	16.3	5.2	N/D	N/D	N/D	11.7
AVERAGE MIN	N/D	N/D	N/D	N/D	-4.1	2.4	8.6	7.0	-2.0	N/D	N/D	N/D	2.4
AVERAGE	N/D	N/D	N/D	N/D	0.7	7.4	13.9	11.6	1.6	N/D	N/D	N/D	7.0
STANDARD DEVIATION	N/D	N/D	N/D	N/D	6.2	6.7	6.8	6.2	5.8	N/D	N/D	N/D	6.3
ABSOLUTE MAX	N/D	N/D	N/D	N/D	15.0	23.0	27.0	24.0	14.0	N/D	N/D	N/D	27.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-10.0	-2.0	3.0	-1.0	-10.0	N/D	N/D	N/D	-10.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	51.	223.	431.	361.	57.	N/D	N/D	N/D	1121.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	30.	0.	0.	0.	23.	N/D	N/D	N/D	53.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	1.	0.	0.	0.	9.	N/D	N/D	N/D	10.

HAPPY VALLEY CAMP, AIRFIELD: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-2.7	12.1	16.5	14.0	N/D	-8.6	-19.5	-25.6	-2.0
AVERAGE MIN	N/D	N/D	N/D	N/D	-9.4	2.3	4.7	2.7	N/D	-17.5	-26.9	-34.5	-11.2
AVERAGE	N/D	N/D	N/D	N/D	-6.1	7.2	10.6	8.3	N/D	-13.0	-23.2	-30.0	-6.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.8	7.6	7.8	7.1	N/D	8.5	9.2	8.2	7.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	5.6	25.0	25.6	24.4	N/D	7.2	-1.7	-3.9	25.6
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-17.8	-4.4	-2.8	-2.2	N/D	-32.8	-40.6	-42.8	-42.8
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	1.	206.	327.	257.	N/D	0.	0.	0.	792.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	190.	4.	0.	0.	N/D	404.	697.	931.	2226.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	2.	0.	0.	N/D	0.	0.	0.	2.

HAPPY VALLEY CAMP, AIRFIELD: NWS (cont'd)

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-24.2	-24.7	-18.5	-7.4	-0.8	13.0	18.7	18.2	9.5	-8.6	-13.8	-31.8	-5.9
AVERAGE MIN	-32.9	-33.4	-29.0	-20.3	-9.4	1.8	4.9	5.0	-1.4	-17.4	-25.1	-39.5	-16.4
AVERAGE	-28.5	-29.1	-23.7	-13.9	-5.1	7.4	11.8	11.6	4.0	-13.0	-19.5	-35.6	-11.1
STANDARD DEVIATION	10.9	11.6	9.6	10.6	7.3	7.2	8.2	8.0	6.8	9.0	9.5	7.8	8.9
ABSOLUTE MAX	-2.2	-1.7	-4.4	7.8	16.7	22.2	26.1	28.3	17.8	0.6	1.1	-8.3	28.3
ABSOLUTE MIN	-50.6	-43.9	-40.0	-34.4	-18.9	-2.8	-1.7	0.0	-6.7	-31.1	-38.3	-47.8	-50.6
THAW DEGREE DAYS (C)	0.	0.	0.	0.	21.	221.	366.	360.	127.	0.	0.	0.	1095.
FREEZE DEGREE DAYS (C)	885.	843.	735.	416.	179.	0.	0.	0.	6.	402.	564.	1105.	5135.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	1.

HAYSTACK MOUNTAIN: CRREL

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	15.3	8.2	2.3	-8.7	-20.1	-24.0	-4.5
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	7.3	2.4	-2.9	-12.5	-24.8	-28.3	-9.8
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	11.3	5.3	-0.3	-10.6	-22.5	-26.2	-7.2
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	5.8	4.7	4.8	7.4	7.0	8.5	6.4
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	23.3	17.8	9.4	2.2	-10.0	-7.2	23.3
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	-1.7	-3.3	-13.3	-28.9	-36.7	-36.7	-36.7
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	350.	167.	38.	0.	0.	0.	555.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	0.	2.	47.	329.	674.	497.	1549.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	12.	12.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-17.8	-16.7	-0.9	14.0	14.0	10.6	18.4	15.1	8.9	-3.4	-1.6	-9.8	2.6
AVERAGE MIN	-22.6	-20.9	-6.7	7.7	6.5	3.8	11.1	8.5	2.6	-7.8	-6.5	-15.8	-3.3
AVERAGE	-20.2	-18.8	-3.8	10.9	10.2	7.2	14.8	11.8	5.7	-5.6	-4.0	-12.8	-0.4
STANDARD DEVIATION	7.9	5.3	8.3	3.7	5.8	4.4	6.3	4.5	4.1	6.1	5.6	7.7	5.8
ABSOLUTE MAX	-6.1	-8.9	10.6	16.1	25.6	17.2	26.7	27.2	12.8	5.6	8.9	4.4	27.2
ABSOLUTE MIN	-36.1	-30.6	-26.7	4.4	-2.2	1.1	-5.0	4.4	-2.8	-17.8	-13.9	-31.1	-36.1
THAW DEGREE DAYS (C)	0.	0.	34.	131.	317.	155.	461.	366.	172.	6.	15.	0.	1661.
FREEZE DEGREE DAYS (C)	626.	527.	145.	0.	0.	0.	3.	0.	0.	179.	136.	396.	2011.
# DAYS MISSING DATA	0.	1.	2.	18.	0.	8.	0.	0.	0.	0.	0.	0.	29.

HAYSTACK MOUNTAIN: CRREL (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-6.0	N/D	-11.7	-1.6	4.4	13.1	16.1	16.3	4.2	-4.3	-13.5	-15.6	0.1
AVERAGE MIN	-11.2	N/D	-19.0	-9.3	-2.9	5.9	8.2	8.8	-0.3	-8.5	-18.2	-19.2	-6.0
AVERAGE	-8.6	N/D	-15.4	-5.4	0.8	9.5	12.1	12.5	1.9	-6.4	-15.9	-17.4	-2.9
STANDARD DEVIATION	5.4	N/D	5.7	5.8	4.2	4.4	5.6	5.9	4.7	5.3	6.4	9.1	5.8
ABSOLUTE MAX	2.2	N/D	-2.8	8.3	8.3	18.3	25.6	26.1	11.1	4.4	-1.7	-1.1	26.1
ABSOLUTE MIN	-25.0	N/D	-27.2	-17.8	-6.1	1.7	1.7	0.6	-7.2	-15.0	-27.8	-29.4	-29.4
THAW DEGREE DAYS (C)	0.	N/D	0.	6.	13.	274.	376.	376.	76.	3.	0.	0.	1124.
FREEZE DEGREE DAYS (C)	266.	N/D	430.	147.	4.	0.	0.	0.	22.	201.	477.	521.	2068.
# DAYS MISSING DATA	0.	N/D	3.	4.	19.	1.	0.	1.	2.	0.	0.	1.	31.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-6.9	-9.7	-7.5	0.1	N/D	10.2	17.5	13.7	5.9	-5.2	-7.5	-11.6	-0.1
AVERAGE MIN	-10.5	-14.3	-13.7	-6.7	N/D	3.9	8.9	7.0	0.4	-9.5	-12.2	-16.2	-5.7
AVERAGE	-8.7	-12.0	-10.6	-3.3	N/D	7.0	13.2	10.3	3.2	-7.4	-9.8	-13.9	-2.9
STANDARD DEVIATION	3.4	9.8	6.0	7.0	N/D	4.4	5.2	5.0	5.9	4.0	4.1	5.6	5.5
ABSOLUTE MAX	-2.2	0.6	-0.6	9.4	N/D	16.1	25.6	20.6	16.7	1.1	-2.2	-4.4	25.6
ABSOLUTE MIN	-17.8	-31.1	-22.2	-22.2	N/D	0.0	5.6	2.8	-7.8	-15.0	-17.8	-23.9	-31.1
THAW DEGREE DAYS (C)	0.	0.	0.	21.	N/D	211.	410.	321.	122.	0.	0.	0.	1085.
FREEZE DEGREE DAYS (C)	270.	156.	330.	120.	N/D	0.	0.	0.	27.	229.	295.	375.	1801.
# DAYS MISSING DATA	0.	15.	0.	0.	N/D	0.	0.	0.	0.	0.	0.	4.	19.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-10.3	-17.5	-8.9	-1.4	11.3	14.0	N/D	13.6	8.4	0.7	-2.8	-14.4	-0.7
AVERAGE MIN	-14.2	-22.1	-15.1	-8.6	2.9	6.5	N/D	6.3	1.2	-3.9	-7.8	-19.7	-6.7
AVERAGE	-12.2	-19.8	-12.0	-5.0	7.1	10.3	N/D	9.9	4.8	-1.6	-5.3	-17.0	-3.7
STANDARD DEVIATION	4.6	6.1	6.4	7.4	5.7	5.6	N/D	5.7	5.3	5.3	4.5	6.6	5.7
ABSOLUTE MAX	-2.2	-6.1	0.6	13.3	16.7	20.6	N/D	22.2	16.1	10.6	4.4	-2.8	22.2
ABSOLUTE MIN	-21.1	-31.1	-27.8	-20.0	-8.9	1.7	N/D	1.7	-6.1	-10.0	-13.3	-26.7	-31.1
THAW DEGREE DAYS (C)	0.	0.	0.	23.	220.	164.	N/D	169.	151.	41.	2.	0.	770.
FREEZE DEGREE DAYS (C)	331.	554.	371.	172.	7.	0.	N/D	0.	6.	89.	156.	273.	1958.
# DAYS MISSING DATA	4.	0.	0.	0.	1.	14.	N/D	14.	0.	0.	1.	15.	49.

INDIAN MOUNTAIN: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	17.9	21.7	16.0	7.1	-3.7	-16.1	-20.0	3.3
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	7.5	9.6	7.4	0.1	-11.0	-23.6	-26.2	-5.2
AVERAGE	N/D	N/D	N/D	N/D	N/D	12.7	15.6	11.7	3.6	-7.4	-19.9	-23.1	-0.9
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	5.8	7.1	6.9	5.4	8.8	8.6	11.2	7.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	21.7	28.3	24.4	15.6	8.3	-1.7	-7.8	28.3
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	3.3	1.7	2.2	-7.8	-31.7	-33.3	-42.2	-42.2
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	381.	485.	369.	125.	6.	0.	0.	1367.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	6.	17.	235.	536.	623.	1417.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	3.	4.	7.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-18.2	-19.6	-8.9	2.0	11.1	18.3	19.2	19.9	10.9	-3.1	-6.3	-14.7	0.9
AVERAGE MIN	-23.6	-29.0	-17.7	-7.7	1.2	8.1	8.7	8.4	1.9	-9.7	-13.4	-21.1	-7.8
AVERAGE	-20.9	-24.3	-13.3	-2.9	6.2	13.2	13.9	14.1	6.4	-6.4	-9.8	-17.9	-3.5
STANDARD DEVIATION	7.7	11.3	6.9	7.2	5.8	6.3	7.1	6.6	5.3	6.9	6.6	6.1	7.0
ABSOLUTE MAX	-4.4	-2.2	-0.6	13.9	18.9	26.7	28.9	27.8	17.8	5.6	2.2	-6.7	28.9
ABSOLUTE MIN	-36.7	-43.3	-31.1	-22.2	-3.3	0.6	-0.6	4.4	-3.3	-21.7	-24.4	-35.6	-43.3
THAW DEGREE DAYS (C)	0.	0.	0.	18.	191.	395.	432.	438.	191.	1.	1.	0.	1667.
FREEZE DEGREE DAYS (C)	564.	704.	412.	104.	0.	0.	0.	0.	0.	193.	296.	555.	2828.
# DAYS MISSING DATA	4.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	0.	5.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-9.4	-8.8	-14.5	-3.9	10.4	19.9	23.2	21.1	9.4	-2.1	N/D	N/D	4.5
AVERAGE MIN	-14.7	-16.9	-24.7	-16.4	1.1	8.2	9.5	9.3	1.9	-8.2	N/D	N/D	-5.1
AVERAGE	-12.1	-12.8	-19.6	-10.2	5.8	14.1	16.4	15.2	5.7	-5.2	N/D	N/D	-0.3
STANDARD DEVIATION	5.8	7.4	9.2	9.6	6.0	6.3	7.6	7.0	5.4	6.1	N/D	N/D	7.0
ABSOLUTE MAX	-0.6	2.2	1.7	6.7	20.6	23.3	29.4	28.3	18.3	8.3	N/D	N/D	29.4
ABSOLUTE MIN	-24.4	-28.9	-38.9	-27.8	-4.4	3.3	5.6	-1.1	-6.1	-18.9	N/D	N/D	-38.9
THAW DEGREE DAYS (C)	0.	0.	0.	9.	174.	422.	507.	471.	171.	6.	N/D	N/D	1759.
FREEZE DEGREE DAYS (C)	362.	359.	607.	314.	0.	0.	0.	0.	1.	166.	N/D	N/D	1809.
# DAYS MISSING DATA	1.	0.	0.	0.	1.	0.	0.	0.	0.	0.	N/D	N/D	2.

INDIAN MOUNTAIN: NWS (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	11.4	-5.1	-6.7	-13.5	-3.4
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	2.0	-10.5	-15.1	-21.0	-11.1
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	6.7	-7.8	-10.9	-17.3	-7.3
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	7.2	4.6	7.0	9.4	7.1
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	22.8	0.0	1.7	-1.1	22.8
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-8.9	-20.0	-25.0	-36.1	-36.1
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	202.	0.	0.	0.	202.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	6.	241.	326.	535.	1109.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	1.	0.	0.	0.	1.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-11.6	-21.0	-8.9	-0.9	15.1	17.7	19.3	18.9	9.8	0.8	-4.1	-20.8	1.2
AVERAGE MIN	-18.1	-30.7	-16.6	-8.6	3.4	6.8	9.0	8.8	0.1	-3.7	-11.3	-28.9	-7.5
AVERAGE	-14.8	-25.8	-12.8	-4.8	9.2	12.2	14.2	13.8	5.0	-1.4	-7.7	-24.8	-3.1
STANDARD DEVIATION	7.9	7.7	7.4	8.1	6.3	6.5	6.5	6.2	6.5	5.0	6.3	8.9	6.9
ABSOLUTE MAX	-3.9	-9.4	2.2	12.2	20.6	23.3	26.1	27.8	17.8	12.8	3.3	-3.3	27.8
ABSOLUTE MIN	-34.4	-40.0	-26.7	-23.3	0.0	0.6	3.9	1.7	-11.1	-12.8	-22.2	-41.1	-41.1
THAW DEGREE DAYS (C)	0.	0.	0.	28.	286.	367.	439.	429.	157.	38.	2.	0.	1746.
FREEZE DEGREE DAYS (C)	460.	672.	396.	172.	0.	0.	0.	0.	8.	83.	233.	770.	2792.
# DAYS MISSING DATA	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.

LIVENGOOD CAMP: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	22.1	25.2	19.1	10.5	-1.8	-18.5	N/D	9.4
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	7.1	6.8	6.1	-0.1	-9.5	-24.7	N/D	-2.4
AVERAGE	N/D	N/D	N/D	N/D	N/D	14.6	16.0	12.6	5.2	-5.6	-21.6	N/D	3.5
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	8.0	10.0	7.5	7.1	8.1	6.8	N/D	7.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	28.3	31.1	28.9	16.1	8.3	-3.9	N/D	31.1
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	1.7	-1.1	-0.6	-13.3	-31.7	-35.6	N/D	-35.6
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	437.	496.	389.	172.	9.	0.	N/D	1503.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	16.	184.	647.	N/D	847.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	N/D	0.

LIVENGOOD CAMP: NWS (cont'd)

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-22.9	-19.3	-6.5	7.4	13.9	21.7	22.9	22.4	15.0	-2.5	-7.9	N/D	4.0
AVERAGE MIN	-27.7	-30.4	-18.7	-6.3	1.6	7.3	7.4	6.2	-0.3	-9.6	-13.9	N/D	-7.7
AVERAGE	-25.3	-24.8	-12.6	0.5	7.8	14.5	15.2	14.3	7.3	-6.0	-10.9	N/D	-1.8
STANDARD DEVIATION	6.7	10.7	7.3	8.7	6.6	7.8	8.5	9.2	8.2	7.2	5.7	N/D	7.9
ABSOLUTE MAX	-8.3	0.6	-0.6	15.0	18.3	28.3	29.4	29.4	20.6	6.1	-1.1	N/D	29.4
ABSOLUTE MIN	-42.2	-45.6	-27.8	-21.7	-2.2	2.8	2.2	-1.7	-7.8	-23.3	-25.0	N/D	-45.6
THAW DEGREE DAYS (C)	0.	0.	0.	65.	241.	435.	470.	444.	220.	2.	0.	N/D	1877.
FREEZE DEGREE DAYS (C)	758.	720.	391.	49.	0.	0.	0.	0.	0.	190.	306.	N/D	2414.
# DAYS MISSING DATA	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	N/D	3.

LONELY [illegible]P, AIRFIELD: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-3.9	4.8	7.4	6.3	-0.2	N/D	N/D	N/D	2.9
AVERAGE MIN	N/D	N/D	N/D	N/D	-10.8	-0.7	0.7	-0.5	-6.2	N/D	N/D	N/D	-3.5
AVERAGE	N/D	N/D	N/D	N/D	-7.3	2.0	4.1	2.9	-3.2	N/D	N/D	N/D	-0.3
STANDARD DEVIATION	N/D	N/D	N/D	N/D	4.9	4.3	5.3	5.1	6.4	N/D	N/D	N/D	5.2
ABSOLUTE MAX	N/D	N/D	N/D	N/D	1.7	17.8	23.9	20.6	11.1	N/D	N/D	N/D	23.9
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-16.7	-6.7	-2.8	-2.8	-17.8	N/D	N/D	N/D	-17.8
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	67.	126.	92.	26.	N/D	N/D	N/D	312.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	227.	6.	1.	2.	122.	N/D	N/D	N/D	358.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	N/D	N/D	N/D	0.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-4.2	5.9	9.1	9.5	3.1	N/D	N/D	N/D	4.7
AVERAGE MIN	N/D	N/D	N/D	N/D	-10.1	-2.0	0.6	0.1	-2.4	N/D	N/D	N/D	-2.8
AVERAGE	N/D	N/D	N/D	N/D	-7.1	1.9	4.8	4.8	0.3	N/D	N/D	N/D	1.0
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.6	5.2	6.2	5.8	3.7	N/D	N/D	N/D	5.3
ABSOLUTE MAX	N/D	N/D	N/D	N/D	6.1	16.1	20.0	16.7	10.0	N/D	N/D	N/D	20.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-19.4	-5.0	-3.9	-2.8	-10.6	N/D	N/D	N/D	-19.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	2.	67.	150.	148.	31.	N/D	N/D	N/D	399.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	223.	9.	0.	0.	21.	N/D	N/D	N/D	253.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	N/D	N/D	N/D	0.

LONELY CAMP, AIRFIELD: NWS (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-1.5	6.8	4.0	6.6	2.5	N/D	N/D	N/D	3.7
AVERAGE MIN	N/D	N/D	N/D	N/D	-5.6	3.3	0.1	1.4	-2.5	N/D	N/D	N/D	-0.7
AVERAGE	N/D	N/D	N/D	N/D	-3.5	5.0	2.1	4.0	-0.0	N/D	N/D	N/D	1.5
STANDARD DEVIATION	N/D	N/D	N/D	N/D	4.9	3.5	3.2	4.6	4.0	N/D	N/D	N/D	4.0
ABSOLUTE MAX	N/D	N/D	N/D	N/D	7.8	16.1	11.7	22.2	9.4	N/D	N/D	N/D	22.2
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-16.1	-2.8	-1.7	-3.3	-10.0	N/D	N/D	N/D	-16.1
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	15.	147.	66.	126.	30.	N/D	N/D	N/D	384.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	125.	1.	2.	3.	31.	N/D	N/D	N/D	162.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	1.	0.	0.	1.	N/D	N/D	N/D	2.

1978

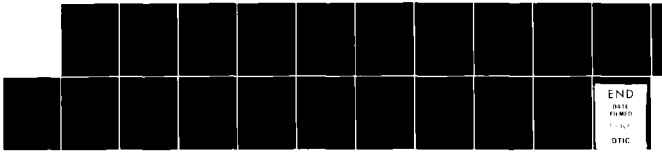
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-16.6	-21.9	-18.2	-12.0	-5.1	4.0	7.9	6.7	3.2	-11.3	N/D	N/D	-6.3
AVERAGE MIN	-24.2	-28.8	-28.5	-22.0	-11.2	-1.1	1.9	0.3	-0.9	-16.1	N/D	N/D	-13.1
AVERAGE	-20.4	-25.4	-23.4	-17.0	-8.1	1.4	4.9	3.5	1.2	-13.7	N/D	N/D	-9.7
STANDARD DEVIATION	5.5	8.5	7.3	9.6	4.3	4.2	5.3	5.5	4.0	6.3	N/D	N/D	6.0
ABSOLUTE MAX	-10.6	-10.0	-11.1	6.1	3.5	14.4	21.7	18.3	13.3	-3.9	N/D	N/D	21.7
ABSOLUTE MIN	-30.6	-45.0	-36.7	-33.3	-16.1	-5.0	-1.1	-3.3	-8.3	-26.1	N/D	N/D	-45.0
THAW DEGREE DAYS (C)	0.	0.	0.	0.	0.	58.	152.	113.	56.	0.	N/D	N/D	379.
FREEZE DEGREE DAYS (C)	632.	710.	724.	510.	252.	15.	0.	5.	21.	424.	N/D	N/D	3294.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	N/D	N/D	0.

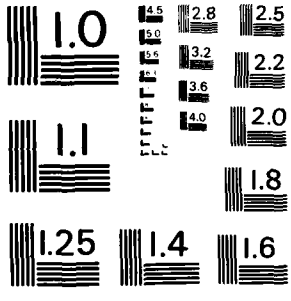
1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-16.2	-27.0	-25.7	-13.8	-3.2	3.3	12.2	9.1	2.5	N/D	-10.6	-24.3	-8.[illegible]
AVERAGE MIN	-23.0	-35.5	-31.7	-21.5	-8.2	-1.3	2.4	3.3	-0.6	N/D	-17.4	-31.2	-15.[illegible]
AVERAGE	-19.6	-31.2	-28.7	-17.6	-5.7	1.0	7.3	6.2	0.9	N/D	-14.0	-27.8	-11.[illegible]
STANDARD DEVIATION	7.6	7.5	6.1	10.9	5.0	3.6	6.4	4.9	2.5	N/D	7.8	8.2	6.[illegible]
ABSOLUTE MAX	-5.0	-14.4	-10.0	3.9	7.2	14.4	22.8	20.6	10.0	N/D	-0.6	-7.8	22.[illegible]
ABSOLUTE MIN	-40.6	-44.4	-41.1	-32.8	-16.7	-4.4	-1.1	-0.6	-4.4	N/D	-30.6	-42.2	-44.[illegible]
THAW DEGREE DAYS (C)	0.	0.	0.	0.	9.	40.	226.	191.	36.	N/D	0.	0.	502.
FREEZE DEGREE DAYS (C)	569.	874.	889.	529.	186.	11.	0.	0.	8.	N/D	419.	861.	4346.
# DAYS MISSING DATA	2.	0.	0.	0.	0.	0.	0.	0.	0.	N/D	0.	0.	2.

AD-A123 719 CLIMATE OF REMOTE AREAS IN NORTH-CENTRAL ALASKA: 1978-1979 SUMMARY(U) COLD REGIONS RESEARCH AND ENGINEERING LAB HANOVER NH R K HAUGEN NOV 82 2/2

UNCLASSIFIED CRREL-82-35 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

OLD MAN CAMP, AIRFIELD: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	11.4	16.9	19.8	18.0	5.8	-2.8	N/D	N/D	11.5
AVERAGE MIN	N/D	N/D	N/D	N/D	3.0	6.0	5.9	4.1	-3.9	-7.0	N/D	N/D	1.3
AVERAGE	N/D	N/D	N/D	N/D	7.2	11.4	12.8	11.0	0.9	-4.9	N/D	N/D	6.4
STANDARD DEVIATION	N/D	N/D	N/D	N/D	4.9	6.3	8.0	7.7	5.8	4.0	N/D	N/D	6.1
ABSOLUTE MAX	N/D	N/D	N/D	N/D	15.0	24.0	28.0	26.0	12.0	3.0	N/D	N/D	28.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	0.0	2.0	1.0	-1.5	-9.0	-15.0	N/D	N/D	-15.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	51.	343.	398.	342.	47.	1.	N/D	N/D	1182.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	19.	113.	N/D	N/D	132.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	24.	0.	0.	0.	0.	8.	N/D	N/D	32.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	9.6	18.9	21.5	19.5	7.9	-2.8	N/D	N/D	12.4
AVERAGE MIN	N/D	N/D	N/D	N/D	0.7	7.4	7.0	6.8	0.5	-8.4	N/D	N/D	2.3
AVERAGE	N/D	N/D	N/D	N/D	5.2	13.1	14.2	13.2	4.2	-5.6	N/D	N/D	7.4
STANDARD DEVIATION	N/D	N/D	N/D	N/D	6.2	6.4	7.8	7.8	5.3	6.0	N/D	N/D	6.6
ABSOLUTE MAX	N/D	N/D	N/D	N/D	19.0	22.0	28.5	27.0	16.5	4.5	N/D	N/D	28.5
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-6.0	2.0	3.0	-4.0	-5.0	-20.0	N/D	N/D	-20.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	165.	395.	442.	408.	130.	6.	N/D	N/D	1545.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	4.	0.	0.	0.	4.	179.	N/D	N/D	187.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	N/D	N/D	0.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	-11.5	0.5	10.3	14.2	22.6	18.6	12.1	-3.0	N/D	N/D	8.0
AVERAGE MIN	N/D	N/D	-18.5	-9.9	-1.2	3.9	7.5	5.1	2.0	-8.4	N/D	N/D	-2.4
AVERAGE	N/D	N/D	-15.0	-4.7	4.5	9.0	15.0	11.8	7.1	-5.7	N/D	N/D	2.8
STANDARD DEVIATION	N/D	N/D	3.5	8.0	6.4	5.6	8.2	7.4	6.5	5.3	N/D	N/D	6.4
ABSOLUTE MAX	N/D	N/D	-11.0	10.0	17.0	19.0	27.0	22.0	22.5	-2.0	N/D	N/D	27.0
ABSOLUTE MIN	N/D	N/D	-19.0	-22.0	-7.0	-1.0	3.0	-0.5	-4.0	-21.0	N/D	N/D	-22.0
THAW DEGREE DAYS (C)	N/D	N/D	0.	6.	141.	272.	467.	308.	212.	0.	N/D	N/D	1485.
FREEZE DEGREE DAYS (C)	N/D	N/D	30.	147.	0.	0.	0.	0.	0.	29.	N/D	N/D	206.
# DAYS MISSING DATA	N/D	N/D	29.	0.	0.	0.	0.	5.	0.	26.	N/D	N/D	60.

OLD MAN CAMP, AIRFIELD: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	18.7	22.0	16.0	7.1	-4.6	-17.3	-22.7	2.7
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	5.4	6.5	2.5	-1.3	-12.1	-26.9	-32.3	-8.3
AVERAGE	N/D	N/D	N/D	N/D	N/D	12.1	14.3	9.3	2.9	-8.3	-22.1	-27.5	-2.8
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	7.1	8.8	7.7	5.8	9.9	9.7	13.4	8.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	22.8	28.9	25.6	14.4	7.2	-3.9	-5.6	28.9
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	0.6	-3.3	-4.4	-9.4	-38.3	-38.3	-49.4	-49.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	362.	442.	287.	103.	10.	0.	0.	1204.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	16.	268.	662.	853.	1800.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	0.	0.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-18.8	-23.1	-10.9	1.7	10.9	18.3	19.9	19.7	10.6	-3.7	-5.7	N/D	1.7
AVERAGE MIN	-26.8	-32.4	-22.4	-9.6	-0.6	6.2	5.6	4.5	0.6	-10.4	-14.6	N/D	-9.1
AVERAGE	-22.8	-27.8	-16.6	-3.9	5.2	12.2	12.8	12.1	5.6	-7.0	-10.2	N/D	-3.7
STANDARD DEVIATION	8.1	11.9	8.0	7.9	6.3	7.1	8.1	8.5	6.1	7.2	8.1	N/D	7.9
ABSOLUTE MAX	-5.6	-5.6	-4.4	10.6	17.2	25.0	27.2	26.7	15.6	4.4	3.9	N/D	27.2
ABSOLUTE MIN	-41.7	-51.7	-39.4	-26.7	-5.0	0.6	-1.1	-2.2	-5.6	-27.8	-30.6	N/D	-51.7
THAW DEGREE DAYS (C)	0.	0.	0.	16.	161.	367.	397.	376.	167.	3.	1.	N/D	1487.
FREEZE DEGREE DAYS (C)	707.	805.	515.	135.	1.	0.	0.	0.	0.	221.	224.	N/D	2608.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.	N/D	8.

PROSPECT CREEK, AIRFIELD: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	7.4	15.2	18.5	19.0	11.4	N/D	N/D	N/D	14.3
AVERAGE MIN	N/D	N/D	N/D	N/D	0.4	5.5	7.5	7.4	1.3	N/D	N/D	N/D	4.4
AVERAGE	N/D	N/D	N/D	N/D	3.9	10.3	13.0	13.2	6.4	N/D	N/D	N/D	9.4
STANDARD DEVIATION	N/D	N/D	N/D	N/D	3.8	5.8	6.8	6.5	5.8	N/D	N/D	N/D	5.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	9.5	22.0	27.0	25.0	15.5	N/D	N/D	N/D	27.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-2.0	-0.5	1.5	3.0	-2.0	N/D	N/D	N/D	-2.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	24.	310.	404.	409.	45.	N/D	N/D	N/D	1192.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	N/D	N/D	N/D	0.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	25.	0.	0.	0.	23.	N/D	N/D	N/D	48.

PROSPECT CREEK, AIRFIELD: CRREL (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	8.5	19.2	23.6	21.6	10.8	1.7	N/D	N/D	14.2
AVERAGE MIN	N/D	N/D	N/D	N/D	0.4	7.8	10.0	10.1	4.1	-3.8	N/D	N/D	4.8
AVERAGE	N/D	N/D	N/D	N/D	4.5	13.5	16.8	15.9	7.4	-1.0	N/D	N/D	9.5
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.2	6.5	7.6	7.5	4.9	4.8	N/D	N/D	6.1
ABSOLUTE MAX	N/D	N/D	N/D	N/D	17.0	23.0	31.0	32.0	19.0	9.0	N/D	N/D	32.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-4.0	0.0	5.0	-1.0	-2.0	-12.5	N/D	N/D	-12.5
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	90.	405.	522.	492.	223.	34.	N/D	N/D	1765.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	66.	N/D	N/D	66.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	11.	0.	0.	0.	0.	0.	N/D	N/D	11.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	-3.0	-7.2	2.8	13.2	15.8	21.4	18.4	10.5	-4.1	-9.0	N/D	5.9
AVERAGE MIN	N/D	-15.0	-18.0	-6.9	2.1	6.8	8.9	6.6	0.4	-11.6	-15.5	N/D	-4.2
AVERAGE	N/D	-9.0	-12.6	-2.0	7.6	11.3	15.1	12.5	5.5	-7.9	-12.3	N/D	0.8
STANDARD DEVIATION	N/D	6.0	6.3	8.0	6.1	5.0	6.8	6.6	7.2	5.7	3.5	N/D	6.1
ABSOLUTE MAX	N/D	-3.0	-2.0	11.0	21.0	21.0	26.0	23.0	22.0	3.0	-8.0	N/D	26.0
ABSOLUTE MIN	N/D	-15.0	-23.0	-21.0	0.0	4.0	4.0	0.5	-10.5	-20.0	-17.0	N/D	-23.0
THAW DEGREE DAYS (C)	N/D	0.	0.	43.	237.	339.	469.	388.	173.	0.	0.	N/D	1649.
FREEZE DEGREE DAYS (C)	N/D	9.	390.	104.	0.	0.	0.	0.	9.	244.	25.	N/D	780.
# DAYS MISSING DATA	N/D	27.	0.	0.	0.	0.	0.	0.	0.	0.	28.	N/D	55.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	14.1	18.0	20.3	19.8	11.1	N/D	N/D	N/D	16.7
AVERAGE MIN	N/D	N/D	N/D	N/D	2.1	8.6	9.8	9.1	0.9	N/D	N/D	N/D	6.1
AVERAGE	N/D	N/D	N/D	N/D	8.1	13.3	15.1	14.5	6.0	N/D	N/D	N/D	11.4
STANDARD DEVIATION	N/D	N/D	N/D	N/D	6.3	6.0	6.4	6.1	7.0	N/D	N/D	N/D	6.4
ABSOLUTE MAX	N/D	N/D	N/D	N/D	20.0	24.0	26.0	25.0	19.0	N/D	N/D	N/D	26.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-1.0	4.0	6.0	5.0	-9.0	N/D	N/D	N/D	-9.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	252.	400.	467.	391.	157.	N/D	N/D	N/D	1666.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	7.	N/D	N/D	N/D	7.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	4.	5.	N/D	N/D	N/D	9.

PROSPECT CREEK, AIRFIELD: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	12.3	18.8	21.7	16.7	6.9	-3.5	-17.6	-23.4	4.0
AVERAGE MIN	N/D	N/D	N/D	N/D	1.2	5.9	9.5	5.7	-0.6	-11.7	-25.4	-30.6	-5.9
AVERAGE	N/D	N/D	N/D	N/D	6.7	12.3	15.6	11.2	3.2	-7.6	-22.0	-27.0	-0.9
STANDARD DEVIATION	N/D	N/D	N/D	N/D	7.3	7.1	7.5	6.8	5.7	9.9	8.8	12.4	8.2
ABSOLUTE MAX	N/D	N/D	N/D	N/D	19.4	22.8	27.8	25.0	13.9	6.7	-3.3	-2.8	27.8
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-9.4	-0.6	-0.6	-1.1	-11.7	-36.1	-36.1	-45.0	-45.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	216.	370.	484.	348.	114.	9.	0.	0.	1541.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	7.	0.	0.	0.	20.	244.	660.	837.	1767.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	0.	0.	0.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-19.4	-20.6	-8.3	3.9	11.3	18.7	20.4	20.5	11.8	-2.6	-4.3	-15.1	1.3
AVERAGE MIN	-26.7	-31.0	-19.2	-8.6	0.8	8.6	8.6	5.8	-0.8	-10.5	-14.9	-25.1	-9.4
AVERAGE	-23.0	-25.8	-13.8	-2.3	6.0	13.6	14.5	13.1	5.5	-6.5	-9.9	-20.1	-4.1
STANDARD DEVIATION	9.4	13.3	8.0	8.7	5.9	6.2	7.0	8.0	7.4	7.9	9.1	8.0	8.2
ABSOLUTE MAX	-2.2	-1.1	-2.8	12.2	18.3	25.0	28.3	28.3	16.1	5.6	7.8	-3.3	28.3
ABSOLUTE MIN	-41.7	-48.3	-33.9	-27.8	-4.4	0.0	1.1	0.6	-17.6	-29.4	-29.4	-40.6	-48.3
THAW DEGREE DAYS (C)	0.	0.	0.	36.	187.	409.	450.	407.	166.	6.	3.	0.	1664.
FREEZE DEGREE DAYS (C)	714.	747.	427.	106.	0.	0.	0.	0.	2.	208.	300.	623.	3126.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-8.5	-7.6	-11.5	-2.1	11.3	19.4	22.7	21.6	10.1	-1.7	-17.3	-22.8	1.1
AVERAGE MIN	-17.3	-18.5	-26.1	-15.4	-0.5	5.8	6.9	5.9	-2.0	-12.2	-26.5	-28.8	-10.7
AVERAGE	-12.9	-13.0	-18.8	-8.8	5.4	12.6	14.8	13.8	4.0	-6.9	-21.9	-25.8	-4.8
STANDARD DEVIATION	8.5	9.9	10.1	10.0	7.2	7.1	8.6	9.5	7.3	8.0	7.7	14.6	9.0
ABSOLUTE MAX	-0.6	3.9	-2.8	6.7	19.4	21.7	30.0	30.6	18.3	6.7	-6.7	0.0	30.6
ABSOLUTE MIN	-39.4	-40.6	-39.4	-31.7	-12.2	1.1	1.7	-8.3	-11.7	-29.4	-37.8	-43.9	-43.9
THAW DEGREE DAYS (C)	0.	0.	0.	12.	173.	377.	458.	427.	131.	3.	0.	0.	1582.
FREEZE DEGREE DAYS (C)	400.	364.	582.	275.	5.	0.	0.	0.	10.	218.	658.	801.	3313.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PROSPECT CREEK, AIRFIELD: NWS (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-10.2	-12.0	-6.7	2.0	12.3	15.9	21.4	19.4	12.6	-4.7	-9.3	-14.2	2.2
AVERAGE MIN	-18.9	-22.9	-20.6	-10.2	-1.3	5.1	7.7	4.1	-0.3	-14.3	-19.3	-24.1	-9.6
AVERAGE	-14.5	-17.4	-13.7	-4.1	5.5	10.5	14.6	11.8	6.1	-9.5	-14.3	-19.1	-3.7
STANDARD DEVIATION	7.4	11.9	8.3	9.4	7.4	6.1	7.5	8.3	8.7	7.0	8.7	10.6	8.4
ABSOLUTE MAX	-2.2	0.6	0.0	10.0	20.0	21.7	26.1	25.6	22.8	0.6	0.0	-1.7	26.1
ABSOLUTE MIN	-31.7	-43.3	-30.6	-26.7	-6.7	1.1	2.8	-3.9	-13.9	-24.4	-34.4	-42.8	-43.3
THAW DEGREE DAYS (C)	0.	0.	0.	17.	171.	315.	451.	365.	192.	0.	0.	0.	1511.
FREEZE DEGREE DAYS (C)	450.	488.	424.	141.	0.	0.	0.	0.	8.	294.	429.	592.	2826.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-12.7	-17.4	-8.1	-0.4	14.4	17.2	19.6	18.9	9.8	0.9	-4.1	-24.5	1.1
AVERAGE MIN	-22.9	-31.4	-21.3	-12.8	1.1	5.7	7.1	6.9	-1.8	-6.8	-13.0	-33.5	-10.2
AVERAGE	-17.8	-24.4	-14.7	-6.6	7.8	11.4	13.4	12.9	4.0	-2.9	-8.6	-28.9	-4.5
STANDARD DEVIATION	9.3	9.5	9.8	10.0	7.1	7.1	7.4	7.0	8.3	6.5	7.3	11.1	8.4
ABSOLUTE MAX	-1.7	-3.9	0.0	13.3	17.8	22.8	25.0	24.4	18.3	10.0	4.4	-2.8	25.0
ABSOLUTE MIN	-38.3	-40.6	-33.9	-28.3	-3.9	-3.9	2.8	-2.2	-13.9	-17.8	-26.1	-45.0	-45.0
THAW DEGREE DAYS (C)	0.	0.	0.	16.	240.	343.	414.	387.	147.	32.	1.	0.	1580.
FREEZE DEGREE DAYS (C)	552.	684.	456.	213.	0.	0.	0.	0.	27.	124.	258.	895.	3209.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	1.

PRUDHOE BAY, ARCO AIRFIELD: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-31.9	N/D	-19.5	-14.3	-4.2	5.9	9.8	7.0	-0.5	-12.0	-24.7	-29.8	-10.4
AVERAGE MIN	-37.4	N/D	-28.0	-24.7	-8.6	1.1	3.9	1.8	-4.6	-15.4	-27.9	-33.7	-15.8
AVERAGE	-34.7	N/D	-23.7	-19.5	-6.4	3.5	6.8	4.4	-2.5	-13.7	-26.3	-31.7	-13.1
STANDARD DEVIATION	7.3	N/D	6.9	8.3	3.9	4.9	6.2	4.4	5.5	7.3	6.1	6.5	6.1
ABSOLUTE MAX	-17.8	N/D	-7.2	0.6	0.6	19.4	27.8	17.8	11.1	1.1	-7.2	-15.6	27.8
ABSOLUTE MIN	-48.3	N/D	-35.0	-36.1	-17.2	-3.3	-1.1	-1.1	-13.3	-32.2	-36.7	-42.2	-48.3
THAW DEGREE DAYS (C)	0.	N/D	0.	0.	0.	109.	191.	137.	26.	0.	0.	0.	464.
FREEZE DEGREE DAYS (C)	1074.	N/D	736.	585.	191.	4.	0.	0.	101.	425.	789.	984.	4889.
# DAYS MISSING DATA	0.	N/D	0.	0.	1.	0.	3.	0.	0.	0.	0.	0.	4.

PRUDHOE BAY, ARCO AIRFIELD: NWS (cont'd)

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-27.5	-27.7	-24.8	-10.9	-2.9	6.9	10.4	10.4	4.3	-6.7	-12.9	-27.1	-9.0
AVERAGE MIN	-34.1	-36.1	-33.2	-22.0	-8.9	-0.6	3.1	2.8	-1.0	-13.2	-20.2	-33.5	-16.4
AVERAGE	-30.8	-31.9	-29.0	-16.5	-5.9	3.2	6.8	6.6	1.6	-10.0	-16.6	-30.3	-12.7
STANDARD DEVIATION	7.5	9.3	5.2	7.8	5.1	6.1	5.7	5.2	4.0	7.3	7.1	6.7	6.4
ABSOLUTE MAX	-11.1	-6.1	-19.4	0.6	3.9	20.0	23.3	19.4	15.6	-0.6	-5.0	-17.8	23.3
ABSOLUTE MIN	-49.4	-44.4	-39.4	-33.3	-15.0	-5.0	-1.1	-2.8	-3.9	-27.8	-32.8	-42.8	-49.4
THAW DEGREE DAYS (C)	0.	0.	0.	0.	1.	39.	210.	205.	55.	0.	0.	0.	570.
FREEZE DEGREE DAYS (C)	955.	894.	812.	494.	184.	4.	0.	0.	5.	309.	497.	939.	5091.
# DAYS MISSING DATA	0.	1.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-20.4	-24.4	-26.7	-13.9	-2.6	6.6	9.2	12.5	5.8	-2.6	-17.9	-19.0	-7.8
AVERAGE MIN	-25.8	-31.5	-36.8	-24.5	-8.4	0.9	1.7	3.8	-0.8	-6.8	-25.0	-27.8	-15.1
AVERAGE	-23.1	-28.0	-31.8	-19.2	-5.5	3.7	5.4	8.2	2.5	-4.7	-21.4	-23.4	-11.4
STANDARD DEVIATION	6.8	9.2	6.6	9.6	4.7	4.7	5.5	5.8	5.6	5.0	6.8	9.3	6.6
ABSOLUTE MAX	-10.6	-13.9	-19.4	0.0	5.0	21.1	23.9	21.1	17.2	8.3	-10.6	-1.1	23.9
ABSOLUTE MIN	-39.4	-46.7	-42.8	-37.2	-16.7	-2.8	-1.1	-2.8	-9.4	-20.6	-36.7	-37.2	-46.7
THAW DEGREE DAYS (C)	0.	0.	0.	0.	1.	112.	168.	254.	93.	11.	0.	0.	640.
FREEZE DEGREE DAYS (C)	716.	784.	985.	575.	171.	0.	0.	0.	18.	157.	643.	725.	4774.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-17.1	-23.0	-20.4	-10.7	-4.2	5.8	12.7	9.8	5.6	-10.9	-10.6	-20.3	-7.0
AVERAGE MIN	-23.2	-29.0	-29.8	-22.2	-11.1	-0.2	4.0	0.6	-0.3	-14.9	-18.9	-26.3	-14.3
AVERAGE	-20.1	-26.0	-25.1	-16.5	-7.6	2.8	8.4	5.2	2.6	-12.9	-14.8	-23.3	-10.6
STANDARD DEVIATION	5.7	8.1	6.7	10.5	4.8	4.6	6.3	7.4	4.8	6.4	8.0	8.5	6.8
ABSOLUTE MAX	-8.9	-7.2	-15.0	2.8	5.0	15.0	25.6	23.3	16.1	-2.2	0.6	-9.4	25.6
ABSOLUTE MIN	-32.8	-44.4	-37.8	-38.9	-16.1	-3.3	-1.1	-3.9	-7.8	-26.1	-31.1	-38.3	-44.4
THAW DEGREE DAYS (C)	0.	0.	0.	0.	1.	89.	259.	166.	90.	0.	0.	0.	606.
FREEZE DEGREE DAYS (C)	624.	728.	778.	494.	238.	4.	0.	5.	11.	400.	443.	723.	4450.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRUDHOE BAY, ARCO AIRFIELD: NWS (cont'd)

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-15.8	N/D	-24.2	-11.9	-1.3	6.4	14.6	13.5	4.3	-4.9	-9.6	-24.2	-4.8
AVERAGE MIN	-21.5	N/D	-32.4	-20.2	-5.5	0.0	5.7	5.1	-0.3	-8.0	-16.0	-30.7	-11.3
AVERAGE	-18.6	N/D	-28.3	-16.0	-3.4	3.2	10.1	9.3	2.0	-6.5	-12.8	-27.4	-8.0
STANDARD DEVIATION	6.4	N/D	7.4	11.5	4.0	4.3	6.0	5.8	3.7	4.4	8.1	8.3	6.3
ABSOLUTE MAX	-5.6	N/D	-11.7	3.9	6.1	15.6	24.4	21.1	15.6	0.0	1.7	-6.7	24.4
ABSOLUTE MIN	-40.6	N/D	-41.7	-34.4	-11.7	-2.8	1.7	-0.6	-2.8	-16.1	-28.9	-40.0	-41.7
THAW DEGREE DAYS (C)	0.	N/D	0.	2.	9.	98.	314.	289.	63.	0.	0.	0.	774.
FREEZE DEGREE DAYS (C)	578.	N/D	877.	467.	116.	1.	0.	0.	3.	201.	384.	850.	3476.
# DAYS MISSING DATA	0.	N/D	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	1.

PRUDHOE BAY, DRILL SITE II: CRREL

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	2.8	7.2	10.3	4.6	-3.0	N/D	N/D	4.4
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	-2.6	1.1	3.9	-0.2	-6.4	N/D	N/D	-0.8
AVERAGE	N/D	N/D	N/D	N/D	N/D	0.1	4.2	7.1	2.2	-4.7	N/D	N/D	1.8
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	3.0	4.9	5.1	4.8	4.5	N/D	N/D	4.4
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	5.0	22.0	19.0	15.0	7.0	N/D	N/D	22.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-4.0	-3.5	-4.0	-10.0	-19.5	N/D	N/D	-19.5
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	1.	135.	219.	82.	8.	N/D	N/D	446.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	1.	6.	0.	16.	154.	N/D	N/D	176.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	26.	0.	0.	0.	0.	N/D	N/D	26.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	5.9	11.0	8.3	4.7	N/D	N/D	N/D	7.5
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	1.5	3.9	1.6	1.2	N/D	N/D	N/D	2.0
AVERAGE	N/D	N/D	N/D	N/D	N/D	3.7	7.4	5.0	2.9	N/D	N/D	N/D	4.7
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	4.1	5.4	5.6	3.6	N/D	N/D	N/D	4.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	16.0	20.0	22.5	16.0	N/D	N/D	N/D	22.5
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-1.0	0.0	-2.5	-3.0	N/D	N/D	N/D	-3.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	111.	230.	154.	93.	N/D	N/D	N/D	588.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	6.	N/D	N/D	N/D	6.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	N/D	N/D	N/D	0.

PRUDHOE BAY, PAD F: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	8.5	6.9	3.0	N/D	N/D	N/D	6.1
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	2.2	1.3	-0.8	N/D	N/D	N/D	0.9
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	5.4	4.1	1.1	N/D	N/D	N/D	3.5
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	5.2	3.6	2.7	N/D	N/D	N/D	3.8
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	22.0	14.5	10.0	N/D	N/D	N/D	22.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	-2.0	-2.0	-4.0	N/D	N/D	N/D	-4.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	168.	127.	12.	N/D	N/D	N/D	307.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	1.	0.	0.	N/D	N/D	N/D	1.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	19.	N/D	N/D	N/D	19.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	6.0	6.9	8.4	3.9	-3.5	N/D	N/D	4.4
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	2.0	1.5	4.1	-0.5	-7.5	N/D	N/D	-0.1
AVERAGE	N/D	N/D	N/D	N/D	N/D	4.0	4.2	6.2	1.7	-5.5	N/D	N/D	2.1
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	3.8	4.3	5.2	4.1	5.4	N/D	N/D	4.6
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	16.0	21.0	18.0	14.0	10.0	N/D	N/D	21.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-0.5	-1.0	-6.0	-8.0	-18.0	N/D	N/D	-18.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	84.	131.	200.	65.	16.	N/D	N/D	496.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	6.	14.	187.	N/D	N/D	207.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	9.	0.	0.	0.	0.	N/D	N/D	9.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	2.0	10.3	N/D	N/D	N/D	N/D	N/D	6.1
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	-2.6	3.2	N/D	N/D	N/D	N/D	N/D	0.3
AVERAGE	N/D	N/D	N/D	N/D	N/D	-0.3	6.7	N/D	N/D	N/D	N/D	N/D	3.2
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	3.5	5.5	N/D	N/D	N/D	N/D	N/D	4.5
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	6.0	20.0	N/D	N/D	N/D	N/D	N/D	20.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-5.0	0.0	N/D	N/D	N/D	N/D	N/D	-5.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	7.	209.	N/D	N/D	N/D	N/D	N/D	216.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	9.	0.	N/D	N/D	N/D	N/D	N/D	9.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	23.	0.	N/D	N/D	N/D	N/D	N/D	23.

PRUDHOE BAY, WEST PIER: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	4.1	6.5	6.5	1.6	-4.9	N/D	N/D	2.8
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	-0.6	1.8	1.5	-1.2	-9.9	N/D	N/D	-1.6
AVERAGE	N/D	N/D	N/D	N/D	N/D	1.8	4.1	4.2	0.3	-7.4	N/D	N/D	0.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	3.5	4.6	3.9	3.0	4.4	N/D	N/D	3.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	7.0	23.0	16.0	16.0	-2.0	N/D	N/D	23.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-3.0	-1.5	-1.0	-5.0	-19.0	N/D	N/D	-19.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	8.	128.	131.	20.	0.	N/D	N/D	287.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	1.	0.	0.	11.	156.	N/D	N/D	168.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	26.	0.	0.	0.	10.	N/D	N/D	36.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	1.4	4.6	5.2	3.8	-3.0	N/D	N/D	2.4
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	-1.1	0.7	3.3	-0.6	-5.6	N/D	N/D	-0.7
AVERAGE	N/D	N/D	N/D	N/D	N/D	0.2	2.7	4.2	1.6	-4.3	N/D	N/D	0.9
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	2.6	3.9	4.6	4.1	4.7	N/D	N/D	4.0
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	11.5	20.0	16.0	15.0	10.0	N/D	N/D	20.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-5.0	-5.0	-6.0	-8.0	-14.5	N/D	N/D	-14.5
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	19.	93.	138.	65.	16.	N/D	N/D	331.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	14.	11.	8.	17.	148.	N/D	N/D	197.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	N/D	N/D	0.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	4.1	10.5	7.7	4.1	-3.6	N/D	N/D	4.6
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	0.9	6.0	2.4	0.8	-5.2	N/D	N/D	1.0
AVERAGE	N/D	N/D	N/D	N/D	N/D	2.5	8.2	5.1	2.4	-4.4	N/D	N/D	2.8
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	3.5	5.0	4.7	3.3	1.6	N/D	N/D	3.6
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	13.0	21.5	20.0	13.0	-2.0	N/D	N/D	21.5
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-2.5	2.0	-1.5	-5.5	-8.0	N/D	N/D	-8.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	78.	255.	158.	82.	0.	N/D	N/D	572.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	3.	0.	1.	8.	31.	N/D	N/D	43.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	24.	N/D	N/D	24.

PRUDHOE BAY, WEST PIER: CRREL (cont'd)

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-2.3	4.3	10.4	9.1	3.7	-3.1	N/D	N/D	3.7
AVERAGE MIN	N/D	N/D	N/D	N/D	-7.6	-0.8	4.6	3.7	0.7	-5.7	N/D	N/D	-0.8
AVERAGE	N/D	N/D	N/D	N/D	-5.0	1.7	7.5	6.4	2.2	-4.4	N/D	N/D	1.4
STANDARD DEVIATION	N/D	N/D	N/D	N/D	4.8	4.0	4.5	4.2	2.9	3.6	N/D	N/D	4.0
ABSOLUTE MAX	N/D	N/D	N/D	N/D	3.3	15.0	22.8	15.6	16.7	0.6	N/D	N/D	22.8
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-17.2	-3.9	1.7	-0.6	-1.1	-11.7	N/D	N/D	-17.2
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	2.	58.	232.	198.	66.	0.	N/D	N/D	557.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	157.	6.	0.	0.	0.	110.	N/D	N/D	273.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	6.	N/D	N/D	6.

SAGAVANIRKTOK RIVER, MS-132: CRREL

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	8.3	16.4	11.4	5.6	-8.2	N/D	N/D	6.7
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	0.3	4.2	2.0	-1.7	-12.4	N/D	N/D	-1.5
AVERAGE	N/D	N/D	N/D	N/D	N/D	4.3	10.3	6.7	1.9	-10.3	N/D	N/D	2.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	5.4	7.6	7.1	6.3	5.3	N/D	N/D	6.3
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	17.2	27.2	24.4	17.8	-3.9	N/D	N/D	27.2
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-2.8	-1.1	-5.0	-12.8	-21.1	N/D	N/D	-21.1
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	131.	319.	207.	89.	0.	N/D	N/D	747.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	3.	0.	0.	31.	103.	N/D	N/D	137.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	21.	N/D	N/D	21.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-10.6	-12.6	N/D	N/D	N/D	N/D	N/D	17.4	-1.1	N/D	N/D	N/D	-1.8
AVERAGE MIN	-14.0	-20.4	N/D	N/D	N/D	N/D	N/D	6.6	-7.3	N/D	N/D	N/D	-8.8
AVERAGE	-12.3	-16.6	N/D	N/D	N/D	N/D	N/D	12.0	-4.2	N/D	N/D	N/D	-5.3
STANDARD DEVIATION	4.1	5.1	N/D	N/D	N/D	N/D	N/D	6.5	4.5	N/D	N/D	N/D	5.1
ABSOLUTE MAX	-4.4	-5.0	N/D	N/D	N/D	N/D	N/D	23.9	6.1	N/D	N/D	N/D	23.9
ABSOLUTE MIN	-21.7	-25.6	N/D	N/D	N/D	N/D	N/D	0.0	-10.0	N/D	N/D	N/D	-25.6
THAW DEGREE DAYS (C)	0.	0.	N/D	N/D	N/D	N/D	N/D	324.	1.	N/D	N/D	N/D	326.
FREEZE DEGREE DAYS (C)	296.	316.	N/D	N/D	N/D	N/D	N/D	0.	86.	N/D	N/D	N/D	697.
# DAYS MISSING DATA	7.	9.	N/D	N/D	N/D	N/D	N/D	4.	10.	N/D	N/D	N/D	30.

SAGWON BLUFF, MS-127: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	1.2	9.3	16.5	15.4	5.8	N/D	N/D	N/D	9.7
AVERAGE MIN	N/D	N/D	N/D	N/D	-5.6	0.6	5.1	5.6	-0.3	N/D	N/D	N/D	1.1
AVERAGE	N/D	N/D	N/D	N/D	-2.2	5.0	10.8	10.5	2.7	N/D	N/D	N/D	5.4
STANDARD DEVIATION	N/D	N/D	N/D	N/D	5.7	6.5	7.7	7.5	5.3	N/D	N/D	N/D	6.5
ABSOLUTE MAX	N/D	N/D	N/D	N/D	8.9	21.1	25.6	27.8	16.1	N/D	N/D	N/D	27.8
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-8.9	-3.3	-1.7	-1.1	-5.6	N/D	N/D	N/D	-8.9
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	4.	152.	335.	326.	96.	N/D	N/D	N/D	913.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	13.	3.	0.	0.	14.	N/D	N/D	N/D	30.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	27.	0.	0.	0.	0.	N/D	N/D	N/D	27.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	-9.0	-0.8	9.7	16.6	18.0	6.0	-7.2	-20.1	-14.8	-0.2
AVERAGE MIN	N/D	N/D	N/D	-15.2	-6.3	3.6	7.9	7.9	0.6	-11.1	-24.3	-21.0	-6.9
AVERAGE	N/D	N/D	N/D	-12.1	-3.6	6.7	10.1	12.9	3.3	-9.1	-22.2	-17.9	-3.5
STANDARD DEVIATION	N/D	N/D	N/D	5.9	5.7	6.2	8.4	7.5	5.6	5.7	8.8	8.8	6.9
ABSOLUTE MAX	N/D	N/D	N/D	0.0	7.2	23.3	28.3	28.3	17.2	6.1	0.0	-1.1	28.3
ABSOLUTE MIN	N/D	N/D	N/D	-19.4	-20.0	-1.1	-1.7	-1.7	-6.7	-20.6	-34.4	-32.2	-34.4
THAW DEGREE DAYS (C)	N/D	N/D	N/D	0.	10.	201.	313.	401.	115.	2.	0.	0.	1042.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	73.	120.	0.	0.	0.	15.	285.	667.	554.	1714.
# DAYS MISSING DATA	N/D	N/D	N/D	24.	0.	0.	0.	0.	0.	0.	0.	0.	24.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-15.3	-21.5	-21.2	-11.4	-5.8	7.6	17.1	11.7	5.2	-14.4	-9.1	-14.0	-5.8
AVERAGE MIN	-20.5	-26.7	-27.3	-20.4	-14.0	-1.7	5.7	1.9	-1.4	-18.8	-16.1	-21.1	-13.4
AVERAGE	-17.9	-24.1	-24.3	-15.9	-9.9	3.0	11.4	6.8	1.9	-16.6	-12.1	-17.6	-9.6
STANDARD DEVIATION	8.9	11.2	7.5	10.4	7.0	6.4	7.4	7.3	6.7	5.7	9.1	6.9	7.9
ABSOLUTE MAX	-2.8	-2.8	-6.7	2.8	10.0	18.3	28.3	24.4	19.4	-6.7	0.0	-5.6	28.3
ABSOLUTE MIN	-35.0	-42.2	-41.1	-33.3	-23.3	-5.0	-1.1	-7.2	-10.6	-27.2	-33.9	-26.7	-42.2
THAW DEGREE DAYS (C)	0.	0.	0.	0.	6.	99.	352.	212.	96.	0.	0.	0.	766.
FREEZE DEGREE DAYS (C)	536.	627.	752.	476.	303.	9.	0.	1.	38.	497.	364.	193.	3796.
# DAYS MISSING DATA	1.	2.	0.	0.	1.	0.	0.	0.	0.	1.	0.	20.	25.

SAGWON BLUFF, MS-127: CRREL (cont'd)

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-11.8	N/D	N/D	N/D	1.9	13.1	19.7	N/D	3.5	-5.9	N/D	N/D	3.4
AVERAGE MIN	-13.3	N/D	N/D	N/D	-5.8	2.8	9.6	N/D	-4.3	-12.4	N/D	N/D	-3.9
AVERAGE	-12.5	N/D	N/D	N/D	-1.9	7.9	14.6	N/D	-0.4	-9.1	N/D	N/D	-0.2
STANDARD DEVIATION	2.4	N/D	N/D	N/D	6.6	6.8	7.0	N/D	6.6	6.6	N/D	N/D	6.0
ABSOLUTE MAX	-7.8	N/D	N/D	N/D	15.0	22.6	27.8	N/D	13.9	1.1	N/D	N/D	27.8
ABSOLUTE MIN	-19.4	N/D	N/D	N/D	-13.3	-2.8	2.8	N/D	-12.2	-21.7	N/D	N/D	-21.7
THAW DEGREE DAYS (C)	0.	N/D	N/D	N/D	41.	238.	425.	N/D	53.	0.	N/D	N/D	757.
FREEZE DEGREE DAYS (C)	364.	N/D	N/D	N/D	101.	0.	0.	N/D	64.	137.	N/D	N/D	666.
# DAYS MISSING DATA	2.	N/D	N/D	N/D	0.	0.	2.	N/D	3.	16.	N/D	N/D	23.

SAGWON BLUFF GROUND SURFACE, TUSSOCK: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	8.1	12.2	11.1	3.9	N/D	N/D	N/D	8.8
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	0.6	2.9	3.0	-0.7	N/D	N/D	N/D	1.5
AVERAGE	N/D	N/D	N/D	N/D	N/D	4.4	7.5	7.1	1.6	N/D	N/D	N/D	5.1
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	4.1	5.8	5.4	3.2	N/D	N/D	N/D	4.6
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	11.7	18.9	20.6	9.4	N/D	N/D	N/D	20.6
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	0.0	-1.1	-0.6	-1.7	N/D	N/D	N/D	-1.7
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	26.	234.	219.	31.	N/D	N/D	N/D	509.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	3.	N/D	N/D	N/D	3.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	24.	0.	0.	13.	N/D	N/D	N/D	37.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	4.9	15.0	13.6	3.3	-0.8	-9.3	-12.2	2.1
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	0.7	1.1	4.2	0.6	-1.3	-9.9	-12.9	-2.5
AVERAGE	N/D	N/D	N/D	N/D	N/D	2.8	8.1	8.9	1.9	-1.0	-9.6	-12.6	-0.2
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	5.3	8.4	6.6	3.1	1.5	1.4	1.7	3.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	11.1	21.1	22.2	9.4	0.6	-6.7	-9.4	22.2
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-1.7	-2.2	-1.7	-3.3	-5.6	-12.2	-16.1	-16.1
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	58.	250.	275.	60.	1.	0.	0.	643.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	2.	0.	0.	2.	33.	202.	377.	615.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	10.	0.	0.	0.	0.	9.	1.	20.

SAGWON BLUFF GROUND SURFACE, TUSSOCK: CRREL (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-13.2	-16.7	-13.8	-12.6	-7.7	5.1	14.7	8.0	3.4	-4.3	-7.2	-10.8	-4.5
AVERAGE MIN	-13.7	-17.3	-14.3	-13.4	-8.4	-0.8	3.3	0.2	-0.6	-5.5	-9.3	-11.1	-7.6
AVERAGE	-13.4	-17.0	-14.0	-13.0	-8.1	2.2	9.0	4.1	1.4	-4.9	-8.3	-10.5	-6.0
STANDARD DEVIATION	1.8	2.2	1.1	2.3	2.0	3.9	6.6	5.4	3.9	2.2	2.3	1.7	3.0
ABSOLUTE MAX	-10.6	-10.0	-10.6	-8.9	-1.1	11.7	20.6	15.0	13.5	-1.1	-2.8	-7.8	20.6
ABSOLUTE MIN	-16.7	-20.6	-15.6	-16.1	-10.6	-2.8	-1.7	-5.0	-3.3	-10.6	-12.2	-13.3	-20.6
THAW DEGREE DAYS (C)	0.	0.	0.	0.	0.	69.	279.	131.	60.	0.	0.	0.	539.
FREEZE DEGREE DAYS (C)	403.	443.	435.	390.	242.	5.	0.	3.	17.	142.	248.	116.	2444.
# DAYS MISSING DATA	1.	2.	0.	0.	1.	0.	0.	0.	0.	2.	0.	20.	26.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	0.7	9.7	14.6	12.9	2.3	-3.7	N/D	N/D	6.1
AVERAGE MIN	N/D	N/D	N/D	N/D	-4.9	0.5	5.0	6.4	-0.8	-4.8	N/D	N/D	0.2
AVERAGE	N/D	N/D	N/D	N/D	-2.1	5.1	9.8	9.6	0.8	-4.2	N/D	N/D	3.2
STANDARD DEVIATION	N/D	N/D	N/D	N/D	3.9	5.5	5.8	3.8	2.8	1.8	N/D	N/D	3.9
ABSOLUTE MAX	N/D	N/D	N/D	N/D	6.1	15.0	20.0	17.8	7.8	-1.1	N/D	N/D	20.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-8.9	-1.1	0.0	1.1	-4.4	-7.8	N/D	N/D	-8.9
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	8.	152.	294.	299.	38.	0.	N/D	N/D	791.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	70.	0.	0.	0.	16.	125.	N/D	N/D	209.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	1.	0.	1.	0.	2.	2.	N/D	N/D	6.

TANANA: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	20.2	23.7	18.4	9.6	-2.0	-17.0	-23.5	4.2
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	7.0	10.4	6.7	1.1	-10.1	-25.8	-31.5	-6.1
AVERAGE	N/D	N/D	N/D	N/D	N/D	13.6	17.0	12.5	5.3	-6.1	-21.4	-27.6	-0.9
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	7.4	7.8	6.9	6.0	8.6	7.8	13.4	8.3
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	24.4	30.6	27.8	17.2	8.9	-2.2	-3.3	30.6
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	1.1	0.0	-2.2	-6.1	-30.6	-37.8	-48.9	-48.9
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	406.	527.	389.	166.	9.	0.	0.	1499.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	6.	197.	643.	854.	1701.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	0.	0.

TANANA: NWS (cont'd)

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-21.7	-20.1	-7.5	5.6	13.4	20.1	22.1	21.6	12.9	-2.1	-6.9	-16.9	1.7
AVERAGE MIN	-29.3	-35.4	-21.5	-9.2	1.5	7.8	9.1	6.7	2.0	-9.1	-15.1	-25.9	-9.9
AVERAGE	-25.5	-27.7	-14.5	-1.8	7.4	14.0	15.6	14.1	7.4	-5.6	-11.0	-21.4	-4.1
STANDARD DEVIATION	8.9	12.5	9.0	9.4	6.5	7.1	7.4	8.2	6.3	7.6	7.4	8.2	8.2
ABSOLUTE MAX	-7.8	1.1	-0.6	17.2	18.3	27.8	31.1	28.9	20.0	6.1	3.3	-5.0	31.1
ABSOLUTE MIN	-43.3	-49.4	-33.9	-25.0	-2.8	0.0	3.3	0.6	-4.4	-25.6	-30.0	-40.0	-49.4
THAW DEGREE DAYS (C)	0.	0.	0.	36.	231.	419.	484.	439.	223.	6.	0.	0.	1838.
FREEZE DEGREE DAYS (C)	791.	804.	449.	89.	0.	0.	0.	0.	0.	179.	331.	663.	3307.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-11.3	-9.4	-11.1	0.3	12.6	21.6	24.3	23.0	11.5	-1.1	-17.6	N/D	3.9
AVERAGE MIN	-18.5	-17.6	-26.0	-14.2	0.7	6.3	7.9	8.2	2.3	-10.3	-25.1	N/D	-7.8
AVERAGE	-14.9	-13.5	-18.6	-6.9	6.7	14.0	16.1	15.6	6.9	-5.7	-21.4	N/D	-2.0
STANDARD DEVIATION	7.0	7.1	10.6	10.4	7.2	8.0	8.8	8.5	6.3	7.2	7.0	N/D	8.0
ABSOLUTE MAX	-2.2	0.6	-1.1	10.6	21.7	25.6	32.2	28.9	22.2	7.2	-11.1	N/D	32.2
ABSOLUTE MIN	-36.1	-34.4	-40.0	-32.2	-6.1	3.3	3.3	-4.4	-4.4	-21.7	-36.1	N/D	-40.0
THAW DEGREE DAYS (C)	0.	0.	0.	20.	207.	419.	499.	484.	208.	10.	0.	N/D	1847.
FREEZE DEGREE DAYS (C)	462.	377.	576.	226.	0.	0.	0.	0.	0.	187.	641.	N/D	2471.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	N/D	0.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-11.7	-12.1	-5.5	5.1	15.8	17.2	23.2	21.2	13.1	-3.4	N/D	N/D	6.3
AVERAGE MIN	-18.6	-21.9	-20.7	-8.0	1.8	6.1	9.3	6.8	1.2	-10.6	N/D	N/D	-5.5
AVERAGE	-15.2	-17.0	-13.1	-1.4	8.8	11.6	16.2	14.0	7.2	-7.0	N/D	N/D	0.4
STANDARD DEVIATION	6.6	11.5	9.4	10.1	7.7	6.2	7.7	8.2	7.8	5.7	N/D	N/D	8.1
ABSOLUTE MAX	-5.6	2.2	1.7	15.6	21.1	22.8	28.9	27.8	23.9	2.8	N/D	N/D	28.9
ABSOLUTE MIN	-32.2	-44.4	-33.3	-26.7	-4.4	0.0	2.8	-2.2	-8.3	-20.6	N/D	N/D	-44.4
THAW DEGREE DAYS (C)	0.	0.	0.	64.	274.	349.	503.	434.	219.	0.	N/D	N/D	1843.
FREEZE DEGREE DAYS (C)	471.	477.	407.	108.	0.	0.	0.	0.	4.	217.	N/D	N/D	1683.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	N/D	N/D	0.

TANANA: NWS (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-16.3	-22.5	-6.6	2.2	N/D	19.3	21.7	20.5	11.7	2.1	-4.4	-22.8	0.3
AVERAGE MIN	-4.5	-36.7	-20.0	-10.1	N/D	6.4	8.9	8.0	-0.0	-3.9	-10.9	-31.8	-10.4
AVERAGE	-30.4	-29.5	-14.5	-3.4	N/D	12.8	15.3	14.3	5.9	-0.9	-7.7	-27.3	-5.1
STANDARD DEVIATION	7.5	9.4	9.3	10.5	N/D	7.4	7.5	7.0	7.3	5.4	6.5	10.4	8.1
ABSOLUTE MAX	-9.4	-11.7	3.9	15.0	N/D	26.1	27.8	26.7	20.6	10.0	5.0	-3.9	27.8
ABSOLUTE MIN	-58.9	-46.7	-36.1	-27.2	N/D	1.7	3.3	2.2	-5.6	-12.2	-24.4	-44.4	-46.7
THAW DEGREE DAYS (C)	0.	0.	0.	48.	N/D	372.	474.	442.	176.	48.	3.	0.	1564.
FREEZE DEGREE DAYS (C)	634.	426.	443.	166.	N/D	0.	0.	0.	1.	76.	232.	847.	3227.
# DAYS MISSING DATA	0.	0.	0.	0.	N/D	1.	0.	0.	0.	0.	0.	0.	1.

TAPS ROAD: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	-13.4	1.2	N/D	15.3	13.6	16.2	7.3	-4.9	-8.0	N/D	3.4
AVERAGE MIN	N/D	N/D	-20.1	-8.2	N/D	4.6	3.3	7.4	0.5	-9.2	-13.3	N/D	-4.1
AVERAGE	N/D	N/D	-16.8	-3.5	N/D	11.0	8.4	11.8	3.9	-7.0	-10.6	N/D	-0.4
STANDARD DEVIATION	N/D	N/D	5.4	7.2	N/D	5.5	6.0	5.3	4.4	3.4	5.3	N/D	5.3
ABSOLUTE MAX	N/D	N/D	-5.6	10.6	N/D	23.9	19.4	24.4	13.9	-1.7	0.0	N/D	24.4
ABSOLUTE MIN	N/D	N/D	-27.8	-18.3	N/D	3.3	0.6	0.6	-3.9	-13.3	-26.7	N/D	-27.8
THAW DEGREE DAYS (C)	N/D	N/D	0.	26.	N/D	296.	84.	319.	116.	0.	0.	N/D	842.
FREEZE DEGREE DAYS (C)	N/D	N/D	419.	128.	N/D	0.	0.	0.	0.	148.	266.	N/D	961.
# DAYS MISSING DATA	N/D	N/D	6.	1.	N/D	3.	21.	4.	0.	10.	5.	N/D	50.

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	-2.8	N/D	N/D	19.0	N/D	18.0	4.3	-3.9	-17.3	N/D	2.9
AVERAGE MIN	N/D	N/D	-8.4	N/D	N/D	9.7	N/D	10.0	-0.1	-8.5	-22.6	N/D	-3.3
AVERAGE	N/D	N/D	-5.6	N/D	N/D	14.4	N/D	14.0	2.1	-6.2	-20.0	N/D	-0.2
STANDARD DEVIATION	N/D	N/D	4.1	N/D	N/D	5.4	N/D	5.6	4.4	6.5	4.5	N/D	5.1
ABSOLUTE MAX	N/D	N/D	2.2	N/D	N/D	23.3	N/D	27.8	10.0	2.2	-8.9	N/D	27.8
ABSOLUTE MIN	N/D	N/D	-14.4	N/D	N/D	4.4	N/D	0.0	-6.7	-17.8	-27.8	N/D	-27.8
THAW DEGREE DAYS (C)	N/D	N/D	0.	N/D	N/D	359.	N/D	393.	69.	0.	0.	N/D	821.
FREEZE DEGREE DAYS (C)	N/D	N/D	67.	N/D	N/D	0.	N/D	0.	19.	74.	279.	N/D	440.
# DAYS MISSING DATA	N/D	N/D	19.	N/D	N/D	5.	N/D	3.	6.	19.	16.	N/D	68.

TAPS ROAD: CRREL (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	0.3	8.1	14.7	N/D	16.3	9.3	-4.9	N/D	N/D	7.3
AVERAGE MIN	N/D	N/D	N/D	-7.7	-1.1	4.4	N/D	23.6	3.6	-8.5	N/D	N/D	2.4
AVERAGE	N/D	N/D	N/D	-3.7	3.5	9.6	N/D	20.0	6.5	-6.7	N/D	N/D	4.8
STANDARD DEVIATION	N/D	N/D	N/D	5.8	5.9	5.7	N/D	59.5	5.6	3.1	N/D	N/D	14.3
ABSOLUTE MAX	N/D	N/D	N/D	8.9	15.6	18.9	N/D	23.3	20.6	-1.1	N/D	N/D	23.3
ABSOLUTE MIN	N/D	N/D	N/D	-17.2	-6.1	2.8	N/D	1.7	-3.3	-13.3	N/D	N/D	-17.2
THAW DEGREE DAYS (C)	N/D	N/D	N/D	8.	108.	125.	N/D	599.	189.	0.	N/D	N/D	1028.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	98.	6.	0.	N/D	0.	1.	81.	N/D	N/D	186.
# DAYS MISSING DATA	N/D	N/D	N/D	6.	2.	17.	N/D	1.	1.	19.	N/D	N/D	46.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	-32.8	-5.6	-3.0	11.2	16.1	16.5	13.8	0.7	-8.0	-12.9	-23.1	-2.5
AVERAGE MIN	N/D	-36.8	-12.4	-11.9	1.1	3.8	7.4	5.4	-5.5	-10.9	-17.9	-26.5	-9.5
AVERAGE	N/D	-34.8	-9.0	-7.4	6.1	10.0	11.9	9.6	-2.4	-9.5	-15.4	-24.8	-6.0
STANDARD DEVIATION	N/D	3.4	6.9	8.6	5.8	6.4	5.8	6.0	5.3	4.3	5.1	4.7	5.9
ABSOLUTE MAX	N/D	-23.3	7.2	9.4	17.2	18.3	23.9	20.6	9.4	3.9	-5.6	-12.2	23.9
ABSOLUTE MIN	N/D	-39.4	-36.7	-27.2	-5.6	-1.7	2.8	-1.7	-10.6	-16.1	-25.0	-35.6	-39.4
THAW DEGREE DAYS (C)	N/D	0.	11.	9.	154.	80.	311.	298.	24.	0.	0.	0.	886.
FREEZE DEGREE DAYS (C)	N/D	974.	235.	232.	1.	0.	0.	0.	91.	293.	462.	770.	3057.
# DAYS MISSING DATA	N/D	0.	6.	0.	6.	22.	5.	0.	2.	0.	0.	0.	41.

TIMBERLINE, HAUL ROAD: CRREL

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	-2.6	8.6	17.1	22.2	20.3	6.4	-4.8	N/D	N/D	9.6
AVERAGE MIN	N/D	N/D	N/D	-12.5	-0.5	5.9	6.8	7.3	-1.9	-12.0	N/D	N/D	-1.0
AVERAGE	N/D	N/D	N/D	-7.5	4.1	11.5	14.5	13.8	2.3	-8.4	N/D	N/D	4.3
STANDARD DEVIATION	N/D	N/D	N/D	6.4	6.1	6.3	8.7	8.4	6.2	6.3	N/D	N/D	6.9
ABSOLUTE MAX	N/D	N/D	N/D	4.2	17.2	23.3	30.6	30.0	16.7	2.8	N/D	N/D	30.6
ABSOLUTE MIN	N/D	N/D	N/D	-19.7	-9.4	1.7	1.7	-5.0	-10.0	-27.2	N/D	N/D	-27.2
THAW DEGREE DAYS (C)	N/D	N/D	N/D	0.	130.	345.	449.	428.	93.	0.	N/D	N/D	1446.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	46.	4.	0.	0.	0.	25.	261.	N/D	N/D	336.
# DAYS MISSING DATA	N/D	N/D	N/D	24.	0.	0.	0.	0.	0.	0.	N/D	N/D	24.

TIMBERLINE, HAUL ROAD: CRREL (cont'd)

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	8.6	12.6	21.1	18.0	9.6	-7.7	N/D	N/D	10.4
AVERAGE MIN	N/D	N/D	N/D	N/D	-2.8	2.9	7.5	3.3	-0.3	-16.4	N/D	N/D	-1.0
AVERAGE	N/D	N/D	N/D	N/D	2.9	7.8	14.3	10.7	4.7	-12.0	N/D	N/D	4.7
STANDARD DEVIATION	N/D	N/D	N/D	N/D	7.0	5.8	7.4	8.2	7.6	7.1	N/D	N/D	7.2
ABSOLUTE MAX	N/D	N/D	N/D	N/D	17.8	19.4	26.7	24.4	22.8	-0.6	N/D	N/D	26.7
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-6.7	-1.1	2.2	-5.6	-10.6	-26.7	N/D	N/D	-26.7
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	84.	225.	444.	299.	154.	0.	N/D	N/D	1206.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	6.	0.	0.	0.	14.	192.	N/D	N/D	212.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	4.	1.	0.	3.	0.	15.	N/D	N/D	23.

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	10.9	17.1	21.1	19.8	9.2	N/D	N/D	N/D	15.6
AVERAGE MIN	N/D	N/D	N/D	N/D	0.0	4.1	8.1	8.0	-2.5	N/D	N/D	N/D	3.6
AVERAGE	N/D	N/D	N/D	N/D	5.4	10.6	14.6	13.9	3.3	N/D	N/D	N/D	9.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	6.0	7.8	7.8	6.4	7.6	N/D	N/D	N/D	7.1
ABSOLUTE MAX	N/D	N/D	N/D	N/D	17.8	25.0	28.3	24.4	16.7	N/D	N/D	N/D	28.3
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-6.1	-2.2	2.2	4.4	-15.0	N/D	N/D	N/D	-15.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	169.	318.	439.	319.	72.	N/D	N/D	N/D	1317.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	0.	0.	0.	0.	16.	N/D	N/D	N/D	16.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	1.	8.	13.	N/D	N/D	N/D	22.

TOOLIK LAKE: CRREL

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	12.6	18.9	13.9	4.9	N/D	N/D	N/D	12.6
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	3.9	9.7	4.1	-2.0	N/D	N/D	N/D	3.9
AVERAGE	N/D	N/D	N/D	N/D	N/D	8.3	14.3	9.0	1.5	N/D	N/D	N/D	8.3
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	4.9	6.5	6.3	5.0	N/D	N/D	N/D	5.7
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	16.0	28.0	24.0	10.5	N/D	N/D	N/D	28.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	3.0	4.0	-2.0	-10.0	N/D	N/D	N/D	-10.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	33.	443.	279.	68.	N/D	N/D	N/D	822.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	23.	N/D	N/D	N/D	23.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	26.	0.	0.	0.	N/D	N/D	N/D	26.

TOOLIK LAKE: CRREL (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	5.1	8.5	15.8	16.9	3.3	-6.7	N/D	N/D	6.8
AVERAGE MIN	N/D	N/D	N/D	N/D	-6.0	2.2	3.8	7.1	-3.7	-13.2	N/D	N/D	-1.6
AVERAGE	N/D	N/D	N/D	N/D	-1.4	5.4	9.8	12.0	-0.2	-9.9	N/D	N/D	2.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	6.4	4.9	7.7	7.1	5.6	6.3	N/D	N/D	6.3
ABSOLUTE MAX	N/D	N/D	N/D	N/D	12.0	17.0	23.0	25.0	11.5	4.0	N/D	N/D	25.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-15.0	-2.0	-3.0	-3.0	-12.5	-22.0	N/D	N/D	-22.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	29.	162.	304.	372.	48.	2.	N/D	N/D	915.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	73.	1.	0.	0.	54.	299.	N/D	N/D	427.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	1.	N/D	N/D	1.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	-2.6	10.4	18.4	10.3	15.3	N/D	N/D	N/D	10.4
AVERAGE MIN	N/D	N/D	N/D	N/D	-10.9	2.5	8.0	1.3	3.0	N/D	N/D	N/D	0.8
AVERAGE	N/D	N/D	N/D	N/D	-6.8	6.5	13.2	5.8	9.2	N/D	N/D	N/D	5.6
STANDARD DEVIATION	N/D	N/D	N/D	N/D	7.2	5.0	6.0	5.6	6.4	N/D	N/D	N/D	6.0
ABSOLUTE MAX	N/D	N/D	N/D	N/D	13.0	16.0	23.0	15.0	17.0	N/D	N/D	N/D	23.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-20.0	-3.0	5.0	-4.0	2.0	N/D	N/D	N/D	-20.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	18.	196.	66.	35.	28.	N/D	N/D	N/D	342.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	220.	2.	0.	0.	0.	N/D	N/D	N/D	222.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	1.	0.	26.	25.	27.	N/D	N/D	N/D	79.

TOOLIK RIVER, MS-117: CRREL

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	1.3	9.2	14.7	14.3	3.8	-5.6	N/D	N/D	6.3
AVERAGE MIN	N/D	N/D	N/D	N/D	-5.8	3.3	5.3	7.3	-1.3	-9.8	N/D	N/D	-0.2
AVERAGE	N/D	N/D	N/D	N/D	-2.2	6.2	10.0	10.8	1.3	-7.7	N/D	N/D	3.1
STANDARD DEVIATION	N/D	N/D	N/D	N/D	6.0	5.2	6.4	6.4	5.3	5.4	N/D	N/D	5.8
ABSOLUTE MAX	N/D	N/D	N/D	N/D	9.0	18.0	22.0	24.0	12.0	3.0	N/D	N/D	24.0
ABSOLUTE MIN	N/D	N/D	N/D	N/D	-17.0	-1.5	-2.0	-5.0	-9.0	-15.0	N/D	N/D	-17.0
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	25.	189.	311.	334.	74.	3.	N/D	N/D	936.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	94.	1.	0.	0.	36.	243.	N/D	N/D	374.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	0.	0.	0.	0.	0.	0.	N/D	N/D	0.

TOOLIK RIVER, MS-117: CRREL (cont'd)

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	-16.1	-20.0	N/D	7.0	13.4	14.2	17.3	4.0	N/D	N/D	N/D	2.8
AVERAGE MIN	N/D	-22.6	-30.0	N/D	-0.1	3.6	5.5	9.8	-2.2	N/D	N/D	N/D	-5.1
AVERAGE	N/D	-19.4	-25.0	N/D	3.4	8.6	9.8	13.5	0.9	N/D	N/D	N/D	-1.1
STANDARD DEVIATION	N/D	8.3	8.1	N/D	5.2	5.9	6.7	4.3	5.8	N/D	N/D	N/D	6.3
ABSOLUTE MAX	N/D	-2.6	-10.0	N/D	15.0	20.6	21.1	21.1	12.2	N/D	N/D	N/D	21.1
ABSOLUTE MIN	N/D	-38.9	-38.9	N/D	-5.6	-1.1	-5.0	6.1	-7.2	N/D	N/D	N/D	-38.9
THAW DEGREE DAYS (C)	N/D	0.	0.	N/D	113.	259.	207.	217.	42.	N/D	N/D	N/D	838.
FREEZE DEGREE DAYS (C)	N/D	484.	325.	N/D	10.	0.	1.	0.	28.	N/D	N/D	N/D	847.
# DAYS MISSING DATA	N/D	3.	18.	N/D	1.	0.	10.	15.	14.	N/D	N/D	N/D	61.

UMIAT: NWS

1975

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-13.5	-25.1	-29.7	-22.8
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-22.5	-31.4	-36.9	-30.2
AVERAGE	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-18.0	-28.3	-33.3	-26.5
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	9.7	7.6	7.6	8.0
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	7.2	-5.0	-13.3	7.2
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	-36.7	-39.4	-43.9	-43.9
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	0.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	324.	848.	999.	2170.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	13.	0.	1.	14.

1976

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-28.4	-28.4	-21.3	-9.5	-0.6	12.2	18.6	17.6	8.0	-5.8	-15.9	-32.8	-7.2
AVERAGE MIN	-35.9	-35.2	-27.5	-19.8	-9.2	2.7	7.3	5.7	-3.1	-19.4	-27.4	-40.1	-17.0
AVERAGE	-32.1	-31.8	-24.4	-14.8	-4.9	7.5	12.9	10.7	2.4	-12.6	-21.6	-36.5	-12.1
STANDARD DEVIATION	5.8	10.6	6.3	9.8	6.6	6.6	7.7	8.5	6.7	9.4	9.5	8.0	8.2
ABSOLUTE MAX	-12.2	-4.4	-8.8	5.6	12.2	21.1	26.1	27.8	17.8	7.2	-2.8	-18.3	27.8
ABSOLUTE MIN	-50.0	-46.7	-35.9	-35.6	-15.6	-2.8	0.0	-1.1	-7.8	-31.7	-41.7	-48.9	-50.0
THAW DEGREE DAYS (C)	0.	0.	0.	0.	14.	224.	388.	245.	79.	0.	0.	0.	952.
FREEZE DEGREE DAYS (C)	996.	921.	756.	252.	162.	0.	0.	0.	7.	391.	649.	1131.	5270.
# DAYS MISSING DATA	0.	0.	0.	15.	0.	0.	1.	8.	0.	0.	0.	0.	22.

UMIAT: NWS (cont'd)

1977

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-22.4	-25.9	-28.2	-13.2	-2.4	12.6	18.8	18.7	7.5	-4.7	-21.3	-17.7	-6.5
AVERAGE MIN	-32.8	-33.8	-40.3	-27.6	-10.5	2.8	3.3	4.9	-3.3	-11.9	-29.7	-29.4	-17.4
AVERAGE	-27.6	-29.9	-34.3	-20.4	-6.5	7.7	11.0	11.8	2.1	-8.3	-25.5	-23.6	-11.9
STANDARD DEVIATION	9.2	10.0	8.9	12.5	7.1	6.8	8.7	8.5	7.7	6.8	8.2	12.4	8.9
ABSOLUTE MAX	-14.4	-14.4	-11.1	6.7	6.1	23.9	29.4	28.9	16.7	7.2	-6.1	1.7	29.4
ABSOLUTE MIN	-46.7	-53.9	-47.8	-41.7	26.7	-2.?	-1.7	-5.0	-15.0	-22.8	-41.1	-43.9	-53.9
THAW DEGREE DAYS (C)	0.	0.	0.	1.	6.	231.	342.	366.	37.	2.	0.	0.	1046.
FREEZE DEGREE DAYS (C)	856.	837.	1062.	613.	206.	0.	0.	0.	3?.	259.	765.	731.	5362.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

1978

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-17.6	-24.5	-23.3	-12.7	-3.7	11.3	21.1	15.1	8.4	-12.9	N/D	N/D	-3.9
AVERAGE MIN	-27.0	-32.9	-33.5	-25.1	-14.1	1.1	6.1	1.5	-1.3	-19.8	N/D	N/D	-14.5
AVERAGE	-22.3	-28.7	-28.4	-18.9	-8.9	6.2	13.6	8.3	3.6	-16.4	N/D	N/D	-9.2
STANDARD DEVIATION	8.1	9.3	8.0	12.2	7.1	6.3	8.7	8.4	6.9	7.9	N/D	N/D	8.3
ABSOLUTE MAX	-6.7	-7.2	-8.3	7.8	7.8	18.3	29.4	25.6	18.3	-3.3	N/D	N/D	29.4
ABSOLUTE MIN	-37.8	-50.0	-43.9	-40.6	-21.1	-8.9	-2.2	-7.2	-8.3	-31.1	N/D	N/D	-50.0
THAW DEGREE DAYS (C)	0.	0.	0.	2.	3.	187.	421.	256.	119.	0.	N/D	N/D	989.
FREEZE DEGREE DAYS (C)	691.	804.	880.	569.	277.	2.	0.	0.	12.	507.	N/D	N/D	3742.
# DAYS MISSING DATA	.	0.	0.	0.	0.	0.	0.	0.	0.	0.	N/D	N/D	0.

1979

PCNTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	-20.0	-27.2	-25.7	-10.6	4.6	14.6	20.5	18.8	7.1	-6.2	-8.5	-26.1	-4.9
AVERAGE MIN	-27.7	-37.1	-35.9	-23.5	-4.4	3.4	8.4	7.7	-1.6	-11.4	-17.7	-33.9	-14.5
AVERAGE	-23.8	-32.1	-30.8	-17.0	0.1	9.0	14.4	13.2	2.7	-8.8	-13.1	-30.0	-9.7
STANDARD DEVIATION	6.8	8.9	11.8	14.5	6.5	7.3	7.5	7.0	6.2	5.4	9.6	11.0	8.5
ABSOLUTE MAX	-5.0	-12.8	0.0	9.4	18.3	24.4	28.3	26.7	17.8	0.0	6.1	-3.9	28.3
ABSOLUTE MIN	-42.2	-48.3	-48.9	-41.1	-10.6	-2.8	1.7	1.1	-8.3	-21.7	-32.8	-45.6	-48.9
THAW DEGREE DAYS (C)	0.	0.	0.	8.	52.	271.	447.	410.	97.	0.	1.	0.	1286.
FREEZE DEGREE DAYS (C)	739.	900.	955.	519.	49.	.	0.	0.	16.	273.	394.	929.	4774.
# DAYS MISSING DATA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

WEST OUMALIK: CRREL

1979

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AVERAGE MAX (DEGR C)	N/D	N/D	N/D	N/D	N/D	13.9	20.5	15.0	5.0	N/D	N/D	N/D	13.6
AVERAGE MIN	N/D	N/D	N/D	N/D	N/D	3.1	8.4	5.6	-2.0	N/D	N/D	N/D	3.8
AVERAGE	N/D	N/D	N/D	N/D	N/D	8.5	14.4	10.3	1.5	N/D	N/D	N/D	8.7
STANDARD DEVIATION	N/D	N/D	N/D	N/D	N/D	6.9	7.1	6.6	4.3	N/D	N/D	N/D	6.2
ABSOLUTE MAX	N/D	N/D	N/D	N/D	N/D	25.0	26.7	25.0	12.8	N/D	N/D	N/D	26.7
ABSOLUTE MIN	N/D	N/D	N/D	N/D	N/D	-1.1	1.7	-1.7	-3.9	N/D	N/D	N/D	-3.9
THAW DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	254.	447.	318.	17.	N/D	N/D	N/D	1037.
FREEZE DEGREE DAYS (C)	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	1.	N/D	N/D	N/D	1.
# DAYS MISSING DATA	N/D	N/D	N/D	N/D	N/D	0.	0.	0.	19.	N/D	N/D	N/D	19.

A facsimile catalog card in Library of Congress MARC format is reproduced below.

Haugen, Richard K.
Climate of remote areas in north-central Alaska: 1975-1979 summary / by Richard K. Haugen. Hanover, N.H.: U.S. Army Cold Regions Research and Engineering Laboratory; Springfield, Va.: available from National Technical Information Service, 1982.
iv, 114 p., illus.; 28 cm (CRREL Report 82-35.)
Prepared for Office of the Chief of Engineers by Corps of Engineers, U.S. Army Cold Regions Research and Engineering Laboratory under DA Project 4A161102 AT24.
Bibliography: p. 19.
1. Alaska. 2. Atmospheric temperature. 3. Climate. 4. High temperature. 5. Low temperature. 6. Rainfall. 7. Snow. I. United States. Army. Corps of Engineers. II. Army Cold Regions Research and Engineering Laboratory. III. Series: CRREL Report 82-35.

ATE
LMED