

AD 726937

**UNITED STATES ARMY
ELECTRONICS COMMAND
METEOROLOGICAL TEAM DATA**

F O R T W A I N W R I G H T, A L A S K A

ALASKA FIELD STATION

FOX LOWER

ARCTIC MEDICAL RESEARCH LABORATORY

DECEMBER 1970

METEOROLOGICAL SERVICES TECHNICAL AREA

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**ATMOSPHERIC SCIENCES LABORATORY
WHITE SANDS MISSILE RANGE, NEW MEXICO**

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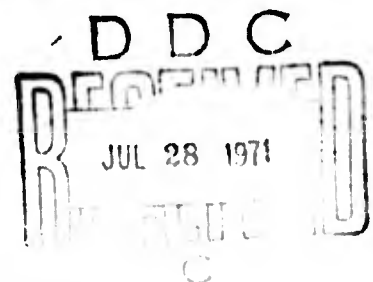


TABLE OF CONTENTS

	PAGE NO.
INTRODUCTION, GEOGRAPHICAL DATA	1
STATION MAP	11
DATA COLLECTION SENSORS, NATURE OF SURFACE MATERIAL AROUND SENSORS	111
UNITS OF DATA MEASUREMENT	iv
DISTRIBUTION LIST	v - vi
TABULAR DATA	
<u>Alaska Field Station</u>	
Precipitation, Temperature, Wind Direction and Speed	1 - 11
Wind Rose	12 - 13
Hourly Averages for the Month	14
Monthly Climatological Summary	15
<u>Fox Lower</u>	
Precipitation, Temperature, Wind Direction and Speed	16 - 26
Wind Rose	27 - 28
Hourly Averages for the Month	29
Monthly Climatological Summary	30
<u>Arctic Med Rsch Lab</u>	
Temperature, Wind Direction and Speed, Wind Chill	31 - 41
Wind Rose	42 - 43
Hourly Averages for the Month	44
Monthly Climatological Summary	45

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METEOROLOGICAL DATA REPORT
Atmospheric Sciences Laboratory Meteorological Team
FORT WAINWRIGHT, ALASKA
ALASKA FIELD STATION
FOX LOWER
ARCTIC MEDICAL RESEARCH LABORATORY

DECEMBER 1970

Meteorological Data
furnished by:

U.S. Army Electronics Command
Atmospheric Sciences Laboratory
Meteorological Services Technical Area
White Sands Missile Range, N.M. 88002

INTRODUCTION

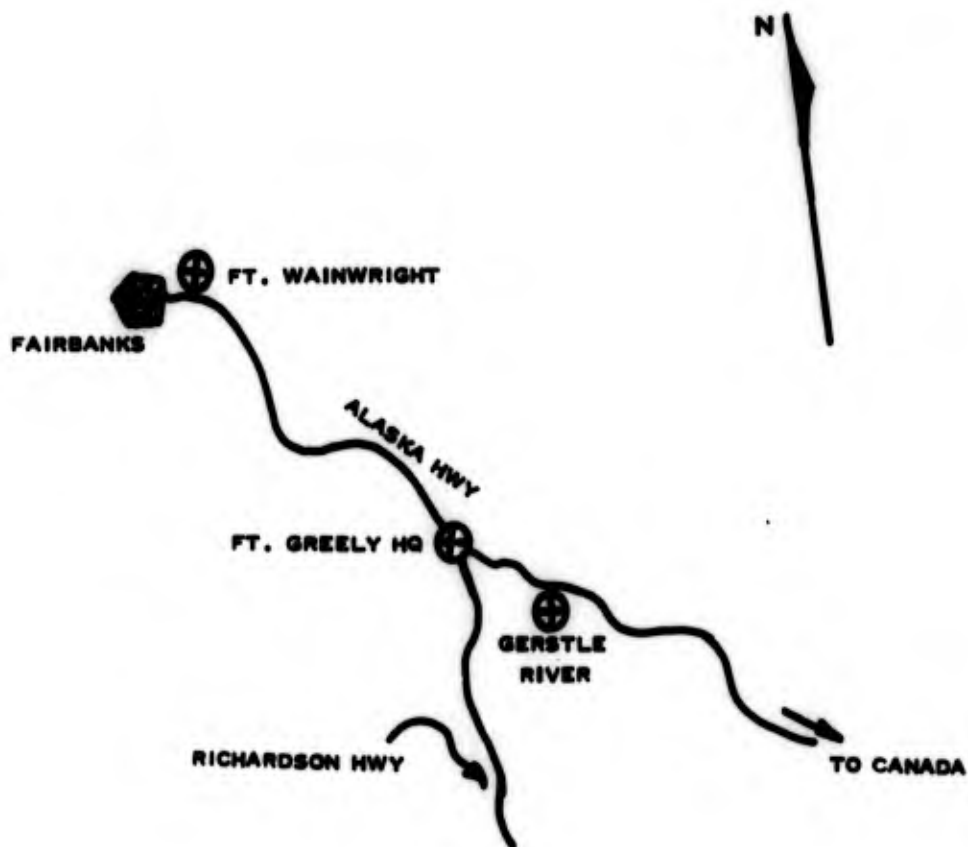
This report presents meteorological data as obtained from the processing of information recorded by the U. S. Army Meteorological Teams:

Any correspondence pertaining to processing and/or distribution of the inclosed data should be directed to:

Commanding Officer and Director
Atmospheric Sciences Laboratory
U.S. Army Electronics Command
ATTN: ANSEL-BL-N
White Sands Missile Range, N.M. 88002

GEOGRAPHICAL DATA:

	<u>Elevation</u>	<u>Latitude</u>	<u>Longitude</u>
Alaska Field Station	475 ft MSL	64° 52'N	147° 40'W
Fox Lower	700 ft MSL	64° 57'N	147° 37'W
Arctic Med Resch Lab	440 ft MSL	64° 50'N	147° 40'W



FT. GREELY TO FT. WAINWRIGHT 107 MI
 FT. GREELY TO GERSTLE RIVER 38 MI

DATA COLLECTION SENSORS

<u>DATA</u>	<u>SENSORS</u>
Precipitation	Weighing-type recording 8" raingage
Temperature	Hygrothermograph or thermograph
Relative Humidity	Hygrothermograph
Wind Direction & Speed	WS-101 Beckman & Whitley Wind Measuring System
Wind Chill	Derived from temperature and wind speed values.

NATURE OF SURFACE MATERIAL AROUND SENSORS

Alaska Field Station - Gravel

Fox Lower - Gravel and Dirt

Arctic Medical Resch Lab - Open terrain, generally flat, snow-covered

UNITS OF DATA MEASUREMENT

Units of measurement for data collected by US Army Meteorological Teams that are tabulated for distribution by the Meteorological Support Activity:

<u>Meteorological Element</u>	<u>Unit of Measurement</u>
Precipitation - - - - -	Inches
Pressure - - - - -	Millibars
Temperature - - - - -	Degrees Fahrenheit
Relative Humidity - - - - -	Percent
Wind Direction - - - - -	Sixteen points of the compass with reference to true north
Wind Speed - - - - -	Miles per hour
Radiation - - - - -	Langleys per hour
Ozone - - - - -	Parts per hundred million
Visibility - - - - -	Horizontal visibility in statute miles
Sky Cover - - - - -	Tenths of Opaque Overcast
Snow Depth - - - - -	Inches
General Weather - - - - -	Predominant condition

All meteorological elements, except radiation, are tabulated on the 24-hour clock, local standard time. Radiation is tabulated on the 24-hour clock, true solar time.

ALASKA FIELD STATION DECEMBER 1970

1

2

3

HOUR	PRECIP	TEMP	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED
1	0.	M	NNF	1	M	NE	0.	-43	NNE
2	0.	M	NNF	1	M	NNE	0.	-43	C
3	0.	M	N	1	M	NNE	0.	-45	C
4	0.	M	N	1	M	E	0.	-45	1
5	0.	M	NNF	1	M	ENE	0.	-45	1
6	0.	M	NNF	1	M	NNE	0.	-45	1
7	0.	M	NNF	1	M	NE	0.	-46	1
8	0.	M	NNF	1	M	NE	0.	-46	1
9	0.	M	N	1	M	NNE	0.	-47	C
10	0.	M	N	1	-42	NNE	0.	-46	C
11	0.	M	N	1	-42	NNE	0.	-46	C
12	0.	M	N	1	-40	E	0.	-44	C
13	0.	M	N	1	-38	NW	0.	-41	1
14	0.	M	N	1	-35	ESE	0.	-39	1
15	0.	M	N	1	-33	N	0.	-41	1
16	0.	M	N	1	-34	NNE	0.	-44	1
17	0.	M	NNF	1	-34	NNE	0.	-45	1
18	0.	M	N	1	-34	NW	0.	-46	1
19	0.	M	N	1	-36	NW	0.	-45	C
20	0.	M	NNF	1	-37		0.	-45	1
21	0.	M	NNF	1	-40	N	0.	-46	1
22	0.	M	NF	1	-42	N	0.	-46	1
23	0.	M	NNF	1	-42	N	0.	-46	1
24	0.	M	N	1	-43	N	0.	-46	1
TOT	0.00			24			0.00		17
AVE			N	1		NNE		-45	1
MAX				1	-33			-39	1
MIN				1	-43			-47	0

- 1-

ALASKA FIELD STATION DECEMBER 1970

4

5

6

HOUR	PRECIP	TEMP	- WIND WIND- DIRECT SPEED	PRECIP	TEMP	- WIND WIND- DIRECT SPEED	PRECIP	TEMP	- WIND WIND- DIRECT SPEED
1	0.	-46	NNF	1	-41	NW	0.	-42	NNW
2	0.	-45	N	1	-41	NNW	0.	-42	NF
3	0.	-45	NW	1	-41		0.	-42	N
4	0.	-44	N	1	-39		0.	-42	N
5	0.	-45	N	1	-34	NNW	0.	-43	NNW
6	0.	-45		1	-30	NW	0.	-42	NW
7	0.	-45	NNW	1	-25	NNW	0.	-42	NF
8	0.	-45	N	1	-23	NE	0.	-42	NNE
9	0.	-44	N	1	-25	WSW	0.	-42	NNE
10	0.	-44		1	-30		0.	-42	N
11	0.	-41	NNF	1	-31		0.	-38	N
12	0.	-39		1	-33		0.	-32	
13	0.	-39		1	-36	NNE	0.	-29	
14	0.	-39		1	-39	NNW	0.	-30	NNW
15	0.	-41		1	-40	NNW	0.	-30	N
16	0.	-43		1	-42	NNW	0.	-28	N
17	0.	-43	NNF	1	-42	NNW	0.	-27	N
18	0.	-44		1	-42	N	0.	-28	NNW
19	0.	-44	NNW	1	-39	NNW	0.	-9	ENE
20	0.	-44		1	-39	NNW	0.	-5	ENE
21	0.	-43		1	-40	ESE	0.	-6	NF
22	0.	-42		1	-41	ENE	0.	-6	NF
23	0.	-42		1	-41	NE	0.	-5	ENE
24	0.	-41	NNW	1	-41	NNW	0.	-6	ENE
TOT	0.00		12	0.00		19	0.00		36
AVE		-43	N		-36	NNW		-29	N
MAX		-39			-23			-5	
MIN		-46			-42			-43	

- 2-

ALASKA FIELD STATION DECEMBER 1970

7

8

9

HOUR	PRECIP	TEMP	- WIND DIRECT	WIND- SPEED	PRECIP	TEMP	- WIND DIRECT	WIND- SPEED	PRECIP	TEMP	- WIND DIRECT	WIND- SPEED
1	0.	-6	ENE	2	0.	-29	NE	1	0.	-16	ENE	1
2	0.	-17	NF	2	0.	-28	NE	1	0.	-13	ENE	1
3	0.	-22	ESF	1	0.	-29	ENE	1	0.	-11	SW	1
4	0.	-27	F	1	0.	-28	ESE	1	0.	-12		C
5	0.	-29	ENF	1	0.	-29	ENE	1	0.	-17		C
6	0.	-29	ENF	1	0.	-26	NE	1	0.	-22	FNE	1
7	0.	-28	ENF	1	0.	-28	NE	1	0.	-24	NNE	1
8	0.	-30	NF	1	0.	-28	NNE	1	0.	-25	NNE	1
9	0.	-30	NF	1	0.	-28	NE	1	0.	-26	NE	1
10	0.	-30	NF	1	0.	-27	NE	1	0.	-28	NE	1
11	0.	-27	F	1	0.	-27	E	1	0.	-27	NNE	1
12	0.	-25	ENF	1	0.	-23	ENE	1	0.	-27	NE	1
13	0.	-27	F	1	0.	-23	ENE	1	0.	-27	NE	1
14	0.	-29	ENF	1	0.	-25	NE	1	0.	-26	NE	1
15	0.	-31	NF	1	0.	-27	ENE	1	0.	-24	NNE	1
16	0.	-32	NF	1	0.	-28	NE	1	0.	-23	NE	1
17	0.	-31	NF	1	0.	-29	NE	1	0.	-24	ENE	1
18	0.	-32	NF	1	0.	-28	NE	1	0.	-25	NF	1
19	0.	-32	NF	1	0.	-28	ENE	1	0.	-23	NF	1
20	0.	-31	NF	1	0.	-28	NE	1	0.	-21	E	1
21	0.	-31	NF	1	0.	-28	NE	1	0.	-20	NNE	1
22	0.	-30	NF	1	0.	-27	NE	1	0.	-20	NNE	1
23	0.	-30	NNF	1	0.	-23	NE	1	0.	-20	NNE	1
24	0.	-30	NNF	1	0.	-19	NE	1	0.	-20	NNE	1
TOT	0.00			26	0.00			24	0.00			22
AVE		-28	NF	1		-27	NE	1		-22	NE	1
MAX		-6		2		-19		1		-11		1
MIN		-32		1		-29		1		-28		0

- 3-

ALASKA FIELD STATION DECEMBER 1970

10

11

12

HOUR	PRECIP	TEMP	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED
1	0.	-21	NE 1	0.	1	C	0.	5	NE 2
2	0.	-21	NE 1	0.	2	C	0.	5	NE 2
3	0.	-20	C	0.	3	C	0.	-3	NE 1
4	0.	-19	C	0.	3	C	0.	-8	NNE 1
5	0.	-15	NNE 1	0.	3	C	0.	-1	ENE 2
6	0.	-16	F 1	0.	3	C	0.	2	ENE 1
7	0.	-18	NNE 1	0.	3	C	0.	-8	F 1
8	0.	-17	NE 1	0.	0	C	0.	-11	NE 1
9	0.	-15	NE 1	0.	-7	C	0.	-13	NW 1
10	0.	-15	NE 1	0.	-9	C	0.	-12	C
11	0.	-15	NNE 1	0.	-12	C	0.	-9	NNW 1
12	0.	-15	NNE 1	0.	-14	C	0.	-10	NW 1
13	0.	-15	NE 1	0.	-16	C	0.	-14	C
14	0.	-16	ENE 1	0.	-17	C	0.	-17	C
15	0.	-16	M 1	0.	-14	C	0.	-17	C
16	0.	-17	C	0.	0	C	0.	-18	C
17	0.	-17	M 1	0.	0	C	0.	-18	C
18	0.	-16	M 1	0.	-1	C	0.	-17	ESE 1
19	0.	-11	C	0.	-1	C	0.	-18	ESE 1
20	0.	-6	C	0.	0	C	0.	-19	E 1
21	0.	-4	C	0.	0	C	0.	-19	NE 1
22	0.	-2	C	0.	0	C	0.	-18	ENE 1
23	0.	-1	C	0.	2	C	0.	-19	N 1
24	0.	0	C	0.	5	C	0.	-19	C
TOT	0.00		15	0.00		17	0.00		20
AVE		-14			-3			-11	NE
MAX		0			5			5	
MIN		-21			-17			-19	

- 4-

ALASKA FIELD STATION DECEMBER 1970

13

14

15

HOUR	PRECIP	TEMP	WIND- DIRECT SPEED	PRECIP	TEMP	WIND- DIRECT SPEED	PRECIP	TEMP	WIND- DIRECT SPEED
1	0.	-19	N	0.	-10	ENE	0.	-15	ESF
2	0.	-18	NF	0.	-11	NE	0.	-17	NNE
3	0.	-15	ENE	0.	-13		0.	-18	ENE
4	0.	-13	S	0.	-11		0.	-21	NF
5	0.	-13	NW	0.	-9	S	0.	-22	NE
6	0.	-14	NF	0.	-6	WSW	0.	-23	NNE
7	0.	-14	F	0.	-4	NNW	0.	-24	NNE
8	0.	-11	NF	0.	-2	SW	0.	-23	
9	0.	-3	NF	0.	-2	WSW	0.	-17	
10	0.	0	NNF	0.	-5	WSW	0.	-14	
11	0.	2	SW	0.	-7	WSW	0.	-11	M
12	0.	3		0.	-7	WSW	0.	-10	
13	0.	5	SW	0.	-7	WSW	0.	-9	
14	.01	5	ENF	0.	-7	N	0.	-7	M
15	.03	7	NNF	0.	-9	W	0.	-7	M
16	0.	7		0.	-13		0.	-5	
17	0.	7	WSW	0.	-15	NE	0.	-4	M
18	0.	7		0.	-17	NNE	0.	-3	M
19	0.	6	SW	0.	-18	NE	0.	-3	
20	0.	5	SF	0.	-19	NNE	0.	-2	
21	0.	3		0.	-20	NNE	0.	-1	
22	0.	-3	SF	0.	-20		0.	0	M
23	0.	-5		0.	-18		0.		
24	0.	-6		0.	-15		0.		
TOT	.04		18	0.00			0.00		13
AVE		-3	NF		-11	WSW		-11	
MAX		7			-2			0	
MIN		-19			-20			-24	

- 5-

ALASKA FIELD STATION DECEMBER 1970

16

17

18

HOUR	PRECIP	TEMP	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED
1	0.	1	M	0.	5	NE	.03	17	ENE
2	0.	-1	M	.02	5		.02	17	FSE
3	0.	-2	M	.01	4		.05	17	NF
4	0.	-1	M	0.	-3		.05	16	SSE
5	0.	0	M	0.	0		.01	16	SE
6	0.	1	M	0.	2		.03	16	N
7	0.	0	M	0.	-1		.02	17	N
8	0.	1	M	0.	-5		0.	17	ESE
9	.02	1	M	0.	0	ESE	0.	15	
10	.03	2	M	0.	-4		0.	16	NE
11	.03	2	M	0.	-3		0.	14	NE
12	0.	1	M	0.	-4		0.	12	E
13	0.	1	M	0.	-8	ENE	0.	12	
14	0.	1	M	0.	-10	ENE	0.	4	ESE
15	0.	1	M	0.	3		0.	2	ENE
16	0.	1	M	0.	12	ESE	0.	-1	E
17	0.	1	M	0.	15	ESE	0.	-2	E
18	0.	1	M	0.	15	ESE	0.	-3	
19	0.	1	ENF	0.	17	FSE	0.	0	NE
20	0.	1	NNF	0.	18	ESE	0.	4	NE
21	0.	2	F	0.	17	ESE	0.	-1	
22	0.	3	NNF	.01	16	E	0.	-6	
23	0.	3	NNF	.04	17	ENE	0.	-6	
24	0.	3		.04	17	ENE	0.	-2	
TOT	.08			.12			.21		
AVE		1			5	ESE		10	NE
MAX		3			18			17	
MIN		-2			-10			-6	

- 6-

ALASKA FIELD STATION DECEMBER 1970

19

20

21

HOUR	PRECIP	TEMP	- WIND- DIRECT SPEED	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED	- WIND- DIRECT SPEED
1	0.	-3	C	ENE	.07	14	ENE	1	.02	22	WSW	1
2	0.	2	C		.07	15		C	.04	23	WSW	1
3	0.	3	C		.05	15		C	.03	25	WSW	1
4	0.	-6	C		.06	16		C	.04	26	NNW	1
5	0.	-11	C		.03	17		C	.04	26	N	1
6	0.	-14	C		.03	17		C	.03	26	NNW	1
7	0.	-14	C	ESE	.03	18	ESE	1	T	28	WSW	2
8	0.	-15	C		.04	18		C	.01	29	WSW	2
9	0.	-16	C	WSW	.02	19	WSW	1	.01	29	WSW	2
10	0.	-15	C	NNE	.04	20	NNE	1	.01	29	WSW	2
11	0.	-11	C	NE	.05	21	NE	1	0.	29	WSW	2
12	0.	-7	C	NNE	.02	21	NNE	1	0.	28	WSW	2
13	0.	-6	C	NE	0.	22	NE	1	0.	27	WSW	2
14	0.	-6	C	NNE	0.	22	NNE	1	0.	26	WSW	2
15	0.	-3	C	ENE	0.	19	ENE	1	0.	20	WSW	1
16	0.	-2	C	ENE	0.	14	ENE	1	0.	16	WSW	1
17	0.	2	C	ESE	0.	13	ESE	1	0.	18	SSF	1
18	0.	3	1		0.	16		C	0.	13	ENF	1
19	0.	6	1		0.	18		C	0.	6	NE	1
20	0.	7	1		0.	20		C	0.	5	E	1
21	0.	9	1		0.	20		C	0.	9	NNE	1
22	.04	10	C		0.	21		C	0.	13	ENE	1
23	.17	11	C	NNE	0.	21	NNE	1	0.	15	NE	1
24	.08	13	1	NNE	.01	21	NNE	1	0.	17	SF	1
TOT	.29		6		.52			13	.23			31
AVE		-3	0	NNE		18	NNE	1		21	WSW	1
MAX		13	1			22		1		29		2
MIN		-16	0			13		0		5		1

- 7-

ALASKA FIELD STATION DECEMBER 1970

HOUR	22			23			24		
	PRECIP	TEMP	- WIND WIND- DIRCT SPEED	PRECIP	TEMP	- WIND WIND- DIRCT SPEED	PRECIP	TEMP	- WIND WIND- DIRCT SPEED
1	0.	14	SSF 1	0.	12	E 1	0.	33	NW 1
2	0.	15	FSF 1	0.	13	NE 1	.05	33	W 3
3	0.	17	ENF 1	0.	22	ESE 2	.08	29	W 5
4	0.	17	NF 1	0.	23	ESE 3	.03	24	W 10
5	.01	19	N 1	0.	24	ESE 3	0.	23	W 10
6	.06	20	N 1	0.	25	ESE 3	0.	20	W 12
7	.01	21	WSW 1	0.	24	ESE 3	0.	18	W 10
8	0.	21	WSW 1	.02	24	ESE 3	0.	15	W 7
9	0.	23	W 1	.01	25	ESE 5	0.	12	W 9
10	0.	24	W 3	.01	25	ESE 5	0.	11	W 10
11	0.	24	W 2	.03	26	ESE 5	0.	12	W 2
12	0.	24	W 2	.03	27	ESE 5	0.	11	W 2
13	0.	23	W 2	.02	28	ESE 5	0.	11	W 6
14	0.	21	WSW 1	.03	29	ESE 4	0.	11	W 4
15	0.	19	WSW 1	.06	29	ESE 5	0.	10	W 3
16	0.	20	WSW 1	.02	30	ESE 5	0.	10	W 2
17	0.	17	SW 1	0.	31	ESE 6	0.	10	W 1
18	0.	10	SSW 1	0.	31	NW 2	0.	10	C C
19	0.	8	NF 1	0.	31	NNE 1	0.	10	C C
20	0.	9	NF 1	0.	31	SSE 1	0.	9	C C
21	0.	16	W 1	0.	33	SE 2	0.	3	C C
22	0.	17	E 1	0.	34	ESE 3	0.	-4	C C
23	0.	17	N 1	0.	34	ESE 4	0.	-8	C C
24	0.	14	N 1	0.	33	E 1	0.	-4	C C
TOT	.08		29	.23		78	.16		97
AVE		18	W		27	ESE		13	W
MAX		24			34			33	
MIN		8			12			-8	

ALASKA FIELD STATION DECEMBER 1970

	25				26				27			
HOUR	PRECIP	TEMP	- WIND- DIRECT SPEED	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED	- WIND- DIRECT SPEED
1	0.	-4	C	C	.01	2	W	1	0.	-35	NE	1
2	0.	-3	C	C	.01	1	W	1	0.	-34		C
3	0.	0	C	C	0.	0		C	0.	-32		C
4	0.	2	C	C	0.	-1		C	0.	-33		C
5	0.	4	C	C	0.	-2		C	0.	-35		C
6	0.	6	C	C	0.	-4	W	1	0.	-37		C
7	0.	13	C	C	0.	-6	W	1	0.	-35		C
8	0.	11	C	C	0.	-6	W	1	0.	-34		C
9	0.	10	C	C	0.	-7	W	1	0.	-32		C
10	0.	11	C	C	0.	-9	W	1	0.	-29		C
11	0.	13	C	C	0.	-10	W	1	0.	-27		C
12	0.	12	C	C	0.	-11	W	1	0.	-25		C
13	0.	11	C	C	0.	-12	W	2	0.	-25		C
14	0.	11	C	C	0.	-13	W	2	0.	-25	WSW	C
15	0.	13	C	C	0.	-14	W	2	0.	-26		C
16	.01	13	C	C	0.	-14	W	2	0.	-27		C
17	.01	11	C	C	0.	-14	W	1	0.	-27		C
18	.02	10	C	C	0.	-15	W	1	0.	-27	WNW	C
19	.01	8	C	C	0.	-15	W	1	0.	-30		C
20	.01	8	C	C	0.	-15	W	1	0.	-29		C
21	0.	6	C	C	0.	-20	W	1	0.	-29		C
22	0.	4	C	C	0.	-27	W	1	0.	-33	ESE	C
23	0.	3	C	C	0.	-32	E	1	0.	-35		C
24	0.	3	C	C	0.	-35	NNE	1	0.	-33		C
TOT	.06	7	9	9	.02	-12	W	24	0.00	-31	ESE	4
AVE		13	0	0		-35		1		-25		0
MAX		-4	2	2				2		-37		1
MIN								0				0

ALASKA FIELD STATION DECEMBER 1970

28

29

30

HOUR	PRECIP	TEMP	WIND DIRECT	WIND SPEED	PRECIP	TEMP	WIND DIRECT	WIND SPEED	PRECIP	TEMP	WIND DIRECT	WIND SPEED
1	0.	-33		C	0.	-22		C	0.	-44		C
2	0.	-35	E	1	0.	-22		C	0.	-44		C
3	0.	-36	NE	1	0.	-23		C	0.	-43		C
4	0.	-33		C	0.	-24		C	0.	-42		C
5	0.	-29		C	0.	-24		C	0.	-41		C
6	0.	-27		C	0.	-25		C	0.	-40		C
7	0.	-27		C	0.	-27	NW	1	0.	-38		C
8	0.	-30	ESF	1	0.	-30		C	0.	-36		C
9	0.	-33	F	1	0.	-33		C	0.	-35		C
10	0.	-36	N	1	0.	-32		C	0.	-32		C
11	0.	-35	N	1	0.	-29		C	0.	-31		C
12	0.	-34		C	0.	-25		C	0.	-29		C
13	0.	-31		C	0.	-25	N	1	0.	-28		C
14	0.	-29	WSW	1	0.	-27	W	1	0.	-29		C
15	0.	-28	WSW	1	0.	-32	W	1	0.	-34		C
16	0.	-27		C	0.	-34		C	0.	-38		C
17	0.	-27		C	0.	-38		C	0.	-40		C
18	0.	-29		C	0.	-41		C	0.	-43		C
19	0.	-27		C	0.	-42		C	0.	-44		C
20	0.	-26		C	0.	-44		C	0.	-46	N	1
21	0.	-25		C	0.	-45		C	0.	-46		C
22	0.	-25		C	0.	-45		C	0.	-46		C
23	0.	-23	NNE	1	0.	-45		C	0.	-44		C
24	0.	-23		C	0.	-44		C	0.	-46		C
TOT	0.00			9	0.00			4	0.00			1
AVE		-29	N	0		-32	W	0		-39	N	0
MAX		-23		1		-22		1		-28		1
MIN		-36		0		-45		0		-46		0

- 10-

ALASKA FIELD STATION DECEMBER 1970

31

HOUR	PRECIP	TEMP	WIND-- DIRECT	WIND-- SPEED
1	0.	-46		C
2	0.	-44		C
3	0.	-41		C
4	0.	-44		C
5	0.	-46		C
6	0.	-47		C
7	0.	-48		C
8	0.	-49		C
9	0.	-49	N	M
10	0.	-48	N	M
11	0.	-46	N	M
12	0.	-42	NNF	M
13	0.	-43	NNF	M
14	0.	-44	N	M
15	0.	-45	N	M
16	0.	-45	N	M
17	0.	-45	NNF	M
18	0.	-43	NNF	M
19	0.	-41	NNF	M
20	0.	-39	NNF	M
21	0.	-34	F	M
22	0.	-31	WSW	M
23	0.	-32	NNF	M
24	0.	-33	NNF	M
TOT	0.00			
AVE		-43	NNF	
MAX		-31		C
MIN		-49		C

ALASKA FIELD STATION DECEMBER 1970

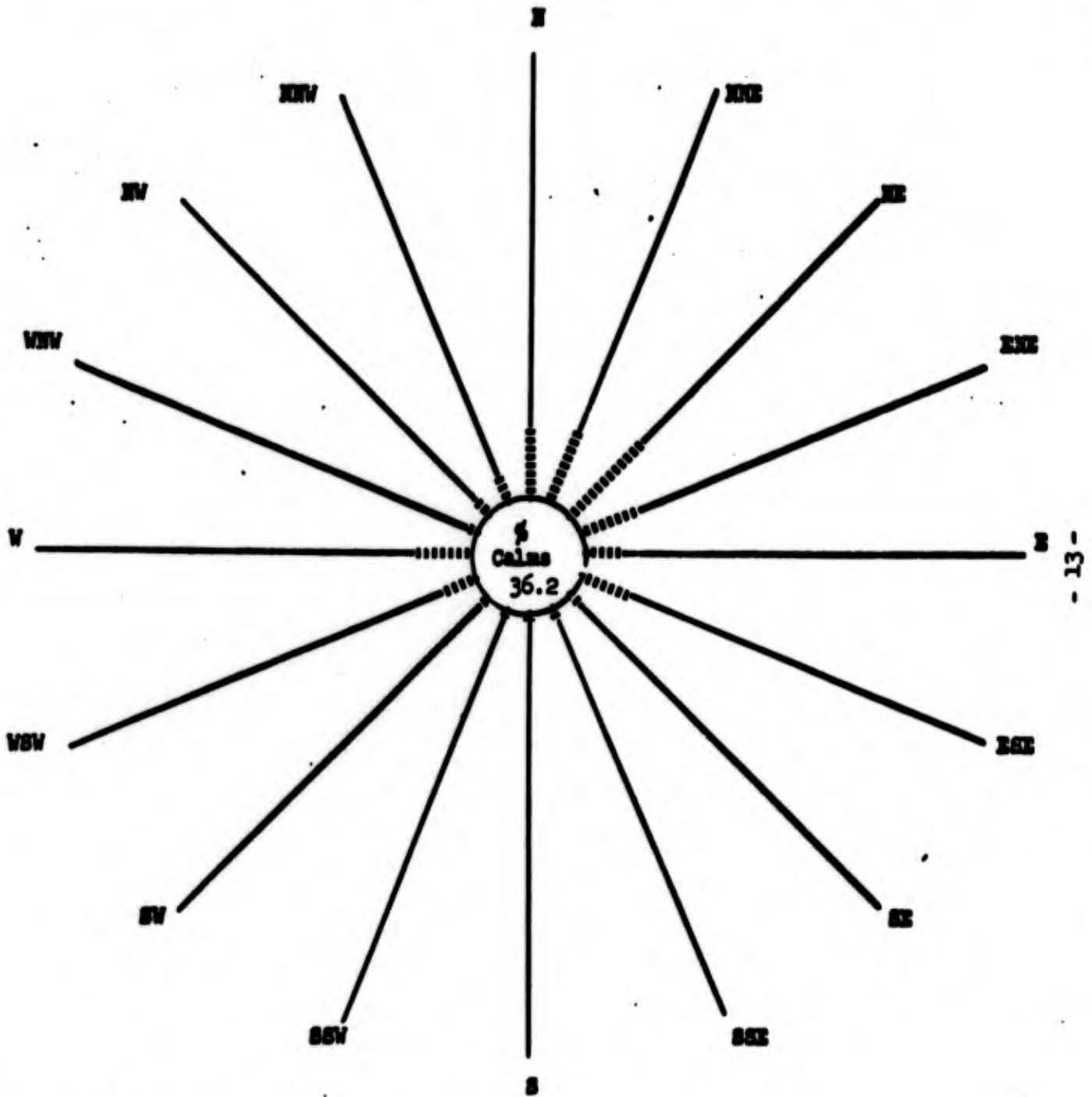
W I N D R O S E

DIR	HOURLY OBSERVATIONS OF WIND SPEEDS												TOT	AVG SPD
	1--3	4--7	8--12	13--18	19--24	25--31	32--38	39--46	OVER 46					
N	FREQ 54 PCT 7.63	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				54	1
NNE	FREQ 63 PCT 8.90	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				7.63	1
NE	FREQ 82 PCT 11.58	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				8.90	1
ENE	FREQ 49 PCT 6.92	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				11.58	1
E	FREQ 26 PCT 3.67	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				7.20	1
ESE	FREQ 28 PCT 3.95	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				26	1
SE	FREQ 6 PCT .85	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				3.67	3
SSE	FREQ 4 PCT .56	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				40	1
S	FREQ 2 PCT .28	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				5.65	1
SSW	FREQ 1 PCT .14	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				6	1
SW	FREQ 6 PCT .85	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				2	1
WSW	FREQ 30 PCT 4.24	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				.85	1
W	FREQ 36 PCT 5.08	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				30	1
WNW	FREQ 9 PCT 1.27	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				4.24	3
NW	FREQ 13 PCT 1.84	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				46	1
NNW	FREQ 19 PCT 2.68	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0				6.50	1
TOT	FREQ 428 PCT 60.45	18 2.54	6 .85	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00				9	1
CALM FREQ	256	PCT	36.16										1.27	1
													13	1
													1.84	1
													19	1
													2.68	1
													452	
													63.84	
													4.84	

ALASKA FIELD STATION

WIND ROSE

DECEMBER 1970



- 13 -

4.8 % of Data Missing

|||||

LEGEND: Each Rip equals one percent of Direction Frequency.

1 to 12 MPH

|||||

13 to 31 MPH

|||||

32 and over

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ALASKA FIELD STATION DECEMBER 1970
HOURLY AVERAGES FOR THE MONTH

HOUR	PRECIP	TEMP	WIND- DIRECT	WIND- SPEED
1	T	-12	NF	1
2	.01	-12	NF	1
3	.01	-12	ENF	1
4	.01	-13	N	1
5	T	-12	ENF	1
6	T	-12	NNF	1
7	T	-12	NNF	1
8	T	-13	NF	1
9	T	-14	NF	1
10	T	-14	NF	1
11	T	-13	N	1
12	T	-12	NNF	1
13	T	-12	NNF	1
14	T	-13	ENF	1
15	T	-13	N	1
16	T	-13	N	1
17	T	-14	ESF	1
18	T	-14	NF	1
19	T	-13	NF	1
20	T	-13	NNF	1
21	0.00	-13	NF	1
22	T	-13	ENF	1
23	.01	-13	NNF	1
24	T	-13	NNF	1

ALASKA FIELD STATION DECEMBER 1970
MONTHLY CLIMATOLOGICAL SUMMARY

PRECIP TEMP WIND WIND-
DIRECT SPEED

TOT 2.04

NF 1
W 12

-12
-2
-22

AVE
AVE MAX
AVE MIN

TOT IS AVERAGE FOR THE MONTH EXCEPT FOR PRECIPITATION
AVE MAX WIND SPEED AND DIRECTION IS ACTUAL MAXIMUM SPEED AND CONCURRENT DIRECTION
THE MAXIMUM SPEED OCCURRED 1 TIME

FOX LOWER DECEMBER 1970

HOUR	1				2				3			
	PRECIP	TEMP	WIND- DIRECT	SPEED	PRECIP	TEMP	WIND- DIRECT	SPEED	PRECIP	TEMP	WIND- DIRECT	SPEED
1	0.	-30	SE	1	0.	-33	E	1	0.	-34	FSF	1
2	0.	-31	SE	1	0.	-34	E	1	0.	-37	FSE	1
3	0.	-30	SE	1	0.	-31	E	2	0.	-38	F	1
4	0.	-31	SE	2	0.	-30	E	3	0.	-39	F	1
5	0.	-31	SE	2	0.	-28	E	2	0.	-39	F	1
6	0.	-32	SE	2	0.	-31	E	2	0.	-37	F	2
7	0.	-33	NE	2	0.	-30	ESE	2	0.	-36	F	2
8	0.	-32	ESE	2	0.	-30	ESE	2	0.	-37	F	2
9	0.	-33	ESE	2	0.	-30	ESE	2	0.	-37	FSE	2
10	0.	-32	ESE	2	0.	-29	ESE	2	0.	-35	FSF	2
11	0.	-32	ESE	2	0.	-28	ESE	2	0.	-34	F	2
12	0.	-31	E	2	0.	-25	ESE	2	0.	-35		1
13	0.	-33	E	1	0.	-21	E	2	0.	-37		C
14	0.	-34	E	1	0.	-23	E	2	0.	-37		C
15	0.	-33	E	1	0.	-27	E	1	0.	-39	E	1
16	0.	-36	ENE	1	0.	-29		C	0.	-39	E	1
17	0.	-37	E	1	0.	-31		C	0.	-40	E	1
18	0.	-36	ESE	1	0.	-32		C	0.	-40	E	1
19	0.	-37	E	1	0.	-34		C	0.	-39	FNE	1
20	0.	-37	E	1	0.	-33	ENE	1	0.	-39	E	1
21	0.	-33	E	1	0.	-35	ENE	1	0.	-40	E	1
22	0.	-32	E	1	0.	-35	ENE	1	0.	-39	FNE	1
23	0.	-34	E	1	0.	-35	ENE	1	0.	-38	FNE	1
24	0.	-34	ENE	1	0.	-34	E	1	0.	-38	FNE	1
TOT	0.00			33	0.00			33	0.00			27
AVG		-33	E	1		-30	E	1		-38	E	1
MAX		-30		2		-21		3		-34		2
MIN		-37		1		-35		0		-40		0

FOX LOWER DECEMBER 1970

4

5

6

HOUR	PRECIP	TEMP	- WIND DIRECT	SPEED	PRECIP	TEMP	- WIND DIRECT	SPEED	PRECIP	TEMP	- WIND DIRECT	SPEED
1	0.	-38	E	1	0.	-37		C	0.	-38		C
2	0.	-38	E	1	0.	-38		C	0.	-38		C
3	0.	-37	E	1	0.	-38		C	0.	-16	NE	1
4	0.	-37		C	0.	-34		C	0.	-10	NE	6
5	0.	-37		C	0.	-29		C	0.	-11	NE	8
6	0.	-37		C	0.	-24		C	0.	-11	NE	9
7	0.	-38		C	0.	-24		C	0.	-11	NE	8
8	0.	-38		C	0.	-24		C	0.	-11	NE	8
9	0.	-38	E	1	0.	-30		C	0.	-10	NE	8
10	0.	-39	E	1	0.	-32		C	0.	-10	NE	9
11	0.	-37	E	1	0.	-33	ESE	1	0.	-9	NE	11
12	0.	-37	E	1	0.	-35	SE	1	0.	-9	NE	6
13	0.	-37	E	1	0.	-36	ESE	1	0.	-8	NE	6
14	0.	-37	E	1	0.	-37	ESE	1	0.	-7	NE	6
15	0.	-38	E	1	0.	-37	ESE	1	0.	-6	NE	6
16	0.	-39	E	1	0.	-34	E	2	0.	-6	NE	7
17	0.	-39	E	1	0.	-36		C	0.	-5	NE	9
18	0.	-38	E	1	0.	-36		C	0.	-5	NE	10
19	0.	-34	E	1	0.	-32	NE	1	0.	-6	NE	10
20	0.	-35	E	1	0.	-31	ENE	1	0.	-6	NE	10
21	0.	-36	E	1	0.	-33	ENE	1	0.	-6	NE	9
22	0.	-36	E	1	0.	-35	W	1	0.	-6	NE	8
23	0.	-37	E	1	0.	-37	E	1	0.	-6	NE	8
24	0.	-37	ENE	1	0.	-35	SE	1	0.	-6	NE	8
TOT	0.00			18	0.00			12	0.00			171
AVF		-37	E	1		-32	ESE	1		-11	NE	7
MAX		-34		1		-24		2		-5		11
MIN		-39		0		-38		0		-38		0

- 17-

FOX LOWER DECEMBER 1970

7

8

9

7	8	9
WIND- PRECIP TEMP WIND- PRECIP TEMP WIND- PRECIP TEMP	WIND- PRECIP TEMP WIND- PRECIP TEMP WIND- PRECIP TEMP	WIND- PRECIP TEMP WIND- PRECIP TEMP WIND- PRECIP TEMP
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
TOT	AVF	MAX
MIN		

- 14-

FOX LOWER DECEMBER 1970

13

14

15

13	14	15
WIND WIND- PRECIP TEMP DIRECT SPEED	WIND WIND- PRECIP TEMP DIRECT SPEED	WIND WIND- PRECIP TEMP DIRECT SPEED
1 0. 0 -9 0 ENE 5	0. 0 6 ENE 5	0. -13 C
2 0. -4 -9 ENE 1	0. 3 ENE 2	0. -13 E
3 0. 5 -4 ENE 4	0. 7 NE 4	0. -16 E
4 0. 3 5 ENE 4	0. 9 NE 4	0. -17 E
5 0. 1 3 ENE 3	0. 8 NE 4	0. -18 F
6 0. 0 1 ENE 3	0. 9 NE 5	0. -20 ENF
7 0. 0 0 ENE 4	0. 9 NE 4	0. -20 F
8 0. -1 -2 ENE 2	0. 10 NNE 4	0. -17 F
9 0. 6 6 ENE 4	0. 9 NNE 4	0. -12 FNE
10 0. 11 12 ENE 5	0. -1 NNE 2	0. -9 F
11 0. 12 13 ENE 5	0. 9 NNE 1	0. -8 SSF
12 0. 14 14 ENE 3	0. 4 SW 2	0. -7 WSW
13 0. 14 14 ENE 3	0. -2 SW 1	0. -6 NNE
14 0. 14 14 ENE 2	0. -2 SW 1	0. -6 NNE
15 0. 14 14 ENE 4	0. -4 SW 3	0. -6 NNE
16 0. 14 14 ENE 4	0. -9 SW C	0. -6 SW
17 0. 14 14 ENE 4	0. -11 S 1	0. -5 NE
18 0. 14 14 ENE 4	0. -14 ESE 1	0. -4 NE
19 0. 14 14 ENE 4	0. -14 ESE 1	0. -3 W
20 0. 14 14 ENE 4	0. -16 ESE 1	0. -3 E
21 0. 14 14 ENE 4	0. -16 ESE 1	0. -2 C
22 0. 14 14 ENE 3	0. -17 ESE 1	0. -2 C
23 0. 14 14 ENE 3	0. -15 ESE 1	0. -1 C
24 0. 14 14 ENE 2	0. -14 ESE 1	0. 0 C
TOT 0.03 7 84	0.00 54	0.00 18
AVE 7 7	-2 NE	-9 E
MAX 14	10	0
MIN -9	-17	-20
	-20-	

FOX LOWER DECEMBER 1970

16

17

18

HOUR	PRECIP	TEMP	- WIND WIND- DIRECT SPEED	PRECIP	TEMP	- WIND WIND- DIRECT SPEED	PRECIP	TEMP	- WIND WIND- DIRECT SPEED
1	0.	1	NE	0.	3	C	.02	17	C
2	0.	1	SSW	.02	4	SW	.04	17	W
3	0.	1		.01	1	C	.05	17	W
4	0.	2		0.	0	S	.03	17	W
5	0.	2	ENE	0.	3	SE	.02	17	SE
6	0.	2		0.	5	SSE	.02	17	
7	0.	2		0.	5	SSE	0.	17	
8	0.	3	WSW	0.	3	SSE	0.	17	
9	.01	3	W	0.	1	SSE	0.	17	
10	.02	3	W	0.	2	SSE	0.	16	
11	.03	3	W	0.	4	SSE	0.	15	
12	0.	3	W	0.	3	SSE	0.	17	
13	0.	3	W	0.	0	SW	0.	17	
14	0.	2	W	0.	9	SW	0.	11	
15	0.	1		0.	14	ESE	0.	6	S
16	0.	0		0.	15	ESE	0.	2	S
17	0.	-2	S	0.	16	ESE	0.	5	S
18	0.	-1	SSW	0.	16	ESE	0.	8	S
19	0.	0	S	0.	17	ESE	0.	11	W
20	0.	1	S	0.	10	ESE	0.	13	
21	0.	1		0.	20	SSE	0.	6	W
22	0.	1		.01	20	SSE	0.	2	SSW
23	0.	2		.04	18	W	0.	3	SSW
24	0.	2		.03	18	W	0.	3	SSW
TOT	.06			.11			.18		
AVE		2	W		9	SSE		12	W
MAX		3			20			17	
MIN		-2			0			2	

12

22

24

三

FOX LOWER DECEMBER 1970

25

26

27

HOUR	PRECIP	TEMP	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED
1	0.	-3	ENE	.01	-1	W	0.	-36	FSE
2	0.	-5	ENE	.01	-2	W	0.	-34	ESE
3	0.	-2	C	0.	-3	W	0.	-31	FSE
4	0.	4	C	0.	-4	NE	0.	-31	FSE
5	0.	6	N	0.	-6	W	0.	-32	FSE
6	0.	7	NNE	0.	-8	W	0.	-33	FSE
7	0.	7	NE	0.	-9	W	0.	-32	SE
8	0.	8	NE	0.	-10	W	0.	-31	E
9	0.	8	NE	0.	-10	W	0.	-29	NE
10	0.	10	NE	0.	-12	W	0.	-26	NE
11	0.	10	NE	0.	-13	W	0.	-25	NE
12	0.	10	NE	0.	-14	W	0.	-24	NE
13	0.	10	NE	0.	-16	WSW	0.	-23	NNE
14	0.	10	NNE	0.	-18	WSW	0.	-24	NNE
15	0.	11	NNE	0.	-18	WSW	0.	-25	NE
16	0.	11	NNE	0.	-19	WSW	0.	-27	WSW
17	0.	10	NNE	0.	-19	WSW	0.	-28	FNE
18	.01	7	NNE	0.	-19	WSW	0.	-29	FSE
19	.01	6	NNE	0.	-19	WSW	0.	-34	WSW
20	.01	3	NNE	0.	-19	SSW	0.	-31	SSW
21	0.	1	NE	0.	-21	S	0.	-31	FSE
22	0.	-1	W	0.	-27	SSE	0.	-37	E
23	0.	-2	W	0.	-32	ESE	0.	-37	E
24	.01	-2	W	0.	-35	E	0.	-36	E
TOT	.04			.02			0.00		
AVG		5	NE		-15	W		-30	FSE
MAX		11			-1			-23	
MIN		-5			-35			-37	
					-24				

FOX LOWER DECEMBER 1970

28				29				30			
HOURL	PRECIP	TEMP	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED	PRECIP	TEMP	- WIND- DIRECT SPEED	PRECIP	TEMP
1	0.	-38	ESE	0.	-23	NE	0.	-45	C	0.	-45
2	0.	-37	C	0.	-23	NE	0.	-43	C	0.	-43
3	0.	-39	ENE	0.	-24	NE	0.	-44	C	0.	-44
4	0.	-36	ENE	0.	-24		0.	-43	1	0.	-43
5	0.	-33	S	0.	-23		0.	-41	1	0.	-41
6	0.	-32	SW	0.	-23	ENE	0.	-38	1	0.	-38
7	0.	-31	WSW	0.	-22		0.	-36	1	0.	-36
8	0.	-33	ESE	0.	-24		0.	-37	1	0.	-37
9	0.	-36	ESF	0.	-26		0.	-35	1	0.	-35
10	0.	-37	E	0.	-27	E	0.	-32	1	0.	-32
11	0.	-35	E	0.	-26	SW	0.	-30	2	0.	-30
12	0.	-32		0.	-23		0.	-29	1	0.	-29
13	0.	-30	C	0.	-23		0.	-29	C	0.	-29
14	0.	-28	C	0.	-25	WSW	0.	-28	C	0.	-28
15	0.	-27	ENE	0.	-28	ESE	0.	-31	1	0.	-31
16	0.	-27		0.	-33	S	0.	-34	1	0.	-34
17	0.	-27	WSW	0.	-36	ESE	0.	-37	2	0.	-37
18	0.	-26	WSW	0.	-38	ESE	0.	-40	2	0.	-40
19	0.	-26	NNE	0.	-38	ESE	0.	-39	2	0.	-39
20	0.	-26	WSW	0.	-40		0.	-39	2	0.	-39
21	0.	-25		0.	-42	ESE	0.	-40	2	0.	-40
22	0.	-24	C	0.	-44		0.	-41	2	0.	-41
23	0.	-24	C	0.	-44		0.	-42	2	0.	-42
24	0.	-24	C	0.	-44	E	0.	-38	1	0.	-38
TOT	0.00		15	0.00			0.00		25	0.00	
AVG		-31	WSW		-35	ESE		-37	E		-37
MAX		-24			-22			-28			-28
MIN		-39			-44			-45			-45

- 25-

FOX LOWER DECEMBER 1970

31

HOUR	PRECIP	TEMP	- WIND- DIRECT SPCFN	WIND- SPC
1	0.	-37	E	2
2	0.	-40	E	2
3	0.	-40	E	1
4	0.	-39	E	2
5	0.	-43	E	1
6	0.	-45	NE	1
7	0.	-45	ENE	1
8	0.	-40	ENE	1
9	0.	-44	ENE	1
10	0.	-41	ENE	1
11	0.	-40		1
12	0.	-38	NE	1
13	0.	-34	NE	1
14	0.	-33	ENE	2
15	0.	-33	E	2
16	0.	-33	E	2
17	0.	-33	E	2
18	0.	-34	E	2
19	0.	-38	E	2
20	0.	-30	E	2
21	0.	-29	E	2
22	0.	-27	E	2
23	0.	-26	E	2
24	0.	-27	E	2
TOT	0.00			37
AVE		-36	E	2
MAX		-26		2
MIN		-45		0

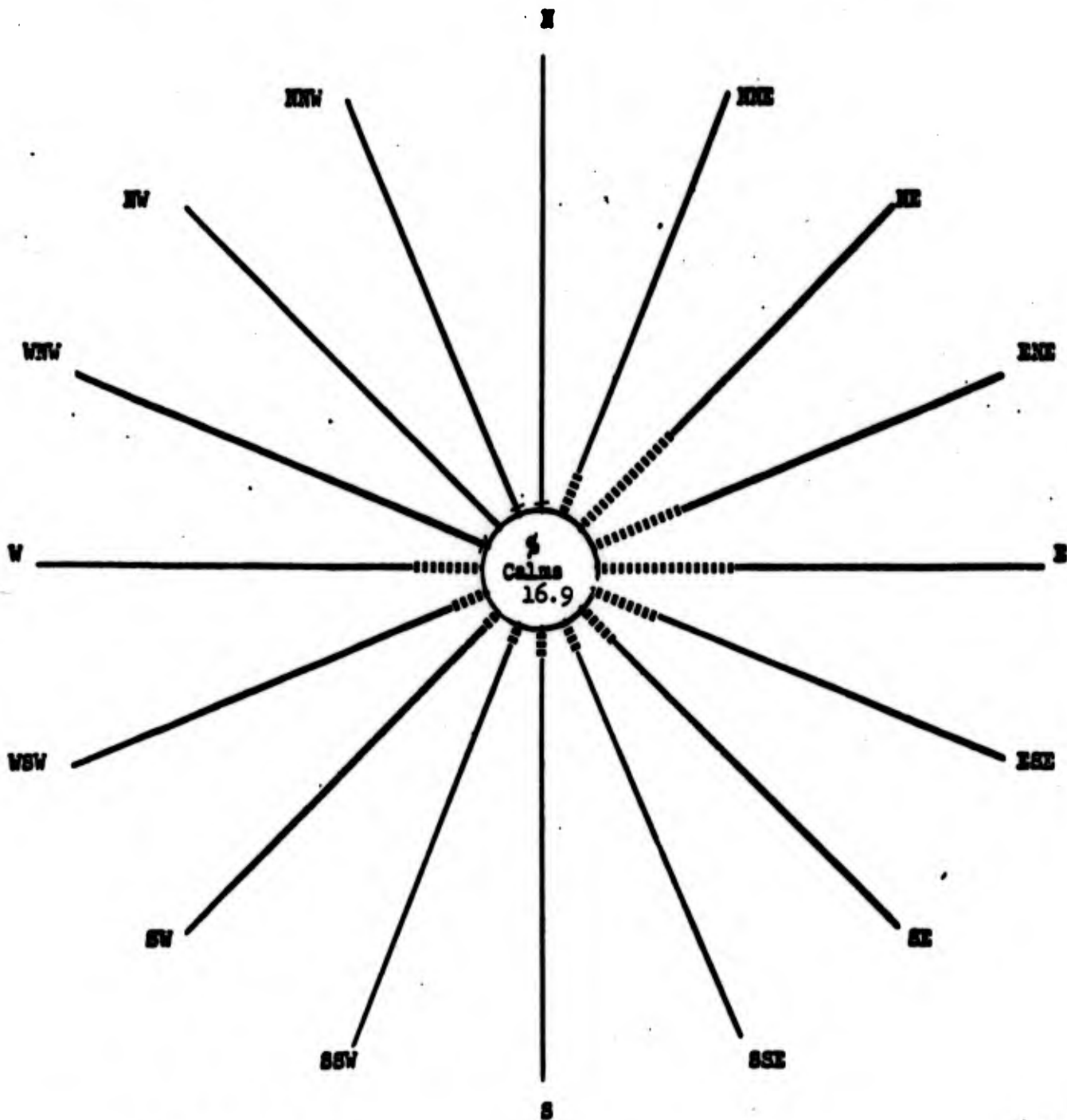
WIND ROSE FOX LOWER DECEMBER 1970

DIR	HOURLY OBSERVATIONS OF WIND SPEEDS												TOT	AVG SPD
	1--3	4--7	8--12	13--18	19--24	25--31	32--38	39--46	OVER 46					
N	FREQ 3	0	0	0	0	0	0	0	0	0	0	0	3	1
	PCT .40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.40	
NNE	FREQ 26	9	0	0	0	0	0	0	0	0	0	0	35	3
	PCT 3.49	1.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.70	
NE	FREQ 55	43	17	0	0	0	0	0	0	0	0	0	115	4
	PCT 7.39	5.78	4.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.46	
ENE	FREQ 65	15	0	0	0	0	0	0	0	0	0	0	80	2
	PCT 8.74	2.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.75	
E	FREQ 117	1	0	0	0	0	0	0	0	0	0	0	118	1
	PCT 15.73	.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.86	
ESE	FREQ 58	3	0	0	0	0	0	0	0	0	0	0	61	2
	PCT 7.80	.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.20	
SE	FREQ 34	0	0	0	0	0	0	0	0	0	0	0	34	1
	PCT 4.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.57	
SSE	FREQ 24	0	0	0	0	0	0	0	0	0	0	0	24	1
	PCT 3.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.23	
S	FREQ 20	0	0	0	0	0	0	0	0	0	0	0	20	1
	PCT 2.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.69	
SSW	FREQ 17	0	0	0	0	0	0	0	0	0	0	0	17	1
	PCT 2.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.28	
SW	FREQ 16	1	0	0	0	0	0	0	0	0	0	0	17	1
	PCT 2.15	.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.28	
WSW	FREQ 13	12	8	0	0	0	0	0	0	0	0	0	33	5
	PCT 1.75	1.61	1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.44	
W	FREQ 46	11	0	0	0	0	0	0	0	0	0	0	57	2
	PCT 6.14	1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.66	
WNW	FREQ 1	0	0	0	0	0	0	0	0	0	0	0	1	1
	PCT .13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.13	
NW	FREQ 0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PCT 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NNW	FREQ 3	0	0	0	0	0	0	0	0	0	0	0	3	1
	PCT .40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.40	
TOT	FREQ 498	95	25	0	0	0	0	0	0	0	0	0	618	
	PCT 66.94	12.77	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.06	
CALM	FREQ 126	PCT	16.94	MISSING FREQ			0 PCT						0.00	

FOX LOWER

WIND ROSE

DECEMBER 1970



- 28 -

- 0 - % of Data Missing

|||||

LEGEND: Each Blip equals one percent of Direction Frequency.

1 to 12 MPH

13 to 31 MPH

32 and over

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FOX LOWER DECEMBER 1970
MONTHLY CLIMATOLOGICAL SUMMARY

	PRECIP	TEMP	- 1000 WIND -	
			DIRECT	SPEED
TOT	2.00			
AVE		-9		2
MAX		-1	WSN	12
AVE MIN		-19		

TOT IS AVERAGE FOR THE MONTH EXCEPT FOR PRECIPITATION
AVE MAX WIND SPEED AND DIRECTION IS ACTUAL MAXIMUM SPEED AND CONCURRENT DIRECTION
THE MAXIMUM SPEED OCCURRED 2 TIMES

ARCTIC MEDICAL WSCN LAH DECEMBER 1970

HOUR	1			2			3		
	TEMP	- WIND DIRECT	WIND- SPEED CHILL	TEMP	- WIND DIRECT	WIND- SPEED CHILL	TEMP	- WIND DIRECT	WIND- SPEED CHILL
1	-32	M	1045	-38	M	1124	-39	M	1115
2	-34	M	1050	-38	M	1098	-40	C	1051
3	-34	M	1094	-42	M	1227	-40	M	1127
4	-35	M	1105	-40	M	1154	-41	C	766
5	-35	M	1103	-38	M	1119	-41	C	811
6	-37	M	1119	-40	M	1114	-41	M	1212
7	-35	M	1040	-39	M	1120	-42	M	1144
8	-36	M	1074	-40	M	1127	-43	C	1051
9	-36	C	1011	-41	M	1153	-43	C	963
10	-36	C	963	-41	C	891	-42	C	956
11	-35	C	901	-39	M	1121	-39	M	1099
12	-36	M	1108	-37	M	1103	-38	M	1116
13	-35	C	924	-34	M	1097	-38	C	1052
14	-35	M	1061	-32	M	1264	-39	C	997
15	-35	M	1092	-32	M	1060	-39	C	1052
16	-34	C	945	-34	M	1057	-39	C	814
17	-35	M	1056	-34	M	1105	-40	M	1109
18	-35	M	1054	-36	M	1155	-39	M	1117
19	-36	C	1049	-36	M	792	-40	C	1020
20	-34	C	990	-37	C	814	-40	C	1138
21	-41	M	1114	-37	C	809	-42	M	1219
22	-41	C	1079	-38	M	1047	-41	C	989
23	-41	M	1124	-34	C	997	-42	C	1049
24	-39	M	1115	-34	C	752	-43	C	987
TOT		16			19			10	
AVE	-36	1	1053	-37	1	1058	-40	0	1040
MAX	-32	1	1120	-32	2	1264	-38	1	1219
MIN	-41	0	811	-42	0	752	-43	0	766

ARCTIC METEOROLOGICAL RECORD LAKE DECEMBER 1970

4

5

6

HOURLY	TEMP	- WIND- DIRECT SPEED	WIND- CHILL	TEMP	- WIND- DIRECT SPEED	WIND- CHILL	TEMP	- WIND- DIRECT SPEED	WIND- CHILL
1	-43		1052	-40		1115	-40		1003
2	-43	M	1130	-40		977	-42	M	1240
3	-43	M	1164	-40		974	-41	M	1118
4	-43		1175	-39		983	-41	M	1171
5	-44		943	-36	M	1088	-41	M	1110
6	-44		1001	-32		934	-43	M	1207
7	-44	M	1143	-29		944	-42	M	1243
8	-44		1179	-27		869	-42	M	1206
9	-42	M	1144	-29	M	1031	-43	M	1145
10	-42	M	1170	-30	M	1048	-42	M	1114
11	-43		995	-31	M	1070	-41		997
12	-40		941	-32	M	1060	-39	C	971
13	-40		982	-33		972	-34	M	1075
14	-40		948	-34		980	-32		716
15	-41		821	-35		904	-32	C	718
16	-41		968	-30		992	-33	C	774
17	-41		885	-36		1002	-29	C	765
18	-41		935	-37	M	1116	-30	C	1002
19	-41		955	-39	M	1136	-30	M	1036
20	-41		951	-37	M	1105	-22	M	994
21	-40		896	-37	M	1092	-10	M	1042
22	-40		845	-39		945	-12	M	1005
23	-40		819	-39		981	-9	M	1300
24	-40	M	1124	-39		855	-11	M	1272
TOT		6			10			24	
AVE	-42	0	1007	-35	0	1013	-33	1	1052
MAX	-40	1	1143	-27	1	1136	-9	5	1300
MIN	-44	0	821	-40	0	855	-43	0	716

ARCTIC MEDICAL WSCN LAB DECEMBER 1970

7

M

9

WIND	TEMP	- WIND DIRECT	WIND- SPEED	WIND CHILL	TEMP	- WIND DIRECT	WIND- SPEED	WIND CHILL	TEMP	- WIND DIRECT	WIND- SPEED	WIND CHILL
1	-13	M	5	1320	-10	M	2	1079	-5	M	2	975
2	-11	M	2	1047	-13	M	4	1277	-2	M	3	1062
3	-16	M	1	1008	-11	M	4	1244	-3	M	3	1080
4	-20	M	1	978	-12	M	3	1165	-3	M	3	1094
5	-21	M	1	1050	-20	M	1	1103	-6	M	2	1055
6	-24	M	1	995	-20	M	1	1014	-7	M	2	1022
7	-24	M	1	1091	-14	M	1	932	-5	M	4	1175
8	-25	M	1	1064	-10	M	2	1089	-11	M	4	1271
9	-21	M	1	981	-11	M	2	1091	-15	M	2	1072
10	-20	M	1	946	-12	M	2	1100	-13	M	1	981
11	-17	M	M	M	-14	M	1	941	-18	M	2	1112
12	-15	M	M	M	-15	M	1	976	-19	M	1	1041
13	-15	M	M	M	-14	M	2	1062	-19	M	1	1071
14	-14	M	2	1064	-14	M	1	1037	-20	M	1	1089
15	-16	M	2	1099	-17	M	1	1013	-16	M	2	1125
16	-21	M	1	1116	-18	M	1	1080	-16	M	2	1112
17	-17	M	1	963	-12	M	2	1075	-17	M	1	1049
18	-16	M	2	1125	-17	M	2	1102	-19	M	1	996
19	-14	M	1	1040	-20	M	1	1104	-14	M	1	957
20	-17	M	1	1053	-22	M	1	1109	-17	M	1	939
21	-17	M	1	1074	-22	M	1	1086	-16	M	1	916
22	-10	M	1	1025	-22	M	1	1001	-16	M	1	912
23	-11	M	2	1126	-7	M	2	1045	-18	M	1	932
24	-12	M	3	1140	-10	M	2	1115	-19	M	C	710
TOT							41				42	
AVF	-17		2	1064	-15		2	1080	-13		2	1031
MAX	-11		5	1320	-7		4	1277	-2		4	1271
MIN	-25		1	946	-22		1	932	-20		0	710

-33-

ARCTIC MEDICAL HSCM LAB DECEMBER 1970

10

11

12

HR	TEMP	- WIND- DIRECT SPEED	WIND CHILL	TEMP	- WIND- DIRECT SPEED	WIND CHILL	TEMP	- WIND- DIRECT SPEED	WIND CHILL
1	-10	1	940	5	2	891	-4	1	810
2	-20	1	938	5	3	945	-2	1	806
3	-20	1	938	5	2	939	-5	1	854
4	-17	1	926	5	2	924	-7	1	833
5	-15	1	922	4	2	911	-4	1	825
6	-16	1	962	4	2	893	-6	1	802
7	-11	2	1070	4	1	874	-10	1	892
8	-13	2	114	2	C	561	-12	1	1031
9	-13	1	977	-2	1	792	-13	1	901
10	-13	1	901	-4	C	600	-12	C	731
11	-13	1	901	-7	C	740	-10	1	886
12	-11	C	827	-6	1	840	-11	C	847
13	-9	1	873	-8	1	844	-12	C	625
14	-11	1	914	-11	1	1012	-13	1	808
15	-12	1	963	-7	1	907	-14	C	637
16	-12	1	921	-7	1	869	-15	C	705
17	-9	1	907	-7	1	821	-15	C	775
18	-9	1	907	-8	C	818	-15	C	852
19	-7	1	857	-9	1	860	-16	1	909
20	-3	1	844	-10	1	854	-16	1	930
21	2	1	817	-11	1	867	-14	1	930
22	3	2	972	-10	C	808	-16	1	929
23	4	2	941	-8	1	832	-16	1	946
24	4	3	984	-5	1	805	-16	1	916
TOT		29			26			17	
AVE	-10	1	930	-4	1	844	-11	1	859
MAX	4	3	1144	5	3	1012	-2	1	1031
MIN	-20	0	817	-11	0	561	-16	0	635

ARCTIC METEOROLOGICAL RECORD FOR DECEMBER 1970

13

14

15

HOUR	TEMP	WIND DIRECT	WIND- SPEED	WIND CHILL	TEMP	WIND DIRECT	WIND- SPEED	WIND CHILL	TEMP	WIND DIRECT	WIND- SPEED	WIND CHILL
1	-15	M	1	967	-8	M	1	848	-13	M	1	886
2	-15	M	1	1031	-10	M	1	862	-11	M	1	898
3	-14	M	1	922	-9	M	1	886	-15	M	1	915
4	-14	M	1	1006	-9	M	1	791	-16	C	C	817
5	-13	M	2	1054	-6	M	1	944	-17	C	C	761
6	-13	M	1	946	-4	M	1	818	-18	C	C	675
7	-11	M	1	917	-3	M	1	818	-19	C	C	891
8	-7	M	1	923	-3	M	1	820	-18	C	C	886
9	-3	M	1	836	-7	M	1	908	-13	M	1	883
10	-3	M	1	839	-9	M	1	979	-11	M	2	1048
11	-1	M	1	822	-6	M	1	974	-10	M	3	1153
12	1	M	1	811	-7	M	1	965	-8	M	2	1003
13	2	M	1	876	-7	M	2	997	-7	M	1	984
14	2	M	1	884	-6	M	2	1003	-6	M	1	862
15	2	M	1	872	-7	M	1	888	-6	C	C	799
16	4	M	1	734	-8	M	1	867	-6	C	C	769
17	4	M	1	856	-9	M	1	826	-5	C	C	742
18	3	M	1	771	-11	M	1	762	-4	M	1	791
19	2	M	1	829	-13	M	1	786	-3	M	1	791
20	1	M	1	796	-11	M	1	926	-2	M	1	879
21	-1	M	1	812	-15	M	1	1011	-1	M	1	841
22	-2	M	1	658	-15	M	1	928	-1	M	1	742
23	-4	M	1	552	-13	M	1	871	0	M	1	864
24	-6	M	1	641	-12	M	1	716	1	M	1	844
TOT		22				21				19		
AVE	-4	1		885	-9	1		879	-9	1		863
MAX	4	2		1050	-3	2		1011	1	3		1153
MIN	-15	0		552	-15	0		716	-10	0		675

- 35 -

ARCTIC METEOROLOGICAL RECORD JANUARY DECEMBER 1970

HOUR	16			17			18		
	TEMP	- WIND- DIRECT SPEED	WIND- CHILL	TEMP	- WIND- DIRECT SPEED	WIND- CHILL	TEMP	- WIND- DIRECT SPEED	WIND- CHILL
1	1		796	4	C	639	17	M	925
2	-1	C	721	5	C	630	17	M	776
3	1	C	744	4	C	718	17	M	716
4	2	C	662	0	C	654	18	M	758
5	2	1	611	2	C	648	18	M	714
6	2	1	755	2	C	730	18	M	825
7	2	C	737	0	C	571	14	M	851
8	2	1	744	0	C	686	12	M	847
9	2	1	762	0	C	756	11	M	832
10	3	1	794	1	1	818	16	M	717
11	2	1	442	4	1	867	13	M	784
12	3	1	438	3	2	902	16	M	793
13	2	1	740	-1	C	751	13	M	823
14	2	1	795	3	1	841	10	M	778
15	2	1	771	6	5	1110	9	M	803
16	2	2	925	9	7	1145	10	M	741
17	2	3	999	10	8	1159	3	C	708
18	2	3	1024	11	9	1170	0	C	529
19	2	3	1036	14	6	1060	1	C	526
20	2	3	987	15	5	982	0	C	533
21	3	2	962	16	4	936	-3	C	547
22	3	3	994	15	2	784	-3	C	549
23	3	2	939	16	3	865	-5	C	561
24	4	C	727	17	5	948	-2	C	543
TOT	32	32		7	59		9	29	
AVE	2	1	842	7	2	849	9	1	716
MAX	4	3	1036	17	9	1170	18	4	925
MIN	-1	0	662	-1	0	571	-5	0	526

ARCTIC MEDICAL NSCH LAR DECEMBER 1970

HOUR	19			20			21		
	TEMP	- WIND- DIRECT SPEED	WIND- CHILL	TEMP	- WIND- DIRECT SPEED	WIND- CHILL	TEMP	- WIND- DIRECT SPEED	WIND- CHILL
1	1	C	573	15	M	772	25	M	591
2	2	C	718	16	M	809	27	M	598
3	1	C	696	17	M	902	28	M	665
4	-2	C	580	18	M	919	29	M	630
5	-6	C	564	19	M	945	29	M	635
6	-10	C	584	18	M	929	29	M	709
7	-13	C	608	19	M	806	31	M	789
8	-13	C	608	21	M	898	31	M	806
9	-12	C	600	21	M	891	30	M	847
10	-12	C	603	22	M	786	31	M	870
11	-15	C	616	22	M	849	30	M	870
12	-14	C	611	23	M	811	29	M	881
13	-14	M	693	22	M	760	28	M	871
14	-10	C	643	20	M	875	27	M	799
15	-7	C	642	17	M	831	25	M	665
16	-3	C	702	16	M	677	21	M	653
17	2	C	717	18	M	597	15	M	702
18	3	M	779	20	M	717	12	M	692
19	5	M	815	20	M	606	9	M	728
20	7	M	831	21	M	599	8	M	825
21	0	M	779	21	M	640	13	M	857
22	11	M	752	21	M	620	14	M	725
23	13	M	712	22	M	644	16	M	690
24	14	M	654	23	M	597	18	M	793
TOT		8			63			76	
AVE	-3	0	644	20	3	774	23	3	745
MAX	14	1	843	23	5	945	31	8	881
MIN	-	0	564	15	0	547	8	1	591

ARCTIC MEDICAL WSCM LAB DECEMBER 1970

HOUR	22		23		24	
	TEMP	- WIND- DIRECT SPEED CHILL	TEMP	- WIND- DIRECT SPEED CHILL	TEMP	- WIND- DIRECT SPEED CHILL
1	19	0	13	C	35	M
2	17	0	14	M	34	M
3	18	0	20	M	30	M
4	18	0	21	M	26	M
5	21	0	22	M	23	M
6	23	0	23	M	21	M
7	24	0	23	M	18	M
8	24	0	24	M	15	M
9	24	0	24	M	12	M
10	24	0	25	M	12	M
11	25	0	26	M	12	M
12	25	0	27	M	12	M
13	25	0	28	M	12	M
14	23	0	29	M	11	M
15	22	0	29	M	11	M
16	17	0	30	M	10	M
17	11	0	30	M	11	M
18	13	0	31	M	11	M
19	13	0	31	M	11	M
20	14	0	32	M	10	M
21	15	0	33	M	5	M
22	16	0	33	M	1	M
23	17	0	34	M	0	M
24	16	0	34	M	1	C
TOT				160		209
AVE	19	772	26	865	14	9
MAX	25	916	34	1028	35	23
MIN	11	605	13	641	0	0

NOT REPRODUCIBLE

ARCTIC METEOROLOGICAL DATA FOR DECEMBER 1970

HOUR	25			26			27		
	TEMP	- WIND DIRECT	WIND- SPEED CHILL	TEMP	- WIND DIRECT	WIND- SPEED CHILL	TEMP	- WIND DIRECT	WIND- SPEED CHILL
1	0	C	742	2	M	1110	-29	C	698
2	1	C	719	1	M	1117	-28	C	690
3	2	M	744	0	M	1093	-28	C	694
4	5	C	692	-1	M	1121	-30	C	703
5	6	M	759	-2	M	1245	-31	C	710
6	6	M	715	-4	M	1355	-33	C	721
7	4	C	486	-5	M	1289	-34	C	729
8	4	C	590	-6	M	1178	-32	C	716
9	0	C	636	-7	M	1319	-30	C	703
10	11	C	614	-8	M	1351	-28	C	694
11	12	M	740	-10	M	1319	-28	M	1141
12	11	M	695	-11	M	1461	-28	M	1366
13	12	M	511	-13	M	1467	-28	M	1090
14	12	M	693	-13	M	1468	-29	M	1188
15	12	M	425	-14	M	1459	-29	M	1033
16	12	M	861	-14	M	1440	-30	M	1092
17	10	M	874	-14	M	1259	-29	M	1194
18	9	M	932	-14	M	1176	-30	M	1128
19	8	M	1042	-15	M	1263	-30	M	1162
20	7	M	1011	-15	M	1293	-29	M	1148
21	6	M	1001	-17	M	1168	-29	M	1079
22	4	M	993	-20	M	990	-31	M	1027
23	3	M	1229	-25	C	971	-32	C	943
24	3	M	1168	-29	C	890	-30	C	893
TOT	41	41		-11	110		-30	14	
AVE	4	2	693	-11	5	1242	-30	1	949
MAX	13	7	1229	2	8	1468	-28	3	1366
MIN	0	0	446	-29	0	890	-34	0	690

-39-

NOT REPRODUCIBLE

ARCTIC METEOROLOGICAL RECORD JANUARY DECEMBER 1970

HOUR	TEMP	24		29		30	
		WIND DIRECT	WIND- SPEED CHILL	TEMP	WIND- DIRECT	WIND- SPEED	WIND- DIRECT
1	-32	C	755	-23	C	874	-41
2	-33	C	924	-24	M	909	-42
3	-32	M	1001	-24	C	716	-40
4	-30	C	950	-24	M	983	-37
5	-20	C	926	-24	M	908	-36
6	-20	C	856	-25	C	929	-36
7	-26	M	1043	-26	M	1002	-36
8	-29	M	1007	-28	M	1026	-34
9	-31	C	1000	-30	M	1136	-32
10	-32	C	865	-30	M	1021	-32
11	-34	C	720	-29	M	751	-31
12	-32	C	715	-27	M	948	-30
13	-29	C	742	-28	M	1053	-29
14	-20	C	897	-30	M	1088	-29
15	-26	C	961	-32	M	1067	-30
16	-27	M	984	-33	M	1086	-31
17	-26	M	991	-34	M	1150	-35
18	-27	M	997	-38	M	1180	-37
19	-26	C	683	-39	M	1100	-39
20	-25	C	677	-39	M	1153	-42
21	-25	C	676	-40	C	761	-42
22	-25	C	802	-41	C	774	-42
23	-24	C	670	-41	C	815	-43
24	-24	C	611	-41	C	802	-43
TOT		6			16		4
AVE	-28	0	891	-31	1	926	0
MAX	-26	1	1001	-23	1	1180	1
MIN	-34	0	670	-41	0	716	0

NOT REPRODUCIBLE

ARCTIC MEDICAL RSCH LAB DECEMBER 1970

21

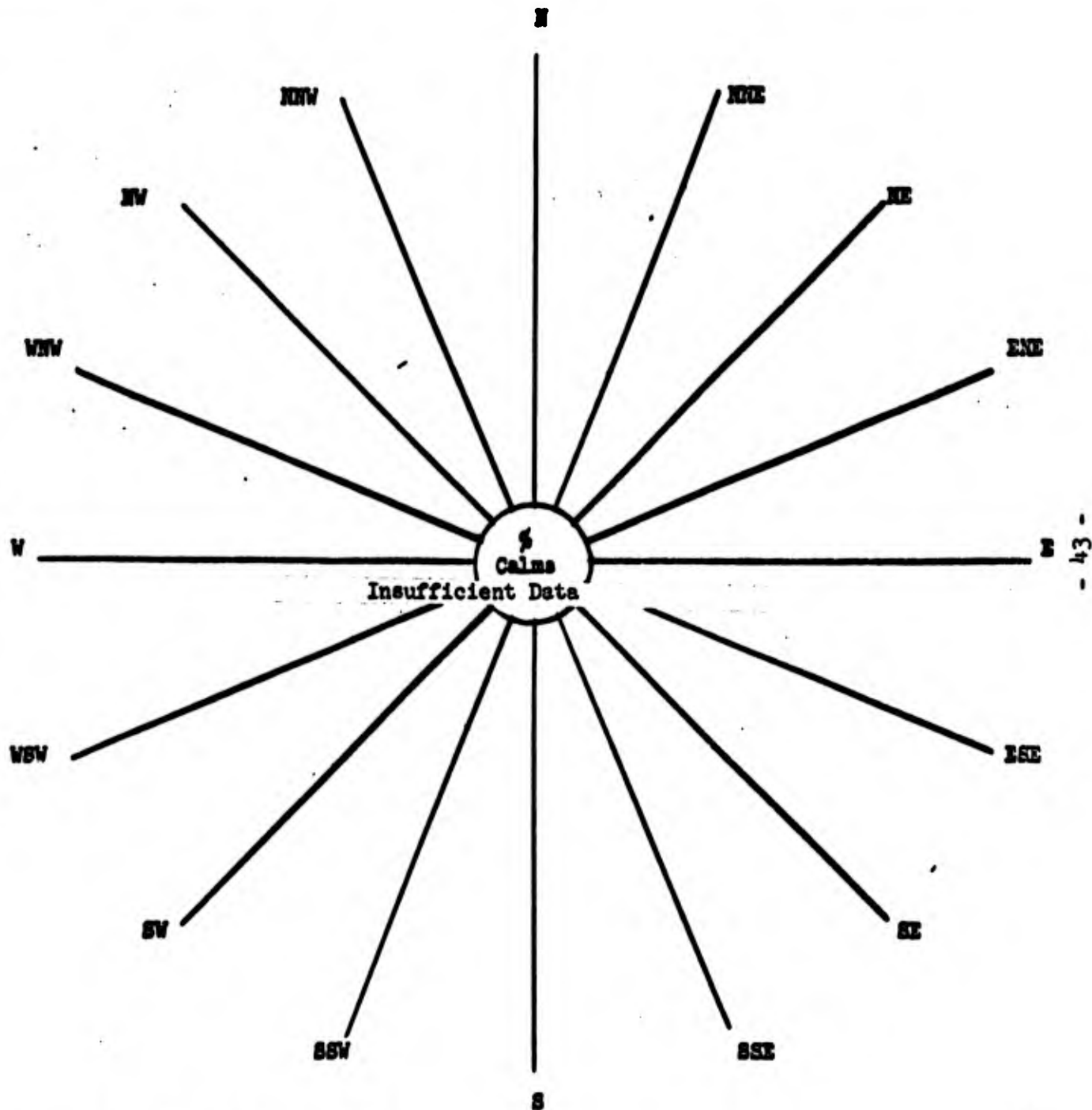
HOOR	TEMP	WIND DIRECT	WIND SPEED	WIND CHILL
1	-43		C	1044
2	-42		C	909
3	-41		C	790
4	-43	M	1	1161
5	-45		C	830
6	-47		C	827
7	-47		C	834
8	-46		C	1030
9	M		C	M
10	M		C	M
11	M		C	M
12	M		C	M
13	M		C	M
14	M		C	M
15	M		C	M
16	M		C	M
17	M		C	M
18	M		C	M
19	M	M	1	M
20	M		C	M
21	M		C	M
22	M		C	M
23	M	M	1	M
24	M	M	1	M
TOT			4	
AVE			0	
MAX	-41		1	1161
MIN	-47		0	790

NOT REPRODUCIBLE

ARCTIC MEDICAL HSCM LAB DECEMBER 1970

		HOURLY OBSERVATIONS OF WIND SPEEDS										39--46		OVER 46		TOT	AVG SPD
		1--3	4--7	8--12	13--18	19--24	25--31	32--38			39--46	OVER 46		TOT	AVG SPD		
N	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
NNE	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
NE	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
ENE	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
E	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
ESE	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
SE	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
SSE	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
S	FREQ	0	0	Insufficient Data							0	0		0	0		
	PCT	0.00	0.00								0.00	0.00		0.00	0		
SSW	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
SW	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
WSW	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
W	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
WNW	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
NW	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
NNW	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0		
TOT	FREQ	0	0	0	0	0	0	0			0	0		0	0		
	PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00	0.00		
CALC FREQ		230	PCT		30.91		MISSING FREQ		514		PCT		69.09				

NOT REPRODUCIBLE



- 43 -

69.1 % of Data Missing

|||||

LEGEND: Each Blip equals one percent of Direction Frequency.

1 to 12 MPH

13 to 31 MPH

32 and over

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ARCTIC MEDICAL RSCH LAB DECEMBER 1970
HOURLY AVERAGES FOR THE MONTH

HR	TEMP	WIND- SPEED	WIND- CHILL
1	-11	1	899
2	-11	1	915
3	-11	2	928
4	-12	2	921
5	-12	2	917
6	-12	2	923
7	-12	2	943
8	-12	2	961
9	-11	2	948
10	-11	2	938
11	-11	2	933
12	-11	2	950
13	-12	2	946
14	-12	2	947
15	-12	2	937
16	-11	1	927
17	-11	1	915
18	-12	1	927
19	-12	1	912
20	-11	1	925
21	-11	1	922
22	-12	1	891
23	-11	1	911
24	-11	1	869

NOT REPRODUCIBLE

ARCTIC MEDICAL RSCM 14R DECEMBER 1970
MONTHLY CLIMATOLOGICAL SUMMARY

TEMP		- WIND- WIND		- DIRECT SPEED CHILL	
AVE	-11	#	2	924	
AVE MAX	-3		23	1125	
AVE MIN	-19			695	

* Insufficient Data for summarization

AVE MAX WIND SPEED AND DIRECTION IS ACTUAL MAXIMUM SPEED AND CONCURRENT DIRECTION
THE MAXIMUM SPEED OCCURRED 1 TIME

NOT REPRODUCIBLE