

AD A159 611 CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
UNCLASSIFIED USAFETAC/DS-85/023 F/G 4/2

CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
USAFETAC/DS-85/023 F/G 4/2

115

UNCLASSIFIED

F/G 4/2

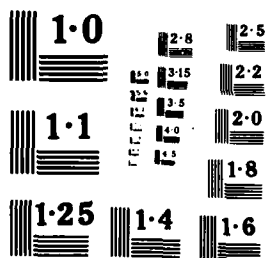
NL

[illegible]

11111

11111

11111



600 80 01 98

USAK 702120

USAFETAC / DS 80/028

①

AD-A159 611

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

AWS TECHNICAL LIBRARY
FL 4414
SCOTT AFB IL 62225
24 JUN 1985

1. TITLE: DATA PROCESSING BRANCH OF
USAFETAC AND ITS RELATIONS
2. AUTHOR: ROSENZOF, A. B. AK
61 47 166 02
3. DATE: 1985
4. ELEV: 457 FT
5. LOCATION: 1402
6. PARTS: A-F
7. HOURS: 0000 - 2300 LST
8. PERIOD OF RECORD:
9. SUMMARY OF RECORDS: AUG 77 - NOV 84
10. SUMMARY OF DAY DATA: JUL 53 - NOV 84
11. TIME CONVERSION GMT TO LST: -9

19 JUN 1985

DTIC FILE COPY

1. TITLE: DATA PROCESSING BRANCH OF
USAFETAC AND ITS RELATIONS
2. AUTHOR: ROSENZOF, A. B. AK
61 47 166 02
3. DATE: 1985
4. ELEV: 457 FT
5. LOCATION: 1402
6. PARTS: A-F
7. HOURS: 0000 - 2300 LST
8. PERIOD OF RECORD:
9. SUMMARY OF RECORDS: AUG 77 - NOV 84
10. SUMMARY OF DAY DATA: JUL 53 - NOV 84
11. TIME CONVERSION GMT TO LST: -9

DTIC
ELECTE
OCT 3 1985
B

85 10 03 009

REVIEW AND APPROVAL STATEMENT

This report is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

FOR THE COMMANDER

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Document Research Section
USAFETAC/LDX

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE

AD-4159 611

REPORT DOCUMENTATION PAGE

1a. REPORT SECURITY CLASSIFICATION Unclassified			1b. RESTRICTIVE MARKINGS		
2a. SECURITY CLASSIFICATION AUTHORITY			3. DISTRIBUTION/AVAILABILITY OF REPORT Approved for public release; distribution unlimited.		
2b. DECLASSIFICATION/DOWNGRADING SCHEDULE			5. MONITORING ORGANIZATION REPORT NUMBER(S) USAFETAC/DS-85/023		
4. PERFORMING ORGANIZATION REPORT NUMBER(S) USAFETAC/DS-85/023			7a. NAME OF MONITORING ORGANIZATION USAFETAC		
6a. NAME OF PERFORMING ORGANIZATION USAFETAC/OL-A		6b. OFFICE SYMBOL (If applicable)		7b. ADDRESS (City, State, and ZIP Code) Scott AFB, IL 62225-5438	
6c. ADDRESS (City, State, and ZIP Code) Federal Building Asheville, NC 28801		9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER			
8a. NAME OF FUNDING/SPONSORING ORGANIZATION		8b. OFFICE SYMBOL (If applicable)		10. SOURCE OF FUNDING NUMBERS	
8c. ADDRESS (City, State, and ZIP Code)		PROGRAM ELEMENT NO.		PROJECT NO.	TASK NO.
				WORK UNIT ACCESSION NO.	
11. TITLE (Include Security Classification) CAPE ROMANZOF AFS ALASKA (RUSSWO) (Unclassified)					
12. PERSONAL AUTHOR(S)					
13a. TYPE OF REPORT Data Summary		13b. TIME COVERED FROM AUG 77 TO NOV 84		14. DATE OF REPORT (Year, Month, Day) JUN 85	
15. PAGE COUNT 320					
16. SUPPLEMENTARY NOTATION					
17. COSATI CODES			18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number)		
FIELD	GROUP	SUB-GROUP	*climatology *weather Meteorological conditions		
04	02		(continued over)		
19. ABSTRACT (Continue on reverse if necessary and identify by block number) A six-part statistical data summary of surface weather observation climatology for: CAPE ROMANZOF AFS ALASKA. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOS) for complete descriptions of contents and instructions for use.					
20. DISTRIBUTION/AVAILABILITY OF ABSTRACT ☐ UNCLASSIFIED/UNLIMITED ☒ SAME AS RPT. ☐ DTIC USERS			21. ABSTRACT SECURITY CLASSIFICATION Unclassified		
22a. NAME OF RESPONSIBLE INDIVIDUAL Marie Wakefield			22b. TELEPHONE (Include Area Code) (618) 256-2625		22c. OFFICE SYMBOL USAFETAC/LDD

DD FORM 1473, 84 MAR

83 APR edition may be used until exhausted.

All other editions are obsolete

SECURITY CLASSIFICATION OF THIS PAGE

UNCLASSIFIED

UNCLASSIFIED

18. Subject terms cont.

winds	preceipitation	temperature	visibility
barometric pressure	relative humidity		
sky cover	psychrometric data	ceiling	

Revised Uniform Summary of Surface Weather Observations
RUSSWO

CAPE ROMANZOF AFS ALASKA

USAK 702120

UNCLASSIFIED

✓

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

Accession No.	
NTIC	✓
DTIC	
Unavail.	
Justified	
By	
Date	
Availability	
Dist	
A-1	



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
702120	CAPE ROMANZOF ALASKA AFS	N 61 47	W 166 02	457	PACZ	702120

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	SEAS BAROMETER	
1	Cape Romanzof, Alaska	AFS	Apr 53	Dec 53	N 61 47	W 165 52	17	Ugh	13-24
2	Cape Romanzof, Alaska	AFS	3 Dec 53	Feb 55	N 61 47	W 165 52	17	Ugh	13-24
3	No Change	AFS	Mar 55	Feb 56	N 61 47	W 165 52	17	Ugh	13-24
4	No Change	AFS	Mar 56	Feb 57	N 61 47	W 165 52	17	Ugh	13-24
5	No Change	AFS	Mar 57	Feb 58	N 61 47	W 165 52	17	Ugh	13-24
6	No Change	AFS	Mar 58	Feb 59	N 61 47	W 165 52	17	Ugh	13-24
7	No Change	AFS	Mar 59	Feb 60	N 61 47	W 165 52	17	Ugh	13-24
8	Same	AFS	May 60	Feb 61	Same	Same	457	Same	13-24
9	Same	AFS	Aug 61	Nov 64	Same	Same	457	Same	13-24
10	Same Contract	AFS	Dec 64	Present	Same	Same	457	Same	13-24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS: ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 54- Feb 55	Located 30 Ft. N of Weather Station	W-100	Line	15 Ft.	
2	Mar 55- Feb 60	Located 20 Ft. NNE of Weather Station	W-100	W-100	15 Ft.	
3	Mar 60- Feb 65	Located 500 Ft. NE of Weather Station. and 100 Ft. from touch down point of runway.	W-100	W-100	15 Ft.	
4	Mar 65- Feb 66	Located 50 Ft. S of Center Line and 100 Ft. from touch down point of runway.	W-100	W-100	15 Ft.	

USAF ETAC FORM APR 66 0-19 (OL-1)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
5	Mar 68-	Located 300 Ft. E of Center Line and 560 Ft. from end of Runway.	N/GMQ-11	None	11 Ft.	
6	Dec 83	Same	Same	Same	Same	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

✓

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

3

CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

78-120
STATION

CAPE ROMANCOF AFB TX
STATION NAME

78-84

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS	HUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-04		.6	1.2	27.1		28.7	21.9		17.6		32.2	645
	05-09		1.9	.5	26.3		28.6	20.1		14.4		31.0	646
	10-14		2.0	.8	29.2		30.5	19.7		10.6		30.3	650
	15-19		1.4	.6	33.8		34.6	24.3		17.0		34.1	651
	20-24		1.7	.2	28.0		29.3	29.8		19.9		38.0	651
	25-29		.8	.9	26.4		27.9	29.2		18.3		37.2	651
	30-31		1.2	1.7	29.0		32.0	30.1		14.6		38.4	651
	01-23		1.1	1.5	29.3		31.2	29.0		14.7		33.9	651
TOTALS			1.4	.9	28.7		30.3	25.0		18.3		34.7	5200

10

USAFETAC FORM 10-5 OF 1-1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOURNAL CLIMATOLOGY - RANCH
 SECRETARY
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

125
STATION.

CAPE ROMAN, OF AFS AK
STATION NAME

78-34

YEARS

FE
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS 1-5	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	10-22		4.1	.7	19.2		21.4	20.0		17.6		10.5	592
	23-24		3.4		13.6		19.9	18.4		17.9		31.5	568
	25-26		2.7	.3	18.2		19.4	19.2		21.5		33.2	568
	27-11		3.5	.2	16.9		19.2	27.3		21.4		38.1	593
	12-14		4.2	.2	14.3		17.2	27.6		18.2		38.4	594
	15-17		4.7	.5	12.0		17.0	25.3		17.2		35.5	594
	18-20		2.0	.5	12.8		15.5	25.4		17.5		33.2	594
	21-23		3.2	.6	15.3		17.8	21.5		17.7		30.3	594
TOTALS			3.5	.3	16.0		18.4	23.1		18.6		33.9	4735

✓

3

1. ALG. COUNTRY NAME
2. CITY
3. STATION NAME

WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

100 STATION NAME: WAFB - WMAN OF AFS AM STATION NAME: 14-67, 69-84 YEARS: ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS PER DAY	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN DAILY			11.1	4.1	50.0		52.0	53.0		51.0		72.0	727
FEB			7.1	1.0	44.0		42.0	52.2		52.0		73.0	640
MAR			1.4	2.1	51.0		52.2	52.3		40.0		71.2	722
APR			12.0	4.7	51.1		42.0	53.4		41.0		76.1	740
MAY			42.3	1.7	39.3		55.0	53.3		4.0		53.7	730
JUN			1.1	50.1	1.0	4.0		67.0	50.0			50.7	743
JUL			1.1	74.3		4.0		74.3	0.1			50.4	791
AUG			1.0	51.7		1.2		51.7	51.6			51.3	840
SEP			1.2	70.6	1.0	13.2		51.1	44.4		1.1	40.3	804
OCT			35.9	2.0	64.2		52.0	42.1		4.0	17.7	51.4	772
NOV			21.7	1.3	69.0		74.7	44.8		1.0	43.0	67.4	730
DEC			11.0	0.2	57.7		59.4	47.2		53.4		70.4	714
TOTALS			1.1	37.5	1.0	70.0		66.0	53.2	1.3	20.4	53.4	8967

L

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

WEATHER CONDITIONS

STATION

STATION NAME

YEARS

MONTH

[illegible]

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72.120
STATIONCAPE ROMANZOF AFS AK
STATION NAME

77-84

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL		1.4	.9	28.7		22.3	25.0		18.3		34.7	5200
FEB			3.6	.3	16.0		18.4	23.1		18.6		33.9	4735
MAR			1.2	.1	22.1		22.6	22.8		18.4		33.3	5208
APR			3.5	.6	26.1		29.0	33.4		11.2		36.3	5040
MAY			13.5	.6	9.4		22.4	17.2		.7		17.7	5208
JUN		.1	28.9		.7		29.0	21.0				21.0	5040
JUL			34.6				34.6	27.1				27.1	5208
AUG			34.1		.0		34.1	23.5				23.5	5952
SEP			31.8	.0	2.3	.0	33.0	13.6				13.6	5760
OCT			13.3	.3	23.8		35.9	11.9		5.0		16.2	5952
NOV			5.7	.7	30.5		35.5	16.2	.0	13.3		26.2	5729
DEC			3.1	.6	27.6		30.2	18.8		21.3		34.3	5208
TOTALS		.1	14.6	.3	15.6	.0	29.6	21.1	.0	9.0		26.5	64240



USAFETAC FORM 0-10 5-OL A1, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

✓

DEC
MONTH

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02		2.6	.3	29.2		31.3	16.7		23.7		34.7	651
	03-05		2.9	.6	29.2		32.0	16.7		24.0		35.5	651
	06-08		2.4	.5	29.5		32.0	16.5		23.0		33.5	651
	09-11		2.9	.5	30.6		32.9	18.1		21.2		33.8	651
	12-14		3.2	.5	27.3		30.3	23.0		18.0		35.2	651
	15-17		3.5	.5	23.7		26.6	23.0		16.0		34.3	651
	18-20		3.1	.6	25.8		28.7	20.6		22.1		34.1	651
	21-23		2.8	.9	25.2		28.1	16.7		24.1		33.6	651
TOTALS			3.1	.6	27.6		30.2	18.8		21.8		34.3	5208

WEATHER CONDITIONS

7-120
STATION

CAPE ROMAN, OF AFS AK
STATION NAME

77-84

YEARS

NOV
MONTH

MONTH	HOURS LAST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02		7.0	.4	31.4		36.1	10.3		11.7		19.6	717
	03-05		5.6	.6	31.4		36.3	10.5		12.1		20.1	717
	06-08		4.5	1.1	32.2		36.1	11.7	.1	10.6		23.6	717
	09-11		6.0	1.0	30.0		35.7	16.5		10.1		27.6	717
	12-14		5.2	.8	27.1		32.2	20.4		14.4		30.2	717
	15-17		6.1	.6	29.6		35.2	24.0	.1	14.9		33.1	716
	18-20		5.2	.8	29.4		34.6	20.5	.1	13.0		29.1	714
	21-23		5.9	.1	33.2		27.7	10.5		13.3		25.9	714
TOTALS			5.7	.7	30.5		35.5	16.2	.2	13.8		26.2	5729

3
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

77-120 STATION CAPE ROMANZOF AFS AK STATION NAME 77-84 YEARS OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		11.0		25.1		34.8	10.5		4.7		14.9	744
	03-05		12.6	.1	28.6		38.2	8.9		5.9		14.5	744
	06-08		13.4	.1	30.4		42.3	9.9		5.0		14.5	744
	09-11		12.8	.4	24.1		36.6	12.8		6.6		17.7	744
	12-14		12.8	.4	22.2		34.3	14.1		4.7		17.5	744
	15-17		15.7		16.7		31.0	13.7		3.8		16.7	744
	18-20		13.6	.7	19.1		32.4	12.5		4.3		16.5	744
	21-23		14.2	.3	24.1		37.2	12.9		4.7		17.6	744
TOTALS			13.3	.3	23.6		35.9	11.9		5.0		16.2	5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72.120
STATION

CAPE ROMANZOF AFS AK
STATION NAME

77-84

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02		29.4		2.6		31.1	13.8				13.1	720
	03-05		30.7		3.3		32.6	13.1				13.1	720
	06-08		34.9		2.6		36.7	16.8				16.8	720
	09-11		33.3		2.1		34.3	17.4				17.4	720
	12-14		33.6	.1	1.5	.1	34.3	13.2				13.2	720
	15-17		32.4		1.8		32.6	12.1				12.1	720
	18-20		30.7		1.9		31.7	11.1				11.1	720
	21-23		29.0		2.4		30.0	11.5				11.5	720
TOTALS			31.8	.0	2.3	.0	33.0	13.6				13.6	5760

3
 3
 0
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

77-120
 STATION

CAPE ROMANZOF AFS AK
 STATION NAME

77-84

YEARS

AUG
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02		32.6				33.6	25.0				25.0	744
	03-05		33.6				33.6	25.7				25.7	744
	06-08		34.3		.1		34.3	25.5				25.5	744
	09-11		37.4				37.4	26.5				26.5	744
	12-14		34.3				34.3	21.1				21.1	744
	15-17		33.5				33.5	19.5				19.5	744
	18-20		32.5				32.5	19.9				19.9	744
	21-23		33.2				33.2	24.9				24.9	744
TOTALS			34.1		.0		34.1	23.5				23.5	5952

3
JULYAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

700120
STATION

CAPE ROMANOF AFS AK
STATION NAME

78-84

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02		33.2				33.2	30.6				30.6	651
	03-05		31.6				31.6	33.0				33.0	651
	06-08		35.6				35.6	36.6				36.6	651
	09-11		38.6				38.6	31.0				31.0	651
	12-14		37.3				37.3	23.8				23.8	651
	15-17		36.4				36.4	18.6				18.6	651
	18-20		30.6				30.6	19.5				19.5	651
	21-23		33.3				33.3	23.7				23.7	651
TOTALS			34.6				34.6	27.1				27.1	5208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724120
STATION

CAPE ROMAN OF AFS AK
STATION NAME

76-84

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02		24.6		1.1		24.8	23.5				23.5	630
	03-05		24.1		1.0		24.4	23.0				23.0	630
	06-08		31.3		.5		31.4	26.7				26.7	630
	09-11		32.2		1.0		32.2	22.1				22.1	630
	12-14	.2	33.7		.6		33.7	17.0				17.0	630
	15-17		30.0		.5		30.0	16.5				16.5	630
	18-20	.2	26.4		.3		26.4	18.4				18.4	630
	21-23		26.8		.3		27.1	21.1				21.1	630
TOTALS		.1	28.9		.7		29.0	21.0				21.0	5040

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

WEATHER CONDITIONS

72-137
STATION

CAPE ROMANOF AFS AK
STATION NAME

78-84

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02		14.3		9.7		23.2	18.0		.9		18.7	651
	03-05		13.5	.2	10.8		23.8	20.4		.9		21.4	651
	06-08		10.0	.6	12.0		21.4	23.8		.9		24.0	651
	09-11		11.2	.9	9.8		20.4	19.7		.5		20.1	651
	12-14		14.7	1.5	10.8		25.5	16.3		.5		16.7	651
	15-17		15.8	1.1	7.5		23.0	12.4		.5		12.9	651
	18-20		14.1	.3	7.5		21.4	12.9		.5		13.4	651
	21-23		14.0		7.2		20.4	14.3		.5		14.7	651
TOTALS			13.5	.6	9.4		22.4	17.2		.7		17.7	5208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITION

70-120
STATION

CAPE ROMANOF AFS AK
STATION NAME

78-84

YEARS

APP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS -1ST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02		3.0	.2	28.4		31.0	30.6		10.6		34.1	630
	03-05		2.9	.6	29.2		31.7	27.6		12.2		31.9	630
	06-08		3.2	.6	25.6		28.4	31.0		13.3		34.6	630
	09-11		2.5	1.1	24.0		26.0	34.3		13.0		36.5	630
	12-14		3.3	.8	25.6		27.9	34.9		12.2		37.1	630
	15-17		4.4	.5	25.6		28.7	36.0		10.8		38.7	630
	18-20		4.8	.5	24.6		28.3	36.5		8.7		38.4	630
	21-23		4.1	.6	25.9		29.8	36.5		8.7		39.2	630
TOTALS			3.5	.6	26.1		29.0	33.4		11.2		36.3	5740

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIC

70.120
STATION

CAPE ROMANOF AFS AK
STATION NAME

78-84

YEARS

MA
MON

PERCENTAGE FREQUENCY OF WEATHER CONDITIONS FROM MONTHS

MONTH	WIND SPEED KNOTS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TO NO O
MAR	00-02	.9		25.8		26.3	20.4		19.7		32.9	6
	03-05	1.1	.2	25.7		25.6	20.9		20.7		33.5	6
	06-08	1.4		25.7		26.3	22.0		18.4		33.8	6
	09-11	1.2		21.7		22.3	26.1		16.9		34.7	6
	12-14	1.7	.2	17.7		19.0	24.4		14.7		32.7	6
	15-17	1.2		18.1		19.0	23.3		16.7		32.7	6
	18-20	1.1	.2	20.3		20.7	23.2		19.7		33.0	6
	21-23	.8	.5	21.6		22.7	22.4		20.6		33.3	6
TOTALS		1.2	.1	22.1		22.8	22.8		18.4		33.3	52



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- * 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- * 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- ✓
- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

3 JOURNAL CLIMATOLOGY BRANCH
USAF/CLTAC
AF WEATHER SERVICE/MAC

DAILY AMOUNT

PERCENTAGE FREQUENCY
PRECIPITATION
(FROM DAILY OBSERVATIONS)

7 1130 STATION CAPE ROMANOF AFS AK STATION NAME 53-64, 69-94 YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-54	65-104	105-154	155-254	255-504	OVER 504						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	47.7	20.2	5.7	11.5	4.4	6.5	3.7	1.4						72.2	774	1.2	4.17	.	
FEB	40.4	23.0	5.4	8.9	5.7	4.2	1.8	1.3	.4					75.2	735	1.0	4.75	7.8	
MAR	44.1	20.9	6.6	13.3	4.5	6.1	2.7	1.3	.4					75.2	775	1.2	5.95	.	
APR	35.4	27.3	5.3	13.9	6.7	5.1	2.2	.7						71.2	454	.5	3.76	.	
MAY	27.3	25.3	5.1	11.3	7.1	6.6	3.7	1.4	.2					76.5	802	1.4	4.57	.	
JUN	34.4	24.6	5.6	9.5	5.1	5.9	7.3	2.2	1.3					45.4	767	2.2	5.96	.	
JUL	27.4	23.1	5.2	14.3	5.9	10.5	7.7	4.4	.9					49.1	736	2.4	6.43	.	
AUG	12.2	18.0	5.7	14.2	10.7	13.1	9.7	6.7	2.5	.1				62.6	733	4.1	9.75	1.	
SEP	20.7	15.8	5.1	15.1	9.4	15.1	9.3	7.0	2.5					63.5	513	4.5	9.95	1.	
OCT	10.5	24.3	6.9	17.7	11.7	10.7	5.7	3.1	.5					56.2	871	2.4	6.09	.	
NOV	24.3	26.2	7.2	15.3	10.1	9.2	2.5	1.2	.5					49.0	406	1.1	5.46	.	
DEC	41.3	22.1	5.3	13.4	6.7	5.4	4.1	1.0	.1					74.6	777	1.5	4.16	4.4	
ANNUAL	33.4	22.6	6.1	13.5	7.3	8.4	5.0	2.6	.8	.0				43.7	2443	26.4			

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAL

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

7 120 STATION CAPT ROMAN OF AFS AK
STATION NAME

63-64, 64-64 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
63	.04	1.02	1.00	.34	.64	.14*	.76*	1.03	.76	.47	.4	.74	1.3
64	.71*	.10	.03	.10	.60	.46	1.4	1.78	1.23	.43	.60*	.43	1.2
65	.63	1.19	1.04	.70	.24	1.22	.47	2.77	1.14	.64	.12*	1.04	2.7
66	.00	1.04	.22	.13	.30	.13	.39	1.77	1.20*	.70	.74	.70	1.7
67	.71	.64	.17	.12	.74	.43	.57*	2.14	.47	.74	.44	.17	2.1
68	.74	.16	.42	.70	.77	.64	.71	1.74	1.74	.44	1.47	.70	1.9
69	.4	.44	.74	.14	.64	1.54	.34	.46	.47	.64	1.12	.74	1.3
70	.77	.68	.74	.17	.34	1.63	.40	.75	1.26	.67	.20	.47	1.6
71	.72	.14	.34	.14	.44	.34	.67	.76	1.44	.44	.34	.77	1.4
72	.74	.77	.42	.42	.34	1.03	.42	1.09	1.21	1.14	.4	.7	1.9
73	.14	.64	.19	.25	.4*	.67	1.43	.65	.76	.45	.60	.44	
74	.74	.24	.21	.47	.64*	.89*	.44	2.44	.24	.74	.74*	.74	2.4
75				.19	.24	.62	.25	.41	.47	.72	.24	.74	
76	.44	.14	.74	.47	.74	1.70	.42	1.23	.44	1.40	.64	1.24	1.4
77	.69	.24	.11	.74	.29*	.23*	1.32	.71	1.13*	1.16*	.65	.74	1.5
78	.44	.31	.34	.1*	.24*	.42	1.44	1.37	.44	.27	.44*	.34	1.9
79	.4	.72	.76	.18	.74*	.91	1.45*	.34	.44	.57	.19*	.65	1.4
80	.74*	.11	.15	.19	.64	.33*	.67*	.45	.74	.62	.21	.44	.7
81	.74	.33	.70	.70	.24	.33	.46	.72	1.02	.74	.16	.44	1.5
82	.44	.24	.9	.24	.43	1.24	1.18	1.14	.82	.72	.64	.64	1.2
83	.74	.04	.43	.13	.24	1.12	.09	.26	1.03	.14	.66	.74	1.1
84	.14	1.04	.21	.04	.54	1.23	1.33	.64	.63	.74	.11	.54	1.3
85	.74	.72	.24	.59	.31	.42	.36	1.04	.43	1.21	.24	.65	1.9
86	.54	.93	.74	.74	1.24	.75	1.11	.94	1.34	.71	.25	.64	1.3
87	.14	.05	.27	.21	.24	.26	.59	1.36	1.64	.46	.49	.36	1.6
88	.14	.2	.54	.14	.23	.30	.48	1.46	.26	.52*	.15		
MEAN	.373	.437	.349	.33	.468	.734	.513	1.177	.957	.664	.460	.49	1.53
S.D.	.24	.369	.210	.230	.273	.463	.435	.666	.44	.294	.231	.248	.35
TOTAL OBS.	774	775	775	54	603	767	798	793	812	831	708	777	944

NOTE * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88-5 (OLA)

CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/NAO

EXTREME VALUES XXXXXXXXXXXXXXXXXXXX MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

120 CAPE ROMAN OF AFS AK
STATION STATION NAME

53-64, 65-84 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
YEAR													
54	1.52	1.71	5.26	.59	1.37	.33*	2.25*	7.58	1.42	1.14	.52*	.77	*32.84
55	.71*	.56	.77	.27	2.36	3.88	3.96	5.72	5.11	4.32	1.63*	.49	*28.88
56	1.13	4.26	6.83	3.38	.76	2.58	2.31	7.72	5.62	2.11	.25*	1.80	*36.74
57	.92	1.40	.93	.39	.85	.23	.33	6.65	4.92*	1.97	1.31	.64	*17.18
58	.27	.97	1.21	.24	1.87	3.53	1.46*	5.35	4.55	1.57	.91	.52	*23.95
59	.11	.36	.70	.49	2.50	1.94	7.11	4.65	4.90	1.69	5.46	.38	*26.33
60	3.74	2.33	.39*	.64	1.50	.72	3.20	2.51	3.17	2.23	3.47	2.01	*26.25
61	1.69	.16	.64	.34	1.59	7.14	4.46	7.97	8.91	2.73	1.34	1.31	*29.84
62	1.23	.82	1.43	.41	1.57	1.23	2.17	5.81	7.44	2.11	.72	1.22	*26.34
63	4.17	.46	2.34	1.10	1.68	3.78	2.36	7.83	2.51	2.78	.26	2.22	*31.14
64	.47	1.81	.43	1.26									
65				.19*	1.48	5.32	5.57	3.76	2.75	2.96	2.43	1.21	
66	.11	.77	.28	1.25	.22*	1.93*	4.21	5.35	1.32	2.44	1.75*	.59	*22.57
67				.57	1.49	2.80	1.45	1.13	3.67	1.92	1.22	1.52	
68	1.57	.23	.22	2.74	2.31	3.17	1.63	4.31	2.37	6.22	1.50	2.62	*26.67
69	7.22	.51	.45	.94	.67*	.77*	2.27	6.45	3.45*	4.92*	3.98	2.73	*34.91
70	1.81	1.32	1.47	.24*	.54*	1.21	2.45	2.78	3.31	.79	1.65*	.21	*28.36
71	.22	.88	1.58	.97	1.27*	1.33	2.86*	1.27	1.97	1.00	.33*	.20	*13.60
72	.27*	.24	.54	.60	1.20	.92*	2.19*	2.21	2.31	2.86	.94	1.11	*15.66
73	1.77	.69	.62	1.33	.97	1.11	2.64	7.97	5.11	2.99	.49	2.58	*22.81
74	.89	.71	.32	1.21	1.13	5.96	4.35	5.60	6.32	3.53	2.40	4.16	*36.69
75	2.75	.18	1.53	.12	.97	1.84	.68	1.91	6.61	2.64	3.48	.54	*22.60
76	.51	2.28	1.01	.13	3.39	5.32	4.61	2.21	2.64	1.54	.50	.26	*25.75
77	1.33	1.70	.72	1.27	1.32	1.09	1.81	3.45	2.62	7.77	1.21	7.03	*33.62
78	2.37	1.34	1.68	1.02	4.57	4.21	3.24	5.48	3.92	2.71	.54	.42	*28.18
79	.43	.58	.34	.17	.94	.79	3.18	4.59	7.91	2.78	1.42	1.66	*20.72
80	.91	.54	.91	.25	.32	.75	2.07	4.74	1.00	1.42*	1.23		
MEAN	1.286	1.644	1.291	.738	1.482	2.519	2.942	4.883	4.544	2.475	1.516	1.594	27.833
S.D.	1.171	1.527	1.643	.773	.993	1.715	1.386	1.992	2.421	1.161	1.263	.993	5.697
TOTAL OBS.	774	729	775	294	823	767	726	793	810	871	808	777	9443

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

3 GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNT

PERCENTAGE FREQUENCY C
SNOWFALL
(FROM DAILY OBSERVATION)

STATION 1210 W Cape Roman, OF AFS AK
STATION NAME

63-67, 69-94

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	42.4	14.6	14.4	9.5	7.7	1.3	.9	.5	.4					71.5	712	1.1	73.0	.4
FEB	41.4	23.7	10.3	7.8	7.3	1.4	.4	.3	.3	.1				74.0	775	7.4	71.5	7.3
MAR	44.2	21.8	18.7	9.3	8.3	1.7	.5	.3	.6	.3				74.0	774	10.4	68.6	.3
APR	44.3	28.1	17.6	11.9	2.4	1.1	.6		.1					73.0	843	7.6	26.3	.7
MAY	52.9	20.6	11.4	6.3	.9	.5	.4		.1					14.8	840	4.7	19.1	7.3
JUN	41.4	6.4	1.1	.7	.5									2.2	614	.5	4.3	.7
JUL	42.7	.3													673	TRACE	TRACE	.7
AUG	44.9	.9			.2									.2	841	.1	3.4	.7
SEP	46.3	10.2	2.7	1.1	.3	.1								3.0	891	.7	5.5	.7
OCT	34.7	28.8	12.3	14.4	3.9	1.6	.4	.4	.1		.1			76.4	898	9.3	79.3	.7
NOV	29.4	27.7	22.7	16.9	3.1	1.2	.4	.6	.2					42.9	844	17.4	73.0	7.3
DEC	42.1	23.4	16.7	11.1	3.3	1.4	1.6	.9	.4					74.7	826	17.7	46.7	7.3
ANNUAL	42.4	17.8	17.7	7.4	1.9	.9	.4	.3	.2	.1	.7			71.7	9973	74.7		

U.S. AIR FORCE
 METEOROLOGICAL SERVICE
 AIR FORCE SERVICE

EXTREME VALUES

UNO FALL

FROM DAILY OBSERVATIONS

STATION NAME CAPE ROMAN OF ARMS AK

3-57, 65-64

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
64	1.1	3.4	7.1	2.1	1.0	.3*	.0*	.0	TRACE	2.0	.5*	1.0	7.1
65	1.1*	1.0	5.0	1.0	.4	1.0	.0	1.9	TRACE	3.9	5.3*	3.4	6.0
66	5.7	12.0	15.0	1.4	TRACE	TRACE	.0	.0	1.4	2.5	1.2*	TRACE	12.5
67	2.0	TRACE	.0	.0	.0	.0	.0	.0	2.0	3.3	2.4	2.0	3.3
68	.0	1.4	1.7	1.2	1.4	.0	.0	.0	.0	1.3	3.5	1.7	3.5
69	.4	1.0	4.2	2.0	3.0	.0	TRACE	.0	.0	2.0	6.0	2.2	6.0
70	0.5	9.5	.0	1.4	1.5	TRACE	.0	TRACE	TRACE	3.0	5.2	5.1	9.5
71	7.1	.5	2.0	1.0	.7	TRACE	TRACE	TRACE	TRACE	2.0	1.0	2.0	7.1
72	4.1	1.3	5.4	1.4	1.1	1.4	.0	.0	1.1	1.0	3.0	3.7	4.2
73	2.3	2.0	4.2	4.0	2.1	1.5	.0	.0	.0	1.0	1.1	5.0*	6.0
74	1.1	5.0	1.7	3.7*	3.4*	.0	.0	.0	TRACE	1.0	3.0		
75	.0	.0	.0	1.2	1.3*	1.1*	.0	.0	.0	1.0*	TRACE	1.0	
76	.0	.0	1.0	1.4	.0	.0	.0	.0*	TRACE				
77	.0	.0	.0	1.2	1.0	TRACE	.0	.0	TRACE	.0	7.0	4.1	
78	.4	2.2	2.1	3.3	.5*	.0	.0	.0	.0	1.1	1.7*	3.0	3.0
79	.0	.0	.0	1.0	1.1	.0	.0	TRACE	TRACE	3.3	2.1	1.0*	
80	4.1	.4	.0	4.2	7.0	2.1	.0	.0	.0	2.4	.0	5.2*	5.0
81	7.1	2.7	1.1	3.0	.0*	TRACE*	.0	.0	.0	2.4*	3.0	6.0*	7.1
82	4.0	3.1	2.0	2.1*	.9*	.0	.0	.0	TRACE	2.7	2.0*	.0	4.0
83	.0	3.4	2.1	1.0	1.0	TRACE	.0*	.0	TRACE	.0	1.0*	.0	3.4
84	.0	.7	1.4	1.0	3.5	TRACE*	.0*	.0	.0	2.4	1.0	4.0	4.0
85	3.0	3.3	2.0	7.0	2.0	.0	.0	.0	TRACE	3.0	1.0	4.5*	7.0
86	4.1	2.1	.0	2.0	.0	.0	.0	.0	TRACE	7.0	5.1	4.0	7.0
87	3.1	.0	4.0	.0	TRACE	.0	.0	.0	TRACE	1.0	3.0	.0	4.0
88	1.0	1.2	3.1	.0	3.4	.0	.0	.0	TRACE	1.0	1.7	1.1	1.0
89	3.1	2.1	2.4	1.1	1.5	TRACE	.0	TRACE	.0	3.0	1.0	5.0*	5.0
90	5.1	1.9	7.4	3.3	2.2	1.1	.0	.0	TRACE	3.0	1.0	2.0*	7.0
91	1.0	.0	2.1	3.0	.0	.0	.0	.0	.0	1.1	1.1	2.0*	3.0
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

CLIMATE CLIMATOLOGY BRANCH
 ETAC
 DEPARTMENT OF THE ARMY/AFAC

EXTREME VALUES
 MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

STATION AFCE ROMANOV AF STATION NAME AFCE ROMANOV AF YEARS 63-67, 69-84

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
63	0.1	0.1	19.5	1.7	0.1	0.1*	0.1*	0.1	TRACE	7.3	2.7*	3.0	* 81.5
64	1.1	0.5	7.1	3.7	2.0	1.0	0.1	0.4	TRACE	22.4	18.2*	0.1	* 67.6
65	11.2	31.4	0.0	0.0	TRACE	TRACE	0.1	0.1	3.5	0.2	2.5*	TRACE	*131.1
66	0.0	TRACE	0.0	0.0	0.1	0.1	0.1	0.1	4.0	9.2	1.0*	0.4	33.3
67	0.1	0.0	11.5	3.1	4.4	0.1	0.1	0.1	0.1	3.7	7.8	4.1	39.9
68	1.1	3.6	7.0	0.9	7.4	0.1	TRACE	0.1	0.1	0.1	21.7	4.1	59.9
69	13.1	17.9	0.2*	0.0	3.4	TRACE	0.1	TRACE	TRACE	0.2	17.6	17.9	*117.2
70	11.5	1.6	6.4	3.2	1.1	TRACE	TRACE	TRACE	TRACE	10.1	13.0	0.4	58.1
71	16.1	4.1	13.1	4.2	6.7	2.6	0.1	0.1	0.1	11.3	0.4	12.0	61.0
72	10.1	4.4	23.2	11.4	3.0	1.7	0.1	0.1	0.1	6.4	0.3	16.4	61.3
73	0.0	10.2	4.1	13.0*	10.0*	0.1	0.1	0.1	TRACE	11.3	15.0	0.1	
74	0.1	0.1	0.1	0.1*	2.1*	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
75	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
76	1.2	0.2	0.0	10.0	1.0*	0.1	0.1	0.1	0.1	1.1	4.0	1.7*	* 55.0
77	14.4	0.0	2.1	20.3	19.1	4.3	0.1	0.1	0.1	1.1	7.0	14.5	102.7
78	25.4	6.4	0.4	0.1	1.0*	TRACE*	0.1	0.1	0.1	0.1	0.1	0.1	*154.7
79	10.1	10.9	7.1	7.9*	1.4*	0.1	0.1	0.1	TRACE	0.4	7.1*	2.0	* 53.7
80	2.4	4.4	7.2	6.6	1.8	TRACE	0.1*	0.1	TRACE	0.3	0.0*	3.1	* 30.5
81	0.1*	1.2	4.4	4.2	4.0	TRACE*	0.1*	0.1	0.1	0.1	0.1	11.1	* 44.1
82	13.3	6.9	7.1	13.3	0.7	0.1	0.1	0.1	TRACE	10.3	0.3	21.7	91.2
83	6.4	0.9	3.4	12.5	0.1	0.1	0.1	0.1	TRACE	20.0	23.0	34.4	116.7
84	18.9	1.1	14.1	2.4	TRACE	0.1	0.1	0.1	TRACE	0.8	11.6	0.4	50.4
85	5.1	9.2	10.1	2.1	4.0	0.5	0.1	0.1	TRACE	23.3	5.5	3.7	66.7
86	13.3	0.2	6.4	4.1	2.4	TRACE	0.1	TRACE	1.1	0.0	10.5	21.7	77.7
87	19.1	3.4	16.6	6.8	6.1	1.6	0.1	0.1	TRACE	10.9	6.5	4.4	83.9
88	4.1	1.8	3.8	10.5	1.0	0.1	0.1	0.1	0.1	0.1	7.5	7.1	43.2
MEAN													
S D													
TOTAL OBS													

NOTE: * (TRACED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

FROM DAILY OBSERVATIONS

YEARS

NOTE * (BASED ON LESS THAN FULL MONTHS)

GENERAL CLIMATELOGY / MAC
 METEOR
 AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

YEARS

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
 METEOROLOGICAL
 AND WEATHER SERVICE BRANCH

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

STATION NAME: CAPE ROMNEY, W. VIRGINIA STATION NUMBER: 53-04 YEARS: 1951-54

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
51							TRACE				10	10	
52		14	15	41	24	17	TRACE	TRACE				10	41
53		13	19	21	12	22	4	TRACE	TRACE		10	17	24
54		41	26	115	114	30	2	TRACE			3	21	115
55		4	4	4	4	5	TRACE	TRACE		4	10	10	15
56		11	10	25	16	21	4	TRACE		1	4	10	22
57		7	11	17	13	23	TRACE		1	TRACE	4	5	23
58		23	42	27	11	13	TRACE		1	1	4	4	42
59		7	5	10	7	5	TRACE		1	1	5	10	13
60		11	13	12	10	14	2	TRACE		1	4	11	13
61		13	2	14	15	4	TRACE		1	1	4	5	15
62		1	17	13	15	11	6	1	1	1	24	24	24
63		12	24	25	13	8	3	1	1	2	4	5	24
64		2	21	21	11	11	5	1	1	1	1	1	21
65		4	7	16	11	10	4	1	1	1	2	4	21
66		1	9	9	9	1	1	1	1	1	7	9	9
67		13	23	30	17	15	1	1	1	TRACE	9	14	30
68		1	4	8	15	10	TRACE		1	TRACE	1	3	16
69		1	4	4	8	8	1	1	1	1	5	8	8
70		11	11	11	21	41	2	1	1	1	4	11	41
71		21	26	16	17	13	1	1	TRACE	1	5	2	26
72		1	6	6	11	4	1	1	1	1	5	4	11
73		3	6	9	9	6	TRACE	1	1	1	5	2	9
74		13	4	10	14	8	1	1	1	1	4	7	13
75		11	14	17	25	26	13	1	1	TRACE	5	5	25
76		11	14	14	22	7	1	1	1	1	11	13	22
77		24	25	34	24	18	9	TRACE	TRACE	1	4	9	34
78		24	24	31	31	21	1	1	1	1	2	2	31
79		16	21	22	18	13	TRACE	1	1	1	10	10	22
80		41	36	22	24	25	2	TRACE	1	1	11	7	41
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

1. ALL CLIMATE DATA
2. ETAC
3. WEATHER SERVICE NAME

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION NAME: CAPE CANAN OF AF, AR

1951-54

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
1951	1	1	13	33		1	1	1	1	1	1	1	1
1952	1	1	1	1	1	1	1	1	1	1	1	1	1
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968													
1969													
1970													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981													
1982													
1983													
1984													
1985													
1986													
1987													
1988													
1989													
1990													
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
2004													
2005													
2006													
2007													
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													
2020													
2021													
2022													
2023													
2024													
2025													
2026													
2027													
2028													
2029													
2030													
2031													
2032													
2033													
2034													
2035													
2036													
2037													
2038													
2039													
2040													
2041													
2042													
2043													
2044													
2045													
2046													
2047													
2048													
2049													
2050													
2051													
2052													
2053													
2054													
2055													
2056													
2057													
2058													
2059													
2060													
2061													
2062													
2063													
2064													
2065													
2066													
2067													
2068													
2069													
2070													
2071													
2072													
2073													
2074													
2075													
2076													
2077													
2078													
2079													
2080													
2081													
2082													
2083													
2084													
2085													
2086													
2087													
2088													
2089													
2090													
2091													
2092													
2093													
2094													
2095													
2096													
2097													
2098													
2099													
2100													

USAF ETAC FORM 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.



U.S. AIR FORCE
AFM 51-101
10-1-64

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1 101 101 OF AFM 51-101 71-101 YEARS 101
STATION NAME ALL 101-101 CLASS 101-101 HOURS (L.S.T.) 101-101
CONDITION 101-101

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 101



ALBUQUERQUE
NEW MEXICO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 STATION NAME ALBUQUERQUE YEARS 7
CLASS ALL WEATHER MONTH 1-12-64
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			1.4		7.7	7.7	4.4	1.1				1.1	2.2
NE	1.7		1.7	1.4	7.4	1.7	7.4	1.4	1.1			1.1	2.2
ENE				1.2									
E		7	1.9	1.7	1.9	1.9							17.7
ESE					1.9		7						14.7
SE				1.7									14.7
SSE	1.7				7	7							14.7
S	1.7	1.7	7	1.7	7	7							14.7
SSW		1.7											14.7
SW													14.7
WSW													14.7
W													14.7
WNW													14.7
NW						7	7						14.7
NNW													14.7
VARBL													14.7
CALM												11.1	14.7

TOTAL NUMBER OF OBSERVATIONS 11.1

U. S. AIR FORCE
 WASHINGTON, D. C.
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 140 NAME CAPE ROMAN OF ARMENIA YEARS 78-84 MONTH FEB
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		1.2	1.2	2.6	2.1	3.4	4.3	3.4				1.4	28.2
NE				1.6	1.6	2.6	2.6	2.6				13.1	22.3
ENE				1.6	1.7		.7	.5				4.2	10.3
E		.7	.7	1.7	1.4	1.4	.6					7.1	10.3
ESE	1.2	1.1		1.4	1.4	.5						6.2	11.2
SE	1.2		1.4	1.2	.6							3.4	7.2
SSE				1.4	.7							1.2	11.2
S		1.2	1.7	.6	.6	.3						4.6	15.0
SSW		.7										.9	3.2
SW												.2	4.2
WSW												.2	10.2
W												.2	2.2
WNW												.7	2.2
NW		.2	.2			.2	.2	.2				1.0	23.0
NNW	.2		.2	.2	.2	.2	.2					1.7	20.1
VARBL													
CALM												1.2	

TOTAL NUMBER OF OBSERVATIONS 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAN OF AFS AK YEARS 73-84 MONTH FEB
CLASS ALL WEATHER
CONDITION 100-2200
HOURS (LST) 100-2200

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	1.0	2.2	2.7	2.4	.0	.0	.0	.0	1.0	2.0
NNE	.0	.0	1.0	4.0	2.0	4.1	4.3	4.1	1.0	.0	.0	2.0	22.0
NE	.0	.0	1.0	1.0	1.5	1.2	2.0	1.0	1.0	.0	.0	1.0	2.0
ENE	.0	.0	.0	.0	.7	1.4	.0	.7	.0	.0	.0	.0	1.0
E	1.0	1.0	.7	1.0	2.7	.0	.7	.0	.0	.0	.0	.0	1.0
ESE	.0	.7	1.0	1.4	1.4	.0	.0	.0	.0	.0	.0	.0	1.0
SE	1.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SSE	.7	1.4	.7	1.0	.7	.0	.0	.0	.0	.0	.0	.0	1.0
S	1.0	1.4	.0	.7	.7	.0	.0	.0	.0	.0	.0	.0	1.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
VARBL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0

TOTAL NUMBER OF OBSERVATIONS 100

UNITED STATES AIR FORCE
 14-00000
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7-100 STATION NAME CAPE ROMAN OF AFS AK YEARS 70-84 MONTH JAN
 CLASS ALL WEATHER HOURS (LST) ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4		1.7	1.3	1.0	1.3	.6	.1			4.2	19.0
NNE		1.2	1.0	1.7	2.4	2.9	2.3	2.7	.2	1.2		12.3	23.0
NE		.5	.9	1.0	2.7	3.1	1.0	1.3	.2	.2		12.0	21.0
ENE	.4	.2	.7	1.1	1.8	1.5	.2	.1				1.2	16.7
E		.2	1.7	1.2	3.6	2.3	.1	.1				11.4	16.4
ESE		.4	.5	.3	1.9	.5	.2					4.5	14.7
SE		.7	.7	1.7	1.3	.3	.2					5.3	12.4
SSE		.5	.6	1.5	1.4	.5	.1		.1			5.1	13.0
S	1.2	1.5	.5	1.2	.7	.4						5.7	11.7
SSW	.4	.7	.7	.5	.2	.2						2.7	8.6
SW		.1	.2	.3	.1							.7	9.0
WSW	.1	.2	.2	.2								.5	5.0
W	.1	.1	.3	.1								.1	7.2
WNW	.1	.1	.2	.1	.2							.5	8.0
NW	.1	.2	.4	.5	.1	.2						1.2	10.3
NNW	.1	.2	.3	.5	.2	.2	.2					1.2	12.0
VARBL													
CALM												11.7	
	4.5	8.1	2.5	21.6	17.7	12.6	5.0	4.7	1.4	1.2	.2	100.0	15.6

TOTAL NUMBER OF OBSERVATIONS 6000

JOINT CLIMATE LOG BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 STATION NAME CAPE ROMAN OF AFS AK YEARS 72-84 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.7	1.2	.2	1.7	1.1	.5	1.4	.7			2.7	19.0
NNE	.	1.7	1.5	2.8	2.8	4.1	2.5	2.2	1.1	1.1		20.0	23.5
NE	.	.	1.1	1.5	3.2	1.5	7.3	1.4	.	.		13.4	22.4
ENE	.	.	1.2	1.7	1.5	1.2	.2					6.7	14.5
E	.	.	1.7	2.2	3.1	2.7	.2					11.1	15.5
ESE	.	.3	.7	2.6	1.5	.5						5.7	14.7
SE	.	.7	1.2	2.5	2.3	.5						6.5	14.7
SSE	.	.7	.5	1.7	1.5	1.1			.2			6.7	15.2
S	.	1.1	.5	1.1								3.4	7.7
SSW	.	.5	1.1	.5		.3						3.5	9.4
SW	.7		.5		.2							.5	9.3
WSW			.7									.5	10.0
W		.2	.7									.5	7.3
WNW	.7	.2	.3									.5	6.2
NW		.2	.4	.4	.7	.2						2.5	11.8
NNW		.2	.3	.2								.5	6.3
VARBL													
CALM												10.0	
	5.2	6.2	12.6	10.7	12.1	13.4	5.5	5.2	2.7	1.2		10.0	16.1

TOTAL NUMBER OF OBSERVATIONS 651

U.S. AIR FORCE CLIMATE CENTER
 AFMPC-140
 AIR WEATHER SERVICE (AWAC)

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 NAME CAMP ROMAN OF AFRICA YEARS 78-80 MONTH JAN
 CLASS ALL WEATHER
 HOURS (L.S.T.) 1400-2100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.1	.1	1.5	2.2	1.1	1.4	.6				7.8	20.4
NNE	.1	1.7	1.1	1.5	2.6	1.7	2.2	2.6	1.7	.7	.1	17.6	24.7
NE	.1	.1	1.6	1.6	3.7	1.7	1.1	2.5	.2	.3		14.1	21.3
ENE	.1	.1	.1	1.2	2.3	1.1	.4	.2				6.0	16.1
E	.1	.1	.1	1.9	4.5	2.2	.1					11.2	16.6
ESE	.1	.1	.1	1.9	1.2	.5	.7					2.3	14.3
SE	1.1	.1	1.4	1.7	1.6	.2						7.1	11.4
SSE	.1	.1	.4	1.4	1.5	.9						5.7	14.4
S	1.1	2.7	.1	1.4	.1	.2						6.6	9.3
SSW	.1	1.7	.1									2.5	5.2
SW	.1	.2	.3	.3								1.2	6.6
WSW	.1	.1										.1	4.3
W	.1			.7								.1	5.4
WNW	.1			.7								.3	8.5
NW	.1	.1	.7	.3								1.2	6.0
NNW		.1	.5	.2								1.2	6.5
VARBL													
CALM												7.7	
	6.1	1.4	9.7	1.6	2.3	11.7	5.5	5.8	1.7	1.4	.1	1.1	10.2

TOTAL NUMBER OF OBSERVATIONS 451

CLIMATE CLIMATOLOGY HANDBOOK
 USAFETAC
 AIR WEATHER SERVICE/ANAL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 121 CAPE ROMAN, OF AFS AK STATION NAME 7-44 YEARS JAN MONTH
 ALL WEATHER CLASS 11-2-1700 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	1.0	1.5	2.0	.0	.0	.0	.0	.0	.0	1.0
NNE	.0	.0	.0	.4	2.0	4.1	2.0	0.0	1.2	.0	.0	1.0	2.0
NE	.0	.0	.0	.0	2.3	2.0	2.3	.0	.0	.0	.0	11.0	21.0
ENE	.0	.0	.0	.3	2.2	.0	.0	.0	.0	.0	.0	.0	10.0
E	.0	.0	1.4	3.2	3.0	3.1	.0	.0	.0	.0	.0	10.0	17.1
ESE	.0	.0	.0	.0	2.0	1.4	.0	.0	.0	.0	.0	.0	10.0
SE	.0	.0	.0	.0	1.7	1.0	.0	.0	.0	.0	.0	.0	13.4
SSE	1.0	.0	1.4	2.0	1.5	.0	.0	.0	.0	.0	.0	.0	12.0
S	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
SSW	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.7
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
VARBL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	5.1	4.0	21.0	17.8	14.9	4.5	3.4	1.0	.0	.0	1.0	15.7

TOTAL NUMBER OF OBSERVATIONS 651

UNITED STATES AIR FORCE
 AFMAG
 AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1010 COPE GCMAL OF AFMAG STATION NAME 72-24 YEARS 10
 MONTH 10-14
 CLASS ALL WEATHER
 HOURS (L.S.T.) 10-14
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	.7	.8	1.1	1.4	2.2					.6	21.
NNE	.1	.5	1.7	4.7	2.3	2.2	1.5	3.7	.2	.2	.2	1.8	22.
NE	.1	.5	.5	1.9	2.8	2.5	2.5	.8	.7			11.1	22.
ENE	.1	.2	.2	.6	1.7	2.7	.3					.6	17.
E	.1	.3	.5	4.5	2.5	2.1	.2					11.1	16.
ESE	.1	.5	.7	.9	2.3	.4						5.7	14.
SE	.1	.5	.7	.6	1.4	.3						5.3	13.
SSE	1.4	.7	.5	2.4	1.5	.2						5.4	11.
S	.1	1.7	.2	.3	1.1							4.1	16.
SSW	.1	.7	1.7	.9	.2							3.2	6.
SW		.5	.2	.5	.2							.5	12.
WSW		.5		.2								.5	7.
W	.1	.5	.2	.3								.5	6.
WNW	.1		.2	.3								.5	6.
NW			.6	.6								1.2	11.
NNW		.2	.5	.6			.2					1.2	14.
VARBL													
CALM												1.2	
	1.1	2.6	7.5	24.3	12.3	11.1	6.9	4.5	.5	.5	.2	15.1	12.

TOTAL NUMBER OF OBSERVATIONS 65

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 00127 STATION NAME CAPE ROMAN, OF AFS AK YEARS 72-74 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 0000-1100
CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.9	.9	.8	2.6	1.7	.6				7.8	22.
NNE	.	1.2	2.7	1.1	1.4	1.1	2.5	3.1	.8	.3	.	18.4	21.
NE	.	.	.6	1.3	2.5	2.5	2.6	.9	.3	.7		12.3	23.
ENE	.		1.2	1.8	2.2	1.8		.2				7.4	17.
E	.	.	.6	2.2	3.5	2.5	.2					11.0	16.
ESE	.	.7	.3	1.7	2.5	1.4						7.1	15.
SE	1.1	.	.	1.2	.6	.5						4.7	9.
SSE	.	.	.5	.9	1.8	.3						4.7	13.
S	1.1	1.1	.4	2.2	1.2							7.1	9.
SSW	.	1.1	.3	.5	.6							4.7	9.
SW	.	.2	.5		.2							1.1	7.
WSW	.	.7	.7									1.1	4.
W	.	.	.7									.6	6.
WNW	.	.	.	.5								.7	9.
NW	.	.	.3	.2								.5	16.
NNW	.	.	.5	.6	.3	.3						2.0	14.
VARBL													
CALM												10.0	
	1.1	1.4	17.0	12.0	17.5	12.9	5.9	4.8	1.1	.6	.	100.0	15.

TOTAL NUMBER OF OBSERVATIONS 85

GENERAL CLIMATOLOGY - HANCO
USAFETAC
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 700100 CAPE ROMAN OF AFS AK 73-14 JAN
STATION NAME YEARS MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEE
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAL

SURFACE WIN

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 70100 CAPE ROMERO OF AFS AK 78-84 YEARS
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N			1.2	1.7	.8	1.9	.6	1.1				8.4
NNE		1.9	1.1	3.6	2.8	2.8	1.0	2.5	.6	1.1		17.3
NE		1.1	1.1	3.3	2.0	2.6	1.1	1.4	.5	.2		13.5
ENE		.2	.2	1.2	1.5	1.7		.2				6.2
E		.2	1.7	3.7	4.3	.9						18.2
ESE		.2	.2	.6	2.8	2.2	.8					6.6
SE		.7	.2	.2	1.2	.6	.3					3.6
SSE		.2	.6	.7	2.0	1.2	.5	.5				5.7
S	1.7	1.1	.2	1.4	.9	.5						6.2
SSW	.2	.2	.3	.2	.5							2.5
SW	.2	.3		.2								.6
WSW		.2	.2									.5
W	.2	.2	.5	.2								.6
WNW	.2		.7		.2							.8
NW			.2	.5								.7
NNW		.2	.2	.5	.3							1.1
VARBL												
CALM												1.7
	6.1	3.7	9.2	22.2	17.3	12.1	4.3	5.1	1.7	1.7		100.0

TOTAL NUMBER OF OBSERVATIONS

ALPHAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ANAL

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION CAPE ROMAN OF ARS AK STATION NAME 75-4 YEARS 12
 CLASS ALL WEATHER HOURS (L) 2400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	A V S
N	.1	.1	1.2	2.5	1.4	.2	1.4	.5	.2			1.1	
NNE	.1	1.2	1.5	2.7	2.3	2.4	2.5	2.5	.2	1.7		1.4	
NE	.1	1.2	.1	1.2	2.3	2.3	2.3	1.2	.1	.2		1.2	
ENE	.1	.2	.2	1.7	1.2	1.1	.1	.2				.2	
E	.1	.2	.2	1.4	2.7	2.4						1.2	
ESE	.1	.2	1.2	2.0	1.5	.5						2.4	
SE	.1	.2	1.1	1.4	1.5		.5					2.2	
SSE		1.1	.1	1.5	1.5	.5	.2		.2			.2	
S	1.2	1.7	.6	.1	.5							.2	
SSW	.1	.1	.5	.5	.2							1.2	
SW	.1		.1	.3	.2							.2	
WSW	.1		.2									.2	
W	.1	.2	.2									.2	
WNW		.1	.2									.1	
NW		.1		.1	.2							1.2	
NNW		.1	.2	.2	.2							1.4	
VARBL													
CALM												.4	
		2.4	1.2	23.2	16.7	12.5	6.6	4.3	1.2	1.5		10.0	

TOTAL NUMBER OF OBSERVATIONS 2400

✓

2014-2015

FROM DAILY OBSERVATIONS

~~77-44~~

YEARS

10



NOTES • BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

AT LEAST SIX MONTHS, AND FULL KNOWLEDGE

U.S. AIR FORCE WEATHER SERVICE
 1001
 1001

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1001 STATION NAME CAPE ROMANA, AF, AK YEARS 70-84
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.0	.0	.7	.5	1.7	2.2	2.7	.7		.0		11.1
NNE	.0	1.0	2.7	4.0	3.5	6.6	4.0	4.7	1.0	.0		20.0
NE	.0	.0	1.0	2.4	1.7	1.2	1.3	1.0				11.1
ENE	.0	.0	.7	2.4	1.0	.3						5.0
E	.0	.0	1.0	.0	1.0	.0	.0					7.4
ESE	.0	.0	.0	1.0	.0	.0	.0					4.4
SE	1.0	.0	1.0	1.0	.0							7.7
SSE	1.0	.0	.0	.5	.7	1.0						4.0
S	1.0	1.0	1.0	.0	.7	.0						5.7
SSW	1.0	1.0	.0	.0								2.4
SW	.0	.0										1.0
WSW			.0									.0
W	.0											.0
WNW												.0
NW								.0	.0			.0
NNW			.0		.0	.0	.0					1.0
VARBL												
CALM												11.1
	5.0	8.1	10.6	11.4	11.3	12.4	9.6	6.6	1.0	.7		100.0

TOTAL NUMBER OF OBSERVATIONS

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION CAPE ROMAN OF AFS AK STATION NAME CAPE ROMAN OF AFS AK YEARS 74-84 ELEVATION 100 FEET
CLASS ALL WEATHER HOUSE (L.S.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME W/ SPI
N	.7	.4	.7	1.7	2.5	1.3	2.0	.3				16.1	2
NNE	.7	1.5	1.0	1.1	5.2	4.9	5.6	3.9	1.7			28.5	2
NE		1.0	1.5	2.5	1.2	2.4	2.0	.3				11.8	1
ENE	.7	.3	.5	1.5	.7	.5	.3	.3	.2			4.9	1
E	.7	.5	.7	.7	.8	1.2	.3					7.6	1
ESE	.7	.3	.5	.7	.7	.2	.2	.3				3.5	1
SE	1.1	1.4	.3	1.2	.3							3.9	
SSE		1.0	.9	1.0	1.0	.3						5.1	1
S	1.1	1.3	.7	1.7	.8	.5						5.6	
SSW	1.0	.3	.5									2.4	
SW	.7	.3										.5	
WSW	.7		.2									.5	
W	.7	.3										.5	
WNW		.3										.5	
NW	.7					.2	.2	.2				.7	2
NNW					.2	.3	.2			.5		1.2	3
VARBL													
CALM												1.1	
	1.5	2.4	7.2	1.4	13.5	12.8	11.6	5.6	1.5	.5		100.0	1

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR CLIMATOLOGY BRANCH
AFS-CLTAC
AIR WEATHER SERVICE/MAL

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-10 CAPE ROMAN OF AFS AK 75-94 YEARS FEB MONTH

ALL WEATHER
CLASS

1-00-2
HOURS (L.S.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MI W SP
N	.7	.7	.7	.7	1.2	3.7	1.2	1.3				11.2	2
NNE	.7	.7	.7	.7	2.7	5.5	4.4	3.7	1.2			25.3	2
NE	.7	1.2	1.7	1.2	2.5	2.7	2.2	1.3				14.6	1
ENE	.7	.7	.7	1.3	.3	1.2	.7	.7				7.4	1
E	.7	1.2	1.5	1.3	1.3	.7	.7	.7				9.1	1
ESE	1.2	.7	.7	.3	.7		.7	.7				4.9	1
SE	.7	1.0	.7	1.7								7.5	
SSE	.7	1.7	1.7	1.7	1.5	.3						9.4	1
S	1.2	1.3	.3	.3	.7	.5						5.1	
SSW	.7											.3	
SW		.3										.3	
WSW	.7											.3	
W		.3										.3	
WNW													
NW						.3	.2	.7				.7	2
NNW						.3			.7	.7		.7	3
VARBL													
CALM												1.2	
	2.7	9.7	10.1	15.2	11.6	16.3	2.9	7.9	1.7	.2		100.0	1

TOTAL NUMBER OF OBSERVATIONS

JOINT CLIMATE CENTER
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 1100 CAMP BOMAN, DE AFS, AR 75-54 YEARS 1955
STATION NAME ALL WEATHER CLASS 1100-7
CONDITION 1100-7
HOURS CL B

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	M W S
N													
NNE	1.0	1.0	2.0	2.0	4.0	5.0	4.0	7.0	1.0				
NE	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0					
ENE			1.0	1.0	1.0	0.5	1.0						
E	1.0	0.7	1.0	1.0	0.5	0.5	0.5						
ESE	1.0	1.0		1.0	0.5	0.5							
SE	1.0	0.7	0.5	2.0	0.5								
SSE		1.0	0.5	1.0	0.5	0.5							
S	1.0	1.0	0.5	0.5	0.7								
SSW		0.7											
SW		0.7	0.5										
WSW													
W													
WNW			0.5										
NW						0.5	0.5	0.5					
NNW				0.5		0.5							
VARBL													
CALM													
	2.0	5.9	7.1	17.7	13.5	11.4	17.1	4.2	1.0				

TOTAL NUMBER OF OBSERVATIONS 1100-7

JETRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 167 CAPE ROMAN OF ARMAY

78-99

YEARS

NORTH

ALL WEATHER

CLASS

111
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEI
N	.1	.2	.7	1.5	1.9	2.4	2.7	1.2	.1	.1		11.4	23
NNE	.1	1.2	2.2	4.2	3.9	5.0	4.6	4.1	1.1	.1		30.8	23
NE	.1	.1	1.1	2.3	1.9	2.1	2.3	1.4	.2	.1		11.2	20
ENE	.1	.1	.7	1.4	.4	.4	.4	.4	.1	.1		1.1	17
E	.1	.7	1.2	2.6	1.4	.9	.4	.1				7.0	14
ESE	.1	.7	.4	1.5	.9	.3	.2	.1				3.0	12
SE	.1	.7	.6	1.4	.3	.1						4.1	9
SSE	.7	1.1	.5	1.2	.8	.9						4.0	11
S	1.7	1.4	.5	.8	.7	.3						3.1	5
SSW	.1	.7	.7	.6	.7							1.0	4
SW	.1	.3	.1									.7	4
WSW	.1	.1	.1									.3	2
W	.1	.1	.7	.1								.3	2
WNW	.1	.1	.1	.7								.3	2
NW	.1	.1	.1	.7		.2	.1	.1	.1			.3	23
NNW	.1	.1	.1	.1	.1	.4	.2		.1	.1		1.2	24
VARBL													
CALM												11.0	
	7.1	8.6	9.4	17.2	12.3	13.0	11.1	7.3	1.6	.3		100.0	10

TOTAL NUMBER OF OBSERVATIONS

47

U.S. AIR FORCE
 USAFETAC
 WEATHER SERVICE/MAAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 STATION NAME CAMP DUMAS, CP AF, AK YEARS 78-84 MONTH 4/2

CLASS ALL WEATHER HOURS (L & S) 700-0

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WI SPE
N	.2	.5	1.1	2.4	.5	.2	.5					2.4	1
NNE	.	.5	2.2	4.2	4.2	4.2	3.8	1.2	.2			25.1	2
NE	.	.8	1.7	3.2	2.6	4.3	2.3	1.5	.2			12.4	2
ENE	.	.6	.6	4.2	2.2	1.5	1.2	.3				11.4	1
E	.	1.4	1.2	4.2	2.2	1.1	.2					11.1	1
ESE	1.2	.3	.5	.2	.5							4.2	
SE	.	.6	1.4	1.2	.3	.5	.5					4.5	1
SSE	.	.7	.6	.3	1.2	.2	.2					3.2	1
S	.	.7	.6	1.2	.2	.2	.3					3.2	1
SSW	.	.2		.2								.2	
SW	.	.2		.2								.2	
WSW													
W													
WNW		.2										.2	
NW	.		.2									.2	
NNW		.2	.2		.2	.3						1.1	1
VARBL													
CALM													
	.7	7.2	12.4	22.8	17.8	15.2	6.9	3.4	.2			100.0	1

TOTAL NUMBER OF OBSERVATIONS _____

JOINT CLIMATELOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7-12 NAME LAKE TUMPA OF AFS AM YEARS 73-74 MONTH ALL
STATION NAME CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.2	.5	1.4	.2	.5	.3				2.8	17.3
NNE	.1	1.2	3.1	7.1	5.1	7.4	2.2	1.1				22.8	19.0
NE	1.1	2.1	1.2	4.5	5.1	4.1	2.2	1.5				20.4	20.2
ENE	.1	.2	.5	2.7	2.2	.2	1.1	.5	.2			5.1	17.9
E	.1	.3	2.7	4.3	2.2	1.1	.5	.2				11.1	14.7
ESE	.1	.2	.9	1.2	1.2	.2						4.4	11.7
SE	.1	.1	.3	.9	.2	.5	.6					3.4	14.0
SSE	.1	.2	.7	.5	1.2	.2						3.0	11.3
S	1.1	1.2	1.2	1.2	.5	.5	.2					5.5	11.1
SSW	.2		.2	.1								1.0	7.5
SW													
WSW													
W													
WNW	.1	.3										.5	4.3
NW		.2										.2	5.0
NNW		.2		.5	.2							.2	11.5
VARBL													
CALM												5.5	
	7.5	3.0	11.1	22.4	15.7	17.4	7.8	3.5	.6	.5		100.0	15.0

TOTAL NUMBER OF OBSERVATIONS 651

JOINT CLIMATE DATA CENTER
 USAFETAC
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-10 STATION NAME CAPE ROMAN OF AFRICA YEARS 78-94 DATE 10-20-94
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.2	1.2	1.2							4.5	10.1
NNE		1.4	2.5	4.3	5.0	3.7	2.1	1.5				23.7	10.4
NE		1.0	1.0	2.8	2.4	3.1	3.5	1.7	.3	.7		14.2	10.3
ENE				2.2	2.2	3.5	.7	.5				1.3	10.2
E			2.7	4.1	1.7	1.2	.5	.2				15.4	14.0
ESE			.7	.5	1.1							3.1	12.0
SE		1.4		1.4	.9	.4	.2					4.1	12.3
SSE				.7	.5	.4						4.3	13.0
S		1.1		1.2	.5	.6						4.3	12.0
SSW				.7								1.2	5.5
SW				.7	.2							.4	11.7
WSW													
W													
WNW			.7									.4	4.0
NW			.7		.2							.6	5.0
NNW			.7	.5	.2							.3	11.0
VARBL													
CALM												7.5	
	5.7	7.9	11.3	22.9	17.5	14.1	6.5	4.5	.5	.7		100.0	15.5

TOTAL NUMBER OF OBSERVATIONS 651

U.S. AIR FORCE
 METEOROLOGICAL BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7-100 STATION NAME CAPE ROMANCE AFB AK YEARS 74-84 MONTH 040
 CLASS ALL PLATINUM
 HOURS (L.S.T.) 000-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		1.1	1.1	5.7	4.5	5.1	2.5	1.5				22.1	26.0
NE			2.5	2.7	2.5	4.6	2.0	1.2				15.7	20.8
ENE			1.5	1.5	2.5	2.0	3.3					9.5	15.9
E			2.5	4.1	1.3	5.5	2.0					9.7	14.3
ESE	1.1			1.5		5.5						5.7	12.4
SE				2.3	1.1	5.5						5.5	12.3
SSE	1.1			1.4	1.4	3.3	2.0					5.7	12.1
S		1.5	5.5	2.7	5.5	5.5						15.4	11.5
SSW			2.7	2.7		2.7						1.1	7.0
SW					2.7							5.5	11.5
WSW												5.5	4.5
W		2.7										2.7	2.5
WNW		2.7		2.7								5.5	5.7
NW		2.7	3.3	2.7								2.7	7.7
NNW		2.7	2.7	2.7	2.7							2.7	9.2
VARBL													
CALM												7.7	
	5.1	7.5	17.2	25.1	16.7	15.4	6.5	2.0	2.7	2.7		100.0	15.4

TOTAL NUMBER OF OBSERVATIONS 651

USAFETAC
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAN OF AFS AK STATION NAME 75-84 YEARS 1950-1954 MONTH 1950-1954
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 651

ANNUAL CLIMATOLOGY
 USAFETAC
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12 NAME CAPE COMB OF AFS AK YEARS 73-74 MONTH ALL
 CLASS ALL WEATHER
 CONDITION 1400-1700
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.5	.5	1.4	1.7	.4	.2				7.4	1.0
NNE	.1	.2	2.5	4.0	4.5	5.5	5.4	1.0				21.1	2.5
NE		.5	2.2	2.1	3.5	2.4	2.0	1.1		.2		15.7	1.9
ENE	.1	.2	.2	2.4	2.0	2.3	.5	.2				7.4	1.4
E	.1		.1	2.3	1.2	.5	.2					5.1	1.4
ESE	.1	.2	1.1	3.2	.5	.5						5.2	1.3
SE		.5	.5	1.4	1.4	.3	.5					5.1	1.4
SSE	.1	.2	1.1	2.5	1.5	.3	.2					5.2	1.4
S	1.4	.2	1.1	.5	1.2							5.2	2.3
SSW	.1	.2	.5									1.4	2.3
SW	.1		.2			.3	.2					.7	1.4
WSW	.1		.2									.7	1.4
W	.1	.5	.2									1.1	2.4
WNW	.2		.2									.5	2.4
NW		.2	.2	.2								.5	2.4
NNW	.1	.2	.2									.7	2.4
VARBL													
CALM													
	4.5	1.5	12.0	12.0	15.4	15.1	4.5	2.6		.2		100.0	15.7

TOTAL NUMBER OF OBSERVATIONS 651

JOINT CLIMATE CENTER
AFMPC
AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-1-1 NAME CAPE MAY OF AF YEARS 75-76 MONTH 1-12
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 32	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													15.7
NNE													15.7
NE													15.7
ENE													15.7
E													15.7
ESE													15.7
SE													15.7
SSE													15.7
S													15.7
SSW													15.7
SW													15.7
WSW													15.7
W													15.7
WNW													15.7
NW													15.7
NNW													15.7
VARBL													15.7
CALM													15.7
													15.7

TOTAL NUMBER OF OBSERVATIONS 651

CLIMATE DIVISION, WASH
 D.C. AFSTAC
 AIRCRAFT SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMANOF AFS AK STATION NAME 74-84 YEARS 1974-2000
 CLASS ALL WEATHER MONTH 1974-2000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.7	1.7	1.1	1.2						0.7	15.3
NNE		1.4	2.7	1.1	5.3	5.5	5.7					28.7	28.3
NE			1.4	5.1	2.3	4.2	2.5	1.5				16.2	21.1
ENE			1.7	4.5	2.2	1.3	5.8					17.4	18.7
E				4.1	1.1	.5						7.4	14.2
ESE			1.5	1.4	1.2	.5						5.1	13.5
SE			1.5	1.7	.2	.5	.5					5.4	13.5
SSE			.6	1.4	.6	.2						2.4	12.1
S		1.1	1.1	.3	1.2	.5						5.1	12.1
SSW												.5	7.5
SW				.7	.7							.5	13.5
WSW												.5	2.5
W												.5	5.5
WNW												.5	5.5
NW												.5	4.5
NNW			.7	.7								.5	7.5
VARBL													
CALM												7.7	
	7.7	6.5	17.5	23.3	16.1	15.1	7.7	2.5	.7	.2		100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 65

✓

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAKE CHARLES, LA STATION NAME LAKE CHARLES, LA YEARS 7-6 MONTH ALL

CLASS ALL HOURS (L.S.T.) ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	1.1	.2	1.7	1.4	.2	.2	.2	.2	.2	7.7	16.6
NNE	.1	.1	2.1	.2	2.1	6.1	7.6	1.7	.2	.2	.2	23.4	26.1
NE	.1	.1	1.7	7.6	2.6	5.7	2.6	1.4	.2	.2	.2	17.4	26.2
ENE	.1	.1	1.7	.2	2.1	1.7	.7	.2	.2	.2	.2	7.7	17.4
E	.1	.1	1.4	7.7	1.9	.7	.7	.2	.2	.2	.2	7.7	14.4
ESE	.1	.1	.2	1.4	.7	.4	.2	.2	.2	.2	.2	7.7	16.6
SE	.1	.1	.7	1.6	.1	.2	.7	.2	.2	.2	.2	7.7	16.6
SSE	.1	.1	.7	1.6	1.2	.3	.1	.2	.2	.2	.2	7.7	16.6
S	.1	1.6	.7	1.3	.7	.7	.1	.2	.2	.2	.2	7.7	11.3
SSW	.1	.4	.7	.7	.2	.2	.1	.2	.2	.2	.2	7.7	16.6
SW	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	7.7	16.6
WSW	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	7.7	16.6
W	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	7.7	16.6
WNW	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	7.7	16.6
NW	.1	.2	.7	.1	.1	.2	.2	.2	.2	.2	.2	7.7	16.6
NNW	.1	.2	.7	.2	.1	.2	.2	.2	.2	.2	.2	7.7	16.6
VARBL	.1	.2	.7	.2	.1	.2	.2	.2	.2	.2	.2	7.7	16.6
CALM	.1	.2	.7	.2	.1	.2	.2	.2	.2	.2	.2	7.7	16.6

TOTAL NUMBER OF OBSERVATIONS 5236

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	1.4	1.7	1.1	.5	.7					2.5	1.3
NNE	.	1.2	1.4	1.4	1.2	1.2	.3					2.4	1.4
NE	.	1.1	1.3	1.3	.6	.5						2.4	1.4
ENE	.	1.1	1.3	1.3		.3	.3					2.7	1.4
E	.	.	1.7	1.1	.3							2.1	1.4
ESE	.	1.4	1.7	.5								4.3	7.1
SE	.	1.4	1.1	1.4								3.1	2.2
SSE	.	.7	1.1	1.4								3.5	2.2
S	.	1.7	1.5	1.1	.5	.2						1.1	1.3
SSW	1.2	2.7	.5	.3	.2							2.1	2.2
SW	1.	2.2	.3									4.5	4.1
WSW	.	1.4	.5									2.5	2.2
W	.	1.4	1.4									2.2	2.2
WNW		.	.4									1.1	2.2
NW		.7	.5									.2	7.1
NNW		.7	.7									.5	7.1
VARBL													
CALM												.5	
		1.2	1.2	1.2	1.2	1.2	1.2	1.2				1.2	2.2

TOTAL NUMBER OF OBSERVATIONS 1,531

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/XXAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMANA OF AFD AV STATION NAME CAPE ROMANA YEARS 7-14 DAY 14 MONTH 14

CLASS ALL WEATHER

CONDITION

HOURS (L.S.T.) 00-1400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.7	2.8	.5	.5	.6					7.0	13.4
NNE	.0	1.0	4.0	1.0	5.4	1.5	.6					7.0	13.7
NE	.0	.0	4.0	3.5	1.2	1.1	.7					11.4	12.7
ENE	.0	1.1	2.0	2.5	.3	.5						7.0	10.7
E	.0	.0	2.0	2.0	.5							3.0	9.7
ESE		1.0	1.1	.2								3.0	6.0
SE	.0	.0	.2	.5								3.0	6.0
SSE	.0	.0	1.1	1.0		.2						3.0	6.0
S	.0	1.0	3.5	2.0	.5							10.5	10.4
SSW	.0	1.1	1.0	.7	.3							7.7	6.0
SW	.0	1.0	.0									.3	4.5
WSW	.0	.0	.0									1.1	4.0
W		1.1	.3									1.4	2.7
WNW	.0	.3										.6	4.2
NW	.0	.0	.0									1.2	2.0
NNW		.0	.0									1.4	1.1
VARBL													
CALM												1.0	
	7.4	10.4	15.3	20.7	2.4	3.7	1.4					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 651

JOINT CLIMATE SERVICE BRANCH
USAFETAC
AIR WEATHER SERVICE/ANAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAY OF AFB, AK YEARS 74-76 MONTH MAY
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N					1.4	.5	.7	.2				2.8	13.4
NNE	1.3	2.3	7.4	10.7	3.8	2.0						27.5	12.1
NE	1.3	1.7	5.4	4.1	1.7	1.8						11.1	11.2
ENE	1.3	.7	3.4	4.1	1.4	.2						11.7	11.4
E	1.7	1.7	1.7	2.2	.3							5.6	8.9
ESE	.	.4	1.0	1.1								2.1	3.2
SE	.	.3	1.2	.6								2.1	7.2
SSE	.7	.5	1.1	1.4	.2	.3						2.7	10.2
S	1.1	.7	2.5	1.8	.9							7.4	9.4
SSW	.2	.5		.9	.3							2.1	7.1
SW	.2	.5	.7	.7								.7	6.1
WSW		.7										.2	1.1
W	.	.	.7									.2	3.2
WNW	.7	.5	.7									.2	4.2
NW	.	.5	.7									.7	4.4
NNW	.	.5	.7		.2							1.2	3.2
VARBL													
CALM												.4	
	1	11.2	25.4	26.7	12.6	4.3	.7	.2				1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 551

LOCAL CLIMATOLOGY
 USAFETAC
 AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1 STATION NAME CAPE ROMAN OF AFS AK YEARS 74-84 DAY 1 MONTH 1 YEAR 1984

CLASS ALL WEATHER

CONDITION

HOURS (LST) 12-24

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	1.7	.	.	.	.	.	.	.	24.7	12.3
NNE	.	1.4	2.1	1.7	4.6	1.1	.	.	.	.	.	15.5	14.2
NE	.	2.1	2.1	2.7	2.9	1.7	.	.	.	.	.	12.7	11.7
ENE	.	1.4	4.3	.	1.7	.	.	.	.	.	.	7.4	10.1
E	.	1.1	1.	1.7	1.7	.	.	.	.	.	.	4.1	6.
ESE	.	1.1	2.5	.	.	.	.	.	.	.	.	2.5	7.4
SE	.	.	.	.	.	.	.	.	.	.	.	2.5	3.1
SSE	.	1.7	1.1	2.7	.	.	.	.	.	.	.	6.1	10.1
S	.	1.7	1.7	1.7	1.4	.	.	.	.	.	.	1.1	7.7
SSW	.	.	.	.	.	.	.	.	.	.	.	.	2.5
SW	.	.	.	.	.	.	.	.	.	.	.	.	2.5
WSW	.	.	.	.	.	.	.	.	.	.	.	.	2.5
W	.	.	.	.	.	.	.	.	.	.	.	.	2.5
WNW	.	.	.	.	.	.	.	.	.	.	.	.	2.5
NW	.	.	.	.	.	.	.	.	.	.	.	.	2.5
NNW	.	1.1	.	.	.	.	.	.	.	.	.	1.7	4.4
VARBL	.	.	.	.	.	.	.	.	.	.	.	.	.
CALM	.	.	.	.	.	.	.	.	.	.	.	7.1	.
	1.5	1.1	2.7	27.6	13.2	4.0	0.0	.	.	.	.	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 653

U.S. AIR FORCE CLIMATE DIVISION
 AFMTC
 AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAN OF AFS AM STATION NAME CAPE ROMAN OF AFS AM YEARS 74-84 MONTH MAY
 CLASS ALL WEATHER
 CONDITION
 HOURS (L.S.T.) 0000-2400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.4	0.5	1.1		0.3					7.1	13.0
NNE	1.4	1.2	5.4	0.5	5.5	2.5						28.9	13.1
NE		0.2	5.5	7.2	2.2	1.1						10.7	11.7
ENE	1.2	1.5	2.2	0.3	1.5	0.3						9.7	11.2
E	1.1	2.2	1.4	0.2	0.3	0.2						5.1	9.3
ESE			1.4	0.5								2.5	7.7
SE		1.1	0.3	0.4								2.2	6.3
SSE		1.2	1.2	1.1	0.5							4.2	8.4
S		0.3	2.2	0.9	0.5							4.6	10.5
SSW		0.3	0.5	0.8								1.8	8.6
SW		0.3										0.6	4.0
WSW		0.3	0.5									0.7	7.2
W		0.3	0.2									0.5	5.2
WNW		0.3	0.2	0.2								0.7	5.4
NW		0.3	0.2									1.1	4.0
NNW		0.3										0.6	4.0
VARBL													
CALM												7.4	
	7.0	14.0	24.1	3.0	17.0	4.0	0.3					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 651

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-12-64 STATION NAME CAPE ROMAN OF ALEXANDRIA 74-64 YEARS MONTH NORTH ALL WEATHER CLASS ALL HOURS (L.S.T.) CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	1.3	2.0	2.3	2.4	.5	.1				1.1	10.3
NNE	.1	1.7	3.1	4.0	5.3	5.4	1.5	.7				25.2	16.0
NE	.1	1.7	1.9	2.2	1.6	.8	.3	.7				9.1	13.3
ENE	.1	.6	.9	1.4	.6	.7	.1					4.5	12.7
E	.1	.4	1.7	1.1	.7	.5	.1					4.4	12.4
ESE	.1	.1	.5	1.3	.6	.4	.7					3.4	12.7
SE	.1	.6	.9	1.2	.9	.7	.5					4.0	13.7
SSE	.1	.6	.9	2.3	1.6	1.3	.5	.3				7.4	16.3
S	.2	1.1	1.7	.2	2.1	2.1	.4	.1				11.6	14.8
SSW	.1	.6	.5	.9	.2	.1						3.0	9.3
SW	.4	.3	.1	.7	.1	.2						1.7	10.3
WSW	.1	.3	.9	.1	.1	.3						.6	5.3
W	.1	.3	.5	.2								1.2	7.2
WNW	.1	.1	.1	.2								.4	6.2
NW	.1	.2	.3	.2	.1							.9	8.9
NNW	.1	.2	.3	.2	.2							1.1	10.2
VARBL													
CALM												1.0	
	5.1	7.4	14.7	21.7	17.6	14.0	3.6	.4				100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 564

U.S. AIR FORCE CLIMATE DIVISION
 WASHINGTON, D.C. 20330
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAN OF AFS AK STATION NAME CAPE ROMAN OF AFS AK YEARS 73-84 MONTH ALL
 CLASS FAIRER HOURS (L.S.T.) 100-240
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	1.1	4.2	2.4	2.5	1.7					13.0	10.0
NNE		1.2	1.1	4.5	7.1	5.4	1.6					20.8	10.0
NE			2.1	2.5	2.5	3.3	1.5					3.7	14.0
ENE		1.0	1.4	1.6	0.8	0.2						4.0	11.0
E			1.0	1.6	1.1	0.2	0.3					1.4	14.0
ESE			1.0	0.6	0.6	0.2	0.2					3.0	12.0
SE		1.1	1.7	1.7	1.0	0.2						4.0	12.0
SSE		1.0		3.4	1.4	1.3	0.6					7.0	15.0
S		1.3	1.0	0.7	0.4	2.3	0.5					0.8	15.0
SSW		1.7		1.1	0.2	0.2						4.1	8.0
SW												0.3	7.0
WSW			0.2	0.2								0.5	8.0
W			0.2	0.2								0.5	7.0
WNW			0.2	0.2								1.0	6.0
NW			0.2		0.2							0.5	8.0
NNW			0.6	0.5	0.2							2.2	9.0
VARBL													
CALM												0.3	
	7.0	11.7	15.4	26.3	17.9	13.5	4.9					100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 107

U.S. NAVAL CLIMATE CENTER
 1100 FTAC
 400 WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 STATION NAME CAPE ROMAN OF AFS AK YEARS 71-74 MONTH NORTH
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	2.4	4.1	4.3	3.3	.1					1.1	16.1
NNE	.1	1.1	2.5	4.5	4.3	4.4	1.1	.1				24.1	17.1
NE	.1	1.1	1.1	2.4	2.1		.1					7.1	12.1
ENE		.1	.1	1.4	.1	.1						1.1	13.1
E		.1	1.1	1.1	.1	.1						4.1	15.1
ESE	.1	.1	.1	1.7	.1	.1						1.1	11.1
SE	.1	.1	1.4	1.4	.1	.1						4.1	12.1
SSE		.1	.1	1.6	1.1	1.4	.1					5.4	17.1
S	1.1	1.1	2.1	4.1	1.1	2.1	.1	.1				12.1	14.1
SSW	1.1	.1	1.1	1.1								4.1	7.1
SW	.1	.1		.1	.1							1.7	9.1
WSW		.1		.1								.1	6.1
W		.1	1.1	.1								1.1	7.1
WNW			.1									.1	7.1
NW	.1	.1	.1	.1								1.4	6.1
NNW	.1	.1	1.1		.1							2.1	8.1
VARBL													
CALM												5.7	
	4.1	4.9	12.1	17.1	17.1	17.1	3.1	.1				129.1	13.1

TOTAL NUMBER OF OBSERVATIONS 67

USAFETAC
 ALL WEATHER SERVICE/ZNAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7-1-2 STATION NAME CAPE ROMAN OF ARMENIA YEARS 73-74 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 1100-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	2.7	4.1	3.8	3.7	.6					10.6	14.1
NNE		1.7	3.0	1.1	7.0	4.3	1.6	.2				23.7	16.1
NE			1.7	2.7	1.0	.2						5.7	11.1
ENE		.5	.7	.6		.2	.7					2.1	12.1
E		.7	1.1	.6	.3							2.7	10.1
ESE		.3	.7	2.2	1.3	.2						4.6	12.1
SE		.3	1.7	1.1	.6							2.7	13.1
SSE		.7	1.7	.7	2.5	.6	.2					6.5	14.1
S	1.7	1.1	1.7	2.9	2.5	3.7	.6	.2				19.2	15.1
SSW	1.7	.5	1.1	1.3								3.8	7.1
SW	.7	.3	.3	.6	.5							2.4	9.1
WSW		.6	.3	.2								1.1	7.1
W		.7	1.3	.5								1.7	9.1
WNW		.3										.5	5.1
NW	.7		.6		.3							1.1	10.1
NNW			.7	.7	.2							.5	12.1
VARBL													
CALM												.7	
		2.4	16.7	24.6	19.7	12.1	3.5	.3				10.6	13.1

TOTAL NUMBER OF OBSERVATIONS 6

JOINT CLIMATE CENTER
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 107 STATION NAME CAPE ROMAN OF AFS AK YEARS 73-84 MONTH APR

ALL WEATHER
CLASS

100-1
HOURS (L.S.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WI SPI
N			1.7	2.2	3.2	2.4	1.1					1.1	1
NNE		1.5	2.7	1.4	4.3	5.2	1.6					21.1	1
NE			2.7	2.4	1.6	5.7	2					2.2	1
ENE			.6	.6	.6	.2	.3					2.6	1
E			1.1	1.7	.5	.4						3.7	1
ESE		.3	.7	1.1	.9	.3						2.7	1
SE		.5	.4	1.4	.3	.3	.2					3.1	1
SSE		.7	1.1	2.4	1.4	1.1	.6					7.5	1
S	1.7	1.7	1.2	3.5	3.2	1.7	.1	.3				14.4	1
SSW		.3	.5	.5	.3							2.5	
SW		.1	.7	1.4								2.7	
WSW		.6	.7		.3	.2						1.6	
W		.5	.5	.5								1.5	
WNW		.7	.7									.3	
NW		.2	.7	.5								1.3	1
NNW	.7		.5									.5	
VARBL													
CALM												10.5	
	7.5	7.9	16.2	26.2	16.3	12.9	4.1	.7				100.0	1

TOTAL NUMBER OF OBSERVATIONS

UNITED STATES AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/AFAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-10 STATION NAME CAPE ROMAN OF AFS AK YEARS 75-84 MONTH 12

CLASS ALL WEATHER

CONDITION

HOURS (L E) 12-1

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	M V SI
N			1.0	4.3	1.4	2.7	.5					10.9	
NNE	1.0	1.4	3.3	5.1	4.1	5.4	2.1	1.0				20.2	
NE		1.8	1.4	4.0	1.8	1.0	.2	.2				11.4	
ENE		.2	.5	1.1	1.9	.3						3.8	
E		.3	1.1	.5	1.3	.2						3.4	
ESE		.5	1.1	1.0	.3	.5						4.4	
SE		.5	.2	.2	.3	.8						4.0	
SSE		.6	1.0	3.2	2.1	1.0	.4	.2				6.5	
S		1.7	1.6	2.3	2.0	.8	.5	.2				11.7	
SSW		.6		1.0	.5							2.7	
SW		.2	.2	.6		.2						1.7	
WSW			.2	.2								.7	
W		.5	.6									1.1	
WNW			.2									.2	
NW		.3										.3	
NNW	.2		.2	.6	.2							1.1	
VARBL													
CALM												10.0	
	5.1	4.1	14.1	25.2	17.3	13.0	4.7	1.4				100.0	

TOTAL NUMBER OF OBSERVATIONS _____

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAVC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAPE ROMAN OF ASD AF YEARS 75-76

CLASS ALL WEATHER

CONDITION _____

MOY 1000
HOURS (L)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	A V S
N	.0	.0	1.2	.0	2.1	1.2	.0	.0				2.2	
NNE	.0	2.4	.0	3.4	2.9	2.0	1.7					27.6	
NE	.0	1.0	1.0	2.4	1.6	.8	.0					9.2	
ENE	.0	1.0	1.4	2.7	1.5	.8	.3					7.6	
E	.0	.0	1.4	1.3	.3	.5	.0					4.4	
ESE	.0	.0	.0	.0	.3	.0						1.4	
SE	.0	.0	.0	1.1	1.9	1.1						5.0	
SSE	.0	.0	.0	2.0	2.4	1.3	.0					5.7	
S	.0	.0	2.4	1.7	2.5	1.7						9.7	
SSW	.0	.0	.0	.0	.5	.0						1.1	
SW	.0	.0	.0	.0	.0	.0						1.1	
WSW		.0	.0	.0	.0							1.0	
W		.0	.0									.0	
WNW	.0			.0								.3	
NW		.0		.0								.0	
NNW				.0	.3							.0	
VARBL													
CALM													
	1.0	10.2	14.1	24.4	12.9	15.4	3.7	.0				100.0	

TOTAL NUMBER OF OBSERVATIONS _____

GENERAL CLIMATOLOGY DIVISION
USAFETAC
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIN

STATION 7-1-5 NAME CAPE COMA, LE AFAC YEARS 7-5 A-1
BOX

CLASS ALL WEATHER 7-7
HOURS (1)

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.1	.1	.1	.2	1.7	2.1						4.3
NNE	.1	2.2	2.7	3.3	5.7	5.9	1.1					23.2
NE	.1	.1	2.1	3.3	1.1	1.4	.2					1.2
ENE	1.1	.3	1.7	1.6	1.2	.4	.2					4.7
E	.1	.1	1.7	1.4	.3	.3						2.2
ESE	.1	.1	.2	1.7		.6						2.7
SE	.1	1.1	.1	1.1	.1	1.2	.1					7.1
SSE	.1	.1	1.4	1.6	2.1	.4	.1	.2				4.7
S	.1	.1	1.1	3.5	2.1	2.4	.3					11.3
SSW	.1	.3	.3	.2	.3							1.1
SW	.1	.2	.2	.6		.1						1.7
WSW	.1	.1		.2								.2
W	.1	.1	.1									1.1
WNW	.1											.1
NW		.1		.3	.2							.6
NNW		.1		.2	.3							.6
VARBL												
CALM												4.1
	1.4	1.7	1.2	10.9	16.5	2.4	.7					1.1

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION NAME LAKE MEAD, OF AFB, AK YEARS 7-1-4

CLASS ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N					1.4	2.1						
NNE	1.1	2.8	2.4		1.6	1.7	1.1					
NE		1.1	2.1	1.1	1.7	1.7						11.4
ENE				1.7	1.1							
E			1.6	1.3	1.7							
ESE				1.1	1.1							
SE					1.1							
SSE			1.7	1.1	1.7							
S		1.1	1.4	1.7	1.7	2.4						
SSW				1.4								
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												
	2.7	0.7	11.2	5.2	1.1	10.1	2.5					

TOTAL NUMBER OF OBSERVATIONS

JOINT CLIMATE CENTER
 WASHINGTON, D.C.
 20330-5000

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION CAPE ROMAN OF ARMENIA STATION NAME CAPE ROMAN OF ARMENIA YEARS 74-75

CLASS ALL AVAILABLE

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.2	.2	.2	.2	.2	.2						11.4
NNE	.2	1.4	4.6	1.2	5.5	5.1	.2	.2				21.2
NE	.2	1.4	7.5	4.5	1.1	.3						13.2
ENE	.2	.2	2.2	1.1	.2							4.2
E	.2	.2	2.7	.6								4.5
ESE	.2	1.2	1.2	.6								4.2
SE	.2	.2	1.4	.6	.2							4.1
SSE	.2	.2	1.2	1.2								3.4
S	.2	1.4	2.2	4.1	1.1	.2						11.4
SSW	.2	1.1	1.2	.3	.3							3.7
SW	.2	1.2	1.2									2.7
WSW	.2	1.2	.2									2.2
W	.2	1.4	1.2									3.2
WNW	.2	.2										1.1
NW		.2	.2									.2
NNW			.2	.2								.2
VARBL												
CALM												4.2
	1.4	10.3	7.7	10.2	10.3	4.3	.5	.2				10.2

TOTAL NUMBER OF OBSERVATIONS 100

✓

LOCAL CLIMATE DATA
STATION
CAPT. ROMAN, OF AFS AK

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-100 STATION NAME CAPT. ROMAN, OF AFS AK YEARS 7-14

CLASS ALL

CONDITION

1440 HOURS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.	.	2.7	7.4	1.5	.5						1.1
NNE	.	1.1	7.4	1.5	4.1	4.3	.7	.7				1.1
NE	.	.7	7.4	1.5	1.0	.5						1.1
ENE	.	.	1.4	.7	.5							2.7
E	.	.6	1.7	1.4								4.2
ESE	.	.	1.4	.5								2.7
SE	.	.	1.4	.5								2.7
SSE	.	.6	.7	.5	.3							1.1
S	1.1	1.1	7.4	7.5	.5	.5						12.7
SSW	.	1.7	1.7	.7								1.1
SW	1.1	.7	1.7	.7								2.7
WSW	.	.	.7									2.7
W	.	1.1	.7									1.1
WNW	.	.7	.7									1.1
NW	.	.	.7									2.7
NNW				.7								2.7
VARBL												
CALM												1.7
	.1	15.1	2.5	1.7	1.1	6.2	.7	.7				1.1

TOTAL NUMBER OF OBSERVATIONS

NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIRCRAFT SERVICE 7-40

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAKE COMA, OF AEG AX STATION NAME LAKE COMA YEARS 7-14 NO. 100
 CLASS ALL WEATHER HOURS 100
 CONDITION ALL WEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N		1.1	2.2	1.4	1.5							1.1
NNE		1.1	2.2	1.4	1.5	2.0						7.6
NE		1.2	4.7	5.8	2.5	1.3						10.5
ENE		1.4	7.8	3.1	1.5	1.3	1.2					15.8
E		1.1	1.7	1.5	1.2	1.2						10.7
ESE		1.1	1.5	1.6								7.6
SE			1.1	1.6								7.6
SSE			1.5	1.8								3.3
S	1.7		2.2	2.9	1.1							10.1
SSW		1.5	1.5	1.3								5.0
SW		1.1	1.5									3.2
WSW		1.1										1.1
W		1.1										1.1
WNW		1.1										1.1
NW		1.1	1.3									2.2
NNW		1.1	1.2	1.2								1.4
VARBL												
CALM												0.0
	1.7	13.1	22.0	24.2	12.6	4.3	1.1					100.0

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE CLIMATE CENTER
 USAFETAC
 AIR WEATHER SERVICE, MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-122 CAPE ROMAN OF AFS AK YEARS 74-74 MONTH ALL
 STATION NAME CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.1	.1	1.7	1.7	1.3	.5	.2	.1				.1
NNE	1.1	1.5	5.1	1.6	5.6	2.4	.3	.1				25.4
NE	.7	1.0	3.0	4.7	1.7	1.0	.1					13.7
ENE	.1	1.0	2.9	2.6	.9	.3	.7					5.3
E	.1	1.4	2.7	1.7	.4	.1						4.1
ESE	.1	1.0	1.5	.7								1.6
SE	.1	.7	1.7	.9	.0							3.1
SSE	.1	.7	1.7	1.7	.1	.1						3.6
S	1.1	1.3	2.6	2.7	.9	.1						.9
SSW	.1	.2	.2	.4	.1							2.2
SW	.1	1.2	.5	.7								1.3
WSW	.1	.7	.7									1.2
W	.1	.7	.5									1.0
WNW	.1	.5	.1	.7								.5
NW	.1	.5	.2									.3
NNW	.1	.5	.7	.1	.7							1.1
VARBL												
CALM												5.4
	.7	15.2	24.6	15.5	11.1	4.5	.7	.1				100.0

TOTAL NUMBER OF OBSERVATIONS

JOINT CLIMATOLOGY BRANCH
USAFETAC
ALL-WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION CAPE ROMAN OF AF, AM STATION NAME CAPE ROMAN OF AF, AM YEARS 73-84 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.) 0000-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	M W SP
N	.2	.2	1.4	1.7		.5						4.0	1
NNE	.2	1.7	4.3	7.9	7.3	.3						17.8	1
NE	.2	1.3	5.2	8.7	.5	.2						18.8	
ENE	.2	1.8	1.2	4.7	.2							7.8	1
E	1.7	.2	.3	.2								2.2	
ESE	1.7	.2	.3	.3								2.2	
SE	.2	.2	.5	.5								1.7	
SSE	1.7	1.3	1.5	1.1	.3							5.6	
S	1.1	2.9	3.7	4.9	1.4	.3						14.2	1
SSW	1.7	1.4	2.2	2.7	2.1	.5						12.8	1
SW	.2		1.1	.6								2.5	
WSW		.2	.3	1.7								1.9	1
W	.2	.3	.2									1.0	
WNW	.2	.3	.2									.8	
NW	.2	.3										1.1	
NNW	.2	.2										.3	
VARBL													
CALM												4.5	
	17.2	15.2	24.9	30.7	7.8	2.2						100.0	

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-127 CAPT TOMAS OF AFS AM 74-64 YEARS 1954 MONTH JUN

STATION NAME ALL WEATHER CLASS ALL WEATHER HOURS (L.S.T.) 2400-01

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME/ WIND SPE
N	.2	1.1	.2	1.4	1.1	.3						4.3	1
NNE	1.1	2.1	6.2	5.9	2.5	.5						18.2	1
NE	1.1	1.6	5.6	3.3	.2							11.2	
ENE	.1	1.1	2.1	4.2	.3							8.3	
E	2.1	2.1	.2	.5								5.4	
ESE	.2	1.7	.2	.2								2.5	
SE	.1	.2	.6	1.2								2.7	
SSE		1.1	1.6	1.2	.3	.5						4.1	1
S	.2	1.7	4.2	3.5	1.4	.6						12.9	1
SSW	.2	1.1	1.6	3.5	2.2	.2						8.0	1
SW	.1	.3	1.7	1.2	.2							4.3	
WSW	.2	.1	.2	.5	.2							1.9	
W		.2	.5	.3								1.1	
WNW		.2	.2									.5	
NW		.2										.2	
NNW	.3	.2	.2									1.0	
VARBL													
CALM												17.5	
	2.4	16.3	27.6	25.0	2.3	2.1						100.0	

TOTAL NUMBER OF OBSERVATIONS 1000

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 12 STATION NAME CAPE ROMAY OF APL AK YEARS 73-74 MONTH JUL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEED
N			1.1	1.1	1.1	.5						4.0	1
NNE	1.1	3.0	4.7	5.4	3.2	.5						17.1	11
NE	1.1	2.4	2.7	3.5	.9							10.2	5
ENE	1.1	2.4	3.7	1.4								5.1	7
E	.5	1.7	1.6	.6	.2							4.0	7
ESE	.5	1.7	1.7									2.5	5
SE	.5	.6	1.6	.3	.3							3.3	9
SSE	.5	1.6	.6	.5	.2	.3						3.6	5
S	1.7	2.5	2.2	2.7	1.3	1.7						12.7	11
SSW	.5	1.9	2.9	2.9	1.6							10.3	10
SW	.5	2.1	2.4	1.7	.3							7.0	5
WSW	.5	1.1	1.7	.3								2.4	7
W	.5	.2	.2									.6	4
WNW		.2	.2									.3	7
NW	.5		.2									.5	5
NNW	.5	.5		.7	.2							1.1	5
VARBL													
CALM												10.0	
	7.7	21.4	24.0	21.6	8.9	3.0						100.0	

TOTAL NUMBER OF OBSERVATIONS 1

U.S. AIR FORCE CLIMATE DIVISION
 AFM 7-10.1
 AIR WEATHER SERVICE/AFM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION CAPE ROMAN OF ARM AK YEARS 7-64 NORTH 6-11
 STATION NAME CLASS ALL FAIRER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	1.2	2.4	.5	.2						6.8	12
NNE	1.2	1.4	3.2	6.0	2.2	1.1						18.7	12
NE	.2	1.2	2.7	4.1	.3							7.2	9
ENE	.2	1.1	.4	1.2								3.2	7
E	.2	2.1	1.3	.5								4.1	6
ESE	.2	2.1	.3									2.7	4
SE		1.2	1.2	1.2								4.1	5
SSE	.2	1.4	.4	1.3								3.6	6
S	1.2	2.4	2.2	3.2	1.1	1.3	.7					13.1	11
SSW	1.1	3.2	3.3	4.6	2.4	.5						14.2	10
SW	1.2	1.9	3.5	1.3	.2							6.4	7
WSW	.2	2.2	1.1	.5								4.0	5
W	.2	1.1	.3									1.2	4
WNW	.2	.2	.3									.2	5
NW	.2	.2										.2	2
NNW		.2	.2	.2								.2	6
VARBL													
CALM												3.4	
	2.7	22.3	14.3	21.1	4.3	3.7	.3					15.0	4

TOTAL NUMBER OF OBSERVATIONS 6

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAN OF AK STATION NAME CAPE ROMAN OF AK YEARS 74-84 MONTH JUN
CLASS ALL WEATHER 1900-1900
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.9	3.5	.0	.0						7.3	14.0
NNE		.0	1.7	6.5	2.4	1.3						10.4	14.0
NE	.3	.0	1.2	1.0								4.9	7.0
ENE	.0	1.3	.6	1.0								3.2	7.0
E	.0	1.2	.0									1.2	5.0
ESE	.0	1.0	.0	.0								1.0	5.7
SE	.0	.0	1.6	1.0								3.3	6.0
SSE	.0	.0	.0	1.3	.0							3.2	9.3
S	.0	3.4	3.2	4.4	1.6	1.0	.0					13.0	12.3
SSW	.0	0.1	4.3	5.0	1.4	1.0						10.4	10.4
SW	0.4	4.0	3.2	0.4								10.1	6.0
WSW	.0	1.0	1.7	.0								4.4	6.3
W	.0	1.1	1.1									2.7	5.0
WNW	.0	.0										.0	4.0
NW	.0	.0	.0									1.0	5.0
NNW	.0	.0	.0	.0								1.0	0.0
VARBL													
CALM													
	0.0	22.4	7.7	31.7	6.3	3.0	.5					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 670

U.S. NATIONAL CLIMATOLOGY SERVICE
 USAFETAC
 AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1 CAPE ROMANA, CA, AFS, AK STATION NAME 74-84 YEARS 1950-1970
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	.1	.2	3.0	2.2	.5	.3						6.8	11.0
NNE	.1	.5	2.5	1.3	4.4	.5						10.0	14.0
NE	.1	.2	.5	.2		.2						2.2	7.0
ENE		.1	.2	.2								1.0	7.0
E	.1	1.6	.3									2.1	9.0
ESE	.1	.1	.2									1.1	9.0
SE	.1	1.1	1.4	.2								2.8	10.0
SSE	.1	1.6	1.1	1.4	.2	.2						4.4	9.0
S	.1	2.1	3.0	4.1	2.4	1.3	.5					17.7	13.0
SSW	1.1	4.3	4.9	4.4	1.3	1.1						17.8	11.0
SW	1.3	4.3	4.0	2.2	.2							11.8	7.0
WSW	.1	2.3	1.3	.2								3.8	10.0
W	.1	3.0	.1									4.4	9.0
WNW	.1	.2	.5									1.1	9.0
NW	.1	.1	.5	.2	.2							1.1	9.0
NNW	.1	.3	.2	.6	.3							1.7	11.0
VARBL													
CALM												1.1	
	6.1	4.0	24.0	20.1	12.0	3.1	.5					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 113

CLIMATE CLIMATOLOGY - WIND
 W. F. TAC
 AIR WEATHER SERVICE - MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: CAPP, VINTAGE AFB, ARK. YEARS: 70-74 MONTH: JUL
 CLASS: ALL WEATHER HOURS (L.S.T.): 1400-2000
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	2.4	4.1	4.9	.2						1.2	11.0
NNE	.	1.1	4.4	10.1	4.9	.5						23.3	13.3
NE	.	.	1.4	1.1	.2							1.2	2.7
ENE	.	1.1	.7	.7								1.7	0.2
E	.	.	.3									1.1	0.2
ESE	.	.	.7	.2								1.7	7.5
SE	.	.	.5	.4								1.1	0.1
SSE	.	1.0	1.7	.4	.5							1.5	4.2
S	.	1.0	3.7	7.7	2.5	1.1	.5					13.3	10.3
SSW	1.7	2.7	3.4	2.4	1.4	.5	.2					12.2	4.7
SW	1.7	5.6	7.7	1.4	.5	.3						12.2	7.1
WSW	1.1	2.7	1.7	.2								4.0	3.3
W	.2	1.5	.3									1.2	4.7
WNW	.2	.4	.7									1.3	5.4
NW	.2	.5	.5									1.2	5.3
NNW	.2	.5	.4	.4								1.7	4.3
VARBL													
CALM												3.1	
	2.1	21.5	27.7	27.8	10.6	2.7	.8					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 130

CLIMATE DIVISION
 WASHINGTON, D.C.
 AIR FORCE SERVICE CENTER

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1 STATION NAME APL BUNNY OF AF, AP YEARS 1964 MONTH 10
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-2000
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.2	2.5	.2	.3						.00	1.24
NNE	.0	.0	4.0	17.1	3.5	.5						.01	12.4
NE	1.1	1.0	4.0	.9	.6							.11	4.0
ENE	.0	.0	1.4	1.4								.00	8.0
E	.0	.0	.7	.3								.00	7.7
ESE	.0	.0	.3	.2	.2							.00	6.6
SE	.0	1.1	.5	.5								.00	6.6
SSE	.0	.0	1.4	1.2	.3							.00	9.7
S	1.0	1.7	4.7	4.3	2.2	1.2	.2					.10	11.2
SSW	.0	2.2	3.0	.6	2.2	.2						.04	15.2
SW	.0	2.0	.0	1.1	.3							.01	7.8
WSW	.0	1.7	.2	.5	.3							.07	6.0
W	.0	1.0	.0									.07	4.5
WNW		.0										.00	2.0
NW		.0										.00	2.0
NNW	.0	.0	.0	.5								.00	7.7
VARBL												.00	
CALM												.00	
	7.0	10.0	24.4	26.9	13.5	2.2	.2					10.00	8.0

TOTAL NUMBER OF OBSERVATIONS 53

U.S. AIR FORCE CLIMATE BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1. CAPE ROMAN OF AFS AK STATION NAME 75-84 YEARS 10
 CLASS ALL WEATHER MONTH ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.0	.7	.7	.4						.4	1.1
NNE	.7	1.0	.7	.7	1.5	.7						1.7	1.6
NE	.7	1.0	3.0	3.7	.7	.7						.5	5.2
ENE	.7	1.0	1.7	1.5	.1							4.0	8.3
E	.7	1.0	.7	.3	.7							.3	6.2
ESE	.7	1.0	.7	.1	.7							.3	6.3
SE	.7	.7	1.0	.7	.1							.9	7.3
SSE	.7	1.0	1.0	1.7	.2	.1						4.1	4.1
S	1.0	2.0	3.4	4.7	1.7	1.0	.7					13.5	12.3
SSW	1.0	2.0	7.4	7.4	1.5	.5	.7					12.5	10.6
SW	1.0	2.0	2.0	1.5	.2	.7						.1	7.2
WSW	.7	1.0	1.0	.4	.1							.4	6.7
W	.7	1.0	.7	.7								.2	5.1
WNW	.1	.7	.7									.7	5.3
NW	.7	.7	.7	.7	.7							.7	5.5
NNW	.7	.7	.7	.7	.1							1.2	5.4
VARBL													
CALM												7.1	
	.4	.7	24.7	27.2	1.8	2.2	.3					10.0	9.4

TOTAL NUMBER OF OBSERVATIONS 642

U.S. AIR FORCE
 WEATHER SERVICE
 METAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-3 STATION NAME 74-54 YEARS MONTH 01-01-01-01
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				1.4	.2							1.4	1.4
NNE		1.3	2.7	.7	.5							12.4	1.1
NE		1.7	2.7	1.5	.5							7.7	5.5
ENE		1.4	2.0	1.4								4.3	7.0
E		2.5	1.4	.2								4.0	5.0
ESE		.7	.7	.7								1.0	5.0
SE		1.4	.5									2.0	5.0
SSE		.5	.7	.4	.2							2.0	7.0
S	1.0	2.5	4.1	3.5	1.2	.2						13.1	5.7
SSW		2.7	5.7	4.0	1.2							13.4	4.0
SW		1.7	2.0	1.1	.2							5.7	6.0
WSW		.7	.5	.7								1.0	6.4
W		1.7	.7									2.3	4.0
WNW		.7	.7	.2								1.1	6.7
NW		.7										.7	4.0
NNW		.7	.2									.7	5.0
VARBL													
CALM												14.0	
		25.5	23.6	22.6	4.0	.2						12.0	7.0

TOTAL NUMBER OF OBSERVATIONS 501

AD A159 611 CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
UNCLASSIFIED USAFETAC/DS-85/023 F/G 4/2

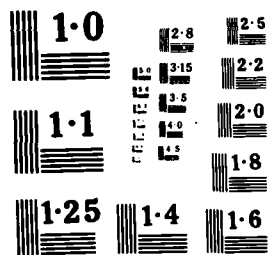
CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
USAFETAC/DS-85/023 F/G 4/2

25

UNCLASSIFIED

F/G 4/2

NI



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 STATION NAME CAMP ROMANCOH AFB AK YEARS 75-84 MONTH JUL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.2	1.2	.2							2.8	10.7
NNE	1.1	2.3	4.6	6.8	.5							13.4	10.3
NE	2.3	2.3	3.7	4.1	.5	.2						13.5	8.7
ENE	.2	.9	1.4	1.2	.6							4.9	6.9
E	.2	1.1	.5									2.2	5.1
ESE	.2	.2	.3									1.4	5.1
SE	.2	.9		.2								1.4	4.7
SSE	.2	1.1	.4	.5								2.8	7.7
S	1.1	4.1	4.3	2.9	1.4							14.4	6.7
SSW	1.1	3.7	3.7	5.5	1.1							15.8	7.4
SW	.2	2.3	2.6	1.5								7.4	7.6
WSW	.2	.9		.3								1.4	6.6
W	.2	1.2	.5									2.8	4.7
WNW		.2	.2									.3	6.5
NW	.2											.3	6.5
NNW	.2	.2		.3								.3	7.3
VARBL													
CALM												13.7	
	11.2	23.1	23.7	24.6	4.3	.2						113.8	7.5

TOTAL NUMBER OF OBSERVATIONS 651

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10120 STATION NAME CAPE ROMANOF AFS AK YEARS 73-74 MONTH JUL
CLASS ALL WEATHER
CONDITION 0000-0600
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	1.5	.8								3.5	6.4
NNE	.2	2.2	2.5	5.3	1.1	.2						12.4	11.4
NE	.2	2.0	2.2	2.2								7.1	6.8
ENE	.2	2.3	1.7	.9								5.4	6.9
E	.2	2.5	1.1	.2								4.3	5.5
ESE	.2	.6	.2	.3								1.0	6.4
SE	.2	.5	.5	.2								1.7	5.7
SSE	.2	.5	.5	.9	.3							2.8	9.0
S	.2	4.3	5.1	3.4	.9	.2						16.4	8.4
SSW	1.1	3.5	4.5	5.1	1.2							15.7	9.5
SW	.2	3.2	2.3	1.5								7.5	7.7
WSW	.2	.3	.5	.3								2.2	6.3
W	.2	1.1	.5	.3								2.3	6.1
WNW	.2	.2	.2									.6	4.3
NW	.2	.5										.6	3.8
NNW	.2		.2									.3	5.0
VARBL													
CALM												15.2	
	7.4	24.9	24.5	22.3	7.4	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 651

CLIMATE DIVISION
USAFETAC
AFW WEATHER SERVICE/WHAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

70-120
STATION

CAPE ROMANOF AFS AK
STATION NAME

75-94
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-1159
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.6	1.4	2.0	.2							4.5	9.8
NNE		1.1	4.0	6.8	1.4	.5						13.7	12.1
NE	.7	1.4	1.4	1.8	.2							5.7	8.9
ENE	.7	.9	.5	.5	.2							2.3	7.2
E	.3	.9	.9									2.2	5.3
ESE	.7	.5	.5									1.1	5.7
SE	.7	.5	.7	.3								1.7	6.5
SSE	.7	.7	1.1	.9								3.0	6.1
S	1.7	4.1	4.1	4.5	.9	.2						15.4	9.1
SSW	2.7	3.3	7.2	6.6	1.2	.5						22.3	9.2
SW	1.7	4.2	7.3	1.4		.3						12.4	7.4
WSW	.7	1.1	1.5	.6								3.7	6.3
W	.7	1.5	.6	.3								3.1	5.3
WNW	.3	.5										.1	2.8
NW	.3	.5	.7									1.4	4.7
NNW	.7	.5										.5	4.5
VARBL													
CALM												.1	
	11.2	24.5	26.1	25.7	4.0	1.4						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

651

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-100 STATION CAPE ROMAN OF AFS AW 76-84 YEARS JUL MONTH
 ALL WEATHER CLASS 1000-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.1	2.1	2.2	.9							7.8	10.7
NNE	.	1.7	2.7	1.5	.9	.3						10.4	11.4
NE	.	.	.7	.2	.2	.2						5.7	11.1
ENE		.	.7									.4	7.3
E	.	.	.7									1.2	4.4
ESE		.	.7									.7	5.6
SE	.	.	.7									1.1	6.0
SSE	.	.7	2.3	1.7	.7							3.2	8.9
S	1.1	2.7	2.7	1.1	.4	.2						14.7	9.1
SSW	1.3	3.4	3.4	1.2	1.3	.5						22.1	10.4
SW	1.7	4.6	2.4	1.6								10.3	6.5
WSW	1.2	2.6	2.9	.8								5.5	6.3
W	.	.7	1.1	.5								5.5	5.5
WNW	.	.	.7									1.2	5.4
NW	.	.	.5									1.7	6.4
NNW		.7										.3	4.0
VARBL													
CALM												1.0	
	1.7	16.1	19.2	22.6	5.2	1.2						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 120 STATION NAME CAPE ROMANOV AFS AK YEARS 73-84 MONTH JUL
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 1800-1700

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	3.5	5.7	1.2	.2						10.1	11.1
NNE		.5	7.2	4.2	1.7	.2						1.4	12.2
NE	.1	.5	1.1	2.0	.9	.5						1.1	13.0
ENE	.1	.5	.5									1.1	5.3
E	.1	.5	.2									.4	5.2
ESE		.2	.2									.4	6.0
SE		.2	.5									.4	7.2
SSE	.2	.2	.6		.3							1.2	10.1
S	1.4	3.1	4.1	5.2	.2	.5						15.1	9.9
SSW	1.1	2.9	7.2	8.4	1.8	.3						22.3	10.0
SW	.2	5.4	4.3	1.8								14.1	6.0
WSW	.5	2.9	3.5	.2								6.7	6.2
W	1.2	2.4	1.7									5.5	5.1
WNW	.1	1.4	.5		.2							1.2	6.7
NW			.5									.5	6.3
NNW		.2	.5									1.1	7.3
VARBL													
CALM												0.0	
	7.8	27.3	32.3	20.1	6.0	1.5						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 651

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10120 STATION NAME CAPE ROMANOV AFS AK YEARS 73-84 MONTH JUL
CLASS ALL WEATHER
CONDITION 100-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	3.4	2.9	1.5							11.2	11.2
NNE	.5	.2	3.9	6.4	2.0	.2						12.4	12.4
NE		.2	1.4	1.5	.9							4.1	12.4
ENE		.4	.2	.2								.7	7.0
E		.2	.2									.4	5.7
ESE		.2	.2									.6	5.3
SE			.2			.2						.2	15.0
SSE			.2	.2								.6	10.3
S	.2	3.5	5.7	4.3	.2	.3						14.7	9.4
SSW	1.4	4.1	6.9	6.9	1.9							31.2	10.0
SW	1.2	5.5	4.8	.9								12.1	8.5
WSW	1.2	3.1	2.9	.3								7.4	8.9
W	1.2	3.5	.9									5.5	4.9
WNW	.4	.4	.2									1.4	4.3
NW	.3	.3	.6									1.7	5.5
NNW	.2	.5	.2									1.1	5.3
VARBL													
CALM													
	7.5	25.5	31.5	20.5	6.5	.5						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 651

U.S. AIR FORCE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/ANAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1201 STATION NAME CAPE ROMAN OF AFS AK YEARS 73-74 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 0100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.7	1.2	1.2							1.4	11.4
NNE	.1	2.5	4.9	7.6	2.2							17.4	11.4
NE	.1	2.5	2.7	4.9	1.9							10.1	11.3
ENE	.1	.6	.9	.7								2.2	6.3
E	.1	.3	.7									.9	5.2
ESE	.1	.2	.2									.2	4.6
SE	.1	.3	.3									.6	5.3
SSE	.1	.3	1.1	.2	.2							1.8	7.9
S	1.7	4.5	5.7	7.7	.9							11.1	8.6
SSW	1.7	4.5	5.9	3.2	1.5							10.3	7.1
SW	1.7	2.1	5.4	.9	.2							10.4	7.1
WSW	.1	2.5	.6									4.1	4.4
W	1.1	1.4			.2							2.1	4.5
WNW	.1	.2										.3	3.3
NW	.1	1.1		.2								1.7	5.0
NNW	.1	.6		.2								.8	5.3
VARBL													
CALM													
	2.4	24.7	23.2	21.7	5.1							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 651

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 JUL 1974 STATION CAPE ROMANOV AFS AK 74-64 YEARS MONTH JUL
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	1.4	.7	.7	.7						5.7	12.7
NNE	.4	1.7	7.7	1.7	1.3	.2						13.1	11.4
NE	.4	1.4	1.7	2.6	.6	.1						7.4	10.0
ENE	.4	.7	1.7	.5	.1							2.7	7.3
E	.4	1.2	.7	.6								2.2	5.4
ESE	.4	.5	.7	.1								1.1	5.6
SE	.4	.5	.7	.1		.1						1.2	6.2
SSE	.4	.5	.6	.6	.1							2.3	6.3
S	1.4	4.1	4.6	4.7	.6	.2						13.2	9.3
SSW	1.4	3.7	5.6	5.9	1.5	.2						14.3	9.3
SW	1.7	3.4	3.5	1.4	.7	.1						10.1	7.3
WSW	.7	1.7	1.6	.3								4.3	6.1
W	.7	2.2	.7	.1	.1							3.7	5.2
WNW	.7	.5	.7	.7	.7							1.6	5.5
NW	.7	.4	.7	.7								1.3	5.3
NNW	.1	.3	.2	.1								.7	5.9
VARBL													
CALM												5.4	
	.2	24.6	7.7	24.4	5.3	.7						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 5276

U.S. AIR FORCE CLIMATE SERVICE
 WAFETAC
 WAFETAC SERVICE, MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 STATION NAME CAPE OMAN OF AFO AK YEARS 77-84 MONTH 24
 CLASS ALL WEATHER
 CONDITION 000-220
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.5	4.7	1.7	.2	.3	.1					11.7	9.4
NNE	.1	2.7	5.7	4.3	2.0	.3						11.4	11.4
NE	1.1	1.7	3.4	.3	.4	.1						2.2	9.4
ENE	1.2	1.2	1.2	.8								5.1	6.9
E	.1	.4	.7									1.4	2.2
ESE	.1	.1	.1	.1								1.2	2.2
SE	.1	.1	1.1	1.2								3.2	4.5
SSE	.1	.1	.1	1.3	.7							3.2	11.1
S	.1	1.2	5.7	3.2	1.2	.3						11.2	11.2
SSW	.1	1.5	4.3	1.9								6.6	6.6
SW	.1	1.2	1.2	1.2	.4	.4						6.1	10.1
WSW	.1	.7	.2	.5								6.2	7.7
W	.1	.1	.4	.4								1.7	6.5
WNW	.1	.4	.1									.7	4.3
NW	.1	.1	.1		.1							.5	4.3
NNW	.1	.1	.2	.2								1.3	6.5
VARBL													
CALM												17.5	
	1.1	1.5	2.2	1.6	5.6	1.3	.1					17.5	7.4

TOTAL NUMBER OF OBSERVATIONS 744

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 STATION NAME CAPE ROMAN OF AFS AK YEARS 77-84 MONTH 10
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	3.2	1.3	.2	.2	.1					7.3	9.0
NNE	1.1	3.3	5.5	3.9	.8	.3						14.3	9.4
NE	1.2	2.4	7.5	3.2	.7	.1						11.5	8.0
ENE	.	1.6	.2	.4								3.4	5.7
E	.	1.1	.2	.2								3.0	6.0
ESE	.1	.4	.1	.4								1.1	7.3
SE	.2	1.2	.2	1.2								4.2	6.0
SSE	.	1.1	1.7	.8								4.2	7.7
S	.	2.2	3.1	4.5	1.5	.3						12.0	11.0
SSW	.	.5	3.6	1.6								5.0	8.9
SW	.2	.2	1.2	.3	.5		.4					4.4	11.4
WSW	.	1.1	.7	.4								3.4	6.4
W	.	1.2	1.1	.1								3.2	6.0
WNW		.4	.1									.3	6.0
NW	.1	.7	.1									1.2	4.4
NNW	.	.1	.4	.1	.3							1.2	10.2
VARBL													
CALM												10.0	
	1.0	20.3	23.4	10.7	4.2	.9	.5					10.0	7.0

TOTAL NUMBER OF OBSERVATIONS 744

U. S. AIR FORCE CLIMATE CENTER
 AFMTC
 AIR WEATHER SERVICE/AFMTC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7-12-77 STATION CAPT. J. M. J. AFMTC 77-44 YEARS MONTH 3-77
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	4.0	4.0	4.0	4.0						1.0	1.0
NNE		1.0	4.0	4.0	4.0	4.0						1.0	1.0
NE		1.0	1.0	1.0	1.0	1.0						1.0	1.0
ENE		1.0	1.0	1.0	1.0	1.0						1.0	1.0
E		1.0	1.0	1.0	1.0	1.0						1.0	1.0
ESE		1.0	1.0	1.0	1.0	1.0						1.0	1.0
SE		1.0	1.0	1.0	1.0	1.0						1.0	1.0
SSE		1.0	1.0	1.0	1.0	1.0						1.0	1.0
S	1.0	1.0	1.0	1.0	1.0	1.0	1.0					1.0	1.0
SSW	1.0	1.0	1.0	1.0	1.0	1.0						1.0	1.0
SW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	1.0
WSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			1.0	1.0
W	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		1.0	1.0
WNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
VARBL													
CALM												1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 144

U.S. AIR FORCE
CLIMATE DIVISION
WIND DATA SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: 77-24 YEARS: 1950-1951 MONTH: 11

CLASS: ALL WEATHER

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	3.0	0.4	1.1	0.1	0.7					1.2	12.7
NNE		1.0	2.0	0.4	0.9	0.1						14.0	11.1
NE		1.0	2.0	0.4	0.9							14.0	9.8
ENE		0.1	0.1	0.1								1.1	6.0
E			0.4	0.1								0.7	6.0
ESE		0.4	0.1	0.3	0.1	0.7						1.7	11.1
SE		0.1	1.7	1.7								0.1	8.7
SSE		1.7	0.1	0.4	0.1							0.1	11.4
S	1.1	3.0	4.0	1.6	1.2	0.7						14.1	6.0
SSW	0.1	2.7	1.1	1.4	0.4	0.1						11.1	6.1
SW	1.0	1.7	1.1	0.4	0.1	0.7	0.1					6.4	7.4
WSW		0.7	0.1									0.1	6.7
W		0.1	1.7	0.1								0.1	6.0
WNW												1.0	3.0
NW			0.7									0.7	6.0
NNW			0.4	0.1	0.1	0.3						1.4	13.4
VARBL													
CALM												11.0	
	0.1	1.0	2.0	0.7	0.9	1.0	0.4					1.2	6.2

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATE DIVISION
 AFM 7-10.1
 WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: CAPE ROMAN OF AFRICA YEARS: 77-78 MONTH: ALL HOURS (L.S.T.): ALL

CLASS: ALL WEATHER

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	7.0	4.0	1.7	.7	.1	.1				10.7	12.8
NNE	.0	.0	4.0	7.0	4.0	7.4	.0	.0	.1			7.1	15.8
NE	.0	1.1	3.7	1.8	.5	.1						4.4	9.3
ENE	.0	1.0	1.7	.0	.1	.0						2.7	8.0
E	.0	.0	.0	.3	.1	.0						0.2	7.0
ESE	.0	.0	.0	.0	.0	.0						1.0	8.0
SE	.0	.0	.0	.0	.3	.2	.0					3.0	10.8
SSE	.0	.0	1.0	1.0	.0	.4	.2					5.0	12.0
S	.0	1.3	1.0	1.0	1.2	.0	.1	.0	.0	.0	.0	4.4	12.0
SSW	.0	.0	1.0	1.0	.3	.1	.0			.0		3.1	9.9
SW	.0	1.0	1.0	1.0	.7	.2						4.7	9.0
WSW	.0	.7	.0	.0	.3	.1						3.0	9.0
W	.0	.0	.0	.0	.1							1.0	7.7
WNW	.0	.0	.0	.3	.1	.1	.0					1.7	9.1
NW	.0	.0	.0	.0	.3	.4	.0					2.0	12.1
NNW	.0	.0	.0	.3	.0	.1	.0					1.1	9.3
VARBL													
CALM													
	.0	10.0	20.0	20.0	11.0	7.0	1.0	.7	.1	.1	.0	10.0	11.1

TOTAL NUMBER OF OBSERVATIONS 174

JOINT CLIMATE CENTER
AFMTC
AIR WEATHER SERVICE (AWC)

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 77-84 STATION NAME CAPT TOMAN OF AFMTC YEARS 1964 MONTH 10-20
CLASS ALL WEATHER HOURS (L & T) 100-200
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	4.3	5.2	1.1	1.1						11.7	11.7
NNE	.1	2.4	5.3	3.3	4.3	4.3	1.1	.4	.1			20.1	15.4
NE	.1	2.4	5.3	1.3	.6							11.1	7.1
ENE	.1	1.1	1.1	.6								3.2	7.1
E	.1	.1	.7	.7	.1							2.2	6.7
ESE	.1	1.1	.7	.1								1.1	4.7
SE	.1	1.7	.7	.6	.6	.3	.1					4.4	10.7
SSE	.1	1.7	.7	.6	.7	.4	.4					4.7	10.3
S	.1	1.1	1.7	3.3	1.1	.4						7.6	12.3
SSW	.1	1.1	.7	1.7	.3	.4	.1					4.1	10.3
SW	.1	.7	1.7	1.1								3.1	6.3
WSW	.7	.7	.7	1.7	.3							2.7	7.3
W		.7	1.4									2.2	7.3
WNW	.1	.7	.4	.1	.1							1.2	7.3
NW		.7	.6	.7	.6	.7						3.1	10.3
NNW	.1	1.4	.7	.3	.1	.1						2.1	7.7
VARBL													
CALM													
	11.7	17.2	23.4	26.5	2.4	7.3	1.1	.4	.1			11.1	11.7

TOTAL NUMBER OF OBSERVATIONS 100

GENERAL CLIMATOLOGY - HANDBOOK
 USAFETAC
 AIR WEATHER SERVICE/MAAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 120 CAPE ROMAN OF AFS AK STATION NAME 77-84 YEARS MONTH 7-80 HOURS (LST) 1

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	2.4	4.1	2.2	.8	.1	.1				14.2	12.7
NNE	.	2.2	4.3	11.4	5.8	4.8	1.6	.6				24.6	15.7
NE	.	1.2	1.7	1.2	.7	.1						.	10.3
ENE	.1		1.	.6	.1							1.	4.7
E		.4	.1	.1	.3							.7	12.2
ESE		.	.3	.6								1.1	4.8
SE	.4	1.3	1.7	.1	.3	.3						4.1	9.3
SSE	.1	.7	1.7	1.2	1.5	.6						5.2	13.1
S	.6	1.3	1.7	3.2	1.2	.6	.3			.1	.1	4.9	13.8
SSW	1.7	1.3	2.7	1.5						.1		7.7	9.1
SW	.	1.4	2.1	1.2	.1							6.0	8.4
WSW	.4	1.3	.7	.8	.1							3.1	8.8
W	.1	1.1	.4	.1								1.7	6.8
WNW	.7	.4	1.7	.4								2.1	7.7
NW	.1	.4	.1	.6	.4	.5						2.9	13.1
NNW	.7	.6	.2	.7		.3	.1					3.	10.7
VARBL													
CALM													
	7.4	15.6	21.2	30.1	12.1	7.2	2.1	.7		.2	.1	100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMA, OF AFS AM YEARS 77-78 MONTH 1977-1978
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	4.8	5.5	2.6	1.1	.1	.3				10.2	13.4
NNE	.1	1.7	4.9	7.9	5.1	2.1	1.4	.4				20.4	15.8
NE	.1	1.1	1.4	.1	.7	.1						5.7	11.6
ENE	.1	.1	.1	.4	.2	.1						1.7	4.4
E		.1	.4	.4		.1						1.2	11.4
ESE	.1	.7	.6	.1	.1							1.4	8.4
SE	.1	.3	.1	.6	.7							1.1	10.7
SSE	.1	.4	1.4	1.2	.7	.4						4.3	12.7
S	.1	1.7	2.7	4.3	.7	1.5		.1	.1	.1		11.4	12.5
SSW	.1	1.1	2.1	1.4	.1	.1						6.1	8.7
SW	.1	1.7	1.7	.5	.4	.1						5.7	10.1
WSW	.1	1.1	1.7	.7	.1							3.8	7.6
W	.1	.1	.1	.6	.1							4.1	7.1
WNW	.1	.7	.7	.7	.4							2.2	4.3
NW	.1	.4	.7	.7	.6	.5						2.4	12.2
NNW	.1	.3	1.7	.1								1.1	6.2
VARBL													
CALM												1.3	
	4.1	14.1	25.7	20.4	17.3	5.5	1.5	.2	.1	.1		100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 172

JET CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100 STATION NAME CAPE ROMAN OF AFS AK YEARS 77-84 MONTH ALL
 CLASS ALL WEATHER
 CONDITION 100-140
 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	4.7	.3	1.9	.6	.4					12.1	12.7
NNE	.1	1.7	5.7	2.2	4.0	2.7	1.1	.1				24.7	15.2
NE	.1	.4	2.1	2.9	.4	.3						7.2	11.4
ENE	.1	.4	.7	.4	.1							1.1	9.5
E	.1	1.1	.3	.3	.4							2.4	6.4
ESE	.1	.3	.5									1.2	5.6
SE	.1	.4	1.6	.6	.4	.1						4.3	10.7
SSE	.1	1.1	1.1	1.1	.6		.1					4.3	10.7
S	1.1	2.4	2.2	3.3	2.1	.1	.7					12.1	12.1
SSW	1.1	1.7	2.5	1.9	.3	.1						7.2	8.3
SW	.1	1.7	1.4	2.7								5.1	9.5
WSW	.1	.1	.4	1.1	.4							2.2	11.2
W	.1	1.1	.7	.6								2.2	7.8
WNW		.7	.7	.1	.1	.1						1.1	9.1
NW	.1	.7	1.4	.6	.3	.4						1.1	11.2
NNW		.7	.1	.6	.1	.3						.1	12.3
VARBL												.7	
CALM													
	.1	14.2	26.7	7.9	11.2	5.7	1.5	.1				12.1	11.2

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100 STATION NAME CAPE ROMANOV AFS AK YEARS 77-84 MONTH SEP
CLASS ALL WEATHER
CONDITION 8.0-11.0
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	3.7	5.7	1.5		.1					1.2	11.4
NNE	.2	1.7	4.2	5.5	5.3	2.5	.5	.0	.3			23.1	15.4
NE	.1	1.1	3.3	5.4	.7	.4						11.7	9.5
ENE	.2	1.2	1.2	1.1								3.9	8.6
E		1.0	.7	.3								2.1	6.7
ESE	.2	.2	.4									2.1	4.7
SE		1.0	.7	.4	.3	.3						2.3	7.7
SSE	.2	.2	1.5	1.5	1.5	.7	.1					2.1	12.7
S	.2	1.4	2.7	3.3	1.7	.4	.1					6.6	11.6
SSW	.2	.2	1.1	1.5	.1							3.2	9.5
SW	.2	1.4	1.2	.7	.1							3.7	6.2
WSW	.2	.2	1.2	.7	.3	.3						3.4	10.4
W	.2	1.0	1.7	.4								2.1	7.0
WNW	.1	.4	.5	.1	.3	.1						1.7	10.3
NW	.1	.2	.5	.5		.4						2.2	11.1
NNW		.2	.7	.1		.4						1.0	11.5
VARBL													
CALM												5.0	
	1.2	17.4	25.0	21.3	11.2	5.4	1.2	.6	.3			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 72

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 123 STATION CAPE ROMANOF AFS AK 77-84 YEARS MONTH 12
ALL WEATHER CLASS 1950-1959 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	3.1	2.0	1.2	1.1						1.2	11.2
NNE	1.2	2.0	5.1	7.1	6.4	2.9	.6	.3	.1			25.7	14.4
NE	1.1	2.0	2.0	2.1	.4	.1						1.6	6.5
ENE	.	2.0	2.0	.7	.1	.1						3.1	7.9
E	.	1.0	1.1									2.1	5.7
ESE	.	.4	.6	.8								1.1	3.3
SE	.	1.1	1.1	.4	.1	.3						3.3	4.2
SSE	.7	1.1	.7	1.2	.3	.7	.1					4.1	10.7
S	.2	1.0	2.0	2.9	1.5	.7	.1					7.7	12.3
SSW	.2	.7	1.0	1.2	.1	.1						3.3	10.3
SW		.	1.2	.6	.2							2.7	8.8
WSW		.7	.6	.4	.7	.1						1.7	12.0
W	.2	.7	1.1	1.1	.7							3.3	8.3
WNW	.1	.6	.4									1.1	6.5
NW	.1	1.2	.6	.4		.6						3.3	10.7
NNW	.1	.4	.3	.4			.1					1.4	10.3
VARBL													
CALM												7.1	
	7.1	12.0	25.3	23.7	10.1	6.2	1.0	.3	.1			10.3	10.4

TOTAL NUMBER OF OBSERVATIONS 77

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM-ETAC
 AIR WEATHER SERVICE/AMC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 100 CAPT. QMAN OF AFS AM STATION NAME 77-64 YEARS 1950-1959
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	2.0	4.4	1.4	.7		.1				11.2	11.2
NNE	1.0	1.5	4.6	6.7	5.1	4.5	.1	.4				23.1	15.3
NE	1.0	3.1	4.0	2.2	.3							1.6	6.1
ENE	.1	.1	2.0	1.2								1.6	6.5
E	.1	1.1	1.1	.1								1.6	6.1
ESE	.1	1.1	.4	.6								2.2	7.3
SE	.1	.4	1.0	1.0	.3	.6						4.0	10.3
SSE	.1	.1	2.0	1.1	.3	.3	.1					4.0	10.5
S		.1	1.1	3.1	1.2	.4						6.0	14.0
SSW	.1	.4	1.2	1.7	.1	.1						4.4	9.9
SW	.1	.1	1.0	1.5								3.0	10.1
WSW		.1	.7	.7	.4							2.5	10.7
W	.1	.3	.7	.6								1.6	8.0
WNW	.1	.4	.7	1.0	.1							2.4	10.4
NW	.1	1.0	.4	.3	.1	.3						2.4	9.4
NNW	.1	.6	1.0	.3								4.1	7.5
VARBL													
CALM													
	6.1	14.9	16.2	20.4	9.4	7.4	.3	.6				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 120

U.S. CLIMATE BUREAU
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 120 STATION NAME CAPE ROMANOF AFS AK YEARS 77-84 MONTH SEP
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	2.5	3.5	4.0	1.7	.4		.1				12.5	11.5
NNE	.1	3.2	4.7	5.1	3.2	2.2	.4	1.1				23.5	14.5
NE	1.1	3.1	4.3	3.9	.6							11.7	8.5
ENE	.7	1.4	2.6	1.1	.1							5.5	8.0
E	.1	.5	1.2	.6								2.2	7.3
ESE	.1	1.2	.4	.1		.1						2.5	6.3
SE		.2	1.1	.7	.4	.1						2.7	11.1
SSE	.1	1.1	1.4	1.1	1.1	.3	.4					6.1	12.1
S	.1	.5	1.2	2.6	.4	.6						6.5	12.2
SSW	.5		1.1	1.4	1.0							4.5	12.1
SW	.1	.7	1.3	1.2	.3							4.4	9.2
WSW	.4	.6	.4	.4	.6							2.4	10.3
W	.1	.3	.6	.7								1.7	9.2
WNW	.1	.3	.3	.1			.1					1.1	10.1
NW	.1	.7	.6	.6	.7	.1	.1					2.7	12.2
NNW	.1	1.3	.9									2.1	6.3
VARBL													
CALM												6.1	
	2.7	17.9	25.0	23.7	10.7	5.1	1.1	1.1				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1.00 STATION NAME CAPE ROMAN OF AFS AK YEARS 77-84 MONTH ALL
CLASS ALL
CONDITION ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.7	4.2	4.1	1.3	.4	.1	.1				12.4	11.3
NNE	.7	2.1	4.0	4.3	1.6	.5	.1					15.1	11.2
NE	.0	1.7	2.3	2.2	.6	.2						7.7	9.6
ENE	.0	.9	.8	.2								2.3	6.3
E	.0	.7	.5	.2								1.7	6.2
ESE	.0	.0	.4	.1	.0	.0						1.3	6.7
SE	.0	.0	.4	1.3	.2	.1						3.5	9.0
SSE	.3	.7	1.2	1.8	.5	.1						4.8	10.7
S	1.1	2.4	4.5	4.1	1.5	.2						13.6	10.3
SSW	1.1	2.2	4.1	2.7	.3	.1						9.7	8.5
SW	1.1	1.0	1.6	.9	.5	.2	.1	.0				6.3	8.0
WSW	.0	1.1	.0	.5								3.0	6.1
W	.0	1.5	.0	.1								2.0	5.5
WNW	.0	.4	.2									.9	4.4
NW	.0	.5	.2	.1	.0	.0						1.2	6.3
NNW	.0	.4	.5	.4	.1	.1			.0			1.9	9.7
VARBL													
CALM												11.4	
	9.5	19.2	27.9	23.4	6.6	1.7	.2	.1	.0			102.0	8.4

TOTAL NUMBER OF OBSERVATIONS 5752

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

77-120 STATION CAPE ROMAN OF AFS AK 77-84 YEARS NORTH
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	4.4	7.7	1.2	.5						14.4	12.4
NNE	.7	2.3	5.3	6.9	2.4	.3						17.5	11.4
NE	1.1	2.3	2.6	2.6	.8							4.8	9.4
ENE	.7	1.3	.5	.3								3.2	6.4
E	.7	.5		.1								.9	4.4
ESE	.7	.1	.1									.4	3.4
SE	.1	.7	.4	1.3	.1							2.7	10.4
SSE		.7	1.3	.7	.8	.1						2.8	11.4
S	.3	2.3	4.6	7.7	1.5	.3						11.5	10.4
SSW	.3	2.2	3.5	1.9	.1							5.5	8.4
SW	.3	1.5	1.5	1.3	.8							6.5	8.4
WSW	.3	.5	.4	.1								2.2	5.4
W	.3	.4	.4									1.2	4.4
WNW	.7	.1										.5	2.4
NW	.7	.4	.1									1.2	3.4
NNW	.3	.1	.9	.4								1.7	6.4
VARBL													
CALM												14.5	
	5.6	16.5	27.7	24.6	7.8	1.2						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 70

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 100 STATION CAPE ROMAN OF AFRICAN 77-84 YEARS MONTH 11
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1100-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.5	5.2	8.5	1.7	.8	.1	.3				15.5	12.
NNE	.4	1.7	4.6	6.1	1.5	.7	.3					16.5	12.
NE		.4	1.5	1.3	.5	.3						4.2	12.
ENE	.1	.4	.7	.1								1.5	7.
E		.5	.1									1.2	4.
ESE	.1	.4	.1									.7	4.
SE	.1	.1	.4	1.3	.1							2.2	12.
SSE	.7	.7	1.3	.9	.1	.4						4.2	10.
S	1.5	1.7	4.8	4.8	1.7	.1						14.5	10.
SSW	1.1	3.8	3.5	1.6	.7	.1						10.5	8.
SW	1.2	2.4	.7	.6	.4							5.1	7.
WSW	1.5	1.6	.9	.3								4.4	5.
W	.1	.7	.5									2.0	4.
WNW	.2	.4	.5									1.5	5.
NW	.1	.4	.3									.6	5.
NNW		.5	1.3	.7								2.6	9.
VARBL													
CALM												0.2	
	7.4	16.9	29.7	25.7	6.9	2.4	.4	.3				110.0	7.

TOTAL NUMBER OF OBSERVATIONS 74

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

77-122 STATION CAPT ROMANZOF AFS AR 77-84 YEARS
STATION NAME CLASS ALL WEATHER
CONDITION

1950-1977
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	4.2	5.4	2.6	.4	.1	.1				14.2	12
NNE	.2	.2	3.5	5.7	1.7	.4	.2					14.7	12
NE		.2	1.2	1.2	.3	.5						3.0	12
ENE	.2	.2	.2									1.1	5
E	.1	.3	.4									.7	6
ESE		.4	.4									.8	7
SE	.4	1.1	.1	.2	.4							2.0	9
SSE	.1	.2	1.1	2.4	.5	.4						3.5	11
S	.2	1.7	5.2	5.3	1.7							14.5	15
SSW	1.2	3.4	4.6	3.1	.4							12.7	8
SW	1.2	2.5	3.2	1.2	.4	.1						4.3	7
WSW	1.2	1.7	1.1	.1								4.3	4
W	1.2	1.1	.7	.1								3.1	5
WNW	.2	.4	.2									.9	3
NW	.4	.2	.7	.2								1.4	6
NNW	.1	1.2	1.1	.4	.1				.1			3.1	4
VARBL													
CALM												4.3	
	.2	19.1	20.5	17.6	9.2	2.3	.4	.1	.1			110.1	9

TOTAL NUMBER OF OBSERVATIONS 7

JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 122 STATION NAME CAPE ROMAN OF AFS AF YEARS 77-84 MONTH ALL
CLASS ALL WEATHER
CONDITION 10-14
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEI
N	.1	2.3	4.2	.1	.1	.4	.1					10.3	11
NNE	.1	1.5	7.1	.1	1.7	.9	.1					12.2	12
NE	.1	1.7	1.1	1.1	.7	.3						5.3	5
ENE		.1	.9									.7	1
E	.1	.7	.1	.1								1.1	2
ESE	.1	.1	.1		.1							1.5	1
SE	.1	.1	.7	1.1	.5	.1						3.5	11
SSE	.1	1.1	1.7	3.2	.7							5.5	11
S	2.4	2.6	5.1	4.6	1.7	.1						15.5	5
SSW	1.2	2.5	5.6	1.7	.3	.1						11.5	5
SW	2.2	2.7	1.6	.8	.7	.4						5.2	7
WSW	1.2	1.7	1.1	.8								3.2	6
W	1.1	1.2	1.2									3.4	5
WNW	.4		.3									.7	5
NW	.1	.7	.1	.7		.1						1.7	5
NNW	.7	.1	.7	.7	.3							2.5	5
VARBL													
CALM												5.2	
	11.1	27.2	24.1	22.7	9.7	2.9	.3					100.0	5

TOTAL NUMBER OF OBSERVATIONS _____

GENERAL CLIMATOLOGY FORM
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION CAPE ROMAN, GF, AFB, AK STATION NAME CAPE ROMAN, GF, AFB, AK YEARS 77-84 MONTH ALL
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WI SPE
N	.7	1.7	2.6	2.9	2.0	1.3	.8	.1				14.8	1
NNE	1.7	1.7	4.4	5.5	4.0	3.9	1.8	.5	.1			26.5	1
NE	1.7	.7	5.7	1.6	1.2	1.7	.8	.1				17.1	1
ENE	.7	.4	1.7	2.6	.8	.7	.4	.1				7.7	1
E	.7	1.7	1.1	1.9			.1					5.5	
ESE	.7	.7	1.1	1.1								3.4	
SE	.7	.7	1.6	.5								3.5	
SSE	.1	.1	1.7	.4								1.0	
S	.7	1.1	1.6	2.2	.7	.7						6.7	1
SSW	.1	.7	.7	.5	.3	.1						3.3	1
SW		.7	.7	.5								3.3	
WSW	.1	.3	.5	.3								1.2	
W	.1	.7	.4	.5	.1							1.7	
WNW	.1	.7	.7	.3	.1							1.5	
NW	.1	.7	.7	.7	.7							3.3	
NNW	.1	.3	.4	.4	.8	.3		.1	.1			2.6	1
VARBL													
CALM												.1	
	1.4	17.2	22.3	25.4	10.6	8.7	3.6	1.1	.3			100.0	1

TOTAL NUMBER OF OBSERVATIONS

CLIPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIN

7 12 STATION CAPE ROMAN OF AFD AK STATION NAME 77-54 YEARS 26 MONTHS 1700- HOURS (

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.0	1.0	1.0	0.0	1.0	0.0	0.0	.1				1.0
NNE	1.0	2.4	4.3	0.7	3.0	2.6	2.7	.7	.3			24.1
NE	.0	1.0	4.0	2.4	1.3	1.5	.8	.4				14.0
ENE	.0	.7	1.1	1.0	1.1	.8	.7	.1				6.2
E	1.0	1.1	1.7	1.0	.1	.1						6.7
ESE	.0	1.0	1.0	.5								3.0
SE	.0	.0	1.1	.3	.1							2.0
SSE	.4	.0	1.3	1.3	.1							4.2
S	.4	1.1	1.2	2.6	1.1	.7						7.0
SSW	.0	.0	.7	.3		.4						2.2
SW	.1	.0	.5	.7								1.7
WSW		.0		.1								.4
W	.1	.4	.0	.3								1.3
WNW	.0	.1	.4	.0		.1						1.5
NW		.0	.4	.0	.4							1.7
NNW	.1	.4	.0	.3	.4	.4	.1	.4				2.7
VARBL												
CALM												7.0
	1.0	10.7	27.6	24.2	9.3	3.3	4.0	1.7	.3			100.0

TOTAL NUMBER OF OBSERVATIONS

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 CAPE ROMAN OF AFS AK STATION NAME 77-84 YEARS NORTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	2.4	2.7	1.7	1.5	.4					11.4	13.1
NNE	1.1	1.2	4.3	7.7	4.3	3.7	1.7	1.3				22.3	16.1
NE	1.1	2.4	2.4	2.7	2.3	1.3	1.9					13.1	13.1
ENE	.1	1.1	.4	1.7	.7	.8	.3					6.6	13.1
E	.7	1.3	.4	1.7	.3		.1					3.1	9.1
ESE	.1	1.1	1.7	1.1								3.7	6.1
SE	.1	.8	.4	.4								2.4	6.1
SSE	.1	.4	1.3	.9								3.1	9.1
S	.1	.4	.7	2.7	1.6	.3						6.6	12.1
SSW	.4	.8	.4			.4						1.7	9.1
SW		.8	.7	.1								.5	6.1
WSW		.2	.3	.3								.3	9.1
W	.1	.7	.7	.3								1.7	7.1
WNW	.1	.3	.7		.1							1.3	7.1
NW		.5	.9	.3	.4	.1	.1					7.3	12.1
NNW	.1	.7	.5	.5	.7	.1	.4					3.2	13.1
VARBL													
CALM												6.6	
	.1	14.9	19.5	24.2	12.1	7.5	5.0	1.3				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 7

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 77-127 STATION NAME CAPE ROMAN, OF AFS AK YEARS 77-84 MONTH DEC
CLASS ALL WEATHER HOURS (L.S.T.) 210-11
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEED
N	.1	1.7	2.0	3.6	2.2	1.3	.1					11.4	14
NNE	.1	1.0	3.2	7.4	4.7	3.5	1.9	1.1	.1			23.7	16
NE	.7	1.7	3.5	4.2	1.6	1.5	1.1	.4				14.7	14
ENE	.4	.5	2.7	2.7	1.3	.1		.4				6.9	13
E	.1	.5	.4	1.1	.0	.4						3.5	13
ESE	.1	.7	1.3	.5								3.7	6
SE	.1	.4	1.3	1.9								4.2	9
SSE	.7	.0	.7	.9								2.4	0
S	.7	.0	.4	3.7	1.2	.4						6.5	12
SSW	.1	.3	.5	.1		.4						1.5	12
SW	.1	.3	.5	.4								1.3	0
WSW		.7	.5	.8								3.0	6
W	.1	.4	1.0	.3								2.4	7
WNW	.7	.4	.1									.5	5
NW		.1	.7	.7								1.3	7
NNW		1.2	.1	.7	.7	.0	.1					4.4	13
VARBL													
CALM												.1	
	1.1	14.4	12.7	27.2	12.5	2.6	3.2	1.9	.1			100.0	12

TOTAL NUMBER OF OBSERVATIONS 7

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE TOMA, OF AF, AK STATION NAME 77-44 YEARS 1950-1951
CLASS ALL WEATHER MONTH 1950-1951
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	3.1	4.2	2.3	1.5	.7					11.1	13.
NNE	.1	1.5	4.0	3.0	4.0	5.0	1.9	.4	.1			21.7	16.
NE	.1	1.7	1.5	2.2	1.6	1.5	.5	.7				11.4	15.
ENE	.1	.4	.0	1.7	2.0	.1	.1					.5	14.
E	.1	.5	1.5	1.1	.1	.4	.7					4.3	14.
ESE	.1	.1	.4	.3	.3							1.4	10.
SE	.1	.7	.7	1.2	.3							4.1	10.
SSE	.4	.0	.8	.0	.4							2.2	7.
S	.1	.7	1.6	1.9	.8	.4						6.2	11.
SSW	.1	.5	.7	.8	.7	.4						3.4	13.
SW	.1	.3	.3	.3								1.1	7.
WSW	.1	.4	.5	.5								1.5	8.
W	.1	.7	1.2	.4								2.4	8.
WNW		.4	1.1	.1								1.5	8.
NW	.4	.5	.5		.3	.5						3.3	11.
NNW	.1	.7	.7	.7	.5	.4						3.1	12.
VARBL													
CALM													
	.1	10.6	12.2	16.9	17.3	10.2	3.5	1.1	.1			110.6	12.

TOTAL NUMBER OF OBSERVATIONS 74

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 120 STATION NAME CAPE ROMANOF AFB AK YEARS 77-84 MONTH MAY 1977-1984
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	7.2	.9	7.2	1.2	.4					12.7	13.0
NNE	1.1	1.1	3.1	7.9	4.6	4.5	1.6	1.7				23.7	16.3
NE	.1	.1	1.1	1.3	.5	2.3	.1	.7	.4			6.3	17.7
ENE	.1	.1	.1	2.7	1.6							4.8	14.3
E	.1	.4	.1	1.1	.7	.1	.1					3.1	12.5
ESE	.1	.1	.1	.4	.7							2.7	6.1
SE	.1	.4	.1	.7	.3	.1						3.1	8.4
SSE		1.1	.1	.4	.3	.7						2.6	10.7
S	1.1	1.1	1.1	1.6	.5	.7	.1					7.8	13.0
SSW	.1	.1	.1	.1	.7							4.2	8.1
SW	.1	.1	.1	.7	.4							3.2	8.0
WSW	.1	.1	.4	.1								.1	7.3
W	.1	.1	.7	.1								1.6	6.3
WNW	.1	.4	1.1	.7								3.3	8.7
NW	.1	.7	.1	.4	.3	.1	.1					2.4	10.0
NNW	.1	.1	1.1	1.2	.4	.5	.5					4.7	14.1
VARBL													
CALM													
	.1	1.1	1.1	.5	14.1	0.9	7.1	1.4	.4			10.0	12.7

TOTAL NUMBER OF OBSERVATIONS 744

U. S. AIR FORCE
 CLIMATE BRANCH
 WHEELING
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-1 CAPE ROMAL OF AES AK

77-84

YEARS

MONTH

ALL WEATHER

CLASS

CONDITION

10-2020
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.2	1.6	2.2	1.5	.7	.7				11.1	14.2
NNE	1.1	2.2	4.7	1.5	1.0	1.4	2.4	.4	.1			27.4	15.7
NE	1.1	.1	2.4	1.1	2.2	1.1	.1	.1	.4			11.1	15.7
ENE	.1	.1	1.1	1.7	1.7	.8						6.7	13.4
E	.7	.4	.1	1.6	.7	.3	.3					4.3	13.2
ESE	.1	.7	.1	.1								1.1	6.7
SE	.4		1.6	.7	.1							1.1	10.4
SSE	.1	.1	.1	.3	.1							.1	10.4
S	.1	.1	.7	1.2	1.2	.1						1.1	11.3
SSW	.1	.1	1.1	.5	.3							1.1	6.3
SW		.1	.1	1.1								1.1	12.0
WSW	.1	.1	.1	.1								1.1	6.7
W	.1	.1	.1	.7								1.1	3.4
WNW	.1	.1	.1	.4	.3							1.1	4.7
NW		.1	.1	.1	.1	.1						1.7	13.4
NNW	.1	.1	.1	1.1	.4	.1						3.1	13.4
VARBL													
CALM												1.7	
	.1	10.3	10.4	25.4	14.0	2.5	3.1	1.1	.1			11.1	12.5

TOTAL NUMBER OF OBSERVATIONS

744

CLIMATE CLIMATOLOGY BANCH
 USAFETAC
 AIR WEATHER SERVICE MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 CAPE ROMATE OF AFB AK STATION NAME 77-84 YEARS NORTH
 ALL 4148- CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	2.0	3.0	2.0	1.0	1.0					1.0	1.0
NNE	1.0	1.0	4.0	7.0	3.0	4.0	1.0					1.0	1.0
NE	1.0	1.0	7.0	2.0	1.0	1.0	1.0	.4	.1			1.0	1.0
ENE			1.0	1.0	1.0	.7							1.0
E		1.0	.5	1.0	.5	.1	.4	.1					1.0
ESE		.1	.5	.4	.1								1.0
SE		1.0	.5	.7	.3								1.0
SSE				.5	.2								1.0
S	.1	.5	.5	1.0	.7	.5							1.0
SSW		.5	.5	.5	.4								1.0
SW			.5	1.0									1.0
WSW		.1	.4	.1									1.0
W	.1	.4	.5	.4									1.0
WNW	.1	.5	.5	.4									1.0
NW	.1	.5	.7	.7	.3	.3							1.0
NNW	.4	.5	.5	.7	.1	.2	.1	.1					1.0
VARBL													
CALM													
	5.0	13.7	21.0	21.5	17.9	2.9	4.5	1.3	.1			1.0	12.2

TOTAL NUMBER OF OBSERVATIONS 744

1. AL CLIMATE DIVISION
 2. TAC
 3. WEATHER SERVICE MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. AF ROMAN OF AFS AK STATION NAME 77-54 YEARS 197
 MONTH ALL
 CLASS ALL WEATHER
 HOURS (L.S.T.) ALL
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.4	4.7	7.2	1.3	.6	.1				13.3	13.7
NNE	1.7	2.8	4.1	7.9	4.1	3.9	1.8	.8	.1			20.1	16.1
NE	1.7	1.3	2.4	2.5	1.6	1.5	.8	.4	.1			13.0	14.6
ENE	.4	.8	1.7	1.0	1.3	.5	.1	.1				6.2	13.7
E	.4	.8	1.7	1.5	.4	.2	.2	.2				4.6	11.0
ESE	.4	.8	1.7	.6	.1							2.7	8.1
SE	.4	.8	1.1	.7	.2	.1						2.8	6.7
SSE	.4	.7	.3	.2	.2	.5						2.7	9.4
S	.4	.7	1.1	2.0	1.0	.0	.7					6.6	12.1
SSW	.4	.8	.3	.5	.3	.2						2.7	10.0
SW	.4	.8	.4	.6	.1							1.5	6.7
WSW	.4	.8	.4	.3								1.7	7.7
W	.4	.8	.7	.4	.0							1.7	7.7
WNW	.4	.4	.6	.3	.1	.0						1.6	8.0
NW	.1	.4	.6	.4	.2	.2	.0					2.2	10.8
NNW	.4	.6	.7	.7	.5	.5	.2	.1	.0			3.4	14.2
VARBL													
CALM												2.7	
	7.0	12.9	20.2	25.5	12.2	9.0	3.8	1.5	.2			100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 5952

DEPTAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 STATION NAME CAPE ROMAN OF AFS AK YEARS 77-84 MONTH ALL
CLASS ALL WEATHER
CONDITION 77-84
HOURS (L.S.T.) 00-2300

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.4	1.7	2.4	1.4	1.1	1.4	.7				14.0	17.4
NNE	1.7	1.5	1.7	2.4	2.4	2.1	1.4	1.5				17.4	18.4
NE	.7	1.4	2.4	2.4	1.3	2.3	2.1	.7	.7			17.4	18.4
ENE	.7	.7	1.7	2.4	1.1	1.1	.4	.4				17.4	18.4
E	.4	.5	1.7	4.7	.8	.5	.1					17.4	18.4
ESE	.4	1.1	1.4	.1	.4	.1						17.4	18.4
SE	.7	.5	.7	1.4	1.3	1.1	.7	.1				17.4	18.4
SSE	.7	.7	.1	1.1	1.5	1.5	.7					17.4	18.4
S	.7	.7	1.7	2.4	2.4	1.2	.1					17.4	18.4
SSW	.1	.7	.1	.1	.7							17.4	18.4
SW	.1		.1	.7	.1	.1						17.4	18.4
WSW		.1	.1		.1	.3						17.4	18.4
W	.7	.1	.7		.1	.1						17.4	18.4
WNW		.1	1.7	.7								17.4	18.4
NW	.1	.4	.4	1.4	.4	.4						17.4	18.4
NNW	.1	.4	.7	1.1	.5	.1	.1	.1				17.4	18.4
VARBL												17.4	18.4
CALM												17.4	18.4
	.5	.2	14.0	22.2	17.5	12.6	6.7	7.5	.7			17.4	18.4

TOTAL NUMBER OF OBSERVATIONS 717

U.S. AIR FORCE
 USAFETAC
 AIRCRAFT SERVICE UNIT

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10 DATE 10 MAR 64 STATION NAME AFB AN YEARS 77-64 NORTH 10-00-00

CLASS ALL WEATHER

CONDITION

HOURLS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.4	1.5	1.7	1.1	1.7	.7				7.3	10.0
NNE	.0	1.0	2.1	2.2	2.0	1.3	1.4	1.0	.7			10.4	10.7
NE	.0	.0	2.0	2.1	1.4	1.7	1.0	.0				10.3	10.0
ENE	.0	.0	1.0	2.4	.7	1.3	1.0	.1				7.0	17.7
E	.0	.0	1.0	2.1	2.1	1.1	.1					6.0	14.4
ESE	.0	1.1	.0	.0		.1	.1					0.3	4.0
SE	.0	.0	1.1	1.0	.6	1.1	1.3					2.7	17.4
SSE	.0	.0	.7	1.4	1.1	1.0	.4					.4	10.4
S	.0	.0	1.0	2.5	1.0	.0	.0					7.0	10.4
SSW	.0	.1	.1	.0	.7							1.0	10.0
SW	.0		.7	.1	.3	.4						1.4	14.0
WSW				.7	.4							.7	10.0
W	.0		1.0	.7	.1							1.7	9.0
WNW		.1	.4	.4								1.0	7.0
NW	.1	.7	2.0		.4	.3	.1					2.0	11.7
NNW	.7	.3	.6	1.1	.4	.7	.7					2.0	14.7
VARBL													
CALM												1.1	
	.0	7.0	10.5	10.0	13.0	11.7	0.0	2.0	.7			10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 717

LIFAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100 STATION NAME CAPE EMAN OF AFS AK YEARS 77-84
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	1.1	2.9	1.3	2.1	1.1	1.2				1.7	12.1
NNE	.1	1.1	2.2	2.4	2.2	1.7	1.7	1.4	.4			13.1	18.1
NE	.1	.7	1.1	2.4	1.5	2.4	.7	1.3	.6			11.2	9.9
ENE	.1	.4	.7	2.7	.8	2.1	.4	.7				7.1	10.1
E	.4	.7	1.1	2.6	1.3	1.3	.4	.1				7.3	14.1
ESE		.4	1.1	1.4	.6	.2	.1					7.1	14.1
SE	.1	.7	.7	.6	.6	.7	.4					4.2	15.1
SSE	.1	.7	1.1	.7	1.7	.7	.6					5.1	15.3
S	.7	.7	1.1	2.6	1.3	1.3	.6	.7				5.3	18.7
SSW		.1	.7	.1		.1						1.1	10.1
SW	.1	.1	.7	.6	.4	.1						1.7	12.1
WSW	.1	.1		.1								1.1	10.1
W	.1	.1	.4	.1								.1	7.1
WNW	.1	.3	1.4	.1								.1	7.7
NW		1.1	1.1		.4	.3	.1					.1	11.1
NNW		.4	1.4	.7		.5	.3					.1	13.1
VARBL													
CALM												1.1	
	4.1	1.3	13.2	20.8	12.9	13.9	6.7	4.7	1.1			1.1	14.1

TOTAL NUMBER OF OBSERVATIONS 717

CLIMATE DIVISION
 WASHINGTON, D.C.
 AIR FORCE SERVICE, MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1.7 NAME SMALLER AIRPORT YEARS 17-18 MONTH 17-18
 CLASS ALL AIRPORT
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	1.1	1.7	1.4	2.5	1.2	1.7	1.4	•	•	•	1.1	17.0
NNE	•	1.1	2.5	1.4	2.5	2.5	1.7	1.1	•	•	•	1.1	17.0
NE	•	•	2.5	1.1	1.7	1.4	1.1	1.4	•	•	•	1.1	17.0
ENE	•	•	•	1.1	1.3	1.7	•	•	•	•	•	•	17.0
E	•	•	1.1	1.6	1.7	1.1	•	•	•	•	•	•	17.0
ESE	•	•	1.1	•	•	•	•	•	•	•	•	•	17.0
SE	•	•	1.4	1.7	1.6	•	•	•	•	•	•	•	17.0
SSE	•	•	•	1.4	1.4	•	•	•	•	•	•	•	17.0
S	•	1.1	1.4	1.7	1.7	•	•	•	•	•	•	•	17.0
SSW	•	•	•	•	•	•	•	•	•	•	•	•	17.0
SW	•	•	•	•	•	•	•	•	•	•	•	•	17.0
WSW	•	•	•	•	•	•	•	•	•	•	•	•	17.0
W	•	•	•	•	•	•	•	•	•	•	•	•	17.0
WNW	•	•	•	•	•	•	•	•	•	•	•	•	17.0
NW	•	•	1.7	•	•	•	•	•	•	•	•	•	17.0
NNW	•	•	1.7	•	•	•	•	•	•	•	•	•	17.0
VARBL	•	•	•	•	•	•	•	•	•	•	•	•	17.0
CALM	•	•	•	•	•	•	•	•	•	•	•	•	17.0

TOTAL NUMBER OF OBSERVATIONS 717

U.S. AIR FORCE
 USAFETAC
 FORM 8-5 (OL A)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1. STATION USAFETAC STATION NAME AFB YEARS 77-84 MONTH ALL
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.7	18.1
NNE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	19.0
NE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
ENE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
E	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
ESE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
SE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
SSE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
S	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
SSW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
SW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
WSW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
W	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
WNW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
NW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
NNW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
VARBL	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3
CALM	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	18.3

TOTAL NUMBER OF OBSERVATIONS 717

U.S. AIR FORCE CLIMATE CENTER
 AFMPC
 AFMPC/AFMPC/AFMPC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME LAKE HUMAN OF AFD 12 YEARS 77-78 MONTH JUL
 CLASS ALL
 CONDITION ALL
 HOURS (LST) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	.7	1.7	1.5	1.7	.7	.1				7.8	12.2
NNE	.2	1.2	1.5	1.3	2.2	3.1	2.4	2.4				1.4	2.5
NE		1.1	1.2	1.2	1.7	2.2	2.1	1.8	.1			1.4	2.4
NNE		.9	.7	1.1	.9	1.3	.7	.7	.4			1.4	2.4
E		.2	1.2	1.4	1.3	1.3	.7	.2				7.1	18.0
ESE		.4	.7	1.4	1.2	.7	.7	.1				1.4	18.0
SE		.2	.2	1.2	1.3	.7	.7	.1				1.2	18.0
SSE	.7	.7	.7	1.7	2.1	1.6	.2	.1				7.7	18.0
S	1.2	1.2	.7	1.1	2.0	1.6	.4	.1		.2		1.4	14.3
SSW		.4	.7	.7	.7	.7	.7	.1				2.7	13.7
SW		.2	.7	.7	.2	.7						1.7	13.3
WSW		.1	.2	.4	.7	.7						1.1	13.4
W		.7	.5	.4	.1							1.2	7.0
WNW	.1	.2	.7	.4	.1							1.2	8.7
NW		.7	.7	.7	.2	.7						1.2	7.0
NNW		.7	.7	.7	.7	.1	.7					1.2	16.3
VARBL													
CALM													
	.7	4.6	2.7	1.6	15.5	13.3	7.4	2.5	.7	.1		10.0	12.2

TOTAL NUMBER OF OBSERVATIONS 525

JOINT CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 121 STATION NAME CAPE ROMAN OF AFS 24 YEARS 77-83 MONTH DEC

CLASS ALL WEATHER

CONDITION

100-200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.2	.3	.2	1.5	2.2	.3	.3				7.4	17.5
NNE	.	1.4	1.7	2.6	3.3	3.2	2.0	4.2				17.7	22.5
NE	.	1.1	1.2	1.2	1.4	2.3	2.8	1.1				11.8	20.4
ENE	.	.	.2	1.1	.4	1.1	1.2	.7	.			7.5	19.1
E	1.1	.	.5	.2	1.5	1.7	.8					.3	15.7
ESE	.	.4	.5	.2	2.3	.4	.3	.2				.5	17.4
SE	.	.7	.3	2.3	2.4	.5						7.1	14.3
SSE	.	.2	.6	1.4	2.0	1.1		.2				8.7	14.4
S	1.2	1.2	.3	1.5	2.4	.9	.5					4.4	12.6
SSW	.	.3	.2	.5	.3	.2	.3					.3	15.4
SW	.	.	.	.4	.2							1.1	12.3
WSW	.	.	.2	.3								.7	8.2
W	.	.	.2	.2	.5							.3	11.1
WNW	.	.2	.2	.6	.2							1.2	11.1
NW	.	.2	.	.3		.2						.6	12.4
NNW	.	.	.2	.3	.2	.3						1.2	13.2
VARBL													
CALM												.4	
	4.1	4.2	7.7	15.6	15.7	13.4	2.1	6.8	.7			100.0	15.7

TOTAL NUMBER OF OBSERVATIONS 351

U.S. AIR FORCE CLIMATE DIVISION
 WASHINGTON, D.C. 20330
 AIR WEATHER SERVICE AFSSAFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100 STATION NAME CAPE GRAY OF AFS AK YEARS 77-83 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-2000
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	1.7	1.5	.9	1.1					7.1	10.0
NNE	1.1	2.7	.3	2.6	4.1	3.1	3.5	2.5				14.2	7.8
NE	.0	1.1	1.1	2.2	2.2	3.2	2.4	1.3				11.2	21.1
ENE	.0	.0	.0	.0	.8	.0	.8	.0	.0			5.4	12.3
E	.0	.0	.0	1.0	1.2	1.1	.0					3.0	15.5
ESE	.0	.0	.0	2.0	2.5	.0	.6	.0				3.0	16.0
SE	.0	.0	.0	1.5	.0	.0	.3					1.5	12.0
SSE	.0	.0	.0	.0	1.4	1.7	.3					1.5	16.3
S	1.7	1.1	.0	1.2	2.3	1.7	.5					7.0	14.0
SSW	.0	.0	.0	.0	.0	.3	.5					1.3	14.0
SW	.0	.0	.0	.0	.3	.2						1.2	4.4
WSW		.0	.0	.0								.0	4.0
W	.0	.0	.0	.0	.3							1.0	11.7
WNW	.0	.0	.0	.0	.3	.2						.0	11.0
NW	.0	.0	.0	.0	.3							1.0	10.1
NNW	.0	.0	.0									1.0	4.0
VARBL													
CALM													
	1.0	4.7	7.0	17.7	16.7	14.1	11.1	4.0	.0			100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 651

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100 CAPT ROMAN OF AFD AM STATION NAME 77-03 YEARS 0-0
 NORTH
 ALL WEATHER CLASS
 1007-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	.3	.6	1.2		1.1	.3				8.3	14.0
NNE	1.1	1.1	1.3	4.3	1.0	3.2	2.5	2.6	.3			18.8	20.6
NE	1.1	1.1	.3	1.1	2.6	2.5	2.6	1.7				14.4	20.3
ENE	.	.	.2	1.1	.3	1.1	.3	.6	.2			6.3	17.1
E	.	.6	.2	1.5	.9	1.5	.3	.7				6.3	15.7
ESE	.	.3	.5	1.4	1.1	1.2	.7	.7				7.5	16.4
SE	1.2	.6	1.1	.9	1.4	.5	.2	.3				5.5	13.1
SSE	.	.8	.9	1.5	2.8	1.5	.5					1.4	18.8
S	1.4	1.1	.2	1.1	1.7	1.4	.5	.3		.2		6.4	15.6
SSW	.		.5	.8	.2	.5	.2					2.3	14.7
SW		.2	.2	.6	.2							1.4	10.8
WSW	.	.2	.5	.5								1.1	7.7
W			.6	.5								1.1	11.1
WNW			.2		.2							.3	14.8
NW	.	.3	.3	.2	.2							1.2	7.7
NNW	.	.2	.2	.6	.2							1.1	10.7
VARBL													
CALM												.9	
	.5	.4	12.4	17.3	15.0	17.2	1.1	6.0	.5	.7		10.0	15.4

TOTAL NUMBER OF OBSERVATIONS 651

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAN OF AFS AM STATION NAME 77-57 YEARS 1960-1969
 CLASS ALL WEATHER
 CONDITION 1000-1400
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	.7	1.5	1.5	.2	.5	.2				7.1	13.7
NNE	.	1.4	1.4	2.2	2.2	4.6	2.3	2.3	.7			14.3	13.2
NE	.	1.4	2.7	1.2	2.7	2.6	.9	1.7	.7			14.3	13.2
ENE	.	.2		1.4	.6	.5	.6	.2	.2			4.4	22.1
E	.	.2	1.1	1.7	2.2	.3	.5	.2				4.4	15.4
ESE	.2	.2	.6	.9		.6	.2	.2				3.2	13.2
SE	1.4	.5	.5	1.4	1.5	.5	.5	.2				4.4	13.2
SSE	.	.2	.4	2.3	2.2	1.5		.7				4.4	14.3
S	.	1.7	1.1	1.7	1.7	1.2	.2	.2				7.1	13.4
SSW	.2	.2	.6	1.4			.2					4.4	13.2
SW	.	.2	.4	.5	.2							4.4	2.6
WSW	.2	.2	.2	.5	.2	.2						1.2	13.1
W	.	.2	.2	.2								.2	8.2
WNW		.2		.9								1.1	11.2
NW	.	.2		.5								1.2	7.4
NNW	.2	.2	.2	.2	.2							1.2	2.9
VARBL													
CALM												11.1	
	.2	1.1	2.4	10.7	14.6	12.4	5.1	4.0	.2	.2	.2	10.0	14.7

TOTAL NUMBER OF OBSERVATIONS 651

U.S. AIR FORCE
CLIMATE BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 100 STATION NAME CAPE ROMAN OF AFS AK YEARS 77-93 MONTH 2-6
CLASS ALL WEATHER
CONDITION 1000-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	.7	.9	1.2	.1	.5					2.8	13.4
NNE	.1	1.4	2.0	1.2	2.3	3.5	2.1	1.4	.5			15.1	20.1
NE	.1	1.3	1.7	1.2	2.0	2.9	.8	2.5				12.7	18.7
ENE	.1	.7	.1	1.7	.3	1.4	1.1	.1	.5			6.9	22.3
E	.1	1.1	1.4	1.1	.8	1.1	.5	.2				7.1	13.9
ESE	.1	.2	.7	1.2	1.1	.4	.6					5.4	15.6
SE	.1	1.1	.6	1.4	.9	.8	.6	.5				6.5	15.3
SSE	1.1	1.1	.7	2.2	1.7	1.2	.3	.3				9.2	13.4
S	.1	1.4	.6	.7	1.1	.9	.2					5.2	14.1
SSW	.1	.5	.6	1.5	.6	.2	.3	.7				4.3	14.5
SW		.7		.8	.2							1.2	12.9
WSW	.1			.3	.6							1.4	11.5
W		.1										.1	4.3
WNW	.1	.2	.5	.5								1.2	8.9
NW	.1	.5		.5	.5							1.7	11.1
NNW	.1	.1	.5	.2	.3							1.3	8.2
VARBL													
CALM												15.4	
	1.1	11.5	17.3	17.3	17.8	12.7	9.1	6.2	1.1			100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 251

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE (AWC)

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAN OF AFRICA YEARS 77-81 MONTH ALL
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 0000-2400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	1.7	2.2	1.1	.9	.6					8.8	13.0
NNE	1.7	2.0	1.2	2.7	2.2	2.3	1.2	1.7		.5		16.5	19.0
NE	.1	1.2	.9	2.0	.9	2.3	1.5	1.1				11.4	18.0
ENE		.1	.1	1.3	.9	1.7	1.4	.6	.1			5.0	22.0
E	.1	.7	.9	.4	1.1	1.2	.6	.3				5.4	16.0
ESE	.1	.1	.3	1.1	.3	1.1	.2	.7				4.1	14.0
SE	.1	1.2	.4	1.9	1.1	1.6	.3					7.5	13.0
SSE	.1	.1	.3	1.5	2.6	1.5	.3	.7				7.7	17.0
S	.1	1.1	.7	1.4	2.0	1.4	.6					7.7	15.0
SSW	.1	.3	.3	.6	.3	.3	.7					3.5	12.0
SW	.1			.2								1.4	10.0
WSW	.1	.1		.6	.7							1.1	11.0
W	.1	.3	.3	.2								1.4	6.0
WNW		.1	.7	.3								1.1	7.0
NW	.1	.7		.2	.2							.7	8.0
NNW	.1		.1	.6	.7	.2						1.2	12.0
VARBL													
CALM												11.7	
	.1	11.1	7.5	12.4	12.2	14.6	7.2	4.1	.6	.5		100.0	14.0

TOTAL NUMBER OF OBSERVATIONS 60

U.S. AIR FORCE CLIMATE CENTER
 WASHINGTON, D.C. 20330
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12 CAPE ROMAN OF AFS AK STATION NAME 77-F3 YEARS 1960-65
 ALL WEATHER CLASS 1960-65
 CONDITION 1960-65

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	0.5	1.2	.0	.5					3.5	15.0
NNE	.0	1.2	1.0	3.5	2.3	1.0	3.4	2.0		.0		17.2	20.0
NE	.0	.0	1.5	1.1	1.1	1.0	2.5	1.7	.0			10.0	22.0
ENE	.0	.0	.0	.4	1.0	.5	.0	.0	.0			3.0	20.0
E	.0	.0	1.1	1.0	1.4	1.4		.0				7.2	18.0
ESE	.0	.0		1.0	.0	1.4						4.0	15.0
SE	.0	1.0	.0	1.5	.0	.0	.0					5.0	11.0
SSE	.0	.0	.0	1.0	2.0	1.0	.0					5.0	17.0
S	.0	1.0	.0	.0	.0	2.0	1.0	.0				7.0	14.0
SSW	.0	.0	.0	.0	.0	.0	.0					2.0	13.0
SW	.0	.0	.0	.0	.0							2.0	9.0
WSW	.0	.0		.0	.0							1.1	11.0
W	.0	.0	.0	.0	.0							1.7	7.0
WNW		.0	.0	.0								.0	5.0
NW		.0	.0	.0	.0							1.0	11.0
NNW	.0	.0	.0	.0	.0		.0					2.0	11.0
VARBL													
CALM												10.0	
	.0	4.0	12.0	10.3	14.6	12.7	8.3	4.0	.0	.0		100.0	14.0

TOTAL NUMBER OF OBSERVATIONS 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 123 CAPE ROMAN OF ARS AK 77-45 NORTH
STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WI SPE
N	.	.	.3	.3	1.7	1.7	.4	.2				.4	1
NNE	1.0	1.5	1.4	1.4	1.5	2.3	2.7	2.5	.2			17.2	5
NE	.	.6	.8	2.0	.9	2.3	2.4	1.5	.2			1.0	2
ENE	.	.2	.2	.2	.5	.7	.3	1.2	.2			.4	2
E	.4	.5	1.2	1.4	1.5	2.3	.2					7.4	1
ESE	1.1	.2	.5	1.4	1.8	.9	.2					1.1	1
SE	.	.2	.9	1.7	.9	.6	.3					.2	1
SSE	.	1.1	1.1	2.3	1.8	2.7	.2					.2	1
S	1.0	1.2	.2	1.2	1.7	3.2	.3					1.1	1
SSW	.	.4	.2	.3	.3	.3		.2				.2	1
SW	.	.2	.2	.2	.3							1.0	1
WSW	.		.		.3							.2	
W	.		.2	.5								1.4	
WNW	.	.2	.2	.5								1.2	
NW	.	.	.5		.5							.0	
NNW	.2	.2		.2	.2	.5						1.4	1
VARBL													
CALM												.1	
	7.7	8.3	17.5	12.9	14.6	16.5	2.7	5.7	.4			1.0	1

TOTAL NUMBER OF OBSERVATIONS

1
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

77-127 STATION CAPE ROMAN OF AFS AK 77-84 YEARS
 STATION NAME CLASS ALL WEATHER
 CONDITION

77-127 HOURS (LT)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	A V S
N	.1	.1	1.4	2.3	1.5	1.1	1.0	.4	.7			1.4	
NNE	.1	1.1	1.5	2.8	2.7	2.3	1.6	1.4	.3			14.4	
NE	.1	.2	1.4	2.3	1.7	2.1	1.3	.2	.2			11.5	
ENE	.1	.5	1.1	1.9	1.2	1.3	.6	.3				7.4	
E	.1	.1	1.1	2.2	1.6	1.0	.3	.2				6.1	
ESE	.1	.2	.7	1.1	.4	.5	.2	.2				4.2	
SE	.1	.7	1.2	1.3	.9	.5	.6	.2				6.2	
SSE	.1	.5	.2	1.6	1.7	1.0	.4	.7				5.5	
S	.7	.2	1.2	2.3	1.5	1.1	.4	.2	.1			6.4	
SSW	.1	.4	.4	.3	.1	.1	.1					1.7	
SW	.1	.1	.2	.3	.2	.2	.6					1.1	
WSW	.1	.2	.1	.2	.1	.1						.6	
W	.1	.2	.5	.2	.1	.3						1.2	
WNW	.1	.3	.5	.2	.1	.1						1.4	
NW	.1	.5	1.5	.6	.4	.3	.2					3.4	
NNW	.1	.3	.2	.8	.5	.4	.3	.1				2.3	
VARBL													
CALM												11.1	
	5.7	4.8	15.5	20.9	14.7	12.3	7.0	3.5	.6			100.0	

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION CAPE ROMAN OF AFS AM YEARS 77-84 NORTH 1100-2
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	M W SP
N	.2	.2	1.4	2.2	2.4	.4	1.5					5.1	1
NNE	.2	1.4	1.5	1.7	3.4	2.4	1.5	1.5	.3			14.4	2
NE	.2	.7	.7	2.1	2.4	2.2	1.4	1.2	.1			11.1	2
ENE	.4	1.1	1.2	2.4	1.4	1.7	.8					5.1	1
E	1.4	.7	1.5	2.4	1.3	.7	.1					5.4	1
ESE	.2	.5	.7	.8	.7	.4	.3					5.4	1
SE	.4	.6	.7	.8	.8	1.5	.3					5.7	1
SSE	.1	.5	.7	2.4	1.4	1.3	.4					5.4	1
S	.2	.4	.4	2.5	2.2	1.3	.1					5.7	1
SSW	.1	.2	.3	.3								1.3	1
SW					.1	.3						.4	1
WSW		.1	.1		.1	.1						.5	1
W	.2	.5	.2	.6								1.7	1
WNW	.2	.2	.6	.4	.1	.1						2.2	1
NW			2.2	.7	.6	.1						3.6	1
NNW		.1	.5	.4	.4	.4	.3					2.2	1
VARBL													
CALM												11.2	

TOTAL NUMBER OF OBSERVATIONS 111.2

✓
JOURNAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2-107 STATION NAME CAPT ROMANOV AFS AK YEARS 77-84 MONTH July
 CLASS ALL WEATHER HOURS (L S) 1-12-5
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MI W SP
N		.1	2.1	2.5	1.1	.6	.7					.1	1
NNE			1.1	2.7	1.1	2.2	2.2	1.4	.7			12.4	2
NE	.1	.7	1.1	2.7	2.4	2.7	1.3	.3				11.2	1
ENE	.1	.3	1.4	2.1	2.2	1.1	.3					.1	1
E	.1	.1	1.8	2.2	1.5	1.1	.7					4.7	1
ESE	.1	.5	1.2	2.7	.3	.3	.3					2.2	1
SE	.1	.7	1.4	2.1	.7	.8	.4	.1				6.2	1
SSE	.1	.3	.5	1.8	2.2	.7	.6					7.2	1
S	1.1	1.2	.6	2.7	1.8	.5	.1	.1				5.5	1
SSW	.1	.7	.5	.1	.1							.1	
SW	.1	.1	.3	.4		.3	.1					1.4	1
WSW		.1		.1	.1							.4	1
W		.4	.7	.1	.7							1.5	1
WNW	.1	.3	.5	.1	.4							1.7	
NW		.7	1.1	.1	.4							2.4	
NNW		.1	.5	.5	.4	.3	.6	.1				2.7	1
VARBL													
CALM												2.5	
	1.5	2.7	15.7	22.7	16.9	10.9	7.4	2.7	.7			100.0	1

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFETAC
ATMOSPHERIC SERVICE/MAL

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1.7 NAME CAPE ROMANO OF AFS AK YEARS 77-84 MO 10

CLASS ALL WEATHER HOURS 1000

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.4	.4	1.7	1.7	.7	1.4	.1	.4	.1			8.2
NNE	.4	.4	2.4	2.7	3.4	2.5	2.8	1.7	.1			18.9
NE	.4	.4	.4	1.4	.4	1.1	1.4	.6				7.1
ENE	.4	.7	1.5	.7	1.1	1.1	.7	.7				7.3
E	.4	.7	2.7	2.7	1.4	1.1	.4					9.7
ESE	.4	.1	.7	1.3	.7	.7	.4					4.3
SE	.4	1.1	1.3	1.4	.7	.4	.7	.1				8.7
SSE	.7	.4	1.5	1.7	2.4	.7	.4					11.1
S	.4	1.4	1.7	1.7	1.1	1.5	.6					7.8
SSW	.4	.7	.7	.7		.1	.1					2.4
SW	.4	.1	.1	.1			.1					1.8
WSW		.1		.1	.1	.1						.7
W	.1	.1	.1	.3	.1							.7
WNW	.4	.3	.7			.1						1.2
NW	.4	.6	2.7	1.7	.4	.3						6.7
NNW	.4	.1	1.7	1.1	.4	.4	.4					7.1
VARBL												
CALM												11.2
	7.4	7.1	15.5	14.7	14.4	17.1	7.4	3.1	.4			100.0

TOTAL NUMBER OF OBSERVATIONS _____

JOINT CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIN

STATION 1 NAME MAN OF AFS 44 YEARS 77-84

INSTRUMENT CIG LOG TO 1400 FT 2/ VSBY 1/2 MI OR MORE

CLASS ANY/0M VSBY 1/2 TO 2-1/2 MI 2/016 200 FT OR MORE

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.1	.1	2.1	2.6	2.1	1.5	.5	.2	.1	.1		11.7
NNE	.1	.1	2.1	4.6	7.5	3.3	1.5	.2	.1	.1		17.3
NE	.1	.4	.1	1.1	.5	.4	.4	.7	.1	.1		3.2
ENE	.1	.2	.4	.5	.4	.3	.1	.1				1.2
E	.1	.3	.5	1.2	.9	.4	.1	.2				3.5
ESE	.1	.2	.4	1.7	.7	.4	.1	.2				3.5
SE	.1	.4	.1	1.5	.8	.4	.2	.1				4.4
SSE	.1	.1	.9	2.7	1.4	.5	.2	.1	.1	.1		5.2
S	.1	1.9	7.2	4.8	2.4	1.5	.2	.1	.1	.1		14.1
SSW	.1	1.4	3.2	2.7	.9	.3	.1	.2		.1		2.2
SW	.1	1.4	1.1	1.7	.3	.1	.2	.2				3.5
WSW	.4	.1	.2	.5	.1	.1						1.7
W	.4	1.2	.9	.3	.1	.2						3.1
WNW	.1	.4	.4	.1	.1	.1						1.3
NW	.1	.1	.7	.3	.2	.2	.1	.1	.1			2.6
NNW	.1	.5	.1	.4	.2	.1	.1	.1				2.1
VARBL												
CALM												
	1.4	12.2	19.1	25.6	14.9	9.2	3.5	1.5	.2	.1	.1	100.0

TOTAL NUMBER OF OBSERVATIONS

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥ 10 mi visibility category should be used with great caution.

(Continued on Reverse Side)

✓

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100					95.4		96.9			98.3						100.0
≥ 0																

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

✓

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.8	39.6	41.1	41.6	42.4	42.4	42.8	43.0	43.0	43.9	43.9	43.9	44.2	44.2	45.0	45.0
GE 20000	38.2	41.0	42.5	43.0	43.8	43.8	44.2	44.4	44.4	45.3	45.3	45.3	45.6	45.6	46.4	46.4
GE 18000	38.7	41.4	43.0	43.0	44.4	44.4	44.8	45.0	45.0	45.9	45.9	45.9	46.2	46.2	47.0	47.0
GE 16000	39.1	41.9	43.5	44.1	44.8	44.8	45.3	45.5	45.5	46.4	46.4	46.4	46.7	46.7	47.5	47.5
GE 14000	39.3	42.1	43.6	44.2	45.0	45.0	45.5	45.6	45.6	46.5	46.5	46.5	46.8	47.0	47.8	47.8
GE 12000	39.6	42.4	43.9	44.5	45.3	45.3	45.8	45.9	45.9	46.8	46.8	46.8	47.1	47.3	48.1	48.1
GE 10000	39.8	42.5	44.1	44.7	45.5	45.5	45.9	46.1	46.1	47.0	47.0	47.0	47.3	47.5	48.2	48.2
GE 9000	39.8	42.5	44.1	44.7	45.5	45.5	45.9	46.1	46.1	47.0	47.0	47.0	47.3	47.5	48.2	48.2
GE 8000	40.4	43.6	45.1	45.8	46.5	46.5	47.0	47.1	47.1	48.1	48.1	48.1	48.4	48.5	49.3	49.3
GE 7000	42.1	45.3	46.8	47.6	48.5	48.5	49.2	49.3	49.3	50.2	50.2	50.2	50.5	50.7	51.5	51.5
GE 6000	42.5	45.9	47.8	48.5	49.5	49.5	50.1	50.2	50.2	51.2	51.2	51.2	51.5	51.6	52.4	52.4
GE 5000	43.0	46.4	48.4	49.3	50.2	50.2	50.8	51.0	51.0	51.9	51.9	51.9	52.2	52.4	53.2	53.2
GE 4500	44.1	47.5	49.5	50.4	51.3	51.3	51.9	52.1	52.1	53.0	53.3	53.3	53.6	53.9	54.7	54.7
GE 4000	44.8	48.2	50.2	51.2	52.2	52.2	52.9	53.0	53.0	53.9	54.4	54.4	54.7	55.0	55.8	55.8
GE 3500	46.5	50.1	52.2	53.8	55.2	55.2	55.8	55.9	55.9	56.9	57.3	57.3	57.8	58.1	58.9	58.9
GE 3000	48.5	52.1	54.4	55.9	57.3	57.3	57.9	58.1	58.1	59.0	59.5	59.5	59.9	60.2	61.0	61.0
GE 2500	50.5	54.4	56.9	58.6	60.1	60.1	60.9	61.0	61.0	61.9	62.4	62.4	62.9	63.2	63.9	63.9
GE 2000	51.8	56.1	59.2	60.9	62.4	62.4	63.2	63.3	63.3	64.3	64.7	64.7	65.5	65.8	66.6	66.6
GE 1800	52.4	57.0	60.2	62.1	63.8	63.8	64.6	64.7	64.7	65.6	66.1	66.1	66.9	67.3	68.1	68.1
GE 1500	54.4	59.9	63.3	65.2	67.2	67.2	68.0	68.1	68.1	69.0	69.5	69.5	70.3	70.7	71.5	71.5
GE 1200	56.2	62.7	66.4	68.4	71.3	71.3	72.1	72.3	72.3	73.3	74.4	74.7	76.0	76.6	77.3	77.3
GE 1000	56.7	63.6	67.3	69.5	72.7	72.7	73.8	74.6	74.6	75.7	76.7	77.2	78.4	79.0	79.8	79.8
GE 900	57.0	64.4	68.1	70.4	73.7	73.7	74.9	76.1	76.1	77.2	78.3	78.7	80.0	80.6	81.4	81.4
GE 800	57.2	64.9	68.6	71.0	74.4	74.4	76.3	77.8	78.0	79.2	80.6	81.0	82.3	82.9	83.7	83.7
GE 700	57.3	65.3	69.2	71.8	75.5	75.5	77.7	79.8	80.0	81.2	83.1	83.5	84.7	85.4	86.1	86.1
GE 600	57.9	66.1	70.0	72.7	77.2	77.2	79.4	82.3	82.4	83.7	85.5	86.0	87.2	87.8	88.6	88.6
GE 500	58.2	66.6	70.6	73.5	78.9	79.4	81.5	84.4	84.6	85.8	87.7	88.1	89.4	90.0	90.8	90.8
GE 400	58.2	66.7	70.7	73.7	79.0	79.8	82.0	85.4	85.5	86.9	89.7	90.1	92.3	92.9	94.3	94.5
GE 300	58.2	66.7	70.7	73.7	79.0	79.8	82.1	85.5	85.7	87.4	90.1	90.6	92.8	93.4	94.8	95.7
GE 200	58.2	66.7	70.7	73.7	79.0	79.8	82.1	85.5	85.7	87.4	90.4	90.9	93.8	94.5	95.8	96.9
GE 100	58.2	66.7	70.7	73.7	79.0	79.8	82.1	85.5	85.7	87.4	90.4	90.9	94.3	94.9	96.3	98.5
GE 0	58.2	66.7	70.7	73.7	79.0	79.8	82.1	85.5	85.7	87.4	90.4	90.9	94.8	95.4	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(1ST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	36.8	40.7	43.5	44.0	44.4	44.4	45.0	45.2	45.2	45.8	46.3	46.3	46.9	46.9	46.9	47.1	
GE 20000	37.3	41.2	44.1	44.6	45.0	45.0	45.7	45.8	45.8	46.4	46.9	46.9	47.5	47.5	47.5	47.7	
GE 18000	37.6	41.5	44.4	44.9	45.4	45.4	46.0	46.1	46.1	46.7	47.2	47.2	47.8	47.8	47.8	48.0	
GE 16000	38.2	42.1	45.0	45.5	46.0	46.0	46.6	46.7	46.7	47.4	47.8	47.8	48.5	48.5	48.5	48.6	
GE 14000	38.5	42.4	45.4	45.8	46.3	46.3	46.9	47.1	47.1	47.7	48.1	48.1	48.8	48.8	48.8	48.9	
GE 12000	38.7	42.6	45.5	46.0	46.4	46.4	47.1	47.2	47.2	47.8	48.3	48.3	48.9	48.9	48.9	49.1	
GE 10000	39.2	43.0	46.0	46.4	46.9	46.9	47.5	47.7	47.7	48.3	48.8	48.8	49.4	49.4	49.4	49.5	
GE 9000	39.3	43.3	46.3	46.7	47.4	47.4	48.0	48.1	48.1	48.9	49.4	49.4	50.0	50.0	50.0	50.2	
GE 8000	40.1	44.6	47.5	48.0	48.6	48.6	49.2	49.4	49.4	50.2	50.6	50.6	51.2	51.2	51.2	51.4	
GE 7000	40.9	45.8	48.8	49.5	50.2	50.2	51.1	51.2	51.2	52.0	52.5	52.5	53.1	53.1	53.1	53.3	
GE 6000	41.6	46.7	49.7	50.5	51.1	51.1	52.0	52.2	52.2	52.9	53.4	53.4	54.0	54.0	54.0	54.2	
GE 5000	43.3	48.5	51.4	52.2	52.8	52.8	53.7	53.9	53.9	54.6	55.4	55.4	56.0	56.0	56.0	56.2	
GE 4500	44.3	49.4	52.3	53.1	53.7	53.7	54.6	54.8	54.8	55.6	56.3	56.3	57.0	57.0	57.0	57.1	
GE 4000	45.7	51.1	54.0	54.8	55.4	55.4	56.3	56.5	56.5	57.3	58.0	58.0	58.7	58.7	58.7	58.8	
GE 3500	47.2	52.6	55.6	56.3	57.0	57.0	57.9	58.0	58.0	58.8	59.6	59.6	60.2	60.2	60.2	60.4	
GE 3000	48.5	54.5	57.9	59.1	60.1	60.1	61.0	61.1	61.1	61.9	62.7	62.7	63.3	63.3	63.3	63.5	
GE 2500	49.5	56.3	59.9	61.3	62.2	62.2	63.2	63.3	63.3	64.1	64.9	64.9	65.5	65.5	65.5	65.6	
GE 2000	50.9	58.4	63.0	64.6	65.8	65.8	67.0	67.2	67.2	68.0	68.7	68.7	69.3	69.3	69.3	69.7	
GE 1800	52.3	59.9	64.9	66.6	68.1	68.1	69.3	69.5	69.5	70.3	71.1	71.1	71.7	71.7	71.7	72.0	
GE 1500	53.4	61.1	66.4	68.6	70.3	70.3	71.8	72.0	72.0	72.8	73.5	73.5	74.1	74.1	74.1	74.5	
GE 1200	54.8	63.6	69.2	71.8	74.8	74.8	76.3	76.5	76.5	77.4	78.5	78.5	79.1	79.1	79.1	79.4	
GE 1000	55.3	64.1	70.0	72.6	76.3	76.3	77.9	78.3	78.3	79.3	80.3	80.3	81.0	81.0	81.0	81.3	
GE 900	55.3	64.6	70.4	73.1	76.9	77.1	78.6	79.4	79.4	80.3	81.4	81.4	82.0	82.0	82.0	82.4	
GE 800	55.3	64.9	71.4	74.0	78.6	78.8	80.7	81.4	81.4	82.4	83.6	83.6	84.4	84.4	84.4	84.7	
GE 700	55.4	65.3	72.0	74.6	79.6	79.7	81.6	82.4	82.4	83.3	84.5	84.5	85.3	85.3	85.3	85.6	
GE 600	56.2	66.6	73.4	76.2	81.3	81.4	83.4	84.7	84.7	85.6	87.2	87.2	88.4	88.5	88.5	88.9	
GE 500	56.7	67.2	74.1	76.9	82.5	82.7	85.0	86.2	86.2	87.3	88.9	88.9	90.1	90.2	90.2	90.6	
GE 400	56.7	67.2	74.1	76.9	82.5	82.7	85.1	87.2	87.2	88.2	90.2	90.7	92.4	92.6	93.3	94.1	
GE 300	56.7	67.2	74.1	76.9	82.5	82.7	85.1	87.2	87.2	88.7	91.5	92.0	94.0	94.1	95.0	96.0	
GE 200	56.7	67.2	74.1	76.9	82.5	82.7	85.1	87.3	87.3	88.9	91.8	92.3	94.3	94.4	95.5	96.7	
GE 100	56.7	67.2	74.1	76.9	82.5	82.7	85.1	87.3	87.3	88.9	91.8	92.3	94.4	94.6	96.0	98.3	
GE 0	56.7	67.2	74.1	76.9	82.5	82.7	85.1	87.3	87.3	88.9	91.8	92.6	94.9	95.0	96.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.6	38.6	39.5	40.5	40.9	41.2	41.7	41.8	41.8	42.2	42.6	42.6	43.1	43.1	43.1	43.1
GE 20000	35.1	39.1	40.0	40.9	41.4	41.7	42.2	42.3	42.3	42.6	43.1	43.1	43.5	43.5	43.5	43.5
GE 18000	35.5	39.5	40.6	41.5	42.0	42.3	42.8	42.9	42.9	43.2	43.7	43.7	44.2	44.2	44.2	44.2
GE 16000	36.0	40.0	41.1	42.0	42.6	42.9	43.4	43.5	43.5	43.8	44.3	44.3	44.8	44.8	44.8	44.8
GE 14000	36.0	40.0	41.1	42.0	42.6	42.9	43.4	43.5	43.5	43.8	44.3	44.3	44.9	44.9	44.9	44.9
GE 12000	36.2	40.2	41.2	42.2	42.8	43.1	43.5	43.7	43.7	44.0	44.5	44.5	45.1	45.1	45.1	45.1
GE 10000	37.1	41.1	42.2	43.1	43.7	44.0	44.5	44.6	44.6	44.9	45.4	45.4	46.0	46.0	46.0	46.0
GE 9000	37.5	41.7	42.8	43.7	44.3	44.6	45.1	45.2	45.2	45.5	46.0	46.0	46.6	46.6	46.6	46.6
GE 8000	38.0	42.9	44.2	45.2	45.8	46.2	46.6	46.8	46.8	47.1	47.5	47.5	48.2	48.2	48.2	48.2
GE 7000	39.7	44.6	46.0	47.2	48.0	48.3	48.8	48.9	48.9	49.2	49.7	49.7	50.3	50.3	50.3	50.3
GE 6000	40.6	45.8	47.2	48.5	49.2	49.5	50.0	50.2	50.2	50.5	50.9	50.9	51.5	51.5	51.5	51.5
GE 5000	41.8	47.1	48.6	49.8	50.6	50.9	51.4	51.5	51.5	51.8	52.3	52.3	52.9	52.9	52.9	52.9
GE 4500	43.8	49.2	50.8	52.0	52.8	53.1	53.5	53.7	53.7	54.0	54.5	54.5	55.1	55.1	55.1	55.1
GE 4000	46.2	51.8	53.4	54.6	55.4	55.7	56.2	56.3	56.3	56.6	57.1	57.1	57.7	57.7	57.7	57.7
GE 3500	49.1	54.9	56.5	57.8	58.8	59.1	59.5	59.7	59.7	60.0	60.5	60.5	61.1	61.1	61.1	61.1
GE 3000	50.3	56.5	58.2	59.5	60.8	61.1	61.5	61.7	61.7	62.0	62.5	62.5	63.1	63.1	63.1	63.1
GE 2500	51.7	58.3	60.0	61.4	62.8	63.1	63.7	63.8	63.8	64.3	64.8	64.8	65.4	65.4	65.4	65.4
GE 2000	53.8	60.9	62.6	64.2	66.2	66.5	67.2	67.4	67.4	67.8	68.3	68.3	68.9	68.9	69.2	69.4
GE 1800	54.3	62.0	63.8	65.4	67.7	68.0	68.8	68.9	68.9	69.4	69.8	69.8	70.5	70.5	70.8	70.9
GE 1500	55.4	63.2	65.8	67.4	70.5	70.8	72.0	72.2	72.2	72.6	73.1	73.1	73.7	73.7	74.0	74.2
GE 1200	56.6	65.1	68.8	71.1	75.5	75.8	77.4	77.7	77.7	78.8	79.8	79.8	80.5	80.5	80.8	80.9
GE 1000	56.6	65.4	69.2	71.5	76.5	76.8	78.3	78.6	78.6	80.2	81.2	81.2	81.8	81.8	82.2	82.3
GE 900	56.8	66.0	69.8	72.2	77.1	77.4	79.4	79.7	79.7	81.2	82.3	82.3	82.9	82.9	83.2	83.4
GE 800	57.2	66.5	70.6	72.9	78.0	78.6	80.6	80.9	80.9	82.5	83.5	83.5	84.3	84.3	84.6	84.8
GE 700	57.2	66.9	71.4	73.8	79.2	79.8	82.5	82.8	82.8	84.5	85.7	85.7	86.5	86.5	86.8	86.9
GE 600	58.5	68.3	73.1	75.5	81.2	81.8	84.5	84.9	84.9	86.6	87.8	87.8	88.9	88.9	89.2	89.4
GE 500	58.8	68.6	73.7	76.3	82.2	82.8	85.4	86.0	86.0	88.0	89.8	89.8	90.9	90.9	91.2	91.4
GE 400	58.8	68.6	73.7	76.3	82.2	82.8	85.5	86.8	86.8	88.9	92.0	92.0	93.4	93.4	93.8	94.3
GE 300	58.8	68.6	73.7	76.3	82.5	83.1	85.8	87.1	87.1	89.4	92.5	92.5	94.5	94.5	95.5	96.3
GE 200	58.8	68.6	73.7	76.3	82.5	83.1	85.8	87.1	87.1	89.5	92.8	92.8	94.9	94.9	96.0	97.1
GE 100	58.8	68.6	73.7	76.3	82.5	83.1	85.8	87.1	87.1	89.5	92.8	92.8	94.9	94.9	96.3	98.6
GE 0	58.8	68.6	73.7	76.3	82.5	83.1	85.8	87.1	87.1	89.5	92.8	92.8	94.9	94.9	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70212D STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.0	34.9	36.3	36.7	36.9	37.3	38.4	38.6	38.6	39.0	39.5	39.5	39.8	39.8	39.9	39.9
GE 20000	31.2	35.0	36.4	36.9	37.0	37.5	38.6	38.7	38.7	39.2	39.6	39.6	39.9	39.9	40.1	40.1
GE 18000	32.0	35.9	37.5	37.9	38.1	38.6	39.6	39.8	39.8	40.4	40.9	40.9	41.2	41.2	41.3	41.3
GE 16000	32.6	36.7	38.2	38.7	38.9	39.3	40.4	40.6	40.6	41.2	41.6	41.6	41.9	41.9	42.1	42.1
GE 14000	32.6	36.7	38.2	38.7	38.9	39.3	40.4	40.6	40.6	41.2	41.6	41.6	41.9	41.9	42.1	42.1
GE 12000	32.6	36.7	38.2	38.7	38.9	39.3	40.4	40.6	40.6	41.2	41.6	41.6	41.9	41.9	42.1	42.1
GE 10000	32.9	37.0	38.6	39.0	39.2	39.6	40.7	40.9	40.9	41.5	41.9	41.9	42.2	42.2	42.4	42.4
GE 9000	33.0	37.2	38.7	39.2	39.3	39.8	40.9	41.0	41.0	41.6	42.1	42.1	42.4	42.4	42.5	42.5
GE 8000	33.6	38.4	39.9	40.4	40.6	41.0	42.1	42.2	42.2	42.9	43.3	43.3	43.6	43.6	43.8	43.8
GE 7000	35.0	39.9	41.5	41.9	42.1	42.5	43.6	43.8	43.8	44.4	45.0	45.0	45.3	45.3	45.5	45.5
GE 6000	35.8	40.7	42.2	42.7	42.9	43.3	44.4	44.5	44.5	45.3	45.9	45.9	46.2	46.2	46.4	46.4
GE 5000	36.3	41.3	43.2	43.6	43.8	44.2	45.3	45.5	45.5	46.2	46.9	46.9	47.2	47.2	47.3	47.3
GE 4500	38.2	43.3	45.2	45.6	45.8	46.2	47.3	47.5	47.5	48.2	48.8	48.8	49.2	49.2	49.3	49.3
GE 4000	39.9	45.5	47.3	47.8	47.9	48.4	49.6	49.8	49.8	50.5	51.2	51.2	51.5	51.5	51.6	51.6
GE 3500	43.3	49.2	51.2	51.6	52.8	53.3	54.5	54.7	54.7	55.5	56.1	56.1	56.4	56.4	56.7	56.7
GE 3000	44.5	50.4	52.4	52.8	54.2	54.7	55.9	56.1	56.1	57.1	57.8	57.8	58.1	58.1	58.4	58.4
GE 2500	45.5	51.8	54.2	54.7	56.4	56.8	58.1	58.2	58.2	59.3	59.9	59.9	60.2	60.2	60.5	60.5
GE 2000	46.9	54.5	57.3	58.5	60.4	60.8	62.1	62.2	62.2	63.3	64.2	64.2	64.5	64.5	65.0	65.0
GE 1800	47.3	55.3	58.4	59.6	61.4	61.9	63.1	63.3	63.3	64.4	65.4	65.4	65.7	65.7	66.2	66.2
GE 1500	48.2	56.8	60.4	61.6	64.1	64.5	65.7	65.9	65.9	67.0	68.0	68.0	68.4	68.5	69.0	69.1
GE 1200	50.7	60.5	64.7	66.4	69.4	69.9	71.1	71.3	71.4	73.0	74.3	74.3	74.8	75.0	75.4	75.7
GE 1000	51.3	61.8	66.1	67.9	71.4	71.9	73.1	73.3	73.4	75.1	76.5	76.5	77.0	77.1	77.6	77.9
GE 900	51.6	62.4	66.7	68.7	72.4	73.0	74.5	74.7	74.8	76.5	77.9	77.9	78.3	78.5	79.0	79.3
GE 800	52.5	63.6	68.2	70.4	74.3	75.1	76.7	77.1	77.3	79.1	80.5	80.5	81.0	81.1	81.6	81.9
GE 700	52.7	64.1	69.0	71.3	75.3	76.0	77.7	78.2	78.3	80.3	81.9	81.9	82.3	82.5	82.9	83.3
GE 600	53.5	65.3	70.2	72.5	76.5	77.4	79.1	79.9	80.2	82.3	84.3	84.5	84.9	85.1	85.6	85.9
GE 500	53.6	65.6	70.7	73.0	77.7	78.6	80.3	81.1	81.4	83.9	86.9	87.1	87.6	87.7	88.2	88.5
GE 400	53.6	66.2	71.3	73.6	79.0	79.9	81.6	82.3	82.6	85.6	89.1	89.2	89.9	90.0	90.5	90.8
GE 300	53.6	66.2	71.3	73.7	79.1	80.0	81.7	82.8	83.1	86.5	90.5	90.6	92.0	92.2	93.2	93.5
GE 200	53.6	66.2	71.3	73.7	79.1	80.0	81.7	82.8	83.1	86.5	91.1	91.2	92.9	93.1	94.8	95.9
GE 100	53.6	66.2	71.3	73.7	79.1	80.0	81.7	82.8	83.1	86.6	91.4	91.7	93.7	93.9	95.9	98.2
GE 0	53.6	66.2	71.3	73.7	79.1	80.0	81.7	82.8	83.1	86.6	91.4	91.7	93.9	94.2	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.7	26.4	26.9	27.2	28.4	28.6	29.3	29.6	29.6	30.6	30.9	31.0	31.8	31.8	32.6	32.7	
GE 20000	26.1	27.8	28.3	28.6	29.8	31.2	31.3	32.1	32.6	32.6	32.3	32.4	33.2	33.2	33.9	34.1	
GE 18000	27.2	28.9	29.5	29.8	31.2	31.3	32.1	32.6	32.6	33.5	33.8	33.9	35.2	35.2	35.9	36.1	
GE 16000	27.6	29.5	30.1	30.4	31.8	32.0	32.7	33.2	33.2	34.1	34.4	34.6	35.8	35.8	36.6	36.7	
GE 14000	27.6	29.5	30.1	30.4	31.8	32.0	32.7	33.2	33.2	34.1	34.4	34.6	35.8	35.8	36.6	36.7	
GE 12000	28.9	30.7	31.3	31.6	33.0	33.2	33.9	34.4	34.4	35.3	35.6	35.8	37.0	37.0	37.8	37.9	
GE 10000	29.2	31.0	31.6	32.0	33.3	33.5	34.3	34.7	34.7	35.6	35.9	36.1	37.3	37.3	38.1	38.2	
GE 9000	29.3	31.3	32.1	32.4	33.8	33.9	34.7	35.2	35.2	36.1	36.4	36.6	37.9	37.9	38.7	38.9	
GE 8000	30.6	32.6	33.3	33.6	35.2	35.3	36.1	36.6	36.6	37.5	37.8	37.9	39.3	39.3	40.1	40.2	
GE 7000	32.3	34.7	35.8	36.1	37.6	37.8	38.6	39.0	39.0	39.9	40.2	40.4	41.8	41.8	42.5	42.7	
GE 6000	33.2	35.6	36.7	37.0	38.6	38.7	39.5	39.9	39.9	40.9	41.2	41.3	42.7	42.7	43.5	43.6	
GE 5000	34.4	36.9	37.9	38.2	39.8	39.9	40.7	41.2	41.2	42.1	42.4	42.5	43.9	43.9	44.7	44.9	
GE 4500	35.6	38.2	39.3	39.6	41.2	41.3	42.1	42.5	42.5	43.5	43.8	43.9	45.5	45.5	46.5	46.7	
GE 4000	37.9	40.9	41.9	42.2	43.9	44.4	45.3	45.8	45.8	47.0	47.3	47.5	49.0	49.0	50.1	50.2	
GE 3500	41.8	45.3	46.5	46.9	49.0	49.5	50.4	50.8	50.8	52.1	52.4	52.5	54.2	54.2	55.6	56.1	
GE 3000	43.3	47.2	48.5	48.8	51.0	51.5	52.4	52.8	52.8	54.2	54.5	54.7	56.4	56.4	57.8	58.2	
GE 2500	46.2	50.5	52.2	52.5	54.7	55.1	56.1	56.5	56.5	57.9	58.2	58.4	60.1	60.1	61.4	61.9	
GE 2000	48.2	53.5	55.6	55.9	58.7	59.1	60.1	60.5	60.5	61.9	62.2	62.4	64.1	64.1	65.4	65.9	
GE 1800	48.7	53.9	56.2	56.5	59.4	59.9	60.8	61.3	61.3	62.7	63.0	63.1	64.8	64.8	66.2	66.7	
GE 1500	50.4	56.4	59.1	59.6	62.7	63.1	64.2	64.8	64.8	66.2	66.7	66.8	68.5	68.5	69.9	70.4	
GE 1200	51.6	57.8	60.8	61.3	64.8	65.3	66.4	67.6	67.7	69.4	69.9	70.0	71.7	71.7	73.1	73.6	
GE 1000	52.5	59.3	62.4	62.8	66.5	67.0	68.4	69.6	69.9	71.9	72.5	72.7	74.3	74.3	75.7	76.2	
GE 900	53.3	60.5	63.6	64.2	67.9	68.5	69.9	71.3	71.6	73.9	74.8	75.0	76.7	76.7	78.0	78.6	
GE 800	53.3	60.8	63.9	64.5	68.2	68.8	70.2	71.7	72.0	74.5	75.6	75.7	77.4	77.4	78.8	79.4	
GE 700	53.3	61.0	64.1	64.7	68.4	69.0	70.4	72.0	72.4	74.8	75.9	76.0	77.9	77.9	79.3	80.0	
GE 600	53.8	62.2	65.4	66.2	70.5	71.1	72.5	74.3	74.7	77.9	79.1	79.3	81.1	81.1	82.5	83.7	
GE 500	53.9	63.0	66.4	67.1	71.9	72.5	73.9	76.2	76.5	80.3	81.7	81.9	83.7	83.7	85.1	86.3	
GE 400	53.9	63.1	66.8	67.6	72.5	73.1	74.8	77.6	77.9	81.9	84.6	84.8	86.6	86.6	88.0	89.2	
GE 300	53.9	63.1	66.8	67.6	72.5	73.1	74.8	77.6	77.9	82.2	86.5	86.6	89.2	89.2	91.1	92.3	
GE 200	53.9	63.1	66.8	67.7	72.7	73.3	75.3	78.0	78.3	82.8	87.9	88.0	91.1	91.1	92.9	94.8	
GE 100	53.9	63.1	66.8	67.7	72.7	73.3	75.3	78.0	78.3	82.9	88.3	88.5	91.6	91.6	94.0	96.9	
GE 0	53.9	63.1	66.8	67.7	72.7	73.3	75.3	78.0	78.3	82.9	88.5	88.6	91.9	92.2	95.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.4	27.5	28.1	28.3	29.5	29.5	30.4	30.7	30.7	31.6	31.6	31.6	32.1	32.1	32.4	32.4
GE 20000	28.1	29.2	29.8	30.0	31.2	31.2	32.1	32.4	32.4	33.3	33.3	33.3	33.8	33.8	34.1	34.1
GE 18000	30.3	31.3	32.0	32.1	33.3	33.3	34.3	34.6	34.6	35.5	35.5	35.5	36.1	36.1	36.4	36.6
GE 16000	31.0	32.1	32.7	32.9	34.1	34.1	35.0	35.3	35.3	36.3	36.3	36.3	36.9	37.0	37.3	37.6
GE 14000	32.3	33.5	34.1	34.3	35.5	35.5	36.4	36.7	36.7	37.6	37.6	37.6	38.2	38.4	38.7	39.0
GE 12000	33.6	35.2	35.8	35.9	37.3	37.3	38.2	38.6	38.6	39.6	39.6	39.6	40.2	40.4	40.7	41.0
GE 10000	34.1	35.6	36.3	36.4	37.8	37.8	38.7	39.0	39.0	40.1	40.1	40.1	40.7	40.9	41.2	41.5
GE 9000	34.6	36.1	36.7	36.9	38.4	38.4	39.3	39.6	39.6	40.7	41.0	41.0	41.6	41.8	42.1	42.4
GE 8000	35.6	37.3	37.9	38.4	39.9	39.9	40.9	41.2	41.2	42.2	42.7	42.7	43.5	43.6	43.9	44.2
GE 7000	37.5	39.3	39.9	40.4	42.1	42.1	43.0	43.3	43.3	44.4	44.9	44.9	45.6	45.8	46.1	46.4
GE 6000	37.8	39.8	40.4	41.2	42.9	42.9	43.9	44.2	44.2	45.3	45.8	45.8	46.5	46.7	47.0	47.3
GE 5000	39.6	41.6	42.2	43.0	44.7	44.7	45.8	46.1	46.1	47.2	47.6	47.6	48.4	48.5	48.8	49.2
GE 4500	40.4	42.7	43.5	44.2	45.9	45.9	47.0	47.3	47.3	48.4	48.8	48.8	49.6	49.8	50.1	50.4
GE 4000	43.0	45.3	46.1	46.9	48.7	48.7	49.9	50.2	50.2	51.3	51.8	51.8	52.7	52.8	53.1	53.5
GE 3500	45.3	48.4	49.6	50.5	52.7	52.7	53.9	54.2	54.2	55.3	55.9	55.9	57.1	57.3	57.9	58.5
GE 3000	45.9	49.2	50.4	51.5	53.6	53.6	55.3	55.6	55.6	56.7	57.3	57.3	58.5	58.7	59.3	60.1
GE 2500	47.9	51.6	52.8	54.1	56.4	56.4	58.1	58.4	58.4	59.4	60.1	60.1	61.4	61.6	62.2	63.0
GE 2000	51.0	55.5	57.3	58.8	61.1	61.1	62.8	63.3	63.3	64.4	65.0	65.0	66.4	66.5	67.1	67.9
GE 1800	51.2	55.8	57.6	59.1	61.4	61.4	63.1	63.6	63.6	64.7	65.3	65.3	66.7	66.8	67.4	68.2
GE 1500	51.8	56.8	58.8	60.7	63.3	63.3	65.0	65.4	65.4	66.8	67.4	67.4	68.8	69.0	69.6	70.4
GE 1200	53.1	59.0	61.1	63.1	65.9	65.9	67.6	68.0	68.2	69.9	70.5	70.5	71.9	72.0	72.7	73.4
GE 1000	54.4	60.4	62.5	64.8	67.9	67.9	69.6	70.0	70.2	72.0	72.7	72.7	74.0	74.2	74.8	75.6
GE 900	55.0	61.0	63.3	65.6	68.8	68.8	70.7	71.4	71.6	73.7	74.7	74.7	76.0	76.2	76.8	77.6
GE 800	55.1	61.3	63.6	65.9	69.1	69.1	71.0	72.0	72.2	74.3	75.4	75.4	76.8	77.0	77.6	78.3
GE 700	55.1	61.3	63.6	65.9	69.4	69.4	71.3	72.7	72.8	75.4	76.5	76.5	78.0	78.2	78.8	79.7
GE 600	55.3	61.9	64.8	67.1	71.4	71.4	74.0	76.2	76.3	79.4	81.4	81.6	83.4	83.7	84.5	85.4
GE 500	55.8	62.4	65.3	67.9	72.5	72.7	75.3	78.0	78.2	81.4	83.7	84.0	85.9	86.2	86.9	87.9
GE 400	55.9	62.7	65.7	68.4	73.0	73.1	75.9	78.6	79.1	82.6	86.0	86.3	88.6	88.9	89.7	90.6
GE 300	55.9	62.7	65.7	68.4	73.0	73.1	75.9	78.6	79.3	83.6	87.3	87.6	90.2	90.6	92.0	93.1
GE 200	55.9	62.8	65.9	68.5	73.1	73.3	76.0	78.8	79.4	83.7	87.9	88.3	91.7	92.2	93.5	95.1
GE 100	55.9	62.8	65.9	68.5	73.1	73.3	76.2	79.0	79.6	84.0	88.6	89.1	92.8	93.2	94.9	97.1
GE 0	55.9	62.8	65.9	68.5	73.1	73.3	76.2	79.0	79.6	84.0	88.6	89.1	92.8	93.2	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.6	29.3	30.1	30.1	30.4	30.4	31.5	31.6	31.6	31.6	32.0	32.0	32.4	32.6	33.3	33.3
GE 20000	29.2	31.0	31.8	31.8	32.1	32.1	33.2	33.3	33.3	33.3	33.6	33.6	34.1	34.3	35.0	35.0
GE 18000	30.6	32.4	33.2	33.2	33.5	33.5	34.6	34.7	34.7	34.7	35.0	35.0	35.5	35.6	36.4	36.4
GE 16000	31.3	33.2	33.9	33.9	34.3	34.3	35.3	35.5	35.5	35.5	35.8	35.8	36.3	36.4	37.2	37.2
GE 14000	32.0	33.8	34.6	34.6	35.0	35.0	36.1	36.3	36.3	36.3	36.6	36.6	37.0	37.2	37.9	37.9
GE 12000	33.0	35.2	35.9	35.9	36.4	36.4	37.5	37.6	37.6	37.6	38.1	38.1	38.6	38.7	39.5	39.5
GE 10000	33.5	35.9	36.7	36.9	37.3	37.3	38.4	38.6	38.6	38.7	39.0	39.0	39.5	39.6	40.4	40.4
GE 9000	34.1	36.6	37.5	37.6	38.1	38.1	39.2	39.3	39.3	39.5	39.8	39.8	40.2	40.4	41.2	41.2
GE 8000	35.2	38.9	39.8	39.9	40.4	40.4	41.5	41.6	41.6	41.8	42.1	42.1	42.5	42.7	43.5	43.5
GE 7000	37.8	41.6	42.5	42.7	43.2	43.2	44.2	44.4	44.4	44.5	44.9	44.9	45.3	45.5	46.4	46.7
GE 6000	39.0	42.9	43.9	44.2	44.9	44.9	45.9	46.1	46.1	46.2	46.5	46.5	47.0	47.2	48.1	48.4
GE 5000	40.2	44.4	45.5	45.8	46.4	46.4	47.5	47.6	47.6	47.8	48.1	48.1	48.5	48.7	49.6	49.9
GE 4500	40.6	44.9	45.9	46.2	46.9	46.9	47.9	48.1	48.1	48.2	48.5	48.5	49.0	49.2	50.1	50.4
GE 4000	42.7	47.6	48.7	49.2	49.9	49.9	51.2	51.3	51.3	51.5	52.1	52.1	52.5	52.7	53.6	53.9
GE 3500	44.5	50.4	51.8	52.2	53.5	53.5	54.7	54.8	54.8	55.0	55.9	55.9	57.0	57.1	58.1	58.4
GE 3000	46.4	52.7	54.2	54.8	56.2	56.2	57.8	57.9	57.9	58.1	59.0	59.0	60.1	60.2	61.1	61.4
GE 2500	47.8	54.7	56.4	57.0	58.4	58.5	60.4	60.5	60.5	60.7	61.9	61.9	63.0	63.1	64.1	64.4
GE 2000	48.4	56.1	57.8	58.7	60.5	60.7	62.5	62.7	62.7	62.8	64.2	64.2	65.3	65.4	66.4	66.7
GE 1800	48.5	56.4	58.1	59.0	60.8	61.0	62.8	63.1	63.1	63.3	64.7	64.7	65.7	65.9	66.8	67.1
GE 1500	49.0	57.5	59.1	60.1	62.4	62.5	64.7	65.1	65.1	65.3	66.7	66.7	67.7	67.9	68.8	69.1
GE 1200	49.9	58.7	60.5	61.6	64.8	65.1	67.6	68.0	68.2	68.4	70.0	70.0	71.1	71.3	72.2	72.5
GE 1000	51.0	60.1	62.4	63.4	67.3	67.6	70.0	70.7	70.8	71.0	72.8	72.8	74.2	74.3	75.3	75.6
GE 900	51.8	61.0	63.4	64.5	68.5	68.8	71.3	72.5	72.7	73.3	75.1	75.1	76.5	76.7	77.6	77.9
GE 800	51.9	61.1	63.9	65.0	69.0	69.4	71.9	73.3	73.4	74.2	76.7	76.7	78.0	78.2	79.1	79.7
GE 700	51.9	61.1	63.9	65.0	69.1	69.6	72.0	74.2	74.3	75.1	77.9	77.9	79.4	79.6	80.5	81.3
GE 600	51.9	61.6	64.5	65.7	70.5	71.1	73.6	76.0	76.2	77.9	80.8	80.8	82.3	82.6	84.0	84.8
GE 500	51.9	61.8	65.3	66.8	71.6	72.2	74.8	78.0	78.2	80.3	83.9	83.9	85.7	86.0	87.6	88.3
GE 400	51.9	61.8	65.3	66.8	71.7	72.8	75.4	78.8	79.0	81.7	86.0	86.2	88.5	88.8	90.3	91.2
GE 300	51.9	61.8	65.3	66.8	71.7	72.8	75.7	79.1	79.3	82.5	87.1	87.3	90.3	90.6	92.5	93.4
GE 200	51.9	61.8	65.3	66.8	71.7	72.8	75.7	79.1	79.3	82.5	87.1	87.3	91.4	91.7	94.3	95.7
GE 100	51.9	61.8	65.3	66.8	71.7	72.8	75.7	79.1	79.3	82.8	87.7	87.9	92.3	92.6	95.5	97.4
GE 0	51.9	61.8	65.3	66.8	71.7	72.8	75.7	79.1	79.3	82.8	88.0	88.3	92.9	93.2	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.3	33.6	34.9	34.9	35.8	35.8	36.4	36.4	36.4	36.6	37.3	37.3	37.9	37.9	38.4	38.7
GE 20000	34.1	35.5	36.7	36.7	37.6	37.6	38.2	38.2	38.2	38.4	39.2	39.2	39.8	39.8	40.2	40.6
GE 18000	35.6	37.3	38.7	38.7	39.6	39.6	40.2	40.2	40.2	40.4	41.2	41.3	41.9	41.9	42.4	42.7
GE 16000	36.4	38.2	39.6	39.6	40.6	40.6	41.2	41.2	41.2	41.3	42.1	42.2	42.9	42.9	43.3	43.6
GE 14000	36.9	38.7	40.1	40.2	41.2	41.2	41.8	41.8	41.8	41.9	42.7	42.9	43.6	43.6	44.1	44.4
GE 12000	37.3	39.2	40.6	40.7	41.6	41.6	42.2	42.2	42.2	42.4	43.2	43.3	44.1	44.1	44.5	44.9
GE 10000	37.3	39.5	40.9	41.0	41.9	41.9	42.5	42.5	42.5	42.7	43.5	43.6	44.4	44.4	44.9	45.2
GE 9000	37.5	39.8	41.2	41.3	42.2	42.2	42.9	42.9	42.9	43.0	43.8	43.9	44.7	44.7	45.2	45.5
GE 8000	37.9	40.7	42.1	42.4	43.3	43.3	43.9	43.9	43.9	44.1	44.9	45.0	45.8	45.8	46.2	46.5
GE 7000	40.2	43.2	44.5	44.9	45.9	45.9	46.5	46.5	46.5	46.7	47.5	47.6	48.4	48.4	48.8	49.2
GE 6000	40.7	43.9	45.3	45.8	46.9	46.9	47.5	47.5	47.5	47.6	48.4	48.5	49.3	49.3	49.8	50.1
GE 5000	41.6	45.0	46.4	46.9	47.9	47.9	48.5	48.5	48.5	48.7	49.6	49.8	50.5	50.5	51.0	51.3
GE 4500	43.3	46.9	48.4	48.8	49.9	49.9	50.5	50.5	50.5	50.7	51.6	51.8	52.7	52.7	53.1	53.5
GE 4000	45.5	49.3	51.0	51.5	52.5	52.5	53.1	53.1	53.1	53.3	54.4	54.7	55.8	55.8	56.2	56.5
GE 3500	46.5	50.8	52.6	53.9	55.3	55.3	55.9	55.9	55.9	56.1	57.1	57.5	59.1	59.1	59.9	60.2
GE 3000	48.7	53.3	55.6	56.7	58.1	58.1	58.7	58.7	58.7	59.0	60.1	60.4	62.1	62.1	62.8	63.1
GE 2500	49.9	55.5	57.8	58.8	60.4	60.4	61.0	61.0	61.1	61.4	62.5	62.8	64.5	64.5	65.3	65.6
GE 2000	51.8	58.1	60.5	61.8	63.7	63.7	64.4	64.4	64.5	64.8	66.1	66.4	68.0	68.0	68.8	69.1
GE 1800	52.8	59.1	61.6	62.8	64.8	64.8	65.9	65.9	66.1	66.4	67.6	67.9	69.6	69.6	70.4	70.7
GE 1500	53.8	60.7	63.4	64.8	67.3	67.3	68.4	68.5	68.7	69.0	70.2	70.5	72.2	72.5	73.3	73.6
GE 1200	54.7	62.2	65.0	66.4	69.4	69.6	70.8	71.0	71.1	71.7	73.0	73.7	75.4	75.7	76.5	77.0
GE 1000	55.0	62.5	65.9	67.6	70.8	71.0	72.2	72.8	73.0	73.6	74.8	75.6	77.4	78.0	78.8	79.3
GE 900	55.9	63.6	67.0	68.8	72.2	72.4	73.7	75.1	75.3	76.2	77.4	78.2	80.0	80.6	81.4	81.9
GE 800	55.9	63.7	67.4	69.3	72.8	73.1	74.7	76.0	76.2	77.4	79.1	79.9	81.7	82.5	83.3	83.7
GE 700	55.9	64.1	68.2	70.0	73.9	74.5	76.0	78.0	78.2	79.4	81.3	82.0	83.9	84.6	85.4	85.9
GE 600	56.4	64.8	69.0	71.1	75.1	75.9	77.4	79.4	79.6	81.0	82.9	83.7	85.7	86.5	87.3	88.0
GE 500	56.5	65.6	69.9	72.4	76.5	77.3	79.3	81.4	81.6	83.3	85.7	86.5	88.5	89.2	90.0	90.9
GE 400	56.7	66.1	70.4	72.8	77.0	78.3	80.5	83.1	83.3	85.4	88.2	89.1	91.7	92.5	93.9	94.9
GE 300	56.7	66.1	70.4	72.8	77.0	78.3	80.5	83.1	83.3	85.6	88.6	89.6	92.2	92.9	94.3	95.5
GE 200	56.7	66.1	70.4	72.8	77.0	78.3	80.5	83.1	83.3	85.6	88.8	89.7	92.6	93.4	94.8	96.3
GE 100	56.7	66.1	70.4	72.8	77.0	78.3	80.5	83.1	83.3	85.9	89.1	90.0	93.4	94.2	95.7	97.7
GE 0	56.7	66.1	70.4	72.8	77.0	78.3	80.5	83.1	83.3	85.9	89.1	90.3	93.9	94.8	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	31.3	33.8	35.0	35.4	36.1	36.2	36.9	37.1	37.1	37.7	39.0	38.0	38.5	38.5	38.9	39.0
GE 20000	32.4	35.0	36.2	36.5	37.2	37.3	38.1	38.3	38.3	38.8	39.2	39.2	39.7	39.7	40.1	40.2
GE 18000	33.4	36.0	37.3	37.7	38.4	38.5	39.3	39.5	39.5	40.0	40.4	40.4	41.0	41.0	41.4	41.5
GE 16000	34.0	36.7	38.0	38.4	39.1	39.2	40.0	40.2	40.2	40.7	41.1	41.1	41.7	41.7	42.1	42.3
GE 14000	34.4	37.1	38.4	38.8	39.5	39.6	40.4	40.6	40.6	41.1	41.5	41.5	42.1	42.2	42.6	42.7
GE 12000	35.0	37.8	39.1	39.4	40.2	40.3	41.1	41.3	41.3	41.9	42.2	42.3	42.9	42.9	43.3	43.4
GE 10000	35.4	38.2	39.5	39.9	40.7	40.8	41.6	41.8	41.8	42.3	42.7	42.7	43.3	43.4	43.8	43.9
GE 9000	35.6	38.6	39.9	40.3	41.1	41.2	42.0	42.2	42.2	42.8	43.2	43.2	43.8	43.9	44.3	44.4
GE 8000	36.4	39.9	41.2	41.7	42.5	42.7	43.4	43.6	43.6	44.2	44.6	44.7	45.3	45.4	45.8	45.9
GE 7000	38.2	41.8	43.2	43.8	44.7	44.8	45.6	45.8	45.8	46.4	46.8	46.9	47.5	47.6	48.0	48.2
GE 6000	38.9	42.7	44.2	44.6	45.7	45.8	46.7	46.8	46.8	47.5	47.9	47.9	48.6	48.7	49.1	49.2
GE 5000	40.0	43.9	45.4	46.1	47.0	47.1	48.0	48.2	48.2	48.8	49.3	49.3	50.0	50.0	50.4	50.6
GE 4500	41.3	45.3	46.8	47.5	48.4	48.5	49.4	49.6	49.6	50.2	50.7	50.8	51.4	51.5	52.0	52.1
GE 4000	43.2	47.5	49.1	49.8	50.8	50.9	51.8	52.0	52.0	52.7	53.3	53.3	54.1	54.1	54.6	54.8
GE 3500	45.5	50.2	52.0	52.9	54.3	54.4	55.3	55.5	55.5	56.2	56.8	56.9	57.9	57.9	58.5	58.8
GE 3000	47.0	52.0	53.9	54.9	56.4	56.6	57.6	57.8	57.8	58.5	59.2	59.2	60.2	60.3	60.8	61.1
GE 2500	48.6	54.1	56.3	57.3	58.9	59.1	60.2	60.3	60.4	61.1	61.8	61.9	62.9	62.9	63.5	63.8
GE 2000	50.3	56.6	59.2	60.4	62.3	62.5	63.7	63.9	63.9	64.7	65.4	65.5	66.5	66.6	67.2	67.5
GE 1800	50.9	57.4	60.1	61.4	63.4	63.6	64.8	65.0	65.1	65.8	66.6	66.7	67.7	67.8	68.4	68.7
GE 1500	52.0	59.1	62.1	63.5	65.9	66.1	67.5	67.8	67.8	68.6	69.4	69.4	70.5	70.6	71.3	71.6
GE 1200	53.5	61.2	64.6	66.3	69.5	69.7	71.2	71.5	71.6	72.7	73.8	74.0	75.1	75.2	75.9	76.2
GE 1000	54.1	62.1	65.7	67.5	71.2	71.4	72.9	73.5	73.6	74.8	75.9	76.1	77.3	77.5	78.1	78.5
GE 900	54.6	62.9	66.5	68.4	72.2	72.5	74.1	75.0	75.1	76.5	77.7	77.9	79.1	79.3	79.9	80.3
GE 800	54.8	63.3	67.2	69.1	73.1	73.5	75.2	76.3	76.4	77.9	79.4	79.5	80.7	81.0	81.6	82.0
GE 700	54.9	63.6	67.7	69.6	73.8	74.3	76.1	77.5	77.6	79.3	80.8	81.0	82.3	82.5	83.1	83.6
GE 600	55.4	64.6	68.8	70.9	75.5	76.0	78.0	79.7	79.9	81.8	83.6	83.8	85.3	85.5	86.3	86.8
GE 500	55.7	65.1	69.5	71.7	76.7	77.3	79.4	81.4	81.6	83.8	86.0	86.3	87.7	88.0	88.8	89.3
GE 400	55.7	65.3	69.8	72.0	77.1	77.8	80.1	82.5	82.7	85.2	88.2	88.6	90.4	90.7	91.7	92.5
GE 300	55.7	65.3	69.8	72.0	77.2	77.9	80.2	82.6	82.8	85.7	89.3	89.6	91.9	92.2	93.6	94.5
GE 200	55.7	65.3	69.8	72.1	77.2	77.9	80.3	82.7	82.9	85.8	89.7	90.1	92.8	93.2	94.7	96.1
GE 100	55.7	65.3	69.8	72.1	77.2	77.9	80.3	82.7	82.9	86.0	90.0	90.4	93.4	93.7	95.6	97.8
GE 0	55.7	65.3	69.8	72.1	77.2	77.9	80.3	82.7	82.9	86.0	90.1	90.5	93.7	94.1	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 5200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.3	49.7	51.9	52.9	55.6	56.1	58.0	58.0	58.1	58.1	58.5	58.5	58.6	58.6	58.6	59.2
GE 20000	46.4	50.8	53.2	54.2	57.5	58.0	59.8	59.8	60.0	60.0	60.5	60.5	60.7	60.7	60.7	61.2
GE 18000	47.1	51.5	53.9	54.9	58.1	58.6	60.5	60.5	60.7	60.7	61.2	61.2	61.4	61.4	61.4	61.9
GE 16000	47.1	51.5	53.9	54.9	58.1	58.6	60.5	60.5	60.7	60.7	61.2	61.2	61.4	61.4	61.4	61.9
GE 14000	47.1	51.5	53.9	54.9	58.1	58.6	60.5	60.5	60.7	60.7	61.2	61.2	61.4	61.4	61.4	61.9
GE 12000	47.1	51.5	53.9	54.9	58.1	58.6	60.5	60.5	60.7	60.7	61.2	61.2	61.4	61.4	61.4	61.9
GE 10000	47.1	51.7	54.1	55.1	58.3	58.8	60.7	60.7	60.8	60.8	61.4	61.4	61.5	61.5	61.5	62.0
GE 9000	47.6	52.2	54.6	55.6	58.8	59.3	61.2	61.2	61.4	61.4	61.9	61.9	62.0	62.0	62.0	62.5
GE 8000	49.2	53.7	56.1	57.1	60.3	60.8	62.7	62.7	62.9	62.9	63.4	63.4	63.6	63.6	63.6	64.1
GE 7000	50.3	55.1	57.5	58.5	62.0	62.5	64.4	64.4	64.6	64.6	65.1	65.1	65.3	65.3	65.3	65.8
GE 6000	50.7	55.4	57.8	59.2	62.7	63.2	65.1	65.1	65.3	65.4	65.9	65.9	66.1	66.1	66.1	66.6
GE 5000	51.0	55.8	58.1	59.5	63.1	63.6	65.4	65.4	65.6	65.8	66.3	66.3	66.4	66.4	66.4	66.9
GE 4500	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 4000	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 3500	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 3000	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 2500	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 2000	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 1800	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 1600	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 1400	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 1200	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 1000	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 900	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 800	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 700	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 600	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 500	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 400	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 300	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 200	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 100	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9

TOTAL NUMBER OF OBSERVATIONS: 590

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	34.1	37.2	38.2	38.6	39.6	40.4	40.7	41.2	41.2	41.5	42.1	42.1	42.4	42.4	42.5
GE 20000	37.0	40.6	41.9	42.2	43.3	44.1	44.4	44.9	44.9	45.2	45.8	45.8	46.1	46.1	46.4
GE 18000	38.4	42.4	43.8	44.1	45.2	45.9	46.2	46.7	46.7	47.0	47.6	47.6	47.9	47.9	48.2
GE 16000	38.7	42.7	44.1	44.4	45.5	46.2	46.5	47.0	47.0	47.3	47.9	47.9	48.2	48.2	48.5
GE 14000	38.7	42.7	44.1	44.4	45.5	46.2	46.5	47.0	47.0	47.3	47.9	47.9	48.2	48.2	48.5
GE 12000	39.2	43.2	44.5	44.9	45.9	46.7	47.0	47.5	47.5	47.9	48.5	48.5	48.8	48.8	49.2
GE 10000	39.3	43.3	44.7	45.0	46.1	46.9	47.2	47.6	47.6	48.2	48.8	48.8	49.2	49.2	49.5
GE 9000	39.9	44.1	45.5	45.8	46.9	47.6	47.9	48.4	48.4	49.0	49.6	49.6	49.9	49.9	50.2
GE 8000	42.4	46.7	48.1	48.4	49.6	50.8	50.8	51.3	51.3	51.9	52.5	52.5	52.8	52.8	53.1
GE 7000	43.8	48.2	49.4	50.2	51.6	52.8	52.8	53.3	53.3	53.9	54.7	54.7	55.1	55.1	55.5
GE 6000	45.0	49.5	51.3	51.6	53.1	53.9	54.4	54.8	54.8	55.5	56.2	56.2	56.7	56.7	57.0
GE 5000	45.8	50.2	52.1	52.4	53.9	54.7	55.3	55.9	55.9	56.5	57.5	57.5	57.9	57.9	58.2
GE 4500	47.3	51.8	53.6	53.9	55.9	56.7	57.3	57.9	57.9	58.5	59.4	59.4	59.9	59.9	60.2
GE 4000	48.1	53.1	55.1	55.6	57.8	58.5	59.4	60.1	60.1	60.8	61.8	61.8	62.4	62.4	62.7
GE 3500	50.4	55.6	57.6	58.1	60.2	61.0	62.7	63.4	63.4	64.2	65.3	65.3	65.9	65.9	66.2
GE 3000	51.5	57.5	60.2	60.8	63.1	63.9	65.7	66.5	66.5	67.6	68.7	68.7	69.4	69.4	70.2
GE 2500	52.4	58.4	61.1	61.9	64.2	65.0	66.8	67.6	67.6	68.7	69.7	69.7	70.5	70.5	71.3
GE 2000	53.1	59.3	62.2	63.3	65.6	66.4	68.4	69.1	69.1	70.2	71.4	71.4	72.2	72.2	73.4
GE 1800	54.1	60.2	63.1	64.2	66.7	67.8	69.4	70.2	70.2	71.3	72.5	72.5	73.3	73.3	74.5
GE 1500	54.1	61.0	63.9	65.1	67.7	68.5	70.7	71.4	71.6	72.7	73.9	73.9	75.0	75.0	76.5
GE 1200	54.4	61.6	64.8	66.2	69.1	69.9	72.4	73.7	73.9	75.3	77.4	77.4	78.5	78.5	80.0
GE 1000	54.7	62.1	65.3	66.8	69.7	70.5	73.1	74.7	74.8	76.3	78.5	78.5	79.6	79.6	81.1
GE 900	55.1	63.1	66.4	67.9	70.8	71.6	74.2	75.9	76.0	77.6	79.7	79.7	80.8	80.8	82.3
GE 800	55.1	63.4	66.7	68.2	71.1	71.9	74.5	76.2	76.3	78.0	80.3	80.3	81.4	81.4	82.9
GE 700	55.1	63.9	67.1	68.7	71.7	72.5	75.3	77.0	77.1	79.3	81.7	81.7	82.9	82.9	84.5
GE 600	55.8	64.5	67.9	69.6	72.8	73.6	76.5	78.3	78.5	81.0	83.7	83.7	85.1	85.1	86.6
GE 500	55.9	64.8	68.2	69.4	73.1	73.9	76.8	79.1	79.4	82.0	85.4	85.4	86.9	86.9	88.9
GE 400	56.5	66.8	70.5	72.2	75.7	76.5	79.6	82.6	82.9	85.7	89.6	89.6	91.1	91.1	93.7
GE 300	56.5	67.1	71.0	72.7	76.2	77.0	80.0	83.1	83.4	86.2	90.0	90.0	91.7	91.7	94.5
GE 200	56.5	67.1	71.0	72.7	76.2	77.0	80.0	83.7	84.2	87.1	91.7	91.7	93.4	93.5	96.9
GE 100	56.5	67.1	71.0	72.7	76.2	77.0	80.0	83.7	84.5	87.4	92.2	92.2	94.5	94.6	98.5
GE 0	56.5	67.1	71.0	72.7	76.2	77.0	80.0	83.7	84.5	87.4	92.3	92.3	94.8	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.6	37.0	37.2	37.6	38.6	38.7	39.2	40.4	40.7	40.7	41.3	41.3	41.6	41.6	41.6	41.6
GE 20000	35.8	38.4	38.6	39.2	40.1	40.2	40.7	41.9	42.2	42.2	42.9	42.9	43.2	43.2	43.2	43.2
GE 18000	37.3	40.7	40.9	41.5	42.5	42.7	43.2	44.7	45.0	45.0	45.6	45.6	45.9	45.9	45.9	45.9
GE 16000	37.8	41.2	41.3	41.9	43.0	43.2	43.6	45.2	45.5	45.5	46.1	46.1	46.4	46.4	46.4	46.4
GE 14000	38.1	41.5	41.8	42.4	43.5	43.6	44.1	45.6	45.9	45.9	46.5	46.5	46.9	46.9	46.9	46.9
GE 12000	38.2	41.6	41.9	42.5	43.6	43.8	44.4	45.9	46.2	46.2	46.9	46.9	47.2	47.2	47.2	47.2
GE 10000	38.2	41.6	41.9	42.5	43.6	43.8	44.4	45.9	46.2	46.2	46.9	46.9	47.2	47.2	47.2	47.2
GE 9000	39.0	42.4	42.7	43.3	44.4	44.5	45.2	46.7	47.0	47.0	47.6	47.6	47.9	47.9	47.9	47.9
GE 8000	41.5	45.3	45.6	46.4	47.5	47.6	48.2	49.8	50.1	50.1	50.7	50.7	51.0	51.0	51.0	51.0
GE 7000	43.8	48.2	48.6	49.9	51.2	51.3	52.1	53.6	53.9	53.9	54.5	54.5	55.0	55.0	55.0	55.0
GE 6000	44.4	48.8	49.6	50.7	51.9	52.1	52.8	54.4	54.7	54.7	55.3	55.3	55.8	55.8	55.8	55.8
GE 5000	46.1	50.7	51.5	52.5	53.8	53.9	54.7	56.2	56.5	56.5	57.1	57.1	57.6	57.6	57.6	57.6
GE 4500	46.5	51.5	52.2	53.3	54.8	55.0	55.8	57.5	57.8	57.8	58.4	58.4	58.8	58.8	59.0	59.0
GE 4000	48.5	53.8	54.5	55.6	57.5	57.8	58.8	60.5	60.8	61.8	62.7	62.8	63.6	63.6	63.7	63.7
GE 3500	50.1	55.6	56.5	57.9	59.9	60.2	61.9	63.6	63.9	64.8	65.7	65.9	66.8	66.8	67.0	67.4
GE 3000	51.3	57.3	58.5	60.1	62.1	62.4	64.1	65.7	66.1	67.0	67.9	68.0	69.1	69.1	69.3	69.7
GE 2500	53.6	59.9	61.4	63.3	66.1	66.4	68.0	69.7	70.0	71.0	71.9	72.0	73.1	73.1	73.3	73.7
GE 2000	55.0	61.3	63.1	65.0	67.7	68.5	70.2	71.9	72.2	73.1	74.0	74.2	75.3	75.3	75.4	75.9
GE 1800	55.1	61.6	63.4	65.3	68.0	68.8	70.5	72.2	72.5	73.4	74.5	74.7	75.7	75.7	75.9	76.3
GE 1500	55.5	62.1	63.9	66.1	69.4	70.2	71.9	73.6	73.9	74.8	75.9	76.0	77.1	77.1	77.3	77.7
GE 1200	55.9	63.6	65.9	68.2	72.2	73.1	75.0	76.8	77.1	78.0	79.1	79.3	80.3	80.3	80.5	81.0
GE 1000	56.1	64.4	66.8	69.3	73.6	74.5	76.3	78.2	78.5	79.6	80.6	80.8	81.9	81.9	82.0	82.5
GE 900	56.2	64.7	67.1	69.7	74.0	75.1	77.0	78.8	79.1	80.2	81.6	81.7	82.8	82.8	82.9	83.4
GE 800	56.2	64.8	67.3	70.2	74.5	75.6	77.4	79.4	79.7	81.1	82.5	82.6	83.7	83.7	83.9	84.3
GE 700	56.7	65.7	68.2	71.1	75.4	76.5	78.5	80.5	80.8	82.3	84.3	84.5	85.6	85.6	85.7	86.2
GE 600	56.7	66.5	69.1	72.0	76.3	77.4	79.6	81.6	82.2	83.7	86.9	87.1	88.2	88.2	88.3	88.8
GE 500	56.7	66.8	69.6	72.5	76.8	77.9	80.3	82.5	83.1	84.6	88.6	88.8	90.5	90.5	90.6	91.6
GE 400	57.1	67.9	71.0	73.9	78.5	79.6	82.3	84.6	85.3	86.9	91.2	91.4	93.2	93.2	93.4	94.3
GE 300	57.1	68.2	71.3	74.2	78.8	79.9	82.6	85.1	85.7	87.4	91.7	91.9	94.0	94.0	94.3	95.4
GE 200	57.3	68.5	71.6	74.5	79.3	80.3	83.1	85.6	86.2	87.9	92.3	92.6	95.1	95.1	95.5	96.8
GE 100	57.3	68.5	71.6	74.5	79.3	80.3	83.1	85.6	86.2	87.9	92.3	92.6	95.2	95.2	95.7	97.2
GE 0	57.3	68.5	71.6	74.5	79.3	80.3	83.1	85.6	86.2	87.9	92.5	92.8	95.7	95.9	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.2	32.1	32.4	32.7	32.9	33.0	33.3	34.3	34.3	34.3	35.2	35.3	35.3	35.3	35.3	35.3
GE 20000	33.0	33.9	34.3	34.6	34.7	34.9	35.2	36.3	36.3	36.3	37.2	37.3	37.3	37.3	37.5	37.5
GE 18000	34.1	35.6	35.9	36.3	36.6	36.7	37.0	38.6	38.6	38.6	39.6	39.8	39.8	39.8	39.9	39.9
GE 16000	34.6	36.1	36.4	36.7	37.0	37.2	37.5	39.0	39.0	39.0	40.1	40.2	40.2	40.2	40.4	40.4
GE 14000	34.6	36.1	36.4	36.7	37.0	37.2	37.5	39.0	39.0	39.0	40.1	40.2	40.2	40.2	40.4	40.4
GE 12000	34.6	36.1	36.4	36.7	37.0	37.2	37.5	39.0	39.0	39.0	40.1	40.2	40.2	40.2	40.4	40.4
GE 10000	34.7	36.3	36.6	36.9	37.2	37.3	37.6	39.2	39.2	39.2	40.2	40.4	40.4	40.4	40.6	40.6
GE 9000	35.3	36.9	37.2	37.5	37.8	37.9	38.2	39.8	39.8	39.8	40.9	41.0	41.0	41.0	41.2	41.2
GE 8000	37.0	39.2	39.8	40.2	40.9	41.0	41.3	42.9	42.9	42.9	43.9	44.1	44.1	44.1	44.2	44.2
GE 7000	40.2	43.0	43.6	44.1	44.7	44.9	45.2	46.7	46.7	46.9	47.9	48.1	48.1	48.1	48.2	48.2
GE 6000	41.8	44.5	45.2	45.6	46.2	46.4	46.7	48.2	48.2	48.4	49.5	49.6	49.6	49.6	49.8	49.8
GE 5000	42.7	45.5	46.1	46.7	47.3	47.5	47.9	49.5	49.5	49.8	50.8	51.0	51.0	51.0	51.2	51.2
GE 4500	43.2	45.9	46.5	47.2	47.8	47.9	48.4	49.9	49.9	50.4	51.5	51.6	51.6	51.6	51.8	51.8
GE 4000	45.6	48.4	49.2	49.8	50.4	50.5	51.0	52.5	52.5	53.3	54.5	54.7	54.7	54.7	54.8	54.8
GE 3500	48.2	51.9	52.7	54.1	55.1	55.3	55.8	57.5	57.5	58.2	59.4	59.6	59.6	59.6	59.9	60.2
GE 3000	49.6	53.5	54.2	55.9	57.0	57.1	57.6	59.3	59.3	60.1	61.3	61.4	61.4	61.4	61.8	62.1
GE 2500	50.8	55.5	56.4	58.1	59.4	59.6	60.1	61.8	61.8	62.5	63.7	63.9	63.9	63.9	64.2	64.5
GE 2000	52.2	57.5	58.5	60.4	62.1	62.2	63.1	64.8	64.8	65.6	67.3	67.4	67.6	67.6	67.9	68.2
GE 1800	52.2	57.5	58.5	60.5	62.2	62.4	63.3	65.0	65.0	65.7	67.4	67.6	67.7	67.7	68.0	68.4
GE 1500	53.0	59.0	60.1	62.2	63.9	64.1	65.3	67.0	67.0	67.7	69.4	69.6	69.7	69.7	70.2	70.5
GE 1200	53.9	61.8	63.7	66.1	68.2	68.5	69.7	71.6	71.6	72.4	74.3	74.5	74.7	74.7	75.1	75.6
GE 1000	54.7	63.6	65.9	68.4	70.8	71.3	73.0	75.1	75.1	76.0	78.3	78.5	78.6	78.6	79.4	79.9
GE 900	55.0	64.5	67.0	69.4	71.9	72.4	74.0	76.2	76.2	77.3	80.2	80.3	80.5	80.5	81.3	81.7
GE 800	55.0	64.7	67.4	69.9	72.4	72.8	74.7	77.1	77.1	78.2	81.1	81.3	81.4	81.4	82.2	82.6
GE 700	55.0	64.7	67.4	69.9	72.4	72.8	74.7	77.3	77.3	78.3	81.9	82.0	82.3	82.3	83.1	83.7
GE 600	55.0	64.8	67.6	70.0	72.5	73.0	74.8	77.6	77.7	79.4	84.3	84.6	84.9	84.9	85.9	86.8
GE 500	55.3	65.4	68.2	70.7	73.3	73.7	75.9	78.8	79.0	80.6	86.6	87.1	87.7	87.7	88.8	90.0
GE 400	55.5	66.2	69.1	71.6	74.7	75.1	77.4	80.5	80.6	83.3	90.5	90.9	92.0	92.0	93.1	94.3
GE 300	55.8	66.7	69.6	72.2	75.4	75.9	78.2	81.6	81.7	84.6	92.5	92.9	94.2	94.2	95.4	97.2
GE 200	55.8	66.8	69.7	72.4	75.6	76.2	78.8	82.2	82.3	85.3	93.1	93.5	94.8	94.8	96.2	98.5
GE 100	55.8	66.8	69.7	72.4	75.6	76.2	79.0	82.3	82.5	85.4	93.2	93.7	94.9	95.1	96.5	98.9
GE 0	55.8	66.8	69.7	72.4	75.6	76.2	79.0	82.3	82.5	85.4	93.2	93.7	94.9	95.1	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.9	36.1	37.0	37.2	38.1	38.4	38.9	38.9	38.9	38.9	39.3	39.3	39.6	39.8	40.2	40.9
GE 20000	35.0	37.3	38.2	38.4	39.3	39.6	40.1	40.1	40.1	40.1	40.6	40.6	40.9	41.0	41.5	42.1
GE 18000	35.9	38.2	39.2	39.3	40.2	40.6	41.0	41.0	41.0	41.0	41.5	41.5	41.8	41.9	42.4	43.0
GE 16000	36.1	38.4	39.3	39.5	40.4	40.7	41.2	41.2	41.2	41.2	41.6	41.6	41.9	42.1	42.5	43.3
GE 14000	36.1	38.4	39.3	39.5	40.4	40.7	41.2	41.2	41.2	41.2	41.6	41.6	41.9	42.1	42.5	43.3
GE 12000	36.4	38.7	39.6	39.8	40.7	41.0	41.5	41.5	41.5	41.5	41.9	41.9	42.2	42.4	42.9	43.6
GE 10000	36.7	39.0	39.9	40.1	41.0	41.3	41.8	41.8	41.8	41.8	42.2	42.2	42.5	42.7	43.2	43.9
GE 9000	36.9	39.2	40.1	40.2	41.2	41.5	41.9	41.9	41.9	41.9	42.4	42.4	42.7	42.9	43.3	44.1
GE 8000	39.0	41.6	42.9	43.0	44.1	44.4	44.9	44.9	44.9	44.9	45.3	45.3	45.6	45.8	46.2	47.0
GE 7000	41.6	44.7	45.9	46.1	47.2	47.5	48.1	48.1	48.1	48.2	48.7	48.7	49.0	49.2	49.6	50.4
GE 6000	43.0	46.2	47.5	47.9	49.2	49.5	50.1	50.1	50.1	50.2	50.7	50.7	51.0	51.2	51.6	52.4
GE 5000	44.1	47.5	48.7	49.3	50.5	50.8	51.5	51.5	51.5	51.6	52.1	52.1	52.4	52.5	53.0	53.8
GE 4500	44.7	48.1	49.3	49.9	51.2	51.5	52.1	52.1	52.1	52.2	52.7	52.7	53.0	53.1	53.6	54.4
GE 4000	45.5	49.2	50.5	51.8	53.3	53.6	54.2	54.2	54.2	54.5	55.0	55.0	55.3	55.5	55.9	56.7
GE 3500	47.6	51.6	53.1	54.4	56.1	56.4	57.1	57.3	57.3	57.6	58.2	58.2	58.5	58.7	59.3	60.1
GE 3000	49.0	53.1	54.8	56.4	58.2	58.5	59.3	59.4	59.4	59.8	60.4	60.5	60.8	61.0	61.6	62.4
GE 2500	51.5	56.1	57.8	59.3	61.4	61.8	62.5	62.7	62.7	63.0	63.6	63.7	64.2	64.4	65.0	65.7
GE 2000	53.3	58.4	60.1	61.8	64.2	64.5	65.7	65.9	66.1	66.4	67.1	67.3	67.7	67.9	68.5	69.3
GE 1800	53.8	59.0	60.7	62.5	65.3	65.6	66.8	67.0	67.1	67.4	68.2	68.4	68.8	69.0	69.6	70.4
GE 1500	54.4	60.1	61.8	64.1	66.8	67.1	68.5	68.7	68.8	69.1	69.9	70.0	70.5	70.7	71.3	72.0
GE 1200	55.6	62.5	64.7	67.4	71.1	71.7	73.3	73.7	73.9	74.2	75.0	75.1	75.6	75.7	76.3	77.1
GE 1000	56.1	63.3	65.9	68.8	73.3	73.9	75.4	75.9	76.2	76.7	77.4	77.6	78.3	78.5	79.1	79.9
GE 900	56.2	63.9	66.7	69.6	74.3	75.0	76.7	77.3	77.6	78.2	79.0	79.1	79.9	80.0	80.6	81.4
GE 800	56.5	64.5	67.4	70.4	75.4	76.0	78.0	79.0	79.3	80.0	81.1	81.3	82.0	82.2	82.8	83.6
GE 700	56.5	64.5	67.4	70.5	75.7	76.3	78.3	79.3	79.6	80.3	81.7	81.9	82.6	82.8	83.4	84.6
GE 600	57.3	65.3	68.4	71.4	77.9	78.5	81.1	82.3	82.8	83.9	85.4	85.6	86.5	86.6	87.3	88.8
GE 500	57.5	65.6	68.7	72.2	79.0	79.6	82.3	83.7	84.2	85.3	87.7	87.9	88.9	89.1	89.9	91.6
GE 400	57.6	65.9	69.1	73.1	80.0	80.6	83.6	84.9	85.4	86.6	90.2	90.5	92.0	92.2	93.2	94.9
GE 300	57.6	65.9	69.1	73.1	80.2	80.8	83.9	85.3	85.7	87.1	91.9	92.2	93.9	94.0	95.2	97.7
GE 200	57.6	65.9	69.1	73.1	80.2	80.8	83.9	85.3	85.7	87.1	92.0	92.3	94.2	94.3	95.7	98.5
GE 100	57.6	65.9	69.1	73.1	80.2	80.8	83.9	85.3	85.7	87.1	92.0	92.3	94.2	94.3	96.3	99.7
GE 0	57.6	65.9	69.1	73.1	80.2	80.8	83.9	85.3	85.7	87.1	92.0	92.3	94.2	94.3	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.9	38.4	39.6	39.9	41.0	41.0	41.6	41.6	41.6	41.8	42.7	42.7	42.9	43.0	43.5	44.1
GE 20000	35.2	38.7	39.9	40.2	41.3	41.3	41.9	41.9	41.9	42.1	43.0	43.0	43.2	43.3	43.8	44.4
GE 18000	35.6	39.2	40.4	40.7	41.8	41.8	42.4	42.4	42.4	42.5	43.5	43.5	43.6	43.8	44.2	45.3
GE 16000	35.6	39.2	40.4	40.7	41.8	41.8	42.4	42.4	42.4	42.5	43.5	43.5	43.6	43.8	44.2	45.3
GE 14000	35.6	39.2	40.4	40.7	41.8	41.8	42.4	42.4	42.4	42.5	43.5	43.5	43.6	43.8	44.2	45.3
GE 12000	35.6	39.2	40.4	40.7	41.8	41.8	42.4	42.4	42.4	42.5	43.5	43.5	43.6	43.8	44.2	45.3
GE 10000	36.7	40.2	41.5	41.8	42.9	42.9	43.5	43.5	43.5	43.6	44.5	44.5	44.7	44.9	45.3	46.4
GE 9000	37.5	41.0	42.2	42.5	43.6	43.6	44.2	44.2	44.2	44.4	45.3	45.3	45.5	45.6	46.1	47.2
GE 8000	40.4	43.9	45.3	45.6	46.7	46.7	47.3	47.3	47.3	47.5	48.4	48.4	48.5	48.7	49.2	50.2
GE 7000	44.2	47.8	49.2	49.5	50.5	50.5	51.2	51.2	51.2	51.3	52.2	52.2	52.4	52.5	53.0	54.1
GE 6000	44.5	48.2	49.6	50.4	51.5	51.5	52.1	52.1	52.1	52.2	53.1	53.1	53.3	53.5	53.9	55.0
GE 5000	45.6	49.6	51.0	51.8	52.8	52.8	53.5	53.5	53.5	53.6	54.7	54.8	55.0	55.1	55.6	56.7
GE 4500	46.2	50.2	51.6	52.4	53.6	53.6	54.2	54.2	54.2	54.4	55.5	55.6	55.8	55.9	56.4	57.5
GE 4000	47.2	51.6	53.0	54.2	55.8	55.8	56.4	56.4	56.4	56.5	57.8	57.9	58.1	58.2	58.7	59.8
GE 3500	49.2	54.5	56.8	58.1	59.9	59.9	60.5	60.5	60.5	60.7	62.4	62.5	62.7	62.8	63.3	64.4
GE 3000	50.2	55.9	58.5	59.8	61.8	61.8	62.5	62.5	62.5	62.7	64.4	64.5	64.7	64.8	65.3	66.4
GE 2500	51.3	57.5	60.1	61.3	63.4	63.4	64.2	64.2	64.2	64.4	66.1	66.2	66.5	66.7	67.1	68.2
GE 2000	52.7	59.4	62.2	63.4	65.7	65.7	66.7	66.7	66.7	67.0	68.8	69.0	69.4	69.6	70.0	71.1
GE 1800	52.8	59.6	62.8	64.2	66.5	66.5	67.4	67.4	67.4	67.7	69.6	69.7	70.2	70.4	70.8	71.9
GE 1500	53.6	60.7	64.1	65.4	67.7	67.7	68.8	68.8	68.8	69.1	71.0	71.1	71.6	71.7	72.2	73.3
GE 1200	54.7	63.7	67.6	69.1	72.2	72.4	73.9	73.9	73.9	74.2	76.0	76.2	76.7	76.8	77.3	78.3
GE 1000	54.7	64.2	68.0	69.6	73.3	73.6	75.3	75.3	75.3	75.7	77.7	77.9	78.3	78.5	79.0	80.0
GE 900	54.7	64.2	68.4	69.9	73.6	73.9	75.6	75.7	75.7	76.2	78.6	78.8	79.4	79.6	80.0	81.3
GE 800	54.7	64.5	69.0	70.5	74.5	74.8	77.0	77.6	77.6	78.5	81.1	81.3	81.9	82.0	82.5	83.7
GE 700	54.7	64.5	69.1	71.0	75.6	75.9	78.0	78.6	78.6	79.7	82.3	82.5	83.1	83.3	83.7	85.1
GE 600	54.8	65.0	69.7	71.6	77.0	77.4	80.5	81.1	81.1	82.3	85.4	85.6	86.2	86.5	86.9	88.3
GE 500	54.8	65.0	69.7	71.7	78.0	78.5	81.9	82.5	82.5	83.9	87.7	87.9	88.8	89.1	89.7	91.1
GE 400	55.3	65.4	70.7	72.7	79.0	79.4	82.9	83.6	83.6	84.9	89.6	89.9	91.2	91.7	92.6	94.0
GE 300	55.3	65.6	70.8	73.1	79.4	79.9	83.6	84.2	84.2	85.6	91.2	91.6	93.5	94.2	95.5	97.5
GE 200	55.3	65.6	70.8	73.1	79.4	79.9	83.6	84.2	84.2	85.6	91.4	91.7	93.9	94.5	96.2	96.8
GE 100	55.3	65.6	70.8	73.1	79.4	79.9	83.6	84.2	84.2	85.6	91.4	91.7	93.9	94.5	96.2	99.4
GE 0	55.3	65.6	70.8	73.1	79.4	79.9	83.6	84.2	84.2	85.6	91.4	91.7	94.0	94.6	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.4	38.7	39.8	40.1	40.9	40.9	41.3	41.3	41.3	41.3	43.8	43.8	44.1	44.1	44.5	45.0
GE 20000	36.3	41.0	42.1	42.4	43.2	43.2	43.6	43.6	43.6	43.6	46.1	46.1	46.4	46.4	46.9	47.3
GE 18000	37.0	41.8	42.9	43.2	43.9	43.9	44.4	44.4	44.4	44.4	47.0	47.0	47.3	47.3	47.8	48.7
GE 16000	37.0	41.8	42.9	43.2	43.9	43.9	44.4	44.4	44.4	44.4	47.0	47.0	47.3	47.3	47.8	48.7
GE 14000	37.0	41.8	42.9	43.2	43.9	43.9	44.4	44.4	44.4	44.4	47.0	47.0	47.3	47.3	47.8	48.7
GE 12000	37.3	42.1	43.2	43.5	44.2	44.2	44.7	44.7	44.7	44.7	47.3	47.3	47.6	47.6	48.1	49.0
GE 10000	38.4	43.3	44.4	44.9	45.6	45.6	46.1	46.1	46.1	46.1	48.7	48.7	49.0	49.0	49.5	50.4
GE 9000	39.0	43.9	45.0	45.5	46.2	46.2	46.7	46.7	46.7	46.7	49.3	49.3	49.6	49.6	50.1	51.0
GE 8000	42.2	47.3	48.4	48.6	49.6	49.6	50.1	50.1	50.1	50.1	52.7	52.7	53.0	53.0	53.5	54.4
GE 7000	44.4	49.6	50.7	51.2	51.9	51.9	52.4	52.4	52.4	52.4	55.0	55.0	55.3	55.3	55.8	56.7
GE 6000	45.3	50.5	51.8	52.5	53.3	53.3	53.8	53.8	53.8	53.8	56.4	56.4	56.7	56.8	57.3	58.2
GE 5000	46.1	51.6	53.0	53.9	54.7	54.7	55.1	55.1	55.1	55.1	57.9	57.9	58.2	58.4	58.8	59.9
GE 4500	46.7	52.2	53.6	54.5	55.5	55.5	55.9	55.9	55.9	55.9	58.7	58.7	59.0	59.1	59.6	60.7
GE 4000	47.9	53.6	55.0	56.4	57.5	57.5	57.9	57.9	57.9	57.9	60.7	60.7	61.0	61.1	61.6	62.7
GE 3500	49.5	55.1	57.3	59.1	60.7	60.8	61.3	61.3	61.3	61.3	64.7	64.7	65.0	65.1	65.6	66.7
GE 3000	51.3	57.5	59.6	61.6	63.6	63.7	64.2	64.2	64.2	64.2	67.6	67.6	67.9	68.0	68.5	69.6
GE 2500	52.5	58.7	60.8	62.8	65.3	65.4	65.9	65.9	65.9	65.9	69.3	69.3	69.6	69.7	70.2	71.3
GE 2000	53.6	60.1	62.4	64.4	67.3	67.4	67.9	67.9	67.9	67.9	71.3	71.3	71.6	71.7	72.2	73.3
GE 1800	53.6	60.2	62.7	64.7	67.6	67.7	68.2	68.2	68.2	68.2	71.6	71.6	71.9	72.0	72.5	73.6
GE 1500	53.9	60.5	63.4	65.6	68.7	69.0	69.4	69.4	69.9	69.9	73.7	73.7	74.0	74.2	74.7	75.7
GE 1200	55.3	63.3	66.4	68.7	71.9	72.2	73.1	73.1	73.6	73.6	77.9	77.9	78.2	78.3	78.8	79.9
GE 1000	55.5	63.4	66.5	68.8	72.5	73.0	74.0	74.0	74.5	74.5	79.1	79.1	79.6	79.7	80.2	81.3
GE 900	55.6	63.6	66.8	69.3	73.0	73.4	74.5	74.5	75.0	75.1	79.9	79.9	80.5	80.6	81.1	82.2
GE 800	55.6	63.6	67.1	69.9	73.7	74.2	75.3	75.6	76.0	76.2	81.0	81.0	81.6	81.7	82.2	83.3
GE 700	55.6	63.6	67.1	69.9	73.7	74.2	75.3	75.6	76.0	76.2	81.0	81.0	81.9	82.0	82.5	83.6
GE 600	55.9	64.1	67.9	70.8	75.3	75.7	78.2	78.8	79.3	79.6	84.3	84.3	85.6	85.7	86.3	87.6
GE 500	56.1	64.4	68.2	71.1	75.7	76.2	78.6	79.3	79.7	80.6	85.7	85.7	87.3	87.4	88.3	89.9
GE 400	56.7	65.0	69.0	72.2	76.8	77.3	80.2	81.0	81.4	82.3	88.2	88.2	90.6	90.8	92.2	93.9
GE 300	56.7	65.0	69.0	72.2	77.3	77.7	81.0	81.7	82.2	83.1	89.7	89.7	92.2	92.3	93.9	96.3
GE 200	56.7	65.1	69.3	72.5	77.6	78.0	81.3	82.3	82.8	83.7	90.3	90.3	92.8	92.9	95.1	97.7
GE 100	56.7	65.1	69.3	72.5	77.6	78.0	81.3	82.5	82.9	83.9	90.6	90.6	93.1	93.2	95.9	98.5
GE 0	56.7	65.1	69.3	72.5	77.6	78.0	81.3	82.5	82.9	83.9	90.8	90.8	93.9	94.0	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.7	44.6	46.7	47.6	49.4	49.5	51.0	51.4	51.4	51.7	52.7	52.7	53.3	53.3	53.5	53.8
GE 20000	40.9	45.8	48.0	48.9	50.8	50.9	52.4	52.8	52.9	53.1	54.1	54.2	54.8	54.8	55.0	55.3
GE 18000	41.6	46.6	48.8	49.7	51.8	51.9	53.4	53.8	53.9	54.1	55.2	55.2	55.8	55.8	56.0	56.3
GE 16000	41.6	46.6	48.9	49.8	51.8	52.0	53.5	53.9	54.0	54.2	55.2	55.3	55.9	55.9	56.1	56.4
GE 14000	41.8	46.8	49.0	49.9	52.0	52.1	53.6	54.0	54.1	54.3	55.4	55.4	56.0	56.0	56.2	56.5
GE 12000	42.1	47.1	49.4	50.3	52.4	52.5	54.0	54.4	54.5	54.7	55.8	55.8	56.4	56.4	56.6	56.9
GE 10000	43.0	48.1	50.3	51.2	53.3	53.4	54.9	55.3	55.4	55.6	56.7	56.8	57.4	57.4	57.6	58.0
GE 9000	43.7	48.7	51.0	51.9	54.0	54.1	55.6	56.0	56.1	56.3	57.4	57.5	58.1	58.1	58.3	58.7
GE 8000	44.9	50.2	52.4	53.3	55.5	55.6	57.1	57.5	57.6	57.8	58.9	59.0	59.6	59.6	59.8	60.2
GE 7000	46.0	51.4	53.7	54.7	56.9	57.1	58.7	59.1	59.2	59.5	60.6	60.7	61.3	61.3	61.5	61.9
GE 6000	46.5	52.1	54.4	55.5	57.9	58.0	59.6	60.1	60.2	60.4	61.6	61.7	62.3	62.3	62.5	62.9
GE 5000	47.5	53.2	55.5	56.7	59.1	59.3	60.8	61.3	61.4	61.6	62.8	62.9	63.5	63.5	63.7	64.1
GE 4500	48.4	54.3	56.7	58.0	60.4	60.5	62.1	62.6	62.6	62.9	64.1	64.2	64.8	64.8	65.0	65.4
GE 4000	49.5	55.9	58.5	59.8	62.2	62.3	63.9	64.4	64.5	64.8	66.0	66.1	66.7	66.7	66.9	67.3
GE 3500	51.0	57.8	60.4	61.7	64.2	64.4	66.1	66.6	66.7	67.0	68.2	68.3	69.0	69.0	69.2	69.6
GE 3000	51.7	58.8	61.4	62.8	65.5	65.7	67.4	67.9	68.0	68.3	69.7	69.8	70.4	70.4	70.6	71.0
GE 2500	52.6	60.2	63.0	64.4	67.2	67.4	69.1	69.6	69.7	70.0	71.4	71.5	72.1	72.1	72.4	72.7
GE 2000	53.4	61.5	64.4	65.9	69.0	69.2	71.1	71.6	71.7	72.2	73.6	73.7	74.4	74.4	74.7	75.0
GE 1800	53.9	62.0	64.9	66.5	69.8	70.0	72.0	72.5	72.6	73.1	74.6	74.7	75.3	75.4	75.6	76.0
GE 1500	54.2	62.5	65.4	67.1	70.6	70.8	73.0	73.5	73.6	74.1	75.7	75.8	76.5	76.5	76.8	77.1
GE 1200	55.0	63.8	67.1	69.1	72.9	73.2	75.7	76.3	76.5	77.1	79.2	79.3	80.0	80.1	80.4	80.8
GE 1000	55.6	64.7	68.2	70.4	74.5	74.9	77.5	78.1	78.3	79.0	81.4	81.6	82.4	82.5	83.0	83.5
GE 900	55.8	65.1	68.9	71.2	75.5	75.9	78.5	79.3	79.5	80.3	82.8	83.0	83.8	83.9	84.4	84.9
GE 800	56.1	65.6	69.7	72.0	76.4	76.9	79.5	80.7	81.0	81.8	84.5	84.7	85.6	85.7	86.2	86.8
GE 700	56.3	66.0	70.1	72.6	77.0	77.4	80.2	81.4	81.8	82.6	85.6	85.7	86.8	86.8	87.4	88.1
GE 600	56.6	66.4	70.7	73.4	78.7	79.2	82.3	84.0	84.4	85.5	89.0	89.1	90.4	90.6	91.2	92.0
GE 500	56.9	66.8	71.1	73.9	79.3	79.8	83.0	84.8	85.3	86.6	90.3	90.5	91.9	92.0	92.8	93.9
GE 400	57.0	66.9	71.3	74.1	79.5	80.0	83.5	85.5	86.1	87.4	91.8	92.0	93.5	93.7	94.7	96.1
GE 300	57.0	67.0	71.4	74.1	79.6	80.1	83.7	85.7	86.3	87.7	92.5	92.8	94.4	94.6	95.9	97.5
GE 200	57.1	67.1	71.4	74.2	79.6	80.2	83.8	85.8	86.4	87.8	92.9	93.2	95.0	95.2	96.6	98.4
GE 100	57.1	67.1	71.4	74.2	79.6	80.2	83.8	85.9	86.4	87.8	93.2	93.4	95.4	95.6	97.0	99.0
GE 01	57.1	67.1	71.4	74.2	79.6	80.2	83.8	85.9	86.4	87.8	93.4	93.7	95.6	95.9	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 4735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.8	48.1	49.2	49.7	51.3	51.3	53.5	53.5	53.5	53.5	54.2	54.2	54.7	54.7	54.7	54.7
GE 20000	43.6	49.0	50.0	50.5	52.2	52.2	54.4	54.4	54.4	54.4	55.2	55.2	55.7	55.7	55.7	55.7
GE 18000	44.1	49.5	50.7	51.2	52.9	52.9	55.1	55.1	55.1	55.1	55.9	55.9	56.4	56.4	56.4	56.4
GE 16000	44.1	49.5	50.7	51.2	52.9	52.9	55.1	55.1	55.1	55.1	55.9	55.9	56.4	56.4	56.4	56.4
GE 14000	44.4	49.8	51.0	51.5	53.2	53.2	55.4	55.4	55.4	55.4	56.2	56.2	56.7	56.7	56.7	56.7
GE 12000	44.8	50.2	51.3	51.9	53.5	53.5	55.7	55.7	55.7	55.7	56.7	56.7	57.2	57.2	57.2	57.2
GE 10000	44.8	50.2	51.3	51.9	53.5	53.5	55.7	55.7	55.7	55.7	56.7	56.7	57.2	57.2	57.2	57.2
GE 9000	46.3	51.7	52.9	53.4	55.1	55.1	57.2	57.2	57.2	57.2	58.2	58.2	58.8	58.8	58.8	58.8
GE 8000	49.2	55.1	56.2	56.7	58.4	58.4	60.6	60.6	60.6	60.6	61.6	61.6	62.1	62.1	62.1	62.1
GE 7000	50.7	56.9	58.1	58.8	60.4	60.4	62.6	62.6	62.6	62.6	63.6	63.6	64.1	64.1	64.1	64.1
GE 6000	51.3	57.7	59.1	59.9	62.1	62.1	64.3	64.3	64.3	64.3	65.3	65.3	65.8	65.8	65.8	65.8
GE 5000	51.9	58.6	59.9	60.8	63.1	63.1	65.3	65.3	65.3	65.3	66.3	66.3	66.8	66.8	66.8	66.8
GE 4500	52.5	59.8	61.4	62.3	64.6	64.6	66.8	66.8	66.8	66.8	67.8	67.8	68.4	68.4	68.4	68.4
GE 4000	53.2	60.9	62.6	63.5	65.8	65.8	68.0	68.0	68.0	68.0	69.0	69.0	69.5	69.5	69.5	69.5
GE 3500	54.5	62.5	64.1	65.0	67.5	67.5	70.0	70.0	70.0	70.0	71.2	71.2	71.7	71.7	71.7	71.7
GE 3000	54.9	62.8	64.6	65.5	68.4	68.4	70.9	70.9	70.9	70.9	72.2	72.2	72.7	72.7	72.7	72.7
GE 2500	56.7	64.6	66.5	67.3	70.2	70.2	72.7	72.7	72.7	72.7	74.1	74.1	74.6	74.6	74.6	74.6
GE 2000	57.2	65.7	67.7	68.5	72.1	72.1	74.6	74.6	74.6	74.6	75.9	75.9	76.4	76.4	76.4	76.4
GE 1800	57.6	66.0	68.0	68.9	72.4	72.4	75.1	75.1	75.1	75.1	76.4	76.4	76.9	76.9	76.9	76.9
GE 1500	57.7	66.2	68.4	69.4	72.9	72.9	75.8	75.8	75.8	75.8	77.1	77.1	77.6	77.6	77.6	77.6
GE 1200	58.2	67.0	69.2	70.5	75.1	75.1	78.5	78.5	78.6	78.6	80.6	80.6	81.3	81.3	81.5	81.5
GE 1000	58.8	67.8	70.2	71.7	76.4	76.4	79.8	79.8	80.0	80.0	82.7	82.7	83.5	83.7	83.8	84.3
GE 900	58.8	67.8	70.5	72.1	76.8	76.8	80.1	80.1	80.3	80.5	83.3	83.3	84.2	84.3	84.5	85.0
GE 800	59.3	68.7	71.9	73.4	78.1	78.1	81.5	82.0	82.2	82.7	85.5	85.5	86.4	86.7	86.9	87.7
GE 700	59.6	69.2	72.4	73.9	78.6	78.6	82.0	82.7	83.0	83.5	86.7	86.7	87.5	88.0	88.2	89.2
GE 600	59.8	69.7	72.9	74.7	80.5	80.5	84.5	85.4	86.0	86.5	90.1	90.1	90.9	91.9	92.3	93.3
GE 500	59.9	70.0	73.2	75.1	80.8	80.8	84.8	85.7	86.4	86.9	90.9	91.1	92.1	93.1	93.8	94.8
GE 400	59.9	70.0	73.2	75.1	80.8	80.8	85.2	86.4	87.0	87.5	92.8	92.9	93.9	94.9	95.8	97.1
GE 300	59.9	70.0	73.2	75.1	80.8	80.8	85.2	86.4	87.0	87.5	93.1	93.3	94.6	95.6	97.1	98.7
GE 200	59.9	70.0	73.2	75.1	80.8	80.8	85.2	86.4	87.0	87.5	93.1	93.3	94.6	95.6	97.1	98.7
GE 100	59.9	70.0	73.2	75.1	80.8	80.8	85.2	86.4	87.0	87.5	93.1	93.3	94.6	95.8	97.5	99.3
GE 0	59.9	70.0	73.2	75.1	80.8	80.8	85.2	86.4	87.0	87.5	93.3	93.4	94.9	96.0	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.2	42.4	43.9	44.4	45.1	45.1	47.5	47.6	47.6	48.0	49.0	49.0	49.3	49.3	49.5	49.5
GE 20000	39.4	43.6	45.3	46.0	46.6	46.6	49.3	49.5	49.5	49.8	50.8	50.8	51.2	51.2	51.3	51.3
GE 18000	39.4	43.6	45.3	46.0	46.6	46.6	49.5	49.7	49.7	50.0	51.0	51.0	51.3	51.3	51.5	51.5
GE 16000	39.4	43.6	45.3	46.0	46.6	46.6	49.5	49.7	49.7	50.0	51.0	51.0	51.3	51.3	51.5	51.5
GE 14000	39.6	43.8	45.5	46.1	46.8	46.8	49.7	49.8	49.8	50.2	51.2	51.2	51.5	51.5	51.7	51.7
GE 12000	40.1	44.3	46.0	46.6	47.3	47.3	50.2	50.3	50.3	50.7	51.7	51.7	52.0	52.0	52.2	52.2
GE 10000	41.9	46.1	47.8	48.5	49.2	49.2	52.0	52.2	52.2	52.5	53.7	53.7	54.0	54.0	54.2	54.2
GE 9000	43.4	47.6	49.3	50.0	50.7	50.7	53.5	53.7	53.7	54.0	55.2	55.2	55.6	55.6	55.7	55.7
GE 8000	45.6	49.8	51.5	52.2	52.9	52.9	55.7	55.9	55.9	56.2	57.4	57.4	57.7	57.7	57.9	57.9
GE 7000	46.0	50.3	52.0	52.9	53.5	53.5	56.4	56.6	56.6	57.1	58.4	58.4	58.8	58.8	58.9	58.9
GE 6000	47.0	51.7	53.4	54.2	54.9	54.9	57.7	57.9	57.9	58.4	59.8	59.8	60.1	60.1	60.3	60.3
GE 5000	48.1	53.2	54.9	55.7	56.4	56.4	59.3	59.4	59.4	59.9	61.3	61.3	61.6	61.6	61.8	61.8
GE 4500	49.0	54.2	55.9	56.7	57.4	57.4	60.3	60.4	60.4	61.1	62.5	62.5	62.8	62.8	63.0	63.0
GE 4000	49.7	54.9	56.9	57.7	58.6	58.6	61.4	61.6	61.6	62.3	63.6	63.6	64.0	64.0	64.1	64.1
GE 3500	51.5	57.1	59.1	59.9	60.8	60.8	64.0	64.1	64.1	65.0	66.5	66.5	66.8	66.8	67.0	67.0
GE 3000	52.5	58.1	60.1	60.9	61.8	61.8	65.0	65.2	65.2	66.0	67.5	67.5	67.8	67.8	68.0	68.0
GE 2500	54.4	60.8	62.8	63.6	64.5	64.5	67.7	67.8	67.8	68.7	70.2	70.2	70.5	70.5	70.7	70.7
GE 2000	55.9	62.6	64.6	65.7	67.0	67.0	70.2	70.4	70.4	71.2	72.7	72.7	73.1	73.1	73.2	73.2
GE 1800	55.9	62.6	64.6	66.0	67.3	67.3	70.5	70.7	70.7	71.5	73.1	73.1	73.4	73.4	73.6	73.6
GE 1500	55.9	62.8	64.8	66.2	68.4	68.4	71.7	72.1	72.1	73.1	74.6	74.6	74.9	74.9	75.1	75.1
GE 1200	56.2	64.0	66.5	68.0	70.4	70.4	73.7	74.1	74.2	75.3	77.3	77.3	78.1	78.1	78.3	78.5
GE 1000	56.6	65.2	68.4	69.9	72.4	72.4	75.9	76.3	76.6	77.8	79.8	80.0	81.0	81.0	81.3	81.5
GE 900	56.7	65.3	68.9	70.4	73.1	73.1	76.6	76.9	77.3	78.5	80.5	80.6	81.6	81.6	82.0	82.2
GE 800	57.4	66.0	69.7	71.2	74.1	74.1	77.6	77.9	78.6	79.8	81.8	82.0	83.0	83.0	83.3	83.7
GE 700	57.6	66.7	70.5	72.1	74.9	74.9	78.5	79.1	79.8	81.0	83.0	83.2	84.2	84.2	84.5	85.0
GE 600	57.7	67.0	70.9	72.6	76.1	76.1	80.0	80.6	81.3	82.8	85.9	86.0	87.5	87.5	88.0	88.6
GE 500	57.7	67.2	71.2	73.2	76.8	76.8	81.0	82.2	82.8	84.3	87.4	87.5	89.2	89.2	89.9	90.4
GE 400	57.7	67.3	71.4	73.4	76.9	77.1	81.8	83.2	84.0	85.5	89.6	89.7	91.9	92.1	93.4	94.1
GE 300	57.9	67.5	71.5	73.6	77.1	77.3	82.0	83.3	84.2	85.9	90.4	90.6	92.8	92.9	94.4	95.6
GE 200	57.9	67.5	71.5	73.6	77.1	77.3	82.0	83.3	84.2	86.0	91.4	91.6	94.1	94.3	96.0	97.1
GE 100	57.9	67.5	71.5	73.6	77.1	77.3	82.0	83.3	84.2	86.0	91.4	91.6	94.3	94.6	96.3	97.5
GE 0	57.9	67.5	71.5	73.6	77.1	77.3	82.0	83.3	84.2	86.0	92.4	92.9	95.8	96.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.5	39.9	40.1	40.9	43.3	43.3	44.4	45.1	45.1	45.6	48.0	48.0	48.8	48.8	48.8	48.8
GE 20000	36.7	41.2	41.6	42.4	44.8	44.8	46.0	46.6	46.6	47.1	49.5	49.5	50.3	50.3	50.3	50.3
GE 18000	38.2	42.8	43.1	43.9	46.3	46.3	47.6	48.3	48.3	48.8	51.2	51.2	52.0	52.0	52.0	52.0
GE 16000	38.6	43.1	43.4	44.3	46.6	46.6	48.0	48.7	48.7	49.2	51.5	51.5	52.4	52.4	52.4	52.4
GE 14000	39.1	43.6	43.9	44.8	47.1	47.1	48.5	49.2	49.2	49.7	52.0	52.0	52.9	52.9	52.9	52.9
GE 12000	39.4	43.9	44.3	45.1	47.5	47.5	48.8	49.5	49.5	50.0	52.4	52.4	53.2	53.2	53.2	53.2
GE 10000	41.1	45.6	46.0	46.8	49.2	49.2	50.5	51.2	51.2	51.7	54.2	54.2	55.1	55.1	55.1	55.1
GE 9000	41.4	46.0	46.3	47.1	49.5	49.5	50.8	51.5	51.5	52.0	54.5	54.5	55.4	55.4	55.4	55.4
GE 8000	42.4	47.0	47.3	48.3	50.7	50.7	52.0	52.7	52.7	53.2	55.7	55.7	56.6	56.6	56.6	56.6
GE 7000	43.4	48.0	48.3	49.3	51.7	51.7	53.4	54.4	54.4	54.9	57.6	57.6	58.4	58.4	58.4	58.4
GE 6000	44.3	49.2	49.5	50.5	52.9	53.0	54.5	55.6	55.6	56.1	58.8	58.8	59.6	59.6	59.6	59.6
GE 5000	45.3	50.2	50.5	51.5	53.9	54.0	55.6	56.6	56.6	57.1	59.8	59.8	60.6	60.6	60.6	60.6
GE 4500	46.1	51.0	51.3	52.4	54.7	54.9	56.4	57.4	57.4	57.9	60.6	60.6	61.4	61.4	61.4	61.4
GE 4000	47.5	52.5	52.9	53.9	56.2	56.4	57.9	58.9	58.9	59.4	62.1	62.1	63.0	63.0	63.0	63.0
GE 3500	50.0	55.4	55.7	56.7	59.1	59.3	60.8	61.8	61.8	62.5	65.2	65.2	66.0	66.0	66.2	66.2
GE 3000	50.5	56.1	56.4	57.4	59.8	60.1	61.6	62.8	62.8	63.5	66.2	66.2	67.0	67.0	67.2	67.2
GE 2500	51.9	57.9	58.2	59.3	61.6	62.0	63.5	64.6	64.6	65.3	68.0	68.0	68.9	68.9	69.0	69.0
GE 2000	53.4	60.4	60.8	62.0	64.5	64.8	66.3	67.5	67.5	68.2	71.5	71.5	72.4	72.4	72.9	72.9
GE 1800	53.5	60.6	60.9	62.1	64.8	65.2	67.0	68.2	68.2	68.9	72.2	72.2	73.1	73.1	73.6	73.6
GE 1500	53.7	61.3	61.6	62.8	65.5	66.0	68.0	69.2	69.2	70.2	73.7	73.7	74.6	74.6	75.1	75.1
GE 1200	53.9	62.3	63.0	64.3	67.0	67.8	70.0	71.4	71.4	72.4	76.4	76.6	77.4	77.4	77.9	77.9
GE 1000	54.4	63.3	64.1	66.0	69.2	70.2	72.6	73.9	74.1	75.3	80.0	80.1	81.1	81.1	82.0	82.0
GE 900	54.7	64.1	65.3	67.3	70.7	71.7	74.1	75.6	75.8	76.9	81.8	82.0	83.0	83.0	83.8	83.8
GE 800	55.2	64.6	65.8	67.8	71.4	72.6	74.9	76.6	76.8	77.9	83.0	83.2	84.2	84.2	85.0	85.0
GE 700	55.4	64.8	66.2	68.5	72.1	73.2	75.6	77.3	77.4	78.6	83.8	84.0	85.0	85.0	86.0	86.0
GE 600	55.6	65.0	66.5	69.0	72.7	74.1	76.9	78.8	79.0	80.6	86.7	86.9	88.2	88.2	89.2	89.2
GE 500	55.9	65.5	67.0	69.5	73.6	74.9	77.8	80.0	80.3	82.2	88.2	88.4	89.7	89.7	90.7	90.7
GE 400	56.2	66.0	67.8	70.4	74.4	75.9	79.3	82.0	82.5	84.5	91.4	91.6	92.9	92.9	93.9	93.9
GE 300	56.2	66.0	67.8	70.4	74.4	76.1	79.6	82.3	83.0	85.0	92.6	92.8	94.1	94.1	95.1	95.6
GE 200	56.2	66.0	67.8	70.4	74.4	76.1	79.8	82.5	83.2	85.2	93.3	93.4	95.5	95.5	96.5	97.1
GE 100	56.2	66.0	67.8	70.4	74.4	76.1	80.0	82.7	83.3	85.4	93.8	93.9	96.1	96.1	97.5	98.5
GE 0	56.2	66.0	67.8	70.4	74.4	76.1	80.0	82.7	83.3	85.4	93.9	94.1	96.3	96.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.9	39.9	40.9	41.8	43.4	43.4	45.3	45.6	46.1	46.6	47.6	47.8	49.2	49.2	49.5	49.5
GE 20000	37.7	41.8	42.9	43.8	45.6	45.6	47.5	47.8	48.3	48.8	49.8	50.0	51.3	51.3	51.7	51.7
GE 18000	39.7	43.8	44.9	45.8	47.6	47.6	49.5	49.8	50.3	50.8	51.9	52.0	53.4	53.4	53.7	53.7
GE 16000	39.7	43.9	45.1	46.0	47.8	47.8	49.7	50.0	50.5	51.0	52.0	52.2	53.5	53.5	53.9	53.9
GE 14000	39.7	43.9	45.1	46.0	47.8	47.8	49.7	50.0	50.5	51.0	52.0	52.2	53.5	53.5	53.9	53.9
GE 12000	40.9	45.1	46.3	47.1	49.0	49.0	50.8	51.2	51.7	52.2	53.2	53.4	54.7	54.7	55.1	55.1
GE 10000	41.6	45.8	47.0	47.8	49.7	49.7	51.5	51.9	52.4	52.9	54.0	54.2	55.7	55.7	56.2	56.2
GE 9000	41.9	46.1	47.3	48.1	50.0	50.0	52.0	52.4	52.9	53.4	54.5	54.7	56.2	56.2	56.7	56.7
GE 8000	43.4	48.1	49.3	50.2	52.0	52.0	54.0	54.4	54.9	55.4	56.6	56.7	58.2	58.2	58.8	58.8
GE 7000	44.6	49.8	51.0	52.0	54.0	54.0	56.1	56.4	56.9	57.4	58.6	58.8	60.4	60.4	61.3	61.3
GE 6000	44.9	50.3	51.5	52.9	54.9	54.9	56.9	57.2	57.7	58.2	59.4	59.6	61.3	61.3	62.1	62.1
GE 5000	45.6	51.0	52.2	53.5	55.6	55.6	57.6	57.9	58.4	58.9	60.1	60.3	62.0	62.0	62.8	62.8
GE 4500	46.1	51.7	52.9	54.2	56.2	56.2	58.2	58.6	59.1	59.6	60.8	60.9	62.6	62.6	63.5	63.5
GE 4000	47.0	52.9	54.0	55.4	57.4	57.4	59.6	59.9	60.4	60.9	62.3	62.5	64.1	64.1	65.0	65.0
GE 3500	48.0	54.0	55.2	56.6	58.6	58.6	60.8	61.1	61.6	62.1	63.5	63.6	65.3	65.3	66.2	66.2
GE 3000	48.8	55.7	56.9	58.4	60.4	60.4	62.6	63.0	63.5	64.0	65.3	65.5	67.2	67.2	68.0	68.0
GE 2500	49.8	57.6	58.9	60.6	62.8	62.8	65.0	65.3	65.8	66.3	67.7	67.8	69.5	69.5	70.4	70.4
GE 2000	50.8	59.8	61.1	62.8	65.2	65.2	67.5	67.8	68.4	68.9	70.2	70.4	72.1	72.1	72.9	72.9
GE 1800	51.2	60.3	61.6	63.3	65.7	65.7	68.0	68.4	68.9	69.4	70.9	71.0	72.7	72.9	73.7	73.7
GE 1500	51.3	60.4	61.8	63.5	65.8	65.8	68.2	68.5	69.0	69.5	71.5	71.7	73.6	73.7	74.6	74.6
GE 1200	52.0	61.1	62.8	65.0	67.5	68.0	70.9	71.4	72.1	72.7	75.6	75.9	77.8	77.9	78.8	78.8
GE 1000	52.4	61.8	63.5	65.8	68.4	68.9	72.2	72.7	73.4	74.1	76.9	77.3	79.6	79.8	80.6	80.6
GE 900	52.4	62.1	64.0	67.0	69.7	70.4	73.7	74.9	75.6	76.3	79.1	79.5	81.8	82.0	82.8	82.8
GE 800	52.5	62.5	64.5	67.5	70.5	71.2	74.6	75.9	76.6	77.3	80.8	81.3	83.7	83.8	84.7	84.7
GE 700	52.5	62.5	64.5	67.7	70.7	71.4	74.7	76.1	76.9	77.6	81.1	81.6	84.2	84.3	85.2	85.2
GE 600	52.9	63.1	65.5	68.9	72.4	73.2	77.3	79.1	80.3	81.1	85.2	85.7	88.2	88.4	89.2	89.2
GE 500	53.2	63.5	65.8	69.2	72.9	73.9	77.9	80.1	81.5	82.5	86.9	87.4	89.9	90.1	90.9	90.9
GE 400	53.4	63.8	66.2	69.5	73.2	74.2	78.6	81.0	82.3	83.7	88.9	89.6	92.3	92.4	93.3	93.3
GE 300	53.5	64.0	66.3	69.9	73.6	74.6	79.1	81.8	83.3	84.7	90.6	91.2	93.9	94.1	94.9	95.5
GE 200	53.7	64.3	66.7	70.2	73.9	75.1	79.6	82.3	83.8	85.2	91.4	92.1	94.9	95.1	96.0	96.5
GE 100	53.7	64.3	66.7	70.2	73.9	75.1	79.6	82.3	83.8	85.2	92.1	92.8	96.0	96.1	97.1	97.8
GE 0	53.7	64.3	66.7	70.2	73.9	75.1	79.6	82.3	83.8	85.2	92.3	92.9	96.3	96.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.4	41.3	42.8	44.2	45.7	45.7	46.9	47.7	47.7	48.1	49.1	49.2	49.9	49.9	50.4	50.9
GE 20000	36.8	42.7	44.2	45.5	47.0	47.0	48.2	49.1	49.1	49.4	50.4	50.6	51.3	51.3	51.8	52.3
GE 18000	37.3	43.5	45.2	46.5	48.1	48.1	49.2	50.1	50.1	50.4	51.4	51.6	52.3	52.3	52.8	53.3
GE 16000	37.3	43.5	45.2	46.5	48.1	48.1	49.2	50.1	50.1	50.4	51.4	51.6	52.3	52.3	52.8	53.3
GE 14000	37.3	43.5	45.2	46.5	48.1	48.1	49.2	50.1	50.1	50.4	51.4	51.6	52.3	52.3	52.8	53.3
GE 12000	37.6	43.8	45.5	46.9	48.4	48.4	49.6	50.4	50.4	50.8	51.8	51.9	52.6	52.6	53.1	53.6
GE 10000	39.0	45.4	47.0	48.4	49.9	49.9	51.1	51.9	51.9	52.3	53.3	53.5	54.1	54.1	54.6	55.3
GE 9000	39.5	45.9	47.6	48.9	50.4	50.4	51.6	52.4	52.4	52.8	53.8	54.0	54.6	54.6	55.1	55.8
GE 8000	39.8	46.2	47.9	49.2	50.9	50.9	52.1	53.0	53.0	53.3	54.3	54.5	55.1	55.1	55.6	56.3
GE 7000	40.3	46.9	48.6	50.3	51.9	52.1	53.3	54.3	54.3	54.6	55.6	55.8	56.5	56.5	57.0	57.7
GE 6000	41.3	47.9	49.6	51.3	53.3	53.5	54.6	55.6	55.6	56.0	57.0	57.2	57.8	57.8	58.3	59.0
GE 5000	42.7	49.4	51.1	52.8	54.8	55.0	56.2	57.2	57.2	57.5	58.5	58.7	59.4	59.4	59.9	60.5
GE 4500	42.8	49.7	51.4	53.1	55.1	55.3	56.5	57.5	57.5	57.8	58.9	59.0	59.7	59.7	60.2	60.9
GE 4000	43.5	50.8	52.6	54.3	56.3	56.5	57.8	58.9	58.9	59.2	60.4	60.5	61.4	61.4	61.9	62.6
GE 3500	45.7	53.0	54.8	56.5	58.9	59.0	60.4	61.4	61.4	61.7	62.9	63.1	63.9	63.9	64.4	65.1
GE 3000	46.4	55.0	56.8	59.2	61.7	61.9	63.4	64.4	64.4	64.8	65.9	66.1	66.9	66.9	67.5	68.1
GE 2500	46.9	55.8	58.0	60.5	63.2	63.6	65.1	66.1	66.1	66.4	67.6	67.8	68.6	68.6	69.1	69.8
GE 2000	47.7	57.5	59.7	62.4	65.1	65.4	67.6	68.6	68.6	69.1	70.3	70.5	71.3	71.3	71.8	72.5
GE 1800	48.4	58.5	60.9	63.7	66.4	66.8	69.1	70.2	70.2	70.7	72.0	72.2	73.0	73.0	73.5	74.2
GE 1500	48.4	58.5	61.0	64.1	66.9	67.3	69.6	70.7	70.7	71.2	72.5	72.7	73.5	73.5	74.0	74.7
GE 1200	49.9	60.9	63.9	67.5	70.3	70.7	73.5	75.0	75.0	75.7	77.6	77.7	78.6	78.6	79.1	79.8
GE 1000	50.8	61.9	64.9	68.3	71.5	71.8	74.9	76.6	76.6	77.6	79.9	80.1	80.9	80.9	81.6	82.3
GE 900	51.1	62.6	65.9	69.5	73.0	73.4	76.4	78.2	78.6	79.8	82.3	82.5	83.3	83.3	84.0	84.7
GE 800	51.4	62.9	66.4	70.2	73.7	74.0	77.2	79.3	79.6	80.8	83.5	83.6	84.8	84.8	85.5	86.2
GE 700	51.6	63.1	66.6	70.3	74.0	74.4	77.7	79.8	80.1	81.5	84.7	84.8	86.2	86.2	86.8	87.5
GE 600	52.1	63.7	67.5	71.5	76.4	76.7	80.4	83.0	83.3	85.2	88.9	89.2	90.6	90.6	91.2	92.2
GE 500	52.4	64.1	67.8	71.8	77.1	77.4	81.3	84.3	84.7	86.5	90.4	90.7	92.1	92.1	92.9	94.3
GE 400	52.6	64.2	68.0	72.0	77.2	77.6	81.5	84.5	84.8	86.7	91.2	91.6	93.1	93.1	93.9	95.4
GE 300	52.6	64.2	68.0	72.0	77.2	77.6	81.5	84.5	84.8	86.8	92.2	92.6	94.3	94.3	95.4	97.1
GE 200	52.6	64.2	68.0	72.0	77.2	77.6	81.5	84.5	84.8	87.0	92.6	92.9	94.8	94.8	96.0	97.6
GE 100	52.6	64.2	68.0	72.0	77.2	77.6	81.5	84.5	84.8	87.0	93.3	93.6	95.4	95.4	97.0	99.0
GE 0	52.6	64.2	68.0	72.0	77.2	77.6	81.5	84.5	84.8	87.0	93.3	93.6	95.4	95.4	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 593

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.2	47.1	53.1	54.1	56.1	56.1	56.6	57.3	57.3	57.3	58.0	58.3	58.5	58.5	58.7	59.5
GE 20000	43.0	48.0	53.9	54.9	57.0	57.0	57.5	58.2	58.2	58.2	58.9	59.2	59.4	59.4	59.5	60.4
GE 18000	43.2	48.3	54.4	55.4	58.0	58.0	58.5	59.2	59.2	59.2	59.9	60.2	60.4	60.4	60.5	61.4
GE 16000	43.2	48.3	54.4	55.4	58.0	58.0	58.5	59.2	59.2	59.2	59.9	60.2	60.4	60.4	60.5	61.4
GE 14000	43.2	48.3	54.4	55.4	58.0	58.0	58.5	59.2	59.2	59.2	59.9	60.2	60.4	60.4	60.5	61.4
GE 12000	43.2	48.3	54.4	55.4	58.0	58.0	58.5	59.2	59.2	59.2	59.9	60.2	60.4	60.4	60.5	61.4
GE 10000	44.2	49.7	55.8	56.8	59.4	59.4	59.9	60.5	60.5	60.5	61.2	61.6	61.7	61.7	61.9	62.8
GE 9000	44.6	50.0	56.1	57.1	59.7	59.7	60.2	60.9	60.9	60.9	61.6	61.9	62.1	62.1	62.2	63.1
GE 8000	44.7	50.2	56.3	57.3	60.0	60.0	60.5	61.2	61.2	61.2	61.9	62.2	62.4	62.4	62.6	63.4
GE 7000	45.9	51.4	57.5	58.5	61.2	61.2	61.7	62.4	62.4	62.4	63.1	63.4	63.6	63.6	63.8	64.6
GE 6000	46.3	51.7	57.8	58.8	61.6	61.6	62.1	62.8	62.8	62.8	63.4	63.8	63.9	63.9	64.1	65.0
GE 5000	47.4	52.9	59.0	60.5	63.3	63.3	63.8	64.5	64.5	64.5	65.1	65.5	65.6	65.6	65.8	66.7
GE 4500	48.1	53.6	60.0	61.6	64.3	64.3	64.8	65.5	65.5	65.5	66.2	66.5	66.7	66.7	66.8	67.7
GE 4000	49.1	55.3	61.7	63.3	66.0	66.0	66.5	67.2	67.2	67.3	68.0	68.4	68.5	68.5	68.7	69.6
GE 3500	51.2	58.2	64.6	66.2	69.6	69.6	70.1	70.7	70.7	70.9	71.6	71.9	72.1	72.1	72.3	73.1
GE 3000	51.9	59.0	65.5	67.2	70.9	70.9	71.4	72.1	72.1	72.3	73.0	73.3	73.5	73.5	73.6	74.5
GE 2500	52.2	59.5	66.5	68.4	72.1	72.1	72.6	73.3	73.3	73.5	74.1	74.5	74.8	74.8	75.0	75.9
GE 2000	52.2	60.0	67.0	69.0	73.1	73.3	74.0	74.7	74.7	75.3	76.2	76.5	76.9	76.9	77.0	77.9
GE 1800	53.6	61.4	68.4	70.4	75.3	75.5	76.5	77.2	77.2	77.9	78.7	79.1	79.4	79.4	79.6	80.4
GE 1500	54.3	62.2	69.4	71.4	76.7	76.9	77.9	78.6	78.6	79.3	80.1	80.4	80.8	80.8	81.0	81.8
GE 1200	55.1	63.6	70.9	73.1	78.7	78.9	80.3	81.0	81.0	81.6	83.0	83.3	83.7	83.7	83.8	84.7
GE 1000	55.4	64.1	71.6	74.0	79.6	79.8	81.1	81.8	81.8	82.7	84.0	84.4	84.7	84.7	84.9	85.9
GE 900	55.6	64.5	72.1	74.7	80.3	80.4	82.0	82.7	82.7	83.7	85.2	85.5	85.9	85.9	86.1	87.4
GE 800	55.8	65.3	73.3	76.0	81.6	81.8	83.3	84.5	84.5	85.5	87.4	87.8	88.1	88.1	88.3	89.8
GE 700	55.8	65.5	73.5	76.2	82.0	82.1	83.8	85.0	85.0	86.1	88.3	88.6	88.9	88.9	89.1	90.6
GE 600	56.1	65.8	74.1	77.0	83.7	83.8	85.5	87.4	87.4	88.8	91.2	91.5	92.0	92.0	92.2	93.7
GE 500	56.5	66.2	74.5	77.4	84.0	84.2	86.1	87.9	87.9	89.6	92.2	92.5	93.5	93.5	94.0	96.6
GE 400	56.5	66.2	74.5	77.4	84.0	84.4	86.2	88.1	88.1	89.8	92.3	92.7	93.7	93.7	94.9	98.0
GE 300	56.5	66.2	74.5	77.4	84.0	84.4	86.4	88.3	88.3	90.0	92.5	92.9	93.9	94.0	95.4	98.6
GE 200	56.5	66.2	74.5	77.4	84.0	84.4	86.4	88.3	88.3	90.1	92.9	93.2	94.2	94.4	95.9	99.8
GE 100	56.5	66.2	74.5	77.4	84.0	84.4	86.4	88.3	88.3	90.1	92.9	93.2	94.2	94.4	95.9	100.0
GE 0	56.5	66.2	74.5	77.4	84.0	84.4	86.4	88.3	88.3	90.1	92.9	93.2	94.2	94.4	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 588

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	42.7	48.1	51.9	52.7	54.8	55.1	55.6	56.1	56.1	56.1	57.0	57.0	57.5	57.5	57.7	58.5
GE 20000	43.5	49.1	52.9	53.7	55.8	56.1	56.6	57.1	57.1	57.1	58.0	58.0	58.5	58.5	58.7	59.5
GE 18000	43.7	49.7	53.4	54.3	56.8	57.1	57.7	58.2	58.2	58.2	59.0	59.0	59.5	59.5	59.7	60.5
GE 16000	43.7	49.7	53.4	54.3	56.8	57.1	57.7	58.2	58.2	58.2	59.0	59.0	59.5	59.5	59.7	60.5
GE 14000	43.7	49.7	53.4	54.3	56.8	57.1	57.7	58.2	58.2	58.2	59.0	59.0	59.5	59.5	59.7	60.5
GE 12000	44.0	50.0	53.7	54.6	57.1	57.5	58.0	58.5	58.5	58.5	59.4	59.4	59.9	59.9	60.0	60.9
GE 10000	44.2	50.2	53.9	54.8	57.3	57.7	58.2	58.7	58.7	58.7	59.5	59.5	60.0	60.0	60.2	61.1
GE 9000	44.6	50.5	54.3	55.1	57.7	58.0	58.5	59.0	59.0	59.0	59.9	59.9	60.4	60.4	60.5	61.4
GE 8000	45.2	51.2	54.9	55.8	58.5	58.8	59.4	59.9	59.9	59.9	60.7	60.7	61.2	61.2	61.4	62.2
GE 7000	46.4	52.9	56.6	57.5	60.7	61.1	61.6	62.1	62.1	62.1	62.9	62.9	63.4	63.4	63.6	64.5
GE 6000	46.6	53.1	56.8	57.7	60.9	61.2	61.7	62.2	62.2	62.2	63.1	63.1	63.6	63.6	63.8	64.6
GE 5000	47.8	54.3	58.0	59.7	62.9	63.3	63.8	64.3	64.3	64.3	65.1	65.1	65.6	65.6	65.8	66.7
GE 4500	49.5	56.0	59.7	61.4	64.6	65.0	65.5	66.0	66.0	66.0	66.8	66.8	67.3	67.3	67.5	68.4
GE 4000	51.2	58.8	63.3	65.0	68.2	68.5	69.0	69.6	69.6	69.6	70.4	70.4	70.9	70.9	71.1	71.9
GE 3500	51.9	60.5	65.0	66.7	69.9	70.2	70.7	71.3	71.3	71.3	72.1	72.1	72.6	72.6	72.8	73.6
GE 3000	52.6	61.2	65.6	67.3	70.7	71.1	71.6	72.1	72.1	72.1	73.1	73.1	73.6	73.6	73.8	74.7
GE 2500	53.2	62.4	67.2	68.9	72.3	72.6	73.1	73.6	73.6	73.6	74.7	74.7	75.2	75.2	75.3	76.2
GE 2000	54.1	63.3	68.0	69.7	73.3	73.6	74.1	74.7	74.7	74.7	75.2	75.2	75.7	75.7	75.9	76.7
GE 1800	54.4	63.6	68.4	70.1	73.8	74.1	74.8	75.3	75.3	75.3	75.9	75.9	76.4	76.4	76.6	77.4
GE 1500	55.3	64.5	69.4	71.1	75.0	75.3	76.4	76.9	76.9	76.9	77.4	77.4	77.9	77.9	78.1	78.9
GE 1200	56.5	66.0	71.9	74.0	78.6	78.9	79.9	80.4	80.4	80.4	81.0	81.0	81.5	81.5	81.7	82.5
GE 1000	57.3	67.0	73.0	75.0	80.1	80.4	81.5	82.0	82.0	82.0	82.5	82.5	83.0	83.0	83.2	83.9
GE 900	57.7	67.7	73.8	75.9	81.0	81.3	82.3	83.0	83.0	83.0	83.5	83.5	84.0	84.0	84.2	84.9
GE 800	57.7	67.9	74.5	76.7	82.3	82.7	83.8	84.5	84.5	84.5	85.0	85.0	85.5	85.5	85.7	86.4
GE 700	58.0	68.2	75.2	77.6	83.2	83.5	84.9	86.6	86.6	86.6	87.1	87.1	87.6	87.6	87.8	88.5
GE 600	58.3	68.5	75.7	78.2	85.5	85.9	87.2	89.8	89.8	89.8	90.5	90.5	91.0	91.0	91.2	91.9
GE 500	58.8	69.0	76.2	78.7	86.1	86.4	87.8	90.3	90.3	90.3	91.5	91.5	92.0	92.0	92.2	92.9
GE 400	59.0	69.2	76.4	78.9	86.2	86.6	87.9	90.5	90.5	90.5	91.7	91.7	92.2	92.2	92.4	93.1
GE 300	59.2	69.4	76.5	79.1	86.4	86.7	88.1	90.6	90.6	90.6	91.8	91.8	92.4	92.4	92.6	93.3
GE 200	59.2	69.4	76.5	79.1	86.4	86.7	88.1	90.6	90.6	90.6	91.8	91.8	92.4	92.4	92.6	93.3
GE 100	59.2	69.4	76.5	79.1	86.4	86.7	88.1	90.6	90.6	90.6	91.8	91.8	92.4	92.4	92.6	93.3
GE 0	59.2	69.4	76.5	79.1	86.4	86.7	88.1	90.6	90.6	90.6	91.8	91.8	92.4	92.4	92.6	93.3

TOTAL NUMBER OF OBSERVATIONS: 588

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): 1800-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	29.6	32.6	33.0	33.8	34.7	34.9	35.2	35.2	35.2	35.2	35.8	35.8	36.4	36.4	36.4
GE 20000	32.7	35.9	36.6	37.3	38.6	38.7	39.3	39.3	39.3	39.6	40.2	40.2	40.9	40.9	40.9
GE 18000	34.4	38.1	38.7	39.5	40.7	40.9	41.5	41.5	41.5	41.8	42.4	42.4	43.0	43.0	43.0
GE 16000	34.6	38.2	38.9	39.6	40.9	41.0	41.6	41.6	41.6	41.9	42.9	42.9	43.5	43.6	43.6
GE 14000	34.6	38.2	38.9	39.6	40.9	41.0	41.6	41.6	41.6	41.9	42.9	42.9	43.5	43.6	43.6
GE 12000	35.2	38.9	39.5	40.2	41.5	41.6	42.2	42.2	42.2	42.5	43.5	43.5	44.1	44.2	44.2
GE 10000	35.6	39.5	40.1	40.9	42.1	42.2	42.9	42.9	42.9	43.2	44.1	44.1	44.7	44.9	44.9
GE 9000	36.7	40.9	41.5	42.2	43.6	43.8	44.5	44.5	44.5	44.9	45.8	45.8	46.4	46.5	46.5
GE 8000	40.1	44.4	45.2	46.2	48.1	48.2	49.0	49.0	49.0	49.3	50.2	50.2	50.8	51.0	51.0
GE 7000	42.5	47.2	47.9	49.0	50.8	51.0	51.8	51.8	51.8	52.1	53.1	53.1	53.8	53.9	53.9
GE 6000	43.8	48.4	49.5	50.5	52.5	52.7	53.5	53.5	53.5	53.8	54.8	54.8	55.5	55.6	55.6
GE 5000	44.5	49.2	50.2	51.3	53.6	53.8	54.8	54.8	54.8	55.1	56.2	56.2	56.8	57.0	57.0
GE 4500	45.5	50.4	51.5	52.5	54.8	55.0	56.1	56.1	56.1	56.4	57.5	57.5	58.1	58.4	58.4
GE 4000	47.0	52.5	53.6	54.7	57.3	57.5	58.8	59.0	59.0	59.3	60.5	60.5	61.4	61.8	61.8
GE 3500	49.3	56.2	57.3	58.4	61.1	61.3	63.0	63.1	63.1	63.4	64.8	64.8	65.7	66.1	66.1
GE 3000	51.0	58.5	59.6	60.7	63.6	63.7	65.4	65.9	65.9	66.7	68.0	68.0	69.0	69.3	69.3
GE 2500	51.9	59.4	60.8	61.9	64.8	65.0	66.7	67.3	67.3	68.0	69.4	69.4	70.7	71.0	71.0
GE 2000	52.1	59.9	61.3	62.4	65.4	65.6	67.4	68.0	68.0	68.8	70.2	70.2	71.4	71.7	71.7
GE 1800	52.2	60.1	61.4	62.5	65.6	65.7	67.6	68.4	68.4	69.1	70.5	70.5	71.7	72.0	72.0
GE 1500	53.1	61.8	63.1	64.2	67.4	67.6	69.6	70.4	70.8	72.0	73.4	73.4	74.7	75.0	75.0
GE 1200	53.1	62.2	63.7	65.0	68.2	68.4	70.5	71.7	72.4	73.7	75.6	75.6	76.8	77.3	77.3
GE 1000	53.1	62.8	64.4	66.1	69.4	69.7	72.5	73.7	74.3	75.7	77.6	77.6	78.8	79.3	79.3
GE 900	53.3	63.3	64.8	66.5	69.9	70.2	73.0	74.2	74.8	76.2	78.0	78.0	79.3	79.7	79.7
GE 800	53.3	63.6	65.1	66.8	70.2	70.5	73.4	74.7	75.3	76.7	78.6	78.6	79.9	80.3	80.3
GE 700	53.8	64.5	66.1	68.0	71.4	72.0	75.0	76.2	76.8	78.2	80.5	80.5	82.0	82.5	82.6
GE 600	54.2	65.4	67.0	69.1	73.1	73.9	76.8	78.3	79.0	80.3	82.9	82.9	84.8	85.3	85.4
GE 500	54.2	65.4	67.3	69.6	73.9	74.7	77.7	79.4	80.2	82.0	85.3	85.3	87.6	88.0	88.2
GE 400	54.4	66.8	68.7	71.1	75.4	76.2	79.6	81.7	82.5	84.6	88.6	88.6	91.1	91.6	91.9
GE 300	54.4	67.3	69.1	71.6	76.0	77.0	80.3	82.6	83.4	85.6	89.7	89.7	92.2	92.6	92.9
GE 200	54.4	67.3	69.1	71.6	76.0	77.0	80.5	83.1	83.9	86.3	91.2	91.2	93.7	94.2	94.8
GE 100	54.4	67.3	69.1	71.6	76.0	77.0	80.5	83.1	83.9	86.3	91.4	91.4	94.0	94.6	95.2
GE 0	54.4	67.3	69.1	71.6	76.0	77.0	80.5	83.1	83.9	86.3	91.6	91.6	94.2	94.8	95.5

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	
NO CEIL	29.2	32.9	33.8	33.9	34.9	34.9	35.0	35.0	35.0	35.0	36.9	36.9	37.5	37.5	37.5	
GE 20000	30.4	34.3	35.3	35.5	36.4	36.4	36.9	36.9	36.9	36.9	38.7	38.7	39.3	39.3	39.3	
GE 18000	32.3	36.3	37.3	37.5	38.4	38.4	38.9	38.9	38.9	38.9	40.7	40.7	41.3	41.3	41.3	
GE 16000	32.7	36.7	37.8	37.9	38.9	38.9	39.3	39.3	39.3	39.3	41.2	41.2	41.8	41.8	41.8	
GE 14000	32.7	36.7	37.8	37.9	38.9	38.9	39.3	39.3	39.3	39.3	41.2	41.2	41.8	41.8	41.8	
GE 12000	33.3	37.3	38.4	38.6	39.5	39.5	40.1	40.1	40.1	40.1	41.9	41.9	42.5	42.5	42.5	
GE 10000	34.4	38.6	39.6	39.8	40.9	40.9	41.5	41.5	41.5	41.5	43.3	43.3	43.9	43.9	43.9	
GE 9000	35.3	39.6	40.7	40.9	41.9	41.9	42.5	42.5	42.5	42.5	44.4	44.4	45.0	45.0	45.0	
GE 8000	39.9	44.4	45.8	45.9	47.3	47.3	47.9	47.9	47.9	47.9	49.8	49.8	50.4	50.4	50.4	
GE 7000	43.2	47.8	49.2	49.3	51.2	51.2	51.8	51.8	51.8	51.8	53.6	53.6	54.2	54.2	54.2	
GE 6000	45.2	49.8	51.3	51.5	53.3	53.3	53.9	53.9	53.9	53.9	55.8	55.8	56.4	56.4	56.4	
GE 5000	45.8	50.4	51.9	52.1	54.1	54.1	54.7	54.7	54.7	54.7	56.7	56.7	57.3	57.3	57.3	
GE 4500	45.8	50.5	52.2	52.5	54.5	54.5	55.1	55.1	55.1	55.1	57.1	57.1	57.8	57.8	57.8	
GE 4000	47.2	52.4	54.8	55.3	57.3	57.3	57.9	57.9	58.1	58.1	60.1	60.1	60.7	60.7	60.7	
GE 3500	49.8	55.8	58.2	58.7	61.3	61.4	62.1	62.1	62.2	62.2	64.2	64.2	64.8	64.8	64.8	
GE 3000	51.5	57.8	60.2	61.0	63.6	63.7	64.4	64.4	64.5	65.0	67.0	67.0	67.6	67.6	67.6	
GE 2500	52.2	58.5	61.1	61.9	64.5	64.7	65.4	65.4	65.6	66.1	68.0	68.0	69.0	69.0	69.0	
GE 2000	53.8	60.4	63.1	63.9	66.5	66.7	67.4	67.7	67.9	68.4	70.4	70.4	71.3	71.3	71.3	
GE 1800	53.8	60.4	63.1	63.9	66.5	66.7	67.6	67.9	68.0	68.7	70.7	70.7	71.6	71.6	71.6	
GE 1500	54.2	60.8	63.6	64.4	67.0	67.1	68.0	68.4	69.0	69.6	71.6	71.6	72.5	72.5	72.5	
GE 1200	55.0	62.4	65.3	66.2	69.0	69.1	70.7	71.0	71.6	72.5	75.4	75.6	76.5	76.7	76.7	
GE 1000	55.3	63.3	66.2	67.4	70.2	70.4	71.9	72.2	72.8	73.9	76.8	77.0	77.9	78.0	78.0	
GE 900	55.3	63.4	66.4	67.6	70.4	70.5	72.0	72.4	73.0	74.0	77.3	77.6	78.5	78.6	78.6	
GE 800	55.5	64.2	67.1	68.4	71.4	71.6	73.1	73.4	74.0	75.1	78.5	78.8	79.7	79.9	79.9	
GE 700	55.8	64.5	67.4	68.7	72.2	72.4	73.9	74.2	74.8	75.9	79.3	79.7	80.6	80.8	81.3	
GE 600	56.7	65.6	68.7	69.9	73.4	73.6	75.6	76.3	77.1	78.2	81.7	82.2	83.1	83.3	83.7	
GE 500	56.7	65.6	68.7	69.9	73.4	73.7	75.9	76.7	77.4	79.0	83.4	83.9	85.7	85.9	86.5	
GE 400	56.8	66.5	69.6	71.1	75.3	75.6	77.7	79.1	79.9	81.4	86.8	87.3	89.4	89.7	90.5	
GE 300	56.8	66.5	69.7	71.3	76.0	76.7	78.8	80.3	81.1	82.8	88.6	89.1	91.6	92.0	92.9	
GE 200	56.8	66.5	69.7	71.3	76.2	76.8	79.0	80.8	81.6	83.3	89.4	89.9	92.8	93.2	94.3	
GE 100	56.8	66.5	69.7	71.3	76.2	76.8	79.0	81.0	81.7	83.4	89.9	90.3	93.2	93.9	94.9	
GE 0	56.8	66.5	69.7	71.3	76.2	76.8	79.0	81.0	81.7	83.4	90.2	90.6	93.9	94.5	95.5	

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE
NO CEIL	32.7	35.6	36.4	36.7	37.6	37.8	38.2	38.5	38.5	38.6	39.6	39.7	40.0	40.0	40.2	40.1
GE 20000	34.4	37.5	38.4	38.7	39.6	39.8	40.3	40.6	40.6	40.7	41.8	41.8	42.1	42.2	42.4	42.1
GE 18000	35.6	39.0	39.9	40.2	41.2	41.4	41.8	42.3	42.3	42.4	43.5	43.5	43.8	43.9	44.1	44.1
GE 16000	35.9	39.3	40.1	40.5	41.4	41.6	42.1	42.5	42.5	42.6	43.8	43.8	44.1	44.2	44.4	44.4
GE 14000	35.9	39.3	40.2	40.6	41.5	41.7	42.1	42.6	42.6	42.7	43.8	43.9	44.2	44.2	44.5	45.1
GE 12000	36.2	39.6	40.5	40.9	41.8	42.0	42.5	42.9	43.0	43.1	44.2	44.2	44.5	44.6	44.8	45.1
GE 10000	36.8	40.2	41.1	41.5	42.4	42.6	43.1	43.5	43.6	43.7	44.9	44.9	45.2	45.3	45.5	46.1
GE 9000	37.5	41.0	41.9	42.2	43.2	43.4	43.9	44.4	44.4	44.5	45.7	45.7	46.0	46.1	46.3	46.1
GE 8000	40.3	44.1	45.1	45.6	46.7	46.9	47.4	47.9	47.9	48.1	49.2	49.2	49.5	49.6	49.8	50.1
GE 7000	43.0	47.1	48.2	48.7	49.9	50.1	50.7	51.1	51.1	51.3	52.5	52.5	52.9	52.9	53.1	53.1
GE 6000	44.1	48.3	49.5	50.1	51.4	51.6	52.2	52.6	52.6	52.8	54.0	54.0	54.4	54.4	54.6	55.1
GE 5000	45.1	49.3	50.6	51.2	52.6	52.8	53.4	53.9	53.9	54.1	55.4	55.4	55.8	55.9	56.1	56.1
GE 4500	45.7	50.1	51.3	52.0	53.5	53.7	54.4	54.8	54.9	55.1	56.3	56.4	56.7	56.8	57.1	57.1
GE 4000	47.1	51.8	53.2	54.2	55.8	56.0	56.8	57.3	57.4	57.8	59.1	59.2	59.6	59.7	60.0	60.1
GE 3500	49.3	54.6	56.2	57.3	59.3	59.5	60.5	61.1	61.2	61.6	63.1	63.2	63.6	63.7	64.0	64.1
GE 3000	50.7	56.4	58.2	59.5	61.6	61.9	62.9	63.5	63.6	64.1	65.6	65.7	66.2	66.3	66.6	67.1
GE 2500	52.0	58.0	59.9	61.3	63.7	63.9	65.0	65.6	65.6	66.2	67.7	67.8	68.4	68.5	68.8	69.1
GE 2000	53.2	59.5	61.6	63.1	65.6	65.9	67.1	67.8	67.8	68.4	70.1	70.1	70.8	70.9	71.2	71.1
GE 1800	53.5	59.8	62.0	63.5	66.1	66.4	67.6	68.3	68.4	69.0	70.6	70.7	71.4	71.5	71.8	72.1
GE 1500	54.0	60.7	63.0	64.6	67.3	67.7	69.0	69.7	70.0	70.6	72.4	72.4	73.1	73.2	73.6	74.1
GE 1200	54.7	62.6	65.3	67.1	70.2	70.7	72.3	73.2	73.5	74.2	76.3	76.4	77.2	77.3	77.6	78.1
GE 1000	55.0	63.4	66.1	68.1	71.6	72.1	73.9	74.9	75.2	76.1	78.3	78.4	79.1	79.3	79.6	80.1
GE 900	55.2	63.8	66.7	68.7	72.2	72.8	74.6	75.6	75.9	76.8	79.3	79.4	80.2	80.3	80.7	81.1
GE 800	55.2	64.2	67.1	69.3	72.9	73.4	75.4	76.6	76.9	78.0	80.5	80.6	81.5	81.6	82.0	82.1
GE 700	55.4	64.5	67.5	69.7	73.5	74.1	76.1	77.3	77.6	78.8	81.6	81.7	82.6	82.8	83.2	84.1
GE 600	55.8	65.1	68.3	70.6	74.8	75.4	77.9	79.3	79.7	81.0	84.4	84.5	85.5	85.7	86.2	87.1
GE 500	55.9	65.4	68.6	70.9	75.4	76.0	78.7	80.2	80.7	82.3	86.3	86.5	87.9	88.1	88.7	89.1
GE 400	56.2	66.3	69.7	72.2	76.9	77.5	80.4	82.3	82.7	84.5	89.3	89.5	91.3	91.5	92.4	93.1
GE 300	56.3	66.5	70.0	72.5	77.4	78.1	81.0	83.0	83.4	85.3	90.7	90.9	92.9	93.1	94.1	95.1
GE 200	56.3	66.6	70.0	72.6	77.6	78.2	81.3	83.4	83.9	85.8	91.4	91.7	93.8	94.1	95.3	97.1
GE 100	56.3	66.6	70.0	72.6	77.6	78.2	81.3	83.4	83.9	85.9	91.6	91.9	94.1	94.4	95.9	98.1
GE 01	56.3	66.6	70.0	72.6	77.6	78.2	81.3	83.4	83.9	85.9	91.7	92.0	94.4	94.8	96.3	100.1

TOTAL NUMBER OF OBSERVATIONS: 5208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.3	33.5	33.8	33.8	33.8	33.8	33.8	34.1	34.1	34.1	34.8	34.8	34.8	34.8	34.8	34.8
GE 20000	31.9	34.3	34.8	34.8	34.8	34.8	34.8	35.1	35.1	35.1	35.7	35.7	35.7	35.7	35.7	35.7
GE 18000	31.9	34.6	35.1	35.1	35.1	35.1	35.1	35.4	35.4	35.4	36.0	36.0	36.0	36.0	36.0	36.0
GE 16000	32.5	35.2	35.7	35.7	35.7	35.7	35.7	36.0	36.0	36.0	36.7	36.7	36.7	36.7	36.7	36.7
GE 14000	32.7	35.4	35.9	35.9	35.9	35.9	35.9	36.2	36.2	36.2	36.8	36.8	36.8	36.8	36.8	36.8
GE 12000	32.7	35.4	35.9	35.9	35.9	35.9	35.9	36.2	36.2	36.2	36.8	36.8	36.8	36.8	36.8	36.8
GE 10000	33.8	36.5	37.0	37.0	37.0	37.0	37.0	37.3	37.3	37.3	37.9	37.9	37.9	37.9	37.9	37.9
GE 9000	34.3	37.3	37.8	37.8	37.8	37.8	37.8	38.1	38.1	38.1	38.7	38.7	38.7	38.7	38.7	38.7
GE 8000	36.8	40.2	40.8	40.8	40.8	40.8	40.8	41.1	41.1	41.1	41.7	41.7	41.7	41.7	41.7	41.7
GE 7000	38.3	42.1	42.7	42.7	42.7	42.7	42.7	43.0	43.0	43.0	43.7	43.7	43.7	43.7	43.7	43.7
GE 6000	38.9	42.9	43.5	43.5	43.5	43.5	43.5	43.8	43.8	43.8	44.4	44.4	44.4	44.4	44.4	44.4
GE 5000	40.0	44.0	44.6	44.6	44.6	44.6	44.6	44.9	44.9	44.9	45.6	45.6	45.6	45.6	45.6	45.6
GE 4500	40.8	44.9	45.6	45.6	45.6	45.6	45.6	45.9	45.9	45.9	46.5	46.5	46.5	46.5	46.5	46.5
GE 4000	43.0	47.1	47.8	47.8	47.8	47.8	47.8	48.1	48.1	48.1	48.7	48.7	48.7	48.7	48.7	48.7
GE 3500	46.2	50.6	51.4	51.4	51.4	51.4	51.4	51.7	51.7	51.7	52.4	52.4	52.4	52.4	52.4	52.4
GE 3000	46.8	51.7	52.5	52.5	52.5	52.5	52.5	52.9	52.9	52.9	53.5	53.5	53.5	53.5	53.5	53.5
GE 2500	47.8	52.9	53.8	54.0	54.0	54.0	54.0	54.3	54.3	54.3	54.9	54.9	54.9	54.9	54.9	54.9
GE 2000	48.1	54.0	55.1	55.2	55.4	55.4	55.6	55.9	55.9	56.0	56.7	56.7	56.7	56.7	56.7	56.7
GE 1800	48.4	54.6	55.7	55.9	56.0	56.0	56.2	56.5	56.5	56.7	57.3	57.3	57.3	57.3	57.3	57.3
GE 1500	48.4	55.2	57.1	57.5	57.6	57.6	57.9	58.3	58.3	58.4	59.0	59.0	59.0	59.0	59.0	59.0
GE 1200	51.1	59.4	61.7	62.1	62.2	62.2	62.5	62.9	63.0	63.3	64.0	64.0	64.0	64.0	64.0	64.0
GE 1000	52.1	60.8	63.8	64.3	65.1	65.1	65.4	65.7	65.9	66.2	67.1	67.1	67.3	67.3	67.3	67.3
GE 900	52.1	60.8	63.8	64.4	65.6	65.6	65.9	66.3	66.5	66.8	67.8	67.8	67.9	67.9	67.9	67.9
GE 800	52.7	61.9	65.9	66.5	67.8	67.8	68.3	68.7	68.9	69.5	70.8	70.8	71.1	71.1	71.1	71.1
GE 700	53.0	62.7	67.0	68.1	70.2	70.2	70.8	71.4	71.6	72.9	74.3	74.3	74.6	74.6	74.6	74.6
GE 600	53.7	63.8	68.4	70.2	72.4	72.4	73.0	73.7	73.8	75.9	77.3	77.3	77.8	77.8	77.8	77.8
GE 500	54.3	64.9	69.8	72.1	75.7	76.0	77.3	77.9	78.6	81.4	84.1	84.1	84.6	84.6	84.6	84.6
GE 400	55.1	66.2	71.4	73.7	78.1	78.6	80.0	80.6	81.3	84.1	88.3	88.4	89.7	89.7	90.0	90.0
GE 300	55.2	66.8	72.2	74.4	79.2	79.7	81.1	81.7	82.4	85.4	90.8	91.0	93.0	93.0	93.3	93.3
GE 200	55.2	66.8	72.2	74.4	79.2	80.2	81.6	82.2	82.9	85.9	92.2	92.7	95.9	96.0	96.5	96.5
GE 100	55.2	66.8	72.2	74.4	79.2	80.2	81.6	82.2	82.9	85.9	92.7	93.2	96.5	96.7	98.1	98.4
GE 0	55.2	66.8	72.2	74.4	79.2	80.2	81.6	82.2	82.9	85.9	92.7	93.2	97.1	97.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.6	35.1	35.9	35.9	36.2	36.2	36.2	36.5	36.5	36.5	37.0	37.1	37.5	37.5	37.5	37.5
GE 20000	32.5	36.0	36.8	36.8	37.1	37.1	37.1	37.5	37.5	37.5	37.9	38.1	38.4	38.4	38.4	38.4
GE 18000	32.9	36.3	37.3	37.3	37.8	37.8	37.8	38.1	38.1	38.1	38.6	38.7	39.0	39.0	39.0	39.0
GE 16000	33.2	37.0	37.9	37.9	38.4	38.4	38.4	38.7	38.7	38.7	39.2	39.4	39.7	39.7	39.7	39.7
GE 14000	33.2	37.0	37.9	37.9	38.4	38.4	38.4	38.7	38.7	38.7	39.2	39.4	39.7	39.7	39.7	39.7
GE 12000	33.2	37.0	37.9	37.9	38.4	38.4	38.4	38.7	38.7	38.7	39.2	39.4	39.7	39.7	39.7	39.7
GE 10000	33.8	37.8	38.7	38.7	39.2	39.2	39.2	39.5	39.5	39.5	40.0	40.2	40.5	40.5	40.5	40.5
GE 9000	34.0	37.9	38.9	38.9	39.4	39.4	39.4	39.7	39.7	39.7	40.2	40.3	40.6	40.6	40.6	40.6
GE 8000	36.3	40.8	41.7	41.7	42.2	42.2	42.2	42.5	42.5	42.5	43.0	43.2	43.5	43.5	43.5	43.5
GE 7000	37.8	42.5	43.7	43.8	44.3	44.3	44.3	44.6	44.6	44.6	45.1	45.2	45.6	45.6	45.6	45.6
GE 6000	38.3	43.0	44.1	44.3	44.8	44.8	44.8	45.1	45.1	45.1	45.6	45.7	46.0	46.0	46.0	46.0
GE 5000	40.2	44.9	46.0	46.2	46.7	46.7	46.7	47.0	47.0	47.0	47.5	47.6	47.9	47.9	47.9	47.9
GE 4500	41.0	45.9	47.0	47.1	47.6	47.6	47.6	47.9	47.9	47.9	48.4	48.6	48.9	48.9	48.9	48.9
GE 4000	42.4	47.3	48.4	48.6	49.0	49.0	49.0	49.4	49.4	49.4	49.8	50.0	50.3	50.3	50.3	50.3
GE 3500	45.4	50.5	52.4	52.7	53.2	53.2	53.2	53.5	53.5	53.5	54.0	54.1	54.4	54.4	54.4	54.4
GE 3000	47.8	53.0	55.4	55.7	56.3	56.3	56.3	56.7	56.7	56.7	57.1	57.3	57.6	57.6	57.6	57.6
GE 2500	47.9	53.2	55.7	56.2	56.8	56.8	56.8	57.1	57.1	57.1	57.6	57.8	58.1	58.1	58.1	58.1
GE 2000	48.7	55.1	57.6	58.1	59.7	59.7	59.7	60.0	60.0	60.0	60.5	60.6	61.0	61.0	61.0	61.0
GE 1800	49.2	55.9	58.4	58.9	60.5	60.5	60.5	60.8	60.8	60.8	61.3	61.4	61.7	61.7	61.7	61.7
GE 1500	49.5	56.8	60.6	61.6	63.2	63.2	63.2	63.5	63.5	63.5	64.0	64.1	64.4	64.4	64.4	64.4
GE 1200	52.9	61.4	66.0	67.0	68.9	68.9	69.5	69.8	69.8	70.2	70.6	70.8	71.1	71.1	71.1	71.1
GE 1000	53.3	61.9	66.8	67.9	70.8	70.8	71.4	71.7	71.7	72.1	73.0	73.2	73.5	73.5	73.5	73.5
GE 900	53.3	62.1	67.0	68.6	71.4	71.4	72.2	72.5	72.5	72.9	74.0	74.1	74.4	74.4	74.4	74.4
GE 800	54.1	63.3	69.7	71.4	74.8	74.8	75.6	75.9	75.9	76.3	77.5	77.6	78.1	78.1	78.1	78.1
GE 700	54.6	63.8	70.3	72.4	76.5	76.5	77.6	77.9	77.9	78.6	80.5	80.6	81.4	81.4	81.4	81.4
GE 600	54.9	64.6	71.1	73.3	77.6	77.6	78.9	79.2	79.2	80.2	82.1	82.2	83.0	83.0	83.0	83.0
GE 500	55.9	65.7	72.5	75.6	81.3	81.4	83.0	83.5	83.8	85.1	87.5	87.6	88.4	88.4	88.4	88.4
GE 400	56.5	66.5	73.7	76.8	83.2	83.3	84.9	85.7	86.0	87.3	90.6	90.8	92.1	92.1	92.2	92.2
GE 300	56.5	66.5	73.8	77.3	83.7	83.8	85.4	86.3	86.7	87.9	91.4	91.6	94.4	94.4	94.8	94.9
GE 200	56.5	66.5	73.8	77.3	83.8	84.1	85.7	86.7	87.0	88.3	91.7	92.2	95.9	95.9	96.3	96.7
GE 100	56.5	66.5	73.8	77.3	83.8	84.1	85.7	86.7	87.0	88.3	92.4	92.9	97.6	97.6	98.9	99.2
GE 0	56.5	66.5	73.8	77.3	83.8	84.1	85.7	86.7	87.0	88.3	92.4	92.9	98.3	98.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	27.3	29.8	30.5	30.6	31.1	31.1	31.3	31.3	31.3	31.3	31.3	31.4	31.4	31.7	31.7	31.9
GE 20000	28.1	30.6	31.3	31.6	32.2	32.2	32.4	32.4	32.4	32.4	32.5	32.5	32.5	32.9	32.9	33.0
GE 18000	29.0	31.6	32.2	32.5	33.2	33.2	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.8	33.8	34.0
GE 16000	29.0	31.6	32.4	32.7	33.3	33.3	33.5	33.5	33.5	33.5	33.7	33.7	33.7	34.0	34.0	34.1
GE 14000	29.4	31.9	32.7	33.0	33.7	33.7	33.8	33.8	33.8	33.8	34.0	34.0	34.0	34.3	34.3	34.4
GE 12000	29.5	32.1	32.9	33.2	33.8	33.8	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.4	34.4	34.6
GE 10000	31.0	33.5	34.3	34.6	35.2	35.2	35.4	35.4	35.4	35.4	35.6	35.6	35.6	35.9	35.9	36.0
GE 9000	31.0	33.5	34.3	34.6	35.4	35.4	35.6	35.6	35.6	35.6	35.7	35.7	35.7	36.0	36.0	36.2
GE 8000	34.1	36.7	37.6	37.9	38.7	38.7	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.4	39.4	39.5
GE 7000	36.3	38.9	39.8	40.2	41.0	41.0	41.1	41.1	41.1	41.1	41.3	41.3	41.3	41.6	41.6	41.7
GE 6000	36.3	39.0	40.0	40.3	41.1	41.1	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.7	41.7	41.9
GE 5000	37.5	40.5	41.6	41.9	42.9	42.9	43.0	43.0	43.0	43.0	43.5	43.5	43.5	43.8	43.8	44.0
GE 4500	38.4	41.4	42.5	42.9	43.8	43.8	44.0	44.0	44.0	44.0	44.4	44.4	44.4	44.8	44.8	44.9
GE 4000	41.3	44.8	46.0	46.5	47.5	47.5	47.6	47.6	47.6	47.6	48.1	48.1	48.1	48.4	48.4	48.6
GE 3500	44.4	47.9	49.7	50.5	51.4	51.4	51.7	51.7	51.7	51.7	52.2	52.2	52.2	52.5	52.5	52.7
GE 3000	45.7	49.4	51.3	52.1	53.2	53.2	53.5	53.8	53.8	53.8	54.3	54.3	54.3	54.6	54.6	54.8
GE 2500	45.7	50.2	52.2	53.2	54.6	54.6	54.9	55.2	55.2	55.2	55.7	55.7	55.7	56.0	56.0	56.3
GE 2000	46.5	52.1	54.3	55.2	56.7	56.7	57.0	57.3	57.3	57.3	57.8	57.8	57.8	58.1	58.1	58.4
GE 1800	47.1	53.2	55.4	56.3	57.8	57.8	58.3	58.6	58.6	58.6	59.0	59.0	59.0	59.4	59.4	59.7
GE 1500	47.6	54.4	57.0	58.3	60.2	60.2	60.8	61.1	61.1	61.1	61.6	61.6	61.6	61.9	61.9	62.2
GE 1200	50.5	58.6	61.1	62.4	64.4	64.4	65.7	66.0	66.0	66.0	66.2	67.0	67.0	67.3	67.3	67.6
GE 1000	51.4	60.0	62.9	64.6	66.8	66.8	68.3	68.6	68.6	68.6	69.8	69.8	69.8	70.2	70.2	70.5
GE 900	52.5	61.4	64.4	66.2	68.4	68.4	70.3	70.6	70.6	70.6	71.1	72.1	72.1	72.4	72.4	72.7
GE 800	52.9	61.7	65.2	67.1	69.7	69.7	72.1	72.5	72.5	72.5	73.0	74.0	74.0	74.3	74.6	74.9
GE 700	53.3	62.4	66.0	67.9	71.0	71.0	73.5	74.0	74.0	74.0	74.6	75.6	75.6	76.2	76.2	76.5
GE 600	53.5	62.9	66.8	69.2	72.7	72.7	75.6	76.0	76.0	76.2	76.8	77.8	77.8	78.4	78.4	78.7
GE 500	54.6	64.3	68.4	71.3	75.1	75.1	77.9	78.7	78.7	78.9	79.5	81.4	81.7	82.1	82.1	82.4
GE 400	55.6	65.9	70.5	73.3	77.3	77.6	80.5	81.6	81.6	81.9	83.0	85.7	86.0	87.0	87.0	87.6
GE 300	55.6	65.9	70.8	73.8	78.4	78.7	81.7	82.9	83.2	84.3	86.1	88.6	89.7	89.7	90.5	90.5
GE 200	55.7	66.3	71.3	74.4	79.0	79.5	82.9	84.1	84.4	86.0	90.6	91.1	93.2	93.2	94.3	95.1
GE 100	55.7	66.3	71.3	74.4	79.0	79.5	82.9	84.1	84.6	86.2	91.6	92.1	95.1	95.2	97.1	98.1
GE 01	55.7	66.3	71.3	74.4	79.0	79.5	82.9	84.1	84.6	86.2	91.6	92.2	95.6	95.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.3	27.6	27.9	28.4	28.9	28.9	29.4	29.5	29.5	29.5	30.2	30.2	30.2	30.2	30.3	30.3
GE 20000	29.0	30.5	30.8	31.3	31.7	31.7	32.2	32.4	32.4	32.4	33.0	33.0	33.0	33.0	33.2	33.2
GE 18000	31.0	33.0	33.3	33.8	34.3	34.3	34.8	34.9	34.9	34.9	35.6	35.6	35.6	35.6	35.7	35.7
GE 16000	31.1	33.2	33.5	34.0	34.4	34.4	34.9	35.1	35.1	35.1	35.7	35.7	35.7	35.9	36.0	36.0
GE 14000	31.7	33.8	34.1	34.6	35.1	35.1	35.6	35.7	35.7	35.7	36.3	36.3	36.3	36.5	36.7	36.7
GE 12000	31.9	34.0	34.3	34.6	35.2	35.2	35.7	35.9	35.9	35.9	36.5	36.5	36.5	36.7	36.8	36.8
GE 10000	33.2	35.2	35.6	36.0	36.5	36.5	37.0	37.1	37.1	37.1	37.8	37.8	37.8	37.9	38.1	38.1
GE 9000	34.1	36.2	36.5	37.0	37.5	37.5	37.9	38.1	38.1	38.1	38.7	38.7	38.7	38.9	39.0	39.0
GE 8000	35.9	38.1	38.4	38.9	39.5	39.5	40.0	40.2	40.2	40.2	40.8	40.8	40.8	41.0	41.1	41.1
GE 7000	37.3	39.5	39.8	40.3	41.0	41.0	41.4	41.6	41.6	41.7	42.4	42.4	42.4	42.5	42.7	42.7
GE 6000	37.9	40.5	41.1	41.7	42.4	42.4	42.9	43.0	43.0	43.2	43.8	43.8	43.8	44.0	44.1	44.1
GE 5000	38.9	41.4	42.1	42.7	43.7	43.7	44.1	44.3	44.3	44.4	45.1	45.1	45.1	45.2	45.4	45.4
GE 4500	39.2	41.9	42.5	43.2	44.1	44.1	44.6	44.8	44.8	44.9	45.6	45.6	45.6	45.7	45.9	45.9
GE 4000	41.4	44.3	45.2	45.9	47.0	47.0	47.5	47.6	47.6	47.8	48.4	48.4	48.4	48.6	48.7	48.7
GE 3500	44.9	48.4	49.5	50.3	51.4	51.4	51.9	52.1	52.1	52.2	52.9	52.9	52.9	53.0	53.2	53.2
GE 3000	45.1	49.0	50.3	51.1	52.4	52.4	52.9	53.2	53.2	53.3	54.0	54.0	54.1	54.3	54.6	54.6
GE 2500	45.4	49.8	51.3	52.1	53.5	53.5	54.0	54.3	54.3	54.6	55.2	55.2	55.4	55.6	56.0	56.0
GE 2000	46.0	51.7	53.2	54.0	55.9	55.9	56.3	56.8	56.8	57.1	57.8	57.8	57.9	58.1	58.6	58.6
GE 1800	46.3	52.4	53.8	54.9	57.0	57.0	57.5	57.9	57.9	58.3	58.9	58.9	59.0	59.2	59.7	59.7
GE 1500	47.8	54.3	56.0	57.3	59.5	59.5	60.3	60.8	60.8	61.1	61.7	61.7	61.9	62.1	62.5	62.5
GE 1200	51.6	58.1	60.0	61.3	63.7	63.7	64.4	64.9	64.9	65.2	66.3	66.3	66.5	66.7	67.1	67.1
GE 1000	53.2	60.3	62.4	63.7	66.2	66.3	67.1	67.6	67.6	67.9	69.2	69.2	69.7	69.8	70.3	70.3
GE 900	54.0	61.4	63.7	65.1	67.6	67.8	68.7	69.2	69.2	69.7	71.0	71.0	71.6	71.7	72.2	72.2
GE 800	54.3	61.9	64.1	65.6	68.3	68.4	69.5	70.0	70.0	70.5	71.9	72.1	73.3	73.5	74.0	74.0
GE 700	54.3	61.9	64.3	65.7	68.9	69.0	70.2	70.6	70.6	71.1	72.7	72.9	74.1	74.3	74.8	74.8
GE 600	54.4	62.2	64.9	66.7	70.0	70.3	71.6	72.4	72.4	72.9	74.6	74.8	76.0	76.2	76.7	76.7
GE 500	55.1	63.2	65.9	67.6	72.2	72.5	74.0	75.2	75.2	76.0	78.3	78.4	79.8	80.0	80.5	80.5
GE 400	55.6	64.1	67.0	69.7	74.9	75.2	77.1	78.9	78.9	79.7	82.7	82.9	84.4	84.8	85.2	85.2
GE 300	56.0	64.8	68.3	71.0	76.5	76.8	79.5	81.3	81.3	82.1	86.7	86.8	88.4	88.7	89.4	89.4
GE 200	56.2	65.4	69.0	71.7	77.5	77.9	80.8	82.5	82.5	83.5	88.6	88.7	90.6	91.1	92.2	92.5
GE 100	56.2	65.4	69.0	71.9	77.6	78.3	81.1	82.9	82.9	84.0	90.0	90.2	92.7	93.2	95.2	96.3
GE 0	56.2	65.4	69.0	71.9	77.6	78.3	81.1	82.9	82.9	84.0	90.2	90.3	93.5	94.0	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.9	27.0	27.1	28.1	28.7	28.7	29.0	29.0	29.0	29.0	29.0	29.0	29.2	29.2	29.2	29.2
GE 20000	27.9	29.4	29.5	30.5	31.1	31.1	31.4	31.4	31.4	31.4	31.4	31.4	31.6	31.6	31.6	31.6
GE 18000	29.8	31.7	31.9	32.9	33.5	33.5	33.8	33.8	33.8	33.8	33.8	33.8	34.0	34.0	34.0	34.1
GE 16000	30.2	32.1	32.4	33.3	34.0	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.6
GE 14000	30.2	32.2	32.5	33.5	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.6	34.6	34.6	34.8
GE 12000	30.6	32.9	33.2	34.1	34.8	34.8	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.4
GE 10000	31.1	33.7	34.0	34.9	35.6	35.6	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.2
GE 9000	32.2	34.8	35.1	36.0	36.7	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.3
GE 8000	33.7	36.3	36.7	37.8	38.4	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.9	38.9	38.9	39.0
GE 7000	35.1	38.1	38.4	39.5	40.2	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.8
GE 6000	35.1	38.1	38.4	39.5	40.2	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.8
GE 5000	36.2	39.2	39.5	40.6	41.3	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.9
GE 4500	36.7	40.0	40.3	41.4	42.1	42.1	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.7
GE 4000	38.7	43.0	43.5	44.8	45.6	45.6	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.2
GE 3500	41.1	45.7	46.3	48.1	49.2	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.7	49.7	49.7	49.8
GE 3000	42.1	47.3	48.1	49.8	51.3	51.3	51.6	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.2
GE 2500	43.5	49.0	50.2	52.5	54.1	54.1	54.4	54.8	54.8	54.8	54.9	54.9	55.1	55.2	55.4	55.6
GE 2000	44.1	52.4	53.7	56.2	58.1	58.1	58.4	58.7	58.7	58.7	58.9	58.9	59.0	59.2	59.5	59.7
GE 1800	44.6	53.0	54.3	56.8	59.2	59.2	59.5	59.8	59.8	59.8	60.0	60.0	60.2	60.3	60.6	60.8
GE 1500	44.9	54.0	55.2	57.9	60.3	60.3	60.6	61.0	61.0	61.1	61.3	61.3	61.4	61.6	61.9	62.1
GE 1200	49.5	59.0	60.6	63.5	66.0	66.2	66.7	67.3	67.3	67.8	67.9	67.9	68.1	68.3	68.6	68.7
GE 1000	51.3	61.1	62.9	65.7	68.7	69.0	69.7	70.5	70.5	71.0	71.1	71.1	71.3	71.4	71.7	71.9
GE 900	51.6	61.4	63.3	66.2	69.2	69.5	70.5	71.4	71.6	72.1	73.2	73.2	73.3	73.5	73.8	74.0
GE 800	51.7	61.9	63.8	66.7	69.8	70.2	71.1	72.1	72.2	72.9	74.0	74.1	74.8	74.9	75.4	75.6
GE 700	51.7	62.1	64.0	67.0	70.2	70.6	71.6	72.5	72.7	73.3	74.4	74.6	75.2	75.4	75.9	76.0
GE 600	52.1	62.7	64.8	67.9	71.4	71.9	73.2	74.1	74.3	74.9	76.5	76.7	77.3	77.5	78.1	78.3
GE 500	52.5	63.7	65.9	69.7	73.7	74.1	75.7	77.1	77.3	77.9	79.7	79.8	80.5	80.6	81.3	81.4
GE 400	52.7	65.2	68.4	72.7	77.3	77.8	80.2	82.1	82.2	83.5	86.8	87.0	87.9	88.1	88.7	88.9
GE 300	52.7	65.4	68.7	73.2	77.8	78.3	80.6	82.7	82.9	84.1	88.3	88.4	89.8	90.0	91.1	91.4
GE 200	52.9	66.2	69.8	74.3	78.9	79.4	81.9	84.0	84.1	85.9	91.0	91.1	92.7	93.0	94.1	94.4
GE 100	52.9	66.2	69.8	74.3	78.9	79.4	81.9	84.0	84.1	85.9	91.4	91.7	93.7	94.0	96.0	97.3
GE 0	52.9	66.2	69.8	74.3	78.9	79.4	81.9	84.0	84.1	86.0	92.1	92.4	94.3	94.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	26.3	27.1	27.1	27.3	27.8	27.8	28.3	28.3	28.3	28.4	29.0	29.0	29.0	29.0	29.0	29.2	
GE 20000	27.3	28.1	28.1	28.3	28.7	28.7	29.2	29.2	29.2	29.4	30.0	30.0	30.0	30.0	30.0	30.2	
GE 18000	28.9	30.0	30.0	30.2	30.6	30.6	31.1	31.1	31.1	31.3	31.9	31.9	31.9	31.9	31.9	32.1	
GE 16000	29.4	30.6	30.6	30.8	31.3	31.3	31.7	31.7	31.7	31.9	32.5	32.5	32.5	32.5	32.5	32.7	
GE 14000	29.4	30.8	30.8	31.0	31.4	31.4	31.9	31.9	31.9	32.1	32.7	32.7	32.7	32.7	32.7	32.9	
GE 12000	31.6	33.0	33.0	33.2	33.7	33.7	34.1	34.1	34.1	34.3	34.9	34.9	34.9	34.9	34.9	35.1	
GE 10000	32.2	33.7	33.7	33.8	34.3	34.3	34.8	34.8	34.8	34.9	35.6	35.6	35.6	35.6	35.6	35.7	
GE 9000	33.3	35.1	35.2	35.4	35.9	35.9	36.3	36.3	36.3	36.5	37.1	37.1	37.1	37.1	37.1	37.3	
GE 8000	33.7	35.7	35.9	36.0	36.5	36.5	37.0	37.0	37.0	37.1	37.8	37.8	37.8	37.8	37.8	37.9	
GE 7000	34.6	36.7	36.8	37.0	37.5	37.5	37.9	37.9	37.9	38.1	38.7	38.7	38.7	38.7	38.7	38.9	
GE 6000	35.1	37.3	37.5	37.6	38.1	38.1	38.6	38.6	38.6	38.7	39.4	39.4	39.4	39.4	39.4	39.5	
GE 5000	35.7	38.4	38.6	38.7	39.2	39.2	39.7	39.7	39.7	39.8	40.5	40.5	40.5	40.5	40.5	40.6	
GE 4500	36.0	38.7	39.0	39.2	39.7	39.7	40.2	40.2	40.2	40.3	41.0	41.0	41.0	41.0	41.0	41.1	
GE 4000	38.4	41.4	41.9	42.2	43.0	43.0	43.5	43.5	43.5	43.7	44.3	44.3	44.3	44.3	44.3	44.4	
GE 3500	40.5	44.8	45.6	46.2	47.0	47.0	47.6	47.6	47.6	47.8	48.4	48.4	48.4	48.4	48.4	48.6	
GE 3000	41.9	47.1	47.9	48.6	49.5	49.5	50.2	50.2	50.2	50.3	51.1	51.1	51.1	51.1	51.1	51.3	
GE 2500	43.0	48.6	49.4	50.2	51.6	51.6	52.2	52.2	52.2	52.4	53.2	53.2	53.2	53.2	53.2	53.3	
GE 2000	44.3	51.4	52.4	53.2	54.8	54.8	55.4	55.4	55.4	55.6	56.5	56.7	56.7	56.7	56.8	57.0	
GE 1800	44.6	52.1	53.0	54.0	55.9	55.9	57.0	57.0	57.0	57.1	58.1	58.3	58.3	58.3	58.4	58.6	
GE 1500	45.2	52.9	53.8	54.9	57.8	57.8	59.0	59.2	59.2	59.4	60.3	60.5	60.5	60.5	60.6	60.8	
GE 1200	49.2	58.1	59.7	61.1	64.6	64.6	66.2	66.5	66.5	66.7	67.6	67.8	67.9	67.9	68.1	68.3	
GE 1000	50.6	60.5	62.7	64.3	68.3	68.6	70.3	70.6	70.6	71.1	72.1	72.2	72.4	72.4	72.5	72.7	
GE 900	50.6	60.6	63.0	64.6	68.6	68.9	71.0	71.4	71.4	71.9	73.2	73.5	74.0	74.0	74.1	74.3	
GE 800	50.8	60.8	63.3	65.1	69.2	69.5	71.6	72.1	72.2	72.7	74.0	74.3	74.8	74.8	74.9	75.1	
GE 700	51.0	61.1	63.8	65.6	69.7	70.0	72.1	72.5	72.9	73.3	74.9	75.2	75.7	75.7	75.9	76.0	
GE 600	51.1	61.6	64.3	66.2	70.6	71.4	74.3	74.8	75.1	75.9	77.5	77.8	78.3	78.3	78.9	79.0	
GE 500	51.7	63.2	66.0	68.1	72.7	73.5	77.0	77.5	77.8	78.6	80.6	81.3	81.7	81.7	82.4	82.5	
GE 400	51.9	63.8	67.3	69.7	74.9	75.9	80.2	80.8	81.4	83.2	86.3	87.1	87.8	87.8	88.4	88.6	
GE 300	51.9	64.1	67.9	70.8	76.5	77.5	81.7	82.7	83.3	85.2	88.9	89.8	91.0	91.0	92.1	92.2	
GE 200	51.9	64.8	68.6	71.6	77.5	78.7	83.0	84.1	84.8	86.8	91.4	92.5	94.1	94.1	95.9	96.2	
GE 100	51.9	64.8	68.7	71.7	77.8	79.0	83.5	84.6	85.4	87.6	93.7	94.8	96.7	96.7	98.6	99.4	
GE 0	51.9	64.8	68.7	71.7	77.8	79.0	83.5	84.6	85.4	87.6	94.0	95.1	97.0	97.0	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.2	24.3	24.3	24.3	24.8	24.8	24.9	25.1	25.1	25.1	25.6	25.6	25.7	25.7	25.7	26.0
GE 20000	24.6	25.7	25.7	25.7	26.2	26.2	26.3	26.5	26.5	26.5	27.0	27.0	27.1	27.1	27.1	27.5
GE 18000	26.5	27.8	27.6	27.8	28.3	28.3	28.4	28.6	28.6	28.6	29.0	29.0	29.2	29.2	29.2	29.5
GE 16000	26.8	28.1	28.1	28.1	28.6	28.6	28.7	28.9	28.9	28.9	29.4	29.4	29.5	29.5	29.5	29.8
GE 14000	26.8	28.1	28.1	28.1	28.6	28.6	28.7	28.9	28.9	28.9	29.4	29.4	29.5	29.5	29.5	29.8
GE 12000	27.8	29.0	29.0	29.0	29.5	29.5	29.7	29.8	29.8	29.8	30.3	30.3	30.5	30.5	30.5	30.8
GE 10000	30.5	31.7	31.7	31.7	32.2	32.2	32.4	32.5	32.5	32.5	33.0	33.0	33.2	33.2	33.2	33.5
GE 9000	31.3	32.5	32.5	32.5	33.0	33.0	33.2	33.3	33.3	33.3	33.8	33.8	34.0	34.0	34.0	34.3
GE 8000	33.2	34.6	34.8	34.8	35.2	35.2	35.4	35.6	35.6	35.6	36.0	36.0	36.2	36.2	36.2	36.5
GE 7000	34.4	36.0	36.0	36.0	36.5	36.5	36.7	36.8	36.8	37.0	37.5	37.5	37.6	37.6	37.6	37.9
GE 6000	35.2	36.8	36.8	36.8	37.3	37.3	37.5	37.6	37.6	37.8	38.3	38.3	38.4	38.4	38.4	38.7
GE 5000	35.6	37.5	37.6	37.6	38.1	38.1	38.3	38.4	38.4	38.6	39.0	39.0	39.2	39.2	39.2	39.5
GE 4500	35.7	37.6	37.8	37.8	38.3	38.3	38.4	38.6	38.6	38.7	39.2	39.2	39.4	39.4	39.4	39.7
GE 4000	38.7	40.6	40.8	40.8	41.6	41.6	41.7	41.9	41.9	42.1	42.5	42.5	42.7	42.7	42.7	43.0
GE 3500	40.6	43.3	43.7	43.7	44.4	44.4	44.6	44.8	44.8	44.9	45.4	45.4	45.6	45.6	45.6	45.9
GE 3000	41.1	44.0	44.6	44.6	45.4	45.4	45.6	45.7	45.7	45.9	46.3	46.3	46.5	46.5	46.5	46.8
GE 2500	42.7	45.9	46.5	46.5	47.5	47.5	47.6	47.8	47.8	47.9	48.4	48.4	48.6	48.6	48.6	48.9
GE 2000	43.3	47.3	48.1	48.1	49.7	49.7	50.2	50.3	50.3	50.5	51.0	51.0	51.1	51.1	51.1	51.4
GE 1800	44.0	48.1	49.2	49.2	51.3	51.3	51.9	52.1	52.1	52.2	52.7	52.7	52.9	52.9	52.9	53.2
GE 1500	44.6	49.5	50.8	51.1	53.8	53.8	55.2	55.6	55.6	55.7	56.2	56.2	56.3	56.3	56.3	56.7
GE 1200	48.6	56.5	58.4	58.7	61.7	61.7	63.2	63.5	63.7	64.1	64.6	64.6	64.9	64.9	64.9	65.2
GE 1000	49.5	58.9	61.1	61.6	64.8	64.8	66.3	66.8	67.0	67.6	68.3	68.3	68.7	68.7	68.7	69.0
GE 900	49.8	59.5	61.9	62.4	65.9	65.9	67.6	68.1	68.3	69.2	70.0	70.0	70.5	70.5	70.5	70.8
GE 800	49.8	59.7	62.2	63.0	66.8	66.8	68.7	69.5	69.8	70.8	71.7	71.7	72.2	72.2	72.2	72.5
GE 700	49.8	60.0	62.7	63.5	67.3	67.3	69.2	70.0	70.3	71.4	72.5	72.5	73.0	73.0	73.0	73.3
GE 600	50.0	60.5	63.5	64.4	68.7	68.7	71.0	72.1	72.4	73.7	74.9	74.9	75.4	75.4	75.7	76.0
GE 500	50.0	61.3	64.6	65.6	70.0	70.0	72.4	73.8	74.1	75.7	77.3	77.3	77.8	77.8	78.1	78.6
GE 400	50.6	62.4	66.3	67.3	71.9	72.4	76.3	77.9	78.3	80.5	84.6	84.6	85.6	85.6	86.2	86.7
GE 300	50.6	62.7	67.0	68.7	74.0	74.6	78.9	81.0	81.6	84.0	89.8	90.0	91.1	91.1	91.9	92.4
GE 200	50.6	62.7	67.1	69.5	75.1	75.9	80.5	82.5	83.2	85.9	92.4	92.5	93.8	93.8	94.8	95.2
GE 100	50.6	62.7	67.1	69.5	75.4	76.2	80.8	82.9	83.5	86.7	94.3	94.6	96.5	96.5	97.8	99.0
GE 01	50.6	62.7	67.1	69.5	75.4	76.2	80.8	82.9	83.5	86.8	94.4	94.8	96.7	96.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	22.4	25.1	25.9	26.0	26.2	26.2	26.2	26.2	26.2	26.2	26.8	26.8	26.8	26.8	27.0	27.0
GE 20000	23.3	26.2	27.1	27.3	27.5	27.5	27.5	27.5	27.5	27.5	28.3	28.3	28.3	28.3	28.4	28.4
GE 18000	25.4	28.3	29.2	29.4	29.5	29.5	29.5	29.5	29.5	29.5	30.3	30.3	30.3	30.3	30.5	30.5
GE 16000	25.4	28.3	29.2	29.4	29.5	29.5	29.5	29.5	29.5	29.5	30.3	30.3	30.3	30.3	30.5	30.5
GE 14000	25.6	28.4	29.4	29.5	29.7	29.7	29.7	29.7	29.7	29.7	30.5	30.5	30.5	30.5	30.6	30.6
GE 12000	27.1	30.0	31.0	31.1	31.3	31.3	31.3	31.3	31.3	31.3	32.1	32.1	32.1	32.1	32.2	32.2
GE 10000	27.6	30.5	31.4	31.6	31.7	31.7	31.7	31.7	31.7	31.7	32.5	32.5	32.5	32.5	32.7	32.7
GE 9000	28.1	31.0	31.9	32.1	32.2	32.2	32.2	32.2	32.2	32.2	33.0	33.0	33.0	33.0	33.2	33.2
GE 8000	32.2	35.2	36.2	36.3	36.5	36.5	36.5	36.5	36.5	36.5	37.3	37.3	37.3	37.3	37.5	37.5
GE 7000	33.5	36.5	37.6	37.8	37.9	37.9	37.9	37.9	37.9	37.9	38.7	38.7	38.7	38.7	38.9	38.9
GE 6000	34.4	37.5	38.6	38.7	38.9	38.9	38.9	38.9	38.9	38.9	39.7	39.7	39.7	39.7	39.8	39.8
GE 5000	34.9	37.9	39.0	39.2	39.4	39.4	39.4	39.4	39.4	39.4	40.2	40.2	40.2	40.2	40.3	40.3
GE 4500	35.1	38.3	39.4	39.5	39.7	39.7	39.7	39.7	39.7	39.7	40.5	40.5	40.5	40.5	40.6	40.6
GE 4000	37.1	40.5	41.6	41.9	42.2	42.2	42.2	42.2	42.2	42.2	43.0	43.0	43.0	43.0	43.2	43.2
GE 3500	39.7	43.7	44.8	45.1	45.7	45.7	45.7	45.7	45.7	45.7	46.5	46.5	46.7	46.7	46.8	46.8
GE 3000	40.3	44.8	45.9	46.2	46.8	46.8	47.0	47.0	47.0	47.0	47.8	47.8	47.9	47.9	48.1	48.1
GE 2500	41.9	46.7	48.3	48.7	49.5	49.5	49.7	49.7	49.7	49.7	50.5	50.5	50.6	50.6	50.8	50.8
GE 2000	42.1	47.9	49.7	50.3	51.4	51.4	51.6	51.6	51.6	52.1	52.9	52.9	53.0	53.0	53.2	53.2
GE 1800	42.1	48.3	50.0	50.6	52.1	52.1	52.2	52.2	52.2	52.7	53.5	53.5	53.7	53.7	53.8	53.8
GE 1500	42.4	48.7	50.5	51.6	53.0	53.0	53.7	53.8	53.8	54.3	55.1	55.1	55.2	55.2	55.4	55.4
GE 1200	46.3	54.0	56.0	57.3	58.9	58.9	59.8	60.0	60.2	60.8	61.6	61.6	61.7	61.7	61.9	61.9
GE 1000	47.9	56.0	58.1	59.5	61.3	61.3	62.4	62.9	63.0	63.8	64.6	64.6	64.8	64.8	64.9	64.9
GE 900	48.1	56.3	58.9	60.5	62.5	62.5	63.8	64.3	64.4	65.2	66.0	66.0	66.3	66.3	66.5	66.5
GE 800	48.1	56.5	59.5	61.1	63.5	63.5	64.8	65.7	65.9	66.7	67.8	67.8	68.3	68.3	68.4	68.4
GE 700	48.7	57.6	61.0	63.0	65.6	65.6	67.0	67.9	68.1	68.9	70.2	70.2	70.6	70.6	70.8	70.8
GE 600	49.2	58.4	62.2	64.9	67.9	67.9	69.5	70.5	70.6	72.1	73.3	73.3	73.8	73.8	74.0	74.0
GE 500	49.5	59.5	63.7	66.7	70.8	71.1	73.0	74.0	74.6	77.1	79.2	79.2	79.8	79.8	80.0	80.0
GE 400	50.5	60.8	65.9	68.9	73.7	74.4	76.5	77.5	78.4	81.4	86.5	86.5	87.3	87.3	87.5	87.5
GE 300	50.6	61.0	66.0	69.2	74.6	75.4	77.8	78.7	79.7	83.0	89.5	89.5	90.6	90.6	91.1	91.1
GE 200	50.6	61.0	66.2	69.5	75.1	76.0	78.6	79.5	80.5	84.3	91.4	91.4	93.5	93.5	94.0	94.1
GE 100	50.6	61.0	66.2	69.5	75.1	76.0	78.6	79.5	80.5	84.6	92.5	92.5	95.6	95.6	96.8	98.1
GE 0	50.6	61.0	66.2	69.5	75.1	76.0	78.6	79.5	80.5	84.6	92.5	92.5	96.2	96.2	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	26.8	28.7	29.1	29.3	29.7	29.7	29.9	30.0	30.0	30.0	30.5	30.5	30.6	30.6	30.7	30.7
GE 20000	28.1	30.1	30.5	30.8	31.2	31.2	31.4	31.5	31.5	31.5	32.0	32.0	32.1	32.1	32.2	32.2
GE 18000	29.4	31.7	32.1	32.4	32.8	32.8	33.0	33.1	33.1	33.1	33.6	33.6	33.7	33.7	33.8	33.9
GE 16000	29.7	32.0	32.5	32.7	33.2	33.2	33.4	33.5	33.5	33.5	34.0	34.0	34.1	34.1	34.2	34.3
GE 14000	29.9	32.2	32.7	32.9	33.4	33.4	33.6	33.7	33.7	33.7	34.2	34.2	34.3	34.3	34.4	34.5
GE 12000	30.6	32.9	33.4	33.7	34.1	34.1	34.3	34.4	34.4	34.4	34.9	34.9	35.0	35.0	35.1	35.2
GE 10000	31.6	34.1	34.5	34.8	35.2	35.2	35.4	35.5	35.5	35.5	36.0	36.1	36.2	36.2	36.3	36.3
GE 9000	32.3	34.8	35.3	35.5	36.0	36.0	36.2	36.3	36.3	36.3	36.8	36.8	36.9	36.9	37.0	37.1
GE 8000	34.5	37.2	37.8	38.0	38.5	38.5	38.7	38.8	38.8	38.8	39.3	39.3	39.4	39.5	39.5	39.6
GE 7000	35.9	38.8	39.4	39.7	40.1	40.1	40.3	40.4	40.4	40.5	41.0	41.0	41.1	41.1	41.2	41.3
GE 6000	36.4	39.4	40.0	40.3	40.8	40.8	41.0	41.1	41.1	41.2	41.6	41.6	41.8	41.8	41.8	41.9
GE 5000	37.4	40.5	41.1	41.4	42.0	42.0	42.2	42.3	42.3	42.3	42.9	42.9	43.0	43.0	43.1	43.2
GE 4500	37.9	41.1	41.8	42.1	42.6	42.6	42.8	42.9	42.9	43.0	43.5	43.5	43.6	43.7	43.7	43.8
GE 4000	40.1	43.6	44.4	44.8	45.5	45.5	45.7	45.8	45.8	45.8	46.3	46.3	46.4	46.5	46.6	46.6
GE 3500	42.9	46.9	47.9	48.5	49.2	49.2	49.5	49.6	49.6	49.6	50.2	50.2	50.3	50.3	50.4	50.5
GE 3000	43.8	48.3	49.5	50.1	50.9	50.9	51.2	51.4	51.4	51.5	52.0	52.0	52.2	52.2	52.3	52.4
GE 2500	44.7	49.5	50.9	51.7	52.7	52.7	53.0	53.2	53.2	53.3	53.8	53.8	54.0	54.0	54.2	54.2
GE 2000	45.4	51.5	53.0	53.8	55.2	55.2	55.5	55.8	55.8	55.9	56.5	56.5	56.7	56.7	56.9	57.0
GE 1800	45.8	52.2	53.7	54.6	56.2	56.2	56.6	56.9	56.9	57.0	57.6	57.6	57.8	57.8	58.0	58.1
GE 1500	46.3	53.2	55.1	56.3	58.2	58.2	58.8	59.1	59.1	59.3	59.9	59.9	60.1	60.1	60.3	60.4
GE 1200	50.0	58.1	60.5	61.7	63.8	63.8	64.8	65.1	65.2	65.5	66.2	66.3	66.4	66.5	66.7	66.7
GE 1000	51.2	59.9	62.6	63.9	66.5	66.6	67.6	68.1	68.1	68.6	69.4	69.4	69.7	69.8	69.9	70.0
GE 900	51.5	60.5	63.3	64.7	67.4	67.5	68.8	69.2	69.3	69.9	70.9	71.0	71.3	71.3	71.5	71.6
GE 800	51.8	61.0	64.2	65.8	68	68.8	70.2	70.8	70.9	71.5	72.7	72.8	73.4	73.4	73.6	73.7
GE 700	52.1	61.4	64.9	66.6	69.9	70.0	71.5	72.1	72.3	73.0	74.4	74.5	75.1	75.2	75.4	75.4
GE 600	52.4	62.1	65.8	67.9	71.4	71.6	73.4	74.1	74.2	75.3	76.7	76.9	77.5	77.5	77.9	77.9
GE 500	53.0	63.2	67.1	69.6	73.9	74.2	76.3	77.2	77.5	78.9	81.0	81.2	81.8	81.9	82.2	82.3
GE 400	53.6	64.4	68.8	71.5	76.4	76.9	79.5	80.6	81.1	82.8	86.4	86.7	87.7	87.8	88.2	88.3
GE 300	53.7	64.6	69.3	72.3	77.6	78.1	80.9	82.2	82.6	84.5	89.2	89.5	91.0	91.1	91.8	91.9
GE 200	53.7	65.0	69.8	72.9	78.3	79.0	81.9	83.2	83.7	85.8	91.2	91.5	93.7	93.8	94.8	95.1
GE 100	53.7	65.0	69.8	72.9	78.4	79.1	82.0	83.4	83.8	86.1	92.3	92.7	95.5	95.7	97.3	98.2
GE 0	53.7	65.0	69.8	72.9	78.4	79.1	82.0	83.4	83.8	86.2	92.5	92.9	96.1	96.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 5040

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.9	29.8	29.8	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.3	30.3	30.3	30.3	30.3	30.3
GE 20000	30.9	31.8	31.8	31.8	32.0	32.0	32.0	32.0	32.0	32.0	32.3	32.3	32.3	32.3	32.3	32.3
GE 18000	32.9	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	34.3	34.3	34.3	34.3	34.3	34.3
GE 16000	32.9	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	34.3	34.3	34.3	34.3	34.3	34.3
GE 14000	32.9	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	34.3	34.3	34.3	34.3	34.3	34.3
GE 12000	33.6	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	35.0	35.0	35.0	35.0	35.0	35.0
GE 10000	35.5	36.4	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.9	36.9	36.9	36.9	36.9	36.9
GE 9000	36.3	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.6	37.6	37.6	37.6	37.6	37.6
GE 8000	39.9	41.2	41.2	41.2	41.8	41.8	41.8	41.8	41.8	41.8	42.1	42.1	42.1	42.1	42.1	42.1
GE 7000	43.9	45.3	45.3	45.3	45.9	45.9	45.9	45.9	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2
GE 6000	44.7	46.1	46.1	46.1	46.7	46.7	46.7	46.7	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0
GE 5000	47.6	49.0	49.0	49.0	49.6	49.6	49.6	49.6	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9
GE 4500	48.1	49.5	49.5	49.5	50.1	50.1	50.1	50.1	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4
GE 4000	50.7	52.4	52.4	52.4	53.1	53.1	53.1	53.1	53.1	53.1	53.5	53.5	53.5	53.5	53.5	53.5
GE 3500	53.9	55.9	56.1	56.1	57.0	57.0	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3
GE 3000	54.4	56.4	56.5	56.5	57.5	57.5	57.5	57.5	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8
GE 2500	57.0	59.8	59.9	60.1	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3
GE 2000	59.9	62.8	63.0	63.1	64.1	64.1	64.1	64.1	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4
GE 1800	60.8	63.9	64.1	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4
GE 1500	63.4	67.4	67.6	67.7	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0
GE 1200	65.9	70.8	71.9	72.0	73.1	73.3	73.6	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9
GE 1000	67.1	72.7	74.2	74.7	75.9	76.0	76.3	76.3	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7
GE 900	68.2	73.7	75.3	75.7	77.0	77.3	77.6	77.6	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9
GE 800	69.4	75.0	76.7	77.1	78.5	79.0	79.4	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7
GE 700	69.9	75.6	77.6	78.0	79.7	80.3	80.8	80.8	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1
GE 600	71.0	77.0	79.1	79.7	81.4	82.0	82.5	82.5	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8
GE 500	72.2	79.0	81.4	82.5	84.5	85.1	85.9	85.9	85.9	86.3	86.6	86.6	86.6	86.6	86.6	86.6
GE 400	73.3	81.1	83.9	85.1	87.3	88.0	88.9	88.9	88.9	89.9	90.5	90.5	90.5	90.5	90.5	90.5
GE 300	73.4	81.7	85.3	87.3	89.6	90.5	91.4	91.7	91.7	92.8	94.2	94.2	94.6	94.6	94.6	94.6
GE 200	73.4	81.9	85.4	87.7	90.3	91.2	92.2	92.9	92.9	94.0	96.6	96.6	97.5	97.5	97.7	97.7
GE 100	73.4	81.9	85.4	87.7	90.3	91.2	92.2	92.9	92.9	94.0	96.8	96.8	98.0	98.0	98.6	98.6
GE 0	73.4	81.9	85.4	87.7	90.3	91.2	92.2	92.9	92.9	94.0	96.8	96.8	98.3	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.1	30.6	30.7	31.0	31.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 20000	31.2	31.6	31.8	32.1	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 18000	32.6	33.0	33.2	33.5	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 16000	32.6	33.0	33.2	33.5	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 14000	32.7	33.2	33.3	33.6	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 12000	33.2	33.6	33.6	34.1	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 10000	34.7	35.3	35.5	35.8	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 9000	35.9	36.9	37.0	37.3	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 8000	38.9	40.1	40.2	40.6	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 7000	42.1	43.3	43.5	43.8	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.9	44.9	45.0	45.0	45.0
GE 6000	42.5	43.8	43.9	44.2	45.2	45.3	45.3	45.3	45.3	45.3	45.5	45.5	45.6	45.6	45.6	45.6
GE 5000	45.5	46.7	46.9	47.2	48.1	48.2	48.2	48.2	48.2	48.2	48.4	48.4	48.5	48.5	48.5	48.5
GE 4500	47.5	48.7	48.8	49.2	50.1	50.2	50.2	50.2	50.2	50.2	50.4	50.4	50.5	50.5	50.5	50.5
GE 4000	51.5	52.8	53.0	53.3	54.5	54.7	54.7	54.7	54.7	54.7	54.8	54.8	55.0	55.0	55.1	55.1
GE 3500	56.5	58.1	58.4	58.6	60.4	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.8	60.8	61.0	61.0
GE 3000	57.0	59.0	59.3	59.6	61.3	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.8	61.8	61.9	61.9
GE 2500	59.4	61.9	62.2	62.7	64.2	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.7	64.7	64.8	64.8
GE 2000	62.2	65.3	65.6	66.2	67.7	67.9	67.9	68.0	68.0	68.0	68.2	68.4	68.5	68.5	68.7	68.7
GE 1800	62.8	66.1	66.4	67.0	68.5	68.7	68.7	68.8	68.8	68.8	69.0	69.3	69.4	69.4	69.6	69.6
GE 1500	63.3	67.0	67.3	67.9	69.6	69.7	69.7	69.9	69.9	69.9	70.0	70.4	70.5	70.5	70.7	70.7
GE 1200	65.3	69.9	70.8	71.6	73.4	73.6	73.9	74.0	74.0	74.0	74.2	74.5	74.7	74.7	74.8	74.8
GE 1000	68.1	71.3	72.2	73.0	75.0	75.1	75.4	75.6	75.6	75.6	75.7	76.0	76.2	76.2	76.3	76.3
GE 900	68.8	72.4	73.3	74.0	76.0	76.2	76.5	76.7	76.7	76.7	76.8	77.1	77.3	77.3	77.4	77.4
GE 800	67.6	73.9	75.0	75.9	77.9	78.0	78.5	78.8	78.8	79.0	79.1	79.4	79.6	79.6	79.7	79.7
GE 700	68.7	75.7	77.0	77.9	79.9	80.0	80.6	81.1	81.1	81.3	81.4	81.7	81.9	81.9	82.0	82.0
GE 600	68.8	76.2	77.4	78.3	80.6	80.8	81.6	82.0	82.0	82.2	82.3	82.6	82.8	82.8	82.9	82.9
GE 500	69.7	77.3	79.0	80.2	83.4	83.7	84.6	85.1	85.3	85.6	85.7	86.0	86.2	86.2	86.3	86.3
GE 400	70.7	78.8	81.1	82.6	86.5	86.8	87.7	88.5	88.6	89.7	90.6	90.9	91.1	91.1	91.2	91.2
GE 300	71.3	79.4	82.2	84.0	88.2	88.5	89.4	90.3	90.5	91.9	93.4	93.7	94.2	94.2	94.3	94.3
GE 200	71.3	79.7	82.6	84.5	88.9	89.2	90.5	91.9	92.0	93.4	95.4	95.7	96.6	96.6	96.9	96.9
GE 100	71.3	79.7	82.6	84.6	89.2	89.6	90.8	92.2	92.3	93.9	96.2	96.5	97.4	97.4	98.3	98.3
GE 0	71.3	79.7	82.6	84.6	89.2	89.6	90.8	92.2	92.3	93.9	96.2	96.5	97.8	97.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

UNCLASSIFIED

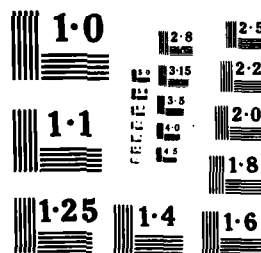
USAFETAC/DS-85/023

F/G 4/2

NL

315





GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	27.6	28.0	28.4	28.7	29.3	29.3	29.5	29.5	29.5	29.5	29.5	29.5	29.6	29.6	29.6	29.6	
GE 20000	28.9	29.2	29.6	30.0	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.9	30.9	30.9	30.9	
GE 18000	30.0	30.3	30.7	31.0	31.6	31.6	31.8	31.8	31.8	31.8	31.8	31.8	32.0	32.0	32.0	32.0	
GE 16000	30.1	30.4	31.0	31.3	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.3	32.3	32.3	32.3	
GE 14000	30.3	30.6	31.2	31.5	32.1	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4	
GE 12000	31.3	31.6	32.3	32.6	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.5	
GE 10000	32.7	33.0	33.6	33.9	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.9	34.9	34.9	34.9	
GE 9000	33.8	34.1	34.7	35.0	35.6	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.9	35.9	35.9	35.9	
GE 8000	37.0	37.3	38.1	38.4	39.0	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.3	
GE 7000	39.9	40.4	41.2	41.5	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.5	42.5	42.5	42.5	
GE 6000	41.5	41.9	42.7	43.0	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	44.1	44.1	44.1	44.1	
GE 5000	43.9	44.4	45.2	45.6	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.7	46.7	46.7	46.7	
GE 4500	45.6	46.1	46.9	47.3	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.4	48.4	48.4	48.4	
GE 4000	50.1	50.7	51.5	51.9	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	53.0	53.0	53.5	53.5	
GE 3500	52.5	53.5	54.5	55.0	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	56.1	56.1	56.5	56.5	
GE 3000	54.4	55.3	56.5	57.0	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	58.1	58.1	58.5	58.5	
GE 2500	56.8	58.1	59.3	59.8	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.8	60.8	61.3	61.3	
GE 2000	59.1	60.7	62.2	63.1	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.4	64.4	64.8	64.8	
GE 1800	59.6	61.1	62.8	63.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.1	65.1	65.6	65.6	
GE 1500	62.4	63.9	65.9	67.0	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	69.3	69.3	
GE 1200	66.1	68.5	70.5	71.7	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.7	73.9	74.2	74.7	74.8	
GE 1000	67.3	69.9	72.0	73.6	75.3	75.4	75.6	75.6	75.6	75.6	75.9	76.0	76.3	76.3	76.8	77.0	
GE 900	67.9	71.1	73.3	75.1	77.1	77.3	77.6	77.6	77.6	77.6	77.9	78.0	78.3	78.3	78.8	79.0	
GE 800	68.4	71.6	73.9	75.7	77.7	77.9	78.2	78.2	78.2	78.2	78.5	78.6	79.0	79.0	79.4	79.6	
GE 700	69.0	72.4	74.7	76.5	78.6	78.8	79.1	79.3	79.3	79.3	79.6	79.7	80.0	80.0	80.5	80.6	
GE 600	69.3	72.8	75.4	77.4	79.9	80.0	80.8	81.1	81.1	81.3	81.6	81.7	82.0	82.0	82.5	82.6	
GE 500	69.7	73.7	76.3	78.5	81.4	81.7	82.9	83.4	83.4	83.6	83.9	84.0	84.3	84.3	84.8	84.9	
GE 400	71.0	75.4	78.3	81.0	84.3	84.6	85.9	86.8	86.8	87.1	87.6	87.7	88.2	88.2	88.6	88.8	
GE 300	71.6	76.5	79.6	82.8	86.3	86.8	88.5	89.7	89.9	90.5	91.2	91.4	92.0	92.0	92.5	92.6	
GE 200	71.6	76.7	80.0	83.4	87.7	88.2	89.9	91.6	91.7	92.8	94.3	94.5	95.2	95.2	95.7	96.0	
GE 100	71.6	76.7	80.0	83.4	87.9	88.6	90.3	92.2	92.3	93.4	95.7	95.9	96.8	97.1	98.0	99.1	
GE 0	71.6	76.7	80.0	83.4	87.9	88.6	90.3	92.2	92.3	93.4	95.9	96.0	97.1	97.5	98.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	28.4	29.8	30.0	30.3	30.9	30.9	31.2	31.5	31.5	31.5	31.6	31.6	31.6	31.8	31.8	31.8
GE 20000	30.6	32.0	32.1	32.4	33.0	33.0	33.3	33.6	33.6	33.6	33.8	33.8	33.8	33.9	33.9	33.9
GE 18000	32.3	33.6	33.8	34.1	34.7	34.7	35.0	35.3	35.3	35.3	35.5	35.5	35.5	35.6	35.6	35.6
GE 16000	32.4	33.8	33.9	34.3	34.9	34.9	35.2	35.5	35.5	35.5	35.6	35.6	35.6	35.8	35.8	35.8
GE 14000	32.4	33.8	33.9	34.3	34.9	34.9	35.2	35.5	35.5	35.5	35.6	35.6	35.6	35.8	35.8	35.8
GE 12000	33.5	34.9	35.0	35.3	35.9	35.9	36.3	36.6	36.6	36.6	36.7	36.7	36.7	36.9	36.9	36.9
GE 10000	35.3	36.7	36.9	37.2	37.8	37.8	38.1	38.4	38.4	38.4	38.6	38.6	38.6	38.7	38.7	38.7
GE 9000	37.3	38.7	38.9	39.2	39.8	39.8	40.1	40.4	40.4	40.4	40.6	40.6	40.6	40.7	40.7	40.7
GE 8000	41.6	43.2	43.5	43.8	44.4	44.4	44.7	45.0	45.0	45.0	45.2	45.2	45.2	45.3	45.3	45.3
GE 7000	44.7	46.2	46.5	46.9	47.5	47.5	47.8	48.1	48.1	48.1	48.2	48.2	48.2	48.4	48.4	48.4
GE 6000	46.5	48.1	48.4	48.7	49.3	49.3	49.6	49.9	49.9	49.9	50.1	50.1	50.1	50.2	50.2	50.2
GE 5000	47.6	49.3	49.8	50.1	50.7	50.8	51.2	51.5	51.5	51.5	51.6	51.6	51.6	51.8	51.8	51.8
GE 4500	49.0	50.7	51.2	51.5	52.1	52.2	52.5	52.8	52.8	52.8	53.0	53.0	53.0	53.1	53.1	53.1
GE 4000	50.2	51.9	52.4	52.7	53.3	53.5	53.8	54.1	54.1	54.1	54.4	54.4	54.4	54.7	54.8	54.8
GE 3500	53.8	55.8	56.2	56.5	57.1	57.3	57.8	58.1	58.1	58.1	58.4	58.4	58.5	58.7	58.8	58.8
GE 3000	55.3	57.3	57.8	58.4	59.3	59.4	59.9	60.2	60.2	60.2	60.5	60.5	60.7	60.8	61.0	61.0
GE 2500	57.8	59.9	60.5	61.1	62.1	62.2	62.7	63.0	63.0	63.0	63.3	63.3	63.4	63.6	63.7	63.7
GE 2000	60.2	62.5	63.6	64.4	65.6	65.7	66.2	66.5	66.5	66.5	66.8	66.8	67.0	67.1	67.3	67.3
GE 1800	61.0	63.4	64.5	65.4	66.7	66.8	67.3	67.6	67.6	67.6	67.9	67.9	68.0	68.2	68.4	68.4
GE 1500	63.9	66.5	67.7	68.7	70.4	70.5	71.0	71.3	71.3	71.3	71.6	71.6	71.7	71.9	72.0	72.0
GE 1200	67.6	71.0	72.4	73.3	75.1	75.3	75.9	76.2	76.2	76.2	76.5	76.5	76.7	76.8	77.0	77.0
GE 1000	68.5	72.5	73.9	74.8	76.7	76.8	77.4	77.7	77.7	77.7	78.0	78.0	78.2	78.3	78.5	78.5
GE 900	69.7	74.0	75.4	76.3	78.3	78.5	79.1	79.4	79.4	79.4	79.7	79.7	79.9	80.0	80.2	80.2
GE 800	69.9	74.2	75.9	77.0	79.1	79.3	79.9	80.2	80.2	80.2	80.5	80.5	80.6	80.8	81.0	81.0
GE 700	70.4	74.8	76.5	77.6	79.7	80.0	80.6	81.0	81.0	81.0	81.3	81.3	81.4	81.6	81.7	81.7
GE 600	70.5	75.3	77.0	78.2	80.5	81.0	81.7	82.0	82.0	82.0	82.3	82.3	82.5	82.6	82.8	82.8
GE 500	72.0	78.0	80.0	81.6	83.9	84.3	85.1	86.0	86.0	86.2	86.5	86.5	86.6	86.8	86.9	86.9
GE 400	73.7	80.5	82.6	84.3	86.9	87.6	88.5	89.7	89.7	89.9	90.5	90.5	90.6	90.8	90.9	90.9
GE 300	74.2	81.7	84.0	86.3	88.9	89.6	90.5	92.3	92.5	92.9	94.0	94.0	94.2	94.3	94.6	94.6
GE 200	74.3	81.9	84.2	86.5	89.2	89.9	91.2	93.5	93.7	94.5	96.2	96.3	96.9	97.2	97.6	97.8
GE 100	74.3	81.9	84.2	86.5	89.2	90.2	91.6	93.9	94.0	95.1	96.9	97.1	98.2	98.5	99.2	99.2
GE 0	74.3	81.9	84.2	86.5	89.2	90.2	91.6	93.9	94.0	95.1	96.9	97.1	98.2	98.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	28.6	29.8	30.1	30.1	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	
GE 20000	31.8	33.0	33.3	33.3	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	
GE 18000	33.2	34.4	34.7	34.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 16000	33.3	34.6	34.9	34.9	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	
GE 14000	33.6	34.9	35.2	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	
GE 12000	33.9	35.2	35.5	35.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	
GE 10000	34.3	35.5	35.8	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	
GE 9000	35.5	36.9	37.2	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	
GE 8000	39.8	41.3	41.8	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	
GE 7000	42.9	44.4	44.9	44.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	
GE 6000	44.1	45.8	46.2	46.2	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	
GE 5000	44.5	46.5	47.0	47.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	
GE 4500	45.3	47.3	47.8	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	
GE 4000	46.5	49.5	49.9	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	
GE 3500	49.6	52.7	53.3	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
GE 3000	51.9	55.1	55.8	55.8	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	
GE 2500	53.9	57.1	57.8	57.8	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	
GE 2000	56.4	60.7	61.4	61.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	
GE 1800	57.6	62.1	62.8	63.0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	
GE 1500	59.9	64.8	65.7	65.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	
GE 1200	65.7	72.0	73.7	74.5	76.3	77.0	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
GE 1000	67.3	74.0	75.7	76.7	78.6	79.3	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
GE 900	68.5	75.4	77.1	78.0	80.0	80.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
GE 800	68.8	75.9	77.6	78.5	80.6	81.4	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
GE 700	69.3	76.3	78.0	79.1	81.3	82.0	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	
GE 600	70.4	77.4	79.1	80.2	82.3	83.1	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	
GE 500	72.4	80.2	82.3	83.7	86.0	86.8	88.0	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
GE 400	74.3	82.9	85.4	87.7	90.6	91.4	92.6	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
GE 300	75.0	83.6	86.2	88.5	92.0	92.8	94.2	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
GE 200	75.0	83.9	86.6	88.9	92.6	93.5	95.1	95.9	95.9	96.3	97.2	97.4	97.8	97.8	98.2	98.2	
GE 100	75.0	83.9	86.6	88.9	92.8	93.7	95.2	96.0	96.0	96.5	97.8	98.0	98.6	98.6	99.1	99.1	
GE 0	75.0	83.9	86.6	88.9	92.8	93.7	95.2	96.0	96.0	96.5	97.8	98.0	98.8	98.8	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.0	32.0	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 20000	32.6	33.5	33.5	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 18000	33.2	34.1	34.1	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 16000	33.3	34.3	34.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 14000	33.5	34.4	34.4	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 12000	33.6	34.6	34.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 10000	34.4	35.3	35.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 9000	36.4	37.3	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 8000	41.3	42.4	42.4	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 7000	45.2	46.2	46.2	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 6000	46.1	47.2	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 5000	47.2	48.4	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 4500	47.3	48.5	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 4000	48.7	50.1	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 3500	50.4	52.4	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 3000	53.8	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 2500	57.3	59.3	59.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 2000	59.4	62.2	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 1800	61.3	64.2	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 1600	64.7	68.0	68.2	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1200	71.6	76.5	77.4	79.0	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1000	72.4	77.6	78.5	80.0	80.5	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 900	73.0	78.2	79.1	80.6	81.1	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 800	73.3	78.6	79.6	81.1	81.6	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 700	73.6	79.0	79.9	81.4	82.0	82.3	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 600	75.0	81.0	81.9	83.4	84.2	84.5	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 500	77.0	83.7	84.8	86.3	87.6	88.0	88.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 400	79.1	87.6	89.1	91.2	92.6	93.1	93.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 300	79.1	87.7	89.6	91.9	93.5	94.2	94.9	96.6	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 200	79.1	87.9	89.7	92.0	93.9	94.5	95.2	97.4	97.5	98.0	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	79.1	87.9	89.7	92.0	93.9	94.5	95.2	97.5	97.7	98.3	98.9	98.9	99.1	99.1	99.1	99.2
GE 0	79.1	87.9	89.7	92.0	93.9	94.5	95.2	97.5	97.7	98.3	99.1	99.1	99.2	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(IST): 1800-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.3	32.6	32.7	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 20000	34.9	35.2	35.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 18000	35.5	35.8	35.9	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 16000	35.8	36.1	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 14000	36.1	36.4	36.6	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 12000	36.7	37.0	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 10000	37.6	38.1	38.2	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 9000	38.7	39.2	39.3	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 8000	44.4	45.0	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 7000	46.5	47.3	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 6000	47.2	47.9	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 5000	48.5	49.5	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 4500	49.2	50.1	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 4000	51.3	52.4	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 3500	53.8	54.8	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 3000	56.1	57.6	57.8	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 2500	58.7	60.8	61.1	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 2000	62.7	65.1	65.4	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 1800	63.1	65.6	65.9	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 1500	67.1	70.5	71.1	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 1200	73.0	77.3	78.8	79.7	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1000	73.4	78.5	80.0	81.1	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 900	73.9	79.0	80.5	81.6	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 800	74.3	79.4	81.0	82.0	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 700	75.6	80.6	82.6	83.7	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 600	76.7	82.0	84.2	85.3	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 500	78.2	83.9	86.0	87.1	88.2	88.5	88.9	89.9	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 400	80.2	86.6	89.9	91.1	92.8	93.1	93.5	94.8	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 300	80.3	87.1	90.8	92.0	94.0	94.3	94.8	96.0	96.3	96.9	97.4	97.4	97.7	97.7	97.7	97.8
GE 200	80.3	87.1	90.8	92.0	94.0	94.3	94.9	96.3	96.6	97.4	98.3	98.3	98.6	98.6	98.6	98.8
GE 100	80.3	87.1	90.8	92.0	94.0	94.3	94.9	96.3	96.6	97.4	98.5	98.5	98.9	98.9	99.2	99.4
GE 0	80.3	87.1	90.8	92.0	94.0	94.3	94.9	96.3	96.6	97.4	98.5	98.5	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS (LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.8	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 20000	33.3	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.8	33.8
GE 18000	35.0	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.5	35.5
GE 16000	35.3	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.8	35.8
GE 14000	35.3	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.8	35.8
GE 12000	36.1	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.6	36.6
GE 10000	37.2	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6	37.6
GE 9000	39.3	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.8	39.8
GE 8000	44.5	45.0	45.0	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.5	45.5
GE 7000	48.4	48.8	48.8	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3
GE 6000	48.7	49.2	49.2	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6
GE 5000	50.4	50.8	50.8	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3
GE 4500	51.6	52.1	52.1	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5
GE 4000	53.3	53.8	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2
GE 3500	55.8	56.5	56.7	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3
GE 3000	57.5	58.4	58.5	58.7	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4
GE 2500	60.2	61.1	61.3	61.4	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
GE 2000	63.0	64.7	65.0	65.1	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9
GE 1800	63.7	65.4	65.7	65.9	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7
GE 1500	67.7	70.0	70.7	71.0	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7
GE 1200	71.6	74.3	75.6	76.5	77.0	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0
GE 1000	72.5	75.7	77.1	78.3	79.0	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
GE 900	73.3	76.5	77.9	79.1	79.7	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0
GE 800	73.7	77.4	78.8	80.0	80.6	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9
GE 700	74.8	78.6	80.2	81.4	82.5	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7
GE 600	76.3	80.5	82.0	83.3	84.3	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6
GE 500	78.2	82.5	84.3	85.6	86.6	87.4	88.2	88.5	88.6	88.9	88.9	88.9	88.9	88.9	89.1	89.1
GE 400	79.3	84.5	86.5	87.9	89.2	90.2	91.1	91.4	91.9	92.5	92.8	92.8	92.8	92.8	92.9	92.9
GE 300	79.6	85.9	88.2	90.3	92.3	93.2	94.5	95.2	95.9	96.5	96.8	96.8	96.9	96.9	97.1	97.1
GE 200	79.6	85.9	88.2	90.3	92.3	93.2	94.5	95.4	96.2	96.8	97.7	97.7	97.8	97.8	98.2	98.2
GE 100	79.7	86.0	88.3	90.5	92.5	93.4	94.6	95.5	96.3	96.9	97.8	97.8	98.3	98.3	98.9	98.9
GE 0	79.7	86.0	88.3	90.5	92.5	93.4	94.6	95.5	96.3	96.9	97.8	97.8	98.5	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	29.8	30.5	30.7	31.0	31.3	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.5	
GE 20000	31.8	32.5	32.6	32.9	33.2	33.2	33.3	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	
GE 18000	33.1	33.8	33.9	34.2	34.5	34.5	34.6	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	
GE 16000	33.2	33.9	34.1	34.4	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.9	
GE 14000	33.4	34.1	34.2	34.5	34.8	34.8	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	
GE 12000	34.0	34.7	34.9	35.1	35.4	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.7	
GE 10000	35.2	36.0	36.1	36.4	36.7	36.7	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	
GE 9000	36.7	37.5	37.6	37.9	38.2	38.2	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	
GE 8000	40.9	41.9	42.2	42.4	42.8	42.8	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	
GE 7000	44.2	45.3	45.5	45.7	46.1	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	
GE 6000	45.2	46.2	46.5	46.7	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	
GE 5000	46.9	48.1	48.3	48.6	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	
GE 4500	47.9	49.1	49.4	49.6	50.1	50.1	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.4	50.4	
GE 4000	50.3	51.7	51.9	52.2	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9	53.0	53.0	53.1	53.1	
GE 3500	53.3	55.0	55.3	55.6	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.4	56.5	56.5	56.6	56.6	
GE 3000	55.0	56.8	57.2	57.5	58.1	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.6	58.7	58.7	
GE 2500	57.6	59.8	60.2	60.5	61.2	61.3	61.4	61.4	61.4	61.4	61.5	61.5	61.6	61.6	61.7	61.7	
GE 2000	60.4	63.0	63.6	64.1	64.8	64.9	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.3	65.4	65.4	
GE 1800	61.3	64.0	64.6	65.1	65.8	66.0	66.0	66.1	66.1	66.1	66.2	66.2	66.3	66.3	66.4	66.4	
GE 1500	64.1	67.3	68.0	68.6	69.5	69.6	69.7	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.1	70.1	
GE 1200	68.3	72.5	73.9	74.8	76.0	76.2	76.5	76.6	76.6	76.6	76.7	76.8	76.9	76.9	77.0	77.0	
GE 1000	69.3	74.0	75.5	76.5	77.8	78.1	78.4	78.6	78.6	78.6	78.7	78.7	78.8	78.8	79.0	79.0	
GE 900	70.2	75.0	76.5	77.6	79.0	79.3	79.6	79.8	79.8	79.8	79.9	80.0	80.0	80.0	80.2	80.2	
GE 800	70.7	75.7	77.3	78.4	79.9	80.2	80.6	80.8	80.8	80.8	80.9	81.0	81.0	81.1	81.2	81.2	
GE 700	71.4	76.6	78.3	79.5	81.0	81.4	81.9	82.1	82.1	82.1	82.2	82.3	82.4	82.4	82.5	82.5	
GE 600	72.2	77.8	79.5	80.7	82.4	82.8	83.5	83.7	83.7	83.8	83.9	84.0	84.0	84.1	84.2	84.2	
GE 500	73.7	79.8	81.8	83.2	85.2	85.7	86.5	87.1	87.2	87.4	87.5	87.6	87.7	87.7	87.8	87.8	
GE 400	75.2	82.2	84.6	86.4	88.8	89.3	90.2	91.0	91.1	91.6	92.0	92.1	92.2	92.2	92.3	92.3	
GE 300	75.6	82.9	85.7	87.9	90.6	91.2	92.3	93.4	93.5	94.2	94.9	95.0	95.2	95.3	95.4	95.4	
GE 200	75.6	83.1	85.9	88.2	91.1	91.8	92.9	94.4	94.6	95.4	96.8	96.9	97.4	97.4	97.7	97.8	
GE 100	75.6	83.1	86.0	88.2	91.2	91.9	93.1	94.6	94.8	95.7	97.3	97.4	98.2	98.2	98.8	99.0	
GE 0	75.6	83.1	86.0	88.2	91.2	91.9	93.1	94.6	94.8	95.7	97.4	97.5	98.3	98.5	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 5208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	20.8	20.8	20.8	20.8	21.1	21.1	21.1	21.1	21.1	21.1	21.3	21.3	21.3	21.3	21.3	21.3
GE 20000	24.8	24.8	24.8	24.8	25.1	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.6	25.6	25.6	25.6
GE 18000	24.8	24.8	24.8	24.8	25.1	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.6	25.6	25.6	25.6
GE 16000	24.9	24.9	24.9	24.9	25.2	25.2	25.2	25.2	25.2	25.2	25.4	25.4	25.7	25.7	25.7	25.7
GE 14000	24.9	24.9	24.9	24.9	25.2	25.2	25.2	25.2	25.2	25.2	25.4	25.4	25.7	25.7	25.7	25.7
GE 12000	25.2	25.2	25.2	25.2	25.6	25.6	25.6	25.6	25.6	25.6	25.7	25.7	26.0	26.0	26.0	26.0
GE 10000	25.9	25.9	25.9	25.9	26.2	26.2	26.2	26.2	26.2	26.2	26.3	26.3	26.7	26.7	26.7	26.7
GE 9000	27.0	27.0	27.0	27.0	27.3	27.3	27.3	27.3	27.3	27.3	27.5	27.5	27.8	27.8	27.8	27.8
GE 8000	31.4	31.4	31.4	31.4	31.7	31.7	31.7	31.7	31.7	31.7	31.9	31.9	32.2	32.2	32.2	32.2
GE 7000	34.1	34.1	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.6	34.6	34.9	34.9	34.9	34.9
GE 6000	34.8	34.8	34.8	34.8	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.6	35.6	35.6	35.6
GE 5000	35.1	35.1	35.2	35.4	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.3	36.3	36.3	36.3
GE 4500	35.2	35.2	35.4	35.6	36.0	36.0	36.0	36.0	36.0	36.0	36.2	36.2	36.5	36.5	36.5	36.5
GE 4000	36.8	36.8	37.0	37.1	37.6	37.6	37.6	37.6	37.6	37.6	37.8	37.8	38.1	38.1	38.1	38.1
GE 3500	43.3	43.3	43.5	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.3	44.3	44.6	44.6	44.6	44.6
GE 3000	45.2	45.2	45.4	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.2	46.2	46.5	46.5	46.5	46.5
GE 2500	48.4	49.0	49.2	49.4	49.8	49.8	49.8	49.8	49.8	49.8	50.0	50.0	50.3	50.3	50.3	50.3
GE 2000	50.3	51.6	51.7	52.4	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.3	53.3	53.3	53.3
GE 1800	51.7	53.0	53.2	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.6	54.6	54.9	54.9	54.9	54.9
GE 1500	55.2	56.6	57.0	57.9	58.4	58.4	58.4	58.4	58.4	58.4	58.6	58.6	59.0	59.0	59.0	59.0
GE 1200	59.7	61.6	62.2	63.3	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.4	64.4	64.4	64.4
GE 1000	61.3	64.0	64.6	65.9	66.8	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.6	67.6	67.6	67.6
GE 900	61.9	64.6	65.2	66.7	67.8	67.9	67.9	67.9	67.9	67.9	68.4	68.4	68.9	68.9	68.9	68.9
GE 800	62.2	65.6	66.2	67.8	68.9	69.0	69.0	69.0	69.0	69.0	69.5	69.5	70.0	70.0	70.0	70.0
GE 700	63.0	67.1	67.8	69.4	70.5	70.6	70.6	70.6	70.6	70.6	71.1	71.1	71.6	71.6	71.6	71.6
GE 600	64.8	70.0	70.8	72.7	74.1	74.3	74.3	74.4	74.4	74.4	75.1	75.1	75.6	75.6	75.6	75.6
GE 500	66.3	72.5	73.5	75.4	77.3	77.5	77.8	77.9	77.9	78.1	78.7	78.7	79.2	79.2	79.2	79.2
GE 400	68.6	76.7	78.6	81.1	83.3	83.5	84.0	84.3	84.3	84.6	85.2	85.2	85.7	85.7	85.7	85.7
GE 300	69.0	77.9	81.1	84.0	87.3	87.5	88.3	88.7	88.7	89.0	89.8	89.8	90.3	90.3	90.3	90.3
GE 200	69.4	78.4	81.9	84.9	89.0	89.4	90.3	91.1	91.1	91.7	93.2	93.2	93.8	93.8	93.8	93.8
GE 100	69.4	78.4	81.9	84.9	89.2	89.5	90.6	91.6	91.6	92.5	95.1	95.1	96.3	96.5	96.8	97.3
GE 0	69.4	78.4	81.9	84.9	89.2	89.5	90.6	91.6	91.6	92.5	95.2	95.2	96.7	96.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.6	21.6	21.6	21.6	21.9	21.9	21.9	21.9	21.9	21.9	22.1	22.1	22.1	22.1	22.1	22.1
GE 20000	24.4	24.9	24.9	24.9	25.2	25.2	25.2	25.2	25.2	25.2	25.4	25.4	25.4	25.4	25.4	25.4
GE 18000	24.4	24.9	24.9	24.9	25.2	25.2	25.2	25.2	25.2	25.2	25.4	25.4	25.4	25.4	25.4	25.4
GE 16000	24.6	25.1	25.1	25.1	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6
GE 14000	24.6	25.1	25.1	25.1	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6
GE 12000	24.8	25.2	25.2	25.2	25.6	25.6	25.6	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7
GE 10000	25.6	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.5	26.5	26.5	26.5	26.5	26.5
GE 9000	27.9	28.4	28.4	28.4	28.7	28.7	28.7	28.7	28.7	28.7	28.9	28.9	28.9	28.9	28.9	28.9
GE 8000	31.4	31.9	31.9	31.9	32.2	32.2	32.2	32.2	32.2	32.2	32.4	32.4	32.4	32.4	32.4	32.4
GE 7000	33.8	34.3	34.3	34.3	34.6	34.6	34.6	34.6	34.6	34.6	34.8	34.8	34.8	34.8	34.8	34.8
GE 6000	35.1	35.6	35.6	35.6	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0
GE 5000	35.7	36.3	36.5	36.5	36.8	36.8	36.8	36.8	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0
GE 4500	35.9	36.5	36.7	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1
GE 4000	38.1	39.2	39.4	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8
GE 3500	41.7	43.0	43.2	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7
GE 3000	44.1	45.4	45.6	45.6	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0
GE 2500	46.2	48.7	48.9	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4
GE 2000	48.6	51.6	51.7	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2
GE 1800	49.7	52.9	53.0	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7
GE 1500	52.9	56.0	56.3	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1
GE 1200	56.5	60.2	60.6	60.8	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6
GE 1000	59.2	64.0	64.4	64.8	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9
GE 900	61.0	65.7	66.5	66.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9
GE 800	61.9	67.0	67.8	68.1	69.0	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2
GE 700	62.5	68.4	69.2	69.7	70.8	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0
GE 600	64.1	70.8	71.7	72.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7
GE 500	65.6	72.4	73.5	74.6	76.2	76.3	76.5	76.5	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8
GE 400	67.0	75.9	78.4	80.6	82.7	83.3	83.7	83.7	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0
GE 300	67.5	77.5	81.0	84.1	86.3	87.3	87.9	88.1	88.1	88.3	88.6	88.6	88.7	88.7	88.9	88.9
GE 200	67.5	77.9	81.7	85.1	87.6	88.6	89.5	90.2	90.3	90.6	91.6	91.6	91.9	91.9	92.1	92.1
GE 100	67.5	78.3	82.1	85.4	87.9	89.0	90.2	91.0	91.1	91.7	94.1	94.1	94.8	94.8	95.9	96.5
GE 0	67.5	78.3	82.1	85.4	87.9	89.0	90.2	91.0	91.1	91.7	94.3	94.3	95.4	95.4	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 20000	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 18000	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 16000	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 14000	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 12000	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 10000	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
GE 9000	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 8000	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
GE 7000	32.2	32.4	32.4	32.4	32.7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 6000	32.7	32.9	32.9	32.9	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 5000	34.6	34.9	34.9	34.9	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 4500	35.6	36.3	36.3	36.3	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 4000	37.3	38.4	38.4	38.4	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 3500	39.8	41.1	41.1	41.4	42.1	42.1	42.2	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 3000	42.9	44.1	44.1	44.4	45.1	45.1	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 2500	46.5	49.2	49.4	49.7	50.5	50.5	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 2000	47.9	51.4	51.6	51.9	52.7	52.7	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 1800	48.4	52.1	52.2	52.5	53.3	53.3	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 1500	50.5	54.1	54.6	55.1	56.2	56.2	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 1200	52.7	56.5	57.0	57.6	58.7	58.7	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 1000	55.4	59.8	60.3	61.0	62.1	62.1	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 900	56.7	61.6	62.1	62.7	63.8	63.8	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 800	57.8	62.9	63.3	64.0	65.1	65.1	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 700	58.6	64.3	64.9	65.6	67.0	67.0	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 600	59.7	66.0	66.7	67.6	69.4	69.4	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 500	61.4	68.9	70.2	71.1	73.2	73.3	74.0	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 400	63.7	71.9	74.4	75.6	77.9	78.1	79.5	79.5	79.5	80.0	80.2	80.2	80.2	80.2	80.2	80.2
GE 300	65.1	74.3	77.8	80.0	83.7	83.8	85.4	85.6	85.6	86.5	87.0	87.0	87.1	87.1	87.1	87.1
GE 200	65.6	75.2	78.9	81.1	86.2	86.5	88.6	89.0	89.0	90.2	91.3	91.3	91.9	91.9	92.7	92.7
GE 100	65.6	75.6	79.5	81.7	87.0	87.5	90.2	90.6	90.6	91.9	93.7	93.7	95.7	95.7	96.7	96.8
GE 0	65.6	75.6	79.5	81.7	87.0	87.5	90.2	90.6	90.6	91.9	93.7	93.7	95.7	95.7	96.7	96.8

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	16.3	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.3	17.3	17.3	17.3
GE 20000	18.9	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	20.0	20.0	20.2	20.2	20.2	20.2
GE 18000	18.9	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	20.0	20.0	20.2	20.2	20.2	20.2
GE 16000	18.9	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	20.0	20.0	20.2	20.2	20.2	20.2
GE 14000	18.9	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	20.0	20.0	20.2	20.2	20.2	20.2
GE 12000	19.8	20.6	20.6	20.8	20.8	20.8	20.8	20.8	20.8	20.8	21.0	21.0	21.1	21.1	21.1	21.1
GE 10000	20.3	21.1	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.4	21.4	21.6	21.6	21.6	21.6
GE 9000	21.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.2	23.2	23.3	23.3	23.3	23.3
GE 8000	24.8	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.2	26.2	26.3	26.3	26.3	26.3
GE 7000	29.7	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.7	31.7	31.9	31.9	31.9	31.9
GE 6000	29.7	31.4	31.7	31.7	31.7	31.9	31.9	31.9	31.9	31.9	32.1	32.1	32.2	32.2	32.2	32.2
GE 5000	31.1	33.0	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7	33.8	33.8	33.8	33.8
GE 4500	32.4	34.4	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	35.1	35.1	35.2	35.2	35.2	35.2
GE 4000	34.8	36.8	37.1	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.5	37.5	37.6	37.6	37.6	37.6
GE 3500	37.6	39.8	40.3	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.8	40.8	41.0	41.0	41.0	41.0
GE 3000	39.0	41.6	42.1	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.7	42.7	42.7	42.7
GE 2500	44.8	47.8	48.3	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.9	48.9	48.9	48.9
GE 2000	46.2	49.2	49.7	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.2	50.2	50.3	50.3	50.3	50.3
GE 1800	47.0	50.3	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.3	51.4	51.4	51.4	51.4
GE 1500	48.9	52.9	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	54.0	54.0	54.0	54.0
GE 1200	52.5	57.5	58.3	58.4	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.2	59.2	59.2	59.2
GE 1000	54.9	60.2	61.0	61.1	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.9	61.9	61.9	61.9
GE 900	56.3	61.7	62.5	62.7	63.2	63.3	63.7	63.7	63.7	63.7	63.8	63.8	64.0	64.0	64.0	64.3
GE 800	57.9	63.3	64.1	64.3	64.8	64.9	65.4	65.4	65.4	65.4	65.6	65.6	65.7	65.7	65.7	66.0
GE 700	59.2	64.9	65.7	65.9	66.3	66.5	67.0	67.0	67.0	67.0	67.1	67.1	67.3	67.3	67.3	67.6
GE 600	63.3	69.4	70.3	70.8	71.3	71.4	71.9	71.9	71.9	71.9	72.1	72.1	72.2	72.2	72.2	72.5
GE 500	66.8	72.5	73.8	74.4	75.1	75.2	76.2	76.2	76.2	76.2	76.3	76.3	76.5	76.5	76.5	76.8
GE 400	69.0	77.1	78.6	79.5	80.6	80.8	82.7	83.0	83.0	83.0	83.3	83.3	83.5	83.5	83.5	83.8
GE 300	69.7	79.2	82.2	83.5	85.4	85.7	88.6	89.0	89.0	89.0	89.7	89.7	89.8	89.8	89.8	90.2
GE 200	70.2	80.0	83.5	85.2	87.3	87.6	90.6	91.3	91.3	91.7	92.5	92.5	93.5	93.5	93.7	94.0
GE 100	70.2	80.3	84.1	85.9	88.3	88.9	92.5	93.3	93.3	93.8	95.2	95.2	97.1	97.1	97.5	98.3
GE 0	70.2	80.3	84.1	85.9	88.3	88.9	92.5	93.3	93.3	93.8	95.6	95.6	97.6	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(EST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	16.3	18.1	18.1	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.9	18.9	18.9	18.9	18.9	18.9
GE 20000	20.0	21.7	21.7	21.7	22.1	22.1	22.1	22.1	22.1	22.1	22.5	22.5	22.5	22.5	22.5	22.5
GE 18000	20.3	22.1	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.9	22.9	22.9	22.9	22.9	22.9
GE 16000	20.3	22.1	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.9	22.9	22.9	22.9	22.9	22.9
GE 14000	20.3	22.1	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.9	22.9	22.9	22.9	22.9	22.9
GE 12000	21.0	22.7	22.7	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.5	23.5	23.5	23.5	23.5	23.5
GE 10000	21.0	23.0	23.0	23.0	23.3	23.3	23.3	23.3	23.3	23.3	23.8	23.8	23.8	23.8	23.8	23.8
GE 9000	21.1	24.1	24.1	24.1	24.4	24.4	24.4	24.4	24.4	24.4	24.9	24.9	24.9	24.9	24.9	24.9
GE 8000	21.2	25.2	25.2	25.2	25.6	25.6	25.6	25.6	25.6	25.6	26.0	26.0	26.0	26.0	26.0	26.0
GE 7000	25.9	28.1	28.1	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.9	28.9	28.9	28.9	28.9	28.9
GE 6000	26.8	29.0	29.0	29.0	29.4	29.4	29.4	29.4	29.4	29.4	29.8	29.8	29.8	29.8	29.8	29.8
GE 5000	27.8	30.2	30.2	30.3	30.6	30.6	30.6	30.6	30.6	30.6	31.1	31.1	31.1	31.1	31.1	31.1
GE 4500	29.2	31.6	31.6	31.7	32.1	32.1	32.1	32.1	32.1	32.1	32.5	32.5	32.5	32.5	32.5	32.5
GE 4000	31.0	33.7	33.8	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.8	34.8	34.8	34.8	34.8	34.8
GE 3500	35.2	38.6	38.7	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.7	39.7	39.7	39.7	39.7	39.7
GE 3000	37.9	41.9	42.1	42.4	42.7	42.7	42.7	42.7	42.7	42.7	43.2	43.2	43.2	43.2	43.2	43.2
GE 2500	41.9	46.3	46.5	46.6	47.5	47.5	47.5	47.5	47.5	47.5	47.9	47.9	47.9	47.9	47.9	47.9
GE 2000	43.2	47.8	48.1	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.5	49.5	49.5	49.5	49.5	49.5
GE 1800	45.4	50.3	50.8	51.1	51.9	51.9	51.9	51.9	51.9	51.9	52.4	52.4	52.4	52.4	52.4	52.4
GE 1500	47.6	53.0	53.7	54.0	54.8	54.8	55.1	55.1	55.1	55.1	55.6	55.6	55.6	55.6	55.6	55.6
GE 1200	51.4	57.8	58.4	59.2	60.2	60.6	61.0	61.0	61.0	61.0	61.4	61.4	61.4	61.4	61.4	61.4
GE 1000	53.0	60.3	61.0	61.7	62.9	63.3	63.7	63.7	63.7	63.7	64.1	64.1	64.1	64.1	64.1	64.1
GE 900	54.4	62.5	63.2	64.0	65.1	65.6	65.9	65.9	65.9	65.9	66.3	66.3	66.3	66.3	66.3	66.3
GE 800	56.5	64.9	65.6	66.3	67.5	67.9	68.3	68.4	68.4	68.4	68.9	68.9	68.9	68.9	68.9	68.9
GE 700	58.6	67.1	67.8	68.7	69.8	70.3	70.6	70.8	70.8	70.8	71.3	71.3	71.3	71.3	71.3	71.3
GE 600	60.0	70.6	72.1	73.0	74.1	74.8	75.1	75.2	75.2	75.2	75.7	75.7	75.7	75.7	75.7	75.7
GE 500	63.7	74.9	76.5	77.5	78.6	79.4	80.2	80.3	80.3	80.3	80.8	80.8	80.8	80.8	80.8	80.8
GE 400	67.3	79.8	81.9	82.9	84.6	85.7	87.0	87.3	87.3	87.3	87.9	87.9	87.9	87.9	87.9	87.9
GE 300	67.9	82.1	84.3	85.6	87.3	88.4	90.6	91.0	91.0	91.0	91.9	91.9	91.9	91.9	91.9	91.9
GE 200	68.4	83.3	85.9	87.1	90.2	91.6	94.0	94.4	94.6	94.6	96.3	96.3	96.5	96.7	96.7	96.7
GE 100	64.4	83.7	86.3	87.6	91.3	92.7	95.2	96.0	96.3	96.3	98.6	98.6	98.9	99.0	99.0	99.2
GE 0	68.4	83.7	86.3	87.6	91.3	92.7	95.2	96.0	96.3	96.3	98.7	98.7	99.0	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	13.6	14.1	14.1	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	
GE 20000	14.5	15.1	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	
GE 18000	14.7	15.2	15.2	15.2	15.2	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	
GE 16000	14.7	15.2	15.2	15.2	15.2	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	
GE 14000	14.7	15.2	15.2	15.2	15.2	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	
GE 12000	14.9	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	
GE 10000	15.9	16.4	16.4	16.4	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	
GE 9000	17.5	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	
GE 8000	18.8	19.4	19.4	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	
GE 7000	20.4	21.1	21.1	21.1	21.1	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	
GE 6000	20.4	21.1	21.1	21.1	21.1	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	
GE 5000	21.9	22.6	22.7	22.7	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	
GE 4500	22.6	23.3	23.4	23.5	23.5	23.5	23.5	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	
GE 4000	26.3	27.0	27.2	27.3	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	
GE 3500	30.0	31.6	31.9	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	
GE 3000	32.7	34.7	34.9	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 2500	36.0	39.0	39.2	39.4	39.5	39.5	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	
GE 2000	39.5	42.6	42.9	43.4	43.5	43.5	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	
GE 1800	40.9	44.1	44.4	44.9	45.0	45.3	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	
GE 1500	43.1	47.0	47.6	48.3	48.4	48.6	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	
GE 1200	51.1	56.6	57.3	58.1	58.2	58.6	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
GE 1000	52.4	58.1	58.7	59.7	60.1	60.6	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
GE 900	53.9	59.8	60.5	61.4	61.8	62.4	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	
GE 800	55.5	62.1	62.8	63.7	64.2	64.8	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	
GE 700	57.0	64.2	64.9	65.9	66.9	67.5	68.5	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	
GE 600	58.5	66.3	67.2	68.1	69.9	70.4	71.9	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
GE 500	60.8	69.6	71.2	72.2	74.3	74.9	76.9	77.2	77.3	77.6	77.8	77.8	77.8	77.8	77.8	77.8	
GE 400	62.8	73.3	76.3	77.8	81.3	82.0	84.7	85.2	85.3	85.8	87.4	87.4	87.4	87.4	87.4	87.5	
GE 300	63.6	74.6	78.1	79.8	84.8	85.5	88.3	89.0	89.1	89.8	91.9	91.9	92.2	92.3	92.3	92.5	
GE 200	63.8	75.0	78.5	80.2	85.5	86.2	89.5	90.5	90.6	91.7	95.0	95.0	95.6	95.7	96.9	97.3	
GE 100	63.8	75.0	78.5	80.2	85.5	86.2	89.7	90.7	90.9	92.1	96.0	96.0	96.6	96.8	98.1	99.2	
GE 0	63.8	75.0	78.5	80.2	85.5	86.2	89.7	90.7	90.9	92.1	96.1	96.1	96.8	96.9	98.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.1	14.9	15.0	15.0	15.0	15.0	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.3	15.3
GE 20000	15.4	16.2	16.3	16.4	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.6
GE 18000	15.6	16.5	16.6	16.6	16.6	16.6	16.6	16.8	16.8	16.8	16.8	16.8	16.8	16.9	16.9	16.9
GE 16000	15.7	16.6	16.7	16.7	16.7	16.7	16.8	16.9	16.9	16.9	16.9	16.9	17.0	17.0	17.0	17.0
GE 14000	15.8	16.7	16.8	16.8	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.1
GE 12000	16.3	17.1	17.2	17.3	17.3	17.3	17.3	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.6	17.6
GE 10000	17.1	18.0	18.1	18.1	18.2	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.4	18.4	18.5	18.5
GE 9000	17.8	18.7	18.7	18.8	18.8	18.8	18.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.1	19.1
GE 8000	19.5	20.4	20.5	20.5	20.6	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.8	20.8	20.9	20.9
GE 7000	20.9	21.9	22.0	22.1	22.1	22.1	22.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.4
GE 6000	21.6	22.7	22.8	22.9	22.9	22.9	22.9	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.2	23.2
GE 5000	22.9	24.0	24.1	24.2	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.4	24.5	24.5	24.5	24.5
GE 4500	23.4	24.6	24.7	24.8	24.8	24.8	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.1	25.1
GE 4000	25.8	27.1	27.2	27.4	27.4	27.4	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.7	27.7	27.7
GE 3500	28.9	30.8	31.0	31.2	31.3	31.3	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.6	31.6
GE 3000	30.2	32.3	32.5	32.7	32.8	32.8	32.8	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.1	33.1
GE 2500	33.1	35.5	35.8	36.0	36.2	36.2	36.2	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.5	36.5
GE 2000	35.8	38.6	38.9	39.2	39.3	39.3	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.6	39.7	39.7
GE 1800	36.8	39.8	40.1	40.4	40.6	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9
GE 1500	38.4	42.1	42.4	42.6	43.0	43.0	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4
GE 1200	43.0	47.3	48.0	48.6	49.1	49.2	49.4	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.8	49.8
GE 1000	45.2	49.9	50.8	51.4	52.0	52.1	52.3	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.8	52.8
GE 900	47.2	52.5	53.4	54.1	54.7	54.8	55.1	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5
GE 800	48.5	54.0	55.1	55.8	56.5	56.6	56.9	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.3	57.3
GE 700	50.4	56.2	57.2	58.2	59.0	59.1	59.3	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.8	59.8
GE 600	53.0	59.4	60.6	61.6	62.4	62.5	62.8	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2
GE 500	56.0	63.4	64.9	66.2	67.6	67.8	68.2	68.5	68.5	68.7	68.7	68.7	68.7	68.8	68.8	68.8
GE 400	60.2	70.3	72.8	74.7	76.9	77.2	77.9	78.2	78.2	78.6	78.7	78.7	78.7	78.8	78.8	78.8
GE 300	61.4	73.0	76.3	78.7	82.2	82.6	83.7	84.4	84.5	85.3	85.8	85.8	86.0	86.1	86.1	86.1
GE 200	61.8	74.4	78.0	80.8	85.3	85.8	87.5	88.7	88.8	90.1	91.5	91.5	92.1	92.1	92.5	92.6
GE 100	61.9	74.8	78.5	81.3	86.1	86.6	88.4	89.9	90.1	91.7	94.2	94.4	95.7	95.8	96.9	97.9
GE 0	61.9	74.8	78.5	81.3	86.1	86.6	88.4	89.9	90.1	91.7	94.4	94.6	96.1	96.3	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 5208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.3	14.9	14.9	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 20000	17.1	17.8	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GE 18000	17.2	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 16000	17.5	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 14000	17.5	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 12000	17.5	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 10000	18.7	19.5	19.5	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
GE 9000	19.8	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
GE 8000	21.2	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 7000	22.7	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 6000	23.7	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 5000	24.4	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 4500	24.6	26.0	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 4000	27.2	28.7	28.7	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 3500	29.4	30.6	30.6	30.7	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 3000	30.3	32.4	32.4	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 2500	35.2	37.9	37.9	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 2000	37.2	40.7	40.7	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 1800	37.8	41.3	41.3	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 1500	39.8	43.3	43.3	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 1200	46.1	49.8	50.2	50.7	51.3	51.5	51.5	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 1000	49.3	53.0	53.5	54.1	54.8	55.0	55.1	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 900	51.8	55.8	56.4	57.0	57.9	58.1	58.2	58.5	58.5	58.7	58.7	58.7	58.7	58.8	58.8	58.8
GE 800	52.7	56.7	57.5	58.1	59.0	59.1	59.3	59.6	59.6	59.8	59.8	59.8	59.8	59.9	59.9	59.9
GE 700	54.8	59.1	59.9	60.8	61.6	61.9	62.1	62.4	62.4	62.5	62.5	62.5	62.7	62.7	62.7	62.7
GE 600	58.2	62.5	63.3	64.5	65.4	65.6	65.7	66.1	66.1	66.2	66.2	66.2	66.4	66.4	66.4	66.4
GE 500	61.3	66.1	66.8	68.2	69.7	69.9	70.4	70.7	70.7	71.0	71.0	71.0	71.1	71.1	71.1	71.1
GE 400	65.7	73.3	76.0	78.0	80.3	80.6	81.4	81.7	81.7	82.3	82.5	82.5	82.6	82.6	82.6	82.6
GE 300	66.5	75.9	79.4	81.9	85.1	85.4	86.2	86.5	86.5	87.9	88.6	88.6	88.9	88.9	88.9	88.9
GE 200	66.8	77.1	80.8	83.9	88.2	88.6	90.0	90.3	90.3	92.0	93.4	93.5	93.9	93.9	93.9	94.0
GE 100	66.8	77.1	81.0	84.0	88.6	89.1	91.1	91.7	91.7	93.7	96.3	96.5	97.7	97.7	98.2	98.8
GE 0	66.8	77.1	81.0	84.0	88.6	89.1	91.1	91.7	91.7	93.7	96.5	96.6	98.0	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(IST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	13.8	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 20000	15.1	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 18000	15.1	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 16000	15.1	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 14000	15.5	16.7	16.7	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 12000	16.9	18.1	18.1	18.1	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
GE 10000	17.7	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 9000	18.7	20.0	20.0	20.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
GE 8000	20.3	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
GE 7000	22.0	23.3	23.3	23.3	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 6000	22.7	24.1	24.1	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 5000	24.7	26.1	26.1	26.1	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 4500	25.0	26.4	26.4	26.4	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 4000	27.0	28.4	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 3500	29.6	31.0	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 3000	30.6	32.1	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 2500	34.6	36.4	36.6	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 2000	38.4	40.7	40.9	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 1800	39.9	42.2	42.4	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 1500	41.6	44.1	44.2	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 1200	47.0	49.8	50.2	51.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 1000	48.4	51.5	52.2	53.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 900	51.0	54.5	55.5	56.4	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 800	51.9	55.5	56.4	57.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 700	53.6	57.3	58.2	59.1	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 600	58.5	62.8	63.7	64.7	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 500	63.9	68.8	69.9	70.8	72.4	72.4	72.5	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 400	69.0	77.0	78.6	80.2	83.1	83.4	83.7	84.0	84.0	84.5	84.6	84.6	84.6	84.6	84.6	84.6
GE 300	70.2	80.8	81.9	85.6	89.2	89.6	90.0	90.5	90.5	91.4	92.0	92.0	92.0	92.0	92.0	92.0
GE 200	70.5	81.3	84.6	86.8	91.1	91.4	92.2	93.1	93.1	94.2	95.5	95.5	95.7	95.7	95.7	95.7
GE 100	70.5	81.4	84.9	87.1	91.6	91.9	92.8	93.9	93.9	95.2	98.2	98.2	98.9	99.1	99.2	99.7
GE 0	70.5	81.4	84.9	87.1	91.6	91.9	92.8	93.9	93.9	95.2	98.2	98.2	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.7	15.7	15.7	15.7	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 20000	15.8	16.7	16.7	16.7	16.7	16.7	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 18000	16.0	16.9	16.9	16.9	16.9	16.9	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 16000	16.0	16.9	16.9	16.9	16.9	16.9	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 14000	16.0	16.9	16.9	16.9	16.9	16.9	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 12000	16.3	17.2	17.2	17.2	17.2	17.2	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 10000	17.4	18.3	18.3	18.3	18.3	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 9000	17.5	18.4	18.4	18.4	18.4	18.4	18.4	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
GE 8000	18.4	19.4	19.4	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 7000	19.4	20.3	20.3	20.3	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 6000	20.0	20.9	20.9	20.9	20.9	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 5000	21.4	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 4500	22.0	22.9	22.9	22.9	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 4000	25.3	26.3	26.3	26.3	26.3	26.3	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
GE 3500	29.2	30.4	30.4	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 3000	29.5	31.0	31.0	31.3	31.3	31.3	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 2500	31.8	33.3	33.8	34.1	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 2000	35.9	37.6	38.1	38.4	38.6	38.6	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 1800	36.9	38.6	39.0	39.3	39.5	39.5	39.5	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 1500	38.9	41.3	41.8	42.1	42.2	42.4	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 1200	43.9	47.3	48.2	48.5	49.2	49.3	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 1000	47.9	52.2	53.1	53.5	54.1	54.2	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 900	50.4	55.1	56.1	56.4	57.0	57.1	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 800	52.2	57.0	58.1	58.4	59.0	59.1	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 700	54.5	60.1	61.1	61.4	62.2	62.4	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 600	56.5	62.5	64.1	64.4	65.1	65.3	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 500	60.5	67.6	69.3	69.7	70.8	71.0	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 400	66.8	77.9	81.1	81.9	83.6	83.7	84.5	84.8	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1
GE 300	68.8	81.9	85.6	86.8	89.4	89.6	90.5	90.9	90.9	91.4	91.7	91.7	91.7	91.7	91.7	91.7
GE 200	69.6	83.7	87.4	88.9	92.3	92.6	93.7	94.6	94.6	95.1	95.9	95.9	96.0	96.0	96.0	96.0
GE 100	69.7	83.9	88.0	89.6	93.1	93.5	94.6	95.5	95.5	96.3	97.7	97.8	98.6	98.6	99.1	99.5
GE 0	69.7	83.9	88.0	89.6	93.1	93.5	94.6	95.5	95.5	96.3	97.7	97.8	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 792120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.4	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 20000	15.4	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
GE 18000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 16000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 14000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 12000	15.7	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
GE 10000	16.9	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 9000	17.2	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 8000	18.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 7000	19.4	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 6000	20.3	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 5000	23.2	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
GE 4500	24.0	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 4000	26.9	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 3500	28.6	30.3	30.3	30.4	30.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 3000	30.4	32.3	32.3	32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 2500	31.8	33.8	33.8	33.9	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 2000	34.9	37.0	37.0	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 1800	35.6	37.9	37.9	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 1500	37.3	40.9	40.9	41.3	41.3	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 1200	41.5	45.6	46.2	46.7	46.9	47.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 1000	43.6	48.2	48.8	49.6	49.9	50.1	50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 900	45.9	51.2	51.8	52.5	52.8	53.0	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 800	47.0	52.7	53.3	54.1	54.5	54.7	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 700	49.0	55.3	55.9	56.7	57.1	57.3	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 600	51.5	58.8	59.6	60.4	61.0	61.1	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 500	56.2	64.7	66.2	67.6	68.5	68.7	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 400	60.8	72.5	74.7	76.2	77.9	78.0	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 300	62.2	76.5	79.0	80.8	83.3	83.4	85.3	85.6	85.6	86.3	86.9	86.9	87.3	87.3	87.3	87.3
GE 200	63.0	78.5	81.3	83.9	87.4	87.7	89.9	90.8	90.9	91.9	92.9	92.9	93.4	93.4	93.5	93.5
GE 100	63.0	78.8	81.6	84.2	87.7	88.0	90.5	92.0	92.3	93.4	95.4	95.4	96.3	96.3	96.8	97.7
GE 0	63.0	78.8	81.6	84.2	87.7	88.0	90.5	92.0	92.3	93.4	95.5	95.9	96.9	96.9	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	12.7	13.1	13.4	13.4	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.8	13.8	14.0	14.0	
GE 20000	13.5	13.8	14.1	14.1	14.1	14.1	14.1	14.3	14.3	14.3	14.3	14.3	14.6	14.6	14.7	14.7	
GE 18000	14.1	14.4	14.7	14.7	14.7	14.7	14.7	14.9	14.9	14.9	14.9	14.9	15.2	15.2	15.4	15.4	
GE 16000	14.3	14.6	14.9	14.9	14.9	14.9	14.9	15.1	15.1	15.1	15.1	15.1	15.4	15.4	15.5	15.5	
GE 14000	14.4	14.7	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.5	15.5	15.7	15.7	
GE 12000	14.7	15.1	15.4	15.4	15.4	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.8	15.8	16.0	16.0	
GE 10000	15.5	15.8	16.1	16.1	16.1	16.1	16.1	16.3	16.3	16.3	16.3	16.3	16.6	16.6	16.7	16.7	
GE 9000	15.7	16.0	16.3	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.7	16.7	16.9	16.9	
GE 8000	17.2	17.5	17.8	17.8	17.8	17.8	17.8	18.0	18.0	18.0	18.0	18.0	18.3	18.3	18.4	18.4	
GE 7000	18.4	18.7	19.0	19.0	19.0	19.0	19.0	19.2	19.2	19.2	19.2	19.2	19.5	19.5	19.7	19.7	
GE 6000	19.2	19.7	20.0	20.1	20.1	20.1	20.1	20.3	20.3	20.3	20.3	20.3	20.6	20.6	20.7	20.7	
GE 5000	21.4	21.8	22.1	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.7	22.7	22.9	22.9	
GE 4500	22.0	22.4	22.7	22.9	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.3	23.3	23.5	23.5	
GE 4000	23.8	24.3	24.6	24.7	24.7	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.3	25.3	25.5	25.5	
GE 3500	27.5	28.4	28.7	28.9	29.0	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.6	29.6	29.8	29.8	
GE 3000	28.3	29.3	29.6	29.8	30.0	30.1	30.1	30.3	30.3	30.3	30.3	30.3	30.6	30.6	30.7	30.7	
GE 2500	30.7	31.8	32.3	32.4	32.6	32.7	32.7	32.9	32.9	32.9	32.9	32.9	33.2	33.2	33.3	33.3	
GE 2000	33.3	34.6	35.0	35.2	35.3	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.9	35.9	36.1	36.1	
GE 1800	34.3	35.6	36.1	36.3	36.4	36.6	36.6	36.7	36.7	36.7	36.7	36.7	37.0	37.0	37.2	37.2	
GE 1500	35.9	38.1	38.6	38.9	39.2	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.8	39.8	39.9	39.9	
GE 1200	38.9	42.5	43.8	44.1	44.4	44.5	44.5	44.7	44.7	44.9	44.9	44.9	45.2	45.2	45.3	45.3	
GE 1000	40.7	45.3	46.7	47.2	47.5	47.6	47.6	47.8	47.8	48.1	48.1	48.1	48.4	48.4	48.5	48.5	
GE 900	42.7	48.1	49.6	50.1	50.4	50.5	50.5	50.7	50.7	51.0	51.0	51.0	51.3	51.3	51.5	51.5	
GE 800	43.9	49.3	50.8	51.3	51.6	51.8	51.8	51.9	51.9	52.2	52.2	52.2	52.5	52.5	52.7	52.7	
GE 700	45.3	51.0	52.5	53.1	53.6	53.8	53.8	53.9	53.9	54.2	54.2	54.2	54.5	54.5	54.7	54.7	
GE 600	47.5	53.9	55.6	56.2	56.7	56.8	56.8	57.0	57.0	57.3	57.3	57.3	57.6	57.6	57.8	57.8	
GE 500	49.5	57.9	59.8	60.8	61.8	61.9	61.9	62.1	62.1	62.7	62.7	62.7	63.0	63.0	63.1	63.1	
GE 400	54.1	66.1	68.7	70.0	71.4	71.6	72.2	72.4	72.4	73.4	73.4	73.4	73.7	73.7	73.9	73.9	
GE 300	54.8	68.5	71.7	73.4	76.2	76.5	78.2	79.0	79.3	81.0	81.0	81.0	81.3	81.3	81.4	81.4	
GE 200	55.1	70.8	75.0	77.1	80.6	81.0	83.3	84.5	84.9	88.2	88.8	88.8	89.6	89.6	89.9	89.9	
GE 100	55.3	71.4	75.6	77.7	81.4	81.9	84.3	85.9	86.3	90.2	92.8	92.9	94.8	95.2	96.3	97.8	
GE 0	55.3	71.4	75.6	77.7	81.4	81.9	84.3	85.9	86.3	90.2	92.9	93.1	95.4	95.9	96.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(LST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CLIL	13.2	14.1	14.1	14.1	14.1	14.1	14.3	14.4	14.4	14.6	14.6	14.6	14.6	14.6	14.7	14.7
GE 20000	14.0	15.2	15.2	15.2	15.2	15.2	15.4	15.5	15.5	15.7	15.7	15.7	15.7	15.7	15.8	15.8
GE 18000	14.4	15.8	15.8	16.0	16.0	16.0	16.1	16.4	16.4	16.6	16.6	16.6	16.6	16.6	16.7	16.7
GE 16000	14.4	15.8	15.8	16.0	16.0	16.0	16.1	16.4	16.4	16.6	16.6	16.6	16.6	16.6	16.7	16.7
GE 14000	14.7	16.1	16.1	16.3	16.3	16.3	16.4	16.7	16.7	16.9	16.9	16.9	16.9	16.9	17.1	17.1
GE 12000	15.7	17.1	17.1	17.2	17.2	17.2	17.4	17.7	17.7	17.8	17.8	17.8	17.8	17.8	18.0	18.0
GE 10000	15.8	17.2	17.2	17.4	17.4	17.4	17.5	17.8	17.8	18.0	18.0	18.0	18.0	18.0	18.1	18.1
GE 9000	16.1	17.5	17.5	17.7	17.7	17.7	17.8	18.1	18.1	18.3	18.3	18.3	18.3	18.3	18.4	18.4
GE 8000	18.4	20.0	20.0	20.1	20.1	20.1	20.3	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.9	20.9
GE 7000	20.7	22.6	22.6	22.9	22.9	22.9	23.0	23.3	23.3	23.5	23.5	23.5	23.5	23.5	23.7	23.7
GE 6000	21.7	23.7	23.7	24.1	24.1	24.1	24.3	24.6	24.6	24.7	24.7	24.7	24.7	24.7	24.9	24.9
GE 5000	22.4	24.4	24.4	24.9	24.9	24.9	25.0	25.3	25.3	25.5	25.5	25.5	25.5	25.5	25.7	25.7
GE 4500	23.2	25.2	25.2	25.7	25.7	25.7	25.8	26.1	26.1	26.3	26.3	26.3	26.3	26.3	26.4	26.4
GE 4000	24.9	27.0	27.0	27.5	27.5	27.5	27.6	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.3	28.3
GE 3500	28.7	31.5	31.6	32.3	32.4	32.4	32.6	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.2	33.2
GE 3000	30.6	33.8	33.9	34.6	34.7	34.7	34.9	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.5	35.5
GE 2500	33.5	36.7	36.9	37.5	37.6	37.6	37.8	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.4	38.4
GE 2000	35.6	39.2	39.3	39.9	40.1	40.1	40.2	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.9	40.9
GE 1800	36.9	40.4	40.6	41.2	41.3	41.3	41.5	41.8	41.8	41.9	41.9	41.9	41.9	41.9	42.1	42.1
GE 1500	38.4	42.7	43.0	43.6	43.8	43.8	43.9	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.5	44.5
GE 1200	41.0	46.1	46.7	47.5	47.8	47.8	47.9	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.5	48.5
GE 1000	42.9	48.1	48.7	49.5	50.1	50.1	50.2	50.7	50.7	50.8	50.8	50.8	50.8	50.8	51.0	51.0
GE 900	44.2	49.8	50.4	51.2	51.9	51.9	52.1	52.7	52.7	52.8	52.8	52.8	52.8	52.8	53.0	53.0
GE 800	45.6	51.3	52.1	52.8	53.6	53.6	53.8	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.7	54.7
GE 700	47.3	53.1	53.9	55.0	55.9	55.9	56.1	56.7	56.7	56.8	56.8	56.8	56.8	56.8	57.0	57.0
GE 600	49.0	55.1	56.1	57.5	58.4	58.4	58.5	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.4	59.4
GE 500	50.4	57.8	59.1	61.4	63.3	63.6	64.4	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.4	65.4
GE 400	52.8	61.9	63.9	66.5	69.1	69.4	70.5	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.6	71.6
GE 300	54.1	63.9	66.7	69.9	74.8	75.3	77.1	78.3	78.8	79.1	79.4	79.4	79.6	79.6	79.7	79.7
GE 200	54.5	65.3	68.4	72.2	78.3	78.8	81.3	83.7	84.5	85.4	87.1	87.1	87.4	87.4	88.5	88.6
GE 100	54.8	65.9	69.1	73.3	79.7	80.3	82.8	85.6	86.3	87.9	90.3	90.6	91.7	91.9	94.5	95.9
GE 0	54.8	65.9	69.1	73.3	79.7	80.3	82.8	85.6	86.3	87.9	90.8	91.1	92.3	92.6	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(IST): 0300-0500

CEILING IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.7	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.6	16.6	16.6	16.6	16.6	16.6	16.7	16.9	16.9
GE 20000	15.8	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.8	17.8	17.8	17.8	17.8	17.8	18.0	18.1	18.1
GE 18000	16.0	17.4	17.5	17.5	17.5	17.5	17.5	17.5	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.3	18.3
GE 16000	16.4	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.4	18.4	18.4	18.4	18.4	18.4	18.6	18.7	18.7
GE 14000	16.4	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.4	18.4	18.4	18.4	18.4	18.4	18.6	18.7	18.7
GE 12000	16.7	18.1	18.3	18.3	18.3	18.3	18.3	18.3	18.7	18.7	18.7	18.7	18.7	18.7	18.9	19.0	19.0
GE 10000	16.9	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.9	18.9	18.9	18.9	18.9	18.9	19.0	19.2	19.2
GE 9000	18.1	19.5	19.7	19.7	19.7	19.7	19.7	19.7	20.1	20.1	20.1	20.1	20.1	20.1	20.3	20.4	20.4
GE 8000	20.3	21.7	21.8	21.8	21.8	21.8	21.8	21.8	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.6	22.6
GE 7000	22.0	23.3	23.7	23.7	23.7	23.7	23.7	23.7	24.1	24.1	24.1	24.1	24.1	24.1	24.3	24.4	24.4
GE 6000	22.0	23.5	23.8	23.8	23.8	23.8	23.8	23.8	24.3	24.3	24.3	24.3	24.3	24.3	24.4	24.6	24.6
GE 5000	22.3	23.8	24.1	24.1	24.1	24.1	24.1	24.1	24.6	24.6	24.6	24.6	24.6	24.6	24.7	24.9	24.9
GE 4500	22.6	24.1	24.4	24.4	24.4	24.4	24.4	24.4	24.9	24.9	24.9	24.9	24.9	24.9	25.0	25.2	25.2
GE 4000	25.2	27.2	27.5	27.6	27.6	27.6	27.6	27.6	28.1	28.1	28.1	28.1	28.1	28.1	28.3	28.4	28.4
GE 3500	28.9	32.6	33.0	33.3	33.3	33.3	33.3	33.3	33.8	33.8	33.8	33.8	33.8	33.8	33.9	34.1	34.1
GE 3000	30.4	34.3	34.7	35.0	35.0	35.0	35.0	35.0	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.8	35.8
GE 2500	32.6	36.9	37.3	37.6	37.6	37.6	37.6	37.6	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.4	38.4
GE 2000	34.4	39.0	39.5	39.8	39.8	39.8	39.8	39.8	40.2	40.2	40.2	40.2	40.2	40.2	40.4	40.6	40.6
GE 1800	35.5	40.9	41.3	41.6	41.6	41.6	41.6	41.6	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.4	42.4
GE 1500	36.9	43.3	43.8	44.2	44.2	44.2	44.2	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.9	45.0	45.0
GE 1200	41.5	48.5	49.3	49.8	50.4	50.5	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.5	51.5
GE 1000	43.0	50.4	51.5	51.9	52.7	52.8	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.8	53.8
GE 900	43.8	51.8	53.1	53.8	54.5	54.7	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5	55.6	55.6
GE 800	45.6	54.7	56.1	56.7	57.5	57.6	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.4	58.5	58.5
GE 700	47.6	57.1	58.5	59.1	59.9	60.1	60.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	61.0	61.0
GE 600	49.5	59.6	61.1	61.8	62.5	62.7	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.7	63.7
GE 500	51.0	61.9	64.1	64.8	66.4	66.8	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.9	67.9
GE 400	53.3	65.3	68.2	70.2	72.7	73.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.5	74.5
GE 300	54.7	66.8	70.8	73.1	77.6	78.5	79.6	81.0	81.0	81.3	81.9	81.9	81.9	82.5	82.6	82.8	82.8
GE 200	54.8	67.6	72.0	74.5	80.0	81.0	83.1	84.9	84.9	85.7	88.2	88.2	88.2	89.4	89.6	90.8	91.1
GE 100	55.0	68.0	72.5	75.1	81.3	82.2	84.3	86.3	86.5	87.6	90.5	90.6	92.3	92.5	95.1	96.5	
GE 01	55.0	68.0	72.5	75.1	81.3	82.2	84.3	86.3	86.5	87.6	90.5	90.6	92.3	92.5	95.1	96.5	

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	15.1	15.4	15.5	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
GE 20000	16.6	16.9	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 18000	16.6	16.9	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 16000	16.6	16.9	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 14000	16.6	16.9	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 12000	16.7	17.1	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 10000	18.1	18.6	18.7	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 9000	19.0	19.5	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 8000	21.4	21.8	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 7000	22.4	22.9	23.0	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 6000	23.0	23.5	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 5000	23.5	24.0	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 4500	24.1	24.6	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 4000	26.4	26.9	27.0	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 3500	30.3	31.6	31.8	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 3000	31.5	33.2	33.3	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 2500	35.0	37.2	37.6	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 2000	37.0	39.9	40.4	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 1800	37.8	41.3	41.8	42.1	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 1500	38.7	43.0	43.5	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 1200	44.2	48.8	49.6	50.2	50.8	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 1000	45.8	50.8	51.6	52.4	53.0	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 900	48.1	53.5	54.4	55.3	55.9	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 800	49.3	55.1	56.4	57.9	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 700	50.7	56.5	57.8	59.9	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 600	53.3	59.9	61.3	63.4	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 500	55.5	62.2	63.9	66.1	68.0	68.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 400	59.3	68.2	71.0	74.7	77.3	77.3	78.0	78.3	78.3	78.3	78.8	78.8	78.8	78.8	78.8	78.8
GE 300	59.8	70.0	73.6	77.9	82.2	82.3	83.1	83.9	83.9	83.9	84.0	84.9	84.9	85.1	85.1	85.1
GE 200	60.1	71.1	74.8	79.3	84.5	84.9	86.3	87.3	87.3	87.3	88.0	90.0	90.0	91.6	91.6	91.7
GE 100	60.1	71.4	75.1	79.6	85.1	85.6	87.1	88.2	88.2	88.2	89.2	92.8	92.9	95.1	95.1	96.5
GE 0	60.1	71.4	75.1	79.6	85.1	85.6	87.1	88.2	88.2	88.2	89.2	92.9	93.2	95.5	95.7	97.2

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.7	20.3	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.6	20.8	20.8	20.8	20.8	20.8	20.8
GE 20000	22.6	23.3	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.6	23.8	23.8	23.8	23.8	23.8	23.8
GE 18000	22.8	23.5	23.6	23.6	23.8	23.8	23.8	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 16000	22.9	23.7	23.7	23.8	23.9	23.9	23.9	23.9	23.9	24.1	24.1	24.2	24.2	24.2	24.2	24.2
GE 14000	22.9	23.7	23.8	23.8	23.9	23.9	23.9	23.9	23.9	24.0	24.2	24.2	24.2	24.2	24.2	24.2
GE 12000	23.4	24.2	24.2	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.6	24.6	24.7	24.7	24.7	24.7
GE 10000	24.0	24.8	24.8	24.9	25.0	25.0	25.0	25.0	25.0	25.1	25.3	25.3	25.3	25.3	25.3	25.3
GE 9000	25.3	26.2	26.2	26.2	26.4	26.4	26.4	26.4	26.4	26.4	26.6	26.6	26.7	26.7	26.7	26.7
GE 8000	28.1	29.0	29.1	29.1	29.3	29.3	29.3	29.3	29.3	29.3	29.5	29.5	29.6	29.6	29.6	29.6
GE 7000	31.0	32.1	32.1	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.6	32.6	32.7	32.7	32.7	32.7
GE 6000	31.5	32.6	32.7	32.7	33.0	33.0	33.0	33.0	33.0	33.0	33.2	33.2	33.3	33.3	33.3	33.3
GE 5000	32.5	33.7	33.8	33.9	34.2	34.2	34.2	34.2	34.2	34.2	34.4	34.4	34.5	34.5	34.5	34.5
GE 4500	33.4	34.7	34.8	34.9	35.2	35.2	35.2	35.2	35.2	35.3	35.5	35.5	35.6	35.6	35.6	35.6
GE 4000	35.5	36.9	37.0	37.1	37.4	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.8	37.8	37.8	37.8
GE 3500	40.1	41.7	41.9	42.0	42.4	42.4	42.4	42.4	42.4	42.5	42.7	42.7	42.8	42.8	42.8	42.8
GE 3000	42.3	44.1	44.3	44.4	44.8	44.8	44.8	44.8	44.8	44.9	45.1	45.1	45.2	45.2	45.2	45.2
GE 2500	45.8	48.2	48.4	48.6	49.0	49.0	49.1	49.1	49.1	49.2	49.4	49.4	49.4	49.4	49.4	49.4
GE 2000	47.8	50.5	50.7	50.9	51.3	51.4	51.4	51.4	51.4	51.5	51.7	51.7	51.8	51.8	51.8	51.8
GE 1800	48.9	51.9	52.2	52.5	52.9	52.9	53.0	53.0	53.0	53.1	53.3	53.3	53.4	53.4	53.4	53.4
GE 1500	51.6	54.9	55.3	55.6	56.2	56.2	56.3	56.3	56.3	56.4	56.6	56.6	56.7	56.7	56.7	56.7
GE 1200	55.4	59.3	59.9	60.4	61.1	61.2	61.3	61.4	61.4	61.6	61.8	61.8	61.8	61.9	61.9	61.9
GE 1000	57.3	61.9	62.6	63.1	64.0	64.2	64.4	64.4	64.5	64.7	64.9	64.9	65.0	65.0	65.0	65.0
GE 900	58.8	63.7	64.5	65.1	66.1	66.4	66.6	66.6	66.7	66.9	67.2	67.2	67.3	67.3	67.3	67.3
GE 800	59.9	65.0	65.8	66.4	67.4	67.7	67.9	68.0	68.1	68.3	68.6	68.6	68.7	68.7	68.7	68.7
GE 700	61.1	66.8	67.6	68.4	69.4	69.7	69.9	70.0	70.1	70.3	70.6	70.6	70.6	70.7	70.7	70.7
GE 600	63.0	69.5	70.5	71.4	72.6	72.9	73.2	73.4	73.4	73.7	73.9	73.9	74.0	74.0	74.0	74.1
GE 500	65.9	73.3	74.6	75.6	76.9	77.4	78.0	78.1	78.2	78.6	78.9	78.9	78.9	79.0	79.0	79.0
GE 400	68.4	77.4	79.4	80.9	82.7	83.3	84.2	84.5	84.5	85.0	85.5	85.5	85.6	85.6	85.6	85.7
GE 300	69.2	79.5	82.4	84.4	86.9	87.5	89.0	89.3	89.4	90.0	90.7	90.7	90.8	90.8	90.8	90.9
GE 200	69.5	80.3	83.4	85.6	88.9	89.6	91.3	91.9	92.1	93.0	94.2	94.2	94.5	94.6	94.7	94.8
GE 100	69.5	80.5	83.7	86.0	89.5	90.4	92.4	93.1	93.2	94.3	96.5	96.6	97.4	97.5	97.8	98.1
GE 0	69.5	80.5	83.7	86.0	89.5	90.4	92.4	93.1	93.2	94.3	96.7	96.8	97.8	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 5040

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	22.5	22.7	22.7	22.9	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3
GE 20000	26.2	26.3	26.3	26.5	26.8	26.8	26.8	26.8	26.8	26.8	27.0	27.0	27.0	27.0	27.0	27.0
GE 18000	26.5	26.7	26.7	26.8	27.1	27.1	27.1	27.1	27.1	27.1	27.3	27.3	27.3	27.3	27.3	27.3
GE 16000	27.0	27.1	27.1	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.8	27.8	27.8	27.8	27.8	27.8
GE 14000	27.0	27.1	27.1	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.8	27.8	27.8	27.8	27.8	27.8
GE 12000	27.1	27.3	27.3	27.5	27.8	27.8	27.8	27.8	27.8	27.8	27.9	27.9	27.9	27.9	27.9	27.9
GE 10000	27.5	27.6	27.6	27.8	28.1	28.1	28.1	28.1	28.1	28.1	28.3	28.3	28.3	28.3	28.3	28.3
GE 9000	28.9	29.0	29.0	29.2	29.5	29.5	29.5	29.5	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7
GE 8000	32.5	32.9	32.9	33.0	33.3	33.3	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5
GE 7000	34.6	35.1	35.1	35.2	35.6	35.6	35.6	35.6	35.6	35.7	35.9	35.9	35.9	35.9	35.9	35.9
GE 6000	34.6	35.1	35.1	35.2	35.6	35.6	35.6	35.6	35.6	35.7	35.9	35.9	35.9	35.9	35.9	35.9
GE 5000	35.6	36.0	36.0	36.2	36.5	36.5	36.5	36.5	36.5	36.7	36.8	36.8	36.8	36.8	36.8	36.8
GE 4500	36.3	36.8	36.8	37.0	37.3	37.3	37.5	37.5	37.5	37.6	37.8	37.8	37.8	37.8	37.8	37.8
GE 4000	38.4	38.9	38.9	39.0	39.4	39.4	39.5	39.5	39.5	39.7	39.8	39.8	39.8	39.8	39.8	39.8
GE 3500	44.1	44.6	44.6	44.8	45.1	45.1	45.2	45.2	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.6
GE 3000	45.7	46.2	46.2	46.3	46.7	46.7	46.8	46.8	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1
GE 2500	47.6	48.6	48.6	48.7	49.0	49.0	49.2	49.2	49.2	49.4	49.5	49.5	49.5	49.5	49.5	49.5
GE 2000	50.2	51.1	51.1	51.3	51.6	51.6	51.7	51.7	51.7	51.9	52.1	52.1	52.1	52.1	52.1	52.1
GE 1800	51.1	52.4	52.4	52.5	52.9	52.9	53.0	53.0	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3
GE 1500	53.7	55.4	55.6	55.7	56.2	56.2	56.3	56.3	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7
GE 1200	57.5	59.8	60.3	60.5	61.1	61.1	61.3	61.4	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2
GE 1000	59.6	61.7	62.2	62.4	63.3	63.3	63.7	63.8	64.3	64.8	64.9	64.9	64.9	64.9	64.9	64.9
GE 900	59.8	63.2	63.8	64.1	65.1	65.1	65.4	65.6	66.0	66.5	66.7	66.7	66.7	66.7	66.7	66.7
GE 800	60.5	64.0	64.6	64.9	65.9	65.9	66.2	66.3	66.8	67.3	67.5	67.5	67.5	67.5	67.5	67.5
GE 700	62.2	66.8	67.6	68.1	69.0	69.0	69.4	69.5	70.0	70.5	70.6	70.6	70.6	70.6	70.6	70.6
GE 600	64.8	69.7	70.5	71.0	72.1	72.2	72.7	72.9	73.3	73.8	74.0	74.0	74.0	74.0	74.0	74.0
GE 500	67.3	73.8	74.6	75.4	76.7	76.8	77.3	77.5	77.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
GE 400	69.2	78.1	79.5	81.1	82.9	83.0	83.7	83.8	84.3	85.2	85.9	85.9	85.9	85.9	85.9	85.9
GE 300	70.2	80.3	82.5	84.8	87.1	87.3	88.4	88.6	89.0	90.0	90.6	90.6	90.6	90.6	90.6	90.6
GE 200	70.3	80.5	82.9	85.6	89.0	89.4	90.8	91.3	91.7	92.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 100	70.3	80.5	82.9	85.6	89.5	89.8	91.4	91.9	92.4	93.7	97.5	97.6	97.8	97.8	97.9	97.9
GE 0	70.3	80.5	82.9	85.6	89.5	89.8	91.4	91.9	92.4	93.7	97.5	97.6	98.3	98.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 20000	24.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2
GE 18000	24.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 16000	24.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 14000	24.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 12000	24.4	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 10000	25.1	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 9000	25.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 8000	27.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 7000	31.3	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 6000	31.7	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 5000	32.5	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 4500	33.7	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 4000	36.5	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 3500	42.7	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 3000	44.9	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 2500	47.1	49.4	49.4	49.4	49.4	49.5	49.7	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 2000	49.5	51.7	51.7	51.7	51.7	51.9	52.1	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 1800	50.5	53.0	53.0	53.2	53.2	53.3	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 1500	54.0	56.7	56.7	56.8	57.0	57.1	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 1200	58.4	61.9	62.1	62.4	62.9	63.0	63.3	63.5	63.5	64.0	64.0	64.0	64.0	64.1	64.1	64.1
GE 1000	59.4	63.3	63.7	64.3	64.9	65.6	65.9	66.0	66.0	66.8	66.8	66.8	66.8	67.0	67.0	67.0
GE 900	61.3	65.7	66.2	66.8	67.9	68.6	68.9	69.0	69.0	69.8	69.8	69.8	69.8	70.0	70.0	70.0
GE 800	62.4	66.8	67.3	68.1	69.4	70.0	70.3	70.5	70.5	71.3	71.3	71.3	71.3	71.4	71.4	71.4
GE 700	63.5	68.1	68.6	69.5	70.8	71.4	71.7	71.9	71.9	72.7	72.7	72.7	72.7	72.9	72.9	72.9
GE 600	65.1	70.2	70.6	71.6	72.9	73.7	74.1	74.3	74.3	75.1	75.1	75.1	75.1	75.2	75.2	75.2
GE 500	69.5	75.6	76.5	77.6	78.9	79.7	80.2	80.3	80.3	81.6	81.6	81.6	81.6	81.7	81.7	81.7
GE 400	71.4	79.5	81.0	82.7	84.3	85.1	85.6	85.7	85.7	87.1	87.5	87.5	87.5	87.6	87.6	87.6
GE 300	72.1	82.1	84.1	86.3	89.0	89.8	90.8	91.1	91.3	92.7	93.2	93.2	93.2	93.3	93.3	93.3
GE 200	72.4	82.9	85.2	87.5	90.6	91.4	92.7	93.2	93.5	95.6	96.3	96.3	96.3	96.5	96.5	96.5
GE 100	72.4	83.0	85.6	87.8	91.4	92.2	93.7	94.3	94.6	97.1	99.4	99.4	99.5	99.7	99.7	99.7
GE 0	72.4	83.0	85.6	87.8	91.4	92.2	93.7	94.3	94.6	97.1	99.7	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	18.9	20.3	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.8	21.3	21.3	21.3	21.3	21.3	21.3
GE 20000	20.5	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.5	23.0	23.0	23.0	23.0	23.0	23.0
GE 18000	21.0	22.5	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.0	23.5	23.5	23.5	23.5	23.5	23.5
GE 16000	21.3	22.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.8	23.8	23.8	23.8	23.8	23.8
GE 14000	21.3	23.0	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.5	24.0	24.0	24.0	24.0	24.0	24.0
GE 12000	21.6	23.3	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.8	24.3	24.3	24.3	24.3	24.3	24.3
GE 10000	22.4	24.1	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.6	25.1	25.1	25.1	25.1	25.1	25.1
GE 9000	22.7	24.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.9	25.4	25.4	25.4	25.4	25.4	25.4
GE 8000	24.4	26.3	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.8	27.3	27.3	27.3	27.3	27.3	27.3
GE 7000	26.7	28.6	28.9	28.9	28.9	28.9	28.9	28.9	28.9	29.0	29.5	29.5	29.5	29.5	29.5	29.5
GE 6000	26.8	28.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.2	29.7	29.7	29.7	29.7	29.7	29.7
GE 5000	27.6	29.5	30.0	30.0	30.3	30.3	30.3	30.3	30.3	30.5	31.0	31.0	31.0	31.0	31.0	31.0
GE 4500	29.2	31.3	31.7	31.7	32.1	32.1	32.1	32.1	32.1	32.2	32.7	32.7	32.7	32.7	32.7	32.7
GE 4000	31.0	33.0	33.5	33.5	33.8	33.8	33.8	33.8	33.8	34.0	34.4	34.4	34.4	34.4	34.4	34.4
GE 3500	36.2	38.7	39.4	39.4	39.8	39.8	39.8	39.8	39.8	40.0	40.5	40.5	40.5	40.5	40.5	40.5
GE 3000	38.7	41.4	42.1	42.2	42.7	42.7	42.7	42.7	42.7	42.9	43.3	43.3	43.3	43.3	43.3	43.3
GE 2500	43.7	46.7	47.3	47.5	48.1	48.1	48.1	48.1	48.1	48.3	48.7	48.7	48.7	48.7	48.7	48.7
GE 2000	46.2	49.4	50.0	50.2	50.8	50.8	50.8	50.8	50.8	51.0	51.4	51.4	51.4	51.4	51.4	51.4
GE 1800	47.8	51.1	52.1	52.2	52.9	52.9	52.9	53.0	53.0	53.2	53.7	53.7	53.7	53.7	53.7	53.7
GE 1500	50.2	54.1	55.2	55.4	56.2	56.2	56.2	56.5	56.5	56.7	57.1	57.1	57.1	57.1	57.1	57.3
GE 1200	54.6	59.0	60.5	60.6	61.4	61.7	61.9	62.2	62.2	62.4	62.9	62.9	62.9	62.9	62.9	63.0
GE 1000	57.0	61.6	63.3	63.8	64.8	65.1	65.2	65.6	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.5
GE 900	59.4	64.8	66.7	67.1	68.1	68.9	69.0	69.4	69.4	69.8	70.3	70.3	70.3	70.3	70.3	70.5
GE 800	59.7	65.6	67.5	67.9	68.9	69.7	69.8	70.2	70.2	70.6	71.1	71.1	71.1	71.1	71.1	71.3
GE 700	61.3	67.5	69.5	70.0	71.0	71.7	71.9	72.2	72.2	72.7	73.2	73.2	73.2	73.2	73.2	73.3
GE 600	62.4	69.5	71.6	72.1	73.2	74.0	74.3	74.8	74.8	75.2	75.7	75.7	75.7	75.7	75.7	75.9
GE 500	67.6	75.9	77.9	78.4	79.7	80.6	81.6	82.1	82.1	82.9	83.3	83.3	83.3	83.3	83.3	83.5
GE 400	71.3	80.5	82.7	83.5	85.2	86.5	87.9	88.4	88.4	89.2	90.0	90.0	90.0	90.0	90.0	90.2
GE 300	71.9	83.0	85.9	86.8	89.2	90.5	92.2	92.7	92.7	93.7	94.4	94.4	94.4	94.4	94.4	94.6
GE 200	72.2	84.0	87.0	88.3	91.1	92.4	94.3	94.9	94.9	96.3	97.3	97.3	97.3	97.3	97.3	97.5
GE 100	72.2	84.0	87.3	88.7	91.7	93.2	95.1	95.9	95.9	97.6	98.9	98.9	99.0	99.0	99.2	99.4
GE 0	72.2	84.0	87.3	88.7	91.7	93.2	95.1	95.9	95.9	97.6	99.0	99.0	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL	16.1	16.4	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.9	16.9	16.9	16.9	16.9
GE 20000	16.9	17.2	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.7
GE 18000	17.2	17.5	17.7	17.7	17.9	17.9	17.9	17.9	17.9	17.9	17.9	18.0	18.0	18.0	18.0	18.0
GE 16000	17.2	17.5	17.7	17.7	17.9	17.9	17.9	17.9	17.9	17.9	17.9	18.0	18.0	18.0	18.0	18.0
GE 14000	17.3	17.6	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.1	18.1	18.1	18.1
GE 12000	17.5	17.7	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.3	18.3	18.3	18.3	18.3
GE 10000	18.1	18.4	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8	19.0	19.0	19.0	19.0	19.0
GE 9000	19.1	19.4	19.6	19.6	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.9	19.9	19.9	19.9	19.9
GE 8000	19.8	20.0	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.6	20.6	20.6	20.6	20.6
GE 7000	21.2	21.5	21.8	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0
GE 6000	21.4	21.6	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.2	22.2	22.2	22.2	22.2
GE 5000	22.4	22.7	23.0	23.0	23.1	23.1	23.1	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4
GE 4500	23.4	23.7	23.9	23.9	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.3	24.3	24.3	24.3	24.3
GE 4000	26.9	27.4	27.7	27.7	27.8	27.8	27.8	28.0	28.0	28.0	28.0	28.1	28.1	28.1	28.1	28.1
GE 3500	30.4	32.1	32.4	32.4	32.5	32.5	32.5	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8
GE 3000	32.5	35.1	35.5	35.5	35.6	35.6	35.6	35.8	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9
GE 2500	34.8	38.2	38.6	38.6	38.8	38.8	39.1	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4
GE 2000	38.2	41.8	42.3	42.9	43.3	43.3	43.5	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8
GE 1800	40.2	43.8	44.4	44.9	45.3	45.3	45.6	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8
GE 1500	42.9	46.9	47.4	48.1	48.7	48.7	48.9	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2
GE 1200	50.7	56.0	56.7	57.4	57.9	57.9	58.2	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5
GE 1000	52.7	58.3	59.0	59.8	60.8	60.8	61.3	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7
GE 900	54.2	60.1	60.9	61.7	62.8	62.8	63.3	63.6	63.6	63.6	63.7	63.8	63.8	63.8	63.8	63.8
GE 800	54.8	60.9	61.7	62.5	63.6	63.6	64.5	64.8	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1
GE 700	56.6	62.9	63.6	64.7	65.9	65.9	66.9	67.2	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6
GE 600	58.1	65.1	66.0	66.9	68.8	68.8	69.9	70.2	70.3	70.6	70.6	70.7	70.7	70.7	70.7	70.7
GE 500	61.2	69.1	70.7	71.8	73.9	74.1	75.8	76.1	76.2	76.7	77.2	77.2	77.2	77.2	77.2	77.2
GE 400	63.4	72.0	75.1	76.6	79.7	79.8	81.9	82.1	82.3	82.9	85.2	85.2	85.2	85.2	85.2	85.2
GE 300	63.7	73.4	78.1	80.4	84.1	84.3	86.4	86.7	87.0	87.9	90.7	90.7	90.9	90.9	91.0	91.0
GE 200	64.0	73.9	78.8	81.9	86.0	86.3	89.0	89.2	89.5	90.7	94.5	94.5	95.0	95.2	96.4	96.4
GE 100	64.0	73.9	78.8	81.9	86.0	86.3	89.0	89.2	89.5	90.7	95.3	95.6	96.1	96.5	98.0	98.0
GE 0	64.0	73.9	78.8	81.9	86.0	86.3	89.0	89.2	89.5	90.7	95.3	95.6	96.2	96.6	98.1	100

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.4	12.5	12.5	12.5	12.5	12.5	12.6	12.6	12.6	12.6	12.9	12.9	12.9	12.9	12.9	12.9
GE 20000	12.6	12.8	12.8	12.8	12.9	12.9	13.0	13.0	13.0	13.0	13.3	13.3	13.3	13.3	13.3	13.3
GE 18000	13.0	13.2	13.2	13.2	13.3	13.3	13.4	13.4	13.4	13.4	13.7	13.7	13.7	13.7	13.7	13.7
GE 16000	13.0	13.2	13.2	13.2	13.3	13.3	13.4	13.4	13.4	13.4	13.7	13.7	13.7	13.7	13.7	13.7
GE 14000	13.0	13.2	13.2	13.2	13.3	13.3	13.4	13.4	13.4	13.4	13.7	13.7	13.7	13.7	13.7	13.7
GE 12000	13.2	13.3	13.3	13.3	13.4	13.4	13.6	13.6	13.6	13.6	13.8	13.8	13.8	13.8	13.8	13.8
GE 10000	14.1	14.2	14.2	14.2	14.4	14.4	14.5	14.5	14.5	14.5	14.8	14.8	14.8	14.8	14.8	14.8
GE 9000	15.1	15.2	15.2	15.2	15.3	15.3	15.5	15.5	15.5	15.5	15.7	15.7	15.7	15.7	15.7	15.7
GE 8000	16.1	16.3	16.3	16.3	16.4	16.4	16.5	16.5	16.5	16.5	16.8	16.8	16.8	16.8	16.8	16.8
GE 7000	17.6	17.9	17.9	17.9	18.0	18.0	18.1	18.1	18.1	18.1	18.4	18.4	18.4	18.4	18.4	18.4
GE 6000	17.9	18.1	18.1	18.1	18.3	18.3	18.4	18.4	18.4	18.4	18.7	18.7	18.7	18.7	18.7	18.7
GE 5000	18.3	18.7	18.7	18.7	18.8	18.8	19.0	19.0	19.0	19.0	19.2	19.2	19.2	19.2	19.2	19.2
GE 4500	19.1	19.5	19.5	19.5	19.6	19.6	19.8	19.8	19.8	19.8	20.0	20.0	20.0	20.0	20.0	20.0
GE 4000	21.0	21.8	21.8	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.3	22.3	22.3	22.3	22.3	22.3
GE 3500	23.7	24.7	24.7	24.7	24.9	24.9	25.0	25.0	25.0	25.0	25.3	25.3	25.3	25.3	25.3	25.3
GE 3000	26.9	28.9	29.2	29.2	29.3	29.3	29.4	29.4	29.4	29.4	29.7	29.7	29.8	29.8	29.8	29.8
GE 2500	30.6	32.8	33.2	33.3	33.5	33.5	33.7	33.7	33.7	33.7	34.0	34.0	34.1	34.1	34.1	34.1
GE 2000	34.3	36.6	37.0	37.1	37.4	37.4	37.6	37.6	37.6	37.6	37.9	37.9	38.0	38.0	38.0	38.0
GE 1800	36.7	39.1	39.5	39.7	39.9	39.9	40.2	40.2	40.2	40.2	40.5	40.5	40.6	40.6	40.6	40.6
GE 1500	39.8	42.5	43.0	43.3	43.5	43.5	43.8	43.8	43.8	43.8	44.1	44.1	44.2	44.2	44.2	44.2
GE 1200	47.6	51.6	52.7	53.0	53.4	53.4	53.8	53.8	53.8	53.8	54.0	54.0	54.2	54.2	54.2	54.2
GE 1000	49.9	54.6	55.8	56.5	57.1	57.1	57.5	57.5	57.5	57.5	57.8	57.8	57.9	57.9	57.9	57.9
GE 900	52.0	57.1	58.3	59.0	59.7	59.7	60.5	60.6	60.6	60.6	61.0	61.0	61.2	61.2	61.2	61.2
GE 800	53.6	59.3	60.5	61.2	61.8	61.8	62.6	62.8	62.8	62.8	63.2	63.2	63.3	63.3	63.3	63.3
GE 700	54.8	61.2	62.4	63.0	64.0	64.0	64.8	64.9	64.9	65.1	65.5	65.5	65.6	65.6	65.6	65.6
GE 600	56.5	63.7	64.9	65.7	66.8	66.8	67.6	67.9	67.9	68.0	68.4	68.4	68.5	68.5	68.5	68.5
GE 500	59.5	67.9	69.9	71.2	72.7	72.7	73.7	74.1	74.1	74.2	74.6	74.6	74.7	74.7	74.7	74.7
GE 400	62.1	72.3	74.5	76.7	79.0	79.0	80.8	81.5	81.5	81.7	82.5	82.5	82.7	82.7	82.7	82.7
GE 300	63.3	74.6	77.3	79.7	82.8	82.9	85.2	86.2	86.2	86.6	87.6	87.6	87.9	88.0	88.4	88.4
GE 200	63.4	75.1	78.1	80.6	84.7	85.1	87.9	89.2	89.5	90.3	92.5	92.5	93.1	93.4	94.2	94.4
GE 100	63.4	75.1	78.1	80.6	84.7	85.1	88.4	89.9	90.2	91.5	95.0	95.0	96.9	97.4	98.5	98.9
GE 0	63.4	75.1	78.1	80.6	84.7	85.1	88.4	89.9	90.2	91.5	95.3	95.3	97.4	98.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.5	13.0	13.0	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 20000	14.1	14.7	14.7	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
GE 18000	14.4	14.9	14.9	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 16000	14.4	14.9	14.9	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 14000	14.7	15.5	15.5	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
GE 12000	14.8	15.6	15.6	15.7	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
GE 10000	16.3	17.1	17.1	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
GE 9000	16.3	17.1	17.1	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
GE 8000	16.9	17.7	17.7	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GE 7000	19.4	20.2	20.2	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 6000	20.2	21.0	21.0	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 5000	20.4	21.4	21.4	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 4500	21.0	21.9	22.0	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 4000	23.7	24.6	24.7	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 3500	26.3	27.4	27.6	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 3000	28.2	29.3	29.6	29.7	29.8	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 2500	30.6	31.9	32.1	32.4	32.5	32.5	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 2000	33.9	35.1	35.3	35.6	35.8	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 1800	35.6	36.8	37.1	37.4	37.5	37.5	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 1500	39.7	41.5	41.8	42.1	42.3	42.3	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 1200	48.9	51.9	52.3	52.8	53.2	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 1000	52.6	55.6	56.0	56.7	57.5	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 900	55.1	58.6	59.1	59.8	60.8	60.9	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 800	56.6	60.8	61.4	62.1	63.0	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 700	58.3	62.8	63.6	64.2	65.2	65.3	66.0	66.0	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 600	60.3	65.2	66.1	67.1	68.3	68.4	69.1	69.2	69.2	69.6	69.9	69.9	69.9	69.9	69.9	69.9
GE 500	61.8	67.9	69.2	70.4	71.9	72.0	73.1	73.3	73.3	73.7	73.9	73.9	73.9	73.9	73.9	73.9
GE 400	64.4	72.8	75.1	77.4	79.7	79.8	81.3	82.3	82.4	83.2	83.5	83.5	83.5	83.5	83.5	83.7
GE 300	64.7	73.9	76.3	79.0	83.6	83.7	85.8	87.2	87.4	88.6	89.1	89.1	89.1	89.1	89.1	89.4
GE 200	64.7	74.2	76.7	80.0	85.5	85.8	88.4	89.9	90.2	91.9	93.4	93.4	93.7	93.7	93.8	94.1
GE 100	64.7	74.2	76.7	80.0	85.8	86.0	88.8	90.3	90.9	93.3	96.0	96.0	96.6	96.6	97.0	97.4
GE 0	64.7	74.2	76.7	80.0	85.8	86.0	88.8	90.3	90.9	93.4	96.5	96.5	97.8	98.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 20000	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 18000	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
GE 16000	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
GE 14000	16.5	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 12000	16.9	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 10000	17.7	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GE 9000	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 8000	18.7	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 7000	20.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
GE 6000	21.9	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 5000	22.0	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 4500	22.4	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 4000	26.3	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 3500	30.2	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 3000	31.7	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 2500	35.1	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 2000	38.6	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 1800	39.9	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 1500	43.7	44.8	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 1200	52.3	54.6	55.5	56.2	56.3	56.6	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1000	55.4	58.2	59.3	59.9	60.1	60.3	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 900	56.9	59.9	61.0	62.1	62.2	62.6	63.0	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 800	57.9	61.4	62.6	63.7	63.8	64.2	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 700	60.1	64.7	66.0	67.2	67.5	67.9	68.4	68.5	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 600	62.8	68.5	70.3	71.9	72.8	73.3	73.8	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 500	65.2	71.9	74.2	75.8	76.9	77.4	78.2	78.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 400	67.2	76.6	79.4	81.6	83.3	83.9	85.5	86.6	86.6	87.1	87.4	87.4	87.4	87.4	87.4	87.4
GE 300	67.9	77.7	80.8	83.6	86.7	87.2	89.8	91.1	91.3	91.9	92.3	92.3	92.5	92.5	92.5	92.5
GE 200	68.3	78.1	81.3	84.3	87.6	88.2	91.1	93.0	93.5	94.4	96.5	96.5	96.9	96.9	97.2	97.2
GE 100	68.3	78.2	81.5	84.4	87.9	88.4	91.4	93.4	94.0	94.8	97.7	97.8	98.3	98.3	98.7	98.7
GE 01	68.3	78.2	81.5	84.4	87.9	88.4	91.4	93.4	94.0	94.8	98.3	98.4	98.8	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 1500-1700

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	12.2	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.6	12.6
GE 20000	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	14.1	14.2
GE 18000	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.4	14.5
GE 16000	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.8	14.9
GE 14000	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	15.2	15.3
GE 12000	14.8	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.3	15.5
GE 10000	15.5	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	16.0	16.1
GE 9000	16.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.8	16.9
GE 8000	16.9	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.5	17.6
GE 7000	19.1	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.8	19.9
GE 6000	19.4	19.9	19.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.4	20.6
GE 5000	19.4	19.9	19.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.4	20.6
GE 4500	20.4	21.4	21.4	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.9	22.0
GE 4000	26.1	27.2	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.7	27.8
GE 3500	29.4	31.3	31.3	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.0	32.1
GE 3000	30.8	33.1	33.3	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.1	34.3
GE 2500	35.6	38.0	38.3	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.1	39.2
GE 2000	39.7	42.1	42.3	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.4	43.5
GE 1800	41.7	44.4	44.6	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.7	45.8
GE 1500	47.7	50.8	51.1	51.6	51.6	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.2	52.3
GE 1200	56.2	60.3	61.0	61.6	61.8	61.8	62.5	62.6	62.6	62.6	62.8	62.8	62.8	62.8	63.0	63.2
GE 1000	59.1	63.8	64.7	65.5	66.0	66.0	66.7	66.9	66.9	66.9	67.2	67.2	67.2	67.2	67.5	67.6
GE 900	61.3	66.1	67.1	67.9	68.5	68.5	69.5	69.8	69.8	69.8	70.0	70.2	70.2	70.2	70.4	70.6
GE 800	62.0	67.5	68.4	69.2	69.9	69.9	70.8	71.1	71.1	71.1	71.4	71.5	71.5	71.5	71.8	71.9
GE 700	62.6	68.7	69.8	70.7	71.5	71.5	72.4	72.7	72.7	72.7	73.0	73.1	73.1	73.1	73.4	73.5
GE 600	63.8	70.7	72.2	73.3	74.3	74.3	75.3	75.5	75.5	75.5	75.8	75.9	75.9	75.9	76.2	76.3
GE 500	65.5	73.0	74.6	75.9	77.0	77.0	78.1	78.5	78.5	78.5	78.9	79.0	79.0	79.0	79.3	79.4
GE 400	68.5	78.4	81.2	83.5	85.5	85.5	87.0	88.0	88.0	88.0	88.4	88.6	88.6	89.0	89.2	89.5
GE 300	69.2	79.7	82.8	85.2	88.2	88.2	89.9	91.9	91.9	91.9	92.6	92.9	92.9	93.4	93.7	94.0
GE 200	69.2	80.1	83.5	86.0	89.2	89.5	91.4	93.5	93.5	93.5	94.6	95.3	95.3	96.4	96.6	97.6
GE 100	69.2	80.1	83.5	86.0	89.4	89.7	91.5	93.7	93.7	93.7	94.8	96.2	96.2	97.3	97.6	98.7
GE 01	69.2	80.1	83.5	86.0	89.4	89.7	91.5	93.7	93.7	93.7	94.8	96.2	96.2	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 20000		14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
GE 18000		15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 16000		15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 14000		15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 12000		15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
GE 10000		16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 9000		17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 8000		19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE 7000		21.4	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
GE 6000		21.5	21.9	21.9	22.0	22.0	22.0	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 5000		22.4	23.0	23.0	23.1	23.1	23.1	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 4500		23.5	24.1	24.1	24.2	24.2	24.2	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 4000		27.2	27.8	27.8	28.1	28.1	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 3500		30.9	31.7	32.1	32.4	32.4	32.4	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 3000		33.1	34.1	34.7	35.3	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 2500		37.5	39.2	39.8	40.5	41.0	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 2000		41.5	43.3	44.1	44.9	45.4	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 1800		42.6	44.6	45.4	46.2	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 1500		46.4	49.2	50.1	51.1	51.6	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 1200		53.6	57.0	57.9	59.1	59.8	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 1000		55.1	59.3	60.6	61.8	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 900		57.7	62.5	64.0	65.2	65.9	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 800		58.3	63.4	64.9	66.1	66.8	66.8	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 700		59.5	64.9	66.7	68.0	69.2	69.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 600		61.2	67.3	69.2	70.6	72.2	72.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 500		63.0	70.4	73.0	74.6	76.5	76.5	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 400		65.3	74.1	77.6	80.1	82.7	82.8	84.5	84.8	84.8	84.9	85.6	85.6	85.8	85.8	85.8	85.8
GE 300		65.7	75.0	78.6	81.5	85.9	86.0	88.2	89.1	89.1	89.4	91.0	91.0	91.3	91.3	91.3	91.3
GE 200		65.7	75.1	78.8	81.7	87.0	87.1	89.5	90.6	90.6	91.7	94.1	94.1	94.9	94.9	96.0	96.1
GE 100		65.7	75.3	78.9	81.9	87.2	87.4	89.8	90.9	90.9	92.3	95.2	95.3	96.4	96.4	97.4	97.7
GE 01		65.7	75.3	78.9	81.9	87.2	87.4	89.8	90.9	90.9	92.3	95.3	95.4	96.8	96.8	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL	13.5	13.7	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.9	13.9	13.9
GE 20000	14.8	15.0	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.3	15.3	15.3
GE 18000	15.1	15.4	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.6	15.6
GE 16000	15.2	15.5	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.7	15.7	15.7
GE 14000	15.3	15.6	15.7	15.7	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.9	15.9
GE 12000	15.5	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0
GE 10000	16.3	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8
GE 9000	17.2	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7
GE 8000	18.0	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.6	18.6	18.6
GE 7000	19.8	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.5	20.5	20.5
GE 6000	20.3	20.7	20.8	20.9	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.1	21.1	21.1
GE 5000	20.8	21.4	21.4	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.7
GE 4500	21.7	22.3	22.3	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6
GE 4000	25.6	26.3	26.4	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.7	26.7	26.7
GE 3500	28.9	30.1	30.3	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6
GE 3000	31.0	32.6	32.9	33.1	33.2	33.2	33.3	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4
GE 2500	34.7	36.7	37.0	37.2	37.4	37.4	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8
GE 2000	38.2	40.3	40.7	41.0	41.2	41.2	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6
GE 1800	39.9	42.1	42.5	42.9	43.0	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5
GE 1500	43.8	46.6	47.0	47.5	47.7	47.7	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2
GE 1200	51.9	55.9	56.7	57.3	57.6	57.7	58.2	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4
GE 1000	54.6	59.0	59.9	60.7	61.3	61.4	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.3	62.3
GE 900	56.7	61.5	62.4	63.2	63.9	64.0	64.7	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1
GE 800	57.8	63.1	64.1	64.9	65.6	65.7	66.5	66.6	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66.9
GE 700	59.3	65.2	66.3	67.1	68.0	68.2	69.1	69.3	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6
GE 600	61.0	67.6	68.9	70.0	71.3	71.5	72.4	72.6	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0
GE 500	63.2	70.8	72.6	73.9	75.4	75.6	76.8	77.1	77.2	77.4	77.6	77.6	77.7	77.7	77.7	77.7
GE 400	65.5	74.9	77.7	79.7	82.3	82.5	84.2	85.0	85.1	85.5	86.3	86.3	86.3	86.4	86.4	86.5
GE 300	66.2	76.2	79.4	81.8	85.7	86.0	88.1	89.3	89.4	90.0	91.1	91.1	91.3	91.4	91.5	91.6
GE 200	66.3	76.5	79.9	82.5	87.0	87.4	89.9	91.3	91.5	92.6	94.7	94.7	95.3	95.4	96.2	96.4
GE 100	66.3	76.6	79.9	82.5	87.1	87.6	90.2	91.6	91.9	93.2	96.1	96.2	97.0	97.2	98.1	98.6
GE 0	66.3	76.6	79.9	82.6	87.2	87.6	90.2	91.6	91.9	93.2	96.3	96.4	97.5	97.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 20000	27.8	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 18000	28.1	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 16000	29.4	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 14000	29.4	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 12000	29.4	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 10000	29.4	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 9000	29.7	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 8000	31.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 7000	32.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 6000	34.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 5000	35.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 4500	36.7	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 4000	39.0	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 3500	42.8	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 3000	44.9	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 2500	47.8	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 2000	53.3	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 1800	54.7	60.4	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 1500	59.2	65.8	66.4	66.4	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 1200	62.5	71.1	71.9	72.1	72.6	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 1000	64.3	75.0	76.0	76.1	76.9	76.9	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 900	65.1	76.3	77.2	77.4	78.3	78.3	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 800	66.3	77.9	79.2	79.4	80.4	80.4	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 700	66.9	79.3	80.7	81.1	82.1	82.1	82.9	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 600	68.3	81.9	84.0	84.6	86.1	86.1	86.9	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 500	68.3	82.9	85.4	86.3	88.3	88.3	89.2	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 400	69.2	84.2	86.9	87.8	90.4	90.4	91.8	92.6	92.6	92.9	93.9	93.9	93.9	94.0	94.0	94.0
GE 300	69.4	84.4	87.9	88.8	92.2	92.2	93.8	94.7	94.9	95.6	96.8	96.8	97.1	97.2	97.2	97.2
GE 200	69.4	84.4	87.9	88.9	92.4	92.4	93.9	94.9	95.0	96.1	97.5	97.5	98.3	98.5	98.9	98.9
GE 100	69.4	84.4	87.9	88.9	92.4	92.4	93.9	94.9	95.0	96.1	97.8	97.8	98.8	98.9	99.3	100.0
GE 0	69.4	84.4	87.9	88.9	92.4	92.4	93.9	94.9	95.0	96.1	97.8	97.8	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(EST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 20000	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 18000	26.4	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 16000	27.2	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 14000	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 12000	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 10000	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 9000	28.2	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 8000	30.0	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 7000	31.4	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 6000	31.8	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 5000	34.2	35.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 4500	35.4	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 4000	38.6	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 3500	43.1	44.3	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 3000	46.7	48.9	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 2500	52.1	54.9	55.6	55.6	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 2000	55.3	59.9	60.6	60.6	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 1800	58.5	63.5	64.3	64.3	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 1500	61.0	66.8	67.6	67.6	68.6	68.6	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 1200	65.1	71.9	72.9	72.9	73.9	73.9	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 1000	66.8	74.7	75.8	76.0	76.9	76.9	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 900	67.5	75.4	76.8	76.9	78.1	78.1	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 800	69.3	77.8	79.4	79.6	80.7	80.7	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 700	70.6	79.9	81.5	82.1	83.6	83.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 600	71.5	81.3	83.3	84.2	85.8	85.8	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 500	71.9	82.6	85.3	86.7	89.2	89.2	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 400	72.6	84.2	87.6	89.2	92.5	92.5	93.8	94.2	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6
GE 300	72.6	84.3	88.3	90.0	93.3	93.5	94.9	95.3	95.3	95.6	95.7	95.7	96.0	96.0	96.3	96.3
GE 200	72.6	84.3	88.3	90.0	93.3	93.5	94.9	95.7	95.8	96.5	97.1	97.1	97.4	97.4	98.1	98.3
GE 100	72.8	84.4	88.5	90.1	93.5	93.6	95.0	95.8	96.1	96.8	97.5	97.5	98.2	98.2	99.0	99.9
GE 0	72.8	84.4	88.5	90.1	93.5	93.6	95.0	95.8	96.1	96.8	97.5	97.5	98.2	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	17.6	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
GE 20000	19.4	20.1	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 18000	19.4	20.1	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 16000	20.0	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 14000	20.1	20.8	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 12000	20.4	21.1	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 10000	20.6	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 9000	20.8	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
GE 8000	22.6	23.6	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
GE 7000	24.7	26.1	26.3	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 6000	26.1	27.5	27.8	27.8	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 5000	28.6	30.0	30.3	30.3	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 4500	30.6	32.1	32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 4000	33.1	34.6	35.0	35.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 3500	37.5	39.6	40.0	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 3000	39.9	42.4	42.9	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 2500	45.1	48.2	48.8	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 2000	49.6	53.2	53.9	54.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 1800	51.4	55.6	56.4	56.9	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 1500	54.9	60.4	61.7	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 1200	61.9	67.9	69.9	70.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 1000	64.2	71.3	73.3	74.0	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 900	65.3	72.5	75.3	76.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 800	66.3	74.2	77.2	78.2	80.3	80.3	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 700	67.1	75.6	78.6	79.9	82.1	82.1	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 600	68.3	78.3	81.8	83.3	85.8	85.8	86.1	86.4	86.4	86.5	86.7	86.7	86.8	86.8	86.8	86.8
GE 500	69.3	80.0	84.0	85.6	88.2	88.2	88.5	89.0	89.0	89.2	89.3	89.3	89.4	89.4	89.4	89.4
GE 400	69.4	81.0	85.7	87.5	91.1	91.1	91.5	92.5	92.5	92.6	92.9	92.9	93.1	93.1	93.1	93.1
GE 300	69.4	81.4	86.5	88.5	92.4	92.4	92.9	93.9	94.0	94.4	95.0	95.0	95.7	95.7	96.0	96.0
GE 200	69.4	81.4	86.7	88.9	92.9	92.9	93.5	94.6	94.7	95.7	96.8	96.8	97.6	97.6	98.2	98.2
GE 100	69.6	81.5	86.8	89.0	93.1	93.1	93.6	94.7	94.9	96.3	97.5	97.5	98.9	98.9	99.4	99.6
GE 01	69.6	81.5	86.8	89.0	93.1	93.1	93.6	94.7	94.9	96.3	97.5	97.5	98.9	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		12.4	12.5	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
GE 20000		14.3	15.0	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 18000		14.4	15.1	15.1	15.1	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 16000		14.7	15.6	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
GE 14000		14.9	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 12000		15.4	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
GE 10000		16.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 9000		16.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
GE 8000		17.8	18.8	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 7000		20.4	21.9	22.1	22.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 6000		21.9	23.5	23.6	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 5000		25.3	26.9	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 4500		27.6	29.4	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 4000		31.0	32.9	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.8	33.8	33.8
GE 3500		35.1	37.1	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9
GE 3000		38.9	41.3	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.1	42.1	42.1	42.1
GE 2500		43.1	46.7	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.8	47.8	47.8	47.8
GE 2000		47.6	51.7	52.9	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	53.5
GE 1800		49.9	54.2	55.4	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0
GE 1500		54.7	60.7	62.4	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
GE 1200		61.3	67.9	69.9	69.9	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6
GE 1000		65.4	72.6	74.9	74.9	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
GE 900		66.4	74.2	76.8	77.1	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
GE 800		67.4	75.6	78.2	78.6	79.4	79.4	79.6	79.6	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
GE 700		67.8	76.1	78.8	79.2	80.6	80.6	80.7	81.1	81.1	81.5	81.5	81.5	81.7	81.7	81.7	81.7
GE 600		69.7	79.0	81.9	82.5	84.3	84.3	84.4	84.9	84.9	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 500		70.6	80.8	84.4	85.4	87.6	87.6	88.1	88.5	88.5	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 400		70.8	82.6	86.7	87.6	90.7	90.8	91.4	92.2	92.2	92.6	92.6	92.6	92.8	92.8	92.8	92.8
GE 300		70.8	83.1	87.2	88.2	91.9	92.1	93.2	95.0	95.4	96.0	96.9	96.9	97.1	97.1	97.1	97.1
GE 200		70.8	83.5	87.9	88.9	92.8	92.9	94.0	96.1	96.5	97.2	98.2	98.2	98.8	98.8	98.9	98.9
GE 100		70.8	83.5	87.9	88.9	92.9	93.1	94.2	96.4	96.8	97.6	98.9	98.9	99.9	99.9	100.0	100.0
GE 0		70.8	83.5	87.9	88.9	92.9	93.1	94.2	96.4	96.8	97.6	98.9	98.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR & ATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPT ROMANOV AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(EST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
GE 20000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	
GE 18000	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	
GE 16000	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	
GE 14000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	
GE 12000	15.4	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	
GE 10000	16.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	
GE 9000	17.6	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	
GE 8000	20.8	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	
GE 7000	23.8	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	
GE 6000	25.3	25.8	26.0	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	
GE 5000	27.4	27.9	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	
GE 4500	28.9	29.4	29.7	29.9	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	
GE 4000	33.2	34.0	34.3	34.4	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	
GE 3500	37.4	38.3	38.6	38.6	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	
GE 3000	39.9	41.3	41.7	41.8	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	
GE 2500	44.0	45.7	46.3	46.4	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	
GE 2000	50.6	52.8	53.3	53.5	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
GE 1800	52.4	54.6	55.3	55.4	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	
GE 1500	58.9	62.2	63.1	63.2	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
GE 1200	64.3	68.1	68.9	69.0	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
GE 1000	69.3	73.5	74.6	74.9	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	
GE 900	71.7	76.8	78.5	78.8	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	
GE 800	72.8	78.6	80.3	80.6	82.2	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE 700	72.8	78.8	80.4	80.8	83.1	83.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE 600	74.2	81.0	82.8	83.2	85.7	86.1	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
GE 500	74.7	82.2	84.3	84.9	87.5	87.9	88.8	88.9	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
GE 400	76.3	85.1	87.9	88.6	92.1	92.5	93.5	94.0	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	
GE 300	76.3	85.4	88.8	89.4	93.6	94.0	95.4	96.5	96.7	97.4	97.5	97.5	97.5	97.5	97.5	97.5	
GE 200	76.4	85.6	88.9	89.7	94.0	94.7	96.3	97.4	97.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3	
GE 100	76.4	85.6	88.9	89.7	94.0	94.9	96.5	97.8	97.9	98.6	98.9	98.9	99.0	99.0	99.4	99.7	
GE 0	76.4	85.6	88.9	89.7	94.0	94.9	96.5	97.8	97.9	98.6	98.9	98.9	99.0	99.0	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
GE 20000	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
GE 18000	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
GE 16000	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 14000	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 12000	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 10000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 9000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
GE 8000	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 7000	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 6000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 5000	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 4500	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 4000	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 3500	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 3000	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 2500	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 2000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 1800	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 1500	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 1200	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 1000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 900	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 800	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 700	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 600	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 500	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 400	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 300	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 200	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(EST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE J
NO CEIL	28.0	28.2	28.3	28.7	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 20000	29.3	29.8	30.0	30.4	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 18000	30.0	30.5	30.7	31.1	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 16000	30.4	31.0	31.1	31.5	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 14000	30.4	31.0	31.1	31.5	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 12000	30.5	31.5	31.7	32.1	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 10000	31.0	32.1	32.2	32.6	32.9	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 9000	31.0	32.1	32.2	32.6	32.9	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 8000	32.1	33.3	33.5	33.9	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 7000	34.3	35.6	35.7	36.1	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 6000	35.0	36.4	36.5	37.0	37.2	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 5000	37.7	39.2	39.6	40.0	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 4500	40.7	42.3	42.7	43.1	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 4000	43.9	45.7	46.3	46.7	47.0	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 3500	48.5	50.8	51.5	51.9	52.2	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 3000	49.7	52.2	53.1	53.6	54.0	54.0	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7
GE 2500	52.9	56.3	57.3	58.2	59.0	59.1	59.7	59.8	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.4
GE 2000	58.6	63.2	64.6	65.4	66.8	66.9	67.5	67.6	67.6	68.2	68.2	68.2	68.2	68.2	68.2	68.3
GE 1800	59.4	64.9	66.2	67.2	69.0	69.2	69.7	69.9	69.9	70.4	70.6	70.6	70.6	70.6	70.6	70.7
GE 1500	61.2	67.8	69.3	70.7	72.8	72.9	73.5	73.8	73.8	74.3	74.5	74.5	74.5	74.5	74.5	74.6
GE 1200	64.4	72.2	74.2	75.7	78.0	78.1	79.5	79.9	80.1	80.8	81.2	81.3	81.3	81.3	81.3	81.5
GE 1000	65.4	73.4	75.3	77.0	79.4	79.5	80.9	81.5	81.6	82.3	82.7	82.8	83.0	83.0	83.3	83.4
GE 900	65.6	73.6	75.6	77.5	80.1	80.2	81.7	82.4	82.6	83.3	83.8	84.0	84.2	84.2	84.5	84.7
GE 800	66.2	74.6	76.6	78.8	81.7	81.9	83.5	84.2	84.4	85.1	85.8	85.9	86.3	86.3	86.6	86.8
GE 700	67.1	75.7	77.7	79.9	83.0	83.1	84.8	85.9	86.1	86.8	87.7	87.9	88.3	88.3	88.6	88.7
GE 600	67.6	76.4	78.9	81.2	84.5	84.7	86.6	88.0	88.1	88.8	90.5	90.7	91.2	91.2	91.5	91.8
GE 500	67.8	77.0	79.6	81.9	85.4	85.5	87.9	89.5	89.7	90.5	92.5	92.6	93.2	93.2	93.4	93.7
GE 400	68.1	77.3	79.9	82.1	85.6	85.8	88.1	89.8	90.0	90.9	93.7	94.0	94.7	94.7	95.0	95.3
GE 300	68.2	77.4	80.1	82.3	85.9	86.1	88.4	90.1	90.2	91.4	94.1	94.4	95.1	95.1	96.5	96.9
GE 200	68.2	77.4	80.1	82.3	85.9	86.1	88.4	90.1	90.2	91.4	94.3	94.6	95.7	95.7	97.6	98.0
GE 100	68.2	77.4	80.1	82.3	85.9	86.1	88.4	90.1	90.2	91.4	94.3	94.6	95.7	95.7	98.0	98.5
GE 0	68.2	77.4	80.1	82.3	85.9	86.1	88.4	90.1	90.2	91.5	94.6	94.8	96.0	96.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(EST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 3	GE 5	GE 7	GE 9	GE 11	GE 13	GE 15	GE 17	GE 19	GE 21	GE 23	GE 25	GE 27	GE 29	GE 31
NO CEIL	29.1	30.0	30.0	30.0	30.1	30.1	30.5	30.5	30.5	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 20000	30.0	31.2	31.2	31.2	31.4	31.4	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 18000	30.5	31.8	31.8	31.8	31.9	31.9	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 16000	30.5	31.8	31.8	31.8	31.9	31.9	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 14000	30.7	31.9	31.9	31.9	32.1	32.1	32.5	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 12000	31.4	32.8	32.8	32.8	32.9	32.9	33.3	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 10000	31.9	33.5	33.5	33.5	33.6	33.6	34.0	34.0	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 9000	31.9	33.5	33.5	33.5	33.6	33.6	34.0	34.0	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 8000	33.2	34.9	34.9	34.9	35.0	35.0	35.4	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 7000	34.4	36.3	36.3	36.3	36.4	36.4	36.8	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 6000	35.8	37.7	37.7	37.7	37.8	37.8	38.2	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 5000	37.8	39.9	40.2	40.2	40.6	40.6	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 4500	40.0	42.5	43.0	43.0	43.4	43.4	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 4000	44.1	46.9	47.6	47.6	48.0	48.0	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 3500	47.7	50.8	51.9	51.9	52.4	52.4	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 3000	48.7	51.9	53.3	53.3	53.8	53.8	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 2500	51.9	55.9	57.5	57.5	58.3	58.3	58.7	58.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 2000	55.8	62.1	63.7	63.7	65.6	65.6	66.9	66.9	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 1800	56.9	64.0	65.7	65.7	67.9	67.9	69.3	69.3	69.3	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 1500	57.7	66.7	68.6	68.6	72.1	72.1	73.6	73.6	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 1200	61.4	72.1	74.3	74.3	79.4	79.4	81.0	81.0	81.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1000	62.2	73.2	75.6	75.6	81.0	81.0	82.7	82.7	83.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 900	62.6	73.9	76.8	76.8	82.4	82.4	84.1	84.1	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 800	62.9	74.6	77.5	77.5	83.4	83.4	85.1	85.1	85.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 700	63.3	75.0	78.5	78.5	84.4	84.4	86.3	86.3	86.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 600	63.7	75.6	79.4	79.4	86.1	86.1	88.3	88.3	89.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 500	63.7	76.0	79.9	79.9	86.9	86.9	89.1	89.1	90.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 400	63.9	76.2	80.2	80.2	87.3	87.3	89.4	89.4	90.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 300	63.9	76.2	80.2	80.2	87.4	87.4	89.6	89.6	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 200	63.9	76.2	80.2	80.2	87.4	87.4	89.6	89.6	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 100	63.9	76.2	80.2	80.2	87.4	87.4	89.6	89.6	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 0	63.9	76.2	80.2	80.2	87.4	87.4	89.6	89.6	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84

MONTH: OCT HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 20000	22.7	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 18000	23.1	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 16000	23.5	23.9	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
GE 14000	23.6	24.0	24.1	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 12000	24.1	24.5	24.5	24.5	24.6	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 10000	24.8	25.4	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7
GE 9000	25.2	25.8	25.8	25.9	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 8000	27.8	28.7	28.8	28.8	28.9	28.9	29.0	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1
GE 7000	30.4	31.5	31.6	31.7	31.8	31.8	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0
GE 6000	31.0	32.2	32.4	32.4	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8
GE 5000	33.0	34.5	34.7	34.8	35.0	35.0	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.3	35.3
GE 4500	34.2	35.8	36.0	36.2	36.3	36.3	36.4	36.4	36.4	36.4	36.5	36.5	36.6	36.6	36.6	36.6
GE 4000	36.8	38.9	39.2	39.3	39.5	39.5	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8
GE 3500	40.7	43.5	43.9	44.1	44.5	44.6	44.7	44.8	44.8	44.8	44.9	44.9	45.0	45.0	45.0	45.0
GE 3000	44.3	47.5	48.0	48.3	48.8	48.8	49.1	49.1	49.1	49.1	49.2	49.2	49.3	49.3	49.3	49.4
GE 2500	49.4	53.1	53.8	54.1	54.7	54.7	54.9	55.0	55.0	55.1	55.1	55.1	55.2	55.3	55.3	55.3
GE 2000	54.7	59.7	60.5	60.9	61.7	61.8	62.2	62.5	62.6	62.8	62.9	62.9	63.0	63.0	63.1	63.1
GE 1800	56.5	61.8	62.8	63.2	64.0	64.1	64.5	64.9	64.9	65.2	65.3	65.3	65.4	65.5	65.5	65.5
GE 1500	61.0	67.4	68.6	69.4	70.6	70.6	71.5	71.8	71.8	72.2	72.4	72.4	72.6	72.7	72.7	72.7
GE 1200	65.2	72.9	74.8	75.5	77.0	77.1	78.0	78.5	78.5	78.9	79.2	79.2	79.4	79.5	79.5	79.6
GE 1000	66.9	75.0	77.1	77.9	79.6	79.7	80.6	81.1	81.1	81.6	82.1	82.1	82.3	82.4	82.4	82.4
GE 900	67.7	76.2	78.4	79.4	81.0	81.1	82.2	82.7	82.7	83.2	83.7	83.8	84.0	84.1	84.1	84.1
GE 800	68.2	76.8	79.3	80.3	82.2	82.3	83.6	84.2	84.2	84.8	85.3	85.3	85.6	85.7	85.8	85.8
GE 700	68.6	77.6	80.2	81.3	83.3	83.5	84.8	85.5	85.6	86.3	86.9	87.0	87.2	87.3	87.4	87.4
GE 600	69.1	78.4	81.2	82.6	84.9	85.2	86.8	87.7	87.8	88.6	89.4	89.4	89.7	89.8	89.9	89.9
GE 500	69.4	79.2	82.1	83.7	86.7	86.9	88.8	89.8	89.9	90.9	91.7	91.7	92.2	92.3	92.4	92.5
GE 400	69.8	79.8	82.9	84.6	87.8	88.0	90.2	91.3	91.4	92.7	93.9	94.0	94.6	94.7	94.9	94.9
GE 300	69.9	79.9	83.1	84.8	88.1	88.4	90.8	92.0	92.1	93.6	95.2	95.3	96.2	96.4	96.6	96.6
GE 200	69.9	79.9	83.2	84.9	88.2	88.5	91.0	92.3	92.4	94.0	96.0	96.0	97.2	97.4	97.9	98.0
GE 100	69.9	79.9	83.2	84.9	88.2	88.5	91.0	92.3	92.4	94.0	96.2	96.2	97.6	97.8	98.6	99.1
GE 0	69.9	79.9	83.2	84.9	88.3	88.5	91.0	92.3	92.4	94.0	96.2	96.3	97.7	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.7	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 20000	25.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 18000	26.1	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 16000	26.3	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 14000	26.9	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 12000	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 10000	28.0	28.8	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 9000	28.0	28.8	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 8000	31.2	32.7	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2
GE 7000	32.9	34.4	34.8	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.5	35.5	35.8
GE 6000	33.5	35.1	35.5	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.3	36.3	36.6
GE 5000	36.2	38.0	38.4	38.7	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.4	39.4	39.7
GE 4500	37.1	39.2	39.7	39.9	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.6	40.6	40.9
GE 4000	39.7	42.3	43.0	43.3	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.2	44.2	44.5
GE 3500	42.7	46.5	47.6	47.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.2	49.3	49.6
GE 3000	45.8	50.0	51.1	51.5	52.4	52.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.4	53.5	53.8
GE 2500	50.0	55.2	56.3	56.9	57.8	57.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.9	59.1
GE 2000	54.2	61.6	62.6	63.2	64.4	64.5	65.1	65.5	65.5	65.9	65.9	65.9	65.9	66.1	66.3	66.5
GE 1800	55.4	62.9	64.1	64.7	66.0	66.1	66.7	67.1	67.1	67.5	67.5	67.5	67.7	67.9	68.1	68.1
GE 1500	60.1	70.0	71.8	72.7	74.9	75.0	75.5	75.9	75.9	76.3	76.3	76.3	76.7	76.9	77.2	77.2
GE 1200	64.4	75.4	78.0	78.9	81.7	81.9	82.4	82.8	82.8	83.2	83.3	83.3	83.7	83.9	84.1	84.1
GE 1000	64.9	76.1	78.6	79.6	82.7	82.8	83.3	83.7	83.7	84.1	84.8	84.8	85.5	85.6	85.9	85.9
GE 900	65.1	76.3	79.2	80.1	83.2	83.5	84.1	84.5	84.5	84.9	85.8	85.8	86.4	86.6	86.8	86.8
GE 800	65.5	76.9	80.0	81.0	84.8	85.2	86.2	86.7	86.7	87.1	88.0	88.0	88.7	89.1	89.4	89.4
GE 700	65.6	77.4	80.6	81.7	85.8	86.2	87.1	87.6	87.6	88.3	89.2	89.2	89.9	90.3	90.6	90.6
GE 600	66.0	77.8	81.3	82.5	86.8	87.4	89.0	89.7	89.7	90.3	91.3	91.3	91.9	92.3	92.6	92.6
GE 500	66.4	78.5	82.0	83.3	88.2	88.7	90.6	91.3	91.3	91.9	93.0	93.0	93.8	94.2	94.5	94.5
GE 400	66.7	78.9	82.4	83.7	88.8	89.4	91.5	92.2	92.2	93.0	95.3	95.3	96.5	96.9	97.2	97.2
GE 300	66.8	79.0	82.5	83.9	89.0	89.5	91.7	92.3	92.3	93.1	95.6	95.6	96.8	97.2	97.4	97.4
GE 200	66.9	79.2	82.7	84.0	89.1	89.7	91.8	92.5	92.5	93.3	96.2	96.2	97.4	97.8	98.1	98.1
GE 100	66.9	79.2	82.7	84.0	89.1	89.7	91.8	92.5	92.5	93.4	96.4	96.4	97.6	98.0	98.4	99.1
GE 0	66.9	79.2	82.7	84.0	89.1	89.7	91.8	92.5	92.5	93.4	96.4	96.4	97.6	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 1800-2000

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 14	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	16.0	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 20000	19.0	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 18000	19.5	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 16000	20.4	20.8	20.8	20.8	20.8	21.0	21.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 14000	20.4	20.8	20.8	20.8	20.8	21.0	21.0	21.5	21.5	21.5	21.5	21.8	21.8	21.8	21.8	21.8
GE 12000	20.8	21.2	21.2	21.2	21.2	21.4	21.4	21.9	21.9	21.9	21.9	22.2	22.2	22.2	22.2	22.2
GE 10000	22.2	23.4	23.4	23.4	23.4	23.5	23.5	24.1	24.1	24.1	24.1	24.3	24.3	24.3	24.3	24.3
GE 9000	22.2	23.4	23.4	23.4	23.4	23.5	23.5	24.1	24.1	24.1	24.1	24.3	24.3	24.3	24.3	24.3
GE 8000	25.3	26.9	26.9	26.9	26.9	27.0	27.0	27.6	27.6	27.6	27.6	28.0	28.0	28.0	28.0	28.0
GE 7000	28.2	30.0	30.0	30.0	30.1	30.2	30.2	30.8	30.8	30.8	30.8	31.2	31.2	31.2	31.2	31.2
GE 6000	29.6	31.3	31.3	31.3	31.5	31.5	31.6	32.1	32.1	32.1	32.1	32.5	32.5	32.5	32.5	32.5
GE 5000	30.2	32.0	32.0	32.5	32.5	32.7	32.7	33.2	33.2	33.2	33.2	33.6	33.6	33.6	33.6	33.6
GE 4500	31.3	33.1	33.1	33.6	33.6	33.7	33.7	34.3	34.3	34.3	34.3	34.7	34.7	34.7	34.7	34.7
GE 4000	34.7	37.5	38.0	38.6	38.6	38.7	39.2	39.2	39.2	39.2	39.2	39.7	39.7	39.7	39.7	39.7
GE 3500	37.8	41.4	42.1	42.6	43.1	43.3	44.0	44.0	44.0	44.0	44.1	44.5	44.5	44.5	44.8	44.8
GE 3000	40.1	43.8	44.6	45.2	46.0	46.1	46.8	46.8	46.8	46.8	46.9	47.3	47.3	47.3	47.6	47.6
GE 2500	43.7	48.3	49.1	49.6	50.4	50.5	51.2	51.2	51.2	51.3	51.7	51.7	51.7	52.0	52.0	52.0
GE 2000	50.0	55.8	56.6	57.1	58.2	58.3	59.3	59.7	59.7	60.1	60.5	60.5	60.5	60.8	60.8	60.8
GE 1800	52.6	58.9	59.7	60.2	61.3	61.4	62.4	62.8	62.8	63.2	63.6	63.6	63.6	63.8	63.8	63.8
GE 1500	57.0	65.2	66.3	66.9	68.7	68.8	70.4	70.8	70.8	71.2	71.6	71.6	71.6	71.9	71.9	71.9
GE 1200	63.3	72.3	73.8	74.6	76.5	76.6	78.2	78.8	78.8	79.4	80.1	80.1	80.1	80.4	80.4	80.4
GE 1000	65.3	74.9	76.7	77.8	80.2	80.4	82.1	82.7	82.7	83.3	84.4	84.4	84.4	84.7	84.7	84.7
GE 900	66.3	76.5	78.5	79.6	82.0	82.1	84.1	84.7	84.7	85.3	86.4	86.4	86.4	86.7	86.7	86.7
GE 800	66.4	76.9	79.0	80.2	82.7	82.8	84.9	85.5	85.5	86.2	87.4	87.4	87.4	87.8	87.8	87.8
GE 700	66.4	77.2	79.3	80.6	83.2	83.6	85.8	86.3	86.3	87.0	88.2	88.2	88.3	88.6	88.6	88.6
GE 600	67.1	77.8	80.1	81.7	84.5	84.9	87.1	87.6	87.6	88.4	89.8	89.8	90.1	90.3	90.3	90.3
GE 500	67.3	78.6	80.9	82.7	85.6	86.0	88.3	89.0	89.0	89.8	91.1	91.1	91.5	91.8	91.8	91.8
GE 400	67.9	79.3	82.1	84.3	87.4	87.8	90.1	91.1	91.1	92.1	93.8	93.8	94.4	94.6	94.8	94.8
GE 300	68.0	79.4	82.3	84.4	87.8	88.2	90.9	92.1	92.1	93.3	95.4	95.4	96.4	96.8	96.9	96.9
GE 200	68.0	79.4	82.3	84.4	87.8	88.2	91.0	92.2	92.2	93.4	96.2	96.2	97.2	97.6	97.7	97.7
GE 100	68.0	79.4	82.3	84.4	87.8	88.2	91.0	92.2	92.2	93.4	96.5	96.5	97.8	98.3	98.7	98.9
GE 0	68.0	79.4	82.3	84.4	87.8	88.2	91.0	92.2	92.2	93.4	96.5	96.5	97.8	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.1	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 20000	16.7	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 18000	17.3	17.7	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
GE 16000	18.1	18.5	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
GE 14000	18.4	18.8	19.0	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE 12000	18.7	19.1	19.2	19.2	19.2	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 10000	20.2	21.0	21.1	21.1	21.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 9000	20.8	21.6	21.8	21.8	21.8	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 8000	23.1	24.3	24.5	24.5	24.5	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 7000	26.9	28.2	28.4	28.4	28.4	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 6000	28.1	29.4	29.6	29.6	29.6	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 5000	29.3	31.0	31.5	31.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 4500	30.4	32.4	32.8	32.9	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 4000	32.3	34.9	35.3	35.5	36.0	36.0	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 3500	36.6	39.9	40.5	40.9	41.4	41.4	41.5	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 3000	40.3	44.4	44.9	45.6	46.1	46.1	46.2	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 2500	44.8	49.5	50.1	50.6	51.6	51.6	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 2000	51.1	57.0	57.7	58.3	59.1	59.1	59.7	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 1800	52.8	59.1	59.8	60.5	61.3	61.3	61.8	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 1500	58.2	64.9	65.6	66.4	67.5	67.5	69.0	69.5	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 1200	63.6	71.4	72.3	73.1	74.2	74.3	75.8	76.3	76.3	76.9	77.0	77.0	77.0	77.0	77.0	77.0
GE 1000	66.3	74.9	75.9	76.7	78.0	78.1	79.6	80.1	80.1	80.6	80.8	80.8	80.8	80.8	80.8	80.8
GE 900	68.1	77.4	78.5	79.3	80.5	80.6	82.1	82.7	82.7	83.2	83.3	83.3	83.3	83.3	83.3	83.3
GE 800	68.5	78.1	79.6	80.4	81.6	81.7	83.5	84.1	84.1	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 700	68.5	78.5	80.1	80.9	82.3	82.4	84.1	84.8	84.8	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 600	68.8	79.0	80.9	82.0	83.3	83.5	85.2	85.9	86.2	86.8	87.1	87.1	87.1	87.1	87.1	87.1
GE 500	69.5	79.8	82.0	83.2	84.9	85.1	87.2	88.3	88.6	89.2	89.5	89.5	89.7	89.7	89.7	89.7
GE 400	70.0	80.6	83.1	84.5	86.3	86.4	88.8	89.9	90.2	91.0	91.7	91.7	92.1	92.1	92.1	92.1
GE 300	70.4	81.3	83.9	85.5	87.4	87.5	90.3	91.4	91.7	92.7	94.4	94.4	94.8	94.8	94.8	94.8
GE 200	70.4	81.3	83.9	85.5	87.4	87.5	90.7	91.9	92.2	93.3	95.6	95.6	96.4	96.5	97.0	97.3
GE 100	70.4	81.3	83.9	85.5	87.4	87.5	90.7	91.9	92.2	93.3	96.0	96.0	96.9	97.0	98.1	98.8
GE 0	70.4	81.3	83.9	85.5	87.4	87.5	90.7	91.9	92.2	93.3	96.0	96.0	97.2	97.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	14.4	15.1	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 20000	17.3	18.3	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 18000	17.7	18.7	18.8	18.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 16000	18.0	19.0	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
GE 14000	18.3	19.2	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 12000	18.8	19.9	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 10000	19.2	20.3	20.4	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 9000	19.9	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 8000	23.7	25.0	25.3	25.3	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE 7000	26.7	28.4	28.6	28.6	28.9	28.9	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0
GE 6000	26.9	28.6	28.9	28.9	29.2	29.2	29.2	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3
GE 5000	29.2	31.5	31.7	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1	32.1
GE 4500	30.1	32.5	32.8	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2
GE 4000	32.4	35.3	35.6	35.6	36.0	36.0	36.0	36.0	36.0	36.0	36.2	36.2	36.2	36.2	36.2
GE 3500	35.1	38.4	38.7	38.8	39.5	39.5	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8
GE 3000	38.6	42.7	43.0	43.1	44.0	44.0	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2
GE 2500	43.7	48.5	48.8	48.9	49.7	49.7	50.0	50.0	50.0	50.1	50.3	50.3	50.4	50.4	50.4
GE 2000	48.3	53.8	54.3	54.7	55.5	55.5	56.2	56.2	56.2	56.3	56.5	56.5	56.6	56.6	56.6
GE 1800	50.7	56.5	57.1	57.5	58.3	58.3	59.0	59.0	59.0	59.1	59.3	59.3	59.4	59.4	59.4
GE 1500	55.4	61.7	62.6	63.0	63.8	63.8	65.2	65.3	65.3	65.9	66.4	66.4	66.5	66.7	66.7
GE 1200	60.1	67.9	69.9	70.7	71.8	71.9	73.4	73.5	73.5	74.1	74.6	74.6	74.7	74.9	74.9
GE 1000	63.0	71.2	73.4	74.2	75.3	75.4	77.0	77.2	77.2	77.7	78.4	78.4	78.5	78.6	78.6
GE 900	64.5	73.1	75.3	76.5	77.6	77.7	79.3	79.7	79.7	80.2	80.9	80.9	81.0	81.2	81.2
GE 800	64.9	73.8	75.9	77.4	78.8	78.9	80.5	80.9	80.9	81.5	82.1	82.1	82.3	82.4	82.4
GE 700	65.3	74.5	76.6	78.1	79.4	79.6	81.2	81.7	82.4	83.1	83.1	83.1	83.2	83.3	83.3
GE 600	65.7	75.7	77.8	79.6	81.3	81.6	83.3	84.1	84.1	85.1	85.8	85.8	85.9	86.0	86.0
GE 500	66.3	77.0	79.6	81.3	83.5	83.7	86.2	87.4	87.4	88.3	89.0	89.0	89.4	89.5	89.5
GE 400	66.5	77.6	80.5	82.4	85.2	85.5	88.8	90.2	90.2	91.3	92.1	92.1	92.5	92.6	92.6
GE 300	66.5	77.6	80.5	82.4	86.0	86.3	89.8	91.3	91.3	92.6	94.2	94.2	95.2	95.3	95.4
GE 200	66.8	77.8	80.8	82.8	86.6	86.8	90.5	92.2	92.2	93.8	95.6	95.6	97.2	97.4	98.3
GE 100	66.8	77.8	80.8	82.8	86.6	86.8	90.5	92.2	92.2	93.8	96.0	96.1	97.8	98.3	99.2
GE 0	66.8	77.8	80.8	82.8	86.6	86.8	90.5	92.2	92.2	93.8	96.0	96.1	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 20000	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 18000	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 16000	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 14000	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 12000	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 10000	22.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 9000	22.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 8000	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE 7000	28.5	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 6000	29.2	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 5000	31.5	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4
GE 4500	32.5	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.5	33.5	33.5
GE 4000	34.3	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3
GE 3500	38.0	39.5	39.9	40.1	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.7	40.7	40.7	40.9
GE 3000	43.0	44.6	45.4	45.7	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.6
GE 2500	48.0	50.0	50.9	51.2	51.9	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.4
GE 2000	53.6	56.3	57.8	58.2	59.0	59.1	59.7	60.1	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.5
GE 1800	55.9	59.1	60.6	61.0	62.0	62.1	62.6	63.0	63.0	63.0	63.3	63.3	63.4	63.4	63.4	63.6
GE 1500	62.0	65.9	67.5	67.9	69.2	69.4	69.9	70.3	70.3	70.6	70.8	70.8	71.1	71.1	71.1	71.2
GE 1200	64.5	69.6	71.4	71.8	73.1	73.3	74.1	74.9	74.9	75.1	75.4	75.4	75.7	75.7	75.7	75.8
GE 1000	66.1	71.6	73.5	74.3	75.9	76.1	77.2	78.0	78.0	78.4	78.6	78.6	78.9	78.9	78.9	79.0
GE 900	67.2	72.8	74.9	75.7	77.3	77.4	78.5	79.3	79.3	79.7	80.0	80.0	80.2	80.2	80.2	80.4
GE 800	68.4	74.2	76.2	77.0	78.8	78.9	80.0	80.9	80.9	81.5	81.7	81.7	82.0	82.0	82.0	82.1
GE 700	69.4	75.4	78.0	78.9	80.8	80.9	82.0	83.2	83.2	84.0	84.3	84.3	84.5	84.5	84.5	84.7
GE 600	69.5	76.1	78.9	80.4	83.1	83.2	84.4	86.0	86.0	87.1	87.5	87.5	87.9	87.9	87.9	88.0
GE 500	70.0	77.2	80.1	81.7	85.5	85.6	87.1	88.7	88.7	90.6	91.0	91.0	91.5	91.5	91.5	91.7
GE 400	70.2	77.4	80.4	82.1	86.2	86.3	88.2	90.1	90.1	92.2	92.7	92.7	93.4	93.4	93.4	93.5
GE 300	70.2	77.4	80.5	82.3	86.4	86.6	88.7	90.6	90.6	93.0	94.1	94.1	95.7	95.7	95.7	95.8
GE 200	70.2	77.6	80.6	82.4	86.6	86.7	89.0	91.1	91.1	93.5	95.0	95.0	97.6	97.6	97.7	98.0
GE 100	70.2	77.6	80.6	82.4	86.6	86.7	89.0	91.1	91.1	93.5	95.0	95.0	98.0	98.0	98.3	98.9
GE 0	70.2	77.6	80.6	82.4	86.6	86.7	89.0	91.1	91.1	93.5	95.2	95.2	98.3	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS (LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.2	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 20000	27.2	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 18000	27.4	27.8	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 16000	27.7	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 14000	27.7	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 12000	28.1	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 10000	28.5	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 9000	28.8	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 8000	30.0	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 7000	32.0	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 6000	32.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 5000	33.7	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 4500	35.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 4000	38.8	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 3500	43.7	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 3000	47.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 2500	53.0	56.3	56.7	56.7	56.7	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0
GE 2000	59.7	64.2	65.3	65.3	65.9	66.1	66.3	66.4	66.4	66.4	66.5	66.5	66.7	66.7	66.7	66.7
GE 1800	60.9	65.7	67.2	67.3	67.9	68.1	68.3	68.5	68.5	68.7	69.0	69.0	69.1	69.1	69.1	69.1
GE 1500	64.8	70.2	72.0	72.4	73.4	73.7	73.8	74.1	74.1	74.2	74.5	74.6	74.9	75.0	75.0	75.0
GE 1200	68.1	75.0	77.6	78.0	79.3	79.6	79.7	80.1	80.1	80.2	80.5	80.6	80.9	81.0	81.0	81.0
GE 1000	69.4	76.9	79.4	80.0	81.3	81.6	81.7	82.3	82.3	82.4	82.7	82.8	83.1	83.2	83.2	83.2
GE 900	70.0	77.6	80.1	81.0	82.4	82.7	82.8	83.3	83.3	83.5	83.7	83.9	84.1	84.3	84.3	84.3
GE 800	70.2	77.8	80.9	81.9	83.5	83.7	84.0	84.7	84.7	84.9	85.2	85.3	85.6	85.8	85.8	85.8
GE 700	71.0	79.0	82.4	83.5	85.2	85.5	86.2	87.0	87.0	87.2	87.5	87.6	87.9	88.0	88.0	88.0
GE 600	71.5	80.1	83.9	85.1	87.0	87.2	88.0	89.0	89.0	89.7	90.1	90.2	90.5	90.6	90.6	90.6
GE 500	71.9	80.9	85.1	86.7	89.2	89.5	90.3	91.3	91.3	92.5	92.9	93.0	93.4	93.5	93.7	93.7
GE 400	72.2	81.2	85.6	87.2	89.8	90.1	91.3	92.3	92.3	93.5	94.4	94.5	95.0	95.2	95.3	95.3
GE 300	72.2	81.2	85.8	87.4	90.1	90.3	91.9	93.1	93.1	94.8	96.0	96.1	96.8	96.9	97.0	97.0
GE 200	72.2	81.2	85.8	87.4	90.1	90.3	91.9	93.4	93.4	95.0	96.2	96.4	97.2	97.4	97.7	97.7
GE 100	72.2	81.2	85.8	87.4	90.1	90.3	91.9	93.4	93.4	95.2	96.6	96.8	97.6	97.8	98.8	99.2
GE 01	72.2	81.2	85.8	87.4	90.1	90.3	91.9	93.4	93.4	95.2	96.6	96.8	97.6	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 20000	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 18000	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 16000	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 14000	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 12000	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 10000	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 9000	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 8000	31.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 7000	33.7	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 6000	34.3	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 5000	36.4	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 4500	37.9	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 4000	40.7	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 3500	47.2	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 3000	50.7	52.6	52.6	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 2500	57.4	59.5	59.5	59.5	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 2000	61.4	64.8	65.1	65.2	65.6	65.6	65.7	66.1	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 1800	62.6	66.4	67.1	67.2	67.7	67.7	68.0	68.4	68.5	69.1	69.1	69.1	69.4	69.4	69.4	69.4
GE 1500	65.7	71.0	72.7	73.0	73.9	73.9	74.2	74.6	74.7	75.4	75.4	75.4	75.7	75.7	75.7	75.7
GE 1200	68.1	74.7	76.7	77.2	78.4	78.4	78.9	79.3	79.4	80.1	80.1	80.1	80.4	80.4	80.4	80.4
GE 1000	69.4	76.5	79.0	79.4	80.6	80.6	81.2	81.6	81.7	82.5	82.5	82.5	82.8	82.8	82.8	82.8
GE 900	69.6	77.3	80.1	80.5	81.7	81.7	82.3	82.7	82.8	83.6	83.9	83.9	84.1	84.1	84.1	84.1
GE 800	69.8	77.6	80.4	80.9	82.3	82.3	82.9	83.5	83.6	84.4	84.7	84.7	84.9	84.9	84.9	84.9
GE 700	70.3	78.2	81.0	81.9	83.9	83.9	84.5	85.5	85.6	86.8	87.2	87.2	87.5	87.5	87.5	87.5
GE 600	71.2	79.7	82.5	83.9	86.0	86.0	87.6	88.6	88.7	89.9	90.6	90.6	90.9	90.9	90.9	90.9
GE 500	71.5	80.1	83.1	84.8	87.8	87.8	89.4	90.6	90.7	92.1	92.7	92.7	93.1	93.1	93.7	93.7
GE 400	71.8	81.3	84.3	86.0	89.0	89.0	90.9	92.2	92.3	94.0	95.4	95.4	96.1	96.1	96.6	96.6
GE 300	71.8	81.3	84.3	86.0	89.1	89.1	91.0	92.3	92.5	94.4	95.8	95.8	97.0	97.0	97.6	97.6
GE 200	71.8	81.3	84.3	86.0	89.1	89.1	91.0	92.3	92.5	94.8	96.4	96.4	97.6	97.6	98.8	98.8
GE 100	71.8	81.3	84.3	86.0	89.1	89.1	91.0	92.3	92.5	94.8	96.5	96.5	97.7	97.7	99.1	99.5
GE 0	71.8	81.3	84.3	86.0	89.2	89.2	91.1	92.5	92.6	94.9	96.6	96.6	97.8	97.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	26.9	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	
GE 20000	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	
GE 18000	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	
GE 16000	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	
GE 14000	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	
GE 12000	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	
GE 10000	29.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	
GE 9000	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	
GE 8000	32.0	32.7	32.7	32.8	32.8	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	
GE 7000	34.1	34.9	35.1	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	
GE 6000	34.3	35.2	35.6	35.8	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	
GE 5000	37.6	38.7	39.2	39.4	39.4	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	
GE 4500	39.4	40.6	41.1	41.3	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	
GE 4000	41.4	43.0	43.5	43.7	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	
GE 3500	44.9	47.4	48.0	48.1	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	
GE 3000	48.4	51.3	52.0	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	
GE 2500	54.6	57.8	58.6	59.1	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	
GE 2000	59.5	64.0	64.8	65.3	65.7	65.7	66.0	66.1	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	
GE 1800	60.9	65.6	66.4	66.9	67.3	67.3	67.6	67.7	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	
GE 1500	64.8	70.3	71.8	72.6	73.1	73.1	73.7	73.8	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	
GE 1200	69.8	76.7	78.9	80.0	81.0	81.0	81.7	82.0	82.1	82.5	82.7	82.7	82.8	82.8	82.8	82.8	
GE 1000	70.7	78.0	80.2	81.3	82.4	82.4	83.1	83.5	83.6	84.0	84.4	84.4	84.5	84.5	84.5	84.5	
GE 900	71.1	78.6	81.0	82.1	83.3	83.3	84.3	84.7	84.8	85.3	85.9	85.9	86.2	86.2	86.2	86.2	
GE 800	71.8	79.6	82.4	83.5	85.2	85.2	86.4	87.2	87.4	87.9	88.6	88.6	89.0	89.0	89.1	89.1	
GE 700	72.2	80.2	83.3	84.4	86.2	86.2	87.4	88.2	88.3	89.2	90.5	90.5	90.9	90.9	91.0	91.0	
GE 600	72.6	81.0	84.1	85.5	87.4	87.6	89.8	90.6	90.7	91.7	93.0	93.0	93.4	93.4	93.5	93.5	
GE 500	72.6	81.2	84.4	86.0	88.7	89.0	91.1	91.9	92.1	93.0	94.5	94.5	94.9	94.9	95.2	95.2	
GE 400	73.0	81.7	85.1	86.7	89.4	89.7	91.9	92.7	92.9	94.4	96.1	96.1	96.6	96.6	97.0	97.2	
GE 300	73.0	81.7	85.1	86.7	89.4	89.7	91.9	92.7	92.9	94.6	96.5	96.5	97.3	97.3	97.7	98.0	
GE 200	73.0	81.7	85.1	86.7	89.4	89.7	91.9	92.7	92.9	94.6	96.6	96.6	97.4	97.4	98.1	98.4	
GE 100	73.0	81.7	85.1	86.7	89.4	89.7	91.9	92.7	92.9	94.6	96.6	96.6	97.7	97.7	98.7	99.5	
GE 0	73.0	81.7	85.1	86.7	89.4	89.7	91.9	92.7	92.9	94.6	96.6	96.6	97.7	97.7	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84

MONTH: SEP HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	17.1	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 20000	19.0	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 18000	19.2	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 16000	19.8	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 14000	19.9	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 12000	20.1	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 10000	20.6	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 9000	21.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 8000	23.9	24.6	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 7000	26.4	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 6000	27.6	28.5	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 5000	30.0	31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 4500	31.5	32.6	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 4000	34.8	36.1	36.4	36.4	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 3500	38.6	40.2	40.5	40.5	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 3000	41.5	43.5	43.8	43.9	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 2500	45.6	48.4	48.8	48.9	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 2000	50.7	54.4	54.9	55.1	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
GE 1800	52.8	56.8	57.4	57.6	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 1500	57.7	62.8	63.7	63.8	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 1200	63.3	69.2	70.4	70.6	71.3	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 1000	66.4	73.2	74.6	75.0	76.0	76.0	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
GE 900	68.1	75.5	77.2	77.7	78.8	78.8	79.3	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6
GE 800	69.3	77.3	79.2	79.8	81.0	81.1	81.7	81.9	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2
GE 700	70.0	78.6	80.6	81.3	82.8	82.8	83.5	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 600	71.3	81.1	83.4	84.3	86.0	86.1	86.8	87.1	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 500	72.0	82.5	85.2	86.4	88.6	88.6	89.5	89.8	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 400	72.9	84.2	87.4	88.7	91.5	91.6	92.7	93.4	93.4	93.8	94.2	94.2	94.2	94.3	94.3	94.3
GE 300	73.0	84.5	88.0	89.4	92.7	92.7	94.2	95.2	95.3	96.0	96.6	96.6	96.8	96.8	96.9	96.9
GE 200	73.0	84.6	88.2	89.6	93.0	93.1	94.6	95.8	95.9	96.9	97.8	97.8	98.2	98.2	98.6	98.6
GE 100	73.1	84.6	88.2	89.7	93.0	93.2	94.7	96.0	96.1	97.1	98.4	98.4	99.0	99.0	99.5	99.8
GE 0	73.1	84.6	88.2	89.7	93.0	93.2	94.7	96.0	96.1	97.1	98.4	98.4	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 5760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	18.9	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 20000	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 18000	21.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 16000	21.9	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 14000	21.9	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 12000	21.9	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 10000	22.4	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 9000	22.6	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 8000	25.7	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 7000	28.2	28.8	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 6000	29.6	30.3	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 5000	33.1	33.8	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 4500	33.8	34.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 4000	36.7	38.1	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 3500	39.7	42.1	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 3000	41.8	44.6	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 2500	44.7	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 2000	50.6	55.4	56.0	56.0	56.4	56.4	56.4	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 1800	52.6	57.9	58.5	58.5	59.2	59.2	59.2	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 1500	58.6	65.3	66.0	66.0	66.7	66.7	67.1	67.1	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 1200	63.8	71.1	72.1	72.2	72.9	72.9	73.3	73.3	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 1000	66.9	75.1	76.4	76.7	77.9	77.9	78.5	78.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 900	68.8	77.4	79.2	79.4	80.7	80.7	81.3	81.3	81.3	81.7	82.1	82.1	82.1	82.1	82.1	82.1
GE 800	69.4	78.9	81.0	81.4	82.6	82.6	83.3	83.3	83.3	83.8	84.2	84.2	84.2	84.2	84.2	84.2
GE 700	69.6	79.7	81.8	82.2	83.5	83.5	84.2	84.2	84.2	84.6	85.0	85.0	85.0	85.0	85.0	85.0
GE 600	70.7	82.5	84.7	85.4	86.8	86.8	87.9	87.9	87.9	88.3	88.8	88.8	88.8	88.8	88.8	88.8
GE 500	70.8	83.1	85.6	86.8	88.9	88.9	90.0	90.0	90.0	90.4	90.8	90.8	90.8	90.8	90.8	90.8
GE 400	72.1	84.7	87.5	89.0	91.5	91.5	93.1	93.5	93.5	94.2	94.9	94.9	94.9	94.9	94.9	94.9
GE 300	72.2	84.9	87.8	89.4	92.6	92.6	94.6	95.1	95.1	96.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 200	72.2	84.9	87.8	89.4	92.6	92.6	94.6	95.1	95.1	96.7	98.3	98.3	98.8	98.8	99.0	99.0
GE 100	72.2	84.9	87.8	89.4	92.6	92.6	94.6	95.1	95.1	96.7	98.9	98.9	99.3	99.4	99.7	99.9
GE 0	72.2	84.9	87.8	89.4	92.6	92.6	94.6	95.1	95.1	96.7	99.0	99.0	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 20000	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 18000	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
GE 16000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 14000	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
GE 12000	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
GE 10000	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
GE 9000	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 8000	23.9	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 7000	27.1	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 6000	28.3	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 5000	30.4	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 4500	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 4000	35.8	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 3500	39.9	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 3000	42.1	43.1	43.2	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 2500	45.8	46.9	47.1	47.2	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 2000	51.3	53.1	53.6	53.9	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 1800	53.2	55.0	55.6	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 1500	58.8	62.4	62.9	63.2	63.5	63.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 1200	65.3	69.2	69.9	70.1	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 1000	68.1	72.6	73.6	74.2	75.1	75.1	75.4	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8
GE 900	71.0	76.4	77.5	78.2	79.2	79.2	79.4	79.7	79.7	79.9	80.1	80.1	80.1	80.1	80.1
GE 800	71.8	78.1	79.4	80.1	81.3	81.3	81.7	81.9	81.9	82.2	82.5	82.5	82.5	82.5	82.5
GE 700	72.8	80.4	81.9	82.6	83.8	83.8	84.2	84.4	84.4	84.7	85.0	85.0	85.0	85.0	85.0
GE 600	73.6	82.4	84.2	85.1	86.5	86.5	87.2	87.5	87.5	87.9	88.2	88.2	88.2	88.2	88.2
GE 500	75.1	84.3	86.1	87.2	89.2	89.2	90.1	90.4	90.4	91.0	91.5	91.5	91.5	91.5	91.5
GE 400	76.3	85.8	88.1	89.6	91.5	91.5	93.3	93.8	93.8	94.4	95.1	95.1	95.1	95.1	95.1
GE 300	76.4	86.3	88.5	90.0	92.1	92.1	93.9	94.6	94.6	95.4	96.5	96.5	96.5	96.5	96.7
GE 200	76.4	86.4	88.6	90.1	92.4	92.4	94.4	95.3	95.3	96.5	97.9	97.9	97.9	97.9	98.5
GE 100	76.4	86.4	88.6	90.1	92.4	92.4	94.4	95.3	95.3	96.5	98.3	98.3	98.5	98.5	99.3
GE 0	76.4	86.4	88.6	90.1	92.4	92.4	94.4	95.3	95.3	96.5	98.3	98.3	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(IST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GI
NO CEIL	29.6	31.4	32.5	32.9	33.5	33.5	33.6	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33
GE 20000	30.5	32.8	33.9	34.3	34.9	34.9	35.0	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35
GE 18000	31.2	33.5	34.6	35.0	35.6	35.6	35.7	35.8	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36
GE 16000	31.4	33.6	34.7	35.1	35.7	35.7	35.8	36.0	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36
GE 14000	31.5	33.8	34.9	35.3	35.8	35.8	36.0	36.1	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36
GE 12000	31.9	34.2	35.3	35.7	36.3	36.3	36.4	36.5	36.5	36.5	36.7	36.7	36.7	36.7	36.7	36
GE 10000	32.1	34.3	35.4	35.8	36.4	36.4	36.5	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36
GE 9000	32.8	35.0	36.1	36.5	37.1	37.1	37.2	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37
GE 8000	34.9	37.1	38.2	38.6	39.2	39.2	39.3	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39
GE 7000	36.3	38.5	39.6	40.0	40.6	40.6	40.7	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41
GE 6000	37.8	40.0	41.1	41.6	42.1	42.1	42.3	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42
GE 5000	39.9	42.5	43.7	44.1	44.8	44.8	44.9	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45
GE 4500	42.0	45.0	46.2	46.6	47.4	47.4	47.6	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47
GE 4000	43.9	47.1	48.3	48.7	49.5	49.5	49.7	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50
GE 3500	47.0	50.3	51.6	52.4	53.3	53.3	53.4	53.7	53.7	53.7	53.8	53.8	54.0	54.0	54.1	54
GE 3000	49.2	53.0	54.3	55.2	56.1	56.1	56.2	56.5	56.5	56.5	56.6	56.6	56.9	56.9	57.0	57
GE 2500	52.2	56.8	58.4	59.6	60.5	60.5	60.7	60.9	60.9	61.1	61.4	61.4	61.6	61.6	61.8	61
GE 2000	55.8	61.2	63.3	64.6	66.0	66.0	66.2	66.7	66.7	67.4	67.6	67.6	68.1	68.1	68.2	68
GE 1800	56.8	62.6	64.9	66.4	68.5	68.5	68.8	69.2	69.2	70.0	70.3	70.3	70.7	70.7	70.9	70
GE 1500	57.7	64.3	66.5	68.3	70.7	70.7	71.0	71.5	71.5	72.4	72.7	72.7	73.1	73.1	73.2	73
GE 1200	61.5	68.6	71.0	72.9	75.7	75.7	76.7	77.3	77.3	78.2	78.5	78.5	79.5	79.5	79.8	79
GE 1000	62.8	70.3	72.7	74.6	78.0	78.1	79.4	79.9	79.9	81.0	81.5	81.5	82.4	82.4	82.8	83
GE 900	63.5	71.1	73.5	75.6	79.5	79.6	80.9	81.6	81.6	82.7	83.3	83.3	84.4	84.4	84.8	84
GE 800	63.7	71.8	74.9	77.1	81.3	81.5	82.7	83.7	83.7	84.8	85.5	85.5	86.6	86.6	87.0	87
GE 700	64.0	72.2	75.5	77.7	82.7	82.8	84.1	85.1	85.1	86.2	87.3	87.3	88.4	88.4	88.8	89
GE 600	64.4	72.9	76.4	78.8	84.4	84.5	85.8	86.9	86.9	88.0	89.5	89.7	91.5	91.5	91.9	92
GE 500	64.7	73.2	76.7	79.1	84.9	85.2	86.9	88.1	88.1	89.3	90.8	90.9	92.9	93.0	93.6	94
GE 400	64.7	73.2	76.8	79.2	85.1	85.4	87.0	88.3	88.4	89.5	91.8	91.9	93.9	94.1	94.7	95
GE 300	64.7	73.2	76.8	79.4	85.2	85.5	87.2	88.4	88.6	89.7	92.6	92.7	94.8	95.3	95.8	96
GE 200	64.7	73.2	76.8	79.4	85.2	85.5	87.2	88.4	88.6	89.7	92.7	93.0	95.7	96.1	96.7	97
GE 100	64.7	73.2	76.8	79.4	85.2	85.5	87.2	88.4	88.6	89.7	92.9	93.2	96.1	96.5	97.4	98
GE 0	64.7	73.2	76.8	79.4	85.2	85.5	87.3	88.6	88.7	89.8	93.2	93.4	96.4	96.8	97.6	100

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(EST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	G
NO CEIL	23.6	24.3	24.3	24.3	24.7	24.7	24.8	24.8	24.8	25.1	25.7	25.7	25.9	25.9	25.9	25
GE 20000	24.0	24.7	24.8	24.8	25.2	25.2	25.5	25.7	25.7	25.9	26.5	26.5	26.8	26.8	26.8	26
GE 18000	24.5	25.2	25.4	25.4	25.8	25.8	26.1	26.2	26.2	26.5	27.1	27.1	27.3	27.3	27.3	27
GE 16000	25.1	25.8	25.9	25.9	26.4	26.4	26.6	26.8	26.8	27.1	27.6	27.6	27.9	27.9	27.9	27
GE 14000	25.4	26.4	26.5	26.5	26.9	26.9	27.2	27.3	27.3	27.6	28.2	28.2	28.5	28.5	28.5	28
GE 12000	25.7	26.6	26.8	26.8	27.2	27.2	27.5	27.6	27.6	27.9	28.5	28.5	28.7	28.7	28.7	28
GE 10000	25.9	26.9	27.1	27.1	27.5	27.5	27.8	27.9	27.9	28.2	28.7	28.7	29.0	29.0	29.0	29
GE 9000	26.2	27.2	27.3	27.3	27.8	27.8	28.0	28.2	28.2	28.5	29.0	29.0	29.3	29.3	29.3	29
GE 8000	28.0	29.3	29.6	29.6	30.0	30.0	30.3	30.4	30.4	30.7	31.2	31.2	31.5	31.5	31.5	31
GE 7000	30.1	31.4	31.7	31.7	32.1	32.1	32.4	32.5	32.5	32.8	33.3	33.3	33.6	33.6	33.6	33
GE 6000	31.2	32.9	33.2	33.2	33.9	33.9	34.2	34.3	34.3	34.6	35.1	35.1	35.4	35.4	35.4	35
GE 5000	32.4	34.4	34.7	34.7	35.4	35.4	35.7	35.8	35.8	36.3	36.8	36.8	37.1	37.1	37.1	37
GE 4500	33.6	36.0	36.4	36.4	37.2	37.2	37.5	37.7	37.7	38.1	38.6	38.6	38.9	38.9	38.9	38
GE 4000	37.1	40.3	41.0	41.1	42.3	42.3	42.8	43.1	43.1	43.5	44.1	44.1	44.4	44.4	44.4	44
GE 3500	40.3	44.4	45.5	45.7	47.1	47.1	47.7	48.0	48.0	48.4	49.2	49.2	49.7	49.7	49.7	49
GE 3000	42.5	47.3	48.7	49.0	50.3	50.3	50.9	51.2	51.2	51.6	52.4	52.4	52.9	52.9	52.9	52
GE 2500	47.4	53.3	54.8	55.1	56.5	56.5	57.2	57.5	57.5	58.0	58.9	58.9	59.3	59.3	59.3	59
GE 2000	51.5	58.0	59.8	60.3	61.8	61.8	62.6	62.9	62.9	63.7	64.6	64.6	65.0	65.0	65.0	65
GE 1800	53.1	60.3	62.3	62.9	64.4	64.4	65.4	65.7	65.7	66.5	67.4	67.4	67.8	67.8	67.8	67
GE 1500	55.0	63.2	65.8	66.7	68.5	68.5	69.5	69.9	69.9	71.1	72.0	72.0	72.4	72.4	72.4	72
GE 1200	56.8	66.8	69.6	70.7	73.1	73.1	74.6	75.3	75.3	76.6	77.5	77.5	78.1	78.1	78.1	78
GE 1000	56.9	67.2	70.4	71.7	74.6	74.6	76.2	77.0	77.0	78.4	79.6	79.6	80.2	80.2	80.2	80
GE 900	57.5	68.5	71.7	73.1	76.3	76.3	78.0	79.2	79.2	80.8	82.0	82.0	82.6	82.6	82.6	82
GE 800	58.0	69.2	72.5	73.9	77.3	77.4	79.2	80.8	80.8	82.3	83.5	83.5	84.1	84.1	84.1	84
GE 700	58.2	69.3	72.9	74.3	78.0	78.1	79.9	81.5	81.5	83.0	84.4	84.4	84.9	84.9	84.9	85
GE 600	58.3	69.9	73.9	75.6	79.6	79.8	82.0	83.8	84.0	85.9	87.9	87.9	88.6	88.6	88.7	88
GE 500	58.6	70.2	75.0	76.8	81.0	81.2	84.0	85.8	85.9	88.0	90.0	90.0	90.7	90.7	90.8	90
GE 400	58.6	70.3	75.6	77.5	82.3	82.4	85.5	87.4	87.6	90.0	92.5	92.5	93.3	93.3	93.4	93
GE 300	58.6	70.3	75.6	77.5	82.3	82.4	85.5	87.7	87.9	90.4	93.7	93.7	94.8	94.8	95.3	95
GE 200	58.6	70.3	75.6	77.5	82.3	82.4	85.5	87.9	88.0	90.7	94.3	94.3	95.8	95.8	96.2	96
GE 100	58.6	70.3	75.6	77.5	82.3	82.4	85.5	87.9	88.0	90.7	94.6	94.6	96.4	96.4	96.9	97
GE 0	58.6	70.3	75.6	77.5	82.3	82.4	85.5	87.9	88.0	90.7	94.7	94.7	96.8	96.8	97.5	100

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	16.6	16.7	17.2	17.4	17.7	17.9	18.3	18.4	18.4	18.8	19.2	19.4	19.5	19.5	19.5
GE 20000	17.3	18.0	18.4	18.7	19.0	19.1	19.5	19.9	19.9	20.5	20.9	21.1	21.2	21.2	21.2
GE 18000	18.4	19.2	19.7	19.9	20.2	20.4	20.8	21.2	21.2	21.8	22.2	22.3	22.5	22.5	22.5
GE 16000	19.1	19.9	20.4	20.6	20.9	21.1	21.5	21.9	21.9	22.5	22.9	23.0	23.2	23.2	23.2
GE 14000	19.4	20.2	20.6	20.9	21.2	21.3	21.8	22.2	22.2	22.7	23.2	23.3	23.4	23.4	23.4
GE 12000	19.9	20.8	21.2	21.5	21.8	21.9	22.3	22.7	22.7	23.3	23.7	23.8	24.0	24.0	24.0
GE 10000	20.5	21.5	21.9	22.2	22.6	22.7	23.2	23.6	23.6	24.1	24.5	24.7	24.8	24.8	24.8
GE 9000	20.5	21.6	22.0	22.3	22.7	22.9	23.3	23.7	23.7	24.3	24.7	24.8	25.0	25.0	25.0
GE 8000	23.0	24.5	25.0	25.2	25.7	25.8	26.2	26.6	26.6	27.2	27.6	27.8	27.9	27.9	27.9
GE 7000	25.2	26.8	27.2	27.6	28.0	28.2	28.6	29.0	29.0	29.6	30.0	30.1	30.3	30.3	30.3
GE 6000	26.8	29.0	29.4	29.8	30.3	30.4	30.8	31.2	31.2	31.8	32.2	32.4	32.5	32.5	32.5
GE 5000	28.2	30.8	31.2	31.7	32.1	32.2	32.6	33.1	33.1	33.8	34.2	34.3	34.4	34.4	34.4
GE 4500	29.1	32.4	32.8	33.2	33.6	33.8	34.2	34.6	34.6	35.3	35.7	35.8	36.0	36.0	36.0
GE 4000	32.1	35.8	36.4	36.8	37.4	37.5	38.1	38.5	38.5	39.3	39.7	39.9	40.0	40.0	40.0
GE 3500	36.5	41.6	42.7	43.1	44.2	44.4	45.0	45.5	45.5	46.3	46.7	46.9	47.0	47.0	47.0
GE 3000	37.9	43.8	44.9	45.6	46.7	46.9	47.7	48.1	48.1	49.0	49.4	49.5	49.7	49.7	49.7
GE 2500	43.0	49.5	50.9	51.6	53.1	53.3	54.4	54.8	54.8	55.8	56.2	56.3	56.5	56.5	56.5
GE 2000	47.4	54.7	56.3	57.6	59.3	59.4	60.7	61.1	61.1	62.5	63.0	63.2	63.3	63.3	63.3
GE 1800	48.1	55.6	57.9	59.6	61.4	61.5	62.9	63.3	63.3	64.7	65.3	65.4	65.6	65.6	65.6
GE 1500	49.9	58.9	61.5	63.5	66.0	66.1	67.8	68.2	68.2	69.6	70.4	70.6	70.7	70.7	70.7
GE 1200	51.3	61.1	64.6	66.9	71.3	71.4	73.5	74.1	74.1	75.7	76.6	76.7	76.8	76.8	76.8
GE 1000	52.4	63.0	66.8	69.3	74.1	74.2	76.6	77.3	77.3	79.2	80.2	80.3	80.5	80.5	80.5
GE 900	53.0	63.9	67.8	70.4	75.2	75.3	77.8	78.8	78.8	80.8	81.9	82.0	82.1	82.1	82.1
GE 800	53.3	64.4	68.6	71.4	76.3	76.4	78.9	80.1	80.1	82.0	83.1	83.3	83.4	83.4	83.4
GE 700	53.8	65.4	69.7	72.7	77.8	78.0	80.6	81.7	81.7	83.7	84.9	85.1	85.2	85.2	85.2
GE 600	54.0	66.4	70.9	73.9	79.9	80.1	83.0	84.5	84.5	87.0	88.4	88.6	88.7	88.7	88.7
GE 500	54.0	66.8	71.5	74.8	80.9	81.0	84.2	85.9	85.9	88.6	90.1	90.2	90.4	90.5	90.5
GE 400	54.0	66.9	72.0	75.3	81.7	81.9	85.1	86.9	87.0	90.0	91.5	91.6	91.9	92.1	92.5
GE 300	54.0	66.9	72.0	75.3	82.0	82.1	85.4	87.2	87.3	90.4	91.9	92.1	92.7	92.9	93.6
GE 200	54.0	66.9	72.1	75.5	82.1	82.3	85.5	87.3	87.4	90.7	92.6	92.7	93.9	94.0	95.7
GE 100	54.0	66.9	72.1	75.5	82.1	82.3	85.5	87.6	87.7	90.9	93.2	93.3	94.4	94.7	96.8
GE 0	54.0	66.9	72.1	75.5	82.1	82.3	85.5	87.6	87.7	90.9	93.3	93.4	94.8	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	17.0	18.4	18.4	18.6	19.0	19.0	19.0	19.0	19.0	19.0	19.4	19.4	19.4	19.4	19.4	19.4
GE 20000	17.9	19.4	19.4	19.6	20.0	20.0	20.0	20.0	20.0	20.0	20.7	20.8	20.8	20.9	20.9	20.9
GE 18000	18.7	20.3	20.3	20.4	20.8	20.8	20.8	20.8	20.8	20.8	21.5	21.6	21.6	21.8	21.8	21.8
GE 16000	19.3	20.8	20.8	21.1	21.6	21.6	21.6	21.6	21.6	21.6	22.3	22.5	22.5	22.6	22.6	22.6
GE 14000	19.4	20.9	21.1	21.4	21.9	21.9	21.9	21.9	21.9	21.9	22.6	22.8	22.8	22.9	22.9	22.9
GE 12000	20.0	21.5	21.6	21.9	22.5	22.5	22.5	22.5	22.5	22.5	23.2	23.3	23.3	23.5	23.5	23.5
GE 10000	20.1	22.3	22.5	22.8	23.3	23.3	23.3	23.3	23.3	23.3	24.0	24.2	24.2	24.3	24.3	24.3
GE 9000	20.1	22.3	22.5	22.8	23.3	23.3	23.3	23.3	23.3	23.3	24.0	24.2	24.2	24.3	24.3	24.3
GE 8000	21.6	24.4	24.6	24.9	25.7	25.7	25.7	25.7	25.7	25.7	26.4	26.5	26.5	26.7	26.7	26.7
GE 7000	23.6	27.0	27.1	27.5	28.4	28.4	28.4	28.5	28.5	28.5	29.3	29.5	29.5	29.6	29.6	29.6
GE 6000	24.3	27.8	27.9	28.4	29.2	29.2	29.2	29.3	29.3	29.3	30.2	30.3	30.3	30.4	30.4	30.4
GE 5000	25.1	29.2	29.3	29.7	30.6	30.6	30.7	30.7	30.7	30.7	31.7	31.8	31.8	32.0	32.0	32.0
GE 4500	26.4	30.7	30.9	31.3	32.1	32.1	32.3	32.3	32.3	32.3	33.2	33.4	33.4	33.5	33.5	33.5
GE 4000	30.2	35.2	35.3	35.9	36.9	36.9	37.2	37.3	37.3	37.3	38.3	38.4	38.4	38.5	38.5	38.5
GE 3500	33.0	38.3	38.7	39.2	40.8	40.8	41.5	42.0	42.0	42.0	43.2	43.4	43.4	43.6	43.6	43.6
GE 3000	35.9	41.9	42.6	43.2	44.8	44.8	45.5	46.1	46.1	46.1	47.2	47.8	47.8	47.9	47.9	47.9
GE 2500	39.1	46.2	46.9	47.5	49.2	49.2	50.0	50.6	50.6	50.6	52.1	52.8	52.8	52.9	52.9	52.9
GE 2000	43.7	52.0	52.9	53.8	55.7	55.7	56.6	57.1	57.1	57.1	58.7	59.4	59.4	59.5	59.5	59.5
GE 1800	44.3	52.8	53.8	54.7	57.0	57.0	58.0	58.5	58.5	58.5	60.2	60.9	60.9	61.0	61.0	61.0
GE 1500	46.1	56.0	57.0	58.8	61.2	61.3	62.4	63.1	63.1	63.1	64.8	65.5	65.5	65.6	65.6	65.6
GE 1200	48.3	59.2	61.2	63.4	65.9	66.3	67.5	68.4	68.4	68.4	70.7	71.6	71.6	71.8	71.8	71.8
GE 1000	48.7	60.5	62.6	65.1	68.3	68.7	69.8	71.1	71.2	71.2	73.5	74.4	74.4	74.7	74.7	74.7
GE 900	48.9	60.8	62.8	65.4	68.9	69.3	70.5	71.9	72.1	72.1	74.3	75.3	75.4	75.7	75.7	75.7
GE 800	49.6	61.9	64.1	66.6	70.1	70.5	72.1	73.6	73.7	73.7	76.0	77.0	77.4	77.7	77.7	77.7
GE 700	50.1	63.1	65.6	68.2	71.9	72.3	74.0	75.6	75.7	75.7	78.1	79.1	79.5	79.7	79.7	79.7
GE 600	50.3	64.7	67.9	70.5	75.4	75.8	78.2	80.0	80.3	80.3	83.0	84.1	84.5	84.9	84.9	84.9
GE 500	50.4	65.1	68.3	70.9	76.1	76.5	78.9	80.9	81.1	81.1	84.2	85.3	85.8	86.5	86.5	86.5
GE 400	50.4	65.2	68.9	71.5	76.8	77.2	80.0	83.1	83.5	83.5	86.9	89.0	89.4	90.1	90.1	90.2
GE 300	50.4	65.2	68.9	71.6	77.2	77.7	80.4	83.5	83.9	83.9	87.3	90.2	90.8	92.0	92.0	92.2
GE 200	50.4	65.2	68.9	71.6	77.4	77.8	80.6	83.7	84.1	84.1	87.6	91.3	91.9	93.3	93.4	94.4
GE 100	50.4	65.2	68.9	71.6	77.5	77.9	80.7	83.8	84.2	84.2	87.7	92.2	92.7	94.1	94.3	95.4
GE 0	50.4	65.2	68.9	71.6	77.5	77.9	80.7	83.8	84.2	84.2	87.7	92.2	92.7	94.6	94.8	96.4

TOTAL NUMBER OF OBSERVATIONS: 716

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GF 0
NO CEIL	19.7	20.2	20.3	20.3	20.6	20.6	20.6	20.6	20.6	21.1	21.1	21.1	21.3	21.3	21.3	21.3
GE 20000	21.0	21.4	21.6	21.6	21.8	21.8	21.8	21.8	21.8	22.4	22.4	22.4	22.5	22.5	22.5	22.5
GE 18000	21.7	22.4	22.5	22.5	22.8	22.8	22.8	22.8	22.8	23.4	23.4	23.4	23.5	23.5	23.5	23.5
GE 16000	22.3	23.1	23.2	23.2	23.5	23.5	23.5	23.5	23.5	24.1	24.1	24.1	24.2	24.2	24.2	24.2
GE 14000	22.4	23.2	23.4	23.4	23.7	23.7	23.7	23.7	23.7	24.2	24.2	24.2	24.2	24.4	24.4	24.4
GE 12000	22.8	23.7	23.8	23.8	24.1	24.1	24.1	24.1	24.1	24.6	24.6	24.6	24.8	24.8	24.8	24.8
GE 10000	23.2	24.1	24.2	24.2	24.5	24.5	24.5	24.5	24.5	25.1	25.1	25.1	25.2	25.2	25.2	25.2
GE 9000	23.4	24.6	24.8	24.8	25.1	25.1	25.1	25.1	25.1	25.6	25.6	25.6	25.8	25.8	25.8	25.8
GE 8000	24.4	26.1	26.2	26.2	26.5	26.5	26.5	26.5	26.5	27.0	27.0	27.0	27.2	27.2	27.2	27.2
GE 7000	26.5	29.3	29.4	29.4	29.7	29.7	29.7	29.7	29.7	30.3	30.3	30.3	30.4	30.4	30.4	30.4
GE 6000	27.0	30.1	30.3	30.3	30.5	30.5	30.5	30.5	30.5	31.1	31.1	31.1	31.2	31.2	31.2	31.2
GE 5000	28.6	31.8	31.9	31.9	32.2	32.2	32.2	32.2	32.2	32.8	32.8	32.8	32.9	32.9	32.9	32.9
GE 4500	30.5	34.0	34.2	34.2	34.5	34.5	34.5	34.5	34.5	35.0	35.0	35.0	35.2	35.2	35.2	35.2
GE 4000	34.6	38.2	38.4	38.4	38.7	38.7	38.7	38.7	38.7	39.4	39.4	39.4	39.5	39.5	39.5	39.5
GE 3500	36.8	42.0	42.4	42.4	42.7	42.7	43.4	43.6	43.6	44.3	44.5	44.5	44.7	44.7	44.7	44.7
GE 3000	38.0	44.1	44.5	44.7	45.0	45.0	45.7	45.8	45.8	46.5	46.9	47.1	47.2	47.2	47.2	47.2
GE 2500	41.7	48.3	48.7	48.9	49.7	49.7	50.4	50.6	50.6	51.7	52.1	52.2	52.4	52.4	52.4	52.4
GE 2000	47.3	55.7	56.6	56.9	58.0	58.0	59.0	59.1	59.1	60.2	60.6	60.8	60.9	60.9	60.9	60.9
GE 1800	48.5	57.0	58.0	58.3	59.4	59.4	60.4	60.5	60.5	61.6	62.0	62.2	62.3	62.3	62.3	62.3
GE 1500	50.1	60.1	61.3	61.8	64.0	64.0	65.3	65.4	65.4	66.5	66.9	67.1	67.2	67.2	67.2	67.2
GE 1200	52.1	63.0	65.1	66.2	69.2	69.2	70.4	70.6	70.6	71.7	72.3	72.4	72.5	72.5	72.5	72.5
GE 1000	53.1	64.7	66.9	68.1	71.7	71.7	73.1	73.4	73.4	74.8	75.6	75.8	75.9	75.9	75.9	75.9
GE 900	53.1	65.0	67.9	69.2	73.2	73.2	74.6	74.9	74.9	76.5	77.3	77.5	77.6	77.6	77.6	77.6
GE 800	53.6	66.2	69.5	70.7	75.1	75.1	76.6	77.0	77.0	78.7	79.8	80.0	80.1	80.1	80.1	80.1
GE 700	53.6	66.2	69.5	70.9	75.6	75.6	77.3	77.7	77.7	79.4	80.5	80.7	80.8	80.8	80.8	80.8
GE 600	54.2	67.6	71.3	73.1	78.3	78.3	80.3	80.8	81.2	83.3	84.5	84.6	84.7	84.7	84.7	84.7
GE 500	54.2	67.8	71.6	73.5	78.7	78.7	81.0	81.5	81.9	84.6	85.7	86.0	86.6	86.6	86.7	86.7
GE 400	54.3	68.1	72.0	74.1	79.7	79.7	82.1	82.8	83.3	86.3	88.4	88.7	89.5	89.6	89.9	89.9
GE 300	54.3	68.6	73.0	75.1	80.8	80.8	83.2	83.9	84.5	87.4	90.2	90.8	92.7	93.0	93.6	93.6
GE 200	54.3	68.6	73.0	75.1	80.8	81.0	83.5	84.2	84.9	87.8	90.6	91.2	93.4	93.8	95.1	95.2
GE 100	54.3	68.6	73.0	75.1	80.8	81.0	83.5	84.2	84.9	87.8	90.8	91.3	93.6	94.0	95.9	96.6
GE 0	54.3	68.6	73.0	75.1	80.8	81.0	83.5	84.2	84.9	87.8	90.9	91.5	93.7	94.1	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.8	27.5	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.9	27.9	28.0	28.0	28.0	28.0
GE 20000	28.2	29.0	29.1	29.1	29.3	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.6	29.6	29.6	29.6
GE 18000	28.7	29.6	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	30.0	30.0	30.1	30.1	30.1	30.1
GE 16000	29.1	30.0	30.1	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.4	30.4	30.5	30.5	30.7	30.7
GE 14000	29.3	30.1	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.5	30.5	30.7	30.7	30.8	30.8
GE 12000	29.7	30.5	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0	31.1	31.1	31.2	31.2
GE 10000	30.5	31.4	31.5	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.9	31.9	32.1	32.1
GE 9000	30.7	31.5	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.9	31.9	32.1	32.1	32.2	32.2
GE 8000	31.4	32.2	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.8	32.8	32.9	32.9	33.1	33.1
GE 7000	32.6	34.0	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.6	34.6	34.7	34.7	34.9	34.9
GE 6000	33.2	34.6	34.7	34.7	34.9	34.9	34.9	34.9	34.9	34.9	35.2	35.2	35.3	35.3	35.4	35.4
GE 5000	35.3	36.7	36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.4	37.4	37.5	37.5	37.7	37.7
GE 4500	37.5	39.1	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.9	39.9	40.1	40.1	40.2	40.2
GE 4000	41.0	43.1	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	44.0	44.0	44.1	44.1	44.3	44.3
GE 3500	44.1	46.8	47.3	47.3	48.0	48.0	48.5	48.5	48.5	48.5	48.7	48.7	48.9	48.9	49.0	49.0
GE 3000	46.4	49.3	49.9	50.0	51.0	51.0	51.5	51.5	51.5	51.5	51.8	51.8	52.0	52.0	52.1	52.1
GE 2500	50.4	54.2	54.8	54.9	55.9	55.9	56.4	56.4	56.4	56.9	57.1	57.1	57.3	57.3	57.4	57.4
GE 2000	53.5	59.0	59.5	59.9	61.6	61.6	62.6	62.6	62.6	63.0	63.3	63.3	63.4	63.4	63.6	63.6
GE 1800	54.8	60.5	61.3	61.9	63.9	63.9	65.0	65.0	65.0	65.4	65.7	65.7	65.8	65.8	66.0	66.0
GE 1500	56.3	62.2	63.3	64.3	66.8	66.8	68.8	68.8	68.8	69.2	69.6	69.7	69.9	69.9	70.0	70.0
GE 1200	58.7	65.5	67.8	68.8	72.1	72.3	74.4	74.4	74.4	74.8	75.2	75.4	75.6	75.6	75.8	75.8
GE 1000	59.8	67.2	69.7	70.7	74.6	74.8	77.0	77.0	77.0	77.5	78.0	78.3	78.6	78.6	78.7	78.7
GE 900	60.6	68.2	71.1	72.3	76.5	76.6	79.0	79.0	79.0	79.4	80.0	80.3	80.5	80.5	80.7	80.7
GE 800	61.2	69.2	72.5	73.8	78.6	78.7	81.2	81.5	81.5	81.9	82.6	82.9	83.2	83.2	83.3	83.3
GE 700	61.2	69.2	73.0	74.4	79.4	79.6	82.8	83.3	83.3	83.9	84.7	85.2	85.4	85.4	85.7	85.7
GE 600	61.6	70.0	73.8	75.5	80.8	81.0	84.6	85.2	85.4	86.8	87.8	88.2	88.7	88.7	88.9	88.9
GE 500	61.6	70.0	73.9	75.8	81.4	81.5	85.4	86.0	86.4	87.8	88.8	89.2	89.8	89.8	90.1	90.1
GE 400	62.0	70.4	74.4	76.5	82.2	82.5	86.8	87.4	87.8	89.4	91.5	91.9	92.4	92.4	92.7	92.7
GE 300	62.2	70.6	74.5	76.6	82.5	82.8	87.3	88.0	88.4	90.1	93.0	93.4	94.5	94.8	95.5	95.5
GE 200	62.2	70.6	74.5	76.6	82.5	82.8	87.3	88.0	88.4	90.1	93.4	93.8	95.1	95.7	96.9	97.1
GE 100	62.2	70.6	74.5	76.6	82.5	82.8	87.3	88.0	88.4	90.1	93.4	93.8	95.1	95.7	96.9	98.0
GE 0	62.2	70.6	74.5	76.6	82.5	82.8	87.3	88.0	88.4	90.1	93.6	94.0	95.2	95.9	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	23.8	24.6	24.8	25.0	25.3	25.3	25.5	25.5	25.5	25.7	25.9	25.9	26.0	26.0	26.0
GE 20000	24.8	25.8	26.1	26.2	26.5	26.5	26.7	26.8	26.8	27.1	27.3	27.3	27.4	27.4	27.4
GE 18000	25.5	26.6	26.6	27.0	27.3	27.3	27.5	27.6	27.6	27.9	28.0	28.1	28.2	28.2	28.2
GE 16000	25.9	27.0	27.3	27.4	27.8	27.8	28.0	28.1	28.1	28.3	28.5	28.5	28.6	28.6	28.6
GE 14000	26.1	27.2	27.5	27.6	28.0	28.0	28.2	28.3	28.3	28.5	28.7	28.7	28.8	28.8	28.9
GE 12000	26.5	27.7	28.0	28.2	28.5	28.5	28.7	28.8	28.8	29.0	29.2	29.2	29.3	29.3	29.4
GE 10000	26.9	28.3	28.5	28.7	29.1	29.1	29.3	29.3	29.3	29.6	29.8	29.8	29.9	29.9	29.9
GE 9000	27.1	28.5	28.8	28.9	29.3	29.3	29.5	29.6	29.6	29.8	30.0	30.0	30.1	30.1	30.2
GE 8000	28.6	30.2	30.5	30.7	31.1	31.1	31.3	31.4	31.4	31.6	31.8	31.9	32.0	32.0	32.0
GE 7000	30.4	32.3	32.6	32.9	33.2	33.3	33.4	33.5	33.5	33.8	34.0	34.0	34.1	34.1	34.2
GE 6000	31.4	33.6	33.9	34.1	34.5	34.5	34.7	34.8	34.8	35.1	35.3	35.3	35.4	35.4	35.4
GE 5000	33.1	35.6	35.9	36.1	36.6	36.7	36.8	36.9	36.9	37.3	37.5	37.5	37.6	37.6	37.6
GE 4500	35.0	37.8	38.2	38.4	38.9	38.9	39.1	39.2	39.2	39.6	39.7	39.8	39.9	39.9	39.9
GE 4000	38.4	41.6	42.1	42.3	42.9	42.9	43.2	43.4	43.4	43.7	43.9	44.0	44.1	44.1	44.1
GE 3500	41.8	45.6	46.4	46.8	47.6	47.6	48.1	48.3	48.3	48.7	49.0	49.0	49.2	49.2	49.2
GE 3000	43.5	47.9	48.9	49.3	50.2	50.2	50.8	51.0	51.0	51.4	51.7	51.8	51.9	51.9	52.0
GE 2500	47.3	52.6	53.7	54.2	55.3	55.3	55.9	56.2	56.2	56.9	57.3	57.3	57.4	57.4	57.5
GE 2000	51.7	58.2	59.6	60.3	61.8	61.9	62.8	63.0	63.0	63.9	64.3	64.3	64.5	64.5	64.5
GE 1800	52.7	59.7	61.3	62.1	63.9	64.0	64.9	65.2	65.2	66.1	66.5	66.5	66.7	66.7	66.8
GE 1500	54.3	62.4	64.2	65.4	67.8	67.8	69.0	69.3	69.3	70.3	70.7	70.8	71.0	71.0	71.0
GE 1200	56.8	66.1	68.5	70.0	73.1	73.2	74.7	75.1	75.2	76.3	76.9	77.0	77.3	77.3	77.4
GE 1000	57.7	67.4	70.0	71.6	75.2	75.3	77.0	77.5	77.6	78.8	79.6	79.6	80.0	80.0	80.1
GE 900	58.1	68.1	70.9	72.6	76.5	76.6	78.3	79.0	79.1	80.4	81.2	81.3	81.7	81.7	81.8
GE 800	58.6	69.0	72.0	73.9	78.0	78.1	79.9	80.8	80.8	82.2	83.1	83.2	83.6	83.6	83.7
GE 700	58.9	69.5	72.8	74.7	79.1	79.2	81.2	82.2	82.2	83.6	84.6	84.8	85.2	85.2	85.4
GE 600	59.3	70.4	74.1	76.1	81.1	81.3	83.6	84.8	85.0	86.7	88.0	88.1	88.7	88.7	89.0
GE 500	59.4	70.8	74.6	76.7	81.9	82.1	84.7	86.0	86.2	88.1	89.4	89.6	90.3	90.3	90.7
GE 400	59.5	71.0	75.0	77.2	82.6	82.8	85.6	87.1	87.3	89.5	91.6	91.8	92.6	92.7	93.1
GE 300	59.5	71.1	75.1	77.4	82.9	83.1	85.9	87.5	87.7	89.9	92.7	92.9	94.1	94.3	94.9
GE 200	59.5	71.1	75.1	77.4	83.0	83.2	86.0	87.6	87.8	90.1	93.1	93.4	94.9	95.1	96.2
GE 100	59.5	71.1	75.1	77.4	83.0	83.2	86.0	87.6	87.9	90.2	93.3	93.6	95.2	95.5	96.8
GE 0	59.5	71.1	75.1	77.4	83.0	83.2	86.0	87.6	87.9	90.2	93.5	93.8	95.4	95.8	97.2

TOTAL NUMBER OF OBSERVATIONS: 5729

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	37.0	37.8	38.2	38.4	39.3	39.3	39.3	39.3	39.3	39.3	39.8	40.7	40.7	40.7	40.7	41.0
GE 20000	37.2	37.9	38.4	38.4	39.5	39.5	39.5	39.5	39.5	39.9	40.9	40.9	40.9	40.9	40.9	41.2
GE 18000	37.6	38.6	39.0	39.0	40.1	40.1	40.1	40.1	40.1	40.6	41.5	41.5	41.5	41.5	41.5	41.8
GE 16000	38.2	39.2	39.6	39.6	40.9	40.9	40.9	40.9	40.9	41.3	42.4	42.4	42.4	42.4	42.4	42.7
GE 14000	38.2	39.2	39.6	39.6	40.9	40.9	40.9	40.9	40.9	41.3	42.4	42.4	42.4	42.4	42.4	42.7
GE 12000	38.7	39.6	40.1	40.2	41.3	41.3	41.3	41.3	41.3	41.3	41.8	42.9	42.9	42.9	42.9	43.2
GE 10000	39.6	40.6	41.0	41.2	42.2	42.2	42.2	42.2	42.2	42.7	43.8	43.8	43.8	43.8	43.8	44.1
GE 9000	39.6	40.6	41.0	41.2	42.2	42.2	42.2	42.4	42.4	42.9	43.9	43.9	43.9	43.9	43.9	44.2
GE 8000	42.5	43.5	43.9	44.1	45.2	45.2	45.3	45.3	45.3	45.8	47.0	47.0	47.0	47.0	47.0	47.3
GE 7000	43.3	44.4	44.9	45.0	46.1	46.1	46.4	46.4	46.4	46.9	48.8	48.8	48.8	48.8	48.8	49.3
GE 6000	43.5	44.5	45.0	45.2	46.2	46.2	46.5	46.5	46.5	47.0	49.0	49.0	49.0	49.0	49.0	49.5
GE 5000	44.9	45.9	46.4	46.5	48.1	48.1	48.4	48.4	48.4	48.8	50.8	50.8	50.8	50.8	50.8	51.3
GE 4500	45.9	47.0	47.5	47.6	49.2	49.2	49.5	49.5	49.5	49.9	51.9	51.9	51.9	51.9	51.9	52.4
GE 4000	47.6	49.8	50.4	50.5	52.1	52.1	52.4	52.4	52.4	52.8	54.8	54.8	54.8	54.8	54.8	55.3
GE 3500	48.5	51.3	52.4	52.5	54.1	54.1	54.4	54.4	54.4	54.8	56.8	56.8	56.8	56.8	56.8	57.3
GE 3000	49.3	52.2	53.3	53.5	55.5	55.5	55.8	55.8	55.8	56.2	58.4	58.4	58.4	58.4	58.4	59.1
GE 2500	49.9	53.5	55.0	55.3	57.5	57.5	57.8	57.9	57.9	58.4	60.5	60.5	60.5	60.8	60.8	61.3
GE 2000	52.1	56.5	58.8	59.4	61.8	61.8	62.5	62.7	62.7	63.1	65.6	65.6	65.6	66.1	66.1	66.5
GE 1800	52.5	57.5	59.9	60.7	63.1	63.1	64.1	64.2	64.2	64.7	67.1	67.1	67.1	67.6	67.6	68.0
GE 1500	52.8	57.9	60.7	61.4	64.5	64.5	65.4	65.7	65.7	66.2	68.7	68.7	68.7	69.1	69.1	69.6
GE 1200	53.8	59.8	63.6	65.1	69.6	69.7	71.0	71.7	71.7	72.2	74.7	74.7	74.7	75.1	75.1	75.6
GE 1000	54.5	60.5	64.7	66.5	71.6	71.7	73.0	73.7	73.7	74.2	76.7	76.7	76.7	77.1	77.1	77.6
GE 900	54.8	61.0	65.1	67.0	72.2	72.4	73.6	74.7	74.7	75.1	77.9	77.9	77.9	78.3	78.3	78.8
GE 800	55.0	61.6	65.7	67.7	73.9	74.0	76.0	77.3	77.3	77.7	80.8	80.8	80.8	81.4	81.4	82.0
GE 700	55.0	61.8	66.1	68.2	74.7	74.8	76.8	78.0	78.0	78.5	81.9	81.9	81.9	82.5	82.5	83.1
GE 600	55.0	61.9	66.2	68.5	75.0	75.1	77.1	78.3	78.3	79.0	82.3	82.3	82.3	82.9	82.9	83.6
GE 500	55.1	62.1	66.4	68.7	75.1	75.3	77.6	79.0	79.0	80.2	83.7	83.7	83.7	84.2	84.2	84.9
GE 400	55.1	62.2	66.5	69.1	76.3	76.5	78.8	80.5	80.5	81.7	86.0	86.0	86.0	86.6	86.6	87.3
GE 300	55.1	62.2	66.5	69.1	76.5	76.7	79.0	80.6	80.6	82.0	86.5	86.5	86.5	87.1	87.1	87.7
GE 200	55.1	62.2	66.5	69.3	76.7	76.8	79.1	80.8	80.8	82.2	86.6	86.6	86.6	87.4	87.4	88.1
GE 100	55.1	62.2	66.5	69.3	76.7	76.8	79.1	80.8	80.8	82.2	86.8	86.8	86.8	87.6	87.6	88.3
GE 0	55.1	62.2	66.5	69.3	76.7	76.8	79.1	80.8	80.8	82.2	86.9	86.9	86.9	87.7	87.7	88.5

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS(151): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	35.8	36.7	37.6	37.6	39.0	39.0	39.0	39.0	39.2	39.3	40.1	40.1	40.6	40.6	40.6	42.4		
GE 20000	36.3	37.2	38.1	38.1	39.5	39.5	39.5	39.5	39.6	39.8	40.6	40.6	41.0	41.0	41.0	42.9		
GE 18000	36.3	37.2	38.1	38.1	39.8	39.8	39.8	39.8	39.9	40.1	41.0	41.0	41.5	41.5	41.5	43.3		
GE 16000	36.3	37.2	38.1	38.1	39.9	39.9	39.9	39.9	40.1	40.2	41.2	41.2	41.6	41.6	41.6	43.5		
GE 14000	36.3	37.2	38.1	38.1	39.9	39.9	39.9	39.9	40.1	40.2	41.2	41.2	41.6	41.6	41.6	43.5		
GE 12000	36.3	37.2	38.1	38.1	39.9	39.9	39.9	39.9	40.1	40.2	41.2	41.2	41.6	41.6	41.6	43.5		
GE 10000	36.6	37.5	38.4	38.4	40.2	40.2	40.2	40.2	40.4	40.6	41.5	41.5	41.9	41.9	41.9	43.8		
GE 9000	37.0	37.9	38.9	38.9	40.7	40.7	40.7	40.7	40.9	41.0	41.9	41.9	42.4	42.4	42.4	44.2		
GE 8000	38.7	39.8	41.0	41.0	42.9	42.9	42.9	42.9	43.0	43.2	44.1	44.1	44.5	44.5	44.5	46.4		
GE 7000	40.1	41.2	42.4	42.4	44.2	44.2	44.2	44.2	44.4	44.5	45.9	45.9	46.5	46.5	46.5	48.8		
GE 6000	40.6	41.6	42.9	42.9	44.7	44.7	44.7	44.7	44.9	45.0	46.4	46.4	47.0	47.0	47.5	49.3		
GE 5000	42.5	43.6	44.9	44.9	47.2	47.2	47.2	47.2	47.3	47.5	48.8	48.8	49.5	49.5	49.9	51.8		
GE 4500	43.2	44.2	45.6	45.6	47.9	47.9	47.9	47.9	48.1	48.2	49.6	49.6	50.2	50.2	50.7	52.5		
GE 4000	44.2	45.5	46.9	47.0	49.3	49.3	49.3	49.3	49.5	49.6	51.0	51.0	51.6	51.6	52.1	53.9		
GE 3500	45.6	47.2	48.8	49.0	51.3	51.3	51.5	51.5	51.6	51.8	53.1	53.1	53.8	53.8	54.2	56.1		
GE 3000	46.9	48.4	50.1	50.2	53.1	53.1	53.3	53.3	53.5	53.6	55.3	55.3	55.9	55.9	56.4	58.2		
GE 2500	49.3	51.6	54.1	54.4	57.3	57.3	57.5	57.5	57.6	57.8	59.4	59.4	60.1	60.1	60.7	62.5		
GE 2000	51.6	54.7	57.5	58.1	61.3	61.3	62.7	62.7	62.8	63.0	64.7	64.7	65.3	65.3	65.9	67.7		
GE 1800	51.8	55.5	58.4	59.1	62.5	62.8	64.2	64.2	64.4	64.5	66.2	66.2	66.8	66.8	67.4	69.3		
GE 1500	52.1	56.4	59.6	60.8	64.5	64.8	66.4	66.4	66.5	66.7	68.7	68.7	69.3	69.3	69.9	71.7		
GE 1200	53.9	59.3	63.0	64.4	68.0	68.5	70.0	70.5	70.7	70.8	72.8	72.8	73.4	73.4	74.0	75.9		
GE 1000	55.0	60.4	64.2	65.6	69.9	70.4	71.9	72.4	72.5	72.7	74.7	74.7	75.3	75.3	75.9	77.7		
GE 900	55.1	60.7	64.7	66.2	70.7	71.1	72.7	73.3	73.4	73.6	75.6	75.6	76.2	76.2	76.8	78.6		
GE 800	55.3	61.0	65.4	67.1	72.0	72.5	74.2	74.8	75.0	75.1	77.1	77.1	77.7	77.7	78.5	80.3		
GE 700	55.6	61.8	66.2	68.7	74.7	75.1	76.8	77.4	77.6	77.7	79.7	79.7	80.3	80.5	81.1	83.1		
GE 600	55.9	62.1	66.8	69.4	76.0	76.5	78.5	79.1	79.3	79.4	81.7	81.9	82.6	83.3	83.9	86.2		
GE 500	55.9	62.1	67.0	69.6	76.8	77.3	79.3	80.0	80.2	80.6	82.9	83.3	84.9	85.6	86.5	89.1		
GE 400	56.4	62.5	67.4	70.2	77.7	78.2	80.2	81.0	81.1	82.0	85.7	86.0	88.0	88.8	90.0	92.6		
GE 300	56.4	62.7	67.6	70.4	78.0	78.5	80.5	81.3	81.4	82.3	86.3	86.6	89.4	90.2	92.5	95.2		
GE 200	56.4	62.7	67.6	70.4	78.0	78.5	80.5	81.3	81.4	82.3	86.5	86.8	90.3	91.2	94.5	97.4		
GE 100	56.4	62.7	67.7	70.5	78.2	78.6	80.6	81.4	81.6	82.5	86.6	86.9	90.6	91.6	94.9	98.3		
GE 0	56.4	62.7	67.7	70.5	78.2	78.6	80.6	81.4	81.6	82.5	86.6	86.9	91.2	92.2	96.0	100.0		

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.4	37.8	39.2	39.8	40.9	40.9	41.2	41.2	41.2	41.6	42.1	42.2	42.9	42.9	42.9	44.2
GE 20000	36.9	38.2	39.6	40.2	41.3	41.3	41.6	41.6	41.6	42.1	42.5	42.7	43.3	43.3	43.3	44.7
GE 18000	37.0	38.4	39.8	40.4	41.5	41.5	41.8	41.8	41.8	42.2	42.7	42.9	43.5	43.5	43.5	45.2
GE 16000	37.0	38.4	39.8	40.4	41.5	41.5	41.8	41.8	41.8	42.2	42.7	42.9	43.5	43.5	43.5	45.2
GE 14000	37.0	38.4	39.8	40.4	41.5	41.5	41.8	41.8	41.8	42.2	42.7	42.9	43.5	43.5	43.5	45.2
GE 12000	37.0	38.4	39.9	40.6	41.6	41.6	41.9	41.9	41.9	42.4	42.9	43.0	43.6	43.6	43.6	45.3
GE 10000	38.1	39.5	41.0	41.6	42.7	42.7	43.0	43.0	43.0	43.5	43.9	44.1	44.7	44.7	44.7	46.4
GE 9000	38.6	39.9	41.5	42.1	43.2	43.2	43.5	43.5	43.5	43.9	44.4	44.5	45.2	45.2	45.2	46.9
GE 8000	39.3	40.7	42.2	42.9	44.1	44.1	44.5	44.5	44.5	45.2	45.6	45.8	46.4	46.4	46.4	48.1
GE 7000	39.8	41.2	42.7	43.3	44.9	44.9	45.3	45.3	45.3	45.9	46.9	47.0	47.6	47.6	47.6	49.3
GE 6000	39.9	41.3	42.9	43.5	45.0	45.0	45.5	45.5	45.5	46.1	47.0	47.2	47.8	47.8	48.2	49.9
GE 5000	41.3	42.7	44.2	44.9	46.5	46.5	47.0	47.0	47.0	47.6	48.5	48.7	49.3	49.3	49.8	51.5
GE 4500	42.1	43.6	45.2	45.8	47.6	47.6	48.1	48.1	48.1	48.7	49.6	49.8	50.4	50.4	50.8	52.5
GE 4000	42.9	44.4	46.1	46.7	48.5	48.5	49.0	49.0	49.0	49.6	50.7	50.8	51.5	51.5	51.9	53.6
GE 3500	43.9	46.1	47.8	48.4	50.2	50.2	50.8	50.8	50.8	51.5	52.5	52.7	53.3	53.3	53.8	55.5
GE 3000	45.6	47.8	49.5	50.1	52.1	52.1	52.7	52.7	52.7	53.3	54.5	54.7	55.3	55.3	55.8	57.5
GE 2500	47.6	50.8	53.0	54.4	56.4	56.4	57.0	57.0	57.0	57.6	58.8	59.0	59.6	59.6	60.2	61.9
GE 2000	49.9	54.1	56.8	58.4	60.5	60.5	62.2	62.2	62.2	62.8	64.2	64.4	65.0	65.0	65.6	67.3
GE 1800	50.1	54.2	57.5	59.0	61.3	61.3	63.1	63.1	63.1	63.7	65.1	65.3	65.9	65.9	66.5	68.4
GE 1500	52.2	56.7	60.4	62.4	65.3	65.3	67.3	67.3	67.3	67.9	69.4	69.6	70.4	70.4	71.0	72.8
GE 1200	54.5	59.8	63.6	65.7	68.8	68.8	70.8	71.9	71.9	72.5	74.2	74.3	75.1	75.1	75.7	77.6
GE 1000	55.1	60.8	65.3	67.7	71.0	71.0	73.0	74.0	74.0	74.7	76.5	76.7	77.4	77.6	78.2	80.3
GE 900	55.3	61.0	65.4	68.0	71.6	71.6	73.6	74.7	74.7	75.3	77.3	77.4	78.2	78.3	79.1	81.3
GE 800	55.5	61.1	65.6	68.5	73.1	73.1	75.1	76.5	76.5	77.4	79.4	79.6	80.3	80.6	81.4	83.3
GE 700	55.6	61.6	66.4	69.3	74.2	74.2	76.2	77.6	77.6	78.6	80.8	81.0	81.7	82.0	82.8	84.6
GE 600	55.6	61.8	67.1	70.2	75.7	75.7	77.9	79.6	79.6	80.6	82.8	82.9	83.7	84.0	84.9	86.9
GE 500	55.8	62.1	67.4	70.5	76.3	76.3	78.8	80.5	80.5	81.7	84.3	84.5	85.6	86.0	87.1	89.1
GE 400	56.2	62.7	68.2	71.4	77.3	77.3	79.7	81.9	81.9	84.0	86.9	87.1	88.8	89.2	90.5	92.5
GE 300	56.2	62.7	68.2	71.4	77.4	77.4	79.9	82.3	82.3	84.5	87.7	87.9	89.6	90.0	91.7	94.0
GE 200	56.2	62.7	68.2	71.4	77.4	77.4	79.9	82.3	82.3	84.5	88.0	88.2	90.2	90.8	93.5	96.9
GE 100	56.2	62.7	68.2	71.4	77.4	77.4	79.9	82.3	82.3	84.5	88.0	88.2	90.2	90.9	93.7	97.4
GE 0	56.2	62.7	68.2	71.4	77.4	77.4	79.9	82.3	82.3	84.5	88.0	88.2	90.8	91.6	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 1/16	GE 0
NO CLIL	34.4	36.1	36.9	37.0	37.9	37.9	38.9	39.0	39.2	39.9	40.4	40.4	40.9	40.9	41.2	42.1
GE 20000	34.9	36.6	37.3	37.5	38.4	38.4	39.3	39.5	39.6	40.4	40.9	40.9	41.3	41.3	41.6	42.5
GE 18000	35.0	36.7	37.5	37.6	38.6	38.6	39.5	39.6	39.8	40.6	41.0	41.0	41.5	41.5	41.8	42.7
GE 16000	35.0	36.7	37.5	37.6	38.6	38.6	39.5	39.6	39.8	40.6	41.0	41.0	41.5	41.5	41.8	42.7
GE 14000	35.3	37.0	37.8	37.4	38.9	38.9	39.8	39.9	40.1	40.9	41.3	41.3	41.8	41.8	42.1	43.0
GE 12000	35.5	37.5	38.2	38.4	39.3	39.3	40.2	40.4	40.6	41.3	41.8	41.8	42.2	42.2	42.5	43.5
GE 10000	36.1	38.1	38.9	39.0	39.9	39.9	40.9	41.0	41.2	41.9	42.4	42.4	42.9	42.9	43.2	44.1
GE 9000	36.4	38.4	39.2	39.3	40.2	40.2	41.2	41.3	41.5	42.2	42.7	42.7	43.2	43.2	43.5	44.4
GE 8000	36.9	39.0	39.8	39.9	40.9	40.9	41.8	41.9	42.1	42.9	43.3	43.3	43.8	43.8	44.1	45.0
GE 7000	37.8	39.9	40.7	40.9	41.9	41.9	42.9	43.0	43.2	43.9	44.7	44.7	45.2	45.2	45.5	46.4
GE 6000	38.1	40.2	41.0	41.2	42.2	42.2	43.2	43.3	43.5	44.2	45.0	45.0	45.6	45.6	45.9	46.9
GE 5000	39.3	41.5	42.2	42.4	43.5	43.5	44.4	44.5	44.7	45.5	46.2	46.2	46.9	46.9	47.2	48.1
GE 4500	40.6	42.7	43.5	43.6	44.7	44.7	45.6	45.8	45.9	46.7	47.5	47.5	48.1	48.1	48.4	49.3
GE 4000	41.8	44.1	44.9	45.2	46.5	46.7	47.8	48.1	48.2	49.0	49.8	49.8	50.4	50.4	50.7	51.6
GE 3500	43.9	46.5	47.3	47.6	49.0	49.2	50.2	50.5	50.7	51.5	52.2	52.2	52.8	52.8	53.1	54.1
GE 3000	45.5	48.4	49.2	49.6	51.3	51.5	52.5	52.8	53.0	53.8	54.5	54.5	55.1	55.1	55.5	56.4
GE 2500	47.5	51.5	52.5	53.0	55.0	55.3	56.4	56.8	57.0	57.8	58.5	58.5	59.1	59.1	59.4	60.4
GE 2000	50.2	54.5	55.6	56.4	58.5	59.0	60.2	60.7	60.8	61.6	62.4	62.4	63.1	63.1	63.4	64.4
GE 1800	50.5	54.8	55.9	56.7	58.8	59.3	60.5	61.1	61.3	62.1	63.1	63.1	63.9	63.9	64.2	65.1
GE 1500	51.8	56.7	58.2	59.1	61.8	62.4	63.7	64.5	64.7	65.6	67.4	67.4	68.2	68.2	68.5	69.9
GE 1200	53.8	59.9	61.6	62.8	65.9	66.5	67.9	69.0	69.1	70.2	72.0	72.0	72.8	72.8	73.1	74.5
GE 1000	54.7	61.3	63.1	64.5	67.9	68.5	70.0	71.1	71.3	72.5	75.1	75.1	75.9	76.0	76.3	77.7
GE 900	54.7	61.3	63.6	65.0	69.3	69.9	71.4	72.5	72.7	74.0	76.7	76.7	77.4	77.6	77.9	79.3
GE 800	55.1	62.1	64.8	66.4	71.3	72.0	73.9	75.0	75.1	76.5	79.7	79.7	80.5	80.6	81.0	82.3
GE 700	55.1	62.5	65.4	67.0	72.5	73.3	75.3	76.5	76.7	78.0	81.3	81.3	82.0	82.2	82.5	83.9
GE 600	55.1	62.7	66.7	68.2	74.2	75.0	77.3	78.5	78.6	80.0	83.3	83.3	84.0	84.2	84.5	85.9
GE 500	55.8	63.9	68.4	70.0	76.2	77.1	79.4	80.6	80.8	82.3	85.7	85.7	86.8	86.9	87.3	89.1
GE 400	55.8	64.1	68.5	70.2	76.5	77.4	80.2	81.6	81.7	83.9	87.4	87.4	88.6	88.8	89.6	91.6
GE 300	55.8	64.1	68.5	70.2	76.5	77.4	80.5	82.0	82.2	84.6	88.5	88.5	90.3	90.5	91.2	93.9
GE 200	55.8	64.1	68.7	70.4	76.7	77.6	80.8	82.3	82.5	84.9	88.9	88.9	90.9	91.1	92.6	95.4
GE 100	55.8	64.1	68.7	70.4	76.7	77.6	80.8	82.5	82.6	85.1	89.4	89.4	91.4	91.6	93.1	96.2
GE 0	55.8	64.1	68.7	70.4	76.7	77.6	80.8	82.5	82.6	85.1	89.6	89.6	92.2	92.5	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	31.2	33.3	34.1	34.1	35.0	35.0	35.3	35.8	35.8	35.8	36.1	36.4	36.4	36.7	37.0
GE 20000	31.2	33.5	34.3	34.3	35.3	35.3	35.6	36.1	36.1	36.1	36.4	36.7	36.7	37.0	37.3
GE 18000	32.0	34.7	35.8	35.8	36.9	36.9	37.2	37.6	37.6	37.6	37.9	38.2	38.2	38.6	38.9
GE 16000	32.4	35.3	36.7	36.9	37.9	37.9	38.2	38.7	38.7	38.7	39.0	39.3	39.3	39.6	39.9
GE 14000	33.9	36.9	38.2	38.4	39.5	39.5	39.8	40.2	40.2	40.2	40.6	40.9	40.9	41.2	41.5
GE 12000	34.4	37.5	38.9	39.0	40.1	40.1	40.4	40.9	40.9	40.9	41.2	41.5	41.5	41.8	42.1
GE 10000	35.2	38.2	39.6	39.8	40.9	40.9	41.2	41.6	41.6	41.6	41.9	42.2	42.2	42.5	42.9
GE 9000	35.3	38.6	39.9	40.1	41.2	41.2	41.5	41.9	41.9	41.9	42.2	42.5	42.5	42.9	43.2
GE 8000	36.4	40.1	41.6	41.9	43.2	43.2	43.6	44.1	44.1	44.1	44.5	44.9	44.9	45.2	45.5
GE 7000	37.3	41.3	42.9	43.2	44.4	44.4	44.9	45.3	45.3	45.3	45.8	46.1	46.2	46.5	46.9
GE 6000	37.3	41.5	43.0	43.3	44.5	44.5	45.0	45.5	45.5	45.5	45.9	46.2	46.4	46.7	47.0
GE 5000	37.9	42.1	43.6	43.9	45.2	45.2	45.6	46.1	46.1	46.2	46.5	46.9	47.0	47.3	47.6
GE 4500	39.3	43.5	45.0	45.3	46.5	46.5	47.0	47.5	47.5	47.6	47.9	48.2	48.4	48.7	49.0
GE 4000	41.3	45.8	47.3	47.6	48.8	48.8	49.3	49.9	49.9	50.2	50.5	50.8	51.0	51.3	51.6
GE 3500	43.0	47.6	49.2	49.5	50.8	50.8	51.3	51.9	51.9	52.2	52.5	52.8	53.0	53.3	53.6
GE 3000	43.5	48.1	49.6	49.9	51.3	51.3	51.8	52.4	52.4	52.7	53.0	53.3	53.5	53.8	54.1
GE 2500	46.1	51.0	52.7	53.0	54.5	54.5	55.0	55.6	55.6	56.1	56.7	57.0	57.1	57.5	57.8
GE 2000	48.8	54.5	56.5	56.8	58.5	58.5	59.0	59.6	59.6	60.2	60.8	61.1	61.4	61.8	62.1
GE 1800	49.2	55.1	57.1	57.5	59.1	59.1	59.6	60.2	60.2	60.8	61.4	61.8	62.1	62.4	62.7
GE 1500	50.5	56.8	59.0	59.4	61.3	61.3	61.8	62.4	62.4	63.0	64.1	64.4	64.8	65.1	65.4
GE 1200	51.2	59.0	61.8	62.4	64.7	64.7	65.7	66.4	66.4	67.1	68.2	68.5	69.1	69.4	69.7
GE 1000	51.9	60.5	63.6	65.0	68.0	68.2	69.6	70.7	70.8	72.0	73.4	73.7	74.5	74.8	75.1
GE 900	51.9	60.8	64.5	66.1	69.1	69.3	70.7	71.7	71.9	73.1	74.5	74.8	75.7	76.0	76.3
GE 800	52.1	61.3	65.0	66.5	69.7	69.9	71.7	72.8	73.0	74.5	76.2	76.5	77.4	77.7	78.0
GE 700	52.4	62.8	66.8	68.4	71.9	72.0	74.2	75.4	75.7	77.4	79.3	79.6	80.5	81.0	81.3
GE 600	52.7	63.6	67.6	69.3	73.4	73.7	76.0	77.3	77.7	80.3	82.5	82.8	84.0	84.6	84.9
GE 500	52.7	63.7	67.7	69.4	73.6	74.0	76.7	77.9	78.5	81.3	84.0	84.3	85.6	86.2	86.5
GE 400	52.7	64.1	68.2	69.9	74.3	74.8	77.4	78.6	79.3	82.3	86.3	86.6	88.0	88.6	89.2
GE 300	52.7	64.1	68.2	69.9	74.3	74.8	77.4	79.0	79.6	83.4	88.3	88.8	90.5	91.1	92.0
GE 200	53.3	65.0	69.1	70.8	75.4	75.9	78.5	80.2	80.8	84.8	90.2	90.6	92.5	93.1	94.2
GE 100	53.3	65.0	69.1	70.8	75.4	75.9	78.5	80.2	80.8	84.9	91.2	91.7	93.7	94.3	95.4
GE 0	53.3	65.0	69.1	70.8	75.4	75.9	78.5	80.2	80.8	84.9	91.2	91.7	94.0	94.6	95.9

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CLIL	31.8	34.7	35.2	35.2	36.1	36.1	36.1	37.0	37.0	37.6	38.2	38.2	38.9	39.0	39.0	39.5
GE 20000	32.0	35.0	35.5	35.5	36.4	36.4	36.4	37.3	37.3	37.9	38.6	38.6	39.2	39.3	39.3	39.8
GE 18000	32.0	35.5	36.1	36.4	37.3	37.3	37.3	38.2	38.2	38.9	39.5	39.5	40.1	40.2	40.2	40.7
GE 16000	32.6	36.1	36.7	37.0	37.9	37.9	37.9	38.9	38.9	39.5	40.1	40.1	40.9	41.0	41.0	41.8
GE 14000	33.0	36.6	37.3	37.6	38.6	38.6	38.6	39.5	39.5	40.1	40.9	40.9	41.6	41.8	41.9	42.7
GE 12000	33.8	37.3	38.2	38.7	39.6	39.6	39.6	40.6	40.6	41.2	41.9	41.9	42.9	43.0	43.2	43.9
GE 10000	34.3	38.2	39.2	39.6	40.6	40.6	40.6	41.5	41.5	42.1	42.9	42.9	43.8	43.9	44.1	44.9
GE 9000	34.4	38.4	39.3	39.8	40.7	40.7	40.7	41.6	41.6	42.2	43.0	43.0	43.9	44.1	44.2	45.0
GE 8000	35.5	39.9	40.9	41.3	42.2	42.2	42.2	43.2	43.2	43.8	44.5	44.5	45.5	45.6	45.8	46.5
GE 7000	37.3	42.2	43.2	43.8	44.7	44.7	44.7	45.6	45.6	46.2	47.0	47.0	47.9	48.1	48.2	49.0
GE 6000	37.9	43.5	44.4	45.0	45.9	45.9	45.9	46.9	46.9	47.5	48.2	48.2	49.2	49.3	49.5	50.2
GE 5000	38.2	43.8	44.7	45.3	46.2	46.2	46.2	47.2	47.2	47.8	48.5	48.5	49.5	49.6	49.8	50.5
GE 4500	39.9	45.5	46.4	47.0	47.9	47.9	47.9	48.8	48.8	49.5	50.2	50.2	51.2	51.3	51.5	52.2
GE 4000	42.7	48.7	49.6	50.2	51.5	51.5	51.5	52.4	52.4	53.0	53.8	53.8	54.7	54.8	55.0	55.8
GE 3500	44.7	50.8	51.8	52.4	53.6	53.6	53.6	54.5	54.5	55.1	55.9	55.9	56.8	57.0	57.1	57.9
GE 3000	45.5	51.8	52.7	53.6	54.8	54.8	54.8	55.8	55.8	56.4	57.1	57.1	58.1	58.2	58.4	59.1
GE 2500	46.5	53.5	54.4	55.3	56.5	56.5	56.5	57.5	57.5	58.1	58.8	58.8	59.8	59.9	60.4	61.1
GE 2000	48.5	55.9	57.0	57.9	59.1	59.1	59.1	60.1	60.1	60.7	61.4	61.4	62.4	62.5	63.0	63.7
GE 1800	48.8	56.4	57.5	58.4	59.8	59.8	59.8	60.7	60.7	61.3	62.2	62.2	63.1	63.3	63.7	64.5
GE 1500	50.8	58.8	60.1	61.0	62.4	62.4	62.4	63.3	63.3	64.1	65.0	65.0	65.9	66.1	66.7	67.6
GE 1200	52.7	62.2	63.9	65.3	67.6	67.9	68.2	69.1	69.1	69.9	70.8	70.8	71.7	71.9	72.5	73.4
GE 1000	52.5	63.3	65.3	66.8	69.4	69.7	70.2	71.7	71.7	72.5	73.9	73.9	74.8	75.0	75.6	76.5
GE 900	52.7	63.7	65.7	67.3	70.0	70.4	71.0	72.5	72.5	73.3	74.7	74.7	75.6	75.7	76.3	77.3
GE 800	53.1	64.5	66.8	68.4	71.9	72.2	73.0	74.5	74.7	75.4	76.8	76.8	77.7	77.9	78.5	79.7
GE 700	53.1	64.7	67.0	68.7	72.4	72.7	73.9	75.4	75.6	76.5	77.9	77.9	78.8	79.0	79.6	81.0
GE 600	53.5	65.4	67.7	69.4	73.7	74.0	75.3	76.8	77.0	78.2	79.6	79.6	80.5	80.8	81.9	83.3
GE 500	53.5	65.9	68.4	70.0	74.8	75.3	76.7	78.3	78.6	80.5	82.5	82.6	83.7	84.2	85.3	86.6
GE 400	53.5	66.1	68.5	70.4	75.6	76.0	77.4	79.1	79.6	81.9	85.3	85.6	87.3	87.7	88.8	90.5
GE 300	54.1	66.7	69.1	71.0	76.3	76.6	78.3	80.0	80.5	82.9	87.4	87.7	90.0	90.6	91.7	93.7
GE 200	54.1	66.7	69.3	71.1	76.5	77.0	78.5	80.6	81.1	84.3	89.1	89.6	91.9	92.5	93.5	95.7
GE 100	54.1	66.7	69.3	71.1	76.5	77.0	78.5	80.6	81.1	84.6	89.7	90.2	92.6	93.4	94.6	97.4
GE 0	54.1	66.7	69.3	71.1	76.5	77.0	78.5	80.6	81.1	84.6	89.7	90.2	92.9	93.7	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	35.3	37.2	37.6	38.1	38.6	38.7	38.9	39.2	39.2	39.6	39.8	39.8	40.1	40.1	40.6
GE 20000	35.5	37.6	38.1	38.6	39.0	39.2	39.3	39.6	39.6	40.1	40.2	40.2	40.6	40.6	41.0
GE 18000	35.6	37.8	38.2	38.7	39.2	39.3	39.5	39.8	39.8	40.2	40.4	40.4	40.7	40.7	41.2
GE 16000	36.4	38.7	39.2	39.6	40.1	40.2	40.4	40.7	40.7	41.2	41.3	41.3	41.6	41.6	42.1
GE 14000	36.4	38.7	39.2	39.6	40.1	40.2	40.4	40.7	40.7	41.2	41.6	41.6	42.1	42.1	42.5
GE 12000	37.2	39.5	40.4	40.9	41.3	41.5	41.6	41.9	41.9	42.4	42.9	42.9	43.3	43.3	43.8
GE 10000	37.5	40.2	41.2	41.8	42.2	42.4	42.5	42.9	42.9	43.3	43.8	43.8	44.2	44.2	44.7
GE 9000	37.5	40.2	41.2	41.8	42.2	42.4	42.5	42.9	42.9	43.3	43.8	43.8	44.2	44.2	44.7
GE 8000	38.7	41.5	42.5	43.2	43.6	43.8	43.9	44.2	44.2	44.7	45.2	45.2	45.6	45.6	46.1
GE 7000	40.7	43.5	44.5	45.3	46.1	46.2	46.4	46.7	46.7	47.2	47.6	47.6	48.1	48.1	48.7
GE 6000	41.9	45.0	46.1	46.9	47.6	47.8	47.9	48.2	48.2	48.7	49.2	49.2	49.6	49.6	50.2
GE 5000	42.4	45.5	46.5	47.3	48.1	48.2	48.4	48.7	48.7	49.2	49.6	49.6	50.1	50.1	50.7
GE 4500	44.2	47.5	48.7	49.5	50.2	50.4	50.5	50.8	50.8	51.3	51.8	51.8	52.2	52.2	52.8
GE 4000	46.2	50.2	51.5	52.2	53.3	53.6	53.8	54.1	54.1	54.5	55.0	55.0	55.5	55.5	56.1
GE 3500	47.6	52.5	53.8	54.5	55.6	55.9	56.1	56.4	56.4	56.8	57.3	57.3	57.8	57.8	58.4
GE 3000	48.8	54.2	55.5	56.4	57.5	57.8	57.9	58.2	58.2	58.7	59.1	59.1	59.6	59.6	60.2
GE 2500	49.8	55.6	57.5	58.4	59.6	59.9	60.2	60.5	60.5	61.0	61.4	61.4	61.9	61.9	63.0
GE 2000	50.5	57.9	59.8	60.8	62.7	63.0	63.4	63.7	63.7	64.2	65.0	65.0	65.4	65.4	66.5
GE 1800	50.7	58.1	60.1	61.1	63.1	63.8	63.9	64.2	64.2	64.7	65.4	65.4	65.9	65.9	67.0
GE 1500	51.8	59.6	61.8	62.8	65.3	65.6	66.2	66.5	66.5	67.0	67.7	67.7	68.2	68.2	69.3
GE 1200	52.5	60.8	63.1	64.5	67.6	68.0	68.8	69.7	69.1	69.7	70.5	70.5	71.0	71.0	72.0
GE 1000	52.8	61.9	64.4	65.7	69.0	69.4	70.2	71.3	71.3	72.0	73.1	73.1	74.0	74.0	75.1
GE 900	53.1	62.5	65.3	66.7	69.9	70.4	71.4	72.5	72.5	73.4	74.5	74.5	75.4	75.4	76.5
GE 800	53.8	63.1	66.1	67.4	70.7	71.1	72.4	73.4	73.4	74.3	75.6	75.6	76.5	76.7	77.7
GE 700	54.1	63.7	67.1	68.5	72.7	73.1	74.3	75.4	75.4	76.5	77.7	77.7	78.6	78.8	79.9
GE 600	54.5	64.2	67.6	69.3	73.6	74.0	75.3	76.3	76.3	77.4	78.6	78.6	79.6	80.2	81.3
GE 500	54.8	64.8	68.2	70.0	74.3	74.8	76.0	77.1	77.1	78.6	79.9	79.9	81.1	81.7	82.8
GE 400	55.3	65.6	69.6	71.4	75.7	76.3	78.2	79.4	79.7	81.3	84.0	84.0	85.9	86.6	87.7
GE 300	55.3	65.6	69.6	71.4	75.7	76.3	78.2	79.6	79.9	81.4	85.7	85.7	88.2	89.1	90.6
GE 200	55.3	65.6	69.6	71.4	75.7	76.3	78.2	79.7	80.0	81.6	86.3	86.3	88.9	89.9	91.9
GE 100	55.3	65.6	69.6	71.4	75.7	76.3	78.2	79.7	80.0	81.7	86.6	86.6	89.9	90.3	92.9
GE 0	55.3	65.6	69.6	71.4	75.7	76.3	78.2	79.7	80.0	81.7	86.6	86.6	89.9	91.1	94.3

TOTAL NUMBER OF OBSERVATIONS: 651

3

✓

CCT

26

● ● ● ● ● ● ● ● ● ● ●

4

SKY COVER

77-84

254

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTH OF SKY COVER	TOTAL OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
JULY	00-02	2.0			21.7						10.9	55.6	8.0	720
	03-05	5.1			17.4					10.2	58.3	8.1	720	
	06-08	3.8			12.1					30.4	53.0	8.5	720	
	09-11	2.6			6.9					40.2	46.4	8.7	720	
	12-14	1.1			9.9					42.4	46.7	8.8	720	
	15-17	.4			9.6					37.0	52.1	8.9	720	
	18-20	1.0			9.0					37.4	51.0	8.6	720	
	21-23	1.7			15.1					24.8	56.4	8.5	720	
TOTALS		5.3			13.1						52.5	52.6	8.5	5760

3

✓

78-84

JUL

●

GLOBAL CLIMATOLOGY BRANCH
JMAFETAC
AND WEATHER SERVICE/MAC

SKY COVER

77 129

CAPE ROMANZOF AFS AK

78-64

JUN

STATION

STAT/COB NAME

[illegible]

—

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	3.2			14.0						24.1	52.1	8.4	633
	03-05	3.9			13.7						25.2	57.3	8.4	630
	06-08	1.2			14.4						28.6	55.1	8.5	630
	09-11	1.4			15.2						30.8	54.6	8.6	633
	12-14	1.4			13.2						31.6	53.7	8.6	629
	15-17	1.0			15.8						31.8	51.4	8.5	626
	18-20	1.4			15.4						31.3	51.0	8.5	630
	21-23	1.2			14.4						28.7	54.9	8.5	630
TOTALS		2.1			14.3						29.0	54.6	8.5	5035

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVE

MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	0.9			16.9						27.7	45.6	7.6	
	03-05	5.9			14.5						26.4	45.2	7.5	
	06-08	5.4			19.4						34.8	40.5	7.8	
	09-11	3.7			22.5						35.1	38.8	7.7	
	12-14	3.7			21.2						35.5	39.6	7.8	
	15-17	2.2			24.6						36.1	37.2	7.7	
	18-20	4.1			23.0						35.0	37.8	7.6	
	21-23	6.6			21.0						32.1	40.2	7.5	
TOTALS		5.6			21.7						32.8	40.6	7.7	5

FORM
HU 64

FORM 0-9-5 (OL A)
11-64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY CO'

7R-54

AP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9		10
APR	00-02	6.5			22.9						20.7	49.5	7.5
	03-05	11.9			21.5						20.9	45.6	7.1
	06-08	7.7			19.5						26.0	46.9	7.6
	09-11	5.2			19.7						30.0	45.0	7.8
	12-14	5.2			18.9						30.6	45.2	7.8
	15-17	3.5			17.8						32.0	46.7	8.1
	18-20	2.0			15.8						33.0	46.2	8.3
	21-23	2.7			19.7						26.4	51.2	8.1
TOTALS		5.9			12.5						27.4	47.3	7.8

SKY CO

74-84

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9		10
MAY	00-02	15.9			22.7						10.8	39.7	6.3
	03-05	20.7			19.2						10.4	41.8	6.4
	06-08	17.5			15.8						27.4	40.3	6.7
	09-11	10.5			19.7						36.1	33.6	7.2
	12-14	10.8			26.5						20.4	34.4	6.8
	15-17	9.3			29.1						26.3	35.4	6.9
	18-20	5.7			27.0						20.3	38.0	7.2
	21-23	8.5			26.7						27.2	41.6	7.0
TOTALS		12.7			23.7						25.5	38.1	6.8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COM

70.120
STATION

CAPE ROMANZOF AFS AK
STATION NAME

78-24

FBI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9		10
FEB	00-02	22.1			27.9						14.7	29.3	5.1
	03-05	31.4			23.4						14.0	31.2	5.1
	06-08	30.5			24.0						13.7	31.7	5.1
	09-11	15.4			30.1						23.9	30.7	6.1
	12-14	10.2			29.7						20.4	30.7	6.6
	15-17	6.1			33.1						30.2	30.7	6.8
	18-20	5.1			37.7						27.6	29.6	6.6
	21-23	15.4			35.9						17.1	31.6	5.4

USAFETAC

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY CO'

78-84

۲۵

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9		10
JAN.	00-02	17.3			21.5						19.9	39.6	6.3
	03-05	20.0			23.7						18.9	37.4	6.2
	06-08	21.3			14.6						19.7	39.4	6.3
	09-11	14.2			21.7						27.0	44.1	6.9
	12-14	7.4			14.9						30.1	42.6	7.6
	15-17	5.6			21.3						31.8	41.3	7.6
	18-20	6.7			22.9						27.7	42.6	7.4
	21-23	15.6			20.4						22.2	41.8	6.8
TOTALS		17.3			21.4						23.7	41.1	6.9

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

✓

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL DRY COVER

FOR AIRWAYS STATIONS IN SAMPLES OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBLSCURED WERE USED AS INPUT FOR THE
TOTAL DRY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBLSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: ALL HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	25.0	26.4	26.8	27.0	27.5	27.5	27.8	27.9	27.9	28.0	28.3	28.3	28.5	28.5	28.6	28.6
GE 20000	26.5	28.0	28.4	28.6	29.1	29.1	29.4	29.5	29.5	29.7	30.0	30.0	30.1	30.2	30.3	30.3
GE 18000	27.1	28.7	29.2	29.4	29.9	29.9	30.2	30.3	30.3	30.4	30.8	30.8	30.9	31.0	31.0	31.1
GE 16000	27.4	29.0	29.5	29.7	30.2	30.2	30.5	30.6	30.6	30.6	31.1	31.1	31.1	31.3	31.4	31.4
GE 14000	27.6	29.2	29.7	29.9	30.4	30.4	30.7	30.8	30.8	30.9	31.3	31.3	31.3	31.5	31.5	31.6
GE 12000	28.0	29.6	30.1	30.3	30.8	30.9	31.1	31.3	31.3	31.4	31.7	31.8	31.9	32.0	32.1	32.1
GE 10000	28.7	30.4	30.9	31.1	31.6	31.7	31.9	32.1	32.1	32.2	32.6	32.6	32.8	32.8	32.9	33.1
GE 9000	29.4	31.1	31.6	31.8	32.3	32.4	32.6	32.8	32.8	32.9	33.3	33.3	33.5	33.5	33.6	33.6
GE 8000	31.4	33.3	33.9	34.1	34.7	34.7	35.0	35.1	35.2	35.3	35.6	35.7	35.8	35.9	36.0	36.1
GE 7000	33.5	35.5	36.1	36.4	37.0	37.0	37.3	37.5	37.5	37.6	38.0	38.0	38.2	38.2	38.4	38.4
GE 6000	34.2	36.4	37.0	37.3	37.9	37.9	38.2	38.4	38.4	38.5	38.9	38.9	39.1	39.2	39.3	39.3
GE 5000	35.5	37.8	38.5	38.8	39.4	39.5	39.8	39.9	39.9	40.1	40.5	40.5	40.7	40.7	40.9	41.1
GE 4500	36.6	39.0	39.7	40.0	40.6	40.7	41.0	41.2	41.2	41.3	41.7	41.7	42.0	42.0	42.1	42.2
GE 4000	39.0	41.7	42.4	42.8	43.5	43.6	43.9	44.1	44.1	44.3	44.7	44.7	45.0	45.0	45.1	45.1
GE 3500	42.0	45.1	46.0	46.5	47.3	47.4	47.8	47.9	47.9	48.2	48.6	48.6	48.9	48.9	49.0	49.1
GE 3000	43.8	47.3	48.2	48.6	49.7	49.8	50.2	50.4	50.4	50.6	51.1	51.1	51.4	51.4	51.5	51.5
GE 2500	46.5	50.5	51.6	52.2	53.2	53.3	53.8	54.0	54.0	54.3	54.7	54.8	55.0	55.1	55.2	55.2
GE 2000	49.3	54.0	55.3	56.0	57.2	57.3	57.9	58.1	58.1	58.4	58.9	59.0	59.3	59.3	59.5	59.5
GE 1800	50.3	55.3	56.6	57.3	58.6	58.7	59.3	59.6	59.6	59.9	60.5	60.5	60.8	60.8	61.0	61.1
GE 1500	52.5	58.1	59.6	60.5	62.1	62.2	62.9	63.2	63.2	63.6	64.1	64.2	64.5	64.5	64.7	64.7
GE 1200	56.0	62.6	64.5	65.6	67.5	67.7	68.6	69.0	69.0	69.5	70.2	70.2	70.6	70.6	70.8	71.1
GE 1000	57.5	64.5	66.6	67.8	70.0	70.2	71.3	71.7	71.8	72.3	73.1	73.1	73.5	73.6	73.8	74.1
GE 900	58.4	65.8	68.0	69.3	71.6	71.8	72.9	73.4	73.5	74.1	75.0	75.0	75.4	75.5	75.7	75.7
GE 800	59.0	66.7	69.1	70.5	72.9	73.2	74.4	75.0	75.1	75.7	76.7	76.7	77.2	77.2	77.4	77.7
GE 700	59.6	67.7	70.2	71.6	74.3	74.6	75.9	76.6	76.7	77.3	78.4	78.5	78.9	79.0	79.2	79.9
GE 600	60.6	69.1	71.8	73.4	76.5	76.8	78.3	79.1	79.2	80.0	81.3	81.3	81.8	82.0	82.2	82.2
GE 500	61.6	70.6	73.6	75.4	78.8	79.1	80.8	81.7	81.9	82.9	84.3	84.4	85.1	85.2	85.5	85.5
GE 400	62.7	72.5	75.9	77.9	81.7	82.2	84.1	85.3	85.5	86.7	88.7	88.9	89.7	89.8	90.2	90.2
GE 300	63.0	73.2	76.8	79.1	83.3	83.7	85.9	87.3	87.5	88.9	91.4	91.5	92.6	92.8	93.3	93.3
GE 200	63.1	73.4	77.2	79.5	84.0	84.5	86.8	88.3	88.6	90.2	93.2	93.3	94.7	94.9	95.8	96.1
GE 100	63.1	73.5	77.2	79.6	84.1	84.7	87.0	88.6	88.9	90.6	94.0	94.2	95.9	96.1	97.3	98.1
GE 0	63.1	73.5	77.2	79.6	84.1	84.7	87.1	88.6	88.9	90.6	94.1	94.3	96.2	96.4	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 64240

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE
NO CEIL	35.1	36.7	37.4	37.5	38.5	38.5	38.7	38.9	39.0	39.4	40.0	40.0	40.3	40.4	40.6	41.
GE 20000	35.3	37.0	37.7	37.8	38.8	38.8	39.0	39.3	39.3	39.7	40.3	40.3	40.7	40.7	40.9	42.
GE 18000	35.7	37.5	38.2	38.4	39.4	39.5	39.7	39.9	39.9	40.4	40.9	41.0	41.3	41.4	41.6	42.
GE 16000	36.1	37.9	38.7	38.9	40.0	40.0	40.2	40.5	40.5	40.9	41.5	41.6	41.9	42.0	42.1	43.
GE 14000	36.3	38.2	39.0	39.2	40.3	40.3	40.5	40.8	40.8	41.2	41.9	41.9	42.3	42.4	42.6	43.
GE 12000	36.7	38.7	39.6	39.8	40.9	40.9	41.1	41.3	41.4	41.8	42.5	42.5	42.9	43.0	43.2	44.
GE 10000	37.4	39.5	40.4	40.6	41.7	41.8	42.0	42.2	42.2	42.7	43.3	43.4	43.8	43.8	44.0	45.
GE 9000	37.6	39.7	40.6	40.9	42.0	42.0	42.2	42.5	42.5	42.9	43.6	43.6	44.0	44.1	44.3	45.
GE 8000	38.8	41.0	42.0	42.3	43.5	43.5	43.7	44.0	44.0	44.5	45.1	45.2	45.6	45.7	45.9	47.
GE 7000	40.0	42.4	43.4	43.7	45.0	45.0	45.3	45.5	45.6	46.0	47.0	47.1	47.5	47.6	47.9	49.
GE 6000	40.4	43.0	43.9	44.3	45.5	45.6	45.9	46.1	46.1	46.6	47.6	47.6	48.1	48.2	48.5	49.
GE 5000	41.5	44.0	45.0	45.3	46.7	46.7	47.0	47.3	47.3	47.8	48.7	48.8	49.3	49.3	49.7	50.
GE 4500	42.7	45.3	46.4	46.7	48.1	48.2	48.4	48.7	48.7	49.2	50.2	50.2	50.7	50.7	51.1	52.
GE 4000	44.4	47.5	48.6	49.0	50.5	50.6	50.9	51.1	51.2	51.7	52.6	52.7	53.2	53.2	53.6	54.
GE 3500	45.8	49.3	50.5	50.9	52.5	52.6	52.9	53.2	53.2	53.7	54.7	54.7	55.2	55.3	55.6	56.
GE 3000	46.9	50.6	51.8	52.3	54.1	54.1	54.5	54.8	54.8	55.3	56.4	56.4	56.9	57.0	57.4	58.
GE 2500	48.4	52.9	54.5	55.2	57.0	57.1	57.5	57.8	57.9	58.4	59.5	59.5	60.0	60.1	60.6	61.
GE 2000	50.5	55.9	57.8	58.7	60.8	60.9	61.6	61.9	62.0	62.5	63.7	63.8	64.3	64.4	65.0	66.
GE 1800	50.8	56.5	58.5	59.4	61.5	61.7	62.5	62.9	62.9	63.4	64.7	64.7	65.3	65.4	65.9	67.
GE 1500	51.9	58.1	60.4	61.5	64.0	64.2	65.1	65.5	65.6	66.1	67.6	67.6	68.3	68.3	68.9	70.
GE 1200	53.2	60.4	63.2	64.6	67.7	68.0	69.2	69.9	69.9	70.6	72.1	72.2	72.8	72.9	73.4	74.
GE 1000	53.9	61.4	64.5	66.1	69.6	69.9	71.2	72.2	72.3	73.0	74.9	74.9	75.6	75.7	76.3	77.
GE 900	54.1	61.8	65.1	66.8	70.5	70.8	72.2	73.2	73.3	74.1	76.0	76.1	76.8	76.9	77.5	79.
GE 800	54.4	62.3	65.6	67.6	71.8	72.1	73.9	75.0	75.1	76.0	78.1	78.2	79.0	79.1	79.7	81.
GE 700	54.7	63.0	66.7	68.6	73.3	73.6	75.5	76.7	76.7	77.8	80.0	80.0	80.8	81.0	81.6	83.
GE 600	54.9	63.4	67.3	69.4	74.5	74.8	76.8	78.0	78.1	79.3	81.6	81.8	82.6	83.1	83.7	85.
GE 500	55.1	63.7	67.8	69.9	75.2	75.7	77.8	79.0	79.2	80.7	83.3	83.5	84.7	85.2	86.0	87.
GE 400	55.3	64.1	68.3	70.5	76.1	76.6	78.8	80.3	80.5	82.4	85.8	86.1	87.7	88.3	89.3	91.
GE 300	55.3	64.2	68.4	70.6	76.3	76.7	79.1	80.6	80.9	82.9	87.0	87.3	89.5	90.1	91.5	93.
GE 200	55.4	64.3	68.6	70.8	76.5	77.0	79.3	81.0	81.2	83.4	87.7	88.0	90.6	91.3	93.4	96.
GE 100	55.4	64.3	68.6	70.8	76.5	77.0	79.3	81.0	81.2	83.5	88.0	88.4	91.1	91.9	94.2	97.
GE 0	55.4	64.3	68.6	70.8	76.5	77.0	79.3	81.0	81.2	83.5	88.1	88.4	91.6	92.4	95.0	100.

TOTAL NUMBER OF OBSERVATIONS: 5208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS(EST): 2100-2

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	38.7	39.8	40.1	40.1	41.0	41.0	41.0	41.0	41.0	41.5	42.2	42.2	42.4	42.4	42.4
GE 20000	38.7	39.8	40.1	40.1	41.0	41.0	41.0	41.0	41.0	41.5	42.2	42.2	42.4	42.4	42.4
GE 18000	39.8	40.9	41.2	41.2	42.2	42.2	42.2	42.2	42.2	42.7	43.5	43.5	43.6	43.6	43.6
GE 16000	40.6	41.8	42.1	42.1	43.2	43.2	43.2	43.2	43.2	43.6	44.4	44.4	44.5	44.5	44.5
GE 14000	40.6	41.8	42.1	42.1	43.2	43.2	43.2	43.2	43.2	43.6	44.4	44.4	44.7	44.7	44.9
GE 12000	41.0	42.2	42.5	42.5	43.8	43.8	43.8	43.8	43.8	44.2	45.0	45.0	45.3	45.3	45.5
GE 10000	41.9	43.5	43.8	43.8	45.2	45.2	45.2	45.2	45.2	45.6	46.4	46.4	46.7	46.7	46.9
GE 9000	41.9	43.5	43.8	43.8	45.3	45.3	45.3	45.3	45.3	45.8	46.5	46.5	46.9	46.9	47.0
GE 8000	42.2	43.8	44.1	44.1	45.6	45.6	45.6	45.6	45.6	46.1	46.9	46.9	47.2	47.2	47.3
GE 7000	43.8	45.5	45.8	46.1	47.6	47.6	47.6	47.6	47.6	48.1	49.3	49.3	49.8	49.8	49.9
GE 6000	44.2	45.9	46.2	46.5	48.1	48.1	48.1	48.1	48.1	48.5	49.8	49.8	50.2	50.2	50.4
GE 5000	45.0	46.9	47.2	47.5	49.0	49.0	49.0	49.0	49.0	49.5	50.7	50.7	51.2	51.2	51.3
GE 4500	46.2	48.5	49.2	49.5	51.0	51.0	51.0	51.0	51.0	51.5	52.7	52.7	53.1	53.1	53.3
GE 4000	48.1	51.5	52.1	52.4	53.9	53.9	53.9	53.9	53.9	54.4	55.6	55.6	56.1	56.1	56.2
GE 3500	49.0	52.7	53.3	53.6	55.1	55.3	55.3	55.3	55.3	55.8	57.0	57.0	57.5	57.5	57.6
GE 3000	49.8	54.2	55.0	55.3	57.0	57.1	57.1	57.1	57.1	57.6	58.8	58.8	59.3	59.3	59.4
GE 2500	50.4	55.6	56.8	57.8	59.6	59.8	59.8	59.8	59.8	60.2	61.4	61.4	61.9	61.9	62.1
GE 2000	52.4	59.1	60.5	61.6	63.6	63.7	63.9	63.9	63.9	64.4	65.6	65.6	66.1	66.1	66.7
GE 1800	52.8	60.1	61.4	62.5	64.5	64.7	65.1	65.1	65.1	65.6	66.8	66.8	67.3	67.3	67.9
GE 1500	53.5	61.6	63.6	64.7	67.1	67.3	68.0	68.0	68.0	68.5	69.7	69.7	70.2	70.2	70.8
GE 1200	54.1	62.2	64.8	66.2	69.3	69.4	71.0	71.4	71.4	72.0	73.7	73.7	74.2	74.2	74.8
GE 1000	54.7	62.8	65.7	67.1	70.2	70.4	72.0	72.7	72.7	73.6	75.6	75.6	76.0	76.0	76.7
GE 900	54.8	63.1	66.5	68.0	71.1	71.3	73.3	73.9	73.9	75.1	77.3	77.3	77.9	77.9	78.5
GE 800	55.5	63.7	67.1	68.7	71.9	72.2	75.0	75.7	75.7	77.0	79.4	79.4	80.2	80.2	80.8
GE 700	56.7	65.1	68.5	70.0	73.6	73.9	76.7	77.4	77.4	78.8	81.3	81.3	82.0	82.0	82.6
GE 600	57.0	65.4	68.8	70.5	74.2	74.5	77.4	78.2	78.2	79.7	82.2	82.6	83.4	83.9	84.5
GE 500	57.0	65.4	69.0	70.7	74.5	75.0	77.9	78.8	78.8	80.5	82.9	83.4	84.5	84.9	85.6
GE 400	57.1	65.7	69.7	71.4	75.3	75.7	78.6	80.3	80.3	82.0	85.1	85.6	86.8	87.6	88.8
GE 300	57.1	65.7	69.7	71.4	75.3	75.7	78.6	80.3	80.3	82.0	85.6	86.0	88.2	88.9	90.2
GE 200	57.1	65.9	69.9	71.6	75.4	75.9	78.8	80.5	80.5	82.2	85.7	86.2	89.4	90.3	92.6
GE 100	57.1	65.9	69.9	71.6	75.4	75.9	78.8	80.5	80.5	82.2	85.9	86.3	90.0	90.9	93.9
GE 0	57.1	65.9	69.9	71.6	75.4	75.9	78.8	80.5	80.5	82.2	85.9	86.3	90.3	91.2	94.3

TOTAL NUMBER OF OBSERVATIONS: 651

SH

77-84

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										
		0	1	2	3	4	5	6	7	8	9	10
NOV	02-02	10.4			10.3						23.6	49.7
	03-05	8.9			16.2						18.9	54.9
	06-08	8.8			21.2						19.1	50.8
	09-11	4.3			19.7						28.6	47.3
	12-14	3.8			13.7						35.0	47.4
	15-17	3.5			14.4						30.9	51.3
	18-20	3.5			15.3						26.9	54.3
	21-23	6.9			15.1						20.5	54.5
TOTALS	6.4			16.9						25.4	51.3	

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GENERAL CLIMATOLOGY BRANCH
COMPTAC
AIR WEATHER SERVICE/MAL

✓

77-93

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS SKY COV	
		0	1	2	3	4	5	6	7	8	9		10
DEC	30-02	15.6			15.8						16.6	45.1	6.
	03-05	22.8			16.6						18.2	42.3	6.
	06-08	24.2			16.4						15.5	43.9	6.
	09-11	12.1			20.3						17.7	43.9	6.
	12-14	10.0			22.3						29.0	38.7	7.
	15-17	7.8			26.6						27.0	38.6	7.
	18-20	9.6			29.4						19.2	42.1	6.
	21-23	14.7			21.2						16.2	43.1	6.
TOTALS		16.5			21.5						19.9	42.2	6.

3
[1]
JULIAL CLIMATOLOGY BRANCH
AFSTAC
AFW WEATHER SERVICE/MAC

SKY C

77-84
STATION CAFE ROMANZOF AFS AK
STATION NAME

77-84

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS TOTAL
		0	1	2	3	4	5	6	7	8	9	10	
JAN	ALL	15.			21.4						23.7	41.1	6.
FEB		17.8			30.2						21.3	30.7	5.
MAR		12.7			23.7						25.5	38.1	6.
APR		5.3			19.5						27.4	47.3	7.
MAY		5.6			21.0						32.8	40.6	7.
JUN		7.1			14.3						29.0	54.6	8.
JUL		1.4			11.2						22.6	64.8	8.
AUG		1.5			10.5						27.2	60.9	8.
SEP		7.3			13.1						32.0	52.6	8.
OCT		7.0			15.7						34.2	47.2	8.
NOV		6.4			16.9						25.4	51.3	7.
DEC		17.5			21.5						19.9	42.2	6.
TOTALS		7.4			18.3						26.8	47.6	7.

USAFETAC

FORM
JUL 64

0-9.5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

✓

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station H for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and record available. An annual (ALL MONTHS) value is selected when all months for a year have valid means and standard deviations are computed for months and annual when four or more values are present in any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

- ✓
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
 - b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
 - c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERA

44-44, 69-34 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
7								.4	.4			
8						.1	1.9	1.5				
9						2.5	5.8	1.6				
10					1.4	4.1	15.7	1.1	2.2	.1		
11					1.1	21.0	35.9	15.0	7.5	.5		
12					11.8	37.7	65.8	67.8	25.4	1.2		
13					29.5	57.9	83.9	96.9	67.2	1.1		
14	.8	.1	.3	.7	39.5	67.9	93.9	99.9	91.4	1.3	.1	.3
15	2.9	1.5	2.1	4.1	49.7	84.9	99.9	99.9	91.4	2.9	1.3	1.1
16	11.2	7.1	9.9	17.9	72.1	97.5	100.0	100.0	98.4	47.5	17.9	7.1
17	30.8	23.4	31.5	45.5	61.9	99.9			100.0	77.5	42.5	23.2
18	45.8	32.9	44.6	57.7	87.4	100.0				93.1	62.5	37.8
19	55.7	42.9	54.4	70.5	90.8					98.7	78.5	57.6
20	61.2	51.6	65.1	82.6	99.6					99.5	99.6	61.8
21	68.8	55.0	70.4	92.4	100.0					99.9	99.1	71.7
22	76.4	57.1	83.9	97.3						100.0	99.7	92.0
23	82.6	76.1	92.1	99.3							99.5	91.1
24	83.0	80.6	95.8	100.0							100.0	96.5
25	89.6	93.5	97.9									98.9
26	99.9	99.3	99.6									99.9
27	100.0	99.9	99.9									100.0
28		100.0	100.0									
MEAN	14.3	14.1	19.5	35.5	39.6	47.6	53.0	52.7	46.6	34.2	20.3	14.1
S D	15.347	15.577	13.387	10.100	8.471	6.523	6.553	5.012	5.314	6.625	4.618	4.961
TOTAL OBS	747	674	741	747	736	689	725	754	729	752	748	717

MONTHLY CLIMATOLOGY REPORT
 MONTHLY
 AIRCRAFT SERVICE/NAO
 1211 LAPE ROMAN OF AFB, AR
 STATION STATION NAME

DAILY TEMPERATURE

4-84, 59-84
 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	A
7								.1					
8							.1	.3					
9							.6	1.1					
10						.4	2.3	3.2					
11					.2	3.6	14.5	16.8	2.9	.3			
12	.1				2.2	16.4	52.7	65.6	22.4	.4			
13	.5				18.6	43.5	91.9	94.7	67.1	4.3			
14	1.9	.4	.7	1.9	31.6	75.8	99.7	99.6	86.0	17.4	1.0	.4	
15	1.5	1.3	1.5	3.7	41.6	88.7	99.9	100.0	94.2	28.1	4.5	2.2	
16	5.0	.3	5.7	12.0	60.5	97.4			77.9	46.5	11.4	5.4	
17	23.5	12.9	19.2	28.0	95.1	100.0			99.7	70.5	26.7	13.7	
18	31.2	19.4	29.5	43.1	95.4			100.0		88.0	46.5	25.2	
19	39.1	31.6	37.4	53.4	98.9					96.9	71.2	35.0	
20	47.2	35.4	47.9	65.5	99.7					94.5	84.2	46.4	
21	55.7	46.4	59.2	79.8	99.9					88.9	91.5	59.1	
22	65.4	57.4	72.5	91.4	100.0					100.0	95.8	71.4	
23	75.7	61.0	83.5	97.0							99.5	84.8	
24	86.5	81.2	91.7	99.5							100.0	94.1	
25	96.7	92.2	96.6	100.0								97.9	
26	99.2	97.9	98.6									99.3	
27	100.0	99.9	99.7									100.0	
28		100.0	100.0										
29													
30													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													
41													
42													
43													
44													
45													
46													
47													
48													
49													
50													
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													
81													
82													
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN	8.4	4.1	5.9	15.7	31.1	36.9	45.1	46.0	40.5	25.2	11.5	9.7	
S.D.	15.096	15.164	14.251	11.417	6.941	5.419	4.476	4.445	5.113	7.059	9.051	10.030	17
TOTAL OBS	762	674	745	747	736	689	725	754	729	752	748	717	

NATIONAL METEOROLOGICAL SERVICE
 AIRCRAFT WEATHER SERVICE/AFAC
 STATION NO. 100 CAPE ROMULO, A.S. AM
 STATION NAME

DAILY TEMPERATURE

14-64, 57-64
 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP. °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AN
7								.3					
6							1.1	1.2					
5					.1	.5	4.4	5.1					
4					.4	6.2	15.4	17.7	2.3	.3			
3					2.0	16.5	43.2	45.9	11.9	.5			
2	.3				10.0	40.1	52.5	34.0	44.2	1.3			
1	1.1	.1	.5	.4	17.7	77.8	96.6	99.2	50.5	11.3	.3	.4	
0	3.7	.4	3.2	6.0	54.3	93.5	100.0	100.0	56.3	53.1	5.7	2.9	
-1	15.0	10.8	18.0	24.2	80.8	99.6			99.6	61.4	74.2	11.4	
-2	2.0	2.1	17.3	44.5	73.5	100.0			100.0	54.0	84.4	75.2	
-3	41.7	35.7	24.9	57.9	92.5					90.3	60.4	35.4	
-4	51.6	39.8	51.5	67.7	95.2					98.8	63.4	45.7	
-5	59.7	49.9	63.1	82.9	99.7					99.9	91.0	60.5	
-6	67.5	59.1	75.5	92.8	100.0					100.0	96.5	73.4	
-7	76.2	65.7	85.9	97.9							99.2	83.0	
-8	85.0	77.0	91.9	99.5							100.0	92.9	
-9	95.5	86.0	96.2	100.0								97.4	
-10	99.1	95.3	98.3									99.0	
-11	100.0	99.7	99.7									100.0	1
-12		100.0	100.0										1
MEAN	13.5	12.2	14.4	20.9	35.6	43.5	49.2	49.6	43.7	71.4	72.8	13.5	
SD	14.500	15.332	13.527	17.519	7.444	6.433	5.271	4.809	5.000	6.723	8.609	12.708	17
TOTAL OBS	762	674	745	747	730	689	725	754	729	752	748	717	

GENERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/WHAC

EXTREME VALUE

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION NAME: CAPT ROMAN OF AF, AA

STATION NAME: 64-64, 64-64 YEARS

WOLF CLOVELS FAHRS FLIT

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	A. MON
74		32	33	40	38	54	54*	60*	61	61	61	42*	34	
75		33*	31	34	41	43	51	50	51	54	41	35*	32	
76		40	35	35	43	54	64	71	56	61	47	36*	40	
77		42	48	37	41	51	72	55	73	51*	42*	43*	32	
78		32	38	36*	43*	51*	52*	50						
79				14	32	52	51	50	55	54	52	34	32	
80		41	42	39*	41	50	67	70	64	51	47	40	37	
81		41	23	33	42	54	51	51	54	42	41	35	32	
82		33*	41	44	34	40	57	70	52	51	43	39	33	
83		42	37	35	32	42	56	60	54	52	47	35	40	
84		34	33	32	36									
85									53*	54*	47	25	40	
86		37						55	54	57	45	40*	35	
87		41	33	44	42	55	52	75	53	54	41	35	40	
88		34	34	35	34	44	51	70	73	55	47	35	37	
89		31	35	45	40	51*	65*	59	55	51	42	39	34	
90		39	33	43	45	71	60	75	71	63	72	36	20	
91		22	33	34	34	51	56	67	56	47	44	37	31	
92		32	31	34	41	44	59	64	72	59	45	39	32	
93		41	24	33	37	41	64	69	78	54	44	40	30	
94		33	34	37	40	51	60	63	68	55	72	39	37	
95		44	33	37	38	57	67	66	69	61	55	45	34	
96		33	41	37	39	44	57	70	57	57	47	36	34	
97		34	34	41	41	71	54	71	57	54	40	33	34	
98		34	42	35	34	40	69	61	61	55	40	36	30	
99		31	36	41	33	54	62	64	52	51	45	41	43	
00		33	4	44	44	55	60	70	50	51	40	38		
MEAN		37.7	34.4	37.4	40.5	55.1	62.5	57.4	65.7	56.1	42.1	35.1	35.1	
S D		4.527	4.339	5.121	3.219	7.425	5.698	5.137	5.172	4.504	5.026	2.571	5.253	
TOTAL OBS		76	674	745	747	736	689	723	754	729	752	748	717	

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

AT LEAST ONE DAY LESS THAN 24 OBS

NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/AFAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

STATION 10100 CAMP ROMAN OF AFS AX
 STATION NAME

YEARS 1944 1945 1946

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
4	-12	-23	-14	4	7	34	76	44	31	20	7	-11	
5	-12	-21	-11	-4	24	34	30	23	34	11	6	-17	
6	-12	-21	-22	-3	24	71	60	40	27	13	-4	-11	
7	-12	-16	-5	2	22	34	32	44	23	13	13	-20	
8	-14	-1	1	10	13	41	42						
9			1	-4	22	27	31	35	24	14	1	-14	
10	-21	-12	-2	-3	10	25	35	39	30	10	3	2	
11	-14	-17	-14	-11	20	34	37	39	33	14	-1	-22	
12	-10	2	-2	-3	10	27	41	37	29	14	-1	-6	
13	-11	-5	-4	-1	14	22	35	37	22	14	-4	-3	
14	-11	-22	-26	-11									
15	-14							30	42	13	2	-6	
16	-14						41	40	27	13	10	-1	
17	-21	-23	-24	-1	14	34	37	26	33	24	-1	-24	
18	-13	-11	-13	1	20	24	30	41	29	19	11	-7	
19	-22	-12	-20	1	14	30	39	34	21	14	5	-24	
20	-21	-24	-15	-3	23	31	40	45	37	16	-7	-19	
21	-12	-17	-14	-1	14	27	37	41	21	14	-5	-23	
22	-13	-20	-11	-5	21	30	35	41	34	4	3	-5	
23	-7	-7	-26	-12	14	25	41	44	24	14	-1	-11	
24		-26	-3	3	20	35	41	44	35	14	10	14	
25	4	-3	-17	3	34	34	41	45	22	22	14	-14	
26	-21	-9	-3	3	22	34	34	37	34	25	16	-1	
27	-1	-13	-4	14	27	34	24	34	24	17	1	-24	
28	-14	-4	-4	-7	7	23	40	42	30	11	-2	-2	
29	-14	-7	-7	-4	21	23	42	37	31	11	11	-2	
30	-11	-24	-3	-3	0	32	34	35	34	10	12		
MEAN	-13.1	-15.3	-11.4	-1.8	17.0	21.1	30.3	32.5	21.4	15.6	5.6	-7.4	-1
S.D.	7.373	7.245	6.520	6.363	7.454	6.174	2.671	3.253	3.244	5.232	7.111	7.441	5.2
TOTAL OBS.	762	674	745	747	733	689	723	754	729	752	748	717	5

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

YEARS

STATION	STATION NAME

7-1-4

MON

HOURS ()

USAFETAC
FORM 0-26-5 (OLA)
REVISED PER PLUS EDITIONS OF THIS FORM ARE OBSOLETE
JAN 64

PSYCHROMETRIC SUMM.

STATION	STATION NAME
1	STATION 1
2	STATION 2
3	STATION 3
4	STATION 4
5	STATION 5
6	STATION 6
7	STATION 7
8	STATION 8
9	STATION 9
10	STATION 10
11	STATION 11
12	STATION 12
13	STATION 13
14	STATION 14
15	STATION 15
16	STATION 16
17	STATION 17
18	STATION 18
19	STATION 19
20	STATION 20
21	STATION 21
22	STATION 22
23	STATION 23
24	STATION 24
25	STATION 25
26	STATION 26
27	STATION 27
28	STATION 28
29	STATION 29
30	STATION 30
31	STATION 31
32	STATION 32
33	STATION 33
34	STATION 34
35	STATION 35
36	STATION 36
37	STATION 37
38	STATION 38
39	STATION 39
40	STATION 40
41	STATION 41
42	STATION 42
43	STATION 43
44	STATION 44
45	STATION 45
46	STATION 46
47	STATION 47
48	STATION 48
49	STATION 49
50	STATION 50
51	STATION 51
52	STATION 52
53	STATION 53
54	STATION 54
55	STATION 55
56	STATION 56
57	STATION 57
58	STATION 58
59	STATION 59
60	STATION 60
61	STATION 61
62	STATION 62
63	STATION 63
64	STATION 64
65	STATION 65
66	STATION 66
67	STATION 67
68	STATION 68
69	STATION 69
70	STATION 70
71	STATION 71
72	STATION 72
73	STATION 73
74	STATION 74
75	STATION 75
76	STATION 76
77	STATION 77
78	STATION 78
79	STATION 79
80	STATION 80
81	STATION 81
82	STATION 82
83	STATION 83
84	STATION 84
85	STATION 85
86	STATION 86
87	STATION 87
88	STATION 88
89	STATION 89
90	STATION 90
91	STATION 91
92	STATION 92
93	STATION 93
94	STATION 94
95	STATION 95
96	STATION 96
97	STATION 97
98	STATION 98
99	STATION 99
100	STATION 100

YEARS

MON Y

~~SECRET~~

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

STATION	STATION NAME	YEARS	MONTH
			HOURS (L.S.)

[illegible]

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD A159 611 CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
UNCLASSIFIED USAFETAC/DS-85/023 F/G 4/2

CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
USAFETAC/DS-85/023 F/G 4/2

415

UNCLASSIFIED

F/G 4/2

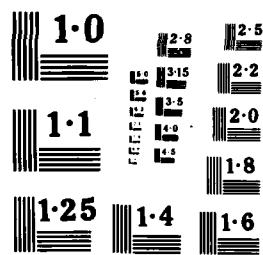
NL

[illegible]



10/1/71

10/1/71



NATIONAL CLIMATE DATA CENTER
 5200 AUTHORITY DRIVE
 ROCKVILLE, MARYLAND 20850

MONTH

[illegible]

JOURNAL OF CLIMATE
 VOLUME 18
 JULY 2005

PSYCHROMETRIC SUMMARY

120	CAPE ROMULO, CT. AFB, AM
STATION	STATION NAME

74-24

YEARS

Jan
MONTH

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

FORM 4-78

USAFETAC

CLIMATE CLIMATOLOGY DATA
 USAFETAC
 AIR FORCE SERVICE, MAC

PSYCHROMETRIC SUMMARY

STATION 100 STATION NAME CAPE CORRAL, ARIZONA YEARS 74-84 MONTH JAN 1980-1980 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
47-47																		1	1		
47-45																		2			
47-43																		3			
47-41																		4			
47-39																		5			
47-37																		6			
47-35																		7			
47-33																		8			
47-31																		9			
47-29																		10			
47-27																		11			
47-25																		12			
47-23																		13			
47-21																		14			
47-19																		15			
47-17																		16			
47-15																		17			
47-13																		18			
47-11																		19			
47-9																		20			
47-7																		21			
47-5																		22			
47-3																		23			
47-1																		24			
47-0																		25			
47-1																		26			
47-2																		27			
47-3																		28			
47-4																		29			
47-5																		30			
47-6																		31			
47-7																		32			
47-8																		33			
47-9																		34			
47-10																		35			
47-11																		36			
47-12																		37			
47-13																		38			
47-14																		39			
47-15																		40			
47-16																		41			
47-17																		42			
47-18																		43			
47-19																		44			
47-20																		45			
47-21																		46			
47-22																		47			
47-23																		48			
47-24																		49			
47-25																		50			
47-26																		51			
47-27																		52			
47-28																		53			
47-29																		54			
47-30																		55			
47-31																		56			
47-32																		57			
47-33																		58			
47-34																		59			
47-35																		60			
47-36																		61			
47-37																		62			
47-38																		63			
47-39																		64			
47-40																		65			
47-41																		66			
47-42																		67			
47-43																		68			
47-44																		69			
47-45																		70			
47-46																		71			
47-47																		72			
47-48																		73			
47-49																		74			
47-50																		75			
47-51																		76			
47-52																		77			
47-53																		78			
47-54																		79			
47-55																		80			
47-56																		81			
47-57																		82			
47-58																		83			
47-59																		84			
47-60																		85			
47-61																		86			
47-62																		87			
47-63																		88			
47-64																		89			
47-65																		90			
47-66																		91			
47-67																		92			
47-68																		93			
47-69																		94			
47-70																		95			
47-71																		96			
47-72																		97			
47-73																		98			
47-74																		99			
47-75																		100			
47-76																		101			
47-77																		102			
47-78																		103			
47-79																		104			
47-80																		105			
47-81																		106			
47-82																		107			
47-83																		108			
47-84												</									

10

PSYCHROMETRIC SUMMARY

7 - 24

YEARS

MONTH

19-11
HOURS (L. S. T.)

[illegible]

0.26-5 (OLA)

USAFETAC

1. GENERAL CLIMATE
 2. CLIMATE
 3. CLIMATE

7-54

YEARS

MONTH

12-14-
HOURS (L. S. T.)

[illegible]

3

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFM

PSYCHROMETRIC SUMMARY

100 CAPE ROMANO, OF AR, AM
STATION STATION NAME

7-84

YEARS

MONTH

1981-1984
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		> 31	Dry Bulb	Wet Bulb	Dew Point			
1-27																								
1-28																								
1-33																								
1-37																								
1-39																								
1-41																								
1-44																								
TOTAL	11	5	5	1	2	2	3											501		601				
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	42500.7		51351		79.4		12.613		651		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total	
Dry Bulb	516547		11421		17.2		12.484		651		14.4		24.4										7	
Wet Bulb	25402		10502		10.7		13.142		651		15.4		57.7										7	
Dew Point	25402		7119		12.1		15.734		651		2.4		71.7										7	

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
FORM 0-26-5 (OLA)
JUL 64

ALGAL BIOLOGY AND CHEMISTRY
JOURNAL OF THE ALGAL SOCIETY OF AMERICA
PUBLISHED BY THE ALGAL SOCIETY OF AMERICA

MONTH

FORM 0-26-5 (OL A)

USAFETAC

[illegible]

1. GENERAL INFORMATION
2. DESCRIPTION
3. REMARKS

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH

1-1-17
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

U.S. AIR FORCE
OFFICE OF THE
AIR FORCE ATTORNEY GENERAL

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
		7-84	JUL

1.00-2.00
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
73																			4	4	1			
72		1.8																	1	2	4			
71		2.1																	2	3	4			
70		2.1	1.1																2	4	5			
69		2.4	1.4	1.2															4	4	7			
68		2.6																	5	4	5			
67		2.9																	5	3	4			
66		3.2																	6	3	3			
65		3.5																	7	3	2			
64		3.8																	8	2	2			
63		4.1																	9	2	1			
62		4.4																	10	2	0			
61		4.7																	11	1	1			
60		5.0																	12	1	0			
59		5.3																	13	0	0			
58		5.6																	14	0	0			
57		5.9																	15	0	0			
56		6.2																	16	0	0			
55		6.5																	17	0	0			
54		6.8																	18	0	0			
53		7.1																	19	0	0			
52		7.4																	20	0	0			
51		7.7																	21	0	0			
50		8.0																	22	0	0			
49		8.3																	23	0	0			
48		8.6																	24	0	0			
47		8.9																	25	0	0			
46		9.2																	26	0	0			
45		9.5																	27	0	0			
44		9.8																	28	0	0			
43		10.1																	29	0	0			
42		10.4																	30	0	0			
41																								
40																								
39																								
38																								
37																								
36																								
35																								
34																								
33																								
32																								
31																								
30																								
29																								
28																								
27																								
26																								
25																								
24																								
23																								
22																								
21																								
20																								
19																								
18																								
17																								
16																								
15																								
14																								
13																								
12																								
11																								
10																								
9																								
8																								
7																								
6																								
5																								
4																								
3																								
2																								
1																								
0																								
-1																								
-2																								
-3																								
-4																								
-5																								
-6																								
-7																								
-8																								
-9																								
-10																								
-11																								
-12																								
-13																								
-14																								
-15																								
-16																								
-17																								
-18																								
-19																								
-20																								
-21																								
-22																								
-23																								
-24																								
-25																								
-26																								
-27																								
-28																								
-29																								
-30																								
-31																								
-32																								
-33																								
-34																								
-35																								
-36																								
-37																								
-38																								
-39																								
-40																								
-41																								
-42																								
-43																								
-44																								
-45																								
-46																								
-47																								
-48																								
-49																								
-50																								
-51				</																				

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
12	LAKE OMAHA, NE	7-184	4

MOUSE 1 5 T 1

[illegible]

FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLA)

YEARS

STATION

STATION NAME

7 - 24

MONTH

1 - 2 - 3
HOURS | L | S | T |

[illegible]

FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

3

PSYCHROMETRIC SUMMARY

STAT ON

STATION NAME

YEARS

MONTH

HOURS 11 5 11

[illegible]

USAFETAC
FORM 0-26.5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

STATION	STATION NAME	YEARS	MONTH
			HOURS (L.S.T.)

[illegible]

USAFETAC FORM 026.5 (OL A) RE-STATEMENT OF WORKS OF THIS PROGRAM CONTRACT

7

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
		1964	1

HOURS (L. S.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.265 (OL A)

224

100

• •

AC

13

AF

str

U. S. CLIMATE SERVICE
CLIMATE
CLIMATE SERVICE

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

7. $\sim A \vee B$

YEARS

MONTH

15-0-17
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC

3

U.S. AIR FORCE CLIMATE DIVISION
 WASHINGTON, D.C.
 AIR FORCE SERVICE CENTER

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

7-54

YEARS

MONTH

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
7-1																								
7-2																								
7-3																								
7-4																								
7-5																								
7-6																								
7-7																								
7-8																								
7-9																								
7-10																								
7-11																								
7-12																								
7-13																								
7-14																								
7-15																								
7-16																								
7-17																								
7-18																								
7-19																								
7-20																								
7-21																								
7-22																								
7-23																								
7-24																								
7-25																								
7-26																								
7-27																								
7-28																								
7-29																								
7-30																								
7-31																								
7-32																								
7-33																								
7-34																								
7-35																								
7-36																								
7-37																								
7-38																								
7-39																								
7-40																								
7-41																								
7-42																								
7-43																								
7-44																								
7-45																								
7-46																								
7-47																								
7-48																								
7-49																								
7-50																								
7-51																								
7-52																								
7-53																								
7-54																								
7-55																								
7-56																								
7-57																								
7-58																								
7-59																								
7-60																								
7-61																								
7-62																								
7-63																								
7-64																								
7-65																								
7-66																								
7-67																								
7-68																								
7-69																								
7-70																								
7-71																								
7-72																								
7-73																								
7-74																								
7-75																								
7-76																								
7-77																								
7-78																								
7-79																								
7-80																								
7-81																								
7-82																								
7-83																								
7-84																								
7-85																								
7-86																								
7-87																								
7-88																								
7-89																								
7-90																								
7-91																								
7-92																								
7-93																								
7-94																								
7-95																								
7-96																								
7-97																								
7-98																								
7-99																								
7-100																								

Element (X)	Σx^2	Σx	$\bar{x}$	s^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3501.40	434.6	73.03	3.37	5.3							
Dry Bulb	117	4.4	11.25	2.4	5.3	26.2	7.5					
Wet Bulb	117	4.4	11.25	2.4	5.3	27.4	17.1					
Dew Point	117	4.4	11.25	2.4	5.3	30.1	11.1					

USAFETAC FORM 0265 (OL A) 85-10 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY IN AFRICA
GENERAL
AGRICULTURAL SERVICES

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
100	100

7. - 244

YEARS

MONTH

1. 1. 2. 4.

HOURS (L.S.T.)

[illegible]

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

3

JOINT CLIMATE CENTER
METAR
AIR WEATHER SERVICE/MAJ

PSYCHROMETRIC SUMMARY

STATION NAME
CAPE JOHNS OF ALA

75-84

YEARS

MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point					
1-1																									
1-11																									
1-13																									
1-17																									
1-18																									
1-19																									
1-20																									
1-21																									
1-22																									
1-23																									
1-24																									
1-25																									
1-26																									
1-27																									
1-28																									
1-29																									
1-30																									
1-31																									
1-32																									
1-33																									
1-34																									
1-35																									
1-36																									
1-37																									
1-38																									
1-39																									
1-40																									
1-41																									
1-42																									
1-43																									
1-44																									
1-45																									
1-46																									
1-47																									
1-48																									
1-49																									
1-50																									
1-51																									
1-52																									
1-53																									
1-54																									
1-55																									
1-56																									
1-57																									
1-58																									
1-59																									
1-60																									
1-61																									
1-62																									
1-63																									
1-64																									
1-65																									
1-66																									
1-67																									
1-68																									
1-69																									
1-70																									
1-71																									
1-72																									
1-73																									
1-74																									
1-75																									
1-76																									
1-77																									
1-78																									
1-79																									
1-80																									
1-81																									
1-82																									
1-83																									
1-84																									
1-85																									
1-86																									
1-87																									
1-88																									
1-89																									
1-90																									
1-91																									
1-92																									
1-93																									
1-94																									
1-95																									
1-96																									
1-97																									
1-98																									
1-99																									
1-100																									

Element (X)	Σx^2	Σx	$\bar{x}$	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
						$\geq 0^\circ \text{F}$	$\geq 32^\circ \text{F}$	$\geq 67^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	
Rel. Hum.	736.451	437.65	74.13	2.86	517							
Dry Bulb	613.2	44.2	10.25	0.74	523	27.2	77.2					4
Wet Bulb	1596.1	55.7	11.11	5.14	557	28.2	73.3					4
Dew Point	111.54	11.3	4.37	5.62	527	10.2	81.7					4

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

MILITARY CLIMATOLOGY - AERONAUTICS
RESEARCH
IN TESTS & SERVICE DATA

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

7 - 44

YEARS

MONTH

— — — — —

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATE POLICY BRANCH
CLIMATE ACTION
CLIMATE ACTION SERVICE BRANCH

PSYCHROMETRIC SUMMARY

STATION 1st APR 20 11 05 AFD AR STATION NAME

ختم-۷۲

YEARS

MONTH

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1-27																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

3

ANNUAL CLIMATOLOGY
 STATION
 STATION NAME

PSYCHROMETRIC SUMMARY

STATION NAME
 STATION NAME

7-64

YEARS

MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
1 / 41																				
1 / 37																				
1 / 33																				
1 / 29																				
3 / 25	1.9	2.2	.7																	
1 / 31	2.7	4.1	.5																	
1 / 27	.7	2.9	.5																	
1 / 23	.5	2.1	.3																	
1 / 19		1.5																		
1 / 15	.3	2.4																		
1 / 11	1.5	2.7	.2																	
1 / 7	3.4	3.4	1.5																	
1 / 3	.5	.7	1.5																	
1 / 1	.5	3.4	1.5																	
1 / 1	.5	2.4																		
1 / 1	.3	2.6	.3																	
1 / 1	.5	2.1	.5																	
1 / 1	.5	2.2																		
1 / 1	1.2	2.4																		
1 / 1	1.7	1.5																		
1 / 1	1.7	2.2																		
1 / 1	.5	1.5																		
1 / 1	4.1	.5																		
1 / 1	2.5																			
1 / 1	4.5																			
1 / 1	5.5																			
1 / 1	5.5																			
1 / 1	5.5																			
1 / -11	2.4																			
1 / -13	1.9																			
1 / -15	.5																			
1 / -17	.5																			
1 / -19	2.5																			
1 / -21	.2																			
1 / -23	.5																			
1 / -25	.5																			
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total		
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5

PSYCHROMETRIC SUMMARY

YEARS

F
MONTH

3.01 = 3.0
HOURS (L. S. T.)

[illegible]

3

U.S. AIR FORCE CLIMATE BRANCH
 FORM 0-26.5 (O.L.A.)
 1-1-64

PSYCHROMETRIC SUMMARY

STATION NAME
 STATION NAME

7-54

YEARS

MONTH

1970-1971
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point											
57-31																			1	1											
57-32																			1	1											
57-33																			1	1											
57-34																			1	1											
57-35																			1	1											
57-36																			1	1											
57-37																			1	1											
57-38																			1	1											
57-39																			1	1											
57-40																			1	1											
57-41																			1	1											
57-42																			1	1											
57-43																			1	1											
57-44																			1	1											
57-45																			1	1											
57-46																			1	1											
57-47																			1	1											
57-48																			1	1											
57-49																			1	1											
57-50																			1	1											
57-51																			1	1											
57-52																			1	1											
57-53																			1	1											
57-54																			1	1											
57-55																			1	1											
57-56																			1	1											
57-57																			1	1											
57-58																			1	1											
57-59																			1	1											
57-60																			1	1											
57-61																			1	1											
57-62																			1	1											
57-63																			1	1											
57-64																			1	1											
57-65																			1	1											
57-66																			1	1											
57-67																			1	1											
57-68																			1	1											
57-69																			1	1											
57-70																			1	1											
57-71																			1	1											
57-72																			1	1											
57-73																			1	1											
57-74																			1	1											
57-75																			1	1											
57-76																			1	1											
57-77																			1	1											
57-78																			1	1											
57-79																			1	1											
57-80																			1	1											
57-81																			1	1											
57-82																			1	1											
57-83																			1	1											
57-84																			1	1											
57-85																			1	1											
57-86																			1	1											
57-87																			1	1											
57-88																			1	1											
57-89																			1	1											
57-90																			1	1											
57-91																			1	1											
57-92																			1	1											
57-93																			1	1											
57-94																			1	1											
57-95																			1	1											
57-96																			1	1											
57-97																			1	1											
57-98																			1	1											
57-99																			1	1											
57-100																			1	1											
57-101																			1	1											
57-102																			1	1											
57-103																			1	1											
57-104																			1	1											
57-105																			1	1											
57-106																			1	1											
57-107																			1	1											
57-108																			1	1											
57-109																			1	1											
57-110																			1	1											
57-111																			1	1											
57-112																			1	1											
57-113																			1	1											
57-114																			1	1											
57-115																			1	1											
57-116																			1	1											
57-117																			1	1											
57-118																			1	1											
57-119																			1	1											
57-120																			1	1											
57-121																			1	1											
57-122																			1	1											
57-123																			1	1											
57-124																			1	1											
57-125																			1	1											
57-126																			1	1											
57-127																			1	1											
57-128																			1	1											
57-129																			1	1											
57-130																			1	1											
57-131																			1	1											
57-132																			1	1											
57-133																			1	1											
57-134																			1	1											
57-135																			1	1											
57-136																															

1. GENERAL CLIMATOLOGY - SAISON
 2. CLIMAT
 3. ANNUATED SERVICE - 1944

PSYCHROMETRIC SUMMARY

STATION	CASE NUMBER OF AFD AX
STATION NAME	

7-24

YEARS

1961
MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1	2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
REL	4.4	4.5	5.0																	5.6		5.6	5.6	

1. CLIMATE CLIMATOLOGY 14.00
 2. CLIMATE 14.00
 3. CLIMATE 14.00

72-34

YEARS

MONTH

41
HOURS (L. S. T.)

FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

YEARS _____ MONTH _____
HOURS (U. S. T.) _____

STATION	STATION NAME
1	1000
2	1000
3	1000
4	1000
5	1000
6	1000
7	1000
8	1000
9	1000
10	1000
11	1000
12	1000
13	1000
14	1000
15	1000
16	1000
17	1000
18	1000
19	1000
20	1000
21	1000
22	1000
23	1000
24	1000
25	1000
26	1000
27	1000
28	1000
29	1000
30	1000
31	1000
32	1000
33	1000
34	1000
35	1000
36	1000
37	1000
38	1000
39	1000
40	1000
41	1000
42	1000
43	1000
44	1000
45	1000
46	1000
47	1000
48	1000
49	1000
50	1000
51	1000
52	1000
53	1000
54	1000
55	1000
56	1000
57	1000
58	1000
59	1000
60	1000
61	1000
62	1000
63	1000
64	1000
65	1000
66	1000
67	1000
68	1000
69	1000
70	1000
71	1000
72	1000
73	1000
74	1000
75	1000
76	1000
77	1000
78	1000
79	1000
80	1000
81	1000
82	1000
83	1000
84	1000
85	1000
86	1000
87	1000
88	1000
89	1000
90	1000
91	1000
92	1000
93	1000
94	1000
95	1000
96	1000
97	1000
98	1000
99	1000
100	1000

7. - - 4

YEARS

MONTH

MONTH

and

HOURS 11 5 7

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

U.S. DEPARTMENT OF COMMERCE
BUREAU OF ECONOMIC ANALYSIS
WASHINGTON, D. C. 20540

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
143	APR 10 1961

7 : - : 4

YEARS

1
MONTH

11:15
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

MONTH

11-27
HOURS (L. S. T.)

[illegible]

FORM 0-26.5 (OL A)

USAFETAC

1. ALPHABETICALLY INDEXED
 2. ALPHABETICALLY INDEXED
 3. ALPHABETICALLY INDEXED

PSYCHROMETRIC SUMMARY

112	APL 124510 APL AR
STATION	STATION NAME

12-24

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

GENERAL CLIMATOLOGY - RANCH
 1. 1914
 2. 1915 - 1916

7-54

YEARS

MONTH

64,000

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

74-24

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
HOURS (L. S. T.) _____

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-11-2010 BY 60322/UC/BAW

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

75-54

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETYAC

YEARS.

121	APR 4 1964
STATION	STATION NAME

7. - 44

MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
71	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	71	71	71
72	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	72	72	72
73	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	73	73	73
74	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74	74	74
75	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	75	75	75
76	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	76	76	76
77	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	77	77	77
78	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	78	78	78
79	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	79	79	79
80	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	80	80	80
81	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	81	81	81
82	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	82	82	82
83	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	83	83	83
84	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	84	84	84
85	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	85	85	85
86	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	86	86	86
87	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	87	87	87
88	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	88	88	88
89	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	89	89	89
90	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	90	90	90
91	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	91	91	91
92	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	92	92	92
93	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	93	93	93
94	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	94	94	94
95	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	95	95	95
96	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	96	96	96
97	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	97	97	97
98	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	98	98	98
99	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	99	99	99
100	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	100	100	100

Element (X)	Σ X'	Σ X	X	°X	No. Obs.	Mean No. of Hours with Temperature						Total
	° F	° 32 F	° 67 F	° 73 F		° 80 F	° 93 F					
Rel. Hum.	21.024	451.1	75.4	12.731	451	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	34.572	137.1	27.6	11.34	451	1.1	85.8					
Wet Bulb	30.670	121.9	18.2	9.49	451	6.4	89.7					
Dew Point	23.154	66.4	17.2	13.37	451	18.4	80.5					

REVISED PREVIOUS EDITIONS OF THIS WORK ARE OBSOLETE

0.26-5 (OL A)

USAFETAC

U. S. AIR FORCE - AIR FORCE
OFFICE
AIR FORCE - AIR FORCE

PSYCHROMETRIC SUMMARY

- 1 -	
<u>STATION</u>	<u>STATION NAME</u>

7. -44

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

FORM
JULY 64
0-26-5 (CL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

1	DATE	7-31	MONTH
STATION	STATION NAME	YEARS	HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
95	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
90	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
85	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
80	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
75	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
70	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
65	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
60	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
55	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
45	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
40	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
35	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
30	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					

Element (X)	Σ X'	Σ X	$\bar{X}$	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel Hum.	12.44	5.00	7.22	12.76	651	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	14.47	1.00	18.47	1.50	651	7.8	2.5					
Wet Bulb	1.17	1.00	11.17	1.15	651	7.7	34.1					
Dew Point	10.43	1.00	11.43	13.00	651	14.6	32.3					

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH

HOURS (L. S. T.)

[illegible]

FORM
JUL 04
0-265 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

4

PSYCHROMETRIC SUMMARY

STAY 2M

STATION NAME

70 - 23 14

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

1. *Aluminum* (Al) is a soft, silvery metal that is highly ductile and malleable. It is the most abundant metal in the Earth's crust and is used in a wide variety of applications, including packaging, construction, and transportation.

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH

HOURS 11.5.7.

[illegible]

SECRET

PSYCHROMETRIC SUMMARY

STAT 300

STATION NAME

YEARS

MONTH

11 HOURS 10. S. T.

[illegible]

1. THE STATE OF TEXAS, County of EL PASO, do hereby certify that
 the within and foregoing is a true and correct copy of the original
 of the same as the same appears from the records of the County Clerk
 of said County.

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH

HOURS (L, S, T)

[illegible]

RECEIVED

PSYCHROMETRIC SUMMARY

STATION	STATION NAME

7-54

YEARS

MONTH

1. 2-10
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OLA)

WOMEN

USAFETAC

1

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS SYSTEM ARE OBSOLETE

D.265 (OLA)

1000

USAFETAC

STATION

STATION NAME

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0 26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

✓

MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

<u>STATION</u>	<u>STATION NAME</u>
121	CASEY COMMAND OF AFB 20

7.4-254

YEARS

4 - ..
MONTH

HOURS (L.S.T.)

USAFETAC FORM 0-26-5 (OLA)
MAY 64 RE-vised PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOURNAL OF LINGUISTICS 18: 383-398
 Cambridge University Press 1982
 Printed in Great Britain

PSYCHROMETRIC SUMMARY

STATION 1001 STATION NAME 1001

YEARS

MONT

NOV 5 11 57

[illegible]0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 990-BL

USAFETAC

1. AL CLIMATELOGY BOARD
2. TAC
3. WEATHER SERVICE/441

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
1	1000 1000 1000 1000
2	1000 1000 1000 1000
3	1000 1000 1000 1000
4	1000 1000 1000 1000
5	1000 1000 1000 1000
6	1000 1000 1000 1000
7	1000 1000 1000 1000
8	1000 1000 1000 1000
9	1000 1000 1000 1000
10	1000 1000 1000 1000
11	1000 1000 1000 1000
12	1000 1000 1000 1000
13	1000 1000 1000 1000
14	1000 1000 1000 1000
15	1000 1000 1000 1000
16	1000 1000 1000 1000
17	1000 1000 1000 1000
18	1000 1000 1000 1000
19	1000 1000 1000 1000
20	1000 1000 1000 1000
21	1000 1000 1000 1000
22	1000 1000 1000 1000
23	1000 1000 1000 1000
24	1000 1000 1000 1000
25	1000 1000 1000 1000
26	1000 1000 1000 1000
27	1000 1000 1000 1000
28	1000 1000 1000 1000
29	1000 1000 1000 1000
30	1000 1000 1000 1000
31	1000 1000 1000 1000
32	1000 1000 1000 1000
33	1000 1000 1000 1000
34	1000 1000 1000 1000
35	1000 1000 1000 1000
36	1000 1000 1000 1000
37	1000 1000 1000 1000
38	1000 1000 1000 1000
39	1000 1000 1000 1000
40	1000 1000 1000 1000
41	1000 1000 1000 1000
42	1000 1000 1000 1000
43	1000 1000 1000 1000
44	1000 1000 1000 1000
45	1000 1000 1000 1000
46	1000 1000 1000 1000
47	1000 1000 1000 1000
48	1000 1000 1000 1000
49	1000 1000 1000 1000
50	1000 1000 1000 1000
51	1000 1000 1000 1000
52	1000 1000 1000 1000
53	1000 1000 1000 1000
54	1000 1000 1000 1000
55	1000 1000 1000 1000
56	1000 1000 1000 1000
57	1000 1000 1000 1000
58	1000 1000 1000 1000
59	1000 1000 1000 1000
60	1000 1000 1000 1000
61	1000 1000 1000 1000
62	1000 1000 1000 1000
63	1000 1000 1000 1000
64	1000 1000 1000 1000
65	1000 1000 1000 1000
66	1000 1000 1000 1000
67	1000 1000 1000 1000
68	1000 1000 1000 1000
69	1000 1000 1000 1000
70	1000 1000 1000 1000
71	1000 1000 1000 1000
72	1000 1000 1000 1000
73	1000 1000 1000 1000
74	1000 1000 1000 1000
75	1000 1000 1000 1000
76	1000 1000 1000 1000
77	1000 1000 1000 1000
78	1000 1000 1000 1000
79	1000 1000 1000 1000
80	1000 1000 1000 1000
81	1000 1000 1000 1000
82	1000 1000 1000 1000
83	1000 1000 1000 1000
84	1000 1000 1000 1000
85	1000 1000 1000 1000
86	1000 1000 1000 1000
87	1000 1000 1000 1000
88	1000 1000 1000 1000
89	1000 1000 1000 1000
90	1000 1000 1000 1000
91	1000 1000 1000 1000
92	1000 1000 1000 1000
93	1000 1000 1000 1000
94	1000 1000 1000 1000
95	1000 1000 1000 1000
96	1000 1000 1000 1000
97	1000 1000 1000 1000
98	1000 1000 1000 1000
99	1000 1000 1000 1000
100	1000 1000 1000 1000

7 - 4

YEARS

MONTH

1

444

HOURS (L. S. T.)

[illegible]



AL AL CLIMATELOGY BRANCH
AL AL CLIMATELOGY BRANCH
AL AL CLIMATELOGY BRANCH

PSYCHROMETRIC SUMMARY

1.12 STATION CAPE ROMAN OF AFS AR STATION NAME

7-24

YEARS

29
MONTH

HOURS (L. S. T.)

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-11-2010 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
1.1	LAKE LOUIS, OH 27 AM

7 - 54

YEARS

“A...

MONTH

1541

91-2-3

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
/ -1			.																					
/ -3			.																					
/ -5			.																					
/ -7		1.7	.																					
/ -9		4.8	1.7																					
/ -11	2.	17.4	.	.														1:1	111	77	1			
/ -13	3.7	4.7	.	.																				
/ -15	1.1	3.7	.	.																				
/ -17	.	1.7	.	.																				
/ -19	5.8	1.7	.	.																				
/ -21	1.1	4.7	.	.																				
/ -23	.	3.7	.	.																				
/ -25	.	3.1	.	.																				
/ -27	.	2.7	.	.																				
/ -29	1.7	4.7	.	.																				
/ -31	1.7	4.1	.	.																				
/ -33	.	3.7	.	.																				
/ -35	.	4.7	.	.																				
/ -37	1.1	3.7	.	.																				
/ -39	1.4	1.1	.	.																				
/ -41	.	.	.	.																				
/ -43	.	.	.	.																				
/ -45	.	.	.	.																				
/ -47	.	.	.	.																				
/ -49	.	.	.	.																				
/ -51	.	.	.	.																				
/ -53	.	.	.	.																				
/ -55	.	.	.	.																				
/ -57	.	.	.	.																				
/ -59	.	.	.	.																				
/ -61	.	.	.	.																				
/ -63	.	.	.	.																				
/ -65	.	.	.	.																				
/ -67	.	.	.	.																				
/ -69	.	.	.	.																				
/ -71	.	.	.	.																				
/ -73	.	.	.	.																				
/ -75	.	.	.	.																				
/ -77	.	.	.	.																				
/ -79	.	.	.	.																				
/ -81	.	.	.	.																				
/ -83	.	.	.	.																				
/ -85	.	.	.	.																				
/ -87	.	.	.	.																				
/ -89	.	.	.	.																				
/ -91	.	.	.	.																				
/ -93	.	.	.	.																				
/ -95	.	.	.	.																				
/ -97	.	.	.	.																				
/ -99	.	.	.	.																				
/ -101	.	.	.	.																				
/ -103	.	.	.	.																				
/ -105	.	.	.	.																				
/ -107	.	.	.	.																				
/ -109	.	.	.	.																				
/ -111	.	.	.	.																				
/ -113	.	.	.	.																				
/ -115	.	.	.	.																				
/ -117	.	.	.	.																				
/ -119	.	.	.	.																				
/ -121	.	.	.	.																				
/ -123	.	.	.	.																				
/ -125	.	.	.	.																				
/ -127	.	.	.	.																				
/ -129	.	.	.	.																				
/ -131	.	.	.	.																				
/ -133	.	.	.	.																				
/ -135	.	.	.	.																				
/ -137	.	.	.	.																				
/ -139	.	.	.	.																				
/ -141	.	.	.	.																				
/ -143	.	.	.	.																				
/ -145	.	.	.	.																				
/ -147	.	.	.	.																				
/ -149	.	.	.	.																				
/ -151	.	.	.	.																				
/ -153	.	.	.	.																				
/ -155	.	.	.	.																				
/ -157	.	.	.	.																				
/ -159	.	.	.	.																				
/ -161	.	.	.	.																				
/ -163	.	.	.	.																				
/ -165	.	.	.	.																				
/ -167	.	.	.	.																				
/ -169	.	.	.	.																				
/ -171	.	.	.	.																				
/ -173	.	.	.	.																				
/ -175	.	.	.	.																				
/ -177	.	.	.	.																				
/ -179	.	.	.	.																				
/ -181	.	.	.	.																				
/ -183	.	.	.	.																				
/ -185	.	.	.	.																				
/ -187	.	.	.	.																				
/ -189	.	.	.	.																				
/ -191	.	.	.	.																				
/ -193	.	.	.	.																				
/ -195	.	.	.	.																				
/ -197	.	.	.	.																				
/ -199	.	.	.	.																				
/ -201	.	.	.	.																				
/ -203	.	.	.	.																				
/ -205	.	.	.	.																				
/ -207	.	.	.	.																				
/ -209	.	.	.	.																				
/ -211	.	.	.	.																				
/ -213	.	.	.	.																				
/ -215	.	.	.	.																				
/ -217	.	.	.	.																				
/ -219	.	.	.	.																				
/ -221	.	.	.	.																				
/ -223	.	.	.	.																				
/ -225	.	.	.	.																				
/ -227	.	.	.	.																				
/ -229	.	.	.	.																				
/ -231	.	.	.	.																				
/ -233	.	.	.	.																				
/ -235	.	.	.	.																				
/ -237	.	.	.	.																				
/ -239	.	.	.	.																				
/ -241	.	.	.	.																				
/ -243	.	.	.	.																				
/ -245	.	.	.	.																				
/ -247	.	.	.	.																				
/ -249	.	.	.	.																				

REVISED PREVIOUS EDITIONS OF THIS ITEM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC

GENERAL CLIMATELOGY BRANCH
JANUARY
1951

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
1	1

7. - 44

YEARS

MONTH

120-500
HOURS (L.S.T.)

[illegible]

—

GENERAL CLIMATE FOR 1940
 1. PRECIPITATION
 2. WINDS
 3. TEMPERATURE

PSYCHROMETRIC SUMMARY

STATION CAPT JAMES OF APL AR STATION NAME

7-54

YEARS

MONTH

16.17
HOURS (L. S.)

[illegible]

45

PSYCHROMETRIC SUMMA

STATION

STATION NAME

STATION NAME

1-54

YEARS

MONTH

[illegible]

✓

2. - 2.4

YEARS

MONTH

HOURS 11.5.7.

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REPLACES PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

PSYCHROMETRIC SUMMAR

STATION NAME

7-24

YEARS

MONTH

HOURS (L, S, T)

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-06-2001 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
101	101

7. - 14

YEARS

MONTH

HOURS (L. S. T.)

[illegible]0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME

75-1000

YEARS

MONTH

HOURS 11. 5. T.1

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

1

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
100	100	100	100

2-11
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1	.8	.4	.4	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		

Element (X)	Σx^2	Σx	$\bar{x}$	s^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	423.1	515.3	79.12	12.661	65	$\leq 0^\circ F$	$\leq 32^\circ F$	$\geq 67^\circ F$	$\geq 73^\circ F$	$\geq 80^\circ F$	$\geq 93^\circ F$	Total
Dry Bulb	642.2	417.4	64.1	19.461	65		3.67	1.1				
Wet Bulb	377.2	225.4	34.7	7.248	65		3.2					
Dew Point	543.6	321.4	31.1	7.921	65		3.1					

0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

YEARS

7 - 24

MONTH

1.0-16
HOURS (L.S.T.)

USAFETAC

ALPHABETICALLY BY BRANCH
DATE
CLASSIFICATION SERVICE/MAF

7. - 24

YEARS

MONTH

3 1 1 7
HOURS (L. S. T.)

[illegible]

✓

<u>STATION</u>	<u>STATION NAME</u>	<u>YEARS</u>	<u>MONTH</u>
			<u>HOURS (L. S. T.)</u>

[illegible]USAFETAC
FORM
JAN 04
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637

PSYCHROMETRIC SUMMARY

STATION 16 DATE 10-1-26 ASS AM 7-24 YEARS 24 MONTH

HOURS (L. S. T.)

[illegible]

3

STATION	STATION NAME	YEARS	MONTH

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS (L. S. F.)

[illegible]

FORUM
JUL 04
0.265 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

STATION	STATION NAME	YEARS	MONTH
			1947
			HOURS (L. S. T.)

[illegible]

3

USAFETAC
FORM
JUL 64
0-26 5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

STATION 12 STATION NAME 12 YEARS 7-4 MONTH 5
 HOURS 11

[illegible]

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
1.	

7 - 4

YEARS

MONTH

HOURS 11 5 7

[illegible]

PSYCHROMETRIC SUMMARY

$$7 \div 2 = 4$$

YEARS

MONTH

HOURS (L. S. T.)

0 26 5 (OL A) 88-162 PERMANENT EDITIONS OF THIS FIRM ARE OBLIGATE

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
123	CAPE TOWN, OF 31 43	71-78	31

HOURS L. S. T.

[illegible]

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
HOURS (L. S. Y.) _____

[illegible]

5

PSYCHROMETRIC SUMMARY

STATION	STATION NAME

70 - 26

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

11-11-61

USAFETAC

USAFETAC



✓

7 - 64

YEARS

MONTH

1-1-77
HOURS (L.S.T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OL A)

USAFETAC

AL CHEMISTRY, INC.
10000
10000

PSYCHROMETRIC SUMMARY

STATION	STATION NAME

7-5-6

YEARS

MONTH

12-14
HOURS (L. S. T.)

[illegible]

JOURNAL OF CLIMATE, Vol. 17
CLIMATE
CLIMATE AND SOCIETY

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
<u>1.</u>	<u>STATE UNIVERSITY OF NEW YORK</u>	<u>7-64</u>	<u>11</u>

2-2-11
HOURS (L.S.T.)

[illegible]

DATE OF BIRTH: 1940-01-01

PSYCHROMETRIC SUMMARY

STATION	STATION NAME

7-2-5

YEARS

MONTH

HOURS 11, 5, 7.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew P				
70																								
71																								
72																								
73																								
74																								
75																								
76																								
77																								
78																								
79																								
80																								
81																								
82																								
83																								
84																								
85																								
86																								
87																								
88																								
89																								
90																								
91																								
92																								
93																								
94																								
95																								
96																								
97																								
98																								
99																								
100																								
TOTAL	11.75	5.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5				

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4.57	2.11	4.4	12.5	13							
Dry Bulb	1.11	7.71	43.4	8.74	13							
Wet Bulb	1.58	7.76	41.4	4.98	13							
Dew Point	7.67	47.3	36.7	4.85	13							

STATION	STATION NAME	YEARS	MONTH

[illegible]

PSYCHROMETRIC SUMMAI

STATION	STATION NAME	YEARS	MONTH
1	2	7 - 14	5 - 6

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

[illegible]

DIRECTOR, FBI
 SAC, NEW YORK
 SAC, NEW YORK

PSYCHROMETRIC SUMMARY

STATION 405 2000 405 2000 STATION NAME 7-4 YEARS 11 MONTH 11

ALL
HOURS (L. S.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew													
70				.1	.1	.1												1	11															
71				.1	.1	.1												1	11															
72				.1	.1	.1												1	11															
73			.1	.1	.1	.1												1	11															
74			.1	.1	.1	.1												1	11															
75			.1	.1	.1	.1												1	11															
76			.1	.1	.1	.1												1	11															
77			.1	.1	.1	.1												1	11															
78			.1	.1	.1	.1												1	11															
79			.1	.1	.1	.1												1	11															
80			.1	.1	.1	.1												1	11															
81			.1	.1	.1	.1												1	11															
82			.1	.1	.1	.1												1	11															
83			.1	.1	.1	.1												1	11															
84			.1	.1	.1	.1												1	11															
85			.1	.1	.1	.1												1	11															
86			.1	.1	.1	.1												1	11															
87			.1	.1	.1	.1												1	11															
88			.1	.1	.1	.1												1	11															
89			.1	.1	.1	.1												1	11															
90			.1	.1	.1	.1												1	11															
91			.1	.1	.1	.1												1	11															
92			.1	.1	.1	.1												1	11															
93			.1	.1	.1	.1												1	11															
94			.1	.1	.1	.1												1	11															
95			.1	.1	.1	.1												1	11															
96			.1	.1	.1	.1												1	11															
97			.1	.1	.1	.1												1	11															
98			.1	.1	.1	.1												1	11															
99			.1	.1	.1	.1												1	11															
100			.1	.1	.1	.1												1	11															

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1211.574	44.521	36.1	2.291	5205	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	12764.21	256365	49.2	2.261	5205			5.1				7
Wet Bulb	1161.222	24.221	47.2	4.174	5205							2
Dew Point	1257.545	224.24	43.1	3.289	5205							2

FORMS
0-26-5 (OL A)
JUL 64

USAFETAC

3

•

MONTH

•

U

1

•

1

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

' 7-44

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

YEARS

STATION	STATION NAME
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

17-54

MONTH

10 15-16
HOURS (L. S. T.)

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
1	1000 1000 1000 1000

17-54

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

FORM
NO. 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

STATION	STATION NAME	YEARS	MONTH

[illegible]

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1	1000	17-21	4-1

15-17
HOURS (L. S. T.)

[illegible]

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

USAFETAC

STATION	STATION NAME	YEARS	MONTHS
1	197-34		

HOURS 11 5 7

[illegible]

U.S. DEPARTMENT OF COMMERCE
BUREAU OF ECONOMIC ANALYSIS
WASHINGTON, D. C. 20540

: 7-34

YEARS

MONTH

HOURS (L, S, T)

[illegible]

AL QUAERTELION 1941
1941
1941

PSYCHROMETRIC SUMMARY

STATION	STATION NAME

7-154

YEARS

MONTH

١٢٠

HOURS (L. S. T.)

[illegible]

✓

USAFETAC FORM JUL 64

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
75.7																																					
75.6																																					
75.5																																					
75.4																																					
75.3																																					
75.2																																					
75.1																																					
75.0																																					
74.9																																					
74.8																																					
74.7																																					
74.6																																					
74.5																																					
74.4																																					
74.3																																					
74.2																																					
74.1																																					
74.0																																					
73.9																																					
73.8																																					
73.7																																					
73.6																																					
73.5																																					
73.4																																					
73.3																																					
73.2																																					
73.1																																					
73.0																																					
72.9																																					
72.8																																					
72.7																																					
72.6																																					
72.5																																					
72.4																																					
72.3																																					
72.2																																					
72.1																																					
72.0																																					
71.9																																					
71.8																																					
71.7																																					
71.6																																					
71.5																																					
71.4																																					
71.3																																					
71.2																																					
71.1																																					
71.0																																					
70.9																																					
70.8																																					
70.7																																					
70.6																																					
70.5																																					
70.4																																					
70.3																																					
70.2																																					
70.1												</																									

STATION	STATION NAME	YEARS	MONTH

[illegible]

USAFETAC
FORM 0-26-5 (QLA)
REV SEP 66 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
USAFETAC/OS-85/023 F/G 4/2

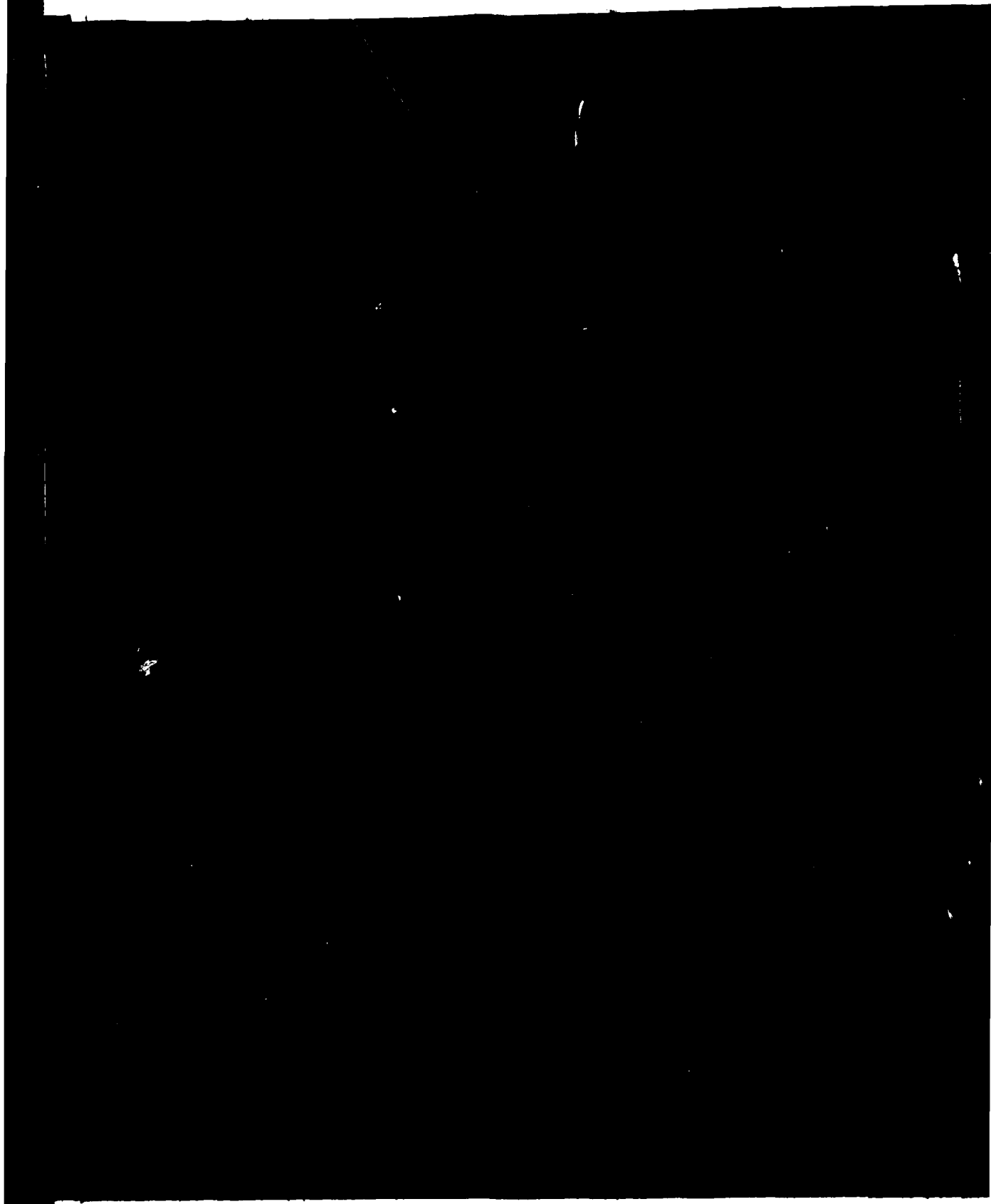
UNCLASSIFIED

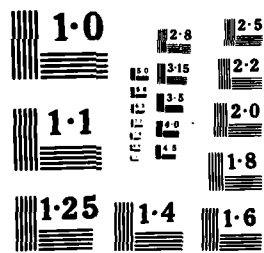
F/G 4/2

NL

END
DATE
FILED
JAN 85
FBI

END
DATE
FEB 11 1985
DTI.





PSYCHROMETRIC SUMMARY

77-54

YEARS

MONTH

Page 1 0621-6
HOURS (L. S. T.)

[illegible]

3
1

GENERAL CLIMATOLOGY - MONTH
USAFETAC
AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

7-120 STATION
CAPT ROMAN OF ALC AK STATION NAME

77-84 YEARS

SEP
MONTH

1900-1900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
77				.4	.1															
76				.1																
75																				
74				.1																
73				.7																
72				1.2																
71				.4																
70				1.1																
69				.6																
68				.4																
67				1.1																
66				.7																
65				.1																
64				.1																
63																				
62																				
61																				
60																				
59																				
58																				
57																				
56																				
55																				
54																				
53																				
52																				
51																				
50																				
49																				
48																				
47																				
46																				
45																				
44																				
43																				
42																				
41																				
40																				
39																				
38																				
37																				
36																				
35																				
34																				
33																				
32																				
31																				
30																				
29																				
28																				
27																				
26																				
25																				
24																				
23																				
22																				
21																				
20																				
19																				
18																				
17																				
16																				
15																				
14																				
13																				
12																				
11																				
10																				
9																				
8																				
7																				
6																				
5																				
4																				
3																				
2																				
1																				
0																				
TOTAL	6.46	124.3	5.4	.1														720	720	720
Element (X)	Σ X ²	Σ X	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Rel. Hum.	22543	60451	44.7	0.558	720															
Dry Bulb	1392	31450	43.7	4.916	720							1.1								
Wet Bulb	1246322	20001	41.7	4.950	720							3.0								
Dew Point	1104422	20279	39.3	5.745	720							13.0								

FORM 0-26-5 (OLA)
REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

JOURNAL CLIMATOLOGY - ARCH
 JOURNAL CLIMATOLOGY
 JOURNAL CLIMATOLOGY - ARCH

PSYCHROMETRIC SUMMARY

167	APR DONALD OF AF, AF
STATION	STATION NAME

77-24

YEARS

1
MONTH

1

12-14
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

1. STATE OF CALIFORNIA
2. IN SENATE
3. January 11, 1966

PSYCHROMETRIC SUMMARY

77-44

YEARS

MDN IN

150-17
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

METEOROLOGICAL SERVICE/AMC
 METEOROLOGICAL SERVICE/AMC
 METEOROLOGICAL SERVICE/AMC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
161	CAMP 10 MAR. OF AF. AR

77-54

YEARS

MONTH

1300 - 1300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY - MARCH
 1982
 1982

PSYCHROMETRIC SUMMARY

1.3
STATION

USPC TOWNSHIP OF AFB, AL
STATION NAME

77-64

YEARS

MONTH

241
HOURS (L. S. T.)

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-21-2001 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

STATION	STATION NAME

17-64

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

JOURNAL OF CLIMATE
 VOLUME 15
 SEPTEMBER 2002

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1	100	77-24	1

HOURS (L, S, T)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

STAT 200

STATION NAME

YEARS

MONTH

HOURS 11 5 1

[illegible]

REVISED PREVIOUS EDITIONS OF THIS NAME ARE OBSOLETE

0.26.5 (OL A)

FORM
MM-AM

USAFETAC

3

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
40																																						
39																																						
38																																						
37																																						
36																																						
35																																						
34																																						
33																																						
32																																						
31																																						
30																																						
29																																						
28																																						
27																																						
26																																						
25																																						
24																																						
23																																						
22																																						
21																																						
20																																						
19																																						
18																																						
17																																						
16																																						
15																																						
14																																						
13																																						
12																																						
11																																						
10																																						
9																																						
8																																						
7																																						
6																																						
5																																						
4																																						
3																																						
2																																						
1																		</																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STAT 2N

STATION NAME

YEARS

MONTH

HOURS 1 5 7

[illegible]

STATION	STATION NAME	YEARS	MONTH	HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

STAT 320

STATION NAME

YEARS

1 MONTH

HOURS (L. S. T.)

[illegible]

3

✓

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 04-11-2010 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

7-5-64

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR CLIMATE CONTROL AGENCY
ATTN: CLIMATE CONTROL SERVICE BRANCH

7-014

YEARS

MONTH

1000-17
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1. STATION NAME OF AFD AK

77-64

YEARS

MONTH

~~1-1-14~~
HOURS (L. S. T.)

[illegible]

GENERAL CLIMATE BY COLOR
 1. BLUE
 2. GREEN
 3. YELLOW
 4. RED
 5. WHITE
 6. BLACK

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
12	12-12-12	77-84	12

40-11
HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

STATION	STATION NAME

77-94

YEARS

MONTH

16
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

STATION	STATION NAME

4-1-24

YEARS

MONTH

MOLES 1 5 7

[illegible]

GENERAL CLIMATE/CLIMATE CHANGE
 AIR QUALITY
 AIR QUALITY SERVICE/MAINT

PSYCHROMETRIC SUMMARY

7 121 407 W. H. O. A. A.
STATION STATION NAME

77-84

YEARS

MONTH

12-1-72
HOURS (L. S.)

[illegible]

ALL-ALL CLIMATOLOGY BRANCH
 METEOR
 AIR-FAIRER SERVICE BRANCH

PSYCHROMETRIC SUMMA

1	120	CAPE ROMAN OF AFS AK
	STATION	STATION NAME

'7-94

YEARS

627

MONTH

12. ALL
HOURS 11.5

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

LOCAL COMBATANT SEARCH
UNIT
AND SEATTLE SERVICE MAN

PSYCHROMETRIC SUMMARY

12	APP 20-AL-01 A" A"
STATION	STATION NAME

77-24

YEARS

MONTH

71-5-7
MOUSE 11-5-7

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

WOM

USAFETAC

3

U.S. AIR FORCE CLIMATE DIVISION
 WEATHER SERVICE, ANAC

PSYCHROMETRIC SUMMARY

STATION 107 STATION NAME AIR FORCE OF AMERICA

77-84

YEARS

MONTH

HOURS (L. S. T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
74																					
73																					
72																					
71																					
70																					
69																					
68																					
67																					
66																					
65																					
64																					
63																					
62																					
61																					
60																					
59																					
58																					
57																					
56																					
55																					
54																					
53																					
52																					
51																					
50																					
49																					
48																					
47																					
46																					
45																					
44																					
43																					
42																					
41																					
40																					
39																					
38																					
37																					
36																					
35																					
34																					
33																					
32																					
31																					
30																					
29																					
28																					
27																					
26																					
25																					
24																					
23																					
22																					
21																					
20																					
19																					
18																					
17																					
16																					
15																					
14																					
13																					
12																					
11																					
10																					
9																					
8																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

17-54

YEARS

MONTH

MOVIES 11

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

FORM 4-72

USAFETAC

3

U.S. AIR FORCE
 AIRCRAFT
 WEATHER SERVICE

PSYCHROMETRIC SUMM

STATION NAME OF AIRMAN 17-05 YEARS MO

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb															
71																																			
72																																			
73																																			
74																																			
75																																			
76																																			
77																																			
78																																			
79																																			
80																																			
81																																			
82																																			
83																																			
84																																			
85																																			
86																																			
87																																			
88																																			
89																																			
90																																			
91																																			
92																																			
93																																			
94																																			
95																																			
96																																			
97																																			
98																																			
99																																			
100																																			

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	40.1	11.2	77.0	17.1	5.1						
Dry Bulb	2.0	11.2	17.0	17.1	5.1						
Wet Bulb	2.0	11.2	17.0	17.1	5.1						
Dew Point	2.0	11.2	17.0	17.1	5.1						

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. ALGEBRA
2. GEOMETRY
3. TRIGONOMETRY

PSYCHROMETRIC SUMM

STATION	STATION NAME
111	OFFICE OF THE ATTORNEY GENERAL

7-2

YEARS

MON

HOURS 11

[illegible]

REVISED PREVIOUS EDITIONS OF THIS WORK ARE CANCELLED

0-26-5 (OL A)

USAFETAC

5

PSYCHROMETRIC SUMMARY

'7-4'

YEARS

MONTH

HOURS (L)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-11-2010 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
127	127

7-03

YEARS

MONTH

HOURS 11.

[illegible]

GLOBAL CLIMATOLOGY SECTION
 15550
 15550

PSYCHROMETRIC SUMMA

STATION	STATION NAME
121	PALESTINE OF AFRICA

77-28

YEARS

MONTH

HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
7-36																					
7-37																					
7-38																					
7-39																					
7-40																					
7-41																					
7-42																					
7-43																					
7-44																					
7-45																					
7-46																					
7-47																					
7-48																					
7-49																					
7-50																					
7-51																					
7-52																					
7-53																					
7-54																					
7-55																					
7-56																					
7-57																					
7-58																					
7-59																					
7-60																					
7-61																					
7-62																					
7-63																					
7-64																					
7-65																					
7-66																					
7-67																					
7-68																					
7-69																					
7-70																					
7-71																					
7-72																					
7-73																					
7-74																					
7-75																					
7-76																					
7-77																					
7-78																					
7-79																					
7-80																					
7-81																					
7-82																					
7-83																					
7-84																					
7-85																					
7-86																					
7-87																					
7-88																					
7-89																					
7-90																					
7-91																					
7-92																					
7-93																					
7-94																					
7-95																					
7-96																					
7-97																					
7-98																					
7-99																					
7-100																					
7-101																					
7-102																					
7-103																					
7-104																					
7-105																					
7-106																					
7-107																					
7-108																					
7-109																					
7-110																					
7-111																					
7-112																					
7-113																					
7-114																					
7-115																					
7-116																					
7-117																					
7-118																					
7-119																					
7-120																					
7-121																					
7-122																					
7-123																					
7-124																					
7-125																					
7-126																					
7-127																					
7-128																					
7-129																					
7-130																					
7-131																					
7-132																					
7-133																					
7-134																					
7-135																					
7-136																					
7-137																					
7-138																					
7-139																					
7-140																					
7-141																					
7-142																					
7-143																					
7-144																					
7-145																					
7-146																					
7-147																					
7-148																					
7-149																					
7-150																					
7-151																					
7-152																					
7-153																					
7-154																					
7-155																					
7-156																					
7-157																					
7-158																					
7-159																					
7-160									</												

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

WOM

USAFETAC

3

ANNUAL CLIMATOLOGY REPORT
 OFFICE
 AIR FORCE SERVICE CENTER

PSYCHROMETRIC SUMMARY

STATION 17-23 STATION NAME 17-23 YEARS 17-23 MONTH 17-23

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pt.																
17.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17.1	17.1	17.1	17.1																
18.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18.1	18.1	18.1	18.1																
19.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19.1	19.1	19.1	19.1																
20.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20.1	20.1	20.1	20.1																
21.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21.1	21.1	21.1	21.1																
22.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22.1	22.1	22.1	22.1																
23.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23.1	23.1	23.1	23.1																
24.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24.1	24.1	24.1	24.1																
25.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25.1	25.1	25.1	25.1																
26.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	26.1	26.1	26.1	26.1																
27.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	27.1	27.1	27.1	27.1																
28.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	28.1	28.1	28.1	28.1																
29.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	29.1	29.1	29.1	29.1																
30.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30.1	30.1	30.1	30.1																
31.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	31.1	31.1	31.1	31.1																

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	11.1	11.1	17.1	17.7	651	1	1	1	1	1	1	1
Dry Bulb	11.1	11.1	17.1	17.7	651	1	1	1	1	1	1	1
Wet Bulb	11.1	11.1	17.1	17.7	651	1	1	1	1	1	1	1
Dew Point	11.1	11.1	17.1	17.7	651	1	1	1	1	1	1	1

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

YEARS

STATION	STATION NAME
1	ADP 2000 00 00 00

' 7-4 '

MONTH

11 - 14
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

1. GENERAL CLIMATELOGY - 1960
 2. CLIMATE
 3. CLIMATE - 1960

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
1	1000 OF A-1

7-23

YEARS

MONTH

2 1 7 2 4
HOURS (L, S, T.)

[illegible]

3

[illegible]

7-2

MONTH

HOURS (L. S. T.)

USAFETAC
FORM 0-26.5 (OLA)
JAN 66
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

YEARS

STATION	STATION NAME

71-27

MONITOR

HOURS 4 5 7

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS 11 5 7

[illegible]

STAT-2N

STATION NAME

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

FORM
JUL 68

0-265 (OLA)

RECEIVED RECORDS SECTION OF THE FBI JUL 68

USAFETAC

RELATIVE HUMIDITY

PERIOD

JUN
MONTH

MONTH	HOURS LST.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30	40	50	60	70	80	90		
JULY	7-12	100.0	100.0	100.0	99.5	96.7	95.4	89.0	63.7	34.9	93.7	630
	13-18	100.0	100.0	100.0	99.7	97.9	95.4	88.7	63.7	36.3	94.4	630
	19-24	100.0	100.0	100.0	99.5	97.5	94.0	87.8	67.5	36.7	94.3	630
	25-31	100.0	100.0	100.0	100.0	97.3	93.3	82.1	62.1	31.1	92.7	630
	1-6	100.0	100.0	100.0	99.0	96.7	91.6	81.9	59.4	31.7	91.7	630
	7-12	100.0	100.0	100.0	99.0	96.2	91.9	79.4	56.0	29.4	91.2	630
	13-18	100.0	100.0	100.0	99.6	97.3	93.0	81.7	56.5	30.0	91.6	630
	19-24	100.0	100.0	100.0	99.7	98.3	93.5	86.2	63.3	34.1	93.2	630
	25-31											
TOTALS		100.0	100.0	100.0	99.5	97.2	93.5	84.6	61.5	33.0	92.9	6040

USAFETAC FORM 0-87.5 (OL A)

3
JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7-120 CAPE ROMAN OF AFS AK
STATION STATION NAME

73-84

PERIOD

7-AY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JULY	00-02	100.0	100.0	100.0	100.0	99.1	95.4	81.7	60.4	23.2	81.4	651
	03-05	100.0	100.0	100.0	100.0	100.0	95.2	79.7	56.8	23.5	81.2	651
	06-08	100.0	100.0	100.0	100.0	99.1	94.5	79.2	56.3	29.1	81.3	651
	09-11	100.0	100.0	100.0	99.5	98.3	91.8	75.1	53.7	23.8	79.6	650
	12-14	100.0	100.0	100.0	99.5	97.2	91.6	75.1	50.2	19.7	78.7	651
	15-17	100.0	100.0	99.8	99.7	97.8	90.6	75.3	48.8	13.3	78.6	651
	18-20	100.0	100.0	100.0	99.7	97.7	91.6	77.7	51.3	19.2	79.2	651
	21-23	100.0	100.0	100.0	100.0	99.1	94.0	79.3	54.7	21.2	80.3	651
TOTALS		100.0	100.0	100.0	99.5	98.5	93.1	77.8	54.0	22.3	80.1	5276

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

3

✓

APR
MONTH

●

3
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

127 STATION CAPE ROMANOF AFS AK 78-84 PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
01-02		100.0	99.8	99.4	99.2	97.2	91.6	71.4	39.2	15.4	76.6	651
03-05		100.0	99.8	99.4	98.9	96.5	86.6	66.1	35.8	13.7	75.4	651
06-08		100.0	100.0	98.9	97.8	95.1	86.8	69.7	37.0	12.7	75.2	651
09-11		100.0	100.0	98.8	96.8	95.1	88.2	68.0	37.9	12.3	75.1	651
12-14		100.0	100.0	99.4	98.3	94.3	86.5	66.7	36.9	11.1	74.8	651
15-17		100.0	100.0	99.7	98.8	95.9	88.0	68.5	37.9	14.6	75.5	651
18-20		100.0	100.0	99.8	98.9	96.5	91.4	71.6	41.8	17.2	77.1	651
21-23		100.0	99.7	99.4	98.6	96.0	91.2	71.7	41.2	15.8	76.6	651
TOTALS		100.0	99.9	99.4	98.4	95.8	89.0	69.2	38.5	14.1	75.8	5208

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

RELATIVE HUMIDITY

7 120
STATION

CAPE ROMANOV AFS AK
STATION NAME

78-84

PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.1	92.8	83.4	61.1	31.4	12.8	73.3	586
	03-05	100.0	100.0	99.6	99.1	94.5	82.7	60.4	31.9	12.3	73.4	583
	06-08	100.0	100.0	100.0	99.1	94.5	86.3	60.3	33.3	12.4	73.9	582
	09-11	100.0	100.0	100.0	99.3	94.5	86.9	62.5	36.5	13.3	74.6	587
	12-14	100.0	100.0	100.0	99.0	94.0	85.7	59.4	34.0	11.1	73.9	588
	15-17	100.0	100.0	100.0	98.3	94.7	83.0	59.4	32.3	11.6	73.3	588
	18-20	100.0	100.0	100.0	98.6	93.4	84.2	59.2	33.5	11.1	73.5	588
	21-23	100.0	99.8	99.5	96.1	90.7	82.3	58.9	32.1	12.6	72.5	589
TOTALS												
TOTALS		107.0	100.0	99.9	98.6	93.6	84.3	60.2	33.1	12.2	73.6	4691

USAFETAC

FORM
101 64

0-87-5 (OL A)

3

✓

JAN
MONT

●

●

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AFW WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

127		CAPE ROMANOV AFB AK				77-84									
STATION		STATION NAME												YEARS	
HRS	1ST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
0-07	MEAN	11.1	4.3	13.7	17.9	30.5	38.6	44.3	45.3	34.1	27.2	17.4	11.2	25.1	
	S D	15.65	17.39	13.17	11.76	7.393	5.121	4.551	5.734	5.922	7.713	9.751	14.711	17.39	
	TOTAL OBS	643	585	651	630	651	630	651	744	720	744	717	651	630	
0-07	MEAN	11.7	4.1	13.3	17.2	29.9	35.3	40.9	43.0	33.5	26.9	14.3	11.1	25.1	
	S D	15.60	17.50	13.37	12.77	7.196	4.994	4.571	5.584	5.892	7.710	9.674	14.848	17.10	
	TOTAL OBS	643	583	651	630	651	630	651	743	720	744	717	651	630	
0-07	MEAN	11.2	4.3	13.3	17.3	30.5	34.7	44.3	45.1	36.7	26.9	19.1	11.0	25.1	
	S D	15.27	17.35	13.44	12.55	7.256	4.885	3.857	5.379	5.957	7.697	9.509	15.087	17.21	
	TOTAL OBS	651	582	651	630	650	630	651	744	720	744	717	651	630	
-11	MEAN	11.1	4.3	13.1	18.0	31.1	39.8	45.2	45.8	39.3	27.2	14.5	11.1	25.1	
	S D	15.63	17.58	14.24	11.60	7.421	5.039	3.713	5.401	5.745	7.660	9.435	15.025	17.47	
	TOTAL OBS	651	587	651	630	650	630	651	744	720	744	717	651	630	
11-14	MEAN	12.1	4.5	14.1	19.2	32.4	40.9	46.0	46.6	40.1	27.8	19.8	11.3	26.1	
	S D	15.73	17.42	13.66	11.91	7.349	5.364	3.824	5.436	5.586	7.845	9.296	15.000	17.49	
	TOTAL OBS	651	583	651	630	651	630	651	744	720	744	717	651	630	
11-17	MEAN	12.2	5.5	14.9	20.0	32.4	41.4	46.4	47.0	40.5	28.2	20.3	11.3	27.1	
	S D	15.94	18.96	13.14	10.23	7.479	5.489	3.942	5.463	5.610	7.740	9.361	15.012	17.41	
	TOTAL OBS	651	586	651	630	651	630	651	744	720	744	716	651	630	
11-20	MEAN	12.0	4.5	14.7	19.6	32.5	40.9	45.8	46.8	40.1	27.6	19.9	11.3	26.1	
	S D	15.74	16.75	12.81	10.34	7.175	5.351	3.861	5.586	5.540	7.850	9.061	14.792	17.39	
	TOTAL OBS	651	583	651	630	651	630	651	744	720	741	714	651	630	
1-23	MEAN	11.1	4.1	13.9	18.8	31.5	39.9	45.1	46.0	39.2	27.0	19.7	10.7	26.1	
	S D	15.84	17.19	13.39	11.86	7.341	5.272	3.879	5.579	5.745	7.445	9.721	14.725	17.35	
	TOTAL OBS	651	589	651	630	651	630	651	744	720	743	714	651	630	
ALL HOURS	MEAN	11.1	4.5	13.5	19.5	31.3	39.8	45.1	46.1	39.3	27.3	19.6	11.1	26.1	
	S D	15.67	17.55	13.46	11.35	7.335	5.308	3.909	5.567	5.783	7.803	9.573	14.587	17.32	
	TOTAL OBS	7200	4691	5208	5009	5206	5040	5206	5951	5760	5948	5729	5206	6419	

USAF ETAC FORM 0-89-5 (OLA)
OCT 75

MEANS AND STANDARD DEVIATION

MONTHLY TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION CAFE DOMEN OF ARS AK
STATION NAME

77-84

YEARS

HRS	LIST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-07	MEAN	13.1	13.4	13.3	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
	S D	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
	TOTAL OBS	642	586	651	630	651	630	651	744	722	744	717	651	902
1-10	MEAN	13.5	13.3	13.7	13.9	13.5	13.8	13.8	13.7	13.1	13.1	13.2	13.2	13.2
	S D	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
	TOTAL OBS	646	583	651	630	651	630	651	743	722	744	717	651	901
11-20	MEAN	13.4	13.3	13.6	13.4	13.4	13.2	13.2	13.2	13.0	13.0	13.0	13.1	13.1
	S D	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
	TOTAL OBS	651	582	651	630	651	630	651	744	722	744	717	651	902
21-30	MEAN	13.4	13.1	13.6	13.4	13.4	13.2	13.2	13.2	13.0	13.0	13.0	13.1	13.1
	S D	13.2	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
	TOTAL OBS	651	587	651	630	651	630	651	744	722	744	717	651	902
1-14	MEAN	13.7	13.9	13.6	13.8	13.8	13.8	13.8	13.8	13.7	13.0	13.6	13.4	13.4
	S D	13.1	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
	TOTAL OBS	651	588	651	630	651	630	651	744	722	744	717	651	902
15-24	MEAN	13.7	13.6	13.6	13.8	13.8	13.8	13.8	13.8	13.7	13.0	13.6	13.4	13.4
	S D	13.1	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
	TOTAL OBS	651	588	651	630	651	630	651	744	722	744	717	651	902
25-31	MEAN	13.7	13.9	13.6	13.8	13.8	13.8	13.8	13.8	13.7	13.0	13.6	13.4	13.4
	S D	13.1	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
	TOTAL OBS	651	588	651	630	651	630	651	744	722	744	717	651	902
ALL HOURS	MEAN	13.7	13.6	13.6	13.8	13.8	13.8	13.8	13.8	13.7	13.0	13.6	13.4	13.4
	S D	13.1	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
	TOTAL OBS	651	588	651	630	651	630	651	744	722	744	717	651	902

U.S. CLIMATE SERVICE
 STATION
 STATION NAME

MEANS AND STANDARD DEVIATION

DAY-TO-TO TEMPERATURES DEGREE F FROM HOURLY OBSERVATIONS

STATION
 STATION NAME

77-84

YEARS

HRS. (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
MEAN	17.5	11.3	20.1	23.3	35.6	43.5	48.0	48.9	43.4	31.0	24.0	17.0	30.0
S.D.	13.47710.83311.3010.338	7.991	6.179	4.657	5.361	4.977	6.519	6.183	10.333	15.67			
TOTAL OBS.	64	589	651	630	651	630	651	744	72	744	717	651	800
MEAN	17.5	11.1	21.0	22.8	35.3	43.0	47.5	48.6	43.1	31.5	24.4	17.2	31.0
S.D.	13.6	115.75311.34511.447	8.172	6.122	4.700	5.386	4.844	6.472	6.354	12.574	15.65		
TOTAL OBS.	595	556	651	630	651	630	651	744	72	744	717	651	800
MEAN	17.5	11.8	20.9	22.6	35.5	43.4	47.7	48.6	42.7	31.4	24.2	17.0	30.0
S.D.	13.4	715.75111.5511.629	8.145	6.245	4.632	5.176	4.777	6.454	6.167	12.630	15.73		
TOTAL OBS.	595	556	651	630	651	630	651	744	72	744	717	651	800
MEAN	17.5	11.4	20.0	23.4	37.1	45.2	49.0	49.8	43.7	31.0	24.5	17.1	31.0
S.D.	13.6	115.77411.70511.367	8.466	6.754	5.098	5.391	4.716	6.556	6.370	12.557	16.21		
TOTAL OBS.	591	570	651	630	651	630	651	744	72	744	717	651	800
MEAN	17.5	11.5	21.1	23.0	36.5	45.6	50.5	51.3	45.1	32.0	25.8	17.4	32.0
S.D.	13.4	415.54	11.451	9.687	8.577	7.150	5.455	5.708	5.311	6.709	6.175	12.701	16.51
TOTAL OBS.	591	571	651	630	651	630	651	744	72	744	717	651	800
MEAN	17.5	12.5	21.7	25.5	39.4	47.3	51.3	51.9	45.7	33.1	25.2	17.4	32.0
S.D.	13.6	315.51111.78	9.337	6.533	7.111	5.734	5.924	5.347	6.923	6.151	12.570	16.55	
TOTAL OBS.	591	571	651	630	651	630	651	744	72	744	715	651	800
MEAN	17.5	11.4	20.9	23.2	36.7	46.6	50.6	51.2	45.0	32.5	24.6	17.0	32.0
S.D.	13.7	515.32111.914	9.371	6.231	5.937	5.507	5.737	5.319	6.976	6.198	12.444	16.44	
TOTAL OBS.	591	572	651	629	651	63	651	744	700	744	714	651	800
MEAN	17.5	11.4	20.5	24.0	37.3	45.0	49.2	49.5	43.7	31.7	24.7	16.6	31.0
S.D.	12.5	1715.47611.324	9.975	7.954	6.639	4.786	5.316	4.887	6.710	6.238	12.389	16.16	
TOTAL OBS.	591	574	651	630	651	630	651	744	700	744	714	651	800
MEAN	17.5	11.4	20.5	24.0	37.2	45.1	49.2	5.0	44.1	32.0	24.7	17.1	31.0
S.D.	12.5	415.65511.3	10.074	6.390	6.818	5.241	5.667	5.035	6.673	6.144	12.573	16.13	
TOTAL OBS.	2	4710	528	539	520	5143	5210	592	5760	5950	5729	5204	6422

USAF ETAC

FORM
 OCT 75

0-89.5 (OL A)

LOCAL CLIMATELOGY BRANCH
METEOROLOGICAL SERVICE
1111 ATLANTIC STREET, N.W.
WASHINGTON, D.C. 20540

PSYCHROMETRIC SUMMARY

STATION NAME

77-34

YEARS

MONT

MONTE L.

[illegible]

GENERAL CLIMATELOGY AND
METEOROLOGY
STATE SERVICE 1988

PSYCHROMETRIC SUMM

100	0001	0000	0000
STATION	STATION NAME		

77-54

YEARS

21
MON

_____ 21
HOURS 11

[illegible]

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

3

GENERAL CLIMATOLOGY MONTHLY
 DATA SHEET
 AIR WEATHER SERVICE/AFM

PSYCHROMETRIC SUMM

STATION COPELTON, OKLAHOMA
 STATION NAME

77-83

YEARS

MON

HOURS (L

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
1-24																				
1-27																				
1-30																				
1-31																				
1-32																				
1-33																				
1-34																				
1-37																				
1-38																				
1-39																				
1-40																				
1-41																				
1-42																				
1-43																				
1-44																				
1-45																				
1-46																				
1-47																				
1-48																				
1-49																				
1-50																				
1-51																				
1-52																				
1-53																				
1-54																				
1-55																				
1-56																				
1-57																				
1-58																				
1-59																				
1-60																				
1-61																				
1-62																				
1-63																				
1-64																				
1-65																				
1-66																				
1-67																				
1-68																				
1-69																				
1-70																				
1-71																				
1-72																				
1-73																				
1-74																				
1-75																				
1-76																				
1-77																				
1-78																				
1-79																				
1-80																				
1-81																				
1-82																				
1-83																				
1-84																				
1-85																				
1-86																				
1-87																				
1-88																				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL 61-14411-1054 - 200-

— 23 —

51-1167-40

STATION _____ STATION NAME _____

STATION

STATION NAME

20

PSYCHROMETRIC SUMM

YEARS

3

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	
4																																				
5																																				
6																																				
7																																				
8																																				
9																																				
10																																				
11																																				
12																																				
13																																				
14																																				
15																																				
16																																				
17																																				
18																																				
19																																				
20																																				
21																																				
22																																				
23																																				
24																																				
25																																				
26																																				
27																																				
28																																				
29																																				
30																																				
31																																				
32																																				
33																																				
34																																				
35																																				
36																																				
37																																				
38																																				
39																																				
40																																				
41																																				
42																																				
43																																				
44																																				
45																																				
46																																				
47																																				
48																																				
49																																				
50																																				
51																																				
52																																				
53																																				
54																																				
55																																				
56																																				
57																																				
58																																				
59																																				
60																																				
61																																				
62																																				
63																																				
64																																				
65																																				
66																																				
67																																				
68																																				
69																																				
70																																				
71																																				
72																																				
73																																				
74																																				
75																																				
76																																				
77																																				
78																																				
79																																				
80																																				
81																																				</

USAFETAC FORM 0-26.5 (OLA) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFE

五

1. NAME: CLIMATELOGY, INC.
 2. ADDRESS:
 3. CITY: SEATTLE, WASH. 98101

PSYCHROMETRIC SUM

STATION	STATION NAME

11-52

YEARS

1

[illegible]

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

JETMET CLIMATOLOGY BRANCH
 DAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUM

17.120
STATION

CAPE ROMANOV AFS AK
STATION NAME

78-R4

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY
		10%	20%	30%	40%	50%	60%	70%	80%	90	
JUL	03-02	100.0	100.0	100.0	100.0	100.0	99.2	95.1	77.3	48.6	97.3
	05-05	100.0	100.0	100.0	99.8	99.8	98.9	95.4	79.3	44.2	97.4
	06-08	100.0	100.0	100.0	100.0	99.8	96.3	94.8	80.8	48.9	88.3
	09-11	100.0	100.0	100.0	99.7	98.8	97.8	90.9	78.6	47.0	97.1
	12-14	100.0	100.0	100.0	100.0	98.6	96.0	89.9	72.2	37.5	85.0
	15-17	100.0	100.0	100.0	99.7	98.9	96.0	87.4	66.5	32.3	83.6
	18-20	100.0	100.0	100.0	100.0	100.0	97.4	88.2	67.1	32.7	84.1
	21-23	100.0	100.0	100.0	100.0	100.0	99.7	93.7	73.3	35.5	96.0
TOTALS		100.0	100.0	100.0	99.9	99.5	97.9	91.9	74.4	39.9	86.1

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

3
CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

70.120
STATION

CAPE ROMANZOF AFS AK
STATION NAME

77-84

PERIOD

AL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.6	96.5	77.7	45.0	87.5
	03-05	100.0	100.0	100.0	100.0	99.9	99.6	95.0	76.0	43.6	87.3
	06-08	100.0	100.0	100.0	100.0	99.9	99.6	96.1	80.5	44.2	87.9
	09-11	100.0	100.0	100.0	100.0	100.0	98.4	92.9	72.3	40.5	86.5
	12-14	100.0	100.0	100.0	100.0	99.9	98.0	90.1	64.5	33.7	84.5
	15-17	100.0	100.0	100.0	100.0	99.9	97.8	91.3	61.6	29.2	83.9
	18-20	100.0	100.0	100.0	100.0	99.7	99.2	95.3	66.8	33.1	85.3
	21-23	100.0	100.0	100.0	100.0	100.0	99.6	96.9	75.9	39.9	87.0
TOTALS		100.0	100.0	100.0	100.0	99.9	99.0	94.3	71.9	38.7	86.2

USAFETAC

FORM
101-64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/HAC

RELATIVE HUMID

70120
STATION

CAPE ROMANOF AFS AK
STATION NAME

77-84

PERIOD

SF
MC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
JUL	00-02	100.0	100.0	100.0	100.0	99.6	99.2	94.4	66.5	33.6	85.1
	03-05	100.0	100.0	100.0	100.0	99.7	96.8	91.8	68.9	34.6	84.9
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	91.3	72.1	36.5	85.4
	09-11	100.0	100.0	100.0	100.0	100.0	99.0	90.3	67.5	32.6	84.7
	12-14	100.0	100.0	100.0	100.0	100.0	98.6	86.4	59.6	26.0	83.0
	15-17	100.0	100.0	100.0	100.0	100.0	97.9	83.3	56.1	24.0	82.2
	18-20	100.0	100.0	100.0	100.0	99.9	98.3	87.9	60.1	28.1	83.2
	21-23	100.0	100.0	100.0	100.0	99.6	99.2	93.8	64.6	29.9	84.4
TOTALS		100.0	100.0	100.0	100.0	99.9	98.8	89.9	64.4	30.8	84.1

USAFETAC

FORM
101 64

0-87-5 (OL A)

3

JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMID

70 120
STATION

CAPE ROMANZOF AFS AK
STATION NAME

77-94

PERIOD

CF
MO

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
OCT	00-02	100.0	100.0	100.0	100.0	100.0	98.9	89.1	62.8	21.9	92.9
	03-05	100.0	100.0	100.0	100.0	99.9	99.2	87.9	63.4	23.3	93.0
	06-08	100.0	100.0	100.0	100.0	99.9	99.6	90.6	65.6	26.2	93.6
	09-11	100.0	100.0	100.0	100.0	99.9	99.2	89.9	65.2	24.9	93.2
	12-14	100.0	100.0	100.0	100.0	100.0	98.8	88.4	61.2	21.5	92.6
	15-17	100.0	100.0	100.0	100.0	100.0	99.1	88.3	58.6	19.8	92.1
	18-20	100.0	100.0	100.0	100.0	100.0	99.2	89.6	61.3	23.6	92.9
	21-23	100.0	100.0	100.0	100.0	100.0	99.1	89.5	62.3	23.4	93.0
TOTALS		100.0	100.0	100.0	100.0	100.0	99.1	89.2	62.6	23.1	92.9

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7.12.77
STATION

CAPE ROMANOF AFS AK
STATION NAME

77-84

PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TC NO C
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.9	99.4	96.9	86.3	51.3	17.9	80.6	
	03-05	100.0	100.0	100.0	100.0	100.0	97.9	89.1	52.6	17.0	81.0	
	06-08	100.0	100.0	100.0	100.0	99.9	97.8	87.4	52.3	19.8	80.9	
	09-11	100.0	100.0	100.0	99.9	99.4	97.2	87.6	54.3	19.4	81.2	
	12-14	100.0	100.0	100.0	100.0	99.4	96.8	86.8	57.2	18.0	81.3	
	15-17	100.0	100.0	100.0	99.9	99.3	96.5	85.8	58.8	22.8	81.9	
	18-20	100.0	100.0	100.0	99.9	99.3	97.2	87.8	55.6	24.4	81.8	
	21-23	100.0	100.0	100.0	100.0	99.4	96.2	87.7	55.0	22.4	81.6	
TOTALS		100.0	100.0	100.0	100.0	99.5	97.1	87.3	54.6	20.2	81.3	

RELATIVE HUMIDITY

DEC
MON

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
DEC	00-02	100.0	100.0	99.3	99.2	96.7	96.0	74.2	41.2	13.4	77.5
	03-05	100.0	100.0	99.4	98.9	96.2	89.6	73.3	41.5	18.6	77.4
	06-08	100.0	100.0	99.5	98.3	93.5	88.8	74.5	41.3	19.5	77.4
	09-11	100.0	100.0	99.7	97.8	95.2	88.6	75.6	45.0	19.0	77.6
	12-14	100.0	99.8	99.7	98.8	96.5	89.1	72.4	43.3	18.6	77.4
	15-17	100.0	100.0	99.5	98.2	94.9	87.9	73.4	44.7	20.4	77.3
	18-20	100.0	100.0	99.8	98.3	95.4	89.1	74.0	41.0	18.3	77.2
	21-23	100.0	100.0	100.0	98.9	96.8	89.6	73.7	41.5	19.8	77.7
TOTALS		100.0	100.0	99.7	98.6	95.9	89.1	73.9	42.4	19.0	77.4

0-87.5 (OL A)

3

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

127 CAPE ROMANZOF AFS AK
STATION

77-84

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.7	99.5	98.9	97.7	94.0	78.5	48.0	14.4	75.9	521
FEB		100.0	100.0	99.9	98.6	93.6	84.3	60.2	33.1	12.2	73.6	461
MAR		100.0	99.9	99.4	98.4	95.8	89.0	69.2	38.5	14.1	75.6	521
APR		100.0	100.0	100.0	99.9	98.7	94.8	80.1	48.9	21.1	80.0	501
MAY		100.0	100.0	100.0	99.6	98.5	93.1	77.8	54.0	22.3	80.1	521
JUN		100.0	100.0	100.0	99.5	97.2	93.5	84.6	61.5	33.7	82.9	501
JUL		100.0	100.0	100.0	99.9	99.5	97.9	91.9	74.4	39.9	86.1	521
AUG		100.0	100.0	100.0	100.0	99.9	99.0	94.3	71.9	38.7	86.2	591
SEP		100.0	100.0	100.0	100.0	99.9	98.6	89.9	64.4	30.8	84.1	571
OCT		100.0	100.0	100.0	100.0	100.0	99.1	89.2	62.6	23.1	82.9	591
NOV		100.0	100.0	100.0	100.0	99.5	97.1	87.3	54.6	20.2	81.3	571
DEC		100.0	100.0	99.7	98.6	95.8	89.1	73.9	42.4	19.0	77.4	521
TOTALS		100.0	100.0	99.9	99.5	98.0	94.1	81.4	54.5	24.5	80.8	641

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overa period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

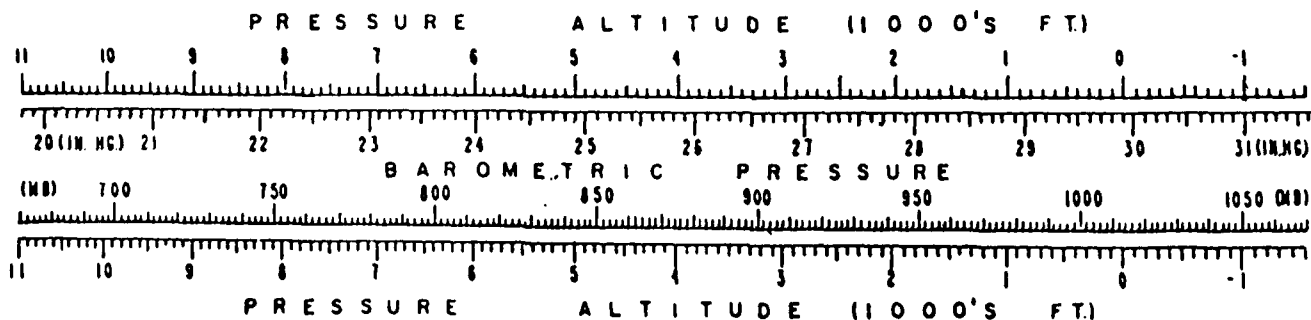
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



LOCAL CLIMATOLOGY BRANCH
AFETAC
AFMATERIALS SERVICE/AFAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION	STATION NAME	YEARS											
1	CAPE JOHNSON, AFU AM	77-84											
HRS 1ST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	.11129	.23429	.11529	.23729	.29129	.33229	.36729	.33129	.23429	.17629	.07629	.187	29.211
S D	.472	.439	.398	.339	.246	.234	.176	.233	.372	.366	.363	.489	.356
TOTAL OBS	217	197	217	210	217	210	217	248	240	240	239	217	2677
MEAN	.11129	.23429	.11329	.23529	.24929	.33229	.36529	.32729	.23029	.17129	.07529	.192	29.211
S D	.472	.434	.303	.309	.241	.232	.171	.234	.374	.366	.361	.487	.356
TOTAL OBS	217	196	217	210	217	210	217	248	240	240	239	217	2675
MEAN	.11129	.23529	.11729	.23429	.24729	.32629	.36029	.31929	.22129	.11329	.07229	.187	29.205
S D	.472	.434	.373	.311	.241	.232	.173	.236	.310	.364	.362	.486	.355
TOTAL OBS	217	196	217	210	217	210	217	248	240	240	239	217	2675
MEAN	.11129	.23529	.11529	.23429	.24329	.32929	.36529	.32329	.23029	.11529	.07229	.187	29.207
S D	.472	.435	.300	.314	.241	.232	.174	.237	.313	.365	.366	.486	.357
TOTAL OBS	217	197	217	210	217	210	217	248	240	240	239	217	2677
MEAN	.11129	.23529	.12529	.24429	.30129	.33529	.37329	.33129	.23529	.17529	.08529	.198	29.216
S D	.472	.437	.399	.315	.242	.233	.174	.239	.314	.365	.368	.489	.359
TOTAL OBS	217	196	217	210	217	210	217	248	240	240	239	217	2679
MEAN	.11129	.23529	.12329	.24529	.30129	.33629	.37729	.33229	.23629	.17529	.07729	.194	29.214
S D	.472	.441	.299	.311	.241	.234	.174	.239	.314	.366	.364	.488	.358
TOTAL OBS	217	196	217	210	217	210	217	248	240	240	239	217	2675
MEAN	.11129	.22629	.11129	.23629	.29329	.33129	.37329	.32729	.22629	.11229	.06729	.193	29.216
S D	.472	.443	.371	.317	.243	.232	.175	.237	.312	.366	.367	.473	.355
TOTAL OBS	217	196	217	210	217	210	217	248	240	240	238	217	2677
MEAN	.11129	.23129	.11129	.23229	.29029	.32529	.36429	.32329	.22529	.11629	.07129	.195	29.216
S D	.472	.442	.371	.303	.240	.235	.172	.233	.308	.365	.370	.476	.356
TOTAL OBS	217	198	217	210	217	210	217	248	240	247	238	217	2676
ALL HOURS	MEAN	.11729	.23429	.11429	.23629	.29329	.33129	.36429	.32629	.23229	.11929	.07529	29.209
	S D	.476	.437	.370	.304	.241	.233	.172	.236	.309	.365	.364	.357
	TOTAL OBS	1734	1574	1736	1674	1736	1684	1736	1984	1924	1983	1736	21413

MEANS AND STANDARD DEVIATIONS

J. 120 1397 10 MAY 1962 AFD 15

77-84

STATION

STATION NAME

YEARS

HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	1.04.21.00.31003.91003.11009.61010.91012.01010.81007.71004.1	999.11008.5	1007.1										
S D	10.31415.2110.31010.737	8.362	8.74	6.171	8.761	8.46	12.61	12.577	10.843	12.277			
TOTAL OBS	217	197	217	210	217	210	217	248	242	242	239	217	2677
MEAN	1.04.21.00.31003.91003.11009.61010.91012.01010.71007.61003.9	999.11006.7	1007.1										
S D	10.13715.010.51010.7	8.362	8.15	6.229	8.158	10.505	12.596	12.632	10.843	12.237			
TOTAL OBS	217	198	217	210	217	210	217	248	242	242	239	217	2675
MEAN	1.04.21.00.31003.91007.61009.41010.71011.01010.41007.31003.6	998.91006.5	1006.4										
S D	10.33415.03210.32910.749	8.339	7.95	6.316	6.167	10.729	12.574	12.571	10.843	12.258			
TOTAL OBS	217	198	217	210	217	210	217	248	242	242	239	217	2675
MEAN	1.03.1000.31003.81007.91009.61010.81012.01010.51007.41003.7	999.01006.6	1006.4										
S D	10.11115.0810.43110.844	8.416	8.077	6.354	6.213	10.324	12.586	12.707	10.843	12.323			
TOTAL OBS	217	197	217	210	217	210	217	248	242	242	239	217	2677
MEAN	1.04.3100.31004.31006.31009.91011.01012.21010.51007.71004.1	999.41006.9	1007.2										
S D	10.14115.1410.44010.939	8.380	8.015	6.342	6.296	10.391	12.577	12.731	10.843	12.320			
TOTAL OBS	217	198	217	210	217	210	217	248	242	242	239	217	2676
MEAN	1.04.3100.31004.21006.31009.91011.01012.41010.91007.81003.9	999.11006.7	1007.1										
S D	10.13115.3710.39310.829	8.390	8.072	6.336	6.237	10.676	12.579	12.844	10.843	12.330			
TOTAL OBS	217	193	217	210	217	210	217	248	242	242	239	217	2675
MEAN	1.03.1000.31003.81007.91009.71010.81012.31010.71007.21003.6	998.81006.7	1006.5										
S D	10.13615.3710.47410.718	8.429	8.040	6.360	6.177	10.711	12.612	12.720	10.843	12.379			
TOTAL OBS	217	198	217	210	217	210	217	248	242	242	239	217	2677
MEAN	1.03.1000.21003.81007.81009.61010.81012.11010.81007.21003.7	999.91006.6	1006.9										
S D	10.1715.38410.45610.917	8.356	8.115	6.278	6.042	10.843	12.573	12.241	10.471	12.259			
TOTAL OBS	217	193	217	210	217	210	217	248	242	242	238	217	2676
MEAN	1.04.1100.31003.91007.61009.71010.81012.11010.71007.51003.7	999.01006.7	1007.3										
S D	10.11115.17910.43210.748	8.365	8.031	6.237	6.149	10.611	12.561	12.644	10.728	12.293			
TOTAL OBS	173	157	173	1679	173	164	173	184	172	184	188	173	2141

USAF ETAC FORM 0-89.5 (OL A)
OCT 79

END

DATE
FILMED

1 / -85

DTIC

END

DATE
FILMED

11-85

DTIC