

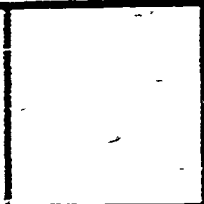
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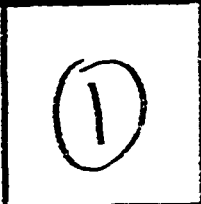
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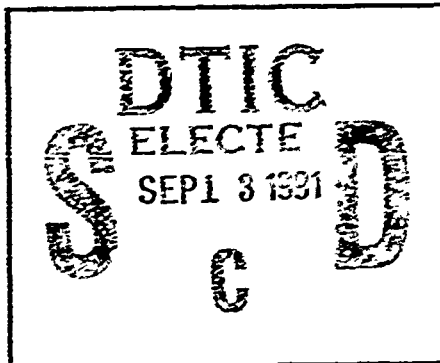
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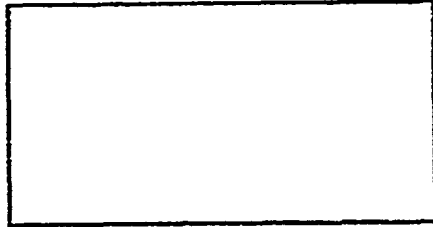
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DATA PROCESSING BRANCH  
USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

INDIAN MOUNTAIN AFS ALASKA NSC #701730  
N 66 00 W 153 42 ELEV: 1220 FT PAIN  
PARTS A-F HOURS SUMMARIZED: 0000 - 2300 LST

PERIOD OF RECORD:

HOURLY OBSERVATIONS: DEC 76 - NOV 84  
SUMMARY OF DAY DATA: JUN 55 - NOV 84

TIME CONVERSION GMT TO LST: -10 01 NOV 1985

FEDERAL BUILDING  
ASHEVILLE, N. C.

"Approved for public release;  
Distribution Unlimited."

REPORT DOCUMENTATION PAGE

2. Report Date: Nov 1985
3. Report Type and Dates Covered: Data Summary (RUSSWO) Jun 55-Nov 84
4. Title: Revised Uniform Summary of Surface Weather Observations for Indian Mountain AFS, Alaska, MSC 701730
7. Performing Organization Name and Address: Operating Location A, USAF Environmental Technical Applications Center (OL-A, USAFETAC), Federal Building, Asheville, NC 28801-2723
8. Performing Organization Report Number: USAFETAC/DS--91/106
12. Distribution/Availability Statement: Approved for public release; distribution is unlimited.
13. Abstract: *This report provides* > A Revised Uniform Summary of Surface Weather Observations (RUSSWO) for Indian Mountain AFS, Alaska. See USAFETAC/TN-83/001 (AD-132186) for a complete description of the RUSSWO and its contents, as well as instructions for use. *Topics include:*
14. Subject Terms: *barometric pressure* < CLIMATOLOGY, WEATHER, WEATHER STATIONS, WEATHER OBSERVATIONS, STATISTICS > METEOROLOGICAL PHENOMENA, ATMOSPHERIC PHENOMENA, ATMOSPHERIC PRESSURE > PRECIPITATION, VISIBILITY, WIND, CLOUD, CLOUD CEILING, SKY COVER, PSYCHROMETRIC DATA, TEMPERATURE, RELATIVE HUMIDITY, ALASKA, INDIAN, MOUNTAIN *atmospheric and* R
15. Number of Pages: 397
17. Security Classification of Report: Unclassified
18. Security Classification of this Page: Unclassified
19. Security Classification of Abstract: Unclassified
20. Limitation of Abstract: UL

Standard Form 298

13 SEP 1991

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15. Number of Pages: 397
17. Security Classification of Report: Unclassified
18. Security Classification of this Page: Unclassified
19. Security Classification of Abstract: Unclassified
20. Limitation of Abstract: UL



**REVIEW AND APPROVAL STATEMENT**

USAFETAC/DS-91/106, Revised Uniform Summary of Surface Weather Observations (RUSSWO) for Indian Mountain AFS, Alaska, has been reviewed and 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).

FOR THE COMMANDER



WALTER S. BURGMANN  
Scientific and Technical Information  
Program Manager

I HAVE REVIEWED AND FOUND SATISFACTORY THIS PRODUCT

W. Langford  
30 Oct 55

H. M. Fountain  
30 Dec 55

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.

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

# REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

## HOURLY OBSERVATIONS.

Hourly observations are defined as those recorded on 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. Air Force and some foreign stations using similar reporting practices.

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

### PART A WEATHER CONDITIONS

PART E DAILY MAX, MIN, & MEAN TEMP

### ATMOSPHERIC PHENOMENA

EXTREME MAX & MIN TEMP

### PART B PRECIPITATION

PSYCHROMETRIC-DRY VS WET BULB

### SNOWFALL

MEAN & STD DEV.

### SNOW DEPTH

(DRY BULB, WET BULB, & DEW POINT)

### PART C SURFACE WINDS

RELATIVE HUMIDITY

### PART D CEILING VERSUS VISIBILITY

PART F STATION PRESSURE

### SKYCOVER

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: 0000-0300, 0300-0700, 0600-0900, 0700-1100, 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	FIELD ELEV (FT)	CALL SIGN	WIND NUMBER
701730	INDIAN MOUNTAIN AFS ALASKA	N 66 00	W 153 42	1220	PAIM	70173

## STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION NAME	TYPE OF STATION	AT THIS LOCATION		LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO		FIELD (FT)	HT. BARO.	
1	Utopia Creek AFS Alaska	AFS	Jul 51	Dec 54	W 153 45	1378	1000	19 to 24
2	Same	AFS	Jan 55	Mar 56	Same	Same	1378	No Chg
3	Same	AFS	2 Mar 56	Aug 63	"	1285	1285	19
4	Indian Mountain AFS Alaska	AFS	Sep 63	Sep 67	W 153 42	Same	Same	19 to 24
5	Same	AFS	Oct 67	Dec 72	"	1230	1230	No Chg
6	Same	AFS	Jan 73	Nov 84	"	1220	1220	24
7	Same	AFS	Dec 84	Dec 85	"	"	"	5-10

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			REMARKS. ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	
1	Aug 51 to 15 Jun 54	Located 490 ft E of observation point.	AN/GMO-1	ML-204B	10 Ft
2	16 Jun 54 to Feb 55	Located 150 Ft SE of observation point.	No Chg	No Chg	No Chg
3	Mar 55 to Feb 60	Located top of Bldg 150 Ft from Rnwy touchdown point.	No Chg	No Chg	20 Ft
4	Mar 60 to 30 Jan 67	Located 1300 ft S of station, 700 Ft from touchdown point of Rnwy	AN/GMO-1	None	13 Ft
5	31 Jan 67 to 21 Sep 69	No Chg	No Chg	RO-2A	14 Ft
6	22 Sep 69 to Dec 70	No Chg	No Chg	RO-362	No Chg
7	Dec 83	Same	Same	Same	Same

CONTINUED ON REVERSE SIDE

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.

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

701730 STATION INDIAN MOUNTAIN AFS AK 77-84 YEARS JAN. MONTH  
 STATION NAME

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	FLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02				17.3		17.3	5.9		3.6		9.2	729
	03-05				16.7		16.7	7.7		3.6		10.7	729
	06-08				18.2		18.2	8.2		3.4		10.8	729
	09-11				18.7		18.7	8.8	.1	2.6		10.8	729
	12-14				16.7		16.7	9.7	.1	1.2		10.6	729
	15-17		.1		17.5		17.6	7.8		1.7		9.2	693
	18-20			.2	17.8		17.9	8.3		2.7		10.9	659
	21-23		.2	.2	16.1		16.1	7.1		4.0		11.1	651
TOTALS			.0	.1	17.4		17.4	7.9	.0	2.9		10.4	5648



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

701730 STATION INDIAN MOUNTAIN AFS AK STATION NAME 77-84 YEARS FEB MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	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	00-02		.3	.1	19.4		19.9	5.3		2.1		7.3	675
	03-05		.9		19.7		20.6	6.1		2.2		8.3	675
	06-08		.3	.4	19.6		20.4	6.2		2.1		8.3	678
	09-11		.4	.4	16.1		17.0	4.9	.9	.3		6.0	678
	12-14		.3	.3	14.6		15.2	3.7	.9	.7		5.3	678
	15-17		.6	.6	12.8		13.7	3.4	.9	.3		4.6	678
	18-20		.3	1.2	14.3		15.0	4.3	.5	.8		5.4	652
	21-23		.2	.3	18.0		18.3	3.4		1.7		5.2	639
TOTALS			.4	.4	16.8		17.5	4.7	.4	1.3		6.3	5353

# WEATHER CONDITIONS

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

701730 STATION 77-84 YEARS MAR MONTH  
 INDIAN MOUNTAIN AFS AK STATION NAME

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	N OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	N OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02				19.6		19.6	6.0		1.3		7.4	744
	03-05				21.1		21.1	5.9		1.6		7.5	744
	06-08				23.4		23.4	6.6		.9		7.5	744
	09-11				26.1		26.1	8.1		1.3		9.4	744
	12-14				22.8		22.8	5.1		2.2		6.9	744
	15-17				20.4		20.4	5.4		2.0		7.0	744
	18-20				20.6		20.6	7.8		.9		8.4	744
	21-23				20.9		20.9	7.8		1.2		8.9	744
TOTALS					21.9		21.9	6.6		1.4		7.9	5946

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

701730 STATION INDIAN MOUNTAIN AFS AK 77-84 YEARS APR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	N OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	N OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02		2.2		22.1		23.8	9.0				9.0	720
	03-05		2.5		23.2		25.0	11.3		.1		11.4	720
	06-08		2.5		23.2		25.3	11.9		.6		12.5	720
	09-11		1.5		21.4		22.5	6.8		1.0		7.4	720
	12-14		2.5		16.1		17.6	4.0		.4		4.0	720
	15-17		2.4		16.5		18.3	4.7		.3		4.7	720
	18-20		2.1		17.5		19.3	5.7		.4		6.1	668
	21-23		1.9	.2	19.3		21.3	7.6				7.6	642
TOTALS			2.2	.0	19.9		21.6	7.6		.4		7.8	5630

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

701730 STATION INDIAN MOUNTAIN AFS AK STATION NAME 77-84 YEARS MAY MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	N OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	N OF OBS WITH OBST TO-VISION	TOTAL NO. OF OBS.
MAY	00-02		3.2		2.4		5.6	2.3				2.3	744
	03-05		2.4		3.2		5.5	2.8				2.8	744
	06-08		3.6		4.8		8.1	4.0				4.0	744
	09-11		4.8	.3	4.4		8.7	2.0				2.0	744
	12-14		6.7		2.4	.1	9.3	1.1				1.1	744
	15-17		5.2		1.6		6.9	.8				.8	744
	18-20		3.7		1.2	.1	5.0	.6				.6	724
	21-23		3.8		1.7		5.5	.8				.8	714
TOTALS			4.2	.0	2.7	.0	6.8	1.8				1.8	5902

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

701730 INDIAN MOUNTAIN AFS AK 77-84 JUN  
 STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	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		12.2		.1		12.2	2.4	.4			2.8	720
	03-05		10.4		.6		10.4	3.5				3.5	720
	06-08		11.7		.4		11.7	3.3				3.3	720
	09-11		14.0				14.0	2.4	.4			2.8	720
	12-14	.4	15.6			.1	15.7	1.0	.6			1.5	720
	15-17	1.1	16.5				16.5	.8	.4			1.3	720
	18-20	.9	15.5				15.5	1.3				1.3	702
	21-23	.6	13.9				13.9	2.6	.3			2.9	693
TOTALS		.4	13.7		.1	.0	13.7	2.2	.3			2.4	5715

GLOBAL CLIMATOLOGY BRANCH  
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 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

701730 STATION INDIAN MOUNTAIN AFS AK STATION NAME 77-84 YEARS JUL MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	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	N OF OBS WITH OBST. TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.1	14.4				14.4	6.3				6.3	743
	03-05		15.2				15.2	8.2				8.2	744
	06-08		17.7				17.7	8.9	.3			9.1	744
	09-11		18.7				18.7	6.6	.4			7.4	744
	12-14	.3	16.5				16.5	3.6	.7			4.3	744
	15-17	1.7	18.0				18.0	3.0	.8			3.8	744
	18-20	1.1	18.2				18.2	3.0	.4			3.4	702
	21-23	.6	15.1				15.1	4.7	.4			5.1	681
TOTALS		.5	16.7				16.7	5.5	.4			5.9	5846

GLOBAL CLIMATOLOGY BRANCH  
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# WEATHER CONDITIONS

701730 STATION

INDIAN MOUNTAIN AFS AK STATION NAME

77-84 YEARS

AUG MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	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		19.6		.8		19.6	5.9	2.0			7.9	744
	03-05		19.8		.9		19.8	9.4	1.7			11.2	744
	06-08		20.2		.1		20.3	13.2	2.0			14.9	744
	09-11		19.9		.4		20.3	8.6	2.0			10.6	744
	12-14		18.1		.5		18.5	4.4	2.2			6.6	744
	15-17		18.6		1.1	.1	18.8	2.0	1.1			3.1	743
	18-20	.3	18.8		.7	.1	18.8	2.4	.8			3.2	744
	21-23		15.2		.8		15.5	4.0	1.2			5.2	744
TOTALS		.0	18.8		.7	.0	19.0	6.2	1.6			7.8	5951

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

701730 STATION INDIAN MOUNTAIN AFS AK STATION NAME 77-84 YEARS SEP MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	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		14.1		8.1		20.5	6.0		.1		6.0	717
	03-05		14.1		7.1		19.8	7.1		.3		7.1	717
	06-08		14.3		7.4		20.4	9.5	.4	.1		9.9	719
	09-11		12.8		8.5		20.7	9.0	.3	.4		9.4	720
	12-14		14.4		9.7		23.3	4.0				4.0	720
	15-17		13.1		9.3		21.7	2.5				2.5	720
	18-20		12.5	.1	6.4		18.6	2.9				2.9	719
	21-23		10.5		7.5		17.7	4.0				4.0	717
TOTALS			13.2	.0	8.0		20.3	5.6	.1	.1		5.7	5749



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

701730 STATION INDIAN MOUNTAIN AFS AK STATION NAME 77-84 YEARS OCT MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	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		2.7	.7	31.0		33.5	13.7		2.6		15.6	744
	03-05		2.6		32.0		34.1	15.3		2.6		17.1	744
	06-08		1.6	.1	34.4		35.9	15.2		1.6		16.1	744
	09-11		1.5	.3	34.7		35.6	14.4		2.4		16.3	744
	12-14		.9		32.4		33.2	12.0		2.2		13.8	744
	15-17		2.4		34.7		36.2	9.5		2.7		11.7	744
	18-20		3.0		30.3		32.6	11.5		2.6		13.6	742
	21-23		3.0	.7	30.4		33.1	10.8		3.4		13.3	744
TOTALS			2.2	.2	32.5		34.3	12.8		2.5		14.7	5950

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

701730  
 STATION

INDIAN MOUNTAIN AFS AK  
 STATION NAME

77-84

YEARS

NOV  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	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		.8		27.0		27.9	6.6		2.2		8.5	714
	03-05		.8		27.5		28.3	9.1		2.1		10.7	717
	06-08		.3	.3	29.2		29.8	11.0		2.6		12.1	719
	09-11		.1		30.7		30.9	11.0		3.1		12.8	719
	12-14		.3		30.0		30.0	9.0		2.5		10.7	720
	15-17		.3	.1	29.4		29.5	8.7		2.2		10.7	712
	18-20		.3		25.4		25.5	7.7		1.6		9.3	702
	21-23		.7		26.1		26.7	6.9		2.0		8.6	708
TOTALS			.5	.1	28.2		28.6	8.8		2.3		10.4	5711

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

701730 STATION INDIAN MOUNTAIN AFS AK

76-83

DEC MONTH

YEARS

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	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.
DEC	00-02				23.4		23.4	7.4		2.4		9.7	739
	03-05				21.0		21.0	8.3		3.1		11.4	735
	06-08			.1	20.2		20.4	8.3		3.4		11.7	737
	09-11				25.1		25.1	8.0		3.5		11.3	741
	12-14				25.0		25.0	6.2	.1	4.2		10.3	741
	15-17				23.3		23.3	7.4	.1	3.0		10.4	741
	18-20				22.8		22.8	7.8		2.6		10.4	681
	21-23				23.8		23.8	8.0		2.9		10.4	651
TOTALS				.0	23.1		23.1	7.7	.0	3.1		10.7	5766

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

701730  
STATION

INDIAN MOUNTAIN AFS AK  
STATION NAME

76-84

YEARS

ALL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	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		.0	.1	17.4		17.4	7.9	.0	2.9		10.4	5648
FEB			.4	.4	16.8		17.5	4.7	.4	1.3		6.3	5353
MAR					21.9		21.9	6.6		1.4		7.9	5946
APR			2.2	.0	19.9		21.6	7.6		.4		7.8	5630
MAY			4.2	.0	2.7	.0	6.8	1.8				1.8	5902
JUN		.4	13.7		.1	.0	13.7	2.2	.3			2.4	5715
JUL		.5	16.7				16.7	5.5	.4			5.9	5846
AUG		.0	18.8		.7	.0	19.0	6.2	1.6			7.8	5951
SEP			13.2	.0	8.0		20.3	5.6	.1	.1		5.7	5749
OCT			2.2	.2	32.5		34.3	12.8		2.5		14.7	5950
NOV			.5	.1	28.2		28.6	8.8		2.3		10.4	5711
DEC				.0	23.1		23.1	7.7	.0	3.1		10.7	5766
TOTALS		.1	6.0	.1	14.3	.0	20.1	6.5	.2	1.2		7.7	69167

# ATMOSPHERIC PHENOMENA

## PART A

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  $\frac{5}{8}$  mile.

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS  
 XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
 XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
 ATMOSPHERIC PHENOMENA

701730  
 STATION

INDIAN MOUNTAIN AFS AK  
 STATION NAME

55-58, 63-84  
 YEARS

ALL  
 MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAUL	% 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		1.2	.6	43.2		43.2	26.9	.3	11.5		34.6	644
FEB			2.0	1.1	48.3		48.7	23.5	.7	12.8		33.1	540
MAR			1.3	.3	46.7		47.4	21.3	.5	7.8		26.7	614
APR			7.3	.5	48.6		50.6	21.2		4.8		23.1	619
MAY			34.6	.2	15.0	1.2	43.1	10.0		.5		10.0	659
JUN		7.6	53.3		2.9	1.8	54.0	10.2	3.7			13.7	628
JUL		7.3	57.1		.1	.3	57.1	19.9	9.5			28.1	672
AUG		2.0	64.5		2.2	.3	64.5	34.2	5.3			38.5	685
SEP		.2	45.2	.3	21.3	.3	57.3	28.9	.2	1.3		29.7	640
OCT			11.2	1.1	64.8		68.3	36.8		9.9		43.7	698
NOV			2.5	1.2	61.6		61.7	32.4	.3	13.7		40.3	648
DEC			1.2	.6	51.7		51.7	27.2	.3	16.6		38.9	650
TOTALS		1.4	23.4	.5	33.9	.3	54.0	24.4	1.7	6.6		30.0	7697

## 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 observations is 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 (USNS)

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**DAILY AMOUNTS**  
PERCENTAGE FREQUENCY OF  
(FROM DAILY OBSERVATIONS)

701730 INDIAN MOUNTAIN AFS AK 55-84

STATION STATION NAME YEARS

PRECIP. SNOWFALL SNOW- DEPTH	AMOUNTS (INCHES)												TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)			
	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00		MEASUR- ABLE AMTS	MEAN	GREATEST	LEAST
	NONE	0.1-0.4	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					
	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	55.0	17.0	5.0	9.1	4.5	5.1	2.4	1.7	.2				28.0	805	1.23	5.04	.02
FEB	48.8	21.5	5.1	11.0	6.2	4.3	2.6	.5					29.6	729	.83	3.88	TRACE
MAR	52.0	22.0	3.3	10.6	4.3	5.1	1.6	.9	.2				26.0	818	.90	4.58	.04
APR	48.9	21.9	5.1	10.6	4.2	6.1	1.7	1.1	.4				29.2	818	1.02	3.63	.04
MAY	56.6	21.3	5.2	8.9	3.0	3.0	1.6	.5					22.0	821	.65	1.75	TRACE
JUN	42.5	20.4	3.7	13.3	5.1	9.1	3.8	1.5	.6				37.2	810	1.68	3.56	.05
JUL	39.9	17.1	4.4	10.8	7.5	10.1	6.4	3.1	.7				43.0	862	2.54	5.84	.21
AUG	32.4	18.4	5.4	10.5	5.8	13.0	7.4	5.6	1.4				49.1	851	3.65	8.08	.11
SEP	41.4	18.7	4.4	9.2	6.5	9.7	6.2	2.8	.6	.2			39.8	811	2.54	10.16	.31
OCT	31.4	26.3	6.6	12.8	7.0	9.6	4.3	1.5	.5				42.3	844	1.72	4.49	TRACE
NOV	38.3	24.6	6.3	11.6	6.6	8.4	2.8	1.1	.4				37.1	830	1.30	4.56	.03
DEC	47.5	20.0	4.9	10.9	6.4	5.5	3.4	1.3	.1				32.5	824	1.24	3.61	.09
ANNUAL	44.6	20.8	4.9	10.8	5.6	7.4	3.7	1.8	.4	.0			34.6	9823	19.30		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
PRECIPITATION

(FROM DAILY OBSERVATIONS)

701730 STATION INDIAN MOUNTAIN AFS AK STATION NAME 55-84 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55							1.20	.40	.99	.54	.22	.65	1.00	
56		.16	.17	.41	.17	.10	.34	.82	1.41	.88	.66	.30	.52	1.41
57		.88	.26	.28	.52	.74	.13	.08	.45	1.08	.39	.20	.43	1.08
58		.28	.34	1.35	.36	.31	.21	.65	.51	.24	.60	.60	.13	1.35
59		.11	.80	.09	.32	.23	.32	1.22	1.07	.54	.46	.35	.13	1.22
60		.92	.25	.03	.16	.76	.36	.59	.74	1.05	.24	.52	.27	1.05
61		.04	.08	.02	.51	.50	.36	.80	.80	1.07	1.32	.36	.68	1.32
62		2.16	.37	.86	1.49	.44	.16	.39	.98	1.84	.31	.07	.34	2.16
63		.42	.11	1.02	.40	.67	1.49	1.09	.99	.56	.93	.02	.18	1.49
64		.06	.36	.07	.47	TRACE					.52		.03	
65		.15*	.03*	.43	1.55*	.10*	.05*	.30*	.94	.13	TRACE		.21	
66	*	.02	.49	.06	.14	.31	1.17	.40*	.52*	.18	TRACE		.23	
67				*	.24	.17	.49	1.10*	.88*	.11	.09		.39*	
68								*	.06					
69	*	.14*	.07	.09	.03	.23	.25	.57	1.68	.47	.13	.12	.12	1.68
70		.12	.57	.15	.28	.20	1.23	.55	.54	.48	.88	1.51	.64	1.51
71		.23	.25	.05	.07	.17	.61	.75	.56	.42	1.34	.24	.59	1.34
72		1.25	.01	.34	.16	.15	.72	.29	.60	.35	1.15	.12	.26	1.25
73	*	.85	.06	.26	.19	.17	.45	.49	.51	.45	.41	1.32	.45	1.32
74	*	.24*	.03	.16	.04*	.02*	.22*	.47	.69*	.54	.54	.58	.16	.69
75		.81	.11	.16	.45*	.41	.57	.58	1.24	.52	.56*	.21*	.26	1.24
76		.17	.69	.29	.07	1.00	.39	.70	.82	.58	.43	.54	.36	1.00
77	*	.27	.22	.60	.15	.24	.28	.66	1.30	3.28	.29	.13	.27	3.28
78		.28	.21	.09	.21	.19	1.21	.73*	1.04	.87	.50	.53	.83	1.21
79		.12	TRACE	.52	1.02	.01	.86	.34	.58	.48	.37	.42	.20	1.02
80		.26	.17	.19	.14	.34	.91	.45	.32	.84	.56	.08	.18	.91
81		.28	.35	.10	.62	.03	.67	1.13	.34	.48	.33	.66	.16	1.13
82		.41	.43	.47	.57	.28	.37	1.04	1.42	.76	.55	.61	.28	1.42
83		.38	.07	.04	.56	.02	.28	.38	.97	.65	.58	.21	.37	.97
84		.21	.13	.11	.10	.07	.42	.88	1.92	.14	.28	.16		
MEAN		.441	.271	.300	.398	.305	.594	.657	.893	.747	.542	.402	.384	1.272
S.D.		.499	.209	.334	.396	.258	.387	.292	.427	.640	.327	.359	.274	.297
TOTAL OBS.		805	729	818	818	821	810	862	851	811	844	830	824	9823

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES  
XXXXXXXXXXXXXXXXXXXX  
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

701730 STATION INDIAN MOUNTAIN AFS AK 55-84 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH/ YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55						2.86	1.61	4.94	3.47	1.47	1.17	3.22	
56	.37	1.02	1.52	.37	.60	1.80	2.02	5.36	2.34	1.71	.93	1.02	19.06
57	5.04	.64	.59	.73	1.57	.13	.21	1.72	3.82	1.10	1.27	1.59	18.41
58	.72	.71	2.23	.82	.84	1.30	4.13	2.21	1.09	1.69	2.24	.30	18.28
59	.23	3.88	.29	.37	.53	.63	3.86	5.19	1.95	1.64	1.83	.69	20.59
60	2.88	.71	.04	.53	1.29	1.16	1.94	2.58	3.45	1.50	1.81	.60	17.92
61	.04	.29	.04	1.36	1.45	.82	2.57	3.69	4.90	2.33	1.43	2.16	21.08
62	3.51	.77	1.72	2.75	.72	.58	1.18	3.75	4.71	.98	.23	.80	21.70
63	1.12	.23	4.58	1.34	1.57	3.49	3.77	8.08	1.05	1.52	.03	.47	27.25
64	.20	1.52	.13	1.29	TRACE					1.72	.67	.09	
65	.39*	.08*	.56	3.63*	.22*	.05*	1.65*	2.37	.39	TRACE	1.61*	.59	
66	.02	1.07	.20	.22	.55	2.21	1.77*	1.38*	.61	TRACE			
67			*	.32	.34	1.54	5.23*	3.22*	.45	.48	.43	2.08	
68				.04	.42	.62	1.96	4.14	.55	.76	.72	.51	*10.44
69	.34*	.12	.26	.04	.32	2.46	2.54	3.24	1.25	3.15	4.56	3.11	24.00
70	.23	1.39	.94	.81	.43	1.04	2.46	1.99	2.12	3.45	1.47	3.17	18.23
71	.61	1.16	.08	.25	.43	1.89	.45	3.73	1.97	4.49	.51	1.11	19.34
72	3.34	.01	.73	.75	.36	1.10	2.45	2.72	1.43	1.35	2.13	.71	*16.52
73	* 2.67	.11	.88	.43	.54	1.04*	.92	3.53*	2.05	2.24	1.32	.33	*12.58
74	* .68*	.06	.31	.08*	.02*	1.57	1.84	3.35	3.11	1.45*	.79*	.90	*18.50
75	3.06	.34	.52	1.14*	.43	1.46	3.16	3.06	1.91	2.55	1.06	.63	18.90
76	.63	1.11	1.48	.10	1.75	.85	1.92	2.73	10.16	.97	.17	1.51	*23.00
77	* 1.11	.68	1.80	.66	.44	3.30	1.75*	2.04	3.22	1.71	2.59	3.61	*20.17
78	.42	.41	.24	.57	.31	3.44	.98	2.30	1.59	1.28	2.61	.87	18.82
79	.36	TRACE	1.94	3.42	.03	3.56	2.04	1.27	1.10	.76	.62	.31	12.58
80	.79	.49	.47	.33	.84	2.88	5.84	2.49	1.15	1.78	2.08	.53	21.20
81	.85	1.39	.35	1.78	.08	1.32	5.03	3.86	3.70	1.23	1.98	.91	23.88
82	.51	1.35	1.75	1.68	.56	.63	1.52	4.23	2.80	2.32	.39	.78	15.51
83	.77	.29	.04	1.70	.04	.98	3.92	7.55	.31	.91	.42		
84	.93	.46	.35	.52	.12	.98	2.544	2.544	2.544	1.724	1.295	1.244	19.813
MEAN	1.227	.835	.903	1.025	.654	1.678	2.544	3.655	2.544	1.893	1.002	1.043	3.360
S.D.	1.376	.795	1.018	.961	.510	1.030	1.438	1.659	2.047	.844	.830	.124	982.3
TOTAL OBS.	805	729	818	818	821	810	862	851	811	844	830	124	

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
(FROM DAILY OBSERVATIONS)

701730 INDIAN MOUNTAIN AFS AK 55-84  
STATION STATION NAME YEARS

PRECIP. SNOWFALL SNOW- DEPTH	AMOUNTS (INCHES)																PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN	GREATEST	LEAST						
	NONE	0.1-0.4	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									
JAN	55.0	16.9	9.7	9.6	2.7	2.2	1.1	1.0	1.5	.2				805	15.4	50.3	.4				
FEB	49.1	19.2	12.1	11.7	3.4	2.3	.7	1.1	.3	.1				729	10.6	39.0	TRACE				
MAR	52.2	19.5	11.7	8.5	3.6	1.7	.6	1.3	.8	.1				837	12.0	44.9	TRACE				
APR	50.2	20.3	12.3	8.8	3.8	1.6	1.2	.9	.5	.1				818	12.5	44.1	.4				
MAY	83.4	9.8	4.2	1.3	.6	.4	.2		.1					838	1.3	15.4	.0				
JUN	97.3	2.2	.4	.1										810	TRACE	.8	.0				
JUL	100.0													865	.0	.0	.0				
AUG	98.0	1.6	.2	.1										867	.1	.9	.0				
SEP	78.1	13.2	2.7	3.6	1.4	.5		.5	.1					811	3.7	16.1	.0				
OCT	34.5	25.6	15.3	12.7	4.9	3.4	1.2	1.5	.5	.2				856	17.8	47.1	TRACE				
NOV	38.5	22.5	13.9	13.5	5.2	2.3	1.8	1.2	.8	.2				827	16.4	45.6	1.2				
DEC	47.2	19.3	12.0	11.0	3.3	1.1	1.3	1.3	.6	.4				824	15.3	40.9	2.0				
ANNUAL	65.3	14.2	7.9	6.7	2.4	1.5	.7	.7	.4	.1	.0			9887	105.3						

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

701730 STATION INDIAN MOUNTAIN AFS AK 55-84 YEARS

## 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55	3.1	2.6	6.0	2.8	.2	TRACE	.0	TRACE	1.3	3.7	9.1	13.8	6.6
56	8.7	2.6	2.7	4.8	TRACE	TRACE	.0	.0	1.0	6.6	3.0	5.2	8.7
57	2.8	3.4	13.5	3.3	3.1	.0	.0	.0	2.5	1.5	2.0	4.3	13.5
58	1.1	8.0	.9	3.2	.5	.0	.0	.0	1.4	4.6	4.0	2.2	8.0
59	10.4	3.6	.5	1.6	1.8	.0	.0	.0	10.3	10.9	3.5	2.9	10.9
60	.4	.8	.2	7.0	TRACE	.0	.0	.0	2.2	10.5	3.6	8.1	10.5
61	24.7	4.8	9.4	19.4	4.4	TRACE	.0	.9	2.9	3.7	1.6	1.5	24.7
62	3.0	1.0	8.7	2.6	3.0	TRACE	.0	.0	TRACE	.7	.6	2.4	8.7
63	1.4	6.4	2.2	6.3	7.0	TRACE	.0	.0	TRACE	5.2	4.4	5.5	8.7
64	3.3	2.6	7.3	14.6	1.5	.0	.0	.0	.0	.6	4.3	4.1	
65	* 2.0	10.9	.9	1.9	1.3	.0	.0	.0	*TRACE	*TRACE	*TRACE	*TRACE	
66	* 2.0	10.9	.9	1.9	1.3	.0	.0	.0	*TRACE	*TRACE	*TRACE	*TRACE	
67				.4	.4	.3	.0	.0	1.7	3.2	2.1	12.2	8.7
68													
69	* 3.8	1.1	1.5	.3	TRACE	.0	.0	TRACE	.0	1.1	2.1	2.8	* 3.8
70	1.5	5.5	2.6	3.7	.7	.0	.0	.0	2.0	5.1	15.1	6.4	15.1
71	2.3	2.5	.5	.7	1.7	.0	.0	.0	1.8	17.2	2.9	8.0	17.2
72	16.0	.1	4.0	2.3	1.0	TRACE	.0	.0	1.7	19.5	2.2	3.3	19.5
73	* 8.4	4.8	2.8	1.8	TRACE	.0	.0	TRACE	1.5	4.6	11.4	4.2	11.4
74	* 2.9	1.1	4.8	2.9	*TRACE	.8	.0	.0	.8	9.2	7.9	1.0	9.2
75	9.8	3.6	2.4	4.2	.2	.0	.0	.0	.8	6.5	4.8	3.4	9.8
76	2.2	7.8	7.0	1.3	.1	.0	.0	.0	1.5	3.5	3.6	1.2	7.8
77	* 2.9	2.2	5.8	1.5	2.4	.0	.0	.0	TRACE	2.0	1.1	5.0	5.8
78	3.0	1.0	TRACE	4.0	TRACE	.0	.0	.0	6.0	5.0	7.0	8.0	8.0
79	1.0	TRACE	8.2	13.9	.0	TRACE	.0	.0	4.5	5.6	6.3	4.0	13.9
80	4.3	2.9	4.7	3.1	.2	.0	.0	.0	1.0	4.3	2.1	2.8	4.7
81	5.0	5.4	2.4	6.2	.2	.0	.0	.0	4.8	3.3	8.7	1.6	8.7
82	9.7	2.7	4.6	4.2	.4	TRACE	.0	.0	.5	3.5	8.3	2.8	9.7
83	3.8	.8	.4	1.7	TRACE	.1	.0	.2	6.1	5.6	3.9	6.4	6.4
84	3.1	1.6	1.4	2.1	.3	.0	.0	TRACE	.4	2.8	2.8	6.4	6.4
MEAN	5.48	3.53	3.90	4.50	.90	.02	.00	.04	2.26	5.76	5.00	4.60	10.62
S.D.	5.813	2.736	3.403	4.525	1.220	.061	.000	.179	2.438	4.418	3.530	3.363	4.140
TOTAL OBS.	805	729	837	818	838	810	865	867	811	856	827	824	9887

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXX  
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

701730 STATION INDIAN MOUNTAIN AFS AK 55-84 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55	6.7	17.2	20.5	5.4	.2	TRACE	.0	TRACE	1.5	26.2	17.0	40.9	90.3
56	50.3	6.4	5.7	6.9	TRACE	TRACE	.0	.0	2.4	18.4	9.3	10.2	107.2
57	7.2	7.1	22.3	7.9	6.5	.0	.0	.0	4.2	5.1	12.7	15.9	96.3
58	2.3	39.0	2.9	3.7	.9	.0	.0	.0	2.8	17.0	22.5	3.0	90.7
59	36.4	11.7	.9	5.8	2.1	.0	.0	.0	16.1	15.3	16.1	9.0	115.4
60	.4	2.9	.4	14.5	TRACE	.0	.0	.0	2.2	22.5	18.1	26.1	87.1
61	42.4	9.1	20.5	35.6	6.1	TRACE	.0	.9	1.8	20.5	4.0	11.9	152.8
62	9.9	2.4	44.9	9.8	3.3	TRACE	.0	.0	TRACE	2.1	1.2	8.0	81.6
63	4.7	25.9	4.5	20.6	15.4	TRACE	.0	.0	18.5	13.2	13.2	2.0	
64	8.4	6.9	25.7	43.7	3.2	.0	.0	.0	.0	1.6	22.0	17.3	
65	* 2.0	23.3	3.7	4.1	1.9	.0	.0	.0	* TRACE	.1			
66			*	.7	.9	.5	.0	.0	* TRACE	* TRACE			
67									3.7	8.3	7.6	28.0	
68	* 7.2	2.6	3.8	.4	TRACE	.0	.0	TRACE	.0	3.2	12.0	12.3	* 41.5
69	3.8	15.4	15.4	10.9	.8	.0	.0	.0	3.1	18.9	45.6	31.1	145.0
70	6.1	11.6	.8	2.5	2.1	.0	.0	.0	2.6	38.6	15.2	31.5	111.0
71	45.7	.2	9.7	10.5	1.1	TRACE	.0	.0	7.2	47.1	9.5	13.3	144.3
72	* 29.4	5.6	11.4	5.6	TRACE	.0	.0	TRACE	2.6	15.7	21.2	9.7	* 101.2
73	* 6.2	2.6	9.5	4.4	* TRACE	.8	.0	.0	1.3	27.6	17.3	5.4	* 75.1
74	36.9	8.9	9.3	13.7	.2	.0	.0	.0	.8	19.6	12.6	13.4	* 115.4
75	8.7	14.8	24.1	2.2	.1	.0	.0	.0	1.5	21.8	10.2	4.3	87.7
76	* 8.3	7.2	15.0	6.6	2.8	.0	.0	.0	TRACE	9.1	3.8	23.3	* 76.1
77	4.0	4.0	TRACE	9.0	TRACE	.0	.0	.0	7.0	14.0	30.0	35.0	* 103.0
78	1.0	TRACE	28.7	44.1	.0	TRACE	.0	.0	9.0	16.9	37.0	18.9	155.6
79	14.2	9.1	10.6	7.1	.2	.0	.0	.0	3.3	7.3	12.2	5.5	69.5
80	16.5	20.5	6.6	26.1	.2	.0	.0	.0	9.2	12.9	22.9	5.3	120.2
81	11.5	6.3	22.1	15.2	1.3	TRACE	.0	.0	1.0	12.7	29.9	9.4	109.4
82	7.9	3.4	.4	8.5	TRACE	.1	.0	.4	6.8	25.2	12.6	15.1	80.4
83	13.2	7.6	5.9	11.5	1.0	.0	.0	TRACE	.6	14.0	8.6		
84	15.37	10.82	12.05	12.46	1.31	.02	.00	.05	3.71	17.81	16.44	15.27	105.73
MEAN	15.711	9.158	10.977	11.828	1.813	.099	.000	.190	3.809	9.949	10.482	11.064	25.331
S.D.	805	729	837	818	838	810	865	867	811	856	827	824	9887
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**DAILY AMOUNTS**  
 PERCENTAGE FREQUENCY OF  
 (FROM DAILY OBSERVATIONS)

701730 INDIAN MOUNTAIN AFS AK 55-84

STATION NAME STATION NUMBER YEARS

PRECIP. SNOWFALL SNOW- DEPTH	NONE	TRACE	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)	
			.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	GREATEST			LEAST	
			0.1-0.4	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					
	NONE	TRACE	1	2	3	4.6	7.12	13.24	25.36	37.48	49.60	61.120	OVER 120					
JAN	.3	1.3	9.8	5.5	3.5	5.2	19.2	37.6	11.5	4.9	.6	.7		98.3	892			
FEB	.5	2.1	3.3	2.1	7.0	8.5	17.9	38.1	10.1	9.6	.6	.2		97.4	812			
MAR		.2	3.3	2.8	4.1	14.9	20.2	32.5	16.2	3.8	1.1	.8		99.8	899			
APR	.9	1.5	8.2	6.1	5.2	8.5	14.1	38.3	14.8	.9	.5	1.0		97.6	870			
MAY	50.3	12.5	5.7	2.3	1.7	7.8	10.3	8.0	1.3					37.2	896			
JUN	97.7	2.3													899			
JUL	100.0														927			
AUG	100.0														928			
SEP	88.5	5.5	2.8	1.0	.7	1.3	.2							6.0	899			
OCT	19.5	10.2	10.0	12.0	7.0	14.1	16.7	10.0	.5					70.3	930			
NOV	1.4	2.7	6.5	3.9	10.5	19.7	25.8	21.0	8.2	.3				95.9	899			
DEC		.6	3.0	9.1	8.9	8.9	23.5	29.9	13.5	2.6				99.4	897			
ANNUAL	38.3	3.2	4.4	3.7	4.0	7.4	12.3	17.9	6.3	1.8	.2	.2		58.5	10748			

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

## SNOW DEPTH

(FROM DAILY OBSERVATIONS)

701730 STATION INDIAN MOUNTAIN AFS AK 55-84 YEARS

### DAILY SNOW DEPTH IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55														
56		12	23	34	24	2	0	0	0	1	7	16	27	34
57		27	26	23	23	10	0	0	0	2	13	13	16	
58		4	10	14	4	4	0	0	0	4	4	12	19	27
59		15	37	34	13	1	0	0	0	1	15	27	21	27
60		20	10	8	5	1	0	0	0	TRACE	6	10	5	37
61		4	4	2	8	2	0	0	0	10	16	8	10	20
62		64	47	65	69	22	TRACE	0	0	TRACE	6	16	41	41
63		8	4	33	18	13	0	0	0	1	9	7	9	69
64		2	18	11	18	15	0	0	0	0	1	1	6	33
65		7	5	12	29	16	0	0	0	0	14	10	4	18
66		4	15	10	4	1	0	0	0	1	2	13	13	29
67		20	21	23	34	20	0	0	0	0	3	18	18	18
68	*	47*	44	45	36	30	0	0	0	0	1	26	42	42
69		17	17	7	5	0	0	0	0	2	4	5	24	47
70		2	5	5	8	0	0	0	0	0	0	23	5	23
71		34	27	25	22	11	TRACE	0	0	2	8	40	35	40
72		64	62	20	32	23	0	0	0	3	31	31	34	34
73	*	35	38	28	28	14	0	0	0	3	24	28	32	64
74	*	25*	15	20	14	*TRACE	*TRACE*	0	0	2	13	29	29	38
75		45	45	15	22*	15	0	0	0	*TRACE	18	22	12	25
76		16	27	43	21	5	0	0	0	1	17*	13*	20	45
77	*	16	18	27	25	12	0	0	0	1	11	14	18	43
78		19	9	9	12	0	0	0*	0	7	8	17	15	27
79		23	19	20	27	14	0	0	0	5	3	23	26	27
80		27	29	21	19	8	0	0	0	1	6	9	11	29
81		20	27	27	30	22	0	0	0	6	10	26	28	30
82		31	21	34	36	29	0	0	0	0	8	31	19	36
83		14	7	5	5	0	0	0	0	5	18	16	16	18
84		21	17	11	14	10	0	0	0	TRACE	3	4		
MEAN		20.8	21.8	21.8	20.9	10.6	TRACE	.0	.0	2.0	9.4	17.2	19.9	33.6
S.D.		16.8	15.4	14.4	13.6	9.3	.000	.000	.000	2.5	7.3	9.7	10.7	13.2
TOTAL OBS.		892	812	899	870	896	899	927	928	899	930	899	897	10748

NOTE \* (BASED ON LESS THAN FULL MONTHS)



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.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

701730 STATION INDIAN MOUNTAIN AES AK STATION NAME 67-84 YEARS

## DAILY PEAK GUSTS IN KNOTS

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
67			ENE 51	NW 48	NW 33	NE 28	SW 28	SW 28	ENE*31	NE 40	ENE 41	ENE 37	ENE*36	
68		E 53	ENE 66	ENE 42	ENE 28	NE 40	NE 24	W 7	W 25	W 36	W* 31			
69		5/ 45	6/ 47	7/ 42	3/ 28	4/ 35	9/ 31	19/ 26	26/ 23	5* 29	5/ 48	5/ 44	5/ 51	27/ 51
70		5/ 43	6/ 47	5/ 49	6/ 46	4/ 33	5/ 37	1/ 31	5/ 32	5/ 34	6/ 37	5/ 46	7/ 48	5/ 49
71		6* 40	6/ 55	6/ 41	7/ 40	5/ 34	7/ 28	7/ 33	5/ 27	6/ 39	5/ 32	5/ 42	7/ 56	7/ 56
72		24/ 33	7/ 44	6/ 43	5/ 32	3/ 39	1/ 24	28/ 31	19/ 23	5/ 27	5/ 28	25/ 32	8/ 53	8/ 53
73		5* 48	2/ 41	2/ 41	2/ 42	2/ 27	21/ 30	80* 27	7/ 23	6/ 37	4/ 41	3/ 44	7/ 53	7/ 53
74		7/ 56	5/ 49	5/ 42	4/ 28	4/ 35	24 2/	4226/ 42	6/ 43	6/ 43	5/ 45	6/ 49	6/ 53	7/ 56
75		4/ 52	6/ 51	4/ 47	4/ 27	4/ 32	16/ 25	8/ 28	7/ 17	8/ 32	7/ 36	7/ 41	6/ 54	6/ 54
76		8/ 65	11/ 56	24/ 29	36/ 35	7/ 29	30/ 24	8/ 23	13/ 20	3/ 28	5/ 50	7* 48	13/ 22	8/ 65
77		2* 52	9*											
78		6/ 48	7/ 46	6/ 44	9/ 40	4/ 32	24/ 28	17/ 28	4/ 24	4/ 46	2/ 38	7/ 38	7/ 48	4/ 58
79		7/ 42	5/ 42	5/ 50	3/ 36	3/ 25	4/ 26	25/ 24	5/ 27	5/ 40	4/ 40	5/ 50	4/ 43	5/ 50
80		5/ 56	29/ 35	6/ 29	5/ 31	4/ 25	17/ 20	82* 26	3/ 20	5/ 35	5/ 30	5/ 41	11/ 46	5/ 56
81		5/ 59	6/ 51	7/ 47	7/ 40	6/ 29	5/ 26	33/ 22	83/ 22	3/ 34	6/ 41	5/ 35	5/ 36	5/ 59
82		6/ 39	4/ 40	5/ 43	5/ 30	6/ 25	3/ 26	36/ 24	27/ 20	5/ 38	12/ 40	3/ 37		
83														
84														
85														
86														
87														
88														
89														
90														
91														
92														
93														
94														
95														
96														
97														
98														
99														
00														
MEAN		49.3	48.1	42.5	34.4	31.7	26.7	28.4	24.6	36.1	39.3	42.1	47.5	53.8
S.D.		9.226	7.583	6.221	6.010	5.688	3.954	5.284	6.234	5.045	5.893	5.592	9.387	3.694
TOTAL OBS.		446	422	463	459	461	448	443	485	484	517	472	455	5546

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA) \$ (BASED ON LESS THAN FULL MONTHS AND 100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK  
 PERIOD OF RECORD: 77-84  
 MONTH: JAN HOURS:LSL: 0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N												.1	10.0
NNE		.3	.3	.4			.1					1.1	10.6
NE			1.0	3.2	1.1	1.9	.3					7.4	17.4
ENE	.3	.5	4.4	4.8	3.3	1.2						14.5	13.7
E	.3	.2	2.9	2.2	.5							8.1	9.6
ESE	.3	2.1	1.8	.5								4.7	6.8
SE	.8	.7	.7									2.2	5.1
SSE	1.0	.8	1.5	.1								3.4	6.0
S	1.8	.5										2.3	2.6
SSW	1.2	.1										1.4	2.6
SN	1.0	.3	.1									1.4	3.1
WSW	.8	.5	.7	.3								2.3	5.7
W	.3	.5	.3	.3								1.4	6.6
WNW	.4											.4	2.0
NW	.4											.4	2.3
NNW		.1										.1	4.0
VARIABLE	.....												
CAL	////////////////////												
TOTALS	8.5	6.8	13.7	11.8	4.9	3.3	.3					48.1	5.2

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JAN HOURS: 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1											.1	2.0
NNE				.4	.5	.4	.3					1.6	15.1
NE	.1	.1	.7	1.5	2.1	2.5	.4					7.4	19.3
ENE	.4	.8	2.3	4.8	2.5	.8	.1					11.8	13.7
E	.7	1.2	3.8	2.2	.7							10.6	8.9
ESE	1.1	1.8	2.6	.1								5.6	6.3
SE	1.2	1.5	1.0									3.7	4.7
SSE	.5	1.1	.8									2.5	5.6
S	.3	.4	.1									.8	4.7
SSW	1.5	.3										1.8	2.6
SW	.5	.1	.1									.8	3.2
WSW	1.1	.1	.5	.4								2.2	6.1
W	.5	.1	.1	.1								1.0	5.3
WNW	.4	.3										.7	3.6
NW	.1	.3										.4	4.3
NNW	.3	.1										.4	3.0

VARIABLE  
 CALM  
 TOTALS  
 9.1 10.3 12.6 9.7 5.6 3.6 .5  
 48.6 100.0 5.3

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: JAN, MONTHS: 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	.1			.1								.3	8.8
NNE	.1			.1	.4							1.0	13.1
NE	.1		1.5	1.5	1.0	2.3	.4					6.9	17.5
ENE	.5	1.4	3.4	4.1	2.8	1.2	.1					13.7	13.4
E	1.0	2.6	3.4	2.7	.8							10.6	9.0
ESE	1.0	1.0	1.6	.1								3.7	9.9
SE	.8	1.8	1.1	.1								3.8	5.9
SSE	.1	.7	1.0	.1	.1							2.1	7.4
S	1.1	.5										1.6	3.1
SSW	1.2	.1										1.4	2.5
SW	.4		.1	.1								.7	6.3
WSW	1.0	.4	.3	.1								1.8	4.0
W	.5	.5	.3									1.4	4.4
WNW	.1		.1	.3								.5	6.5
NW	.1	.3										.4	4.3
NNW													

VARIABLE  
 CALM  
 TOTALS

TOTAL NUMBER OF OBSERVATIONS: 729

50.2  
 100.0  
 5.1

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: JAN HOURS: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			
N	.1	.1	.1	.1	.1	.1	.1	0.7	0.1	
NNE	.1	.1	.1	.1	.1	.1	.1	0.7	0.1	
NE	.4	.4	1.1	2.1	1.5	.5	.4	6.0	15.7	
NNE	.4	.8	2.6	5.1	2.3	1.5	.5	13.3	14.3	
E	.1	2.2	4.3	1.8	.7	.3	.1	9.2	9.9	
ESE	.4	2.1	2.9	.3				5.6	6.9	
SE	1.5	1.4	1.9					4.8	6.8	
SSE	1.4	.1	.7					2.2	4.0	
S	.7	.7						1.4	3.7	
SSW	.7	.1						.8	2.8	
SW	1.0	.4	.4	.1				1.9	6.4	
WSW	.4	.3	.3					1.0	4.1	
W	.5	.1	.1	.1				1.0	4.9	
WNW	.1		.1					.3	6.0	
NW	.3	.1	.1					.5	6.0	
NNW	.1	.1						.3	3.8	
VARIABLE										
CALM	////////////////////								50.2	11177
TOTALS	7.6	5.1	14.0	9.9	4.0	2.8	1.4	100.0	6.0	

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JAN HOURS (LST): 1200-1400

WIND SPEED IN ANOIS 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN WIND

1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN WIND

0.1 0.1 0.3 0.3 0.7 0.8 0.1 0.3 0.7 9.0 9.0

0.1 0.3 1.6 1.1 1.2 1.2 0.7 0.3 5.2 19.3

0.4 0.3 3.6 4.7 2.7 2.7 0.8 0.1 12.6 13.7

1.0 1.5 4.7 1.2 0.8 0.8 0.1 0.3 9.6 10.0

1.5 3.0 1.6 1.0 1.0 1.0 0.7 0.1 7.1 6.5

1.2 3.0 0.5 0.5 0.5 0.5 0.7 0.4 4.8 4.9

1.4 1.0 0.7 0.7 0.7 0.7 0.4 0.4 3.0 4.5

0.8 0.3 0.4 0.4 0.4 0.4 0.5 1.5 4.4

0.8 0.5 0.5 0.5 0.5 0.5 0.7 1.9 4.5

0.3 0.1 0.7 0.7 0.7 0.7 0.4 1.1 6.0

0.1 0.5 0.4 0.4 0.4 0.4 0.4 1.1 6.0

0.5 0.4 0.1 0.1 0.1 0.1 0.1 1.1 4.4

0.3 0.1 0.3 0.3 0.3 0.3 0.3 0.8 6.3

0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 2.0

VARIABLE

////////////////////// 49.0 77777

8.8 11.2 15.5 8.2 4.9 1.5 0.5 100.0 4.8

TOTALS

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84

MONTH: JAN HOURS: 1500-1700

DIRECTION (DEGREES)

	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N			.1									.4	6.0
NNE	.1		.3				.4					.9	16.0
NE		.4	1.2	1.2	1.9	.7	.4					5.8	16.8
ENE	.6	1.0	3.3	4.6	2.9	.9	.1					13.6	13.6
E	1.6	1.6	4.0	1.3	.6	.3						9.4	8.7
ESE	2.0	1.4	1.6	.7	.1							5.9	6.3
SE	.9	1.6	1.7	.1								4.3	6.0
SSE	1.0	1.6	.3									2.9	4.3
S	.6	.9										1.4	3.7
SSW	.7	1.2										1.9	4.1
SW	.6	.4	.4									1.4	4.5
WSW	.6	.4	.6	.1								1.7	6.2
W	.4	.4	.3									1.2	5.3
NNW	.1	.1										.3	3.0
NW	.1		.4									.6	6.3
NNW			.1	.1								.3	1.0

VARIABLE

CALM

TOTALS

TOTAL NUMBER OF OBSERVATIONS: 693



GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JAN HOURS(LST): 1000-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N													
NNE		.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.6	14.0
NE		.2	.2	1.2	1.5	2.6	1.1	.2				6.7	17.2
ENE	.5	.8	3.2	6.7	1.7	.9	.2					14.6	13.0
E	.3	2.1	3.2	1.1	.3							7.0	8.6
ESE	.8	2.7	1.2	.3	.2							5.2	6.5
SE	1.4	2.4	1.5									5.3	5.3
SSE	1.2	2.1	.2									3.5	4.1
S	1.4	.6	.2									2.1	3.1
SSW	.6	.3	.2									1.1	4.1
SW	.8	1.1	.3									2.1	4.5
WSW	.5	.5	.3	.3								1.5	6.5
W	.2	.3	.5	.2								1.1	7.3
WNW	.2	.6	.2	.2								.9	5.7
NW	.2	.2										.3	3.5
NNW	.2											.2	2.0
VARIABLE	.....												
CALM	//////////////////// 48.0 //												
TOTALS	8.0	13.8	12.7	10.3	4.7	2.0	.5					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 659

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 78-84  
 MONTH: JAN HOURS(LST): 2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	
N	.3		.3					.6
NNE		.5	.9					1.4
NE		.5	1.1	2.3	2.2	1.7	.5	6.1
ENE	.3		3.2	5.4	2.5	1.1		13.1
E	.6	1.4	3.5	1.7	.3			7.5
ESE	1.1	2.2	2.9	.2				6.3
SE	.8	1.4	.9	.3				3.4
SSE	.5	1.7	.3					2.5
S	.9	.2						1.1
SSW	1.1	.3	.2					1.5
SW	.8	.8						1.5
WSW	.3	.3	.8	.2				1.5
W	.5	.6	.6					1.7
WNW	.5	.3						.8
NW	.3	.2						.5
NNW								

VARIABLE

CALM 48.5

TOTALS 7.8 16.8 14.7 10.0 4.9 2.8 .5 100.0 5.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES) WIND SPEED IN KNOTS WIND TOTAL MEAN WIND

	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL
N	.1	.0	.1	.0	.1	.0	.1	.0	.3	.2	.1	.0
NNE	.1	.1	.3	.2	.2	.1	.0	.0	.1	.0	.1	12.6
NE	.0	.2	1.2	1.8	1.7	1.4	.4	.4	1.7	1.4	1.4	6.7
ENE	.4	.8	3.3	5.0	2.6	1.1	.2	.0	1.1	.2	1.1	13.4
E	.7	2.1	3.7	1.8	.6	.1	.0	.0	.1	.0	.0	9.0
ESE	1.0	2.0	2.0	.4	.0	.0	.0	.0	.4	.0	.0	5.5
SE	1.1	1.7	1.2	.1	.0	.0	.0	.0	.1	.0	.0	4.0
SSE	.9	1.1	.7	.0	.0	.0	.0	.0	.7	.0	.0	2.7
S	.9	.5	.1	.0	.0	.0	.0	.0	.1	.0	.0	1.5
SSW	1.0	.4	.1	.0	.0	.0	.0	.0	.4	.0	.0	1.5
SW	.7	.4	.3	.0	.0	.0	.0	.0	.3	.0	.0	1.4
WSW	.6	.4	.5	.2	.0	.0	.0	.0	.4	.2	.0	1.6
W	.4	.4	.3	.1	.0	.0	.0	.0	.3	.1	.0	1.2
WNW	.3	.2	.1	.1	.0	.0	.0	.0	.2	.1	.0	.6
NW	.2	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.4
NNW	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2

VARIABLE

CALC 48.9

TOTALS 8.5 16.5 14.0 9.7 5.1 2.7 .5 .1 100.0 5.0

TOTAL NUMBER OF OBSERVATIONS: 5648

GLOBAL CLIMATOLOGY BRANCH  
 USAF/CIAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: FEB HOURS(1,SI): 0000-0200

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N				.4	.4							.9	16.3
NNE	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.2	9.6
NE	.1		1.2	1.5	.6	.1	.1					3.6	13.0
ENE	.4	1.9	4.0	5.2	.6	.1						12.3	10.7
E	1.2	3.0	3.7	.6	.3	.1						8.9	7.3
ESE	1.3	1.9	1.2	.4	.1	.1						5.3	7.8
SE	1.0	1.8	.9									3.7	5.0
SSE	.7	1.8	.7									3.3	5.1
S	.7	1.3	.3	.1								2.5	4.8
SSW	1.8	.9	.1									2.8	3.3
SW	.7	.1	.3									1.2	3.9
WSW	.9	.3	.4									1.6	4.4
W	.3	.3	.1	.3								1.0	7.0
WNW	.4	.4	.3	.3								1.2	6.4
NW	.4	.1	.4	.1								1.2	7.3
NNW			.1									.1	8.0

VARIABLE

CALM	////////////////////////												49.2	////////
TOTALS	10.7	14.1	13.8	9.0	2.4	.6	.1	.1	.1	.1	.1	100.0	4.0	

TOTAL NUMBER OF OBSERVATIONS: 675

GLOBAL CLIMATOLOGY BRANCH  
 (SAFETAC  
 AIR WEATHER SERVICE/HAC  
 PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: FEB HOURS(LS): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-32	34-40			41-47	48-55	GE 56
N	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.6	15.3
NNE	.1	.4	.6	.4	.1	.1	.1	.1	.1	.1	.1	1.8	8.9
NE	.1	.3	1.6	1.5	1.0	.1	.1	.1	.1	.1	.1	4.9	13.3
ENE	.3	1.9	2.2	4.7	2.7	.4	.1	.1	.1	.1	.1	12.3	12.3
E	1.5	1.3	2.2	1.8	.3	.1	.1	.1	.1	.1	.1	7.3	8.7
ESE	.7	2.7	.9	.1	.1	.1	.1	.1	.1	.1	.1	4.3	5.3
SE	.6	1.0	.6	.1	.1	.1	.1	.1	.1	.1	.1	2.2	5.1
SSE	1.0	1.5	.6	.4	.1	.1	.1	.1	.1	.1	.1	3.6	5.7
S	3.0	.7	1.0	.3	.1	.1	.1	.1	.1	.1	.1	5.0	4.6
SSW	.7	1.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.8	3.4
SW	.9	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.5	2.8
WSW	.4	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.9	3.7
W	.7	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.3	6.6
WNW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.6	8.0
NW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	20.0
NNW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	8.3
VARIABLE	.....												
CALM	////////////////////												
TOTALS	10.5	12.4	10.1	9.9	4.3	1.0	.3	.3	.3	.3	.3	100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 675

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 LSAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: FEB HOURS(S): 0600-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND
	1-3	4-7	7-10	11-16	17-21	22-27	28-33		
N	.1	.1	.1	.3	.1	.1	.9	10.3	
NNE	.3	.7	.6	.4	.4	.1	2.7	10.3	
NE	.1	.4	1.2	1.8	.7		4.3	12.2	
ENE	.4	1.6	2.7	4.4	1.5	.4	12.5	13.5	
E	1.8	1.5	1.9	.4	.1	.1	6.0	7.2	
ESE	1.2	2.2	.9	.3		.1	4.7	5.9	
SE	1.2	1.8	.7	.3			4.0	5.5	
SSE	.7	1.2	.6	.3			2.8	5.7	
S	.7	.7	.6				2.1	4.9	
SSW	1.2	.3					1.5	2.5	
SW	.9	.7					1.6	3.5	
WSW	.6	.3	.3				1.2	4.6	
W	.4	.7	.1	.1			1.5	5.0	
WNW	.1	.1	.3				.4	10.3	
NW	.1	.6	.1	.1	.1		1.2	7.9	
NNW	.1	.1	.1				.3	7.0	

VARIABLE  
 CALM  
 TOTALS

9.9 11.3 10.0 8.8 3.1 1.9 .6  
 52.4 100.0 4.1

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 LSAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL WIND					
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		41-47	48-55	GE 56		
N	.3	.1	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.0	8.1
NNE	.1	.1	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.9	9.5
NE	.1	.3	.3	2.1	1.5	1.8	.4	.1	.1	.1	.1	.1	6.3	14.0
ENE	.7	.9	.9	2.4	3.7	1.6	.4						9.7	12.2
E	.4	3.2	3.1	1.2	.3	.3							8.3	8.0
ESE	1.9	2.5	1.3	.4	.4	.4							6.6	6.3
SE	1.2	1.6	.9	.1									3.8	5.0
SSE	.4	.4	.1										1.0	4.3
S	1.0	.7	.3										2.1	4.1
SSW	1.0	.6											1.6	3.4
SW	.9	.1	.1										1.2	3.4
WSW	.4	.1	.3										.9	5.0
W	.3	.4	.7										1.5	6.3
WNW	.3	.3	.4										1.0	5.1
NW	.3	.1	.4	.3									1.2	7.5
NNW	.1	.3											.4	4.0

VARIABLE

CALM	9.7	12.1	12.8	7.8	4.1	.9	.1						52.4	111.1
TOTALS													100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: FEB HOURS(UT): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND SPEED				
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55	GE 56
N	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	15.3
NNE	.1	.1	.1	.4	.1	.1	.1	.1	.1	.1	.1	.9	10.2
NE	.6	.6	1.9	1.8	.9	.3	.3	.3	.3	.3	.3	5.5	12.4
ENE	.3	2.1	4.3	4.4	1.8	.9	.3	.3	.3	.3	.3	14.0	12.1
E	1.9	3.2	6.2	.6	.1	.1	.1	.1	.1	.1	.1	12.1	7.0
ESE	3.1	2.2	1.9	.9	.6	.6	.6	.6	.6	.6	.6	8.7	6.5
SE	.7	1.8	1.2	.1	.1	.1	.1	.1	.1	.1	.1	3.7	5.3
SSE	.6	1.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.8	3.9
S	1.2	.6	.6	.1	.1	.1	.1	.1	.1	.1	.1	1.9	4.7
SSW	.6	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.9	3.0
SW	.1	.7	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.0	4.6
WSW	.4	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.2	4.4
W	.3	.3	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.2	7.4
WNW	.1	.4	.7	.1	.1	.1	.1	.1	.1	.1	.1	1.5	7.3
NW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	6.0
NNW	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	7.0

VARIABLE

CALM 44.4

TOTALS 9.7 13.7 18.1 8.8 3.5 1.2 .4 100.0 4.7

TOTAL NUMBER OF OBSERVATIONS: 678



GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND					
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55	56	
N	.1	.1	.3	.3	.3	.3	.3	.3	.3	.3	.3	3.0	1.2	10.6
NNE	.1	.1	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
NE	.3	.3	1.3	2.1	.9	.3	.3	.3	.3	.3	.3	.3	4.9	13.0
ENE	1.0	1.6	6.2	3.5	1.9	.3	.3	.3	.3	.3	.3	.3	14.6	10.8
E	2.1	4.9	5.5	1.3	.3	.1	.1	.1	.1	.1	.1	.1	14.2	7.2
ESE	2.4	3.8	1.6	.3	.3	.1	.1	.1	.1	.1	.1	.1	8.6	6.0
SE	2.2	.9	1.0	.4	.1	.1	.1	.1	.1	.1	.1	.1	4.3	4.8
SSE	.1	.7	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	1.3	6.0
S	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	1.8	4.5
SSW	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.7	2.8
SW	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.7	3.6
WSW	.6	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.3	4.9
W	1.0	.1	.1	.4	.4	.4	.4	.4	.4	.4	.4	.4	1.6	6.8
WNW	.1	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.0	7.6
NW	.4	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.6	5.5
NNW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	5.5
VARIABLE	.....													
CALM	////////////////////////////////////												42.6	////
TOTALS	10.5	15.9	17.8	8.4	3.8	.9	.9	.9	.9	.9	.9	.9	100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: FEB HOURS(LSI): 1800-2000

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.2			.2	.2							.5	10.7
NNE		.5		.2	.3							1.4	10.3
NE		.3	1.4	1.5	.3	.3						3.8	12.5
NNE	.5	2.1	5.8	4.8	1.2	.2						14.6	10.7
E	1.4	2.0	4.1	1.1	.2							8.7	7.6
ESE	1.7	2.5	1.2	.3	.2							5.8	5.6
SE	.8	2.6	1.8									5.2	6.0
SSE	1.8	1.1	.6									3.5	4.2
S	1.4	.6										2.0	2.8
SSW	.9	.5										1.4	3.1
SW	1.2	.5										1.7	2.9
WSW	.9	.2										1.1	3.0
W	.8	.5	.5	.6								2.3	7.1
WNW	.3	.3	.2	.2								.9	6.0
NW		.2		.3								.5	10.3
NNW			.2	.3								.5	11.3

VARIABLE  
 CALM  
 TOTALS  
 11.8 13.7 16.3 9.4 2.1 .6  
 46.2

TOTAL NUMBER OF OBSERVATIONS: 652

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: FEB MONTH: JULY 2100-2100  
 WIND SPEED IN KNOTS 34-40 41-47 48-55 56 TOTAL MEAN WIND

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	.2											1.0	1.0
NNE		.3		.6	.3	.3						1.6	14.7
NE			1.7	2.7	.9	.2						5.5	13.2
ENE		.8	1.1	4.2	4.9	1.7	.2					12.9	11.4
E		.9	2.3	3.0	.2	.3						6.7	7.7
ESE		.6	3.1	1.7	.3							5.0	6.0
SE		1.2	2.3	.2								3.7	4.9
SSE		1.3	1.3	.2								2.7	3.8
S		1.4	.3	.5								2.2	3.4
SSW		1.6	1.3	.5								3.4	4.0
SW		1.6	.8	.2								2.6	3.6
WSW		.6	.8	.2								1.6	3.8
W		.5	.2	.2								.8	3.6
WNW		.2	.2	.6	.2	.3						1.4	10.6
NW		.2	.3	.3								.8	6.2
NNW		.2	.2	.2								.6	6.3
VARIABLE													
CALM													
TOTALS	11.6	14.7	15.0	9.5	3.6	.6						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 639

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70173. STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS: 12-11  
ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-58	GE 56	TOTAL	MEAN WIND
N	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1
NNE	.2	.3	.3	.4	.2	.1	.0	.0	.0	.0	.0	.0	.1
NE	.1	.1	1.6	1.8	.9	.2	.0	.0	.0	.0	.0	4.9	13.0
ENE	.6	1.7	4.0	4.4	1.6	.5	.1	.0	.0	.0	.0	12.9	11.7
E	1.4	2.7	3.0	1.0	.2	.1	.0	.0	.0	.0	.0	9.2	7.5
ESE	1.6	2.6	3.3	.4	.2	.1	.0	.0	.0	.0	.0	6.2	6.2
SE	1.2	1.7	1.0	.1	.0	.0	.0	.0	.0	.0	.0	4.0	5.2
SSE	.8	1.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	2.8	4.9
S	1.3	.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.4	4.1
SSW	1.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.3
SW	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.5
WSW	.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.2
W	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	1.4	6.4
WNW	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	1.0	7.5
NW	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.7	7.6
NNW	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	7.1

VARIABLE	10.5	13.7	14.2	9.0	3.4	1.0	.2	.0	.0	.0	.0	48.0	100.0	4.3
CALM	////////////////////													
TOTALS	10.5	13.7	14.2	9.0	3.4	1.0	.2	.0	.0	.0	.0	48.0	100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 5353

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAR HOURS(UT): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN ANOIS						TOTAL	MEAN WIND SPEED				
	1-3	4-6	7-10	11-16	17-21	22-27			28-33	34-40	41-47	48-55
N	.3	.4	1.1	.4	.4	.4	.3				2.6	9.7
NNE	.4	2.0	2.8	1.3	.1	.1	.4				6.9	13.3
NE	.4	2.7	5.1	6.9	3.0	.7	.1				18.8	12.3
ENE	.7	4.6	2.7	1.3			.1				9.4	7.2
E	1.9	.9	1.1	.1							4.0	4.9
ESE	1.5	2.2	.8	.1							4.4	4.6
SE	1.2	.8	.1								2.2	3.6
SSE	1.1	.5	.1								1.7	3.1
S	.8	.7	.3								1.7	4.3
SSW	.7	.5	.7								1.9	5.3
SW	.1	.7	.4								1.2	5.4
WSW	.5	.7	.1	.1							1.5	5.1
W	.9	.4	.1								1.5	3.7
WNW	.1	.1									.3	4.0
NW	.3										.3	2.0
NNW												
VARIABLE	////////////////////////////////////											
TOTALS	10.5	15.6	14.9	11.8	4.7	.8	.3	.1			100.0	5.1
TOTAL NUMBER OF OBSERVATIONS:	744											

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: MAR HOURS: 0300-0500

DIRECTION (DEGREES) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN WIND

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N						.3							11.5
NNE		.3	.8	.5		.3						1.9	11.9
NE	.3	.4	1.5	2.7	1.3	.5		.1				6.9	13.7
ENE	1.2	1.1	5.1	5.6	3.5	1.2						17.2	12.6
E	1.1	3.5	3.4	1.1	.3	.3						9.5	7.7
ESE	.5	1.6	1.9	.4								4.4	6.5
SE	1.5	2.2	.3									3.9	4.4
SSE	2.2	1.1	.3									3.5	3.3
S	1.5	.5	.1									2.2	3.1
SSW	.3	.3										.5	3.8
SW	1.1	.3	.4									1.7	4.3
WSW	.3	.1	.1	.1								.7	6.0
W	1.1	.8										1.9	3.6
WNW	.3	.3	.1									.4	7.7
NW	.7	.3										.9	3.0
NNW	.1	.1										.1	6.0
VARIABLE	.....												
CALM	////////////////////												
TOTALS	11.6	12.8	13.8	10.9	5.1	2.3		.1				100.0	5.1
TOTAL NUMBER OF OBSERVATIONS:	744												

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTHS: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND				
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55	56
N													
NNE	.1	.1	.7	.3	.1							1.3	9.8
NE	.1	.8	2.2	3.1	2.6	.5	.1					9.4	14.0
ENE	.4	1.9	4.0	4.8	2.7	1.1						14.9	12.5
E	1.1	4.0	2.8	.4	.4							8.7	6.8
ESE	2.3	4.0	1.2	.4								7.9	5.2
SE	1.1	1.7	.7									3.5	4.5
SSE	.7	.7										1.3	3.5
S	.4	1.2										1.6	3.8
SSW	.9	.4	.3									1.6	3.9
SW	.5	.5	.4									1.5	5.2
WSW	.1	.3										.4	4.3
W	.3	.4										.7	4.2
WNW	.1	.4	.1									.7	4.4
NW	.3	.3										.5	3.0
NNW													
VARIABLE	.....												
CALM	////////////////////												
TOTALS	8.5	16.8	12.4	9.0	5.8	1.6	.1					45.8	4.8

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIPATCLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAR HOURS: 0900-1100

DIRECTION (DEGREES) WIND SPEED IN KNOTS TOTAL MEAN WIND

	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL
N	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3
NNE	.7	.7	.6	.4	.4	.4	.4	.4	.4	.4	.4	2.6
NE	.4	.5	2.0	1.5	2.3	.7	.7	.7	.7	.7	.7	7.4
ENE	.8	.9	5.6	5.6	3.2	.7	.4	.4	.4	.4	.4	17.3
E	2.3	3.8	4.2	1.2	.1	.1	.1	.1	.1	.1	.1	11.6
ESE	1.9	3.6	1.6	.4	.4	.4	.4	.4	.4	.4	.4	7.5
SE	2.0	2.2	1.1	.1	.1	.1	.1	.1	.1	.1	.1	5.4
SSE	.8	.7	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.7
S	.9	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.7
SSW	.7	.7	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.6
SW	.3	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.1
WSW	.1	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.8
W	.1	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4
WNW	.3	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.9
NW	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5
NNW												.5
TOTALS	11.7	15.9	16.7	9.3	5.6	1.3	.4	.4	.4	.4	.4	100.0

VARIABLE  
 CALM 39.1  
 TOTAL NUMBER OF OBSERVATIONS: 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56	
N	.1	.1	.3									.5	7.3	
NNE	.4	.4	.5	1.2								2.6	9.4	
NE	.3	.5	1.1	2.7	.5							5.1	11.4	
ENE	1.6	2.7	7.3	7.3	1.7	.8	.1					21.5	10.8	
E	3.9	5.6	5.5	1.9	.4	.1						17.6	7.1	
ESE	5.9	5.8	2.4	.4								14.5	4.6	
SE	2.8	5.1	1.3	.1								9.4	4.7	
SSE	1.6	.5	.1									2.3	2.9	
S	.4	.7		.1								1.2	4.7	
SSW	.8	.1	.5	.1								1.6	5.1	
SW			.5									.5	5.5	
WSW	.4	.7	.4									1.5	5.2	
W	.3	.1	.1									.5	4.5	
WNW	.1	.1	.1									.4	4.7	
NW	.1	.3	.1									.5	4.8	
NNW		.1										.1	4.0	
VARIABLE	.....													
CALM	////////////////////												20.0	////
TOTALS	18.8	23.5	19.6	14.1	2.7	.9	.1	.1				100.0	5.9	
TOTAL NUMBER OF OBSERVATIONS:													744	

GLOBAL CLIPATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAR HOURS(LSI): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL WIND					
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		34-40	41-47	48-55	GE 56	
N	.3							.3				4.5	
NNE	.9	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	8.1	
NE	.1	.7	2.7	2.8	.7	.1						7.1	11.5
ENE	1.7	3.6	8.6	5.9	1.5	.4						21.8	10.0
E	3.4	7.0	6.5	3.1		.1						20.3	7.4
ESE	6.5	6.5	1.6									14.5	4.0
SE	3.9	2.4	.3									6.6	3.1
SSE	1.1	.4	.1									1.6	3.7
S	.4	.9	.5									1.9	5.5
SSW	.7	.7	.3									1.6	4.3
SW	.4	.4	.3	.3								1.3	6.2
WSW	.1	.4	.1	.1								.8	6.3
W	.4	.7	.4									1.5	5.4
WNW	.4	.9	.7									2.0	5.6
NW	.1	.3	.3	.1								.8	6.8
NNW													
VARIABLE	.....												
CALM	//////////////////// 16.0												
TOTALS	19.2	26.1	23.0	12.6	2.2	.7	.3	100.0	6.1				

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIPATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: MAR HOURS: 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47
N	.4	.1	.4	.3	.1	.3	.1	.1	.8	5.7	
NNE	.4	.8	.9	.4	.4	.4	.9	.4	2.6	7.1	
NE	.1	1.3	3.4	2.7	.9	.9	.9	.9	8.5	10.7	
ENE	1.2	4.0	7.8	5.3	2.2	.1	.1	.1	20.8	9.9	
E	2.3	4.2	4.7	1.1	.9	.9	.9	.9	13.2	7.3	
ESE	1.8	2.3	.9	.9	.9	.9	.9	.9	5.0	4.4	
SE	1.3	1.5	.5	.5	.5	.5	.5	.5	3.4	4.1	
SSE	.9	.3	.3	.3	.3	.3	.3	.3	1.2	3.0	
S	.8	.8	.1	.1	.1	.1	.1	.1	1.8	3.7	
SSW	2.0	.3	.3	.3	.3	.3	.3	.3	2.6	3.0	
SW	1.1	1.1	.4	.1	.1	.1	.1	.1	2.7	4.6	
WSW	.7	.3	.5	.3	.3	.3	.3	.3	1.8	6.7	
W	.7	1.1	.1	.1	.1	.1	.1	.1	2.0	4.5	
WNW	.5	.3	.8	.8	.8	.8	.8	.8	1.6	5.9	
W	.3	.5	.3	.3	.3	.3	.3	.3	1.1	4.5	
NNW											

VARIABLE	TOTALS								TOTAL NUMBER OF OBSERVATIONS:
CALM	14.6	18.9	20.9	10.3	4.0	.1	.1	.1	741
TOTALS	31.0								5.2

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAR HOURS: 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN ANOIS							TOTAL %	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55
N	.5	.4									.9	6.0
NNE		1.3	.9								2.3	10.9
NE	.1	.7	3.6	3.9	.8	.3					9.4	11.8
ENE	.1	2.2	6.7	5.4	1.9	.5	.5	.1			17.5	12.2
E	1.8	3.2	2.8	1.2	.4		.1				9.6	7.8
ESE	1.2	1.2	1.2								3.6	4.9
SE	1.3	.8	.3								2.4	3.3
SSE	.7	.7	.1	.1							1.6	4.8
S	1.6	.4	.4								2.4	3.5
SSW	1.3	.7	.4								2.4	3.8
SW	1.8	.8	.3								2.8	3.6
WSW	1.1	.3	.4	.3							2.0	5.4
W	.5	.3	.7	.1							1.6	6.0
WNW	.3	.4	.4								1.1	5.5
NW	.5	.5	.1								1.2	3.4
NNW	.1										.1	3.0
VARIABLE	.....											
CALM	////////////////////											
TOTALS	12.6	12.7	19.3	12.0	3.1	.8	.7	.1			38.7	5.2
TOTAL NUMBER OF OBSERVATIONS:	741											

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTHS: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56	
N	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	7.0	
NNE	.2	.5	.9	.6	.1	.0							2.2	9.1
NE	.2	.7	2.3	2.8	1.3	.3	.0	.0					7.6	12.6
ENE	.9	2.4	6.3	5.9	2.5	.7	.2	.0					18.8	11.5
E	2.1	4.5	4.1	1.4	.3	.1	.0	.1					12.5	7.3
ESE	2.7	3.2	1.5	.2									7.7	4.8
SE	1.9	2.3	.7	.0									4.9	4.3
SSE	1.1	.6	.1	.0									1.9	3.6
S	.9	.7	.2	.0									1.8	3.8
SSW	.9	.5	.3	.0									1.7	4.0
SW	.7	.6	.3	.1									1.7	4.7
WSW	.4	.4	.3	.1									1.1	5.6
W	.5	.5	.2	.1									1.3	4.8
WNW	.3	.4	.3	.0									1.1	5.1
NW	.3	.3	.1	.0									.7	4.1
NNW	.1	.0											.1	3.4
VARIABLE	////////////////////////////////////												34.4	177777
CALM	////////////////////////////////////												100.0	5.3
TOTALS	13.4	17.8	17.6	11.3	4.2	1.1	.2	.1						

TOTAL NUMBER OF OBSERVATIONS: 5946

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: APR HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN MPH						TOTAL	MEAN WIND										
	1-3	4-6	7-10	11-16	17-21	22-27			28-33	34-40	41-47	48-55	GE 56					
N	.3	.3	.3	.3	.3	.3	.8	8.0										
NNE		.4	.6	.8			1.8	9.7										
NE	.7	1.8	2.6	2.6	.6		8.3	9.7										
ENE	.6	2.5	3.7	1.7	.4		8.9	8.5										
E	1.4	1.9	1.4	.1			4.9	5.5										
ESE	.7	.8	1.0				2.5	5.1										
SE	.6						.6	2.3										
SSE	.7	.3	.1				1.1	3.9										
S	.8	.7		.1			1.7	4.3										
SSW	2.8	1.0	.1	.1			4.0	3.4										
SW	2.2	1.1	.4				3.7	3.8										
WSW	1.4	1.7	1.0	.1			4.2	5.3										
W	1.9	1.7	.3	.1	.1		4.2	4.6										
WNW	1.0	.8	.8				2.6	4.8										
NW	.4	.7	.4	.1			1.7	6.0										
NNW		.1					.1	6.0										
VARIABLE	////////////////////////////////////												46.9	////				
CALM	////////////////////////////////////												100.0	3.3				
TOTALS	15.4	15.6	12.8	6.2	1.1													

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: APR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55	GE 56
N	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.6	12.3
NNE	.3	.3	.4	.3	.4	.3	.4	.3	.4	.3	.4	1.0	9.3
NE	.4	.6	1.9	1.5	.8	.1	.1	.1	.1	.1	.1	5.4	11.2
ENE	1.0	1.5	3.9	3.9	.4	.1	.1	.1	.1	.1	.1	10.8	10.1
E	.8	1.8	1.0	.1	.1	.1	.1	.1	.1	.1	.1	3.7	5.7
ESE	.3	1.2	.4	.4	.4	.4	.4	.4	.4	.4	.4	1.9	5.1
SE	.7	1.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.8	4.1
SSE	.6	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	1.4	3.7
S	1.0	.8	.4	.4	.4	.4	.4	.4	.4	.4	.4	2.2	5.3
SSW	1.2	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.9	3.4
SW	.8	1.5	.7	.7	.7	.7	.7	.7	.7	.7	.7	3.1	4.9
WSW	1.1	1.2	.7	.7	.7	.7	.7	.7	.7	.7	.7	3.1	4.8
W	1.2	1.1	.4	.4	.4	.4	.4	.4	.4	.4	.4	2.9	5.1
WNW	.7	.1	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.1	4.4
NW	.1	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	1.4	6.2
NNW	.1	.1	.3	.3	.3	.3	.3	.3	.3	.3	.3	.7	8.0

VARIABLE

CALH

TOTALS 10.6 13.1 10.8 6.8 1.5 .3 56.9

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: APR HOURS(LIST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL WIND	MEAN WIND		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47
N	.1	.1	.1	.1	.3	.1	.1	.3	.7	16.6	
NNE	.1	.1	.3	.3	.1					1.0	9.7
NE	.6	.4	1.0	1.7	.7	.4				4.7	12.3
ENE	1.1	1.2	3.5	3.3	1.1	.1				11.1	10.3
E	1.1	1.9	1.8	.3	.1					5.3	6.3
ESE	1.4	1.4	.8							3.6	4.7
SE	1.4	1.0								2.4	3.3
SSE	1.1	1.0	.3							2.4	3.8
S	.7	.7	.3							1.7	4.4
SSW	1.1	1.1	.1							2.4	3.9
SW	.3	.6	.3							1.1	5.3
WSW	.6	1.2	.6	.1						2.5	5.8
W	.6	.4	.6	.1						1.7	5.9
WNW	.6	.3								.8	3.5
NW	.6	.3	.7							1.5	5.9
RNW		.4								.4	5.0
VARIABLE	.....										
CALM	//////////////////// 56.8 //										
TOTALS	11.1	12.8	10.3	6.0	2.4	.7				100.0	3.2
TOTAL NUMBER OF OBSERVATIONS:	720										



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84

MONTH: APR HOURS: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL MEAN WIND					
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		41-47	48-55			
N					.1									
NNE		.1	.1	.4		.3				.1			1.2	9.4
NE		.8	.3	2.8	1.7	.6							6.1	10.1
ENE		1.2	2.2	4.2	5.0	.4							13.1	9.6
E		3.1	4.0	4.0	.1	.1							11.4	5.6
ESE		3.6	4.3	2.1									10.0	4.6
SE		2.4	3.2	.8									6.4	4.3
SSE		.6	1.5	.1									2.2	4.3
S		.3	.4	.7									1.4	5.6
SSW		.6	1.5	.3									2.4	4.2
SW		.7	1.1	.1	.1								2.1	5.8
WSW		.1	1.5	.7	.3								2.6	7.1
W		.1	.6	.6	.6								1.8	6.0
WNW			.6	.1									.7	5.6
NW			.1	.3									.4	6.7
NNW		.3	.1	.4	.1	.1							1.1	7.9
VARIABLE	////////////////////													
CALM	////////////////////													
TOTALS	14.0	21.8	17.8	8.5	1.5	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATELOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS: 00-23

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	.1	.1	.6	.1	.1	.1	.1	.1	.1	.1	.1	1.0	0.9
NNE	.3	.8	.8	.4	.4	.4	.4	.4	.4	.4	.4	2.4	1.4
NE	.3	1.0	2.8	2.5								6.5	3.9
ENE	1.1	3.2	7.6	3.1	1.0							16.1	9.0
E	2.1	6.1	6.1	.7	.1							15.2	8.4
ESE	1.2	6.0	2.6	.1								10.0	5.6
SE	2.5	4.2	.7									7.4	4.2
SSE	1.1	1.8	.4									3.3	4.6
S	1.9	1.8	.4									4.2	3.0
SSW	1.9	2.2	1.0									5.1	4.8
SW	.8	1.2	.7	.1								2.9	5.2
WSW	.4	1.7	.4	.4								2.9	6.8
W	.4	.7	.7	.4								2.2	6.7
WNW	.4	.7	.7									1.8	6.8
NW	.4	.6	.8									1.8	6.4
NNW	.1	.1	.1	.1								.4	9.0
VARIABLE													
CALC													
TOTALS	15.1	32.2	26.7	7.9	1.1							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: APR HOURS: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.1	.1	.7	.1							1.1	7.6
NNE	.3	1.0	1.4	.6							3.2	7.6
NE	.6	1.8	4.7	1.8	.3						9.2	9.0
ENE	.8	4.4	8.5	3.3	.1						17.2	8.5
E	2.2	5.7	5.7	.4							14.0	6.0
ESE	3.7	4.2	1.2								9.9	4.3
SE	2.2	2.9	.3								5.4	3.7
SSE	.6	1.5	.1								2.2	4.3
S	1.5	1.0	.8								3.3	4.6
SSW	1.2	1.5	.8								3.6	4.7
SW	1.1	1.9	.6	.1							3.7	5.3
WSW	.7	2.8	.6	.4							4.4	5.7
W	1.1	1.5	1.8	.1							4.6	5.7
WNW		1.1	1.5	.3							2.9	7.7
NW		1.0	2.4	.4							3.7	7.7
NNW	.1	.4	.8	.1							1.5	7.5
VARIABLE	.....											
CALM	////////////////////											
TOTALS	16.4	33.6	31.9	7.8	.4						100.0	5.9
TOTAL NUMBER OF OBSERVATIONS:	720											

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: AFR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND				
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55	GE 56
N	.1	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	1.0	10.0
NNE	.3	1.6	2.5	.3	.1							4.9	7.5
NE	1.6	4.8	6.6	1.8								14.8	7.4
ENE	1.8	4.5	7.0	2.1								15.4	7.5
E	4.2	3.9	2.2	.4								10.8	5.0
ESE	1.9	1.6	.4									4.0	3.9
SE	1.3	.6										1.9	2.8
SSE	1.0	.1	.3									1.5	3.7
S	.7	1.2										1.9	3.8
SSW	.7	1.2	.1									2.1	4.1
SW	2.2	.9	.6									3.7	3.7
WSW	.7	2.1	.4									3.3	4.7
W	1.0	2.4	.6									4.0	4.6
WNW	1.0	2.2	1.5	.3								5.1	5.9
NW	.6	1.5	1.8	.1								4.0	6.3
NNW	.4	.6	.9									1.9	5.9

VARIABLE  
 CALM  
 TOTALS 19.9 25.5 25.6 5.5 .1 19.3 100.0 4.9

TOTAL NUMBER OF OBSERVATIONS: 668

GLOBAL CLIPATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: AFR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.3	.5	.3	.2	.2							1.2	6.3
NNE	.3	.6	1.4	.9	.2							3.4	8.9
NE	1.6	4.4	5.6	2.0	.2							13.7	7.7
ENE	1.4	3.0	5.3	2.3	.5							12.5	8.1
E	.6	1.4	1.1									3.1	5.4
ESE	1.1	.3										1.4	2.9
SE	.8	1.1										1.9	3.3
SSE	.8	.3										1.1	2.9
S	.5	.2	.2	.3								1.1	6.4
SSW	1.4	.2										1.6	2.1
SW	2.0	1.2	.9	.2								4.4	4.6
WSW	1.4	1.4	.3									3.1	3.9
W	1.1	1.1	.5	.2								2.8	4.8
NNW	.8	2.0	.3	.2								3.3	5.2
NW	.3	1.6	1.1	.3								3.3	6.5
NNW	.6	.5	.3									1.4	4.2

VARIABLE  
 CALM  
 TOTALS

15.0 19.6 17.3 6.5 .8  
 40.8  
 100.0 3.7

TOTAL NUMBER OF OBSERVATIONS: 642

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: AFR. HOURS: 12:00-18:00 ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL WIND		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	66-75			
N	.1	.1	.3	.2	.1	.0								.9	9.8
NNE	.2	.6	.9	.5	.1	.0								2.3	8.3
NE	.8	1.8	3.4	2.0	.4	.1								8.5	9.1
ENE	1.1	2.9	5.5	3.1	.5	.0								13.1	8.9
E	1.9	3.4	2.9	.3	.0									8.6	5.8
ESE	1.8	2.6	1.1	.0										5.5	4.7
SE	1.5	1.8	.2											3.5	3.9
SSE	.8	.9	.2											1.9	4.1
S	.9	.9	.3	.1										2.2	4.5
SSW	1.4	1.2	.3	.0										2.9	4.0
SW	1.3	1.2	.5	.1										3.1	4.7
WSW	.8	1.7	.6	.2										3.3	5.5
W	.9	1.2	.7	.2	.0									3.0	5.4
WNW	.6	1.0	.7	.1										2.3	5.7
NW	.3	.8	1.0	.1										2.2	6.6
NNW	.2	.3	.4	.1	.0									.9	6.6
VARIABLE	.....														
CALM	//////////////////// 35.8														
TOTALS	14.6	22.2	19.1	6.9	1.1	.1								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 5630

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84

MONTH: MAY HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL WIND					
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		41-47	48-55	56		
N	.1	.3	.7									1.1	6.9	
NNE	.3	.4	.7	.4		.1							1.9	9.0
NE	.4	2.3	5.2	2.6	.8								11.3	9.6
ENE	.5	2.3	2.3	1.2	.3								6.6	8.2
E	.5	.7	.4										1.6	5.1
ESE	.1	.1											.3	3.5
SE	.5		.1										.7	3.8
SSE	.8	.1											.9	2.6
S	1.1	.8											1.9	3.4
SSW	2.3	.3											2.6	2.5
SW	2.6	.8											3.4	2.7
WSW	2.2	1.1	.4										3.6	3.6
W	3.8	1.7	.3										5.8	3.3
WNW	1.5	4.0	2.0										7.5	5.2
NW	.9	1.9	2.6	.1									5.5	6.2
NNW	.3	.3	.7	.3									1.5	7.7
VARIABLE	.....													
CALM	////////////////////												44.0	111111
TOTALS	17.9	17.1	15.3	4.6	1.1	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAY HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND				
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55	56
N	.1	.7	.3									1.1	5.6
NNE	.1	.1	.8	.1	.1							1.3	9.6
NE	.4	1.2	6.3	2.6	.7							11.2	9.7
ENE	.5	2.6	3.6	2.2								8.9	8.4
E	.5	1.1	.4	.1								2.2	5.3
ESE	.5	.7	.1									1.3	3.8
SE	.9											.9	2.0
SSE	.3	.1										.4	3.0
S	.5	.5										1.1	3.5
SSW	2.0	.7	.3									3.0	3.1
SW	1.6	.8	.1									2.6	3.1
WSW	2.0	1.2										3.2	3.1
W	2.4	1.7										4.2	3.1
WNW	2.3	2.4	1.7	.1								6.6	5.0
NW	1.1	1.9	.8	.1								3.9	5.1
NNW	.7	.7	.5	.1								2.0	5.5

VARIABLE  
 CALM  
 TOTALS  
 16.1 16.4 15.1 5.4 .8  
 46.2  
 100.0 3.3

TOTAL NUMBER OF OBSERVATIONS: 744



GLOBAL CLIPATLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAY HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56			
N	.1	.5	.1										.8	4.7
NNE	.4	.3	1.1	.4	.1								2.3	8.7
NE	1.2	.8	5.2	3.9	.3								11.4	9.5
ENE	.3	2.3	7.0	.8	.1								10.5	8.4
E	3.5	2.6	1.9	.4									8.3	5.0
ESE	2.6	1.7	1.1										5.4	4.2
SE	.9	1.1											2.0	3.5
SSE	1.1	.5	.1										1.7	3.1
S	.4	.4	.1										.9	3.7
SSW	.8	.7	.1										1.6	3.4
SW	.5	.7	.4										1.6	4.7
WSW	.9	.7	.1										1.7	3.5
W	.4	2.3	.4										3.1	4.5
WNW	.8	1.2	.9										3.0	5.3
NW	.7	1.9	.9	.1									3.6	5.6
NNW	.3	.9	.8	.1									2.2	6.4
VARIABLE	.....													
CALM	//////////////////// 39.8 //													
TOTALS	14.9	18.5	20.4	5.8	.5								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAY HOURS: 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.3	.3	.4	.7	.5							1.9	8.4
NNE	.3	.4	.7	.5								8.2	9.7
NE	.1	1.2	4.4	2.0	.4							19.0	8.8
ENE	1.2	3.2	9.9	4.3	.3							14.9	6.1
E	1.7	8.2	4.2	.8								7.8	4.8
ESE	1.7	5.0	.9	.1								3.0	4.2
SE	1.1	1.6	.3									2.0	3.7
SSE	.8	1.1	.1									3.5	3.9
S	1.7	1.2	.5									4.2	4.1
SSW	2.0	1.6	.5									3.5	5.1
SW	.8	1.9	.8									3.1	4.4
WSW	.9	1.7	.4									3.4	5.8
W	.4	1.9	1.1									1.5	5.5
WNW	.3	.7	.5									2.8	7.1
NW	.1	.9	1.3	.4								3.2	5.3
NNW	.7	1.6	.8	.1								17.2	11.1
VARIABLE												100.0	5.4
CALM													
TOTALS	14.2	32.5	27.0	8.3	.7								

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAY HOURS(S): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	.3	1.5	.7	.1								2.6	5.9
NNE	.4	.1	1.6	.1								2.3	7.8
NE	.3	1.2	5.0	2.7	.3							9.4	9.6
ENE	.9	4.2	8.5	2.8	.1							16.7	8.2
E	1.2	5.2	6.3	1.6								14.4	7.2
ESE	1.6	3.6	1.2	.3								6.7	5.3
SE	1.6	1.7	.1									3.5	4.2
SSE	.5	.9	.3	.1								1.9	5.1
S	1.1	2.8	1.2									5.1	4.9
SSW	.7	2.2	1.1									3.9	5.2
SW	.5	.7	.8									2.0	5.7
WSW	.7	1.5	1.5									3.6	6.0
W	.8	4.3	2.4	.3								7.8	6.1
WNW	.4	2.2	2.0	.1								4.7	6.4
NW	.1	1.5	1.6									3.2	6.6
NNW	.7	1.7	1.2									3.6	6.0

VARIABLE .....

CALM	11.8	35.3	35.5	8.2	.4	.1						100.0	6.2
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TOTALS ..... 8.6

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.5	.8	.5									1.9	5.5
NNE	.7	1.3	1.6	.4								4.0	6.7
NE	.4	3.1	6.3	1.6	.1							11.6	8.2
ENE	.8	3.9	7.8	2.4	.1							15.1	8.1
E	1.2	5.9	4.4	.5								12.1	6.5
ESE	1.2	2.2	2.2	.1								5.6	5.8
SE	1.3	1.9	.5									3.8	4.4
SSE	.4	1.6	.3									2.3	4.7
S	.5	1.2	.5	.1								2.4	5.4
SSW	.7	1.6	.7									3.0	5.2
SW	.4	.9	.9									2.3	5.9
WSW	.5	2.7	1.9									5.1	5.8
W	1.9	3.4	2.2	.4								7.8	5.6
WNW	.7	2.0	2.7	.1								5.5	6.5
NW	.7	2.6	1.3									4.6	5.5
RNW	.4	2.0	.9	.1								3.5	5.9

VARIABLE  
 CALM  
 TOTALS 12.4 37.1 34.8 5.9 .3 9.5 100.0 5.9

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-65
N	.7	1.1	1.0									2.8	5.4
NNE	.4	2.3	2.9									5.7	6.5
NE	1.0	6.5	6.1	1.7								15.2	7.2
ENE	1.0	5.4	6.8	1.8	.1							15.1	7.4
E	1.5	4.3	2.5	.6								8.8	6.0
ESE	1.4	1.5	1.5									4.4	5.4
SE	.3	.7	.1									1.1	4.3
SSE	.4	.4	.3		.1							1.2	5.9
S	1.0	.6	.3									1.8	4.0
SSW	1.0	1.8	.3	.1								3.2	4.8
SW	.4	.7	.4									1.5	5.1
WSW	.8	1.5	1.0									3.3	5.4
W	.8	4.1	.8	.4								6.2	5.4
WNW	1.4	5.0	2.6	.4								9.4	5.9
NW	.8	3.2	1.2	.3								5.5	5.7
NNW	.4	1.5	.6									2.5	5.3

VARIABLE .....

CALM // 12.3 //

TOTALS 13.3 40.6 28.3 5.2 .3 100.0 5.4

TOTAL NUMBER OF OBSERVATIONS: 724

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAY HOURS(LST): 2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL WIND				
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		34-40	41-47	48-55	GE 56
N	.6	1.1	.3					2.0	4.5			
NNE	.1	1.4	3.5	.3				5.3	7.8			
NE	1.1	4.2	5.5	2.5				13.3	7.9			
NNE	.4	2.9	3.2	.7	.1			7.4	7.2			
E	1.3	2.5	1.1	.3				5.2	5.5			
ESE	.7	.4	.1					1.3	3.4			
SE	.4							.4	2.0			
SSE	.1							.1	2.0			
S	.3	.4						.7	3.6			
SSW	1.1	.3	.1					1.5	3.1			
SW	2.0	.6	.1					2.7	3.0			
WSW	3.1	2.0	.4					5.5	3.3			
W	2.7	2.4	1.4					6.4	4.5			
WNW	1.5	3.6	2.0					7.1	5.3			
NW	1.1	2.9	1.1	.1				5.3	5.2			
NNW	.6	1.4	1.1					3.1	5.6			
VARIABLE	.....											
CALM	//////////////////// 32.6 //											
TOTALS	17.1	26.2	20.0	3.9	.1			100.0	3.9			
TOTAL NUMBER OF OBSERVATIONS:	714											

GLOBAL CLIMATE LOG BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS  
 USAFETAC AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 17-84  
 MONTH: MAY HOURS: 11-11:59 ALL

WIND SPEED IN KNOTS: 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-65 66-80 81-90 91-100  
 DIRECTION (DEGREES): 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-65 66-80 81-90 91-100

DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-65	66-80	81-90	91-100	TOTAL	MEAN
N	.3	.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.5
NNE	.3	.8	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.7
NE	.6	2.5	5.5	2.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	11.4	8.8
ENE	.2	3.3	6.2	2.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	12.4	9.1
E	1.4	3.0	2.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	6.2
ESE	1.2	1.9	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.0
SE	.9	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.9
SSE	.6	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.2
S	.8	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.3
SSW	1.3	1.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.1
SW	1.1	.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.3
WSW	1.4	1.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.8
W	1.6	2.7	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	4.9
WNW	1.1	2.6	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.6
NW	.7	2.1	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.8
NNW	.5	1.3	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.9

VARIABLE: CALM  
 TOTALS: 14.7 21.9 24.6 5.9 .5 .0  
 TOTAL NUMBER OF OBSERVATIONS: 5902

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS: 0000-0300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N									10.0
NNE			.1	.3					13.7
NE	.1	.3	.6	.1				1.1	9.1
ENE		.6	1.0	.1				1.7	7.9
E		.4						.4	5.3
ESE	.3								2.0
SE									
SSE	.1							.1	6.0
S	.3	.1						.4	9.0
SSW	.6							.6	1.8
SW	1.5	.8	.3					2.6	3.4
WSW	3.3	2.2	.1					5.7	3.2
W	6.0	2.1	.7					8.7	3.3
WNW	2.9	5.4	2.8	.1				11.2	6.1
NW	2.4	4.9	3.1	.1				10.4	6.3
NNW	.7	2.1	.4					3.6	5.8
VARIABLE	.....								
CALM	////////////////////								
TOTALS	18.1	19.0	9.0	1.1	.3			100.0	2.3
TOTAL NUMBER OF OBSERVATIONS:	720								



GLOBAL CLIMATE LOG BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: JUN HOURS: 0300-0500

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	.7	.3										1.0	3.0
NNE	.1		.4									.6	6.8
NE		.1	1.0	1.2								2.4	10.8
ENE	.1	.4	1.0	.3								1.8	7.7
E	.4		.1	.1								.7	5.2
ESE	.3		.1									.4	3.7
SE													
SSE													
S	.1	.1	.1									.4	4.7
SSW	.8											.8	2.0
SW	1.5	.8										2.4	2.9
WSW	3.7	2.2	.3									6.2	3.4
W	3.5	2.1	.6									6.1	3.3
WNW	3.7	4.3	2.5	.1								10.7	4.9
NW	2.1	3.5	1.4	.3								7.2	5.1
NNW	.4	.7	.4	.1								1.7	5.8
VARIABLE													
CALM													57.6
TOTALS	17.6	14.6	7.9	2.2								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84

MONTH: JUN HOURS: 11 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS				TOTAL	MEAN WIND SPEED							
	1-3	4-6	7-10	11-16			17-21	22-27	28-33	34-40	41-47	48-55	56
N	.1	1.9	.4									1.9	5.4
NNE	.1	.1	.1									2.0	7.0
NE	.4	.3	1.0	.4								2.1	8.2
ENE	2.2	1.1	1.7	.6								5.6	9.8
E	2.1	.8	.4									3.3	1.6
ESE	1.0	.8										1.8	3.1
SE	.3											.3	2.0
SSE	.3	.1										.4	2.7
S	.6	.1										.7	2.4
SSW	1.7	.7										2.4	2.9
SW	1.5	1.9										3.1	3.5
WSW	2.6	2.5	.6									5.7	4.1
W	1.4	1.7	.6									3.6	4.4
WNW	1.5	2.2	.7	.1								4.6	4.6
NW	.7	3.1	.8	.3								4.9	5.6
NNW	1.0	1.7	1.5	.4								4.6	6.2
VARIABLE	.....												
CALM	////////////////////												
TOTALS	17.4	18.2	7.8	1.8								54.9	100%

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84

MONTH: JUN HOURS: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND				
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55	GE 56
N	.1	1.9	1.9	.3								4.3	6.7
NNE	.3	.4	.4									1.1	5.0
NE	.3	.6	1.5	.1								2.5	7.7
ENE	1.7	2.8	1.4	.4	.1							6.4	5.7
E	3.3	2.9	2.4									8.6	4.9
ESE	2.8	1.4	.1									4.3	3.5
SE	1.0	1.2	.3									2.5	3.8
SSE	2.1	.7	.1	.1								3.1	4.0
S	2.4	2.5	.1	.1								5.1	3.9
SSW	2.6	3.5	.6									6.7	3.9
SW	1.1	2.5	.7									4.3	4.6
WSW	1.4	2.9	1.5									5.8	5.1
W	1.5	2.6	2.4	.1								6.7	5.7
WNW	.7	1.5	1.7	.6								4.4	6.7
NW	.3	1.1	1.9									3.3	6.5
NNW	.6	1.1	2.6									6.2	6.2
VARIABLE	.....												
CALM	////////////////////												
TOTALS	22.1	31.7	19.7	1.7	.3							100.0	3.9
TOTAL NUMBER OF OBSERVATIONS:	720												

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84

MONTHS: JUN HOURS: 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL WIND					
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		34-40	41-47	48-55	56	
N	.8	1.5	1.5	.1								4.0	5.0
NNE	.1	.6	1.0									1.7	6.5
NE	.6	.8	1.9	.3								3.6	6.5
ENE	1.0	2.9	3.2	.1								7.2	6.3
E	1.8	2.9	1.7									6.4	4.9
ESE	1.2	1.8	.3									3.3	4.4
SE	1.2	1.5	.1									2.9	4.0
SSE	1.5	1.5	.3									3.3	3.8
S	1.2	2.8	.6									4.6	4.4
SSW	2.1	3.6	1.1	.3								7.1	4.9
SW	1.1	2.5	1.1	.1								4.9	5.4
WSW	1.4	3.5	3.1	.1								8.1	5.7
W	1.4	3.7	1.8									6.9	5.0
WNW	.8	3.1	3.2	.4								7.5	6.4
NW	.8	2.9	2.5	.4								6.7	6.3
NNW	1.2	3.2	2.5	.7								7.6	6.1
VARIABLE	.....												
CALM	////////////////////												
TOTALS	18.5	38.9	25.8	2.6								14.2	4.7

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CL. PATCOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE '56	TOTAL	MEAN WIND
N	.8	1.0	1.4	.3							3.5	6.2	
NNE	.8	.8	.6								2.2	4.5	
NE	.6	1.0	.6								2.1	5.7	
ENE	1.4	3.6	2.1	.1							7.2	5.6	
E	2.9	2.1	1.5								6.5	4.4	
ESE	1.2	1.7	.3								3.2	4.1	
SE	.6	.4	.4								1.4	5.0	
SSE	.6	1.0	.4								1.9	4.9	
S	1.0	1.1	.7								2.8	4.7	
SSW	1.1	3.2	1.2								5.6	4.8	
SW	1.4	2.1	1.4	.1							5.0	5.1	
WSW	1.9	4.3	.8	.1							7.2	4.8	
W	1.7	4.4	4.0	.4							10.6	6.0	
WNW	.3	3.9	2.5	.3							6.9	6.4	
NW	1.0	3.6	3.5	.7							8.7	6.4	
NNW	1.2	3.9	3.2	.4							8.7	6.1	
VARIABLE	.....												
CALM	////////////////////												
TOTALS	18.5	36.1	24.6	2.5							100.0	4.6	
TOTAL NUMBER OF OBSERVATIONS:	720												

GLOBAL CLIPATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JUN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55
N	1.0	2.3	.6	.1							4.0	5.1
NNE	.4	1.7	.6	.1							1.9	6.3
NE	.7	2.0	.7	.1							3.6	5.5
ENE	1.7	3.4	1.1								6.3	4.8
E	2.1	1.9	.6								4.6	4.0
ESE	.6	1.3	.3								2.1	4.3
SE	1.1	.4	.3								1.9	3.8
SSE	.3	.4									.7	3.2
S	.9	.9	.3								2.0	3.7
SSW	.7	1.9	.1								2.7	4.3
SW	2.4	2.1	.4								5.0	3.7
WSW	2.0	3.0	.4								5.4	4.0
W	2.7	6.3	2.0								11.0	4.8
WNW	2.4	4.0	2.4	.1							9.0	5.2
NW	1.6	4.8	2.8								9.3	5.5
NNW	2.0	2.3	1.6	.1							6.0	5.2
VARIABLE	.....											
CALM	////////////////////											
TOTALS	22.6	37.6	14.2	.7							100.0	3.6
TOTAL NUMBER OF OBSERVATIONS:	702											

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JUN HOURS: 2100-2300

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.3	.7	.1	.3	.1	.7	.1	.1	.1	.1	.1	1.2	4.4
NNE	.3	.9	.7	.7	.7	.7	.7	.7	.7	.7	.7	1.9	5.5
NE	.1	1.2	.7	.3	.3	.3	.3	.3	.3	.3	.3	2.3	6.6
ENE		1.2	.6									1.7	5.8
E	.7	1.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	2.2	4.5
ESE	.6		.3									.9	4.5
SE	.1	.1										.1	4.0
SSE	.3											.3	2.0
S	.1		.1									.3	4.5
SSW	.7	.1										.9	2.2
SW	1.3	.1	.4									1.9	3.8
WSW	3.3	1.7	.1									5.2	3.2
W	4.6	3.8	.9									9.2	3.9
WNW	3.3	5.8	2.0									11.1	4.6
NW	3.3	3.9	1.7	.1								9.1	4.7
NNW	1.3	2.0	1.4	.3								5.1	5.5
VARIABLE	////////////////////////////////////												
CALM	////////////////////////////////////												
TOTALS	20.3	22.7	9.5	.7								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 693

GLOBAL CLIPATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.5	1.1	.8	.1	.0	.0	.0	.0	.0	.0	.0	2.5	5.8
NNE	.3	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	1.2	6.0
NE	.3	.8	1.0	.3	.0	.0	.0	.0	.0	.0	.0	2.4	7.2
ENE	1.0	2.0	1.5	.2	.0	.0	.0	.0	.0	.0	.0	4.7	5.9
E	1.7	1.5	.9	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.5
ESE	1.0	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.9
SE	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.0
SSE	.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.9
S	.8	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.1
SSW	1.3	1.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.2
SW	1.5	1.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.3
WSW	2.5	2.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	6.2	4.3
W	2.8	3.3	1.6	.1	.0	.0	.0	.0	.0	.0	.0	7.8	4.6
WNW	2.0	3.8	2.2	.2	.0	.0	.0	.0	.0	.0	.0	8.2	5.4
NW	1.5	3.5	2.2	.2	.0	.0	.0	.0	.0	.0	.0	7.4	5.6
NNW	1.0	2.4	1.7	.3	.0	.0	.0	.0	.0	.0	.0	5.4	5.9
VARIABLE													
CALM	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	36.4	////////
TOTALS	19.4	27.6	14.9	1.7	.1	.0	.0	.0	.0	.0	.0	100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 5715



GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORDS: 77-84  
 MONTH: JLL HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND				
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55	56
N	.1	.7	.3									1.1	6.0
NNE	.1	.4										.5	4.5
NE	.1	.3	.3									.7	5.8
ENE			.3									.3	7.0
E	.4	.1										.5	2.5
ESE	.3	.1										.4	3.0
SE		.1										.1	4.0
SSE	.3	.1										.4	2.7
S	.8	.7										1.5	2.9
SSW	1.1	.1	.1									1.3	2.7
SW	1.9	.8										2.7	3.0
WSW	5.1	2.4	.3									7.8	3.0
W	4.4	4.2	.8									9.4	3.9
WNW	2.8	4.2	.9									7.9	4.2
NW	1.7	2.8	1.1	.1								5.8	5.1
NNW	.5	.4	.4									1.3	5.0

VARIABLE  
 CALM // 58.1 /////  
 TOTALS 19.8 17.5 4.4 .1 100.0 1.6

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.1	.1	.1	.1	.1	.1	.1	.3	4.5
NNE	.4	.4	.4	.4	.4	.4	.4	.8	3.7
NE	.1	.1	.1	.1	.1	.1	.1	.1	3.0
ENE	.3	.1	.3	.3	.3	.3	.3	.7	5.6
E	.4	.1	.1	.1	.1	.1	.1	.5	3.3
ESE	.4	.4	.4	.4	.4	.4	.4	.4	2.0
SE	.4	.4	.4	.4	.4	.4	.4	.4	2.0
SSE	.4	.4	.4	.4	.4	.4	.4	.4	1.7
S	.8	.1	.1	.3	.3	.3	.3	1.2	4.2
SSW	1.2	.5	.5	.5	.5	.5	.5	1.7	3.1
SW	2.0	.8	.1	.1	.1	.1	.1	3.0	3.1
WSW	4.2	2.3	.7	.7	.7	.7	.7	7.1	3.6
W	5.4	4.2	.4	.4	.4	.4	.4	9.9	3.5
WNW	3.0	3.0	.7	.3	.3	.3	.3	6.9	4.3
NW	1.9	3.1	2.0	.1	.1	.1	.1	7.0	5.1
NNW	.4	.4	.4	.1	.1	.1	.1	.9	4.9

VARIABLE

CALM

TOTALS

////////////////////// 58.6 //

21.4 15.1 4.6 .4

100.0 1.6

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JLL HOURS(LST): 0600-0800

WIND SPEED IN KNOTS  
 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 56 TOTAL MEAN WIND

N .3 .8 .7 .1 .7 .5 1.7 5.6

MNE .5 .7 .1 .1 .3 4.2

NE .4 .7 .1 .1 4.3

ENE .5 .5 .1 .1 3.4

E 1.9 1.3 .1 3.4 3.5

ESE 1.1 .7 1.7 3.2

SE .5 .5 1.8

SSE .3 .3 4.0

S 1.2 .4 1.6 2.9

SSW 1.9 1.2 .3 3.4 3.6

SW 1.7 1.1 .5 3.4 4.0

WSW 3.6 2.3 .3 6.3 3.7

W 2.4 1.5 .1 5.1 4.6

WNW 1.9 1.5 .7 4.0 4.3

NW 1.5 2.0 .8 4.4 4.9

NNW .8 1.3 .5 2.7 4.8

VARIABLE

CALM // 57.9 //

TOTALS 20.3 16.3 5.1 .4 100.0 1.7

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIPATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84

MONTH: JUL HOURS(LSL): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.3	1.2	1.1	.1								2.7	6.1
NNE	.8	1.1	.4									2.3	4.8
NE	.4	.9	.4									1.7	4.8
ENE	1.9	2.0	1.6									5.5	5.1
E	2.6	4.6	.8									7.9	4.2
ESE	3.2	2.3	.3									6.5	3.4
SE	1.1	.4										1.5	3.4
SSE	1.1	.3										1.3	2.7
S	1.9	2.4	.3	.1								4.7	4.1
SSW	2.8	3.5	1.3									7.7	4.6
SW	1.7	4.0	1.3	.1								7.3	4.9
WSW	3.8	3.6	1.7									9.1	4.5
W	1.2	3.6	1.5									6.3	5.3
WNW	.1	1.9	.5									2.6	5.6
NW	.5	1.3	.8									2.7	5.6
NNW	1.1	.7	1.3									3.1	5.7
VARIABLE	.....												
CALM	////////////////////												
TOTALS	25.1	33.9	13.4	.4								100.0	3.4
TOTAL NUMBER OF OBSERVATIONS:	744												

GLOBAL CLIMATEOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JUL HOURLY OBSERVATIONS: 1200-1400

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-66	TOTAL	MEAN WIND
N	1.2	1.6	1.8	.1								3.8	5.0
NNE	.4	1.2	.4	.1								2.2	5.7
NE	.9	1.6	.7									3.2	4.9
ENE	1.1	3.1	1.3	.3								5.8	5.7
E	3.9	3.2	.5	.1								7.8	4.0
ESE	1.6	2.2	.1									3.9	3.0
SE	.5	.4										.9	3.4
SSE	.8	1.2	.1									2.2	1.9
S	.9	2.3	.4									3.6	4.7
SSW	2.2	3.9	1.6	.1								7.8	5.0
SW	2.4	5.0	1.7	.4								9.5	5.0
WSW	3.2	4.2	1.5									8.9	4.8
W	2.2	4.4	3.5	.1								10.2	5.8
WNW	.8	2.7	1.3									4.8	5.1
NW	.7	1.9	1.3	.1								4.0	5.6
NNW	.5	1.3	.5									2.4	5.1
VARIABLE	.....												
CALM	////////////////////												
TOTALS	23.4	40.2	16.0	1.5								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-84  
 MONTH: JUL HOURS: 1500-1700

WIND SPEED IN KNOTS  
 22-27 28-33 34-40 41-47 48-55 TOTAL  
 WIND

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	TOTAL	WIND
N	0	0	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0

VARIABLE  
 CALM  
 TOTALS

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84

MONTH: JUL HOURS: 1511-1800-2000

WIND SPEED IN KNOTS

34-40 41-47 48-55 56 TOTAL

MEAN WIND

3.6 4.4 5.2 6.0 6.8 7.6 8.4 9.2 10.0 10.8 11.6 12.4 13.2 14.0 14.8 15.6 16.4 17.2 18.0 18.8 19.6 20.4 21.2 22.0 22.8 23.6 24.4 25.2 26.0 26.8 27.6 28.4 29.2 30.0 30.8 31.6 32.4 33.2 34.0 34.8 35.6 36.4 37.2 38.0 38.8 39.6 40.4 41.2 42.0 42.8 43.6 44.4 45.2 46.0 46.8 47.6 48.4 49.2 50.0 50.8 51.6 52.4 53.2 54.0 54.8 55.6 56.4 57.2 58.0 58.8 59.6 60.4 61.2 62.0 62.8 63.6 64.4 65.2 66.0 66.8 67.6 68.4 69.2 70.0 70.8 71.6 72.4 73.2 74.0 74.8 75.6 76.4 77.2 78.0 78.8 79.6 80.4 81.2 82.0 82.8 83.6 84.4 85.2 86.0 86.8 87.6 88.4 89.2 90.0 90.8 91.6 92.4 93.2 94.0 94.8 95.6 96.4 97.2 98.0 98.8 99.6 100.0

DIRECTION (DEGREES)

1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 56 TOTAL

1.1 2.1 .3 .3 1.1 1.1 .3 .3 1.3 1.7 1.0 .4 1.7 .7 .4 .6 .4 .3 .7 .9 .7 2.0 1.3 .3 3.0 2.4 .4 3.4 4.0 1.1 4.8 7.8 4.1 2.6 4.1 1.6 .1 1.9 3.4 1.3 1.6 .7 .3 .1

NINE

NE

ENE

E

ESE

SE

SSE

S

SSW

SW

WSW

W

WNW

NW

NNW

VARIABLE

CALM

TOTALS

TOTAL NUMBER OF OBSERVATIONS: 702

31.2 100.0 3.1

25.9 31.2 11.4 .3

31.2 100.0 3.1

25.9 31.2 11.4 .3

31.2 100.0 3.1

25.9 31.2 11.4 .3

31.2 100.0 3.1

25.9 31.2 11.4 .3

31.2 100.0 3.1

25.9 31.2 11.4 .3

31.2 100.0 3.1

25.9 31.2 11.4 .3

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84

MONTHS: JAN - DEC

HOURS: 0000-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL	MEAN WIND		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64-72				
N	.1	.7														
NNE		.6	.3													
NE	.4	.9	.6													
ENE		.3	.3													
E	.1	.3														
ESE	.1	.1														
SE																
SSE	.1	.1	.1													
S	.3															
SSW	.3	.1	.1													
SW	2.1	.7	.3													
WSW	5.0	2.6	.6													
W	7.3	5.1	1.9													
WNW	2.9	3.4	.9													
NW	1.3	2.9	.9													
NNW	.7	.1	.1													
VARIABLE	////////////////////															
CALH	////////////////////															
TOTALS	21.0	18.2	6.2	.1												54.5
TOTAL NUMBER OF OBSERVATIONS:	681															



GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JUL HOURS (LST): ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN
N	.4	.9	.4	.1	.1	.4	.1	.1	.1	.1	.1	1.8	5.1
NNE	.5	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.8
NE	.5	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.9
ENE	.8	1.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.3
E	1.7	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.8
ESE	1.1	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.5
SE	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	1.3
SSE	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.8
S	1.0	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.9
SSW	1.6	1.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.3
SW	2.2	2.4	.8	.1	.0	.0	.0	.0	.0	.0	.0	5.4	4.3
WSW	4.0	3.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	8.3	4.1
W	3.8	4.6	2.0	.1	.0	.0	.0	.0	.0	.0	.0	10.5	4.5
WNW	1.9	2.9	1.0	.1	.0	.0	.0	.0	.0	.0	.0	5.9	4.6
W	1.3	2.4	1.3	.1	.0	.0	.0	.0	.0	.0	.0	5.0	5.2
NW	.8	.9	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.4	5.1

VARIABLE  
 CALM  
 TOTALS 22.4 26.0 9.7 .5  
 41.3 100.0 2.6

TOTAL NUMBER OF OBSERVATIONS: 5846

GLOBAL CLIMATE LOG BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
USAFETAC FROM HOURLY OBSERVATIONS  
AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
MONTH: AVG HOURS: 1511 0000-0200

DIRECTION (DEGREES) WIND SPEED IN KNOTS TOTAL MEAN WIND  
1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56

N	.3	.1	.1	.3	.1	.1	.1	.1	.1	.1	3.0	1.0
NNE	.3	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1
NE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
ENE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
E	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

ESE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SSE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
S	.4	.7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

SSW	1.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SW	1.9	.7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
WSW	3.2	1.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
W	7.3	3.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3

NNW	3.9	3.6	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
NW	2.4	3.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
NNW	.5	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

VARIABLE

CALM	57.0	//////
TOTALS	21.5 15.7 4.4 .5	100.0 1.7

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: ALG. HOURS: 1111 0300-0500

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.1												2.0
NNE	.1	.3	.1									.5	6.3
NE	.3	.4	.5									1.2	5.2
ENE	.3	.7	.3									1.2	5.0
E		.8										.8	4.8
ESE	.4											.4	2.0
SE	.1											.1	3.0
SSE													
S	.3											.3	2.5
SSW	.9	.5	.1									1.6	3.5
SW	2.3	.7										3.0	2.6
WSW	4.6	2.4	.3									7.3	3.3
W'	6.7	2.7	.9									10.3	3.4
MNW	2.6	2.6	.7									5.8	4.0
NW	1.3	3.4	.9	.1								5.8	4.9
NNW	.1	.6	.4	.1								1.2	6.7
VARIABLE													
CALM												60.2	1111
TOTALS	20.2	14.9	4.3	.4								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: AUG HOURS: 1111-0900-0900

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.7	.4	.4	.1	.1	.4	.1	.1	.1	.1	.1	1.1	4.3
NNE	.1	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.7	4.6
NE	.1	.7	.8	.8	.8	.8	.8	.8	.8	.8	.8	1.6	6.5
ENE	.5	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	1.2	4.8
E	.9	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	2.2	4.0
ESE	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.7	3.4
SE	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5	2.5
SSE	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	2.5
S	.8	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	3.0
SSW	1.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	1.9	2.8
SW	2.4	1.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	3.8	3.0
WSW	4.3	3.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	7.5	3.3
W	4.3	2.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	7.4	3.5
WNW	2.6	1.9	.3	.3	.3	.3	.3	.3	.3	.3	.3	4.7	3.5
NW	1.5	2.8	.7	.1	.1	.1	.1	.1	.1	.1	.1	5.1	4.7
NNW	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	2.3	3.9
VARIABLE	.....												
CALM	//////////////////////												
TOTALS	21.9	16.0	3.8	.3	.3	.3	.3	.3	.3	.3	.3	56.1	1.6

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: ALG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.4	.9	.3	.4	.1	.7	.4	.1	.8	.5	.0	5.0	
NNE	.3	.4	.1	.7	.4	.7	.4	.1	1.7	4.9			
NE	.7	.4	.7	.7	.4	.7	.4	.1	5.4	5.6			
ENE	1.3	2.2	1.7	.1					7.7	4.1			
E	3.0	4.0	.7						5.9	3.3			
ESE	3.4	2.4	.1						1.7	3.3			
SE	.9	.8							1.2	2.2			
SSE	1.2								2.2	3.9			
S	.9	1.1	.1						6.2	3.8			
SSW	3.0	2.7	.5						8.1	4.0			
SW	3.2	4.4	.4						7.4	3.9			
WSW	2.6	4.6	.3						5.9	4.2			
W	1.9	3.2	.8						2.8	4.8			
WNW	.9	1.5	.3	.1					1.3	5.7			
NW	.1	.6	.4						2.7	4.3			
NNW	.8	1.3	.5										

VARIABLE  
 CALM  
 TOTALS

37.4  
 100.0 2.6  
 24.6 30.8 7.0 .3  
 TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/CIAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77584  
MONTH: AUG HOURS: 1200-1400

DIRECTION	WIND SPEED IN KNOTS							TOTAL	MEAN WIND										
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55	GE 56						
N	.3	1.5	.7	.1	.1	.1	.7	2.6	5.8										
NNE	.8	.5	.5				.5								1.9	4.5			
NE	.8	1.1	1.7	.1	.1										3.8	6.3			
ENE	1.1	3.6	2.3	.1	.1										7.1	5.7			
E	2.2	4.9	.1												6.7	4.0			
ESE	3.2	2.2	.1												5.5	3.2			
SE	.7	1.1	.1												1.9	3.9			
SSE	1.5	.8	.1												2.4	3.4			
S	2.3	2.2	.3												4.7	3.6			
SSW	4.4	4.2	.7												9.3	3.9			
SW	2.3	3.5	1.1												6.9	4.4			
WSW	3.2	3.6	1.3												8.2	4.2			
W	3.6	3.1	1.9												8.6	4.3			
WNW	1.3	2.4	1.2												5.0	5.0			
NW	.3	1.7	1.1												3.1	5.6			
NNW	.5	.7	.7												1.9	5.1			
VARIABLE	.....																		
CALM	////////////////////																		
TOTALS	28.5	36.6	14.0	.4				20.6	100.0	3.5									

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: AUG HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55	56
N	.7	1.2	.7									2.6	5.2
NNE	.7	.8	.3									1.7	4.1
NE	.5	2.4	1.5									4.4	5.9
ENE	1.6	1.9	2.6									6.1	5.6
E	2.0	3.0	.8									5.8	4.4
ESE	2.0	1.1	.4									3.5	3.5
SE	1.1	.5										1.6	2.9
SSE	.9	.9										1.9	3.3
S	.7	1.9	.4									3.0	4.4
SSW	2.7	2.4	.4									5.5	3.8
SW	3.5	3.4	.3									7.1	3.7
WSW	3.9	4.0	1.1									9.0	3.9
W	4.3	5.0	2.8									12.1	4.7
NNW	1.6	2.0	1.3									5.0	4.9
NW	.4	1.6	1.2	.1								3.4	5.9
NNW	1.6	1.2	1.7									4.6	5.1
VARIABLE	.....												
CALM	////////////////////											22.7	////
TOTALS	28.3	33.4	15.5	.1								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: ALG HOURS(LSL): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55	GE 56
N	.4	.9	.1									1.5	4.5
NNE	.3	1.1	1.1									2.4	6.2
NE	.4	1.5	.5	.1								2.6	5.5
ENE	2.2	2.2	1.3									5.6	4.5
E	1.2	1.2	.3									2.7	4.0
ESE	1.6	.3										1.9	2.4
SE	.1	.4										.5	3.5
SSE	.5	.1										.7	2.6
S	.7	.3										.9	2.9
SSW	.9	.8										1.7	3.3
SW	2.7	1.1										3.8	2.9
WSW	5.0	2.6	.3									7.8	3.1
W	5.6	4.6	1.5									11.7	3.8
WNW	3.0	3.2	1.3									7.5	4.3
NW	3.2	3.0	.7	.1								7.0	4.1
NNW	1.1	2.0	.1									3.2	4.5
VARIABLE	.....												
CALM	////////////////////											38.4	////
TOTALS	28.9	25.1	7.3	.3								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 754



GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: ALG HOURS: 1511-2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55
N	.3	.4	.5	.5	.7	.4	.1	.3	6.2			
NNE	.4	.5	.5	.5	.7	.4	.1	.3	6.2			
NE	.1	.7	.4	.1	.1	.1	.1	.1	.3	1.3		6.2
ENE	.3	.7	.7	.7	.7	.7	.7	.7	.9	.9		4.3
E	.5	.1	.1	.1	.1	.1	.1	.1	.7	.7		2.6
ESE	.3	.3	.3	.3	.3	.3	.3	.3	.5	.5		3.0
SE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		1.0
SSE	.4	.1	.1	.1	.1	.1	.1	.1	.5	.5		2.3
S												
SSW	.7	.1	.1	.1	.1	.1	.1	.1	.8	.8		2.6
SW	1.7	.7	.7	.7	.7	.7	.7	.7	2.4	2.4		2.6
WSW	3.8	1.2	.5	.5	.5	.5	.5	.5	5.5	5.5		3.0
W	5.9	2.2	.1	.1	.1	.1	.1	.1	8.2	8.2		2.8
WNW	3.8	3.0	.8	.8	.8	.8	.8	.8	7.5	7.5		3.8
NW	3.2	2.6	1.1	1.1	1.1	1.1	1.1	1.1	6.9	6.9		4.2
NNW	.8	1.2	.8	.8	.8	.8	.8	.8	2.8	2.8		5.0
VARIABLE	////////////////////////////////////											
CALP	////////////////////////////////////											
TOTALS	22.3	13.7	4.3	.1	.1	.1	.1	.1	100.0	100.0		1.9

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-04 MONTHS ALL  
HOURS: 01-24

DIRECTION (DEGREES)      1-3      4-6      7-10      11-16      17-21      22-27      28-33      34-40      41-47      48-55      56-56      TOTAL      MEAN WIND

N		.04	.06	.11	.10							1.1	5.0
NNE		.04	.05	.04	.00							1.0	5.2
NE		.04	1.0	.09	.01							2.0	6.9
ENE		.02	1.5	1.1	.0							3.6	6.3
E		1.2	1.8	.3								3.3	4.1
ESE		1.4	.8	.1								2.3	3.2
SE		.4	.4	.0								.0	3.4
SSE		.6	.3	.0								.9	2.9
S		.8	.8	.1								1.6	3.7
SSW		1.9	1.4	.2								3.5	3.6
SW		2.5	2.0	.2	.0							4.7	3.6
WSW		3.8	2.9	.5								7.2	3.9
W		5.0	3.3	1.1								9.4	3.0
WNW		2.5	2.5	.8	.0							5.8	4.2
NW		1.6	2.4	.9	.1							4.9	4.7
NNW		.8	1.1	.6	.1							2.6	5.0

VARIABLE

CALM

TOTALS

24.5      23.3      7.6      .3

TOTAL NUMBER OF OBSERVATIONS: 5951

44.3

100.0

2.3

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP MONTHS: 01-11 0100-0200

DIRECTION (DEGREES) WIND SPEED IN KNOTS

1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 56 TOTAL MEAN WIND

N ..... 0.7

NNE ..... 0.1 0.3 0.8 0.3

NE ..... 0.1 0.6 2.5 4.3 0.6 0.1

ENE ..... 0.1 1.3 2.4 1.4 0.3 0.3

E ..... 0.4 1.0 0.3 0.1

ESE ..... 0.6 0.3

SE ..... 0.6 0.1

SSE ..... 0.1 0.1

S ..... 1.0 0.1

SSW ..... 1.4 0.6

SW ..... 1.3 0.6 0.1

WSW ..... 2.1 0.7

W ..... 3.1 1.7 0.3

WNW ..... 1.4 2.1 0.3

NW ..... 1.1 2.1 0.4 0.1

NNW ..... 0.6 0.4 1.3 0.1

VARIABLE

CALM

TOTALS 13.9 11.7 9.2 6.4 0.8 0.4

717

57.5

100.0

2.0

717

717

717

717

717

717

717

717

717

717

GLOBAL CLIMATE LOG BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: SEP MONTH: ALL 0300-0900

DIRECTION (DEGREES)

DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N													
NNE			.4	.3								.7	11.2
NE	.1	.6	2.4	3.2	.7	.1						7.8	11.4
ENE	.4	1.4	2.6	2.5	.4	.1						7.8	10.0
E	.8	.8	.4									2.1	4.8
ESE	.8	.6	.1									1.5	3.5
SE	.1	.6										.7	4.8
SSE	.4	.1										.6	3.0
S	.7											.7	2.0
SSW	1.7	.3										2.0	3.2
SW	1.0	1.0	.1									2.1	3.7
WSW	1.5	.3	.1									2.0	2.9
W	2.0	.6	.6									3.1	4.0
WNW	1.7	1.3	.6									3.6	4.0
NW	.4	2.0	1.0	.1								3.5	5.6
NNW	.4	.3	.3									1.0	4.9

VARIABLE

CALC

TOTALS

12.4 9.6 9.5 6.4 1.1 .3 100.0 2.7

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATELOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84

MONTH: SEP HOURS: 11-11 0000-0000

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	TOTAL	MEAN	WIND
N														6.0
NNE		.1	.8	.6								1.5	10.1	
NE	.3	.7	3.8	3.1	.7	.1						9.6	11.9	
ENE	.7	1.0	2.5	2.8	.6							7.8	10.9	
E	.3	1.5	.1	.1	.1							2.2	8.9	
ESE	.4	.7										1.1	3.4	
SE	.4	.1										.6	2.8	
SSE	.3	.3										.6	3.0	
S	.1											.1	3.0	
SSW	1.7	.4	.1									2.2	2.9	
SW	1.0	1.0	.3									2.2	4.1	
WSW	1.7	.6	.6									2.0	3.0	
W	1.1	1.8	.4									3.3	4.3	
WNW	1.7	1.4	.6	.1								3.8	4.4	
NW	.6	1.1	.7	.1								2.5	5.2	
NNW	.3	.4	.4									1.1	8.8	

VARIABLE

CALM

TOTALS 10.4 11.3 10.3 6.8 1.4 .1

TOTAL NUMBER OF OBSERVATIONS: 719

59.7

100.0

2.8

GLOBAL CLIMATE LOG BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: SEP HOURS: 0000-1100

1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 56-96 TOTAL MEAN WIND  
 DIRECTION (DEGREES)

DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-96	TOTAL	MEAN WIND
N													
NNE		.1	.6	.6								1.2	10.0
NE	.1	.1	2.1	2.4	.4	.1						3.3	12.1
ENE	1.2	3.1	5.8	1.8	.4							12.4	8.2
E	2.9	3.2	1.8	.6	.1							9.2	8.2
ESE	1.9	2.8	.4									5.1	4.0
SE	1.2	1.2										2.5	3.3
SSE	.8	.3										1.1	2.6
S	.6	.4										1.0	3.0
SSW	.7	.8	.3									1.8	4.2
SW	.6	1.0	.4									1.9	4.8
WSW	.6	1.4										2.1	4.9
W	1.2	1.4	.3									2.9	3.9
WNW	1.5	1.4	.7									3.6	4.3
NW	.7	.7	.6	.6								2.5	6.5
NNW	.3	.7	.3									1.2	5.4

VARIABLE  
 CALM  
 TOTALS

14.3 19.4 13.6 6.1 1.0 .1  
 45.4  
 100.0 3.4

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: SEP MONTH: SEP HOURS: 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.1	.7	.1								1.0	5.0
NNE	.1	.6	1.1	.4							2.2	7.5
NE	1.0	.7	2.8	1.5	.4						6.4	8.8
ENE	3.1	4.2	5.0	2.9	.4	.1					15.7	7.8
E	2.8	6.7	2.4	.1	.1						12.1	5.4
ESE	4.6	3.6	1.0								9.2	3.8
SE	1.9	1.7	.3								3.9	3.6
SSE	1.4	.6	.1								2.1	3.0
S	2.4	1.9	.6								4.9	3.9
SSW	1.2	1.2	.4								2.9	4.1
SW	1.4	1.5									2.9	3.5
WSW	2.1	1.2									3.3	3.1
W	1.2	1.8	1.0								4.0	4.9
WNW	.4	1.2	1.4	.7							3.7	7.1
NW	.3	1.0	1.0	.3	.1						2.6	7.5
NNW	.1	1.0	.4								1.5	5.2
VARIABLE	.....											
CALM	////////////////////////////////////											
TOTALS	24.2	29.6	17.5	5.8	1.1	.3					100.0	4.5
TOTAL NUMBER OF OBSERVATIONS:	720											

GLOBAL CLIMATELOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84

MONTH: SEP MONTHS: JUL 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS						TOTAL	MEAN WIND				
	1-3	4-6	7-10	11-16	17-21	22-27			28-33	34-40	41-47	48-55
N	.6	.6	1.0	.1	.1	.1	2.2	6.1				
NNE	.1	1.5	.8	.1	.1	.1	2.6	6.4				
NE	.6	2.9	2.4	.8	.1	.1	6.8	7.4				
ENE	2.4	6.0	6.4	3.1	.4	.1	18.3	7.8				
E	2.9	3.7	1.9	.7	.1	.1	9.4	5.8				
ESE	3.7	2.6					6.4	3.4				
SE	1.5	.4	.1				2.2	3.3				
SSE	1.7	1.1					2.8	3.1				
S	1.5	1.1	.1				2.8	3.5				
SSW	2.2	2.3	.3				4.6	3.7				
SW	1.5	1.1	.3				2.9	3.2				
WSW	1.5	2.1	.3				3.9	4.3				
W	2.2	2.1	1.2				5.6	4.6				
WNW	1.1	1.9	.8	.1			4.0	5.2				
W	.8	1.8	1.4	.1			4.2	5.8				
NNW	.4	1.4	.8				2.6	5.7				
(VARIABLE	.....											
CALM	.....											
TOTALS	24.9	32.5	17.8	5.1	.7	.1	100.0	4.5	16.9	100.0	4.5	
TOTAL NUMBER OF OBSERVATIONS:	720											



GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-84  
 MONTH: SEP HOURS(LST): 1000-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55	GE 56
N	.4	.4	.3	.1	.1	.3	.1	.1	.1	.3	.3	1.3	5.4
NNE	.6	.6	1.0									2.1	6.0
NE	1.1	3.2	3.6	1.0	.4							9.3	7.3
ENE	2.4	4.2	5.6	2.2	.3							14.6	7.6
E	2.8	2.1	1.1									6.0	4.5
ESE	1.7	.3										1.9	2.4
SE	1.1	.1										1.3	2.0
SSE	.8	.3										1.1	2.9
S	.6	.3										.8	2.8
SSW	.1	.3										.4	3.7
SW	1.9	.7	.1									2.8	3.2
WSW	3.1	1.1	.1									4.3	3.1
W	2.4	2.4	.4									5.1	4.0
WNW	1.5	1.9	1.4									4.9	4.8
NW	1.4	2.9	.8	.3								5.4	5.1
NNW	1.0	1.1	.3									2.4	4.1
VARIABLE													
CALM												36.3	77777
TOTALS	22.8	21.8	14.7	3.6	.7							100.0	3.4
TOTAL NUMBER OF OBSERVATIONS:												719	

GLOBAL CLIMATE BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: SEP HOURS: 2100-2300

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.1	.3	.4	.4	.4	.4	.4	.8	.8	.8	.8	.8	5.7
NNE	.1	.8	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	8.9
NE	.8	2.9	3.2	.6	.6	.6	.6	.6	.6	.6	.6	7.5	11.3
ENE	1.3	1.8	3.2	1.8	.6	.6	.6	.6	.6	.6	.6	8.6	8.6
E	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	3.7	5.1
ESE	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.7	2.4
SE	.7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.7	2.8
SSE	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.7	2.8
S	.8	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.0	2.4
SSW	2.0	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	2.5	2.5
SW	1.3	1.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	2.6	3.2
WSW	2.5	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	3.3	3.0
W	1.5	2.0	.6	.6	.6	.6	.6	.6	.6	.6	.6	4.0	4.2
WNW	1.7	3.1	1.7	.1	.1	.1	.1	.1	.1	.1	.1	6.4	5.0
NW	1.1	2.2	1.0	.1	.1	.1	.1	.1	.1	.1	.1	4.5	5.3
NNW	.1	.3	.6	.3	.3	.3	.3	.3	.3	.3	.3	1.3	8.7

VARIABLE  
 CALM  
 TOTALS  
 14.6 14.5 11.7 5.6 1.1  
 52.4  
 100.0 3.0

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: SEP HOURS/DAYS: ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.2	.3	.4	.1	.1	.1	.1	.1	.1	.1	.1	1.0	6.6
NNE	.1	.4	.8	.3	.3	.3	.3	.3	.3	.3	.3	1.6	7.9
NE	.4	1.2	2.9	2.4	.5	.1	.1	.1	.1	.1	.1	7.5	10.0
ENE	1.4	2.9	4.2	2.3	.4	.1	.1	.1	.1	.1	.1	11.3	8.4
E	1.7	2.5	1.1	.2	.1	.0	.0	.0	.0	.0	.0	5.6	5.3
ESE	1.8	1.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	3.4	3.5
SE	1.0	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.6	3.3
SSE	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0
S	1.0	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.5	3.3
SSW	1.4	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	2.3	3.4
SW	1.2	1.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	2.4	3.6
WSW	1.9	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.5
W	1.8	1.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	4.1	4.2
WNW	1.4	1.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	4.2	4.9
NW	.8	1.7	.9	.2	.0	.0	.0	.0	.0	.0	.0	3.6	5.6
NNW	.4	.7	.5	.1	.1	.1	.1	.1	.1	.1	.1	1.7	5.7
VARIABLE	.....												
CALM	////////////////////												
TOTALS	17.2	18.8	13.1	5.7	1.0	.2	.2	.2	.2	.2	.2	44.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 5749

GLOBAL CLIPATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: OCT HOURS(LS): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.5	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	7.6
NNE	.5	1.1	.9	.9	.1	.1	.1	.1	.1	.1	.1	2.7	9.6
NE	.1	1.3	3.8	3.9	2.0	.1	.1	.1	.1	.1	.1	11.2	12.0
ENE	.7	1.7	3.5	4.3	2.2	.1	.1	.1	.1	.1	.1	12.4	11.5
E	.7	3.0	2.4	1.3	.4	.1	.1	.1	.1	.1	.1	7.9	8.1
ESE	1.6	.8	.3	.1	.1	.1	.1	.1	.1	.1	.1	2.7	3.9
SE	.9	.7	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.7	3.7
SSE	.8	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.5	3.5
S	.7	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.2	3.2
SSW	.9	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.2	2.7
SW	1.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.5	2.6
WSW	.5	.8	.4	.1	.1	.1	.1	.1	.1	.1	.1	1.7	4.9
W	.5	1.2	.7	.1	.1	.1	.1	.1	.1	.1	.1	2.4	5.0
WNW	.7	.5	.4	.1	.1	.1	.1	.1	.1	.1	.1	1.6	4.5
NW	.4	.3	.3	.1	.1	.1	.1	.1	.1	.1	.1	.9	3.9
NNW	.4	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.8	3.8

VARIABLE

CALM	10.2	13.3	13.6	10.6	4.7	.1	////////////////////					47.4	////
TOTALS												100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATELOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: OCT HOURS(LST): 0300-0500

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N					.1							.1	12.0
NNE	.1	.8	1.2		.5							2.7	9.6
NE	.1	1.1	3.0	3.5	1.5							9.1	12.1
ENE	.8	1.6	5.8	4.4	1.3	.3						14.2	10.7
E	.9	3.6	2.2	.8	.1							7.7	7.0
ESE	.1	1.7	.1	.1								2.2	5.3
SE	1.2	1.5	.1									2.8	3.6
SSE	.5	.5	.1									1.2	4.0
S	.8	.1										.9	2.7
SSW	.8	.4										1.2	2.8
SW	1.2	.9										2.2	3.1
WSW	.9	1.3										2.3	3.4
W	1.5	.7	.4	.1								2.7	4.4
WNW	.1	.5										.7	4.2
NW	.4	.3										.7	6.4
NNW	.3	.3	.3									.8	4.3

VARIABLE

CALM

TOTALS

TOTAL NUMBER OF OBSERVATIONS: 744

48.5

100.0

4.1

3.5

9.1

13.4

15.6

9.5

3.3

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: OCT HOURS(UT): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55
N	.1	.3	.4	.4	.1	.1	.1	.9	7.1			
NNE	.5	.4	.7	.1	.1	.1	.1	1.9	7.1			
NE	.4	1.3	2.7	4.4	1.6	.1	.1	10.6	11.9			
ENE	.7	2.2	3.8	3.5	1.7	.3	.3	12.1	11.0			
E	1.1	2.6	1.9	1.1	.3			6.9	7.5			
ESE	1.3	1.9	.5					3.8	4.4			
SE	.9	.9						1.9	3.9			
SSE	.4	.7	.1					1.2	4.0			
S	.3	.1	.1					.5	3.8			
SSW	1.2	.3						1.5	2.6			
SW	2.2							2.2	2.4			
WSW	.9	.8						1.7	3.5			
W	.5	.1	.7	.1				1.5	5.8			
WNW	.3	.5	.3					1.1	5.8			
NW	.1	.5	.1					.8	5.2			
NNW			.1					.1	7.0			
VARIABLE	////////////////////////////////////											
CALM	////////////////////////////////////											
TOTALS	11.0	12.6	11.4	9.4	3.8	.4		100.0	4.0			

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

DIRECTION (DEGREES)	STATION NAME: INDIAN MOUNTAIN AFS AK							PERIOD OF RECORD: 77-84					
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	.1	.1	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.6	0.6
NNE	.3	.3	.7	.3	.1	.1	.1	.1	.1	.1	.1	0.3	12.1
NE	1.3	2.8	2.7	1.3	.3	.3	.3	.3	.3	.3	.3	0.3	12.1
ENE	.7	1.9	4.2	3.9	1.7	.4	.4	.4	.4	.4	.4	12.0	11.3
E	.8	3.8	4.3	.5	.1	.1	.1	.1	.1	.1	.1	9.8	0.9
ESE	2.2	2.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	5.2	4.0
SE	1.5	2.0	.5	.5	.5	.5	.5	.5	.5	.5	.5	1.5	3.7
SSE	1.1	1.3	.5	.5	.5	.5	.5	.5	.5	.5	.5	2.4	3.5
S	.9	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	1.3	2.6
SSW	.8	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.2	3.2
SW	1.3	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	2.2	3.3
WSW	.7	.7	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.6	4.3
W	.8	1.1	.3	.3	.3	.3	.3	.3	.3	.3	.3	2.2	3.9
WNW	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.9	3.0
NW	.5	.7	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.5	4.6
NNW	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.7	3.0
VARIABLE	.....												
CALM	.....												
TOTALS	12.5	17.7	13.8	7.7	3.4	.7	.7	.7	.7	.7	.7	108.0	4.2
TOTAL NUMBER OF OBSERVATIONS:	744												

GLOBAL CLIPATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTHS: 9-11-80-1984

WIND SPEED IN KNOTS 22-27 28-33 34-40 41-47 48-55 OR 56 TOTAL MEAN WIND

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OR 56	TOTAL	MEAN WIND
N	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	3.7	2.7
NNE	.1	.4	1.2									1.7	7.1
NE	.5	1.2	1.9	1.9	1.6	.1						7.3	11.6
ENE	.3	3.6	4.6	3.9	2.0	.1						14.5	10.6
E	2.7	4.0	3.9	1.2	.1							14.0	6.4
ESE	3.1	5.0	1.6									9.7	4.4
SE	1.7	2.7	.1									4.5	3.8
SSE	1.2	.4										1.6	2.5
S	1.2	.1	.1									1.4	3.0
SSW	1.2	.9	.1									2.2	3.6
SW	.5	1.1										1.6	4.0
WSW	1.6	.8	.4									2.8	3.8
W	.4	.9	.3									1.6	4.5
WNW	.4	.4										.4	5.0
NW	.1	.3	.4									.8	6.0
NNW	.4	.8	.3									1.5	4.8

VARIABLE  
 CALM  
 TOTALS

15.5 25.0 15.3 7.0 3.8 .3 33.8 100.0

TOTAL NUMBER OF OBSERVATIONS: 744



GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: OCT HOURS: 1100-1700

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.4	.4	.3	.4	.3	.4	.3	.4	.3	.4	.3	2.0	0.1
NNE	.3	.1	1.2	.4	.4	.4	.4	.4	.4	.4	.4	7.0	1.6
NE	.7	1.6	2.4	2.2	1.6	.1	.1	.1	.1	.1	.1	15.5	0.6
ENE	.7	4.8	4.6	3.9	1.3	.1	.1	.1	.1	.1	.1	12.4	0.5
E	2.6	4.4	4.0	.9	.4	.1	.1	.1	.1	.1	.1	8.1	0.2
ESE	3.5	3.6	.8	.1	.1	.1	.1	.1	.1	.1	.1	4.6	3.7
SE	2.2	2.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.9	2.7
SSE	.7	.3	.4	.1	.1	.1	.1	.1	.1	.1	.1	.9	3.6
S	.4	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.2	3.2
SSW	.7	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.3	3.2
SW	.8	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.9	3.6
WSW	.9	.8	.1	.1	.1	.1	.1	.1	.1	.1	.1	2.3	4.9
W	.8	.8	.7	.1	.1	.1	.1	.1	.1	.1	.1	2.0	5.6
WNW	.3	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	1.5	4.9
NW	.3	.8	.4	.1	.1	.1	.1	.1	.1	.1	.1	1.5	6.3
NNW	.3	.3	.9	.1	.1	.1	.1	.1	.1	.1	.1	1.5	6.3
VARIABLE	////////////////////////////////////												
CALM	////////////////////////////////////												
TOTALS	14.2	22.6	16.7	7.5	3.4	.1	.1	.1	.1	.1	.1	58.5	4.8

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: OCT HOURS: 1511 1000-2000

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	.1	.7	.1									.9	4.1
NNE	.1	.4	.9	.3	.1							1.9	9.0
NE	.1	1.8	2.4	2.2	.9							7.4	10.7
ENE	1.5	1.9	6.7	4.2	1.2	.3						15.8	9.7
E	2.4	3.0	2.4	1.6	.1	.1						9.7	7.1
ESE	1.2	1.5	.4									3.1	4.2
SE	.4	1.2		.1								1.8	4.6
SSE	.8	.5	.1									1.5	4.0
S	.8											.8	2.3
SSW	.5	.5										1.1	3.5
SW	1.3	.5										1.9	3.0
WSW	1.1	.5	.1									1.8	3.2
W	1.1	.7	.4									2.2	4.3
WNW	.5	.9	.4									1.9	4.9
NW	.3	1.1	.7									2.0	5.4
NNW	.1	.5	.3									.9	5.6

VARIABLE  
 CALM  
 TOTALS

12.5 15.8 15.1 8.4 2.4 .4  
 45.4  
 100.0 4.0

TOTAL NUMBER OF OBSERVATIONS: 742

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAF/AFAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: OCT HOURS (LST): 2100-2300

WIND SPEED IN KNOTS  
 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN WIND

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.5	.3	.1	.1	.4							2.8	9.4
NNE	.5	1.7	.1	.4								8.6	10.9
NE	.7	.8	3.1	2.8	1.2							14.5	19.8
ENE	.8	1.3	5.5	5.5	1.3							6.9	7.7
E	1.5	1.6	2.0	1.5	.3							3.4	4.0
ESE	1.1	2.0	.3									2.4	4.1
SE	.8	1.5	.1									1.3	4.1
SSE	.8	.3	.3									.4	2.0
S	.4											1.2	2.7
SSW	.9	.3										1.6	3.0
SW	.9	.7										1.7	3.2
WSW	1.1	.7	.7	.1								2.4	5.1
W	.7	.9	.7	.1								1.3	4.7
WNW	.4	.7	.3									1.7	7.4
NW	.7	.9	.9	.1								.7	3.4
NNW	.3	.4											

VARIABLE  
 CALM  
 TOTALS 10.3 12.9 15.2 10.2 3.2 48.1 100.0 4.1

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: OCT HOURS(DAYS) ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND SPEED		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56	
N	.1	.4	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	
NNE	.2	.4	1.1	.3	.2	.2	.2	.2	.2	.2	.2	.2	2.2	
NE	.3	1.3	2.8	2.9	1.5	.1	.1	.1	.1	.1	.1	.1	6.8	
ENE	.8	2.4	4.8	4.2	1.6	.2	.2	.2	.2	.2	.2	.2	14.0	
E	1.6	3.5	2.9	1.1	.2	.0	.0	.0	.0	.0	.0	.0	9.4	
ESE	1.8	2.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	
SE	1.2	1.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	
SSE	.8	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.5	
S	.7	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.0	
SSW	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	
SW	1.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	
WSW	1.0	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.9	
W	.8	.8	.5	.1	.2	.2	.2	.2	.2	.2	.2	.2	2.2	
WNW	.4	.6	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.2	
NW	.2	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	
NNW	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.9	
VARIABLE	////////////////////////////////////												44.2	////
CALM	////////////////////////////////////												100.0	////
TOTALS	12.0	16.9	14.3	8.7	3.5	.3	.3	.3	.3	.3	.3	.3	4.2	

TOTAL NUMBER OF OBSERVATIONS: 5950

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: NOV HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55	56
N			.1									.1	6.0
NNE			.1									.3	5.5
NE			.1	.3	.4	2.8	1.4	.3	.1			5.5	14.4
ENE		.4	1.1	5.2	5.7	1.8	.6					14.8	11.7
E		.6	2.2	3.8	1.4	.1						8.1	8.0
ESE	1.4	3.2	1.1	.1	.1							6.0	5.7
SE	2.4	1.5	.7									4.6	4.1
SSE	2.1	1.1	.1									3.4	3.3
S	1.3	.6	.1									2.0	3.6
SSW	.4	.3										.7	2.8
SW	1.1	.8	.3									2.2	4.1
WSW	1.3	.6	.1									2.0	3.8
W	.3	.1	.6									1.0	6.3
WNW	.4	.8	.1									1.4	4.6
NW	.1	.3										.4	4.0
NNW			.1									.1	6.0

VARIABLE  
 CALM  
 TOTALS

47.3  
 100.0  
 4.2  
 12.0 13.2 12.7 10.2 3.5 .8 .1  
 TOTAL NUMBER OF OBSERVATIONS: 714

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: NOV HOURS: 0300-0500

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N													
NNE	.1			.3	.1							.6	12.5
NE		.1	.8	2.2	1.3	.3						4.7	14.3
ENE	.4	1.7	4.5	4.9	1.5	.1						13.1	11.2
E	1.0	3.8	3.9	1.4	.3							10.3	7.5
ESE	1.3	2.1	1.8	.3								5.4	5.7
SE	1.5	2.6	.4	.1								4.6	4.2
SSE	1.7	1.4	.4									3.5	4.1
S	1.3	.3										1.5	2.4
SSW	2.2	.4										2.6	2.7
SW	.8	.7	.3									1.8	4.1
WSW	.6	.7	.1									1.4	3.9
W	.3	.3	.1	.1								.8	5.5
WNW	.3	.1	.3									.7	5.0
NW		.1	.1									.3	7.5
NNW	.4	.1	.1	.3								1.0	6.6
VARIABLE	.....												
CALM	////////////////////												
TOTALS	11.9	14.5	13.0	9.6	3.2	.4						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: NOV HOURS(LST): 0600-0800

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN WIND		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55
N											.1	4.0
NNE			.1								.1	10.0
NE		.1	.8	3.6	1.1	.1	.3				6.1	15.0
ENE	.4	.7	4.2	5.6	1.5	.4	.1				12.9	12.1
E	1.8	3.6	3.3	1.5	.3						10.6	7.0
ESE	.8	1.7	.4	.1							3.1	4.7
SE	1.1	2.6	.6	.1							4.5	4.9
SSE	1.3	1.9	.1								3.3	3.7
S	1.5	.6									2.1	3.0
SSW	2.2	.6									2.8	2.6
SW	.4	.7	.1								1.3	4.1
WSW	.6	.1	.1								.8	3.5
W	.8	.7	.4	.1							2.1	5.0
WNW	.6	.1	.3								1.0	4.7
NW				.3							.3	11.5
NNW	.1	.1									.3	3.5
VARIABLE	.....											
CALM	//////											
TOTALS	11.7	13.8	10.6	11.4	2.9	.6	.4				48.7	4.1

TOTAL NUMBER OF OBSERVATIONS: 719

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: NOV HOURS/STA: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N													
NNE	.1	.1	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.8
NE	.1	.6	1.3	2.4	1.0	.1	.1	.1	.1	.1	.1	.1	5.4
ENE	.3	1.8	4.0	5.1	.8	.6	.1	.1	.1	.1	.1	.1	12.9
E	.4	2.5	4.2	1.4	.4	.3	.3	.3	.3	.3	.3	.3	9.2
ESE	1.5	2.1	1.4										5.0
SE	1.5	1.4	1.1										4.0
SSE	2.2	1.3	.4										3.9
S	1.8	.8											2.6
SSW	2.1	.6	.1										2.8
SW	.6	.8	.1										1.5
WSW	.7	.6	.3	.3									1.0
W	.4	1.1	.3	.1									1.9
WNW	.3	.4	.1										.8
NW	.3	.1	.3	.1									.8
NNW	.1												.1

VARIABLE  
 CALM  
 TOTALS

12.5 14.C 13.8 9.9 2.4 1.0 .1 .1  
 46.2 100.0 4.2

TOTAL NUMBER OF OBSERVATIONS: 719



GLOBAL CLIPATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED.  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES) WIND SPEED IN KNOTS

	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.1											.1	4.0
NNE				.3								.4	17.0
NE	.4	.3	.7	2.5	1.0	.1						5.0	13.2
ENE	.4	1.4	4.6	3.5	2.1	.4						12.4	11.5
E	1.4	3.6	5.6	1.4	.6							12.5	7.8
ESE	1.0	3.1	1.5	.1								5.7	5.2
SE	2.6	2.2	1.0									5.8	4.1
SSE	1.2	1.2	.6									3.1	4.6
S	1.1	.6	.1									1.8	3.3
SSW	1.1	1.2	.4									2.8	4.1
SW	1.1		.3									1.4	3.8
WSW	.8	.3	.4									1.5	4.5
W	.1	1.1	.8									2.1	5.7
WNW	.4	.3	.1									.8	4.5
NW	.1	.4										.6	4.5
NNW	.1											.1	2.0
VARIABLE	////////////////////////////////////												43.9
CALM	////////////////////////////////////												100.0
TOTALS	12.1	15.8	16.1	7.8	3.6	.7							4.3
TOTAL NUMBER OF OBSERVATIONS:													720

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAF/ETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: NOV HOURS(S): 1500-1700

DIRECTION (DEGREES) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 56 TOTAL MEAN WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND SPEED IN KNOTS
N													
NNE			.4	.1	.1							.7	12.2
NE		.1	1.3	2.0	1.8	.4	.1					5.8	15.7
ENE	.1	1.0	4.6	4.1	2.1							11.9	11.9
E	.7	3.4	5.2	1.7	.3							11.2	7.8
ESE	1.3	2.4	2.1	.1								5.9	5.0
SE	1.4	2.2	.8									4.5	4.6
SSE	1.4	1.4	.4									3.2	3.0
S	1.0	.4	.3	.1								1.8	4.3
SSW	1.3	.6	.1									2.0	3.1
SW	.4	1.0	.4									1.8	5.0
WSW	.6	.3	.8									1.7	5.8
W	.1	.8	.7	.1								1.8	7.2
WNW	.3	.6										.8	4.2
NW	.3	.3	.1									.7	5.2
NNW	.1											.1	2.0

VARIABLE

CALM	9.0	14.5	17.4	8.3	4.4	.4	.1					45.9	45.9
TOTALS												100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 712

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: NCV HOURS(LST): 1800-2000

WIND SPEED IN KNOTS WIND DIRECTION (DEGREES) TOTAL WIND

	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN
NNE		.1	.3									.4	7.3
NE	.1	.3	.7	1.3	2.4	.3						5.1	15.3
ENE	.3	2.6	4.4	3.6	1.4	.6						12.0	11.0
E	2.0	3.1	4.8	1.9	.1							12.0	7.4
ESE	1.6	3.7	1.4									6.7	4.9
SE	1.9	2.7	.4									5.0	4.1
SSE	.7	1.4	.1									2.3	4.3
S	.7	.3										1.0	2.9
SSW	.7											.7	2.2
SW	1.0	.6	.4	.1								2.1	4.9
WSW	.7	.9	.7									2.3	5.1
W	.6	.9	.6	.1								2.1	5.7
WNW	.6	.3	.1									1.0	3.6
NW	.1		.3									.4	6.3
NNW													

VARIABLE

CALM // 46.0

TOTALS 11.0 16.8 14.4 7.0 4.0 .9 100.0 4.2

TOTAL NUMBER OF OBSERVATIONS: 702

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1											.1	5.0
NNE			.1	.1	.3							.6	16.0
NE		.3	1.1	2.8	1.4	1.0						6.6	14.8
ENE	.3	1.3	4.7	4.1	1.8							12.1	11.4
E	1.6	3.5	3.4	1.0	.1							9.6	6.9
ESE	1.6	3.4	.8	.1								5.9	5.0
SE	1.4	2.0	.8									4.2	4.6
SSE	2.0	1.3	.3									3.5	3.8
S	1.3	.6										1.8	3.0
SSW	.8	.3	.1									1.3	3.0
SW	.7	.4	.4									1.6	4.1
WSW	.4	.3	.6									1.3	5.3
W	.6	.4										1.0	3.3
WNW	.3	.6	.3	.1								1.3	6.0
NW	.1		.1									.3	5.5
NNW	.1											.1	2.0
VARIABLE	.....												
CALM	////////////////////												
TOTALS	11.2	14.4	12.9	8.3	3.7	1.0						48.6	4.1

TOTAL NUMBER OF OBSERVATIONS: 708

GLOBAL CLIMATELOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: NCY HOURS (UST): ALL

WIND SPEED IN KNOTS WIND DIRECTION (DEGREES) MEAN WIND

	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL
N	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
NNE	.1	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	12.1
NF	.1	.3	.9	2.5	1.4	.3	.1	.0	.0	.0	.0	5.3
ENE	.3	1.4	4.5	4.6	1.6	.3	.0	.0	.0	.0	.0	12.8
E	1.2	3.2	4.3	1.5	.3	.0	.0	.0	.0	.0	.0	10.4
ESE	1.3	2.7	1.3	.1	.0	.0	.0	.0	.0	.0	.0	5.2
SE	1.7	2.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	4.4
SSE	1.6	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.3
S	1.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.8
SSW	1.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0
SW	.8	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.7
WSW	.7	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.6
W	.4	.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.6
WNW	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NW	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5
NNW	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2

VARIABLE  
 CALH //  
 TOTALS 11.4 14.6 13.9 9.1 3.4 .7 .1 .0 .0 .0 .0 .0 .0

TOTAL NUMBER OF OBSERVATIONS: 5711

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORDS: 76-03  
 MONTH: DEC MONTHS(LST): 0000-0200  
 WIND SPEED IN KNOTS: 20-33 34-40 41-47 48-55 GE 56 TOTAL MEAN WIND  
 DIRECTION (DEGREES) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN WIND

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.1												
NNE													
NE		.1	.3	.7	1.4		.1					2.6	1.6
ENE	.5	1.1	2.3	4.6	1.2	1.4	.1					11.9	13.7
E	.9	2.0	3.1	1.4	.8	.1						8.3	9.4
ESE	.9	2.0	1.4									4.3	5.0
SE	.9	1.5	.7									3.1	4.6
SSE	1.1	1.6										2.7	3.9
S	1.2	.3										1.5	2.2
SSW	.9	.3	.1	.3								1.6	4.8
SW	.3	.1	.8									1.2	6.7
WSW		.4	.5									.9	7.4
W	.1	.3	.3									.7	6.8
WNW	.3	.3										.8	4.0
NW	.1		.1									.4	9.2
NNW		.1	.4									.8	7.8
VARIABLE													
CALM	////////////////////												59.1
TOTALS	7.4	16.3	10.1	7.0	4.1	1.5	.4					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 759

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 76-83

MONTH: DEC HOURS: 0100-0100

DIRECTION (DEGREES) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN WIND

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N													
NNE	.1	.1		.4								.7	9.2
NE	.3		.8	.7	1.2	.7						3.7	15.7
ENE	.3	1.2	1.4	3.7	2.2	.8						9.5	13.7
E	.5	2.9	3.4	2.0	.3	.1						9.3	8.9
ESE	1.5	1.2	1.6	.1								5.2	5.4
SE	.5	1.8	1.0									3.3	5.3
SSE	1.2	1.0	.4									2.6	4.2
S	1.2	.4										1.6	3.2
SSW	.4	.3	.3									1.0	4.6
SW	.5	1.0	.5									2.0	5.1
WSW	.3	.3	.4	.1								1.1	6.5
W	.4	.1	.3									.8	5.2
WNW	.3	.3	.1									.7	4.6
NW		.4	.1									.5	5.3
NNW		.1	.1									.3	6.0

VARIABLE

CALM  
 TOTALS 7.8 11.7 10.5 7.1 3.8 1.6 100.0 3.6

TOTAL NUMBER OF OBSERVATIONS: 735

GLOBAL CLIMATE LOG BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS: 1511-0000-0000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL WIND				
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		41-47	48-55	56	
N			.1								.1	2.0	
NNE			.1		.3							.4	15.1
NE				.7	1.5	1.1	.5		.1			3.9	16.7
ENE	.5		3.4	3.7	1.6	.4		.1				10.4	12.9
E	.4	1.8	4.1	1.1	1.2	.1						8.7	9.7
ESE	.7	2.7	1.1									4.5	5.2
SE	1.1	1.2	1.4									3.7	5.4
SSE	.5	.8	.3									1.6	4.5
S	.8	1.1										1.9	3.6
SSW	.7	.4										1.1	3.1
SW	.1	.3	.9	.1								1.5	7.5
WSW	.7	.5	.4	.1								1.6	5.6
W	.3	.4	.3	.1								1.1	6.4
WNW	.1	.1	.1									.4	6.0
NW	.1	.1	.1	.1								.5	6.8
NNW		.1	.4	.1								.7	9.2

VARIABLE: .....

CALM: .....

TOTALS: 6.1 10.3 13.3 6.9 4.2 1.1 .1 100.0 3.9

TOTAL NUMBER OF OBSERVATIONS: 737



GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS(S): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.1											.1	2.0
NNE													
NE	.3	.1	.9	1.9	1.1	.3	.1					4.7	14.5
ENE	.1	.4	2.7	3.6	2.0	.9	.3					10.1	14.4
E	.4	.7	2.8	2.7	.8							7.4	10.9
ESE	1.1	1.9	1.2	.1								4.3	5.3
SE	.8	1.9	.7	.1								3.5	5.2
SSE	1.6	1.3	.3	.1								3.4	4.2
S	1.2	.4										1.6	3.0
SSW	1.2	.3	.4									1.9	3.7
SW	.8	.1	.4	.4								1.0	6.0
WSW	.7	.8	.3									1.8	7.0
W	.1	.4	.5	.1								1.2	7.3
WNW	.1		.1									.3	5.5
NW	.3	.5	.3									7.1	8.3
NNW	.1	.1										.3	5.0
VARIABLE	.....												
CALM	////////////////////												
TOTALS	8.1	6.5	11.6	9.7	3.9	1.2	.3	.1				56.5	100.0
TOTAL NUMBER OF OBSERVATIONS:	741												

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAF/ETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS: 00-11 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS						TOTAL	MEAN WIND SPEED										
	1-3	4-6	7-10	11-16	17-21	22-27			28-33	34-40	41-47	48-55	GE 56					
N	.3																	
NNE	.1	.1	.3	.9	1.1	1.1	.3	.5	12.0									
NE	.3	.3	.9	1.9	1.1	1.1	.8	5.3	15.4									
ENE	.1	.4	1.8	3.1	3.0	.8	.8	9.2	14.9									
E	.5	1.3	3.0	2.0	.5	.3	.3	7.7	10.2									
ESE	.4	2.0	1.3	.1				3.9	6.0									
SE	.9	1.6	.7					3.2	4.8									
SSE	1.2	1.1	.4					2.7	4.0									
S	1.2	.4	.1	.1				1.9	4.3									
SSW	.5	.4						.9	3.4									
SW	.1	.1	.1	.1				.4	9.0									
WSW	.5	.5	.8	.1				2.0	6.7									
W	.4	.1	.4	.5				1.5	7.6									
WNW	.7	.3						.9	3.7									
NW	.3	.3	.1					.7	5.2									
NNW	.1	.3						.4	6.3									
VARIABLE	.....																	
CALM	//////////////////////																	
TOTALS	7.2	9.0	10.3	8.1	4.9	2.2		58.4	100.0	4.0								

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN WIND											
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55	56								
N																					
NNE		.3	.3	.1											.7					13.0	
NE	.3	.7	1.6	.5	.8										3.9					15.3	
ENE	.4	.5	2.6	3.6	1.6	1.3	.1	.1							10.4					14.0	
E	.8	2.0	2.6	1.5	.9	.4									6.2					10.0	
ESE	1.3	1.1	1.1	.1											3.6					5.0	
SE	1.5	1.2	.9	.3											3.9					4.8	
SSE	1.1	.9	.4												2.4					3.9	
S	.7	.3													.9					2.4	
SSW	.8	.7	.1												1.6					3.5	
SW	.8	.5	.4	.1											1.9					5.1	
WSW	.4	.9	.3												1.6					4.7	
W	.3	.5	.1												.9					8.1	
WNW	.4	.4													.8					6.7	
NW	.1	.1													.3					6.5	
NNW	.1														.1					2.0	
VARIABLE	.....																				
CALM	////////////////////																				
TOTALS	8.0	9.3	10.4	7.7	3.2	2.6	.1	.1							58.6	77777				100.0	3.6
TOTAL NUMBER OF OBSERVATIONS:	741																				

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS: 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN WIND				
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55	GE 56	
N	.1												.1	1.0
NNE				.1									.1	12.0
NE	.1	.1	.9	1.2	1.0	.6							4.0	14.8
ENE	.4	.6	2.5	4.3	1.9								9.7	12.1
E	1.8	1.5	3.5	.9	.3	.1							8.1	8.0
ESE	1.0	1.3	.6	.3									3.2	5.7
SE	1.2	1.5	.4	.1									3.7	4.8
SSE	1.5	.9	.1										2.5	3.2
S	.6	.1											.7	2.6
SSW	.7		.1										.9	2.8
SW	.3	.9											1.2	7.3
WSW	.4	.7	.4										1.6	5.3
W	.1	.4	.6										1.2	6.6
WNW	.4	.3	.1										.9	4.3
NW	.1	.1	.3										.6	6.0
NNW														

VARIABLE  
 CALM // 61.5 //  
 TOTALS 8.7 8.4 10.6 6.9 3.2 .7 100.0 3.2

TOTAL NUMBER OF OBSERVATIONS: 681

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-83  
 MONTH: DEC HOURS: 2100-2300

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N													
NNE													
NE	.2	.3	.6	1.1	.3	.6						3.1	13.3
ENE	.3	.6	3.1	4.5	.9	.2						9.5	11.8
E	.3	2.8	2.0	.9								6.0	7.6
ESE	1.5	2.6	1.4	.2								5.7	5.3
SE	.8	2.3	.5									3.5	4.8
SSE	.9	.3	.5									1.7	4.1
S	.3	.6										.9	3.7
SSW	.3	.9	.2									1.4	5.3
SW	.3	.5	.2									.9	4.7
WSW	.3	.6	.6									1.5	6.1
W	.2	.3										.5	6.3
WNW	.2	.2	.2	.2	.2							.5	13.3
NW	.2	.2	.5	.2								.9	9.3
NNW	.2	.2	.3									.6	6.0

WIND SPEED IN AMPTS

WIND SPEED IN AMPTS

WIND SPEED IN AMPTS

WIND SPEED IN AMPTS

WIND SPEED IN AMPTS

WIND SPEED IN AMPTS

WIND SPEED IN AMPTS

WIND SPEED IN AMPTS

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WIND SPEED IN AMPTS

WIND SPEED IN AMPTS

TOTAL NUMBER OF OBSERVATIONS: 651

63.1

100.0

5.0

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS.

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.3
NNF	.0	.1	.0	.1	.1	.1	.1	.0	.1	.3	.3	12.0	
NE	.1	.2	.7	1.3	1.0	.6	.0	.0	.0	.0	.0	3.9	15.3
ENE	.3	.7	2.4	3.9	1.9	.7	.1	.0	.0	.0	.0	10.1	13.5
E	.7	1.9	3.1	1.6	.6	.2	.0	.0	.0	.0	.0	8.0	9.4
ESE	1.1	1.9	1.2	.1	.1	.1	.1	.0	.0	.0	.0	4.3	5.4
SE	1.0	1.7	.8	.1	.1	.1	.1	.0	.0	.0	.0	3.5	5.0
SSE	1.1	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.0
S	.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.2
SSW	.7	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.9
SW	.4	.4	.5	.1	.1	.1	.1	.0	.0	.0	.0	1.4	6.1
WSW	.3	.6	.5	.1	.1	.1	.1	.0	.0	.0	.0	1.5	6.2
W	.2	.3	.4	.1	.1	.1	.1	.0	.0	.0	.0	1.0	6.9
WNW	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.6
NW	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.6	7.3
NNW	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.8
VARIABLE	.....												
CALC	////////////////////												
TOTALS	7.4	9.9	10.9	7.5	3.6	1.5	.1	.1	.1	.1	.1	100.0	3.7
TOTAL NUMBER OF OBSERVATIONS:	5766												

GLOBAL CLIPATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 76-84  
 MONTH: ALL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.0	6.3
NNE	.2	.4	.6	.2	.1	.0	.0	.0	.0	.0	.0	1.6	8.2
NE	.3	.9	2.0	1.7	.7	.3	.0	.0	.0	.0	.0	5.9	11.3
ENE	.8	1.9	3.7	3.0	1.1	.3	.0	.0	.0	.0	.0	10.8	10.4
E	1.4	2.7	2.5	.8	.2	.0	.0	.0	.0	.0	.0	7.7	7.0
ESE	1.5	1.9	.9	.1	.0	.0	.0	.0	.0	.0	.0	4.4	4.9
SE	1.1	1.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.4
SSE	.8	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.0
S	.9	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.8
SSW	1.2	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.8
SW	1.2	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.2
WSW	1.5	1.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	3.4	4.3
W	1.6	1.7	.8	.1	.0	.0	.0	.0	.0	.0	.0	4.1	4.6
WNW	.9	1.4	.7	.1	.0	.0	.0	.0	.0	.0	.0	3.2	5.1
NW	.6	1.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	2.7	5.5
NNW	.4	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.5	5.6
VARIABLE	.....												
CALM	////////////////////												
TOTALS	14.7	19.2	14.5	6.3	2.1	.6	.1	.0	.0	.0	.0	100.0	3.97

TOTAL NUMBER OF OBSERVATIONS: 65167

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 76-84  
 MONTH: ALL HOURS: ALL ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE  
 AND/OR  
 CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

WIND SPEED IN ANGLES WIND SPEED IN ANGLES WIND SPEED IN ANGLES WIND SPEED IN ANGLES  
 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN WIND

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND	
N	.1	.2	.1	.1	.1	.1	.0					.6	8.7	
NNE	.1	.2	.1	.1	.1	.1	.0					.6	10.2	
NE	.2	.4	1.0	.9	.7	.2	.0	.0				3.5	12.3	
ENE	.9	.8	1.8	1.5	.7	.3	.0	.0				6.0	10.7	
E	1.5	1.5	1.0	.2	.1							4.3	5.4	
ESE	2.0	1.5	.3	.0								3.9	3.8	
SE	1.4	.9	.4	.1								2.7	4.2	
SSE	1.0	.7	.2									1.9	3.9	
S	.7	.4	.3	.0								1.5	4.3	
SSW	1.1	.9	.3									2.3	4.0	
SW	1.8	1.7	.6	.1								4.3	4.4	
WSW	2.7	3.1	1.4	.2								7.3	4.7	
W	2.2	2.5	1.6	.3	.0							6.6	5.1	
WNW	.6	.5	.4	.1	.0							1.7	5.5	
NW	.2	.4	.3	.1								1.1	5.9	
NNW	.2	.4	.2	.1	.0							.9	5.9	
VARIABLE	////////////////////												50.7	////
CALM	////////////////////												100.0	3.0
TOTALS	16.8	16.2	10.2	3.7	1.6	.6	.1	.1						

TOTAL NUMBER OF OBSERVATIONS: 5906



## 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 to 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  $\geq 10$  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	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 5/16	≥ 1/4	≥ 0
N 1800													
N 1500					91.0								92.6
N 1200													
N 1000													
N 900													
N 800													
N 700													
N 600													
N 500									97.4				98.1
N 400													
N 300													
N 200													
N 100													
N 0					95.4		96.9		98.3				100.0

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  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus, 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $> 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  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  
USAFELTAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-04  
MONTH: JAN HOURS: 0000-0200

CEILING 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 1/16	GE 0
NO CEILING	40.1	62.2	63.3	63.6	63.6	63.6	63.6	63.6	64.0	64.4	64.4	64.4	64.4	64.4	64.4
GE 20000	40.1	62.2	63.3	63.6	63.6	63.6	63.6	63.6	64.0	64.4	64.4	64.4	64.4	64.4	64.4
GE 18000	40.5	62.6	63.7	64.0	64.0	64.0	64.0	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	40.9	63.0	64.1	64.4	64.4	64.4	64.4	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 14000	40.9	63.0	64.1	64.4	64.4	64.4	64.4	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 12000	41.6	63.7	64.8	65.1	65.1	65.1	65.1	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	43.5	66.3	67.7	68.0	68.0	68.0	68.0	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 9000	44.6	67.6	69.0	69.2	69.2	69.2	69.2	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 8000	46.8	70.2	72.0	72.4	72.4	72.4	72.4	72.5	72.9	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	47.8	72.8	74.6	75.0	75.0	75.0	75.1	75.1	75.5	76.0	76.0	76.0	76.0	76.0	76.0
GE 6000	48.1	73.8	75.5	75.7	76.0	76.0	76.1	76.1	76.5	76.9	76.9	76.9	76.9	76.9	76.9
GE 5000	50.1	77.1	78.8	79.0	79.3	79.4	79.4	79.4	79.8	80.2	80.2	80.2	80.2	80.2	80.2
GE 4500	50.4	78.0	79.9	80.2	80.6	80.6	80.8	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4000	51.1	80.5	82.7	83.1	83.5	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3500	51.8	82.7	85.0	85.6	86.3	86.3	86.8	87.0	87.4	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	52.2	84.1	87.0	87.6	88.6	89.4	89.7	89.7	90.1	90.5	90.5	90.5	90.5	90.5	90.5
GE 2500	52.6	85.3	88.3	89.1	90.4	90.4	91.2	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	52.9	85.9	89.1	90.0	91.3	91.3	92.9	93.3	93.8	94.0	94.4	94.4	94.4	94.4	94.4
GE 1800	53.3	86.3	89.7	90.5	91.9	91.9	93.4	93.8	94.5	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	53.3	86.4	90.4	91.3	92.7	92.9	94.4	94.9	95.6	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	53.7	87.1	91.1	92.2	93.5	93.7	96.0	96.7	97.4	97.9	98.2	98.4	98.4	98.4	98.4
GE 1000	53.7	87.1	91.1	92.2	93.5	93.7	96.0	96.7	97.4	97.9	98.2	98.4	98.4	98.4	98.4
GE 900	53.7	87.1	91.1	92.2	93.5	93.7	96.0	96.7	97.4	97.9	98.2	98.4	98.4	98.4	98.4
GE 800	53.7	87.1	91.1	92.2	93.5	93.7	96.0	96.7	97.4	97.9	98.2	98.4	98.4	98.4	98.4
GE 700	53.7	87.1	91.1	92.2	93.5	93.7	96.0	96.7	97.4	97.9	98.2	98.4	98.4	98.4	98.4
GE 600	53.7	87.1	91.1	92.2	93.5	93.7	96.0	96.7	97.4	97.9	98.2	98.4	98.4	98.4	98.4
GE 500	53.7	87.2	91.2	92.3	93.8	94.0	96.6	97.8	98.9	99.6	99.9	100.0	100.0	100.0	100.0
GE 400	53.7	87.2	91.2	92.3	93.8	94.0	96.6	97.8	98.9	99.6	99.9	100.0	100.0	100.0	100.0
GE 300	53.7	87.2	91.2	92.3	93.8	94.0	96.6	97.8	98.9	99.6	99.9	100.0	100.0	100.0	100.0
GE 200	53.7	87.2	91.2	92.3	93.8	94.0	96.6	97.8	98.9	99.6	99.9	100.0	100.0	100.0	100.0
GE 100	53.7	87.2	91.2	92.3	93.8	94.0	96.6	97.8	98.9	99.6	99.9	100.0	100.0	100.0	100.0
GE 0	53.7	87.2	91.2	92.3	93.8	94.0	96.6	97.8	98.9	99.6	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 728

GLOBAL CLIPATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JAN HOURS: 1111 0300-0500

CEILING	VISIBILITY IN STATUTE MILES															
	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
AC CEIL	35.9	62.0	62.7	63.0	63.6	63.6	64.1	64.1	64.1	64.1	64.3	64.6	64.6	64.6	64.6	64.6
GE 20000	35.9	62.0	62.7	63.0	63.6	63.6	64.1	64.1	64.1	64.1	64.3	64.6	64.6	64.6	64.6	64.6
GE 18000	36.9	63.0	63.8	64.2	64.6	64.6	65.0	65.0	65.0	65.0	65.3	65.6	65.6	65.6	65.6	65.6
GE 16000	37.3	63.4	64.1	64.3	65.0	65.0	65.4	65.4	65.4	65.4	65.7	66.0	66.0	66.0	66.0	66.0
GE 14000	37.3	63.5	64.2	64.5	65.2	65.2	65.6	65.6	65.6	65.6	65.8	66.1	66.1	66.1	66.1	66.1
GE 12000	38.0	64.5	65.2	65.4	66.1	66.1	66.5	66.5	66.5	66.5	66.8	67.1	67.1	67.1	67.1	67.1
GE 10000	40.6	67.4	68.0	68.3	69.0	69.0	69.4	69.4	69.4	69.4	69.7	70.0	70.0	70.0	70.0	70.0
GE 9000	41.7	68.7	69.7	70.0	70.6	70.6	71.1	71.1	71.1	71.1	71.3	71.6	71.6	71.6	71.6	71.6
GE 8000	44.9	72.3	73.5	73.9	74.6	74.6	75.2	75.2	75.2	75.2	75.4	75.7	75.7	75.7	75.7	75.7
GE 7000	45.0	73.0	74.2	74.6	75.3	75.3	75.9	75.9	75.9	75.9	76.1	76.4	76.4	76.4	76.4	76.4
GE 6000	45.1	74.8	76.0	76.4	77.1	77.2	77.6	77.6	77.6	77.6	77.9	78.2	78.2	78.2	78.2	78.2
GE 5000	46.2	76.7	77.9	78.3	79.0	79.1	79.6	79.6	79.6	79.6	79.8	80.1	80.1	80.1	80.1	80.1
GE 4500	47.6	78.7	80.2	80.7	81.3	81.5	81.9	81.9	81.9	81.9	82.2	82.4	82.4	82.4	82.4	82.4
GE 4000	48.0	81.5	83.0	84.0	85.0	85.2	85.9	85.9	85.9	85.9	86.1	86.4	86.4	86.4	86.4	86.4
GE 3500	48.4	83.5	85.5	86.4	87.8	87.9	88.8	88.8	88.8	88.8	89.0	89.6	89.6	89.6	89.6	89.6
GE 3000	49.1	85.0	87.0	88.1	90.0	90.1	90.9	90.9	90.9	91.1	91.8	92.0	92.3	92.3	92.3	92.3
GE 2500	49.5	85.6	87.7	88.9	91.4	91.5	92.3	92.3	92.3	92.5	93.1	93.4	93.7	93.7	93.7	93.7
GE 2000	49.7	86.0	88.1	90.1	92.9	93.1	94.0	94.0	94.0	94.1	94.8	95.1	95.3	95.3	95.3	95.3
GE 1800	49.9	86.4	88.5	91.5	93.3	93.6	94.4	94.4	94.4	94.5	95.2	95.5	95.7	95.7	95.7	95.7
GE 1500	49.9	86.8	89.0	91.1	93.8	94.1	95.6	95.6	95.6	96.0	96.7	97.0	97.3	97.3	97.3	97.3
GE 1200	50.1	87.1	89.3	91.6	94.4	94.7	96.2	96.2	96.2	96.8	97.5	97.8	98.1	98.1	98.1	98.1
GE 1000	50.1	87.1	89.3	91.6	94.4	94.7	96.2	96.2	96.2	97.0	97.8	98.1	98.4	98.4	98.4	98.4
GE 900	50.1	87.1	89.3	91.6	94.4	94.7	96.4	96.4	96.4	97.0	97.8	98.1	98.4	98.4	98.4	98.4
GE 800	50.1	87.1	89.3	91.6	94.4	94.7	96.4	96.4	96.4	97.3	98.2	98.5	98.8	98.8	98.8	98.8
GE 700	50.1	87.1	89.3	91.6	94.4	94.7	96.6	96.6	96.6	97.7	98.5	98.8	99.0	99.0	99.0	99.0
GE 600	50.1	87.1	89.3	91.6	94.8	95.1	97.3	97.3	97.3	98.4	99.2	99.5	99.7	99.7	99.7	99.7
GE 500	50.1	87.1	89.3	91.6	94.8	95.1	97.3	97.3	97.3	98.4	99.2	99.5	99.7	99.7	99.7	99.7
GE 400	50.1	87.1	89.3	91.6	94.8	95.1	97.3	97.3	97.3	98.4	99.2	99.5	99.7	99.7	99.7	99.7
GE 300	50.1	87.1	89.3	91.6	94.8	95.1	97.3	97.3	97.3	98.4	99.2	99.5	99.7	99.7	99.7	99.7
GE 200	50.1	87.1	89.3	91.6	94.8	95.1	97.3	97.3	97.3	98.4	99.2	99.5	99.7	99.7	99.7	99.7
GE 100	50.1	87.1	89.3	91.6	94.8	95.1	97.3	97.3	97.3	98.4	99.2	99.5	99.7	99.7	99.7	99.7
GE 01	50.1	87.1	89.3	91.6	94.8	95.1	97.3	97.3	97.3	98.4	99.2	99.5	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH  
L-SAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2 1/2	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4

NC CEIL	37.4	60.5	61.6	61.7	62.6	62.6	63.1	63.5	63.5	63.5	63.9	63.9	63.9	63.9	63.9
GE 20000	37.6	60.6	61.7	61.9	62.7	62.7	63.2	63.6	63.6	63.6	64.1	64.1	64.1	64.1	64.1
GE 18000	37.9	60.9	62.0	62.1	63.0	63.0	63.5	63.9	63.9	63.9	64.3	64.3	64.3	64.3	64.3
GE 16000	38.0	61.0	62.1	62.3	63.1	63.1	63.6	64.1	64.1	64.1	64.5	64.5	64.5	64.5	64.5
GE 14000	38.0	61.2	62.3	62.4	63.2	63.2	63.8	64.2	64.2	64.2	64.6	64.6	64.6	64.6	64.6
GE 12000	38.3	61.6	62.7	62.8	63.6	63.6	64.2	64.6	64.6	64.6	65.0	65.0	65.0	65.0	65.0
GE 10000	41.0	64.7	65.8	66.0	66.8	66.8	67.4	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2
GE 9000	42.4	66.3	67.4	67.5	68.3	68.3	68.9	69.3	69.3	69.3	69.7	69.7	69.7	69.7	69.7
GE 8000	44.2	68.9	70.0	70.2	71.1	71.1	71.6	72.0	72.0	72.0	72.4	72.4	72.4	72.4	72.4
GE 7000	44.6	71.1	72.4	72.7	73.5	73.5	74.1	74.5	74.5	74.5	75.2	75.2	75.2	75.2	75.2
GE 6000	45.0	73.1	74.6	74.9	75.7	75.7	76.3	76.7	76.7	76.7	77.4	77.4	77.4	77.4	77.4
GE 5000	47.3	75.9	77.5	77.8	78.6	78.6	79.1	79.6	79.6	79.6	80.2	80.2	80.2	80.2	80.2
GE 4500	47.7	76.7	78.5	78.7	79.6	79.6	80.4	80.8	80.8	80.8	81.5	81.5	81.5	81.5	81.5
GE 4000	48.3	79.1	81.1	81.5	82.4	82.4	83.4	84.0	84.0	84.0	84.6	84.6	84.6	84.6	84.6
GE 3500	49.1	81.2	83.7	84.5	85.6	85.6	86.6	87.1	87.1	87.1	87.8	87.8	87.8	87.8	87.8
GE 3000	49.7	82.4	84.9	85.7	87.1	87.1	88.1	88.9	88.9	88.9	89.6	89.6	89.6	89.6	89.6
GE 2500	50.2	83.4	86.1	87.7	89.2	89.2	90.1	90.9	90.9	90.9	91.8	91.8	91.8	91.8	91.8
GE 2000	50.2	83.7	87.0	88.5	90.8	90.8	91.8	92.9	92.9	92.9	93.7	93.7	93.7	93.7	93.7
GE 1800	50.2	84.1	87.4	88.9	91.2	91.2	92.2	93.3	93.3	93.3	94.1	94.1	94.1	94.1	94.1
GE 1500	50.6	84.8	88.1	89.8	92.3	92.3	93.7	95.2	95.2	95.2	96.0	96.4	96.4	96.4	96.4
GE 1200	50.8	85.0	88.3	90.1	92.6	92.6	94.0	95.6	95.6	95.6	96.6	97.0	97.0	97.0	97.0
GE 1000	50.8	85.6	88.9	90.8	93.3	93.3	94.7	96.3	96.3	96.3	97.3	97.9	97.9	97.9	97.9
GE 900	50.8	85.6	89.0	90.9	93.4	93.4	94.8	96.6	96.6	96.6	97.5	98.2	98.2	98.2	98.2
GE 800	50.8	85.6	89.2	91.1	93.6	93.6	94.9	96.7	96.7	96.7	97.7	98.4	98.4	98.4	98.4
GE 700	50.8	85.6	89.2	91.1	93.6	93.6	94.9	96.7	96.7	96.7	97.7	98.4	98.4	98.4	98.4
GE 600	50.8	85.9	89.4	91.4	93.8	93.8	95.2	97.0	97.0	97.0	97.9	98.6	98.6	98.6	98.6
GE 500	50.8	86.3	89.8	91.8	94.2	94.2	95.6	97.4	97.4	97.4	98.4	99.0	99.0	99.0	99.0
GE 400	50.8	86.3	89.8	91.8	94.4	94.4	95.7	97.5	97.5	97.5	98.5	99.3	99.3	99.3	99.3
GE 300	50.8	86.3	89.8	91.8	94.4	94.4	95.7	97.5	97.5	97.5	98.5	99.2	99.2	99.2	99.2
GE 200	50.8	86.3	89.8	91.8	94.4	94.4	95.7	97.5	97.5	97.5	98.5	99.2	99.2	99.2	99.2
GE 100	50.8	86.3	89.8	91.8	94.4	94.4	95.7	97.5	97.5	97.5	98.5	99.2	99.2	99.2	99.2
GE 01	50.8	86.3	89.8	91.8	94.4	94.4	95.7	97.5	97.5	97.5	98.5	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS(SI): 0900-1100

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	5	4	3	2	1 1/2	1	1/4	1/4	1/2	5/8	1/2	5/16	1/4	0
NC CELL	43.2	51.9	52.8	53.4	53.6	53.8	54.3	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9
GE 20000	43.3	53.1	53.9	54.6	54.6	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 18000	44.9	53.6	54.6	55.1	55.4	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 16000	45.3	54.0	55.0	55.6	55.8	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 14000	45.4	54.2	55.3	55.8	56.1	56.2	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 12000	45.7	54.5	55.6	56.1	56.4	56.5	57.1	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 10000	48.0	56.8	58.2	58.7	59.0	59.1	59.7	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 9000	49.2	58.0	59.4	59.9	60.2	60.4	60.9	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 8000	53.4	62.4	63.8	64.3	64.7	64.9	65.4	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000	54.5	64.1	65.4	66.0	66.4	66.5	67.1	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 6000	56.1	65.8	67.2	67.8	68.2	68.3	68.9	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	60.8	71.2	72.8	73.4	73.8	73.9	74.5	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4500	61.5	72.3	73.9	74.6	75.2	75.3	75.9	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 4000	64.5	76.3	78.1	78.9	79.4	79.6	80.1	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3500	66.4	79.0	81.1	81.9	82.6	82.7	83.3	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	67.5	80.7	82.7	83.8	85.0	85.3	86.0	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	68.3	81.8	84.0	85.2	86.7	87.0	87.7	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	69.1	83.0	85.6	86.8	88.6	88.9	89.7	90.8	91.4	91.4	91.4	91.5	91.6	91.6	91.6
GE 1800	69.3	83.3	85.9	87.2	89.0	89.3	90.1	91.2	91.8	91.8	91.8	91.9	92.0	92.0	92.0
GE 1500	69.7	84.0	87.1	88.6	90.5	90.8	91.8	93.0	93.7	93.7	93.7	93.8	94.0	94.0	94.0
GE 1200	70.1	84.5	87.8	89.7	91.6	91.9	93.1	94.4	95.5	95.5	95.5	95.6	95.7	95.7	95.7
GE 1000	70.2	85.0	88.5	90.5	92.6	92.9	94.5	95.7	97.3	97.4	97.4	97.5	97.7	97.7	97.7
GE 900	70.4	85.3	88.9	90.9	93.0	93.3	95.2	96.6	98.1	98.2	98.2	98.4	98.5	98.5	98.5
GE 800	70.5	85.5	89.0	91.1	93.1	93.4	95.3	97.0	98.5	98.6	98.6	98.8	98.9	98.9	98.9
GE 700	70.5	85.5	89.0	91.1	93.1	93.4	95.3	97.0	98.5	98.6	98.6	98.8	98.9	98.9	98.9
GE 600	70.5	85.6	89.2	91.2	93.4	93.7	95.6	97.3	98.8	99.0	99.2	99.3	99.3	99.3	99.3
GE 500	70.5	85.7	89.3	91.4	93.6	93.8	95.7	97.4	98.9	99.2	99.3	99.6	99.7	99.7	99.7
GE 400	70.5	85.7	89.3	91.4	93.6	93.8	95.7	97.4	98.9	99.2	99.3	99.6	99.7	99.7	99.7
GE 300	70.5	85.7	89.3	91.4	93.6	93.8	95.7	97.4	98.9	99.3	99.5	99.7	99.9	99.9	99.9
GE 200	70.5	85.7	89.3	91.4	93.6	93.8	95.7	97.4	98.9	99.3	99.5	99.9	100.0	100.0	100.0
GE 100	70.5	85.7	89.3	91.4	93.6	93.8	95.7	97.4	98.9	99.3	99.5	99.9	100.0	100.0	100.0
GE 01	70.5	85.7	89.3	91.4	93.6	93.8	95.7	97.4	98.9	99.3	99.5	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JAN HOURS(LST): 1200-1400

CEILING	VISIBILITY IN STATUTE MILES															
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10	IN
NO CEIL	44.7	47.6	48.1	48.3	48.8	49.1	49.4	49.4	49.4	49.5	49.5	49.7	49.7	49.7	49.7	49.7
GE 20000	45.5	48.7	49.2	49.4	49.9	50.2	50.5	50.5	50.5	50.6	50.6	50.8	50.8	50.8	50.8	50.8
GE 18000	49.5	52.8	53.4	53.5	54.0	54.3	54.6	54.6	54.6	54.7	54.7	54.9	54.9	54.9	54.9	54.9
GE 16000	50.1	53.5	54.0	54.2	54.7	55.0	55.3	55.3	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6
GE 14000	50.5	53.9	54.5	54.6	55.1	55.4	55.7	55.7	55.7	55.8	55.8	56.0	56.0	56.0	56.0	56.0
GE 12000	51.4	54.9	55.4	55.7	56.2	56.5	56.8	56.8	56.8	56.9	56.9	57.1	57.1	57.1	57.1	57.1
GE 10000	54.9	58.6	59.1	59.5	60.1	60.4	60.6	60.6	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9
GE 9000	56.7	60.4	60.9	61.3	61.9	62.1	62.4	62.4	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7
GE 8000	60.5	64.3	65.0	65.6	66.1	66.4	66.8	66.8	66.8	66.9	66.9	67.1	67.1	67.1	67.1	67.1
GE 7000	63.4	67.2	67.9	68.4	69.0	69.3	69.7	69.7	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.0
GE 6000	65.8	69.8	70.5	71.1	71.6	71.9	72.3	72.3	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.6
GE 5000	70.4	74.3	75.4	76.0	76.7	77.0	77.4	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6
GE 4000	71.3	75.4	76.7	77.2	77.9	78.2	78.6	78.6	78.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9
GE 3500	73.7	78.1	79.3	79.8	80.5	80.8	81.3	81.3	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6
GE 3000	76.3	80.9	82.2	82.7	83.4	83.7	84.2	84.2	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5
GE 2500	78.5	83.3	84.6	85.5	86.1	86.6	87.1	87.1	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4
GE 2000	78.7	84.4	85.9	86.8	87.7	88.1	88.6	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0
GE 1800	80.0	85.6	87.2	88.5	89.4	89.8	90.7	90.8	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2
GE 1500	80.4	86.6	88.3	89.6	90.7	91.2	92.2	92.5	92.5	92.7	92.7	92.9	92.9	92.9	92.9	92.9
GE 1200	80.8	87.5	89.6	90.8	91.8	92.3	93.6	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2
GE 1000	80.8	87.5	89.7	91.1	93.0	93.6	95.6	96.6	96.6	97.4	97.5	97.7	97.7	97.7	97.7	97.7
GE 900	80.8	87.5	89.7	91.1	93.1	93.7	95.9	97.3	97.3	98.1	98.2	98.4	98.4	98.4	98.4	98.4
GE 800	80.8	87.5	89.7	91.1	93.1	93.7	95.9	97.4	97.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8
GE 700	80.8	87.5	89.7	91.1	93.1	93.7	96.0	97.5	97.7	98.6	98.8	99.0	99.0	99.0	99.0	99.0
GE 600	80.8	87.5	89.8	91.4	93.4	94.0	96.3	97.8	97.9	98.9	99.0	99.5	99.5	99.5	99.5	99.5
GE 500	80.8	87.5	89.8	91.4	93.4	94.0	96.4	97.9	98.1	99.0	99.2	99.9	99.9	99.9	99.9	99.9
GE 400	80.8	87.5	89.8	91.4	93.4	94.0	96.4	98.1	98.2	99.2	99.3	100.0	100.0	100.0	100.0	100.0
GE 300	80.8	87.5	89.8	91.4	93.4	94.0	96.4	98.1	98.2	99.2	99.3	100.0	100.0	100.0	100.0	100.0
GE 200	80.8	87.5	89.8	91.4	93.4	94.0	96.4	98.1	98.2	99.2	99.3	100.0	100.0	100.0	100.0	100.0
GE 100	80.8	87.5	89.8	91.4	93.4	94.0	96.4	98.1	98.2	99.2	99.3	100.0	100.0	100.0	100.0	100.0
GE 01	80.8	87.5	89.8	91.4	93.4	94.0	96.4	98.1	98.2	99.2	99.3	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 729



GLOBAL CLIMATOLOGY BRANCH  
 USAF/AC  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JAN HOURS: 1500-1700

CEILING	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1/2	1/4	1	3/4	1/2	5/16	1/4	0
NO CEIL	50.9	51.5	52.1	52.5	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 20000	47.8	51.9	52.5	53.1	53.5	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 18000	49.8	54.1	54.7	55.3	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 16000	50.2	54.7	55.3	55.8	56.3	56.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 14000	50.4	54.8	55.4	56.0	56.4	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000	51.8	56.6	57.1	57.7	58.2	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 10000	55.1	60.6	61.2	61.8	62.2	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 9000	57.1	62.6	63.2	63.8	64.2	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 8000	60.8	67.0	67.5	68.1	68.5	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 7000	64.1	70.3	70.9	71.4	71.9	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 6000	66.4	73.2	74.0	74.6	75.3	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	69.6	77.2	78.1	78.6	79.5	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500	70.1	77.8	78.6	79.2	80.1	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4000	73.0	81.5	82.4	83.0	83.8	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	75.2	84.1	85.1	85.7	86.6	86.7	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3000	75.8	85.3	86.7	87.4	88.6	88.7	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2500	76.2	85.9	87.4	88.2	89.5	89.6	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	76.9	87.2	89.2	90.0	91.6	91.9	92.9	93.4	93.4	93.5	93.7	93.7	93.7	93.7
GE 1800	76.9	87.6	89.8	90.6	92.2	92.5	93.9	93.9	93.9	94.1	94.2	94.2	94.2	94.2
GE 1500	76.9	87.9	90.3	91.6	93.2	93.5	94.7	95.2	95.2	95.4	95.5	95.5	95.5	95.5
GE 1200	76.9	88.0	90.5	91.8	93.5	93.9	95.2	96.4	96.4	96.5	96.7	96.7	96.7	96.7
GE 1000	77.1	88.2	90.6	91.9	93.7	94.1	95.4	97.4	97.4	97.7	98.0	98.1	98.1	98.1
GE 900	77.1	88.2	90.6	91.9	93.8	94.2	95.5	97.5	97.5	97.8	98.1	98.3	98.4	98.4
GE 800	77.1	88.2	90.6	91.9	93.9	94.4	95.7	97.7	98.0	98.4	98.7	98.8	99.1	99.1
GE 700	77.1	88.2	90.6	91.9	93.9	94.4	96.0	98.1	98.4	98.8	99.1	99.3	99.6	99.6
GE 600	77.1	88.2	90.6	91.9	93.9	94.4	96.0	98.1	98.4	98.8	99.1	99.3	99.6	99.6
GE 500	77.1	88.2	90.6	91.9	93.9	94.4	96.0	98.3	98.6	99.0	99.4	99.9	99.9	99.9
GE 400	77.1	88.2	90.6	91.9	93.9	94.4	96.0	98.3	98.6	99.0	99.4	99.9	100.0	100.0
GE 300	77.1	88.2	90.6	91.9	93.9	94.4	96.0	98.3	98.6	99.0	99.4	99.9	100.0	100.0
GE 200	77.1	88.2	90.6	91.9	93.9	94.4	96.0	98.3	98.6	99.0	99.4	99.9	100.0	100.0
GE 100	77.1	88.2	90.6	91.9	93.9	94.4	96.0	98.3	98.6	99.0	99.4	99.9	100.0	100.0
GE 0	77.1	88.2	90.6	91.9	93.9	94.4	96.0	98.3	98.6	99.0	99.4	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 693

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	1	1/2	1/4	1	1/2	1/4	1	1/2	1/4	1										
NO CEIL	38.2	58.4	59.0	59.3	59.5	59.6	59.6	59.6	59.6	59.6	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 2000	38.5	59.0	59.6	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.4	60.4	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 1800	39.6	60.1	60.7	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.5	61.5	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 1600	40.1	60.8	61.5	61.8	61.9	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0
GE 1400	40.4	61.2	61.8	62.1	62.2	62.4	62.4	62.4	62.4	62.4	62.5	62.5	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 1200	40.5	61.5	62.1	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.8	62.8	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 1000	42.5	64.3	64.9	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 900	42.8	64.6	65.3	65.6	65.7	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 800	45.1	67.5	68.1	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.9	68.9	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 700	46.9	70.6	71.2	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.9	71.9	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 600	47.3	71.8	72.4	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 500	49.9	76.2	76.8	77.2	77.8	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 450	50.1	76.9	77.5	78.0	78.6	78.8	78.9	78.9	78.9	78.9	79.1	79.1	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 400	51.4	81.3	81.9	82.4	83.0	83.2	83.3	83.3	83.3	83.3	83.5	83.5	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 350	52.0	82.9	83.6	84.1	84.8	85.0	85.1	85.1	85.1	85.1	85.6	85.6	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 300	52.0	83.6	84.4	85.0	85.9	86.0	86.2	86.2	86.2	86.2	86.6	86.6	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 250	52.4	84.1	85.0	85.9	86.8	87.1	87.3	87.3	87.3	87.3	87.7	87.7	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 200	53.0	85.3	86.2	87.1	88.3	88.6	89.4	89.8	89.8	89.8	90.1	90.1	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 150	53.6	86.0	86.8	87.6	88.9	89.2	90.0	90.4	90.4	90.4	90.8	90.8	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 120	53.6	86.2	87.0	87.7	89.1	89.4	90.2	90.6	90.6	90.6	91.0	91.0	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 100	53.6	86.2	87.0	87.7	89.1	89.4	90.2	90.6	90.6	90.6	91.0	91.0	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 80	53.6	86.2	87.0	87.7	89.1	89.4	90.2	90.6	90.6	90.6	91.0	91.0	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 60	53.6	86.2	87.0	87.7	89.1	89.4	90.2	90.6	90.6	90.6	91.0	91.0	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 40	53.6	86.2	87.0	87.7	89.1	89.4	90.2	90.6	90.6	90.6	91.0	91.0	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 20	53.6	86.2	87.0	87.7	89.1	89.4	90.2	90.6	90.6	90.6	91.0	91.0	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 0	53.6	86.3	87.0	87.7	89.1	89.4	90.2	90.6	90.6	90.6	91.0	91.0	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8

TOTAL NUMBER OF OBSERVATIONS: 659

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 78-84  
MONTH: JAN HOURS(LIST): 2100-2300

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	37.0	60.8	61.1	61.3	61.9	61.9	61.9	61.9	61.9	62.1	62.5	62.5	62.5	62.5
GE 20000	37.0	60.8	61.1	61.3	61.9	61.9	61.9	61.9	61.9	62.1	62.5	62.5	62.5	62.5
GE 18000	37.5	61.8	62.1	62.2	62.8	62.8	62.8	62.8	62.8	63.0	63.4	63.4	63.4	63.4
GE 16000	37.9	62.7	63.1	63.3	63.9	63.9	63.9	63.9	63.9	64.1	64.5	64.5	64.5	64.5
GE 14000	38.2	63.1	63.6	63.7	64.4	64.4	64.4	64.4	64.4	64.5	65.0	65.0	65.0	65.0
GE 12000	38.4	63.4	63.9	64.1	64.7	64.7	64.7	64.7	64.7	64.8	65.3	65.3	65.3	65.3
GE 10000	41.5	68.0	68.5	68.7	69.3	69.3	69.3	69.3	69.3	69.4	69.9	69.9	69.9	69.9
GE 9000	41.8	68.4	69.0	69.1	69.7	69.7	69.7	69.7	69.7	69.9	70.4	70.4	70.4	70.4
GE 8000	43.3	70.8	71.7	71.9	72.5	72.5	72.5	72.5	72.5	72.7	73.1	73.1	73.1	73.1
GE 7000	44.7	73.4	74.5	74.7	75.3	75.3	75.3	75.3	75.3	75.4	75.9	75.9	75.9	75.9
GE 6000	45.0	74.0	75.3	75.4	76.0	76.0	76.0	76.0	76.0	76.2	76.7	76.7	76.7	76.7
GE 5000	46.2	77.1	78.3	78.6	79.3	79.3	79.3	79.3	79.3	79.4	79.9	79.9	79.9	79.9
GE 4500	46.4	77.9	79.1	79.6	80.3	80.3	80.3	80.3	80.3	80.5	81.0	81.0	81.0	81.0
GE 4000	47.6	81.4	82.6	83.1	84.0	84.0	84.0	84.0	84.0	84.5	84.9	84.9	84.9	84.9
GE 3500	48.2	84.2	85.9	86.3	87.3	87.3	87.3	87.3	87.3	87.9	88.3	88.3	88.3	88.3
GE 3000	48.2	85.4	87.6	88.2	89.1	89.1	89.1	89.1	89.1	89.7	90.2	90.2	90.2	90.2
GE 2500	48.5	85.7	88.5	89.2	90.2	90.2	90.2	90.2	90.2	90.6	91.2	91.2	91.2	91.2
GE 2000	49.0	86.2	88.9	89.9	91.4	91.4	91.4	91.4	91.4	93.4	94.0	94.0	94.0	94.0
GE 1800	49.2	86.3	89.2	90.2	91.9	91.9	91.9	91.9	91.9	93.9	94.5	94.5	94.5	94.5
GE 1500	49.8	87.3	90.3	91.2	92.9	92.9	92.9	92.9	92.9	94.9	95.1	95.1	95.1	95.1
GE 1200	50.1	87.6	90.8	92.2	93.9	93.9	93.9	93.9	93.9	96.0	96.3	96.3	96.3	96.3
GE 1000	50.1	87.6	90.8	92.2	94.0	94.0	94.0	94.0	94.0	97.1	97.4	97.4	97.4	97.4
GE 900	50.1	87.6	90.8	92.2	94.0	94.0	94.0	94.0	94.0	97.1	97.4	97.4	97.4	97.4
GE 800	50.1	87.6	90.8	92.2	94.0	94.0	94.0	94.0	94.0	97.1	97.4	97.4	97.4	97.4
GE 700	50.1	87.6	90.8	92.2	94.5	94.5	94.5	94.5	94.5	98.2	98.3	98.3	98.3	98.3
GE 600	50.1	87.6	90.8	92.2	94.5	94.5	94.5	94.5	94.5	98.3	98.5	98.5	98.5	98.5
GE 500	50.1	87.6	90.8	92.2	94.5	94.5	94.5	94.5	94.5	98.3	98.5	98.5	98.5	98.5
GE 400	50.1	87.6	90.8	92.2	94.5	94.5	94.5	94.5	94.5	98.3	98.5	98.5	98.5	98.5
GE 300	50.1	87.6	90.8	92.2	94.5	94.5	94.5	94.5	94.5	98.3	98.5	98.5	98.5	98.5
GE 200	50.1	87.6	90.8	92.2	94.5	94.5	94.5	94.5	94.5	98.3	98.5	98.5	98.5	98.5
GE 100	50.1	87.6	90.8	92.2	94.5	94.5	94.5	94.5	94.5	98.3	98.5	98.5	98.5	98.5
GE 0	50.1	87.6	90.8	92.2	94.5	94.5	94.5	94.5	94.5	98.3	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTHS: JAN HOURS(S) : ALL

CEILING	VISIBILITY IN STATUTE MILES																
	10	6	5	4	3	2	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	40.5	56.8	57.5	51.8	58.2	58.3	58.6	58.7	58.7	58.8	59.0	59.1	59.2	59.2	59.2	59.2	59.2
GE 20000	40.8	57.1	57.9	58.2	58.6	58.7	59.0	59.1	59.1	59.2	59.4	59.5	59.6	59.6	59.6	59.6	59.6
GE 18000	42.1	58.6	59.3	55.6	60.1	60.1	60.4	60.5	60.5	60.6	60.8	60.9	61.0	61.0	61.0	61.0	61.0
GE 16000	42.5	59.1	59.9	60.1	60.6	60.7	61.0	61.1	61.1	61.2	61.4	61.5	61.6	61.6	61.6	61.6	61.6
GE 14000	42.7	59.3	60.1	60.4	60.8	60.9	61.2	61.3	61.3	61.4	61.6	61.7	61.8	61.8	61.8	61.8	61.8
GE 12000	43.3	60.0	60.8	61.1	61.6	61.7	61.9	62.1	62.1	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5
GE 10000	45.9	63.3	64.1	64.4	64.9	65.0	65.3	65.4	65.4	65.5	65.7	65.8	65.9	65.9	65.9	65.9	65.9
GE 9000	47.1	64.5	65.4	65.7	66.2	66.3	66.6	66.7	66.7	66.8	67.0	67.1	67.2	67.2	67.2	67.2	67.2
GE 8000	49.9	67.9	68.9	69.3	69.8	69.9	70.2	70.3	70.3	70.5	70.6	70.7	70.8	70.8	70.8	70.8	70.8
GE 7000	51.4	70.2	71.3	71.7	72.2	72.3	72.6	72.7	72.7	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2
GE 6000	52.4	72.0	73.2	73.6	74.1	74.2	74.5	74.6	74.6	74.7	74.9	75.0	75.1	75.1	75.1	75.1	75.1
GE 5000	55.2	75.7	76.9	77.4	78.0	78.1	78.4	78.5	78.5	78.6	78.8	78.9	79.0	79.0	79.0	79.0	79.0
GE 4500	55.7	76.7	78.1	78.5	79.2	79.3	79.7	79.8	79.8	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3
GE 4000	57.3	79.9	81.4	81.9	82.7	82.8	83.3	83.5	83.5	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0
GE 3500	58.5	82.3	84.0	84.6	85.5	85.6	86.2	86.5	86.5	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1
GE 3000	59.3	83.7	85.6	86.4	87.6	87.7	88.3	88.7	88.7	89.0	89.2	89.3	89.4	89.4	89.4	89.4	89.4
GE 2500	59.7	84.5	86.6	87.6	89.0	89.1	89.8	90.2	90.2	90.5	90.7	90.8	91.0	91.0	91.0	91.0	91.0
GE 2000	60.2	85.3	87.7	88.9	90.6	90.8	91.8	92.3	92.3	92.7	92.9	93.1	93.2	93.3	93.3	93.3	93.3
GE 1800	60.4	85.7	88.2	89.4	91.1	91.4	92.4	92.9	93.0	93.4	93.6	93.7	93.9	94.0	94.0	94.0	94.0
GE 1500	60.7	86.3	89.0	90.4	92.3	92.6	93.8	94.4	94.5	94.9	95.2	95.3	95.5	95.6	95.6	95.6	95.6
GE 1200	60.9	86.6	89.4	91.0	92.9	93.3	94.7	95.6	95.7	96.2	96.5	96.7	96.9	97.0	97.0	97.0	97.0
GE 1000	60.9	86.8	89.6	91.3	93.3	93.6	95.3	96.4	96.5	97.2	97.6	97.7	98.0	98.1	98.1	98.1	98.1
GE 900	60.9	86.8	89.7	91.3	93.4	93.7	95.4	96.7	96.7	97.5	97.9	98.0	98.3	98.4	98.4	98.4	98.4
GE 800	61.0	86.8	89.7	91.4	93.5	93.8	95.6	96.9	97.0	97.8	98.2	98.4	98.7	98.8	98.8	98.8	98.8
GE 700	61.0	86.8	89.7	91.4	93.5	93.9	95.7	97.2	97.3	98.2	98.5	98.7	99.1	99.2	99.2	99.2	99.2
GE 600	61.0	86.9	89.8	91.5	93.7	94.0	96.0	97.4	97.5	98.4	98.8	99.0	99.4	99.5	99.6	99.6	99.6
GE 500	61.0	87.0	89.9	91.6	93.8	94.1	96.1	97.6	97.7	98.5	99.0	99.2	99.6	99.7	99.7	99.7	99.7
GE 400	61.0	87.0	89.9	91.6	93.8	94.2	96.1	97.6	97.7	98.6	99.1	99.3	99.7	99.8	99.8	99.8	99.8
GE 300	61.0	87.0	89.9	91.6	93.8	94.2	96.1	97.6	97.7	98.6	99.1	99.3	99.7	99.9	99.9	99.9	99.9
GE 200	61.0	87.0	89.9	91.6	93.8	94.2	96.1	97.6	97.7	98.6	99.1	99.3	99.8	99.9	100.0	100.0	100.0
GE 100	61.0	87.0	89.9	91.6	93.8	94.2	96.1	97.6	97.7	98.6	99.1	99.3	99.8	99.9	100.0	100.0	100.0
GE 0	61.0	87.0	89.9	91.6	93.8	94.2	96.1	97.6	97.7	98.6	99.1	99.3	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 5647

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: FEB HOURS(LSI): 0000-0200

CEILING	VISIBILITY IN STATUTE MILES															
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE				
FEET	10	6	5	4	3	2	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	37.5	63.1	63.1	63.3	63.6	63.6	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 20000	37.5	63.1	63.1	63.3	63.6	63.6	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	37.8	63.4	63.4	63.6	63.9	63.9	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 16000	38.1	63.9	63.9	64.0	64.4	64.4	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 14000	38.1	64.3	64.3	64.4	64.9	64.9	65.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 12000	39.0	65.2	65.2	65.3	65.9	65.9	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 10000	40.0	66.5	66.5	66.7	67.3	67.3	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 9000	41.8	68.3	68.3	68.4	69.0	69.0	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 8000	44.7	71.6	71.6	71.7	72.3	72.3	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 7000	46.2	73.3	73.3	73.5	74.1	74.1	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 6000	47.3	75.7	75.7	75.9	76.4	76.4	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 5000	49.0	77.9	78.1	78.2	78.8	78.8	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	49.3	78.2	78.4	78.5	79.1	79.1	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	51.3	80.9	81.8	82.4	83.0	83.0	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	53.2	83.1	84.0	84.6	85.3	85.3	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	53.6	84.0	85.3	86.2	87.4	87.4	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2500	54.2	85.9	87.6	88.4	90.1	90.1	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2000	54.2	86.2	87.9	88.7	90.4	90.4	91.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1800	54.2	86.4	88.0	88.9	90.5	90.5	91.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	54.4	86.5	88.1	89.0	91.0	91.0	92.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	54.5	87.1	88.7	89.6	91.9	91.9	93.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	54.7	87.7	89.8	90.8	93.0	93.0	94.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	54.7	87.7	89.8	90.8	93.0	93.0	94.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	54.8	88.0	90.1	91.1	93.3	93.3	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	54.8	88.3	90.4	91.4	93.6	93.6	95.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	54.8	88.3	90.4	91.4	93.6	93.6	95.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	55.0	88.7	90.8	91.9	94.1	94.1	96.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	55.0	88.7	90.8	91.9	94.1	94.1	96.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	55.0	88.7	90.8	91.9	94.1	94.1	96.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 200	55.0	88.7	90.8	91.9	94.1	94.1	96.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 100	55.0	88.7	90.8	91.9	94.1	94.1	96.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 0	55.0	88.7	90.6	91.9	94.1	94.1	96.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS: 675

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: FEB HOURS(LSI): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	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
NC CEIL	34.4	60.4	60.4	61.0	61.2	61.2	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 20000	34.4	60.4	60.4	61.0	61.2	61.2	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 18000	35.0	61.2	61.2	61.8	61.9	61.9	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 16000	35.7	62.1	62.1	62.7	62.8	62.8	63.4	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 14000	36.1	62.5	62.5	63.1	63.3	63.3	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 12000	37.3	64.1	64.1	64.7	64.9	64.9	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	39.4	66.5	66.5	67.3	67.4	67.4	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 9000	40.6	67.7	67.7	68.4	68.6	68.6	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 8000	43.1	70.8	71.0	71.6	71.7	71.7	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 7000	44.1	72.3	72.7	73.6	73.9	73.9	74.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 6000	45.2	73.6	74.2	75.1	75.4	75.4	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 5000	46.4	76.4	77.0	77.9	78.2	78.2	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4500	46.7	76.7	77.3	78.2	78.5	78.5	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	48.5	79.3	80.0	81.0	81.3	81.3	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3500	49.5	81.8	82.5	83.7	84.6	84.6	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	49.9	82.5	83.7	85.3	86.2	86.2	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	51.1	84.4	85.9	87.6	88.4	88.4	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	51.3	84.9	86.5	88.3	89.3	89.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	51.3	85.0	86.7	88.4	89.5	89.5	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	51.3	85.0	87.1	88.9	90.5	91.0	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	51.4	86.1	88.1	89.9	91.6	92.0	93.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	51.4	86.4	88.9	91.0	92.6	93.2	95.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	51.4	86.4	89.0	91.1	92.7	93.3	95.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	51.7	86.7	89.3	91.4	93.0	93.8	95.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	52.0	87.1	89.8	91.9	93.5	94.4	96.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	52.0	87.1	89.8	91.9	93.5	94.4	96.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	52.1	87.3	89.9	92.0	93.6	94.5	96.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	52.1	87.3	89.9	92.0	93.6	94.5	96.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	52.1	87.3	89.9	92.0	93.6	94.5	96.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	52.1	87.3	89.9	92.0	93.6	94.5	96.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	52.1	87.3	89.9	92.0	93.6	94.5	96.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 0	52.1	87.3	89.9	92.0	93.6	94.5	96.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 675



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 7C1730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: FEB HOURS(LIST): 0600-0800

CEILING FEET	VISIBILITY IN STATUTE MILES															
	1	2	3	4	5	6	1	1/2	1	1/4	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	38.3	59.4	59.9	60.0	60.3	60.5	61.4	61.7	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9
GE 20000	38.3	59.4	59.9	60.2	60.5	60.6	61.5	61.8	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1
GE 18000	38.6	59.7	60.2	60.5	60.8	60.9	61.8	62.1	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4
GE 16000	38.6	60.0	60.5	60.8	61.1	61.2	62.1	62.4	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7
GE 14000	38.9	60.3	60.8	61.1	61.4	61.5	62.4	62.7	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0
GE 12000	39.7	61.1	61.5	61.8	62.1	62.2	63.1	63.4	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7
GE 10000	41.6	63.0	63.4	63.7	64.0	64.2	65.0	65.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	43.4	64.7	65.2	65.6	65.9	66.1	67.0	67.3	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6
GE 8000	45.1	66.7	67.1	67.7	68.0	68.1	69.0	69.3	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6
GE 7000	46.6	68.6	69.5	70.1	70.5	70.6	71.5	71.8	71.8	71.8	72.3	72.3	72.3	72.3	72.3	72.3
GE 6000	47.5	70.2	71.5	72.1	72.6	72.7	73.6	73.9	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3
GE 5000	49.1	72.9	74.2	74.8	75.2	75.4	76.3	76.5	76.5	76.5	77.0	77.0	77.0	77.0	77.0	77.0
GE 4500	49.6	74.6	76.0	76.5	77.1	77.1	78.0	78.3	78.3	78.3	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000	50.6	77.0	78.6	79.5	79.9	80.1	81.0	81.3	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7
GE 3500	52.5	79.9	81.7	82.6	83.2	83.3	84.5	84.8	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3
GE 3000	52.9	81.0	83.0	83.3	86.0	86.1	87.3	87.6	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500	53.7	82.3	84.7	86.9	87.8	88.1	89.2	89.5	89.5	89.5	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	54.7	83.9	86.4	88.6	89.5	90.1	91.4	92.0	92.0	92.0	92.5	92.5	92.5	92.5	92.5	92.5
GE 1800	54.7	84.2	86.7	89.1	90.0	90.6	91.9	92.5	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	55.0	84.8	87.6	90.0	91.0	91.7	93.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	55.3	86.0	88.6	91.3	92.3	93.4	95.1	96.3	96.5	96.5	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	55.5	86.1	88.9	91.9	92.9	94.0	95.7	96.9	97.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	55.6	86.3	89.1	92.0	93.1	94.1	95.9	97.1	97.3	97.8	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	55.6	86.3	89.1	92.0	93.1	94.1	96.0	97.3	97.6	98.1	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	55.9	86.6	89.4	92.3	93.4	94.4	96.3	97.9	98.2	98.7	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	55.9	86.6	89.4	92.3	93.4	94.4	96.3	98.2	98.5	99.0	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	55.9	86.6	89.4	92.3	93.4	94.4	96.3	98.2	98.5	99.0	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	55.9	86.6	89.4	92.3	93.4	94.4	96.3	98.2	98.5	99.0	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	55.9	86.6	89.4	92.3	93.4	94.4	96.3	98.2	98.5	99.0	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	55.9	86.6	89.4	92.3	93.4	94.4	96.3	98.2	98.5	99.0	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	55.9	86.6	89.4	92.3	93.4	94.4	96.3	98.2	98.5	99.0	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	55.9	86.6	89.4	92.3	93.4	94.4	96.3	98.2	98.5	99.0	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: FEB HOURS(LIST): 0900-1100

CEILING

IN FEET	VISIBILITY IN STATUTE MILES															
	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	56.6	58.6	58.6	58.6	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 20000	57.1	59.0	59.0	59.0	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	59.0	61.1	61.1	61.1	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 16000	59.1	61.2	61.2	61.2	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 14000	59.3	61.4	61.4	61.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 12000	59.6	61.7	61.7	61.7	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	62.2	64.5	64.5	64.5	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 9000	63.3	65.5	65.5	65.5	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 8000	66.1	69.3	68.3	68.3	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	67.7	70.1	70.1	70.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 6000	69.3	72.0	72.0	72.0	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	72.6	75.4	75.4	75.4	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	73.6	76.5	76.5	76.5	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4000	77.7	80.7	81.0	81.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	79.8	83.5	83.9	83.9	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	81.4	85.5	86.4	86.4	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2500	82.3	86.6	87.5	88.3	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	83.5	87.9	89.2	90.3	91.6	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1800	83.5	87.9	89.2	90.3	91.6	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	84.2	88.6	90.1	91.4	93.1	93.7	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	85.3	90.1	91.6	92.9	94.8	95.6	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	85.4	90.3	91.7	93.4	95.3	96.0	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	85.5	90.4	91.9	93.5	95.4	96.2	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	85.5	90.4	91.9	93.5	95.4	96.2	97.3	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	85.5	90.4	91.9	93.5	95.4	96.2	97.3	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	85.5	90.4	91.9	93.5	95.4	96.2	97.3	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	85.5	90.4	91.9	93.5	95.4	96.2	97.5	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	85.5	90.4	91.9	93.5	95.4	96.2	97.5	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	85.5	90.4	91.9	93.5	95.6	96.3	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	85.5	90.4	91.9	93.5	95.6	96.3	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	85.5	90.4	91.9	93.5	95.6	96.3	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 0	85.5	90.4	91.9	93.5	95.6	96.3	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 678



GLOBAL CLIMATOLOGY BRANCH  
USAF/CIAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS: 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	1	1/4	2	1/2	3	4	5	7.5	10	15										
NO CEIL	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 20000	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 18000	60.8	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 16000	60.8	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 14000	60.9	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 12000	63.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 10000	66.4	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	70.8	72.0	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 7000	72.3	73.6	73.9	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	73.6	75.1	75.4	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 5000	77.0	79.2	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4500	78.5	80.2	80.7	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4000	80.2	82.2	83.0	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 3500	82.6	84.5	85.4	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000	84.8	86.9	88.3	88.9	89.4	89.5	89.5	89.5	89.5	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500	85.7	87.9	89.7	90.3	90.9	91.0	91.0	91.0	91.0	91.0	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	86.0	88.5	90.4	91.3	92.2	92.5	92.5	92.5	92.5	92.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	86.0	88.6	90.7	91.6	92.8	93.1	93.1	93.1	93.1	93.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	86.0	88.8	91.2	92.2	93.5	93.8	93.8	93.8	93.8	93.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	86.7	89.8	92.3	93.4	94.7	95.1	95.1	95.1	95.1	95.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	87.2	90.3	92.8	93.8	95.3	95.9	95.9	95.9	95.9	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	87.2	90.3	92.8	93.8	95.3	95.9	95.9	95.9	95.9	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	87.2	90.3	92.8	93.8	95.3	95.9	95.9	95.9	95.9	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	87.3	90.6	93.1	94.2	95.7	96.3	96.3	96.3	96.3	96.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	87.3	90.6	93.1	94.2	95.7	96.3	96.3	96.3	96.3	96.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	87.3	90.6	93.1	94.2	95.7	96.3	96.3	96.3	96.3	96.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	87.3	90.6	93.1	94.2	95.7	96.3	96.3	96.3	96.3	96.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	87.3	90.6	93.1	94.2	95.7	96.3	96.3	96.3	96.3	96.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	87.3	90.6	93.1	94.2	95.7	96.3	96.3	96.3	96.3	96.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 100	87.3	90.6	93.1	94.2	95.7	96.3	96.3	96.3	96.3	96.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	01	87.3	90.6	93.1	94.2	95.7	96.3	96.3	96.3	96.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/KAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
MONTH: FEB MONTHS: 1, 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	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	58.0	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 2000	59.1	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9
GE 1800	62.8	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6
GE 1600	63.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2
GE 1400	63.6	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
GE 1200	65.9	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7
GE 1000	68.9	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.5
GE 900	70.4	71.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.4
GE 800	72.4	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.5
GE 700	73.6	74.6	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.8
GE 600	74.6	75.7	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.8
GE 500	77.0	78.0	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4
GE 450	79.1	80.1	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
GE 400	82.2	83.8	84.8	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4
GE 350	84.7	86.7	87.9	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5
GE 300	86.3	88.3	89.5	90.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0
GE 250	86.9	88.9	90.1	91.0	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
GE 200	87.6	89.8	91.4	92.3	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.8
GE 1800	87.6	90.3	91.9	92.8	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1
GE 1500	87.9	90.6	92.2	93.1	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.8
GE 1200	88.1	91.0	92.6	94.1	94.7	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8
GE 1000	88.1	91.0	92.8	94.2	94.8	95.0	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.3
GE 900	88.1	91.0	92.8	94.2	94.8	95.0	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.3
GE 800	88.2	91.2	92.9	94.4	95.0	95.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	98.1
GE 700	88.2	91.2	92.9	94.4	95.0	95.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	98.4
GE 600	88.3	91.3	93.1	94.5	95.3	95.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.7
GE 500	88.3	91.3	93.1	94.5	95.3	95.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.7
GE 400	88.3	91.3	93.1	94.5	95.3	95.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.7
GE 300	88.3	91.3	93.1	94.5	95.3	95.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.7
GE 200	88.3	91.3	93.1	94.5	95.3	95.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.7
GE 100	88.3	91.3	93.1	94.5	95.3	95.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.7
GE 0	88.3	91.3	93.1	94.5	95.3	95.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.7

TOTAL NUMBER OF OBSERVATIONS: 678



GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	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	39.1	65.1	65.1	65.1	65.6	65.6	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 20000	39.7	65.7	65.7	66.2	66.2	66.2	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	40.7	66.7	66.7	67.1	67.1	67.1	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	40.8	66.8	66.8	67.3	67.3	67.3	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 14000	40.8	66.8	66.8	67.3	67.3	67.3	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 12000	41.2	67.1	67.1	67.6	67.6	67.6	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 10000	43.0	69.3	69.3	69.8	69.8	69.8	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 9000	44.1	70.4	70.4	70.9	70.9	70.9	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 8000	45.9	72.3	72.3	72.8	72.8	72.8	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	47.6	74.6	74.6	75.1	75.1	75.1	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000	48.5	76.2	76.2	76.8	76.8	76.8	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 5000	51.2	77.8	80.0	80.8	80.8	80.8	81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	52.0	81.1	81.2	81.4	82.0	82.2	82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	53.4	83.3	83.4	83.7	84.5	84.7	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3500	55.1	85.4	85.6	85.9	86.7	86.9	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 3000	55.4	86.4	86.7	87.2	88.1	88.3	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	55.9	87.3	87.8	88.3	89.5	89.7	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2000	56.0	88.3	89.0	89.7	91.1	91.2	92.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	56.2	88.4	89.2	89.8	91.4	91.5	92.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	56.2	88.4	89.4	90.0	91.5	91.9	93.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	56.2	89.0	90.0	90.6	92.3	92.6	94.1	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	56.2	89.5	90.5	91.1	92.8	93.1	94.5	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	56.7	90.0	90.9	91.5	93.3	93.6	95.0	96.7	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	56.8	90.5	91.4	92.0	93.7	94.1	95.5	97.5	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	56.8	90.5	91.4	92.0	93.7	94.1	95.5	97.5	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	56.8	90.5	91.4	92.0	93.7	94.1	95.5	97.5	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	56.8	90.6	91.5	92.2	93.9	94.2	95.6	97.7	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	56.8	90.6	91.5	92.2	93.9	94.2	95.6	97.7	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	56.8	90.6	91.5	92.2	93.9	94.2	95.6	97.7	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	56.8	90.6	91.5	92.2	93.9	94.2	95.6	97.8	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	56.8	90.6	91.5	92.2	93.9	94.2	95.6	97.8	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 01	56.8	90.6	91.5	92.2	93.9	94.2	95.6	97.8	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 639

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84 ALL  
MONTH: FEB HOURS(LS): 1/4

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	1/8	0	
NO CEIL	46.3	60.4	60.5	60.7	60.9	61.0	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	
GE 20000	46.8	61.0	61.1	61.3	61.6	61.6	61.8	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	
GE 16000	48.4	62.7	62.8	63.0	63.3	63.3	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	
GE 16000	48.6	63.1	63.2	63.3	63.6	63.7	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	
GE 14000	48.9	63.3	63.5	63.6	63.9	63.9	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
GE 12000	50.0	64.6	64.7	64.8	65.2	65.2	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	
GE 16000	52.3	67.2	67.4	67.5	67.9	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
GE 9000	53.7	68.5	68.8	69.0	69.3	69.4	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	
GE 8000	56.0	71.1	71.4	71.5	71.9	71.9	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
GE 7000	57.4	72.7	73.1	73.3	73.7	73.8	74.0	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	
GE 6000	58.5	74.3	74.7	75.0	75.4	75.5	75.8	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	
GE 5000	60.8	77.2	77.8	78.0	78.5	78.6	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	
GE 4500	61.7	78.3	78.9	79.2	79.7	79.8	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5	
GE 4000	63.8	81.1	82.0	82.5	83.0	83.1	83.5	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	
GE 3500	65.8	83.8	84.7	85.3	85.9	86.0	86.5	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	
GE 3000	66.9	85.2	86.4	87.4	88.2	88.4	88.9	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	
GE 2500	67.6	86.3	87.6	88.8	89.9	90.1	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3	
GE 2000	68.1	87.1	88.8	90.0	91.2	91.5	92.4	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	
GE 1800	68.2	87.4	89.1	90.2	91.6	91.9	92.9	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.6	
GE 1500	68.4	87.6	89.5	90.7	92.2	92.6	93.7	94.4	94.4	94.7	94.7	94.8	94.8	94.8	94.8	
GE 1200	68.7	88.5	90.4	91.7	93.3	93.8	95.2	96.1	96.2	96.5	96.6	96.6	96.6	96.6	96.7	
GE 1000	68.8	88.8	90.8	92.3	93.9	94.4	95.9	96.8	96.9	97.3	97.4	97.5	97.5	97.5	97.5	
GE 900	68.9	88.9	90.9	92.4	94.0	94.5	96.1	97.0	97.1	97.7	97.8	97.8	97.8	97.9	97.9	
GE 800	69.0	89.1	91.1	92.6	94.2	94.8	96.4	97.5	97.6	98.2	98.3	98.4	98.4	98.4	98.4	
GE 700	69.1	89.2	91.3	92.8	94.4	95.0	96.6	97.9	98.0	98.6	98.8	98.8	98.8	98.9	98.9	
GE 600	69.1	89.3	91.3	92.8	94.5	95.0	96.7	98.0	98.1	98.8	99.0	99.1	99.1	99.1	99.1	
GE 500	69.2	89.4	91.4	92.9	94.6	95.1	96.8	98.1	98.2	98.9	99.2	99.3	99.3	99.3	99.3	
GE 400	69.2	89.4	91.4	92.9	94.6	95.1	96.8	98.1	98.2	99.0	99.3	99.3	99.3	99.4	99.4	
GE 300	69.2	89.4	91.4	92.9	94.6	95.2	96.8	98.1	98.2	99.0	99.4	99.4	99.4	99.5	99.6	
GE 200	69.2	89.4	91.4	92.9	94.6	95.2	96.8	98.2	98.3	99.1	99.5	99.6	99.6	99.8	99.8	
GE 100	69.2	89.4	91.4	92.9	94.6	95.2	96.9	98.2	98.4	99.1	99.5	99.6	99.6	99.9	100.0	
GE	69.2	89.4	91.4	92.9	94.6	95.2	96.9	98.2	98.4	99.1	99.5	99.6	99.6	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 5353

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1/2	2	3	4	5	6	10	1/4	1/2	5/8	1	3/4	1/2	5/16	1/4	0
NO CEILING	44.1	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 20000	44.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 18000	44.8	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	44.8	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 14000	44.8	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 12000	44.8	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	46.2	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 9000	47.3	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 8000	48.3	71.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	49.5	73.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 6000	50.1	74.7	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 5000	51.9	76.9	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	52.8	78.8	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000	55.5	81.7	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	56.3	82.8	84.9	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	56.6	83.9	86.0	86.4	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2500	56.9	85.6	87.5	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	57.4	87.4	89.6	90.5	91.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1800	57.4	87.6	90.1	90.7	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	57.4	87.9	90.6	91.5	92.6	93.8	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	57.4	88.4	91.3	92.2	93.3	94.6	95.7	96.2	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	57.4	88.4	91.3	92.2	93.3	94.6	95.7	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	57.4	88.6	91.5	92.7	93.8	95.2	96.2	97.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	57.4	88.6	91.8	93.1	94.4	95.7	96.8	97.6	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	57.5	88.7	92.1	93.4	94.6	96.0	97.0	97.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	57.5	88.7	92.2	93.5	94.8	96.1	97.2	98.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	57.5	88.7	92.2	93.5	94.8	96.1	97.2	98.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	57.5	88.7	92.2	93.5	94.8	96.1	97.2	98.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	57.5	88.7	92.2	93.5	94.8	96.1	97.2	98.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	57.5	88.7	92.2	93.5	94.8	96.1	97.2	98.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	57.5	88.7	92.2	93.5	94.8	96.1	97.2	98.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 01	57.5	88.7	92.2	93.5	94.8	96.1	97.2	98.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK  
 PERIOD OF RECORD: 77-84  
 MONTH: MAR HOURS(DST): 0300-0500

CEILING	VISIBILITY IN STATUTE MILES																			
	1	2	3	4	5	6	7	8	9	10	1/2	1/4	1/8	1/4	1/2	5/8	3/4	5/16	1/4	0
NO CEIL	41.5	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	43.1	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	44.1	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	44.1	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	44.1	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 12000	44.6	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 10000	46.4	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 9000	47.0	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	47.7	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	48.5	71.2	71.9	71.9	71.9	71.9	71.9	71.9	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 6000	48.9	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	50.9	74.6	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4500	52.2	77.7	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000	53.9	80.2	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3500	54.7	82.0	82.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000	55.2	83.6	85.1	85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	56.2	85.1	86.6	87.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2000	57.1	86.8	88.4	89.2	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	57.3	87.4	89.0	89.8	91.4	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1500	57.3	87.6	89.2	90.3	92.5	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	57.3	88.4	90.1	91.5	93.8	94.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	57.3	88.4	90.1	91.5	94.0	94.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	57.3	88.4	90.1	91.5	94.0	94.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	57.3	88.7	90.7	92.5	95.0	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	57.3	88.7	90.9	92.6	95.2	95.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	57.3	88.7	90.9	92.6	95.6	96.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	57.3	88.7	90.9	92.6	95.6	96.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	57.3	88.7	90.9	92.6	95.6	96.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	57.3	88.7	90.9	92.6	95.6	96.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 200	57.3	88.7	90.9	92.6	95.6	96.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 100	57.3	88.7	90.9	92.6	95.6	96.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 0	57.3	88.7	90.9	92.6	95.6	96.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS: 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING VISIBILITY IN STATUTE MILES

CEILING	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
AC CEIL	48.7	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 20000	50.3	59.5	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 18000	51.2	60.6	61.0	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 16000	52.0	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 14000	52.0	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	52.4	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	55.0	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	56.6	66.7	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 8000	57.3	67.3	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 7000	57.9	68.5	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	59.0	70.3	70.6	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 5000	61.6	73.5	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	62.9	75.7	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	64.9	78.0	79.0	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3500	65.5	79.8	80.9	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3000	66.3	81.5	83.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2500	67.9	83.7	86.2	87.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	68.7	85.5	88.0	89.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	69.0	85.9	88.4	90.3	91.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	69.0	86.2	88.7	90.6	91.9	92.1	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	69.2	86.8	89.4	91.4	93.0	93.3	94.1	94.5	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	69.2	86.8	89.4	91.4	93.1	93.4	94.6	94.8	95.0	95.6	95.7	95.7	95.7	95.7	95.7
GE 900	69.2	86.8	89.8	91.8	93.8	94.1	95.3	95.6	96.0	96.5	96.6	96.6	96.6	96.6	96.6
GE 800	69.8	87.5	90.6	92.7	95.0	95.3	96.6	96.9	97.3	98.0	98.1	98.4	98.4	98.4	98.4
GE 700	69.9	87.9	91.0	92.1	95.4	95.7	97.0	97.4	98.0	98.8	99.1	99.3	99.3	99.3	99.3
GE 600	69.9	88.0	91.1	93.3	95.6	95.6	97.2	97.7	98.3	99.1	99.3	99.6	99.6	99.6	99.6
GE 500	69.9	88.0	91.1	93.3	95.6	95.8	97.2	97.7	98.3	99.1	99.5	99.7	99.9	99.9	99.9
GE 400	69.9	88.0	91.1	93.3	95.6	95.8	97.2	97.7	98.3	99.1	99.6	99.9	100.0	100.0	100.0
GE 300	69.9	88.0	91.1	93.3	95.6	95.8	97.2	97.7	98.3	99.1	99.6	99.9	100.0	100.0	100.0
GE 200	69.9	88.0	91.1	93.3	95.6	95.8	97.2	97.7	98.3	99.1	99.6	99.9	100.0	100.0	100.0
GE 100	69.9	88.0	91.1	93.3	95.6	95.8	97.2	97.7	98.3	99.1	99.6	99.9	100.0	100.0	100.0
GE 01	69.9	88.0	91.1	93.3	95.6	95.8	97.2	97.7	98.3	99.1	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 744



GLOBAL CLIMATELOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAR HOURS(UT): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																							
	1	1/2	2/3	1/4	3/4	1	1 1/2	2	3	4	5	6	7	8	9	10								
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE					
AC CEIL	50.7	51.2	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	
GE 20000	53.2	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 18000	54.0	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 16000	55.5	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 14000	55.6	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 12000	56.7	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 10000	58.3	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 9000	59.3	59.8	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 8000	62.1	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 7000	63.8	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	67.1	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 5000	70.3	71.0	71.0	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	71.6	72.6	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	73.4	74.9	75.7	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3500	74.5	76.3	77.4	78.5	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000	77.0	79.4	80.5	82.0	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	78.8	82.0	84.0	85.9	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2000	79.2	83.2	85.3	88.2	89.0	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	79.2	83.3	85.6	88.6	89.5	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	79.2	83.6	85.9	89.1	90.3	90.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1200	79.6	84.4	86.7	85.9	91.9	92.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	79.8	85.6	87.9	91.1	93.4	94.1	96.2	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	79.8	85.8	88.0	91.3	93.5	94.2	96.4	96.8	96.8	96.8	96.8	96.8	96.8	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	79.8	85.8	88.0	91.4	94.0	94.6	96.9	97.7	97.7	97.7	97.7	97.7	97.7	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	79.8	85.8	88.0	91.4	94.0	94.6	97.0	97.8	97.8	97.8	97.8	97.8	97.8	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	79.8	85.8	88.0	91.4	94.0	94.6	97.0	97.8	97.8	97.8	97.8	97.8	97.8	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	79.8	85.8	88.0	91.4	94.0	94.6	97.0	97.8	97.8	97.8	97.8	97.8	97.8	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	79.8	85.8	88.0	91.4	94.0	94.6	97.0	97.8	97.8	97.8	97.8	97.8	97.8	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	79.8	85.8	88.0	91.4	94.0	94.6	97.0	97.8	97.8	97.8	97.8	97.8	97.8	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	79.8	85.8	88.0	91.4	94.0	94.6	97.0	97.8	97.8	97.8	97.8	97.8	97.8	98.5	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	79.8	85.8	88.0	91.4	94.0	94.6	97.0	97.8	97.8	97.8	97.8	97.8	97.8	98.5	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 01	79.8	85.8	88.0	91.4	94.0	94.6	97.0	97.8	97.8	97.8	97.8	97.8	97.8	98.5	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 LSAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING VISIBILITY IN STATUTE MILES

	1	2	3	4	5	6	10	GE	1/2	1/4	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	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	55.5	55.5	55.5
GE 18000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 16000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 14000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 10000	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 9000	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 7000	68.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 5000	73.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4500	74.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4000	76.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3500	79.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3000	80.4	81.9	83.5	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2500	81.7	84.9	87.6	88.0	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000	82.0	85.5	88.4	89.2	90.6	91.0	91.5	91.7	91.7	91.7	91.9	91.9	92.1	92.1	92.1	92.1
GE 1800	82.3	86.2	89.2	90.1	91.7	92.1	93.3	93.4	93.4	93.4	93.7	93.7	93.8	93.8	93.8	93.8
GE 1500	82.3	86.2	89.4	90.2	91.8	92.3	93.7	93.8	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2
GE 1200	82.7	86.8	90.2	91.1	93.1	93.7	95.2	95.3	95.3	95.8	95.8	95.8	96.0	96.0	96.0	96.0
GE 1000	82.9	87.2	90.7	91.7	93.8	94.5	96.9	97.0	97.0	97.0	98.1	98.1	98.3	98.3	98.3	98.3
GE 900	82.9	87.2	90.7	91.7	93.8	94.5	97.0	97.2	97.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 800	82.9	87.2	90.7	91.7	93.8	94.5	97.0	97.7	97.7	99.2	99.2	99.2	99.5	99.5	99.5	99.5
GE 700	82.9	87.2	90.7	91.7	93.8	94.5	97.0	97.7	97.7	99.2	99.2	99.2	99.5	99.5	99.5	99.5
GE 600	82.9	87.2	90.7	91.7	93.8	94.5	97.0	97.8	97.8	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 500	82.9	87.2	90.7	91.7	93.8	94.5	97.0	97.8	97.8	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 400	82.9	87.2	90.7	91.7	93.8	94.5	97.0	97.8	97.8	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 300	82.9	87.2	90.7	91.7	93.8	94.5	97.0	97.8	97.8	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 200	82.9	87.2	90.7	91.7	93.8	94.5	97.0	97.8	97.8	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 100	82.9	87.2	90.7	91.7	93.8	94.5	97.0	97.8	97.8	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 0	82.9	87.2	90.7	91.7	93.8	94.5	97.0	97.8	97.8	99.3	99.3	99.3	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 744



GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1	1/4	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	54.5	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 20000	56.3	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	58.2	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 16000	58.3	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 14000	58.4	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 12000	59.0	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000	61.4	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	63.7	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 8000	66.7	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 7000	69.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000	69.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 5000	72.6	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 4500	73.3	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4000	76.2	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3500	77.6	82.5	82.5	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 3000	78.5	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2500	79.9	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000	81.5	87.3	87.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	81.6	87.7	87.7	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 1500	81.6	87.9	87.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	81.6	87.9	87.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	81.6	88.0	88.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	81.6	88.0	88.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	81.6	88.0	88.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 700	81.6	88.0	88.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 600	81.6	88.0	88.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 500	81.6	88.0	88.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 400	81.6	88.0	88.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 300	81.6	88.0	88.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 200	81.6	88.0	88.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 100	81.6	88.0	88.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 0	81.6	88.0	88.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTHS: MAR HOURS(LST): 2100-2300

CEILING FEET	VISIBILITY IN STATUTE MILES															
	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
NC CEIL	44.7	61.5	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 20000	45.0	62.8	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 18000	46.3	64.5	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	46.4	64.6	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 14000	46.4	64.6	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 12000	46.4	65.0	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 10000	48.3	67.6	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 9000	49.0	68.7	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	69.1
GE 8000	50.6	70.4	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 7000	52.1	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 6000	52.2	73.3	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 5000	54.4	76.5	77.1	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500	55.3	78.0	78.8	78.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4000	56.7	80.0	80.8	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3500	57.4	80.8	81.9	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3000	58.0	82.1	83.3	84.5	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2500	58.7	83.3	84.8	86.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2000	59.9	85.6	88.1	90.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1800	59.9	85.7	88.3	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	59.9	86.1	88.6	91.1	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	59.9	86.6	89.3	91.6	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	59.9	87.0	89.7	92.0	94.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	59.9	87.3	90.0	92.3	94.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	59.9	87.4	90.1	92.4	94.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	59.9	87.4	90.1	92.4	94.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	59.9	87.4	90.1	92.4	94.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	59.9	87.6	90.3	92.6	94.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 400	59.9	87.6	90.3	92.6	94.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 300	59.9	87.6	90.3	92.6	94.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 200	59.9	87.6	90.3	92.6	94.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 100	59.9	87.6	90.3	92.6	94.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 0	59.9	87.6	90.3	92.6	94.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAR HOURS/DAY: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	0
NO CEIL	48.9	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	50.7	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 18000	52.0	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	52.5	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 14000	52.5	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 12000	53.1	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 10000	55.2	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 9000	56.6	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 8000	58.5	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 7000	60.0	70.0	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 6000	61.2	71.7	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	63.8	74.8	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	64.8	76.5	77.2	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4000	66.8	79.0	80.0	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	68.0	80.8	81.5	82.3	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3000	69.1	82.3	83.6	84.4	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2500	70.2	84.4	86.1	87.0	87.8	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	71.0	86.0	88.1	89.6	90.5	91.0	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1800	71.2	86.4	88.6	90.1	91.2	91.7	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	71.2	86.6	88.9	90.8	92.1	92.7	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	71.3	87.1	89.5	91.5	93.1	93.9	95.0	95.3	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	71.4	87.4	89.9	91.8	93.5	94.4	95.9	96.4	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	71.4	87.5	90.0	92.0	93.8	94.7	96.3	96.8	97.2	97.7	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	71.5	87.6	90.3	92.3	94.2	95.1	96.8	97.4	98.0	98.6	98.9	99.0	99.0	99.0	99.0	99.0
GE 700	71.5	87.7	90.4	92.4	94.3	95.2	97.0	97.7	98.2	98.9	99.2	99.3	99.4	99.4	99.4	99.4
GE 600	71.5	87.7	90.4	92.5	94.4	95.3	97.1	97.8	98.4	99.1	99.5	99.5	99.7	99.7	99.7	99.7
GE 500	71.5	87.7	90.4	92.5	94.4	95.3	97.1	97.8	98.4	99.1	99.5	99.5	99.7	99.7	99.7	99.7
GE 400	71.5	87.7	90.4	92.5	94.4	95.3	97.1	97.8	98.4	99.1	99.5	99.5	99.7	99.7	99.7	99.7
GE 300	71.5	87.7	90.4	92.5	94.4	95.3	97.1	97.8	98.4	99.1	99.5	99.5	99.7	99.7	99.7	99.7
GE 200	71.5	87.7	90.4	92.5	94.4	95.3	97.1	97.8	98.4	99.1	99.5	99.5	99.7	99.7	99.7	99.7
GE 100	71.5	87.7	90.4	92.5	94.4	95.3	97.1	97.8	98.4	99.1	99.5	99.5	99.7	99.7	99.7	99.7
GE 0	71.5	87.7	90.4	92.5	94.4	95.3	97.1	97.8	98.4	99.1	99.5	99.5	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 5946



GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS: 1511: 0000-0200

CEILING	VISIBILITY IN STATUTE MILES											
	10	6	5	4	3	2	1 1/2	1	3/4	1/2	1/4	0
NO CEIL	45.3	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000	46.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 18000	48.2	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	48.2	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	48.2	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 12000	49.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 10000	50.0	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	50.7	64.3	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 8000	53.5	67.4	67.4	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	54.9	69.3	69.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 6000	55.4	70.0	70.0	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 5000	56.1	71.1	71.1	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	56.9	72.5	72.5	73.5	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000	58.5	75.3	75.3	76.4	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500	60.1	78.3	78.3	78.9	80.1	80.1	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	61.3	80.7	81.3	82.4	82.5	82.8	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500	61.9	82.2	83.1	84.3	84.7	85.0	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	62.6	83.5	85.0	86.9	88.2	88.5	89.6	89.6	89.6	89.6	89.6	89.6
GE 1800	62.9	84.0	85.7	87.6	88.9	89.2	90.6	90.6	90.7	90.7	90.7	90.7
GE 1500	63.1	84.4	86.4	88.5	90.0	90.3	92.2	92.2	92.4	92.4	92.4	92.4
GE 1200	63.1	84.6	86.9	89.2	90.7	91.0	92.8	95.3	95.7	95.7	95.8	95.8
GE 1000	63.3	85.0	87.4	89.6	91.3	91.5	93.8	96.4	96.8	96.9	96.9	96.9
GE 900	63.3	85.0	87.4	89.9	91.5	91.8	94.0	96.7	97.4	97.4	97.5	97.5
GE 800	63.3	85.0	87.4	90.0	91.8	92.1	94.3	96.9	98.2	98.2	98.3	98.3
GE 700	63.3	85.0	87.4	90.0	91.8	92.1	94.3	96.9	98.0	98.0	98.2	98.3
GE 600	63.3	85.0	87.4	90.0	91.8	92.1	94.3	96.9	98.2	98.2	98.4	98.6
GE 500	63.3	85.0	87.4	90.0	91.8	92.1	94.3	96.9	98.2	98.2	98.6	98.6
GE 400	63.3	85.0	87.4	90.0	91.8	92.1	94.3	96.9	98.4	98.4	98.9	98.9
GE 300	63.3	85.0	87.4	90.0	91.8	92.1	94.3	96.9	98.4	98.4	100.0	100.0
GE 200	63.3	85.0	87.4	90.0	91.8	92.1	94.3	96.9	98.4	98.4	100.0	100.0
GE 100	63.3	85.0	87.4	90.0	91.8	92.1	94.3	96.9	98.4	98.4	100.0	100.0
GE 0	63.3	85.0	87.4	90.0	91.8	92.1	94.3	96.9	98.4	98.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
 USAF/AC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: APR HOURS (LST): 0300-0500

CEILING VISIBILITY IN STATUTE MILES

IN FEET	GE 5	GE 6	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 3/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.1	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.1
GE 20000	42.4	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.6
GE 18000	44.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	56.0
GE 16000	44.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.1
GE 14000	44.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.4
GE 12000	46.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.8
GE 10000	48.9	61.1	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.8
GE 9000	50.3	62.6	62.6	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.8
GE 8000	52.1	64.7	64.9	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.0
GE 7000	53.3	66.3	66.3	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.5
GE 6000	53.9	66.8	66.9	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.1
GE 5000	55.3	68.8	68.9	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.0
GE 4500	56.0	69.9	70.0	70.7	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.7
GE 4000	57.5	72.8	73.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.7
GE 3500	59.3	76.1	76.5	77.2	78.1	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.9
GE 3000	60.7	78.2	78.9	81.3	81.5	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.7
GE 2500	61.1	79.2	80.0	81.3	83.6	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.7
GE 2000	61.5	80.4	81.4	83.2	85.3	86.0	86.5	87.6	87.6	87.6	87.6	87.6	87.6	87.9
GE 1800	61.7	80.7	81.7	83.5	86.1	86.8	87.5	88.8	88.8	88.9	88.9	88.9	88.9	89.2
GE 1500	61.7	80.8	82.2	84.0	87.8	88.5	89.2	90.4	90.4	90.6	90.6	90.6	90.6	90.8
GE 1200	62.4	81.5	83.2	85.0	89.0	89.7	91.1	92.9	92.9	93.2	93.2	93.2	93.2	93.5
GE 1000	62.6	81.9	83.6	85.6	89.6	90.3	92.1	94.6	94.7	95.0	95.3	95.3	95.3	95.6
GE 900	62.6	81.9	83.8	85.7	89.7	90.4	92.4	94.9	95.3	95.6	95.8	95.8	95.8	96.1
GE 800	62.6	81.9	83.8	86.0	90.1	90.8	92.9	95.6	96.1	96.5	97.1	97.1	97.1	97.4
GE 700	62.6	81.9	83.8	86.0	90.1	90.8	92.9	95.8	96.7	97.2	98.1	98.1	98.1	98.3
GE 600	62.6	81.9	83.8	86.0	90.1	90.8	92.9	95.8	96.8	97.5	98.6	98.6	98.6	99.0
GE 500	62.6	81.9	83.8	86.0	90.1	90.8	92.9	95.8	96.8	97.5	98.9	98.9	99.0	99.3
GE 400	62.6	81.9	83.8	86.0	90.1	90.8	92.9	95.8	96.8	97.6	99.3	99.4	99.4	99.9
GE 300	62.6	81.9	83.8	86.0	90.1	90.8	92.9	95.8	96.8	97.6	99.3	99.4	99.4	99.9
GE 200	62.6	81.9	83.8	86.0	90.1	90.8	92.9	95.8	96.8	97.6	99.3	99.4	99.4	100.0
GE 100	62.6	81.9	83.8	86.0	90.1	90.8	92.9	95.8	96.8	97.6	99.3	99.4	99.4	100.0
GE 0	62.6	81.9	83.8	86.0	90.1	90.8	92.9	95.8	96.8	97.6	99.3	99.4	99.4	100.0

ICIAL NUMBER OF OBSERVATIONS: 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS: 0600-2400

CEILING IN FEET	VISIBILITY IN STATUTE MILES				VISIBILITY IN STATUTE MILES				VISIBILITY IN STATUTE MILES				VISIBILITY IN STATUTE MILES			
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	44.9	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.8	45.8	46.0	46.0	46.0	46.0		
GE 20000	46.3	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.2	47.2	47.4	47.4	47.4	47.4		
GE 18000	49.2	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.3	50.3	50.3	50.3		
GE 16000	49.4	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.4	50.4	50.6	50.6	50.6	50.6		
GE 14000	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	51.0	51.0	51.1	51.1	51.1	51.1		
GE 12000	50.7	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.7	51.7	51.8	51.8	51.8	51.8		
GE 10000	56.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.4	57.4	57.5	57.5	57.5	57.5		
GE 9000	57.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.9	58.9	59.0	59.0	59.0	59.0		
GE 8000	60.3	61.8	61.8	61.8	61.9	61.9	61.9	61.9	62.2	62.2	62.4	62.4	62.4	62.4		
GE 7000	61.5	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.5	63.5	63.6	63.6	63.6	63.6		
GE 6000	61.9	63.9	63.9	63.9	64.2	64.2	64.2	64.2	64.4	64.4	64.6	64.6	64.6	64.6		
GE 5000	63.6	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.7	66.7	66.7	66.7		
GE 4500	64.7	67.4	67.6	67.8	68.1	68.1	68.1	68.1	68.3	68.3	68.5	68.5	68.5	68.5		
GE 4000	68.8	71.5	71.9	72.1	72.4	72.4	72.4	72.4	72.8	72.8	72.9	72.9	72.9	72.9		
GE 3500	71.8	75.7	76.4	76.8	77.4	77.5	77.5	77.5	78.1	78.1	78.2	78.2	78.2	78.2		
GE 3000	73.9	78.2	79.2	79.7	80.6	80.7	81.0	81.3	81.5	81.5	81.7	81.7	81.7	81.7		
GE 2500	74.3	78.9	80.3	80.8	81.8	81.9	82.5	82.8	83.2	83.2	83.3	83.3	83.3	83.3		
GE 2000	74.7	80.1	81.8	82.6	84.3	84.6	86.0	86.5	87.2	87.2	87.4	87.4	87.4	87.4		
GE 1800	75.0	80.8	82.5	83.3	85.1	85.6	87.1	87.8	88.5	88.5	88.6	88.6	88.6	88.6		
GE 1500	75.3	81.5	83.2	84.0	86.7	87.1	89.0	90.3	91.0	91.1	91.3	91.3	91.3	91.3		
GE 1200	75.7	82.4	84.2	85.1	87.8	88.3	90.3	92.1	92.9	93.2	93.3	93.3	93.3	93.3		
GE 1000	75.8	82.5	84.3	85.3	88.3	88.9	91.0	93.1	94.3	94.6	94.7	94.7	94.7	94.7		
GE 900	75.8	82.5	84.4	85.4	88.5	89.0	91.9	94.3	95.8	96.1	96.3	96.3	96.3	96.3		
GE 800	75.8	82.5	84.4	85.4	88.5	89.0	92.2	94.7	96.8	97.4	97.6	97.6	97.6	97.6		
GE 700	75.8	82.5	84.6	85.6	88.8	89.3	92.5	95.3	97.9	98.2	98.5	98.5	98.5	98.5		
GE 600	75.8	82.5	84.6	85.6	88.6	89.3	92.5	95.3	98.1	98.6	99.0	99.0	99.0	99.0		
GE 500	75.8	82.5	84.6	85.6	88.8	89.3	92.5	95.3	98.2	98.8	99.3	99.3	99.3	99.3		
GE 400	75.8	82.5	84.6	85.6	88.8	89.3	92.5	95.3	98.3	98.9	99.4	99.4	99.4	99.4		
GE 300	75.8	82.5	84.6	85.6	88.8	89.3	92.5	95.3	98.3	98.9	99.4	99.4	99.4	99.4		
GE 200	75.8	82.5	84.6	85.6	88.8	89.3	92.5	95.3	98.3	98.9	99.4	99.4	99.4	99.4		
GE 100	75.8	82.5	84.6	85.6	88.8	89.3	92.5	95.3	98.3	98.9	99.4	99.4	99.4	99.4		
GE 01	75.8	82.5	84.6	85.6	88.8	89.3	92.5	95.3	98.3	98.9	99.4	99.4	99.4	99.4		

ICIAL 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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84

MONTH: APR HOURS(S): 0900-1100

CEILING IN FEET 100 200 300 400 500 600 700 800 900 1000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7										
NC CEIL	46.8	47.2	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	48.8	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 18000	50.8	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 16000	51.0	51.4	51.4	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	51.7	51.7	51.7
GE 14000	51.8	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000	53.5	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 10000	58.1	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 9000	59.9	60.7	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 8000	64.3	65.1	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000	66.1	67.2	67.2	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 6000	66.5	67.8	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	70.0	71.7	72.1	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4500	71.0	72.8	73.3	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000	73.2	75.3	75.8	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3500	76.7	79.4	80.0	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	78.5	81.5	82.1	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2500	78.9	82.2	82.5	84.2	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2000	80.6	84.4	85.1	86.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	81.3	85.4	86.1	87.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	81.5	85.7	86.5	88.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	82.2	86.5	87.6	89.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	82.2	86.5	87.6	89.7	91.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 900	82.2	86.5	87.6	89.7	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 800	82.2	86.5	87.6	89.7	92.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 700	82.2	86.5	87.6	89.7	92.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	82.5	86.9	88.1	90.1	92.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	82.5	86.9	88.1	90.3	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 400	82.5	86.9	88.1	90.3	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 300	82.5	86.9	88.1	90.3	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 200	82.5	86.9	88.1	90.3	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 100	82.5	86.9	88.1	90.3	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 01	82.5	86.9	88.1	90.3	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9

TOTAL NUMBER OF OBSERVATIONS: 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/WAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING VISIBILITY IN STATUTE MILES

IN FEET	1	2	3	4	5	6	GE	1/2	1	1/4	GE	3/4	5/8	1/2	5/16	1/4	GE
NO CEIL	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	54.7	55.1	55.1	55.1	55.1	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 18000	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 16000	58.1	58.5	58.5	58.5	58.5	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 14000	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 10000	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 9000	62.9	63.3	63.3	63.3	63.3	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 8000	65.6	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 7000	66.8	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 6000	68.2	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 5000	70.4	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4500	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000	74.0	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	78.5	79.7	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	81.3	83.1	83.6	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2500	83.8	86.7	87.6	88.1	88.8	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2000	86.3	89.2	90.7	91.1	92.9	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	86.5	89.4	91.0	91.7	93.5	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	87.1	90.1	91.8	92.5	94.4	95.1	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	87.5	91.3	93.1	93.8	95.7	96.4	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	87.5	91.3	93.1	93.8	95.8	96.5	97.9	98.3	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	87.5	91.3	93.1	93.8	95.8	96.5	98.2	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	87.5	91.3	93.1	93.8	95.8	96.5	98.2	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	87.5	91.3	93.1	93.8	95.8	96.5	98.2	98.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	87.5	91.4	93.2	93.9	96.0	96.7	98.3	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	87.5	91.4	93.2	93.9	96.0	96.7	98.3	98.8	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	87.5	91.4	93.2	93.9	96.0	96.7	98.3	98.8	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	87.5	91.4	93.2	93.9	96.0	96.7	98.3	98.8	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	87.5	91.4	93.2	93.9	96.0	96.7	98.3	98.8	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	87.5	91.4	93.2	93.9	96.0	96.7	98.3	98.8	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 01	87.5	91.4	93.2	93.9	96.0	96.7	98.3	98.8	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	1	1/2	2	3	4	5	6	7	8	9									
	1	1/2	1/4	3/4	1	5/8	1/2	5/16	1/4	0									
NC CEIL	49.1	49.7	49.7	49.7	49.7	49.7	49.7	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 20000	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 18000	56.7	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 16000	57.0	57.8	57.8	57.8	57.8	57.8	57.8	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 14000	57.2	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 12000	58.5	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 10000	60.9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 9000	61.8	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 8000	65.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000	67.5	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	68.6	68.6
GE 6000	68.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	70.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4500	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	75.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3500	78.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	81.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2500	82.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2000	83.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	84.1	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1500	85.0	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	88.9	88.9
GE 1200	85.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	85.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	85.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 800	85.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 700	85.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 600	85.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 500	85.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 400	85.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 300	85.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 200	85.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 100	85.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 0	85.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7

ICIAL NUMBER OF OBSERVATIONS: 668

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/RAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84

MONTH: APR HOURS(S): 2100-2300

CEILING IN FEET 1 10 6 5 4 3 2 1/2 1 1/2 1 1/4 1 3/4 5/8 1/2 3/16 1/4 GE GE GE GE GE GE GE GE GE GE GE GE GE GE GE

CEILING IN FEET	1	10	6	5	4	3	2 1/2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/16	1/4	GE
NC CEIL	44.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 2000	47.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 1800	50.0	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	55.5	55.5
GE 1600	50.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 1400	50.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 1200	52.3	57.8	57.8	57.8	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 1000	55.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 900	57.0	62.5	62.5	62.5	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 800	60.3	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 700	63.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 600	64.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 500	65.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 450	67.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 400	69.8	76.8	77.1	77.4	77.4	77.4	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 350	72.1	80.2	80.8	81.6	81.6	82.1	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 300	74.1	83.2	83.8	84.9	85.0	85.8	86.3	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6
GE 250	74.5	84.1	84.9	86.8	87.2	88.2	88.6	88.6	88.6	88.8	89.1	89.1	89.1	89.1	89.1	89.1
GE 200	75.2	86.0	87.1	89.4	90.5	91.4	91.9	91.9	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4
GE 180	75.4	86.4	87.9	90.3	91.4	92.4	92.8	92.8	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3
GE 150	75.4	86.9	88.5	91.1	92.2	93.8	94.5	94.5	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 120	75.4	87.1	88.6	91.3	92.5	93.0	94.2	95.0	95.3	95.0	95.8	96.1	96.1	96.1	96.1	96.1
GE 100	75.4	87.2	88.9	91.6	93.1	93.6	95.0	96.3	96.3	97.0	97.7	98.0	98.0	98.0	98.0	98.0
GE 90	75.4	87.2	88.9	91.6	93.1	93.6	95.0	96.3	96.3	97.2	97.8	98.1	98.1	98.1	98.1	98.1
GE 80	75.4	87.2	88.9	91.6	93.1	93.6	95.0	96.4	96.9	98.1	98.8	99.1	99.1	99.1	99.1	99.1
GE 70	75.4	87.2	88.9	91.6	93.1	93.6	95.0	96.4	97.4	98.6	99.2	99.5	99.5	99.5	99.5	99.5
GE 60	75.4	87.2	88.9	91.6	93.1	93.6	95.0	96.4	97.4	98.6	99.2	99.5	99.5	99.5	99.5	99.5
GE 50	75.4	87.2	88.9	91.6	93.1	93.6	95.0	96.4	97.4	98.6	99.2	99.5	99.5	99.5	99.5	99.5
GE 40	75.4	87.2	88.9	91.6	93.1	93.6	95.0	96.6	97.5	98.8	99.5	99.8	99.8	99.8	99.8	99.8
GE 30	75.4	87.2	88.9	91.6	93.1	93.6	95.2	96.6	97.5	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 20	75.4	87.2	88.9	91.6	93.1	93.6	95.2	96.6	97.5	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 10	75.4	87.2	88.9	91.6	93.1	93.6	95.2	96.6	97.5	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 0	75.4	87.2	88.9	91.6	93.1	93.6	95.2	96.6	97.5	98.8	99.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 642



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/PAAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	
NO CEIL	47.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.9
GE 2000	49.1	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1
GE 1800	51.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 1600	51.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 1400	52.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3
GE 1200	53.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6
GE 1000	56.4	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
GE 900	57.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 800	61.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 700	62.8	67.6	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 600	63.6	68.5	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 500	65.5	70.7	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 450	66.7	72.2	72.5	72.8	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
GE 400	69.1	75.0	75.4	75.8	76.0	76.1	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4
GE 350	72.2	79.0	79.6	80.1	80.5	80.6	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9
GE 300	74.2	81.5	82.2	83.0	83.6	83.7	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.3
GE 250	75.1	83.1	84.1	85.1	85.9	86.2	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9
GE 200	76.3	84.9	86.1	87.5	89.0	89.4	90.1	90.6	90.7	90.7	90.8	90.8	90.8	90.8
GE 180	76.7	85.4	86.7	88.2	89.9	90.3	91.1	91.7	91.8	91.9	91.9	91.9	91.9	91.9
GE 150	76.9	85.9	87.3	88.9	90.9	91.5	92.5	93.3	93.4	93.5	93.5	93.6	93.6	93.6
GE 120	77.4	86.5	88.1	89.8	92.0	92.6	94.1	95.3	95.4	95.9	95.9	96.0	96.0	96.0
GE 100	77.4	86.7	88.3	90.1	92.4	93.0	94.8	96.2	96.4	97.1	97.1	97.2	97.2	97.3
GE 90	77.5	86.7	88.4	90.2	92.5	93.1	95.2	96.6	96.9	97.4	97.8	98.0	98.0	98.0
GE 80	77.5	86.7	88.4	90.3	92.7	93.3	95.4	96.9	97.3	98.0	98.5	98.7	98.7	98.8
GE 70	77.5	86.7	88.4	90.3	92.7	93.3	95.4	97.0	97.6	98.4	99.0	99.1	99.1	99.2
GE 60	77.5	86.8	88.5	90.4	92.8	93.4	95.5	97.1	97.7	98.5	99.2	99.4	99.4	99.5
GE 50	77.5	86.8	88.5	90.4	92.8	93.4	95.5	97.2	97.8	98.6	99.3	99.6	99.6	99.7
GE 40	77.5	86.8	88.5	90.4	92.8	93.4	95.5	97.2	97.8	98.7	99.4	99.7	99.8	99.8
GE 30	77.5	86.8	88.5	90.4	92.8	93.4	95.5	97.2	97.8	98.7	99.4	99.8	99.8	99.9
GE 20	77.5	86.8	88.5	90.4	92.8	93.4	95.5	97.2	97.8	98.7	99.4	99.8	99.9	99.9
GE 10	77.5	86.8	88.5	90.4	92.8	93.4	95.5	97.2	97.8	98.7	99.4	99.8	99.9	100.0
GE 0	77.5	86.8	88.5	90.4	92.8	93.4	95.5	97.2	97.8	98.7	99.4	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 5620

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/FAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK  
PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS: 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	56.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 20000	59.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000	60.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	60.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	61.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 12000	62.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 10000	66.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 9000	68.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 8000	70.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 7000	73.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 6000	75.1	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 5000	77.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4500	79.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4000	82.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3500	87.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	89.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	90.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	91.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	91.7	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	92.2	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	92.2	98.0	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	92.2	98.0	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	92.2	98.1	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	92.2	98.1	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	92.2	98.1	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	92.2	98.1	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	92.2	98.1	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	92.2	98.1	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	92.2	98.1	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200	92.2	98.1	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 100	92.2	98.1	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 0	92.2	98.1	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING	VISIBILITY IN STATUTE MILES														
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE			
FEET	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0

NO	CEIL	1	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE	2000	58.2	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	60.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE	1600	60.9	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE	1400	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE	1200	63.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE	1000	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE	900	68.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE	800	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE	700	72.7	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE	600	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE	500	77.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE	450	80.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE	400	84.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE	350	89.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE	300	90.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE	250	92.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE	200	92.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	180	92.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE	150	93.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE	120	93.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	100	93.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	90	93.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE	80	93.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	70	93.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	60	93.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	50	93.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	40	93.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	30	93.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	20	93.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	10	93.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	0	93.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS: 0600-0800

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1	1/4	1/2	5/8	3/4	1/2	5/16	1/4	0
NO CEIL	55.5	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 20000	58.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	61.3	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 16000	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 14000	62.4	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 12000	64.4	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 9000	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 8000	72.4	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 7000	74.5	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 6000	75.0	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 5000	77.8	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4500	79.6	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4000	83.5	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3500	88.8	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	90.6	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	92.2	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	92.9	94.5	94.9	95.0	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	92.9	94.8	95.2	95.3	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500	93.0	94.9	95.3	95.6	95.8	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	93.5	95.4	96.0	96.2	96.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	93.5	95.4	96.0	96.5	96.8	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	93.5	95.8	96.4	96.9	97.2	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	93.5	95.8	96.4	96.9	97.2	97.6	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	93.5	95.8	96.4	96.9	97.2	97.6	99.1	99.3	99.3	99.3	99.5	99.5	99.7	99.7	99.7	99.7
GE 600	93.5	96.0	96.5	97.0	97.4	97.8	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 500	93.5	96.0	96.5	97.0	97.4	97.8	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 400	93.5	96.0	96.5	97.0	97.4	97.8	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 300	93.5	96.0	96.5	97.0	97.4	97.8	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	93.5	96.0	96.5	97.0	97.4	97.8	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	93.5	96.0	96.5	97.0	97.4	97.8	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 0	93.5	96.0	96.5	97.0	97.4	97.8	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	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	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 20000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 18000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 16000	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 14000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 12000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 9000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 7000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 6000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 5000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 900	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 500	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 300	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 200	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 100	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
 LSAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: MAY HOURS(UTC): 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 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 18000	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 14000	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 9000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 8000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 7000	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 6000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 5000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4500	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4000	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3000	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2500	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 0	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: MAY HOURS: 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 1	GE 2	GE 3	GE 4	GE 1/2	GE 1	GE 1/4	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 0
NC CEIL	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 20000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 18000	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 16000	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 14000	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 12000	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 10000	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 9000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 8000	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 6000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 5000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2500	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: MAY HOURS: (STL) 1000-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	1	1/2	2	3	4	5	6	10	GE	0			
NC CEIL	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 20000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 16000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 14000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 12000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 10000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 8000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 5000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4500	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3500	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	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 2000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	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 1500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	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 1000	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 900	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 800	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 700	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 600	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 500	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 400	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 300	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 200	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 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
GE 0	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

TOTAL NUMBER OF OBSERVATIONS: 724



GLOBAL CLIMATELOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY MONTHLY SUMMARY 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE				
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/16	1/4	0
NC CEIL	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 20000	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 18000	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 16000	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 14000	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 12000	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 9000	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 8000	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 7000	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 6000	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 5000	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4500	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4000	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3500	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	96.2	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	97.1	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	97.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 0	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 714

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS: 1711

CEILING VISIBILITY IN STATUTE MILES

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	55.6	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 20000	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 18000	60.8	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 14000	61.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	62.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 10000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	72.6	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 5000	78.0	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4500	80.4	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4000	84.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	90.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
CC 3000	92.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	94.1	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	95.2	96.7	96.8	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	95.4	97.0	97.2	97.3	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	96.0	97.6	97.7	97.9	98.0	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	96.2	97.9	98.0	98.2	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	96.2	97.9	98.1	98.3	98.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	96.2	98.0	98.2	98.4	98.6	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.2	98.1	98.3	98.5	98.7	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	96.2	98.1	98.3	98.5	98.7	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.2	98.1	98.3	98.5	98.7	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	96.2	98.1	98.1	98.5	98.8	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.2	98.1	98.3	98.5	98.8	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	96.2	98.1	98.3	98.5	98.8	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	96.2	98.1	98.3	98.5	98.8	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	96.2	98.1	98.3	98.5	98.8	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	96.2	98.1	98.3	98.5	98.8	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 5902



GLOBAL CLIMATOLOGY BRANCH  
 US:CEIAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-84  
 MONTH: JUN MONTH(S): 1, 0999-0200

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

CEILING	VISIBILITY IN STATUTE MILES											
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
IN	1/2	1	1 1/2	2	3	4	5	6	7	8	9	10
NO CEIL	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 2000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 1800	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 1600	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 1400	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 1200	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 1000	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 800	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 700	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 600	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 500	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 450	75.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 400	81.3	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 350	88.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 300	91.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 250	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 200	92.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	92.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	92.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1200	93.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	93.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	93.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	93.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	93.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	93.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	93.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	93.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	93.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 200	93.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 100	93.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 01	93.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAF/ETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: JUN HOURS: 0100-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	43.9	43.9	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 20000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 18000	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	47.9
GE 16000	48.2	48.2	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 14000	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 12000	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 10000	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 9000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 8000	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 7000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 6000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 5000	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 4500	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 4000	83.1	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3500	88.3	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	91.1	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	91.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	91.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	91.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	92.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	93.1	96.9	97.2	97.4	97.5	97.6	98.2	98.2	98.3	98.5	98.5	98.5	98.6	98.6
GE 1000	93.1	96.9	97.5	97.8	98.1	98.2	98.8	98.8	98.9	99.0	99.0	99.0	99.2	99.2
GE 900	93.2	97.1	97.6	97.9	98.2	98.3	98.9	98.9	99.0	99.2	99.2	99.2	99.3	99.3
GE 800	93.2	97.1	97.8	98.1	98.3	98.5	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4
GE 700	93.2	97.1	97.5	98.2	98.8	98.9	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9
GE 600	93.2	97.1	97.9	98.2	98.8	98.9	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9
GE 500	93.2	97.1	97.9	98.2	98.8	98.9	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9
GE 400	93.2	97.1	97.9	98.2	98.8	98.9	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9
GE 300	93.2	97.1	97.9	98.2	98.8	98.9	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9
GE 200	93.2	97.1	97.9	98.2	98.8	98.9	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9
GE 100	93.2	97.1	97.9	98.2	98.8	98.9	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9
GE 0	93.2	97.1	97.9	98.2	98.8	98.9	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS: 0600-2400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	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
NC CEIL	43.9	43.9	43.9	43.9	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 20000	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 18000	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	48.8	48.8	48.8
GE 16000	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	48.8	48.8	48.8
GE 14000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 12000	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	51.7	51.7
GE 10000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 9000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	62.5	62.5	62.5	62.5	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 7000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 6000	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4500	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4000	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3000	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500	89.6	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	90.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	90.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1500	91.4	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 1200	92.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	92.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	92.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	92.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	92.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	92.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	92.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 400	92.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 300	92.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 200	92.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 100	92.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 01	92.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JUN HOURS(LST): 0900-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	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	GE
NC CEIL	42.6	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 20000	46.1	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 18000	47.6	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 16000	47.9	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 14000	48.2	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 12000	50.7	51.0	51.0	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 10000	54.6	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 9000	57.6	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 8000	60.0	60.3	60.3	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 7000	64.3	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 6000	66.7	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 5000	70.4	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4500	72.6	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4000	78.8	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	83.2	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	85.4	86.5	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2500	86.0	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	88.3	90.6	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	89.6	92.4	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500	90.8	93.9	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1200	92.1	95.6	96.5	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	92.5	96.0	97.1	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	92.5	96.0	97.1	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	92.8	96.3	97.5	98.1	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 700	92.8	96.5	97.8	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	92.9	96.7	97.9	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	92.9	96.7	98.1	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	92.9	96.8	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	92.9	96.8	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	92.9	96.8	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	92.9	96.8	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	92.9	96.8	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING VISIBILITY IN STATUTE MILES

CEILING	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	10	6	5	4	3	2	1/2	2	1	1/2	1	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	27.5	27.5	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	27.6
GE 20000	33.6	33.8	33.8	33.8	33.8	33.8	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	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 16000	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 14000	36.1	36.3	36.3	36.3	36.3	36.3	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 12000	37.9	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	38.1	38.1
GE 10000	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 9000	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 8000	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 7000	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 6000	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 5000	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4500	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 4000	71.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 3500	79.2	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000	86.3	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	88.3	90.0	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	91.0	93.1	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	91.7	93.9	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1500	92.9	95.3	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	95.0	97.8	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	95.4	98.2	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	95.4	98.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	95.4	98.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	95.4	98.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	95.4	98.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	95.4	98.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	95.4	98.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.4	98.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.4	98.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	95.4	98.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	95.4	98.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JUN HOURS(S): 1500-1700

CEILING	VISIBILITY IN STATUTE MILES																
	1	2	3	4	5	6	10	15	20	25	30	35	40	45	50	55	60
AC CEIL	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	30.1	30.1
GE 20000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 18000	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	37.8	37.8	37.8	37.8
GE 16000	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 14000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 12000	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	40.8	40.8
GE 10000	42.4	42.4	42.4	42.4	42.4	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 9000	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	42.9	42.9	42.9	42.9
GE 8000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 7000	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	51.7	51.7	51.7
GE 6000	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 5000	63.9	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4500	67.2	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4000	71.8	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 3500	81.3	82.2	82.5	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 3000	90.1	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	92.6	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	94.2	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	94.4	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	95.0	97.6	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	95.6	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	95.6	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	95.6	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	95.6	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	95.6	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	95.6	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	95.6	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	95.6	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	95.6	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	95.6	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	95.6	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	95.6	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 720



GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	1	2	3	4	5	6	7	8	9	10	11	12
.....	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 20000	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 18000	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 16000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 14000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 12000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 10000	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 9000	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 8000	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 7000	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 6000	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 5000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4500	71.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	77.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3500	87.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	91.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2500	93.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	94.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	94.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	94.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	95.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	95.4	98.3	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	95.4	98.3	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	95.7	98.6	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	95.7	98.6	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	95.7	98.6	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	95.7	98.6	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	95.7	98.6	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.7	98.6	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.7	98.6	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	95.7	98.6	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	95.7	98.6	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 702

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1G	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NO CEIL	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	38.7	38.7	38.7
GE 20000	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 18000	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 16000	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 14000	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 12000	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 10000	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 9000	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 8000	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 7000	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 6000	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 5000	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4500	75.3	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4000	81.0	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	89.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	92.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500	93.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	93.8	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	93.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	94.4	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	95.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	95.1	97.7	98.0	98.4	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 900	95.1	97.7	98.0	98.4	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 800	95.4	98.0	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	95.4	98.0	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	95.4	98.0	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	95.4	98.0	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	95.4	98.0	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	95.4	98.0	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	95.4	98.0	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	95.4	98.0	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	95.4	98.0	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 693



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	1 2 1/2	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	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 20000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 18000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 16000	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 14000	45.2	45.3	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 12000	47.5	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 10000	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 9000	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 8000	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 7000	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 6000	63.9	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 5000	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4500	72.3	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4000	78.3	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3500	85.7	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	89.7	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	90.8	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000	91.9	94.2	94.6	94.7	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	92.3	94.9	95.3	95.5	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	93.0	95.7	96.3	96.4	96.6	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	93.9	97.2	97.8	98.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	94.1	97.3	98.1	98.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	94.1	97.4	98.1	98.4	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	94.2	97.5	98.3	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	94.2	97.6	98.4	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	94.3	97.6	98.4	98.8	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	94.3	97.6	98.5	98.8	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	94.3	97.7	98.5	98.8	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	94.3	97.7	98.5	98.8	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	94.3	97.7	98.5	98.8	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	94.3	97.7	98.5	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	94.3	97.7	98.5	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 5715

GLOBAL CLIMATOLOGY BRANCH  
USAF/CTAC  
AIR WEATHER SERVICE/MAE

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-64  
MONTH: JUL HOURS: (0000-0800)

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	3	4	2	1 1/2	1	3/4	1/2	5/16	1/4	0
NC CEIL	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 20000	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 18000	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 16000	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 14000	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 12000	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 10000	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 9000	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 8000	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 7000	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 6000	66.2	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	70.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4500	73.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	79.1	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	83.8	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3000	85.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2500	85.9	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	86.4	88.4	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1800	86.8	88.8	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	87.6	89.6	89.8	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1200	89.4	91.5	91.7	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	89.8	91.9	92.2	93.1	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	90.0	92.2	92.5	93.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	90.3	92.5	92.9	93.8	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	90.4	93.3	94.2	94.5	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	90.4	93.3	94.2	94.6	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	90.4	93.3	94.2	94.6	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	90.4	93.3	94.2	94.6	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 300	90.4	93.3	94.2	94.6	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 200	90.4	93.4	94.3	94.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 100	90.4	93.4	94.3	94.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 01	90.4	93.4	94.3	94.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK  
 PERIOD OF RECORD: 77-84  
 MONTH: JUL  
 HOURS: 1/4 1/2 3/4 5/8 1/2 3/4 1/4 0

CEILING	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2	1/2	1/4	1	3/4	5/8	1/2	3/4	1/4	0	0	0	0	0
NO CEIL	39.0	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 20000	42.2	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 18000	42.5	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 16000	42.5	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 14000	42.6	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 12000	43.4	44.2	44.2	44.2	44.2	44.2	44.2	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 10000	48.4	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 9000	49.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 8000	52.8	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	53.8	53.8	53.8
GE 7000	57.0	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 6000	59.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 5000	65.2	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4500	71.6	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4000	76.2	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	81.5	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3000	82.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	82.9	84.9	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	83.3	85.5	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	83.5	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1500	84.4	87.0	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1200	86.0	88.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1000	86.2	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	86.3	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 800	86.7	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 700	87.2	91.9	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 600	87.2	92.5	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	87.2	92.5	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 400	87.4	92.7	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 300	87.4	92.7	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 200	87.4	92.7	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 100	87.4	92.7	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE	01 87 4	92.7	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0

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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK  
 PERIOD OF RECORD: 77-84  
 MONTH: JUL HOURS: (LST) 11 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	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 3/16	GE 1/4	
NC CEIL	36.0	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 2000	39.4	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 1800	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 1600	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 1400	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 1200	43.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 1000	46.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 900	48.7	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 800	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 700	56.6	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 600	59.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 500	64.8	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 450	70.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 400	73.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 350	78.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 300	79.4	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 250	80.4	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 200	81.2	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 180	82.0	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 150	82.8	85.9	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 120	84.7	87.9	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 100	84.9	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 90	85.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 80	85.3	89.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 70	86.7	91.4	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 60	86.8	91.9	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 50	87.0	92.1	92.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 40	87.0	92.1	92.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 30	87.0	92.1	92.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 20	87.0	92.1	92.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 10	87.0	92.1	92.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 0	87.0	92.1	92.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK  
 PERIOD OF RECORD: 77-84  
 MONTH: JUL HOURS: 0100-1100

CEILING	VISIBILITY IN STATUTE MILES										
	10	6	5	4	3	2	1 1/2	1	3/4	1/2	0
NC CEIL	35.5	35.8	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 20000	39.2	39.5	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 18000	40.7	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 16000	41.0	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 14000	41.7	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 12000	43.1	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 10000	46.0	46.4	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 9000	48.5	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 8000	52.2	52.6	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 7000	55.8	56.2	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 6000	59.7	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 5000	64.2	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	67.6	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4000	70.7	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3500	75.1	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3000	77.4	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2500	78.9	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2000	81.5	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1800	83.3	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1500	84.3	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200	88.3	90.3	91.0	91.3	91.5	91.5	92.1	92.1	92.1	92.1	92.1
GE 1000	88.7	90.9	91.8	92.2	92.5	92.7	93.4	93.4	93.4	93.4	93.4
GE 900	89.4	91.7	92.6	93.0	93.5	93.8	94.6	94.6	94.6	94.6	94.6
GE 800	89.5	91.8	92.7	93.3	93.8	94.1	95.2	95.2	95.2	95.2	95.2
GE 700	89.9	92.6	93.7	94.4	95.2	95.7	97.0	97.3	97.3	97.3	97.3
GE 600	90.2	93.1	94.2	94.9	95.7	96.4	98.3	98.7	98.8	98.8	98.8
GE 500	90.2	93.1	94.2	94.9	95.8	96.6	98.0	99.3	99.5	99.5	99.5
GE 400	90.2	93.1	94.2	94.9	96.0	96.9	99.1	99.6	99.7	99.7	99.7
GE 300	90.2	93.1	94.2	94.9	96.0	96.9	99.1	99.7	99.9	99.9	99.9
GE 200	90.2	93.1	94.2	94.9	96.0	96.9	99.2	99.9	100.0	100.0	100.0
GE 100	90.2	93.1	94.2	94.9	96.0	96.9	99.2	99.9	100.0	100.0	100.0
GE 0	90.2	93.1	94.2	94.9	96.0	96.9	99.2	99.9	100.0	100.0	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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK  
 PERIOD OF RECORD: 77-84  
 MONTH: JUL HOURS: 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	28.1	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 20000	31.9	32.7	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 18000	33.6	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 16000	33.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 14000	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	35.2
GE 12000	36.3	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 10000	38.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 9000	40.5	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 8000	42.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 7000	45.4	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 6000	48.5	50.0	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 5000	55.1	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 4500	58.9	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 4000	61.3	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 3500	68.8	71.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3000	74.7	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	79.6	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2000	83.7	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1800	85.5	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1500	86.4	90.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1200	89.9	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	90.3	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	91.1	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 800	91.4	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	91.7	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 600	91.8	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	91.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	91.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	91.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 200	91.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 100	91.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 0	91.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 LSAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JUL HOURS: 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	1/4	0
AC CEIL	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 20000	28.9	29.6	29.6	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 18000	31.7	32.4	32.4	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 16000	32.4	33.1	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
GE 14000	33.6	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 12000	35.3	36.0	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 10000	38.0	38.7	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 9000	39.5	40.2	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
GE 8000	43.8	44.5	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 7000	48.1	48.8	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 6000	51.5	52.3	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 5000	59.1	59.8	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 4500	61.2	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 4000	66.0	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 3500	74.9	75.8	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	82.5	83.5	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2500	86.4	87.4	87.9	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2000	90.6	91.7	92.3	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	91.4	92.5	93.1	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1500	93.1	94.2	94.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	94.4	95.4	96.5	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	94.6	95.8	96.9	97.6	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	94.8	96.0	97.0	97.8	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	94.9	96.2	97.3	98.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	95.0	96.4	97.4	98.4	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	95.0	96.5	97.6	98.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.0	96.5	97.6	98.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.0	96.5	97.6	98.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.0	96.5	97.6	98.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.0	96.5	97.6	98.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.0	96.5	97.6	98.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	95.0	96.5	97.6	98.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK  
 PERIOD OF RECORD: 77-84  
 MONTH: JUL MONTHS: JUL 1000-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	28.8	28.9	29.1	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 20000	32.9	33.0	33.2	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 18000	34.9	35.0	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 16000	35.2	35.3	35.5	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 14000	35.6	35.8	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 12000	37.7	37.9	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 10000	41.9	42.0	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 9000	45.0	45.2	45.3	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 8000	52.0	52.1	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 7000	56.7	56.8	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 6000	60.3	60.4	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 5000	67.2	67.4	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4500	71.7	71.8	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	76.2	76.4	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3500	82.6	82.8	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000	86.3	86.5	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2500	90.2	90.3	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2000	91.7	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	92.0	92.5	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	93.6	94.4	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	95.3	96.3	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	95.3	96.4	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	95.6	97.0	97.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	95.6	97.0	97.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	95.6	97.0	97.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	95.6	97.2	97.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	95.6	97.2	97.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	95.6	97.2	97.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	95.6	97.2	97.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	95.6	97.2	97.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	95.6	97.2	97.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0	95.6	97.2	97.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 702



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JLL HOURS: 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE			
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	42.3	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 20000	44.6	44.6	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 18000	46.1	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 16000	46.8	46.8	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 14000	47.7	47.7	48.2	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 12000	49.8	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 10000	52.6	52.6	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 9000	54.5	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 8000	58.6	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 7000	63.1	63.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 6000	67.0	67.0	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 5000	71.5	71.5	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	75.2	75.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	79.1	79.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3500	85.5	85.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000	86.8	86.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2500	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2000	88.1	88.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	88.8	88.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1600	89.6	89.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	90.0	90.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	92.2	92.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	93.4	93.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	93.4	93.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	93.4	93.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 700	93.4	93.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 600	93.4	93.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 500	93.4	93.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	93.4	93.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 300	93.4	93.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 200	93.4	93.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 100	93.4	93.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 0	93.4	93.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2

TOTAL NUMBER OF OBSERVATIONS: 681

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: JUL 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
NC CEIL	34.8	35.2	35.3	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 20000	38.2	38.7	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 18000	39.8	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 16000	40.1	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 14000	40.5	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 12000	42.3	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 10000	45.8	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 9000	47.7	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 8000	51.4	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 7000	55.6	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 6000	58.9	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 5000	64.6	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 4500	68.5	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	72.7	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	78.8	80.2	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 3000	81.8	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2500	84.0	85.7	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4
GE 2000	85.8	87.7	88.0	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	86.7	88.5	88.9	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1500	87.7	89.8	90.1	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
GE 1200	90.0	92.2	92.6	92.9	93.3	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	90.3	92.7	93.2	93.5	94.0	94.1	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7
GE 900	90.6	93.2	93.7	94.2	94.7	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	90.8	93.6	94.1	94.6	95.1	95.2	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 700	91.2	94.2	94.9	95.6	96.4	96.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
GE 600	91.3	94.5	95.2	95.9	97.0	97.2	98.4	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	91.3	94.5	95.3	96.0	97.1	97.3	98.7	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5
GE 400	91.3	94.6	95.4	96.1	97.2	97.4	98.8	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	91.3	94.6	95.4	96.1	97.2	97.5	98.9	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	91.3	94.6	95.4	96.2	97.3	97.6	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	91.3	94.6	95.4	96.2	97.3	97.6	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	91.3	94.6	95.4	96.2	97.3	97.6	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 5846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: ALG HOURS: 0000-0200

.....  
CEILING VISIBILITY IN STATUTE MILES  
.....  
FEET 10 6 5 4 3 2 1/2 1 1/4 3/4 5/8 1/2 5/16 1/4 0  
.....

	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	39.0	41.0	41.4	41.5	41.5	41.5	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 20000	41.7	43.7	44.1	44.2	44.2	44.2	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 18000	42.5	44.5	44.9	45.3	45.3	45.3	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 16000	42.7	44.9	45.3	45.7	45.7	45.7	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 14000	42.9	45.0	45.4	45.8	45.8	45.8	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 12000	44.8	46.9	47.3	47.7	47.7	47.7	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 10000	47.3	50.0	50.4	50.8	50.8	50.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 9000	49.6	52.4	52.8	53.2	53.2	53.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 8000	52.6	56.3	56.7	57.1	57.1	57.1	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 7000	55.5	59.4	59.8	60.2	60.2	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 6000	59.0	63.2	64.0	64.4	64.4	64.4	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	63.8	69.0	69.6	70.3	70.3	70.3	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4500	65.2	70.7	71.5	72.0	72.0	72.0	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4000	68.8	75.0	75.8	76.3	76.3	76.3	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3500	73.1	80.5	81.3	81.9	81.9	81.9	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3000	75.1	83.3	84.5	85.1	85.1	85.1	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500	75.8	85.1	86.7	87.4	87.4	87.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	76.9	87.2	89.0	89.8	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	76.9	87.2	89.0	89.8	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	78.0	88.6	90.5	91.4	91.5	91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	78.8	90.7	92.9	94.5	94.8	94.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	78.9	91.7	93.8	95.4	95.8	95.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	79.0	91.8	94.1	96.0	96.4	96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	79.0	91.9	94.2	96.1	96.5	96.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	79.0	91.9	94.5	96.4	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	79.0	91.9	94.5	96.4	97.0	97.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	79.0	91.9	94.5	96.4	97.0	97.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	79.0	91.9	94.5	96.4	97.0	97.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	79.0	91.9	94.5	96.4	97.0	97.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	79.0	91.9	94.5	96.4	97.0	97.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	79.0	91.9	94.5	96.4	97.0	97.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 0	79.0	91.9	94.5	96.4	97.0	97.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: AUG HOURS(LST): 0300-0500

CEILING	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	D
NC CEIL	38.7	40.2	40.3	40.9	41.0	41.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 20000	40.5	41.9	42.1	42.6	42.7	42.7	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 18000	41.5	43.0	43.1	44.1	44.2	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 16000	41.5	43.0	43.1	44.1	44.2	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 14000	41.5	43.0	43.1	44.1	44.2	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 12000	44.0	45.4	45.6	46.5	46.6	46.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 10000	47.4	49.1	49.2	50.1	50.3	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 9000	49.5	51.5	51.6	52.6	52.7	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 8000	51.9	54.4	54.7	55.6	55.8	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 7000	53.6	56.4	56.6	57.5	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 6000	55.8	59.0	59.3	60.2	60.3	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 5000	59.5	63.4	63.7	64.7	64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	61.7	66.3	66.8	67.7	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4000	64.8	69.9	70.4	71.6	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 3500	71.1	77.8	78.5	79.8	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000	72.7	79.8	80.6	82.0	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	72.8	81.0	82.3	83.9	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	73.7	82.9	84.1	85.8	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1800	73.9	83.2	84.5	86.3	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	75.1	84.7	86.3	88.4	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1200	76.2	86.8	88.4	91.0	91.5	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1000	76.3	87.8	89.4	92.2	92.9	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	76.6	88.2	89.8	92.6	93.4	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	76.7	88.6	90.3	93.1	94.1	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	76.9	89.1	90.9	94.4	95.3	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	77.0	89.2	91.0	94.5	96.0	96.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	77.0	89.2	91.0	94.6	96.1	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	77.0	89.4	91.1	94.8	96.4	96.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	77.0	89.4	91.1	94.9	96.5	96.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	77.0	89.4	91.1	94.9	96.5	96.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 100	77.0	89.4	91.1	94.9	96.5	96.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 0	77.0	89.4	91.1	94.9	96.5	96.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

ICIAL 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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: ALG HOURS: 0600-0800

CEILING IN FEET VISIBILITY IN STATUTE MILES

CEILING IN FEET	0		1		2		3		4		5		6		7		8		9	
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO CEIL	33.5	34.1	34.3	34.4	34.4	34.5	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	34.7
GE 20000	36.3	38.0	38.2	38.3	38.3	38.4	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 18000	37.1	39.1	39.2	39.4	39.4	39.5	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 16000	37.1	39.1	39.2	39.4	39.4	39.5	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 14000	37.4	39.4	39.5	39.7	39.7	39.8	39.9	39.9	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 12000	40.6	42.7	43.0	43.1	43.1	43.3	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 10000	44.0	46.6	46.9	47.2	47.2	47.3	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7
GE 9000	46.9	49.9	50.1	50.4	50.4	50.5	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9
GE 8000	50.3	53.6	54.0	54.3	54.3	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 7000	52.7	55.5	56.3	57.0	57.0	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 6000	55.4	58.2	59.0	59.4	59.4	59.7	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 5000	58.9	62.0	62.3	63.6	63.6	63.7	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 4500	60.9	64.8	66.7	66.9	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 4000	62.9	67.3	68.3	69.8	69.8	69.9	70.2	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3500	69.0	74.1	75.3	76.5	76.7	76.9	77.2	77.2	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3000	70.6	76.2	77.6	78.8	79.2	79.3	79.6	79.6	79.7	79.7	79.7	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0
GE 2500	71.1	77.0	78.6	79.8	80.2	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	72.0	78.8	80.4	81.6	82.0	82.1	82.7	82.7	82.8	82.8	82.8	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.7	83.7
GE 1800	72.6	79.4	81.0	82.3	82.7	82.8	83.3	83.3	83.5	83.5	83.5	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.8	84.8
GE 1500	73.1	80.5	82.1	83.3	83.7	83.7	84.4	84.4	84.5	84.5	84.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	87.2	87.2
GE 1200	74.1	82.1	84.0	85.5	85.9	85.9	86.2	86.7	86.7	86.7	86.8	88.2	88.2	88.6	88.6	88.6	88.6	88.6	89.2	89.2
GE 1000	74.1	82.5	84.5	86.6	87.0	87.2	87.5	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	89.2	89.2
GE 900	74.5	83.5	85.5	87.5	87.9	88.3	88.7	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.9	89.9
GE 800	74.6	84.0	86.0	88.0	88.4	88.8	89.5	90.3	90.3	90.3	90.7	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	75.8	86.4	88.4	90.5	91.3	91.8	92.5	93.3	93.3	93.3	93.7	93.7	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	76.1	87.2	89.7	91.8	92.7	93.3	94.2	95.4	95.4	95.4	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	76.1	87.2	89.7	91.8	92.7	93.4	94.5	96.0	96.0	96.0	96.4	96.4	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	76.1	87.4	89.8	91.9	93.1	94.0	95.6	97.2	97.2	97.2	97.6	97.6	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	76.2	87.5	89.9	92.1	93.4	94.2	96.1	97.8	97.8	97.8	98.3	98.3	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	76.2	87.5	89.9	92.1	93.4	94.2	96.1	98.0	98.0	98.0	98.4	98.4	98.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	76.2	87.5	89.9	92.1	93.4	94.2	96.2	98.4	98.4	98.4	98.6	98.6	98.6	99.2	99.9	99.9	99.9	99.9	99.9	99.9
GE 01	76.2	87.5	89.9	92.1	93.4	94.2	96.2	98.4	98.4	98.4	98.6	98.6	98.6	99.2	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/NAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: AUG HOURS(LS): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	31.7	32.9	32.9	33.1	33.1	33.1	33.2	33.3	33.3	33.5	33.5	33.5	33.5	33.5
GE 20000	35.1	36.6	36.6	36.7	36.7	36.7	36.8	37.1	37.2	37.2	37.2	37.2	37.2	37.2
GE 18000	35.8	37.4	37.4	37.5	37.5	37.5	37.6	37.9	38.0	38.0	38.0	38.3	38.3	38.3
GE 16000	35.8	37.4	37.4	37.5	37.5	37.5	37.6	37.9	38.0	38.0	38.0	38.3	38.3	38.3
GE 14000	36.8	38.4	38.4	38.6	38.6	38.7	39.0	39.0	39.1	39.1	39.1	39.4	39.4	39.4
GE 12000	38.6	40.2	40.2	40.5	40.5	40.6	40.9	40.9	41.0	41.0	41.0	41.3	41.3	41.3
GE 10000	44.2	45.8	45.8	46.1	46.1	46.2	46.5	46.5	46.6	46.6	46.6	46.9	46.9	46.9
GE 9000	46.0	47.6	47.6	47.8	47.8	48.0	48.3	48.3	48.4	48.4	48.4	48.7	48.7	48.7
GE 8000	50.5	52.4	52.4	53.0	53.1	53.2	53.5	53.5	53.6	53.6	53.6	53.9	53.9	53.9
GE 7000	53.0	55.0	55.0	55.5	55.6	55.8	56.0	56.0	56.2	56.2	56.2	56.5	56.5	56.5
GE 6000	56.9	58.9	58.9	59.4	59.5	59.7	59.9	59.9	60.1	60.1	60.1	60.3	60.3	60.3
GE 5000	61.6	63.6	63.6	64.4	64.7	64.8	65.1	65.1	65.2	65.2	65.2	65.5	65.5	65.5
GE 4500	63.0	65.2	65.2	66.3	66.7	66.8	67.1	67.1	67.2	67.2	67.2	67.5	67.5	67.5
GE 4000	65.6	68.5	68.5	69.8	70.2	70.3	70.6	70.6	70.7	70.7	70.7	71.0	71.0	71.0
GE 3500	69.4	73.1	73.1	74.3	74.7	74.9	75.1	75.1	75.3	75.3	75.3	75.5	75.5	75.5
GE 3000	72.3	76.6	76.6	78.0	78.4	78.5	78.8	78.8	78.9	78.9	78.9	79.2	79.2	79.2
GE 2500	73.8	78.8	78.8	80.2	80.6	80.8	81.0	81.0	81.2	81.2	81.2	81.5	81.5	81.5
GE 2000	74.7	80.4	80.4	82.3	82.9	83.1	83.3	83.3	83.5	83.5	83.5	83.7	83.7	83.7
GE 1800	75.0	80.8	80.8	82.7	83.3	83.6	83.9	83.9	84.0	84.0	84.0	84.3	84.3	84.3
GE 1500	76.5	83.2	83.2	85.1	85.9	86.2	86.4	86.4	86.6	86.6	86.6	86.8	86.8	86.8
GE 1200	78.5	85.8	85.8	88.2	89.0	89.1	89.5	89.5	89.9	89.9	89.9	90.2	90.2	90.2
GE 1000	78.8	86.2	86.2	89.2	90.3	90.5	91.0	91.3	91.4	91.4	91.4	91.7	91.7	91.7
GE 900	79.2	86.8	86.8	90.1	91.1	91.3	91.9	92.3	92.5	92.5	92.5	92.7	92.7	92.7
GE 800	79.2	87.5	87.5	90.7	91.8	91.9	92.7	93.3	93.5	93.5	93.5	93.8	93.8	93.8
GE 700	80.6	89.0	89.0	92.3	93.4	93.5	94.5	95.2	95.3	95.4	95.4	95.7	95.7	95.7
GE 600	80.6	89.5	89.5	93.5	94.9	95.0	96.0	96.9	97.0	97.2	97.2	97.4	97.4	97.4
GE 500	80.6	89.5	89.5	93.8	95.2	95.3	96.2	97.6	97.6	98.0	98.0	98.3	98.3	98.3
GE 400	80.8	90.1	90.1	94.5	95.8	96.0	96.9	98.3	98.3	98.7	98.7	98.9	98.9	98.9
GE 300	80.8	90.1	90.1	94.5	95.8	96.0	96.9	98.5	98.5	98.9	98.9	99.2	99.2	99.2
GE 200	80.8	90.2	90.2	94.6	96.0	96.1	97.0	98.9	98.9	99.2	99.3	99.6	99.6	99.6
GE 100	80.9	90.3	90.3	94.8	96.1	96.2	97.2	99.1	99.1	99.3	99.5	99.7	99.7	99.7
GE 0	80.9	90.3	90.3	94.8	96.1	96.2	97.2	99.1	99.1	99.3	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 744





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: ALL HOURS (ALL) 1800-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	1	1/2	2/3	3/4	5/8	1	1/2	3/4	5/8	1										
NO CEIL	31.2	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 2000	34.7	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	35.3	35.3	35.3	35.3
GE 1800	35.4	35.7	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	35.9	35.9	35.9	35.9
GE 1600	35.5	35.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 1400	36.3	36.6	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	36.7	36.7	36.7	36.7
GE 1200	39.4	39.7	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 1000	43.2	43.5	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 900	44.4	44.7	44.8	45.0	45.0	45.0	45.0	45.0	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 800	49.9	50.3	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 700	53.8	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 600	57.2	57.9	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 500	60.6	61.4	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 450	64.7	66.1	66.2	66.8	67.0	67.0	67.0	67.0	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 400	68.5	70.4	70.5	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 350	74.4	76.4	76.6	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 300	82.2	84.7	84.9	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 250	84.5	87.2	87.5	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 200	87.3	90.7	91.0	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 180	89.1	92.6	92.9	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 150	90.2	93.8	94.2	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 120	91.0	95.3	95.7	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 100	91.3	95.7	96.1	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 90	91.5	96.1	96.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 80	91.7	96.5	96.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 70	91.7	96.6	97.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 60	91.7	96.8	97.2	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 50	91.7	96.8	97.2	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 40	91.7	96.8	97.2	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 30	91.7	96.8	97.2	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 20	91.7	96.8	97.2	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 10	91.7	96.8	97.2	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	91.7	96.8	97.2	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 743



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS: 1515-1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	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	34.0	34.4	34.4	34.4	34.4	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 20000	37.8	38.6	38.6	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 18000	38.2	39.5	39.5	39.5	39.5	39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 16000	39.1	39.9	39.9	39.9	39.9	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 14000	39.7	40.5	40.5	40.5	40.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 12000	42.5	43.3	43.3	43.3	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 10000	48.1	48.9	48.9	48.9	48.9	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 9000	50.1	50.9	50.9	50.9	50.9	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 8000	52.6	53.4	53.4	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 7000	56.9	57.8	57.8	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 6000	61.3	62.2	62.2	62.2	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 5000	66.7	68.0	68.1	68.1	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	70.3	72.0	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	74.9	77.5	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500	79.8	82.5	82.8	82.9	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000	84.1	87.6	87.9	88.0	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2500	86.2	90.2	90.5	90.6	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	87.8	91.9	92.2	92.7	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	88.7	92.9	93.3	93.8	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	90.1	94.2	94.6	95.2	95.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	91.0	95.8	96.2	97.2	97.6	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	91.3	96.1	96.5	97.4	97.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	91.4	96.8	96.8	97.7	98.4	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	91.4	96.5	96.9	97.8	98.5	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	91.5	96.6	97.0	98.0	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	91.5	96.6	97.0	98.1	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	91.5	96.6	97.0	98.1	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	91.5	96.6	97.0	98.1	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.5	96.6	97.0	98.1	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.5	96.6	97.0	98.1	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.5	96.6	97.0	98.1	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	91.5	96.6	97.0	98.1	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: AUG HOURS: 1211-2100-2300

CEILING VISIBILITY IN STATUTE MILES

CEILING FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	35.6	37.1	37.1	37.1	37.1	37.1	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 20000	38.6	40.3	40.3	40.3	40.3	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 18000	39.4	41.4	41.5	41.5	41.5	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 16000	39.8	41.9	42.1	42.1	42.1	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 14000	39.9	42.2	42.6	42.6	42.6	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 12000	42.5	44.8	44.8	45.2	45.2	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 10000	46.6	49.6	49.6	50.0	50.0	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 9000	49.5	52.4	52.4	52.8	52.8	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 8000	53.6	56.7	56.7	57.1	57.1	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 7000	58.2	61.4	61.6	62.1	62.1	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 6000	62.0	65.2	65.3	65.9	65.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	66.8	71.2	71.4	71.9	71.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500	70.0	74.5	74.6	75.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4000	73.3	78.4	78.5	79.0	79.0	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3500	78.2	83.9	84.0	84.5	84.5	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3000	82.3	88.2	88.4	89.0	89.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	83.9	90.6	91.1	91.7	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000	85.1	93.0	93.7	94.4	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	85.1	93.0	93.7	94.4	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	85.2	93.1	93.8	94.8	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	85.6	94.0	94.8	96.5	96.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	85.8	94.1	94.9	96.8	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	85.8	94.2	95.2	97.0	97.2	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	85.8	94.2	95.3	97.2	97.3	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	85.8	94.2	95.3	97.3	97.6	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	85.9	94.5	95.6	97.6	98.0	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	85.9	94.5	95.6	97.6	98.0	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	85.9	94.5	95.6	97.6	98.0	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	85.9	94.5	95.6	97.6	98.0	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	85.9	94.5	95.6	97.6	98.0	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	85.9	94.5	95.6	97.6	98.0	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 01	85.9	94.5	95.6	97.6	98.0	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: ALL HOURS: (S) ALL

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	34.2	35.3	35.5	35.6	35.6	35.6	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 2000	37.4	38.6	38.6	39.0	39.0	39.0	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 1800	38.3	39.6	39.8	40.1	40.1	40.1	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6
GE 1600	38.5	39.8	40.1	40.4	40.4	40.4	40.7	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9
GE 1400	38.9	40.2	40.5	40.8	40.8	40.8	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3
GE 1200	41.3	42.7	42.9	43.2	43.3	43.3	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 1000	45.4	47.1	47.3	47.6	47.7	47.7	48.0	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2
GE 900	47.5	49.3	49.5	49.8	49.9	49.9	50.2	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4
GE 800	51.2	53.2	53.5	53.9	53.9	53.9	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 700	54.2	56.4	56.7	57.1	57.2	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7
GE 600	57.7	60.0	60.4	60.8	60.9	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4
GE 500	61.9	64.8	65.1	65.6	65.7	65.7	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 450	64.4	67.6	68.1	68.6	68.8	68.8	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4
GE 400	67.7	71.5	72.0	72.6	72.8	72.8	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
GE 350	72.8	77.3	77.8	78.5	78.7	78.7	79.0	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3
GE 300	76.5	81.5	82.1	82.8	83.1	83.1	83.4	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.7
GE 250	78.1	83.7	84.5	85.2	85.5	85.5	85.9	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2
GE 200	79.8	86.1	87.0	87.9	88.2	88.2	88.6	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0
GE 180	80.4	86.8	87.7	88.6	89.0	89.0	89.4	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8
GE 150	81.5	88.2	89.2	90.2	90.6	90.7	91.1	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4
GE 120	82.8	90.3	91.4	92.8	93.3	93.4	93.8	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2
GE 100	83.0	90.8	92.0	93.5	94.1	94.2	94.8	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 90	83.2	91.2	92.5	94.1	94.7	94.9	95.5	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0
GE 80	83.4	91.6	92.9	94.4	95.1	95.3	96.0	96.3	96.4	96.5	96.5	96.5	96.7	96.7	96.7
GE 70	83.7	92.2	93.5	95.2	96.0	96.2	97.0	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7
GE 60	83.8	92.5	93.9	95.7	96.7	96.9	97.8	98.3	98.4	98.5	98.6	98.6	98.7	98.7	98.7
GE 50	83.8	92.5	93.9	95.7	96.7	97.0	97.9	98.6	98.8	98.9	98.9	98.9	99.1	99.1	99.1
GE 40	83.8	92.6	94.0	95.8	97.0	97.2	98.3	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5
GE 30	83.8	92.6	94.0	95.9	97.0	97.3	98.4	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7
GE 20	83.8	92.6	94.1	95.9	97.0	97.3	98.4	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8
GE 10	83.8	92.6	94.1	95.9	97.1	97.3	98.4	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9
GE 0	83.8	92.6	94.1	95.9	97.1	97.3	98.4	99.4	99.5	99.7	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 5951

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS (ST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	1	2	3	4	5	6	10	1/4	1/2	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	33.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 20000	36.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 18000	36.0	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 16000	36.0	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 14000	36.0	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 12000	36.1	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 10000	36.7	52.4	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 9000	38.2	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 8000	40.2	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 7000	42.3	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 6000	43.2	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 5000	45.2	66.8	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 4500	48.5	71.5	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	51.0	76.0	76.6	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	53.7	79.9	80.9	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	54.8	82.4	83.5	83.7	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	55.9	84.2	85.8	85.9	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	56.9	86.5	88.0	88.1	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1800	57.5	87.2	88.8	89.0	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1500	58.0	89.0	90.8	91.5	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	58.4	90.2	92.7	93.4	94.7	94.7	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5
GE 1000	58.6	90.4	93.2	94.3	95.8	95.8	96.4	96.4	96.9	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	58.6	90.4	93.2	94.3	95.8	95.8	96.8	96.8	97.6	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	58.6	90.4	93.2	94.4	96.0	96.0	96.9	96.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	58.6	90.5	93.4	94.7	96.2	96.2	97.2	97.2	98.0	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	58.6	90.5	93.4	95.0	96.7	96.7	97.6	97.6	98.7	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	58.6	90.5	93.4	95.0	96.7	96.7	97.6	97.6	98.7	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	58.6	90.5	93.4	95.0	96.7	96.7	97.6	97.6	98.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	58.6	90.5	93.4	95.0	96.7	96.7	97.6	97.6	98.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	58.6	90.5	93.4	95.0	96.7	96.7	97.6	97.6	98.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	58.6	90.5	93.4	95.0	96.7	96.7	97.6	97.6	98.7	99.9	99.9	99.9	99.9	99.9	99.9
GE	01	58.6	90.5	93.4	95.0	96.7	97.6	97.6	98.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP MONTHS: ALL 0300-0500

CEILING VISIBILITY IN STATUTE MILES

CEILING	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	32.4	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 20000	34.6	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 18000	34.6	49.7	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 16000	34.6	49.7	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 14000	34.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 12000	35.0	50.3	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 10000	36.8	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 9000	37.8	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 8000	39.2	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 7000	41.6	61.6	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 6000	42.5	63.9	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 5000	44.6	67.8	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4500	48.3	72.0	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4000	51.9	76.4	77.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3500	54.0	79.8	81.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3000	54.0	82.7	84.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	55.2	84.0	85.9	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	55.9	85.5	88.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	56.1	85.8	88.3	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1500	56.2	87.4	90.4	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200	56.2	87.6	90.9	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	56.2	87.6	90.9	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 900	56.3	87.7	91.1	93.9	94.7	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	56.5	87.9	91.4	94.4	95.3	95.4	96.2	96.5	96.7	96.9	96.9	96.9	96.9	96.9
GE 700	56.5	87.9	91.4	94.7	95.5	95.7	96.5	96.8	96.9	97.2	97.2	97.2	97.2	97.2
GE 600	56.6	88.1	91.9	95.3	96.7	96.8	97.8	98.0	98.3	98.6	98.6	98.6	98.6	98.6
GE 500	56.6	88.3	92.1	95.4	96.8	96.9	97.9	98.2	98.5	98.7	98.7	98.7	98.7	98.7
GE 400	56.6	88.3	92.2	95.5	96.9	97.1	98.0	98.3	98.9	99.4	99.6	99.6	99.6	99.6
GE 300	56.6	88.3	92.2	95.5	96.9	97.1	98.0	98.3	98.9	99.4	99.6	99.6	99.6	99.6
GE 200	56.6	88.3	92.2	95.7	97.1	97.2	98.2	98.5	99.0	99.6	99.7	99.7	99.7	99.7
GE 100	56.6	88.3	92.2	95.7	97.4	97.5	98.5	98.7	99.3	99.9	100.0	100.0	100.0	100.0
GE 01	56.6	88.3	92.2	95.7	97.4	97.5	98.5	98.7	99.3	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH  
 USAFET/C  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	1/10	1/8	1/4	1/2	3/4	1	1 1/4	1 1/2	2	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	34.4	36.0	36.0	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 20000	37.0	38.8	38.8	38.9	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 18000	37.3	39.1	39.1	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 16000	37.4	39.2	39.2	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 14000	37.6	39.4	39.4	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 12000	38.7	40.6	40.6	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 10000	40.6	43.0	43.0	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 9000	42.1	44.5	44.5	44.6	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 8000	44.4	46.9	46.9	47.0	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 7000	49.0	51.7	51.7	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 6000	50.9	54.0	54.0	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 5000	55.5	59.0	59.0	59.7	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 4500	60.6	64.7	64.7	65.4	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4000	66.6	71.6	71.6	72.7	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3500	69.5	75.2	75.2	76.5	76.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	70.7	77.2	77.2	78.6	79.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2500	72.7	79.6	79.6	81.1	81.5	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	74.7	82.1	82.1	83.9	84.6	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	75.4	83.0	83.0	84.8	85.5	87.3	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	75.9	84.4	84.4	86.5	87.3	90.0	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	76.4	85.0	85.0	87.6	88.5	91.5	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	76.6	85.3	85.3	88.2	89.2	92.8	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 900	76.8	85.7	85.7	88.7	89.0	93.0	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 800	77.1	86.1	86.1	89.2	90.1	93.9	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 700	77.1	86.1	86.1	89.4	90.4	94.2	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	77.1	86.2	86.2	89.7	90.7	94.6	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	77.1	86.2	86.2	89.7	90.7	94.7	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 400	77.1	86.2	86.2	89.7	90.7	94.7	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 300	77.1	86.2	86.2	89.7	90.7	94.7	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 200	77.1	86.2	86.2	90.0	91.1	95.0	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 100	77.1	86.2	86.2	90.0	91.1	95.1	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 0	77.1	86.2	86.2	90.0	91.1	95.1	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS: 719

GLOBAL CLIPATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBERS 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: SEP MONTHS: SEP HOURS: 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	GE	
AC CEIL	33.1	34.2	34.4	34.4	34.6	34.6	34.6	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 20000	37.2	38.3	38.6	38.6	38.8	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.2	39.2	39.2
GE 18000	37.9	39.0	39.3	39.3	39.4	39.4	39.4	39.7	39.7	39.7	39.7	39.7	39.9	39.9	39.9
GE 16000	38.1	39.2	39.4	39.4	39.6	39.6	39.6	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0
GE 14000	38.5	39.6	39.9	39.9	40.0	40.0	40.0	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4
GE 12000	40.0	41.1	41.4	41.4	41.5	41.5	41.5	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9
GE 10000	42.5	44.2	44.4	44.4	44.6	44.6	44.6	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0
GE 9000	44.4	46.3	46.5	46.5	46.7	46.7	46.7	46.9	46.9	46.9	46.9	46.9	47.1	47.1	47.1
GE 8000	47.2	49.0	49.3	49.3	49.4	49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.9	49.9	49.9
GE 7000	50.0	52.1	52.4	52.4	52.5	52.5	52.5	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9
GE 6000	52.6	54.7	55.1	55.1	55.3	55.3	55.3	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8
GE 5000	55.6	58.1	58.5	58.5	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6
GE 4500	61.4	63.9	64.3	64.4	64.9	64.9	64.9	65.3	65.3	65.3	65.3	65.4	65.6	65.6	65.6
GE 4000	67.4	70.3	70.7	71.0	71.5	71.5	71.5	71.9	71.9	71.9	71.9	72.1	72.2	72.2	72.2
GE 3500	71.4	74.4	74.9	75.1	76.0	76.0	76.0	76.4	76.4	76.4	76.4	76.5	76.7	76.7	76.7
GE 3000	73.2	76.7	77.1	77.4	78.2	78.2	78.2	79.2	79.2	79.2	79.2	79.4	79.6	79.6	79.6
GE 2500	75.1	79.0	79.4	79.9	80.7	80.7	80.8	81.8	81.8	81.8	81.8	82.1	82.2	82.2	82.2
GE 2000	77.2	82.4	83.2	84.0	85.6	85.7	86.1	86.7	86.7	86.7	86.8	86.9	87.1	87.1	87.1
GE 1800	77.6	83.2	84.2	85.0	86.9	87.1	87.5	88.1	88.1	88.2	88.3	88.3	88.5	88.5	88.5
GE 1500	78.8	84.7	85.7	86.5	88.8	89.0	89.6	90.3	90.3	90.4	90.6	90.6	90.7	90.7	90.7
GE 1200	79.3	85.7	86.9	88.1	90.3	90.6	91.4	92.2	92.2	92.4	92.5	92.5	92.6	92.6	92.6
GE 1000	80.0	86.4	87.6	88.8	91.1	91.4	92.5	93.3	93.3	93.5	93.6	93.6	93.8	93.8	93.8
GE 900	80.1	86.5	87.8	88.9	91.4	91.7	92.8	93.6	93.6	93.8	93.9	93.9	94.0	94.0	94.0
GE 800	80.4	87.2	88.6	89.9	92.4	92.6	93.9	94.9	95.0	95.1	95.4	95.4	95.6	95.6	95.6
GE 700	80.6	87.5	88.9	90.1	92.8	93.2	94.4	95.6	95.8	96.0	96.5	96.5	96.7	96.7	96.7
GE 600	80.8	87.9	89.7	91.1	93.9	94.3	95.7	96.9	97.2	97.4	97.9	97.9	98.1	98.1	98.1
GE 500	80.8	87.9	89.7	91.1	94.2	94.6	96.0	97.4	97.8	97.9	98.3	98.5	98.6	98.6	98.6
GE 400	80.8	87.9	89.7	91.1	94.2	94.6	96.0	97.4	97.8	97.9	98.5	98.6	98.9	99.0	99.0
GE 300	80.8	88.2	90.0	91.4	94.4	94.9	96.3	97.6	98.1	98.2	98.8	98.9	99.2	99.3	99.3
GE 200	80.8	88.3	90.3	91.7	94.7	95.1	96.5	98.1	98.5	98.6	99.3	99.4	99.7	99.9	99.9
GE 100	80.8	88.3	90.3	91.7	94.7	95.1	96.5	98.1	98.5	98.6	99.4	99.6	99.9	100.0	100.0
GE 0	80.8	88.3	90.3	91.7	94.7	95.1	96.5	98.1	98.5	98.8	99.4	99.6	99.9	100.0	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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK  
 PERIOD OF RECORD: 77-84  
 MONTH: SEP HOURS(LSI): 1200-1400

CEILING	VISIBILITY IN STATUTE MILES											
	1	1/2	1/4	1	3/4	5/8	1/2	5/16	1/4	0	0	0
NC CEIL	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 20000	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 18000	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 16000	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 14000	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 12000	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 10000	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 9000	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 8000	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 7000	51.9	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 6000	54.4	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 5000	57.5	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4500	62.2	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 4000	68.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 3500	74.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	76.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2500	78.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000	80.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1800	81.1	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1500	81.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1200	82.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1000	82.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 900	83.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 800	83.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 700	84.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 600	84.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 500	84.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 400	84.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 300	84.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 200	84.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 100	84.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 0	84.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1

TOTAL NUMBER OF OBSERVATIONS: 720



GLOBAL CLIMATOLOGY BRANCH  
 LSAFETAC  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING IN FEET

VISIBILITY IN STATUTE MILES

10 6 5 4 3 2 1/2 1 1/2 1 1/4 1 3/4 1/2 5/8 1/4 0

CEILING IN FEET	10	6	5	4	3	2	1/2	1	1/2	1	1/4	1	3/4	1/2	5/8	1/4	0
AC CEIL	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	34.7	34.7	34.7	34.7
GE 20000	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 18000	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 16000	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 14000	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	40.8	40.8
GE 12000	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 10000	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	44.6	44.6
GE 9000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 8000	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 7000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 6000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 5000	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 4500	63.8	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 4000	68.6	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3500	75.7	76.7	77.2	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 3000	78.3	79.7	80.6	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	81.5	83.5	84.4	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	83.6	86.7	87.6	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	84.0	87.1	88.1	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1500	84.4	88.3	89.4	90.8	92.4	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	85.0	89.7	91.0	92.4	93.9	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	85.3	90.1	91.7	93.1	94.7	95.0	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	85.6	90.7	92.2	93.6	95.4	95.7	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	85.7	91.0	92.6	94.0	95.8	96.1	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	85.8	91.4	93.1	94.4	96.3	96.5	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	85.8	91.5	93.3	94.7	96.5	96.8	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	85.8	91.5	93.3	94.7	96.5	96.8	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	85.8	91.5	93.3	94.7	96.5	96.8	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	85.8	91.5	93.3	94.7	96.5	96.8	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 200	85.8	91.5	93.5	94.9	96.8	97.1	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 100	85.8	91.5	93.5	94.9	96.8	97.1	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE	85.8	91.5	93.5	94.9	96.8	97.1	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 7G1730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: SEP HOURS(IST): 1800-2000

CEILING VISIBILITY IN STATUTE MILES

IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 10	GE 1/4	GE 1/2	GE 5/8	GE 1 1/4	GE 1 1/2	GE 3/4	GE 1/2	GE 5/16	GE 1/4	GE	
NO CEIL	36.2	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	36.7	36.7	36.7
GE 20000	40.1	40.9	40.9	40.9	40.9	40.9	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 18000	41.6	42.4	42.4	42.4	42.4	42.4	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 17000	41.6	42.4	42.4	42.4	42.4	42.4	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 16000	42.4	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 15000	44.1	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 14000	46.3	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 13000	48.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 12000	50.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 11000	54.1	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	55.5	55.5	55.5	55.5
GE 10000	55.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 9000	59.7	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 8000	63.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 7000	71.1	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 6000	76.1	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	78.9	82.5	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4000	80.3	84.3	84.6	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3000	82.8	87.5	88.3	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	82.9	88.0	89.0	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1500	83.3	89.6	91.2	91.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000	84.0	90.8	93.0	93.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	84.0	90.8	93.3	94.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	84.1	91.0	93.5	94.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 400	84.4	91.7	94.2	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 200	84.4	91.8	94.3	95.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 100	84.4	92.1	94.6	95.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 80	84.4	92.1	94.6	95.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 60	84.6	92.2	94.7	95.8	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 40	84.6	92.2	94.7	95.8	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 20	84.7	92.4	94.9	96.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 10	84.7	92.4	94.9	96.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS: 719

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: SEP HOURS(UT): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE	0
NC CEIL	37.1	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	41.0
GE 20000	39.2	44.2	44.2	44.2	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 18000	40.3	45.3	45.3	45.3	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 16000	40.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 14000	41.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 12000	41.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 10000	42.1	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	48.5	48.5
GE 9000	43.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 8000	45.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 7000	48.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 6000	49.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 5000	53.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 4500	57.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	62.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500	65.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3000	66.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	67.6	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	68.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	69.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	71.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	71.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000	71.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	71.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	71.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 700	71.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	71.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 500	71.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 400	71.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 300	71.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 200	71.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 100	71.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 0	71.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: SEP HOURS(LST): ALL

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	34.6	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	35.0	39.0	39.0	39.0	39.0
GE 20000	37.7	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 18000	38.6	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6
GE 16000	38.7	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 14000	39.0	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 12000	40.0	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2
GE 10000	41.7	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6
GE 9000	43.1	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 8000	45.4	51.5	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 7000	48.7	55.4	55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 6000	50.5	57.7	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 5000	53.7	61.9	62.2	62.3	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 4500	58.2	66.9	67.2	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7
GE 4000	63.4	73.0	73.5	73.7	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
GE 3500	67.5	77.8	78.5	78.9	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	69.2	80.4	81.2	81.6	82.1	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	70.9	82.4	83.5	84.0	84.5	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2000	72.6	85.1	86.3	87.0	87.9	88.0	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	73.0	85.8	87.1	87.8	88.9	88.9	89.0	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4
GE 1500	73.7	87.3	88.9	89.9	91.4	91.6	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1200	74.2	88.4	90.3	91.4	93.0	93.2	93.6	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	74.3	88.7	90.8	92.2	93.9	94.1	94.6	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	74.5	89.0	91.1	92.5	94.3	94.5	95.2	95.8	96.2	96.3	96.4	96.4	96.4	96.4	96.4
GE 800	74.7	89.4	91.6	93.1	94.9	95.1	95.9	96.5	97.0	97.2	97.2	97.2	97.3	97.3	97.3
GE 700	74.8	89.7	91.9	93.4	95.3	95.5	96.3	97.0	97.1	97.6	97.8	97.8	97.9	97.9	97.9
GE 600	74.8	89.9	92.3	93.9	95.8	96.0	96.9	97.7	97.8	98.4	98.6	98.7	98.7	98.7	98.7
GE 500	74.8	89.9	92.3	94.0	95.9	96.2	97.0	97.8	98.0	98.6	98.8	98.9	98.9	98.9	98.9
GE 400	74.9	90.0	92.4	94.1	96.1	96.3	97.2	98.0	98.1	98.9	99.2	99.4	99.4	99.4	99.4
GE 300	74.9	90.0	92.5	94.1	96.2	96.4	97.3	98.1	98.3	99.1	99.4	99.5	99.5	99.6	99.6
GE 200	74.9	90.1	92.6	94.2	96.4	96.6	97.5	98.3	98.5	99.3	99.6	99.7	99.8	99.8	99.8
GE 100	74.9	90.1	92.6	94.2	96.4	96.6	97.6	98.4	98.5	99.4	99.7	99.9	99.9	99.9	99.9
GE 01	74.9	90.1	92.6	94.2	96.4	96.6	97.6	98.4	98.5	99.4	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 5749

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS: 11L 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	10	6	5	4	3	2	1 1/2	1	3/4	1/2	1/4	
NO CEIL	29.0	37.0	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 2000	29.7	38.0	38.3	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 1800	30.6	39.7	39.9	40.1	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 1600	30.6	39.7	39.9	40.1	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 1400	30.6	39.7	39.9	40.1	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 1200	30.9	40.7	41.0	41.1	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 1000	31.7	42.2	42.7	42.9	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 900	32.5	43.3	43.8	44.1	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 800	34.8	46.0	46.5	46.8	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 700	37.4	49.6	50.1	50.4	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 600	38.2	50.8	51.5	51.7	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 500	39.9	55.8	56.5	56.7	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 450	41.7	59.1	59.9	60.5	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 400	44.2	64.7	65.7	66.7	67.9	68.4	68.5	68.5	68.5	68.5	68.5	68.5
GE 350	45.6	67.1	68.5	69.6	71.2	71.8	71.9	71.9	71.9	71.9	71.9	71.9
GE 300	45.7	67.9	69.5	71.4	73.1	73.7	73.8	73.8	73.8	73.8	73.8	73.8
GE 250	46.6	69.9	71.6	73.8	75.8	76.7	76.9	76.9	76.9	76.9	76.9	76.9
GE 200	47.8	72.8	74.6	76.7	78.8	80.2	80.4	80.4	80.4	80.4	80.4	80.4
GE 180	48.3	74.1	75.9	78.2	80.4	82.3	82.4	82.5	82.5	82.5	82.5	82.5
GE 150	49.2	75.4	78.5	81.3	84.7	86.7	87.1	87.4	87.5	87.5	87.5	87.5
GE 120	49.9	76.6	80.2	83.6	87.6	90.3	90.9	91.3	92.3	92.6	92.6	92.6
GE 100	49.9	76.9	80.6	84.1	88.3	91.4	91.9	92.5	94.5	94.9	94.9	94.9
GE 900	49.9	77.2	80.9	84.5	88.7	92.5	93.3	93.8	95.7	96.1	96.4	96.6
GE 800	49.9	77.2	80.9	84.8	89.1	92.9	94.1	94.8	96.8	97.2	97.4	97.7
GE 700	50.3	77.6	81.3	85.2	89.8	93.7	94.9	95.6	97.6	98.0	98.3	98.5
GE 600	50.3	77.6	81.6	85.5	90.2	94.2	95.4	96.1	98.1	98.5	99.1	99.1
GE 500	50.3	77.7	81.7	85.6	90.3	94.5	95.7	96.4	98.4	98.8	99.1	99.6
GE 400	50.3	77.7	81.9	85.9	90.6	94.8	96.0	96.6	98.7	99.1	99.5	99.6
GE 300	50.3	77.7	81.9	85.9	90.6	94.8	96.0	96.6	98.7	99.1	99.5	99.6
GE 200	50.3	77.7	81.9	85.9	90.6	94.8	96.0	96.6	98.7	99.1	99.5	99.6
GE 100	50.3	77.7	81.9	85.9	90.6	94.8	96.0	96.6	98.7	99.1	99.5	99.6
GE 0	50.3	77.7	81.9	85.9	90.6	94.8	96.0	96.6	98.7	99.1	99.5	99.6

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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AM

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS: 1511 0300-0500

CEILING VISIBILITY IN STATUTE MILES

IN FEET	GE 10	GE 6	GE 5	GE 4	GE 2 1/2	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE
NO CEIL	27.3	37.4	37.5	37.0	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 20000	27.6	37.6	37.8	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 18000	28.0	38.3	38.4	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 16000	28.0	38.3	38.4	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 14000	28.0	38.3	38.4	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 12000	28.0	38.4	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 10000	28.6	40.1	40.3	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 9000	29.6	41.0	41.3	41.5	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 8000	31.7	43.5	43.8	44.1	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 7000	33.7	46.5	46.8	47.0	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 6000	34.8	48.0	48.7	48.9	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 5000	36.0	51.9	52.8	53.2	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 4500	38.3	54.6	55.8	56.2	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 4000	41.9	60.9	62.4	63.0	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 3500	44.0	65.3	67.5	68.5	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3000	44.2	67.7	69.9	71.0	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 2500	44.6	68.7	71.0	72.3	73.8	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 2000	46.2	71.6	74.7	76.3	77.7	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 1800	46.5	73.4	76.7	78.1	79.7	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1500	47.7	75.0	79.0	81.2	83.3	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1200	48.0	76.3	80.9	83.5	86.7	88.4	89.2	89.4	90.2	90.5	90.5	90.5	90.5	90.5
GE 1000	48.0	76.3	80.9	83.7	87.2	89.5	90.3	90.7	93.0	93.3	93.3	93.3	93.3	93.3
GE 900	48.0	76.5	81.0	84.0	87.9	91.1	92.3	92.7	95.2	95.4	95.4	95.4	95.4	95.4
GE 800	48.0	76.6	81.3	84.4	88.4	91.7	93.0	93.4	95.8	96.1	96.1	96.2	96.2	96.2
GE 700	48.4	77.0	81.7	84.8	89.8	92.2	94.6	94.6	97.0	97.3	97.4	97.6	97.6	97.6
GE 600	48.4	77.2	82.6	85.2	89.2	93.0	94.6	95.0	97.4	97.7	97.8	98.0	98.0	98.0
GE 500	48.4	77.3	82.4	85.6	89.7	93.7	95.3	95.7	98.1	98.4	98.5	98.7	98.7	98.7
GE 400	48.4	77.3	82.5	85.9	89.9	94.0	95.6	96.0	98.4	98.9	99.1	99.9	99.9	99.9
GE 300	48.4	77.3	82.5	85.9	89.9	94.0	95.7	96.1	98.5	99.1	99.2	100.0	100.0	100.0
GE 200	48.4	77.3	82.5	85.9	89.9	94.0	95.7	96.1	98.5	99.1	99.2	100.0	100.0	100.0
GE 100	48.4	77.3	82.5	85.9	89.9	94.0	95.7	96.1	98.5	99.1	99.2	100.0	100.0	100.0
GE 0	48.4	77.3	82.5	85.9	89.9	94.0	95.7	96.1	98.5	99.1	99.2	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK  
 PERIOD OF RECORD: 77-84  
 MONTH: OCT HOURS: 11:00-0000

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 1/4	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 0
NC CEIL	26.1	31.2	31.3	31.3	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 20000	26.9	32.0	32.1	32.1	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 18000	27.8	32.9	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 16000	27.8	32.9	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 14000	27.8	32.9	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 12000	28.1	33.2	33.3	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 10000	28.8	34.1	34.3	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 9000	29.7	35.1	35.2	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 8000	31.2	36.7	36.8	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 7000	32.7	38.8	39.0	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 6000	33.6	39.9	40.3	40.6	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 5000	36.6	44.1	44.5	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 4500	39.9	47.8	48.2	48.5	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 4000	45.6	55.6	56.2	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 3500	48.4	59.7	60.8	61.8	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 3000	50.3	63.4	64.5	65.7	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 2500	51.2	66.8	68.3	69.8	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 2000	54.0	71.5	73.4	75.4	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1800	54.7	73.5	75.9	78.1	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1500	55.4	75.4	78.4	80.8	83.6	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	56.0	76.6	80.2	83.5	86.7	88.2	88.4	88.6	88.8	88.8	88.8	88.8	88.8
GE 1000	56.3	76.9	80.8	84.5	88.0	88.2	88.4	88.6	88.8	88.8	88.8	88.8	88.8
GE 900	56.6	77.3	81.6	85.3	88.8	89.0	89.2	89.4	89.6	89.6	89.6	89.6	89.6
GE 800	56.6	77.4	81.7	85.5	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 700	57.0	78.0	82.5	86.4	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 600	57.0	78.1	82.7	86.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 500	57.0	78.1	83.1	87.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 400	57.0	78.1	83.1	87.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 300	57.0	78.1	83.1	87.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 200	57.0	78.1	83.1	87.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 100	57.0	78.2	83.2	87.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 0	57.0	78.2	83.2	87.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4

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 NUMBLR: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: OCT HOURS(LST): 0900-1100

CEILING VISIBILITY IN STATUTE MILES

IN FEET	GE 1C	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	26.6	27.0	27.0	27.2	27.3	27.3	27.4	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 20000	27.8	28.2	28.2	28.4	28.5	28.5	28.6	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 18000	28.2	28.6	28.6	28.8	28.9	29.0	29.0	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 16000	28.6	28.8	28.8	28.9	29.0	29.0	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 14000	28.4	28.8	28.8	29.0	29.2	29.2	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 12000	29.2	29.6	29.7	29.8	30.0	30.0	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 10000	31.6	32.3	32.4	32.5	32.7	32.7	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 9000	32.5	33.2	33.3	33.5	33.6	33.6	33.7	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 8000	35.2	36.0	36.2	36.4	36.6	36.6	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 7000	37.9	38.8	39.0	39.2	39.4	39.4	39.5	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 6000	39.8	40.7	40.9	41.1	41.3	41.3	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 5000	44.1	45.3	45.7	46.1	46.4	46.4	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 4500	46.1	47.4	47.8	48.3	48.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 4000	50.4	52.4	52.6	53.5	53.9	53.9	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 3500	54.6	57.0	57.7	58.7	59.5	59.8	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 3000	57.4	60.9	61.6	62.6	64.1	64.5	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 2500	60.5	64.9	66.3	67.5	69.2	70.3	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 2000	62.8	68.0	70.0	71.4	74.1	75.7	76.1	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 1800	63.8	69.6	71.9	73.8	76.6	77.0	78.4	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1500	66.3	72.7	75.1	77.4	81.0	83.2	83.7	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1200	68.3	76.1	78.8	81.6	85.8	86.7	89.5	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	68.4	76.2	78.9	81.9	86.3	87.2	90.5	91.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 900	69.0	76.9	79.6	82.7	87.2	88.2	91.5	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	69.2	77.2	79.8	82.9	87.8	88.7	92.5	94.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	69.5	77.4	80.1	83.2	88.0	89.0	92.7	94.6	95.8	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	69.6	77.6	80.4	83.6	88.4	89.4	93.1	95.2	96.5	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	69.8	77.7	80.5	83.7	88.6	89.5	93.3	95.4	96.8	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	69.9	77.8	80.6	83.9	88.7	89.7	93.4	95.6	97.0	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	70.0	78.0	80.8	84.0	88.8	89.8	93.7	96.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 200	70.0	78.1	80.9	84.1	89.0	89.9	93.8	96.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 100	70.0	78.1	80.9	84.1	89.0	89.9	93.8	96.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 01	70.0	78.1	80.9	84.1	89.0	89.9	93.8	96.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS: 744



GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTHS: OCT HOURS: (LST): 1200-1400

CEILING VISIBILITY IN STATUTE MILES

IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	28.8	29.2	29.3	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.7	29.7	29.7
GE 20000	30.9	31.5	31.6	31.7	31.9	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0
GE 18000	31.3	31.9	32.0	32.1	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4
GE 16000	31.3	31.9	32.0	32.1	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4
GE 14000	31.5	32.0	32.1	32.3	32.4	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5
GE 12000	32.1	32.7	32.8	32.9	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2
GE 10000	34.7	35.5	35.8	36.0	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3
GE 9000	37.0	37.8	38.0	38.3	38.4	38.4	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.6
GE 8000	39.8	41.0	41.3	41.5	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8
GE 7000	42.7	44.0	44.5	44.8	44.9	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0
GE 6000	45.7	47.3	47.6	47.8	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1
GE 5000	49.3	51.5	51.9	52.2	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4
GE 4500	49.9	52.2	52.6	52.8	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1
GE 4000	55.4	58.7	59.8	61.1	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
GE 3500	59.5	63.4	64.7	64.9	65.6	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0
GE 3000	60.8	65.2	66.5	67.1	68.4	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
GE 2500	64.7	70.3	72.4	73.0	74.6	75.0	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 2000	66.1	73.3	75.7	76.9	79.4	80.2	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9
GE 1800	66.3	73.5	76.2	77.8	80.5	80.9	81.7	82.1	82.5	82.5	82.5	82.5	82.5	82.5
GE 1500	67.5	75.1	78.0	79.7	83.1	83.5	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	68.4	77.7	81.2	83.2	87.4	88.2	89.4	90.3	90.9	91.1	91.1	91.3	91.3	91.3
GE 1000	69.0	78.2	81.7	83.7	88.2	89.1	91.0	92.5	93.0	93.3	93.3	93.5	93.5	93.5
GE 900	69.2	78.8	82.3	84.3	88.8	89.9	91.9	93.5	94.1	94.4	94.4	94.6	94.6	94.6
GE 800	70.2	79.7	83.2	85.2	89.8	90.9	92.9	94.6	95.6	95.8	95.8	96.1	96.1	96.1
GE 700	70.4	80.1	83.6	85.6	90.3	91.4	93.5	95.7	96.6	96.9	96.9	97.2	97.2	97.2
GE 600	70.6	80.4	84.0	86.0	90.7	91.8	94.4	96.5	97.6	98.0	98.0	98.3	98.3	98.3
GE 500	70.6	80.4	84.1	86.2	90.9	91.9	94.5	96.6	97.7	98.1	98.1	98.4	98.4	98.4
GE 400	71.0	80.8	84.5	86.6	91.3	92.3	94.9	97.0	98.1	98.7	98.7	99.1	99.1	99.1
GE 300	71.0	80.8	84.5	86.6	91.3	92.7	95.0	97.3	98.4	98.9	98.9	99.3	99.3	99.3
GE 200	71.0	80.8	84.5	86.6	91.3	92.3	95.0	97.3	98.5	99.1	99.1	99.7	99.7	99.7
GE 100	71.0	80.8	84.5	86.6	91.3	92.3	95.0	97.3	98.5	99.1	99.1	99.7	99.7	99.7
GE 0	71.0	80.8	84.5	86.6	91.3	92.3	95.0	97.3	98.5	99.1	99.1	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTHS OCT HOURS(LSI): 1500-1700

CEILING VISIBILITY IN STATUTE MILES

IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	28.9	28.9	28.9	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 20000	33.1	33.5	33.5	33.7	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 18000	33.7	34.1	34.1	34.4	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 16000	33.7	34.1	34.1	34.4	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 14000	33.7	34.1	34.1	34.4	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 12000	34.5	34.9	34.9	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 10000	36.6	37.0	37.0	37.2	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 9000	38.8	39.4	39.4	39.7	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 8000	41.5	42.6	42.6	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 7000	44.5	45.7	45.7	46.1	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 6000	46.1	47.3	47.3	47.7	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 5000	49.9	50.8	51.5	52.0	52.0	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4
GE 4500	51.5	52.8	53.5	54.0	54.0	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4
GE 4000	57.9	59.9	60.8	61.0	61.7	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1
GE 3500	62.2	64.7	65.7	66.8	66.8	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2
GE 3000	63.0	65.7	67.3	67.7	69.4	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0
GE 2500	65.9	69.2	71.1	71.8	73.5	74.3	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7
GE 2000	67.1	71.6	73.9	74.9	76.6	77.0	78.6	78.6	78.6	78.9	78.9	79.0	79.0	79.0
GE 1800	67.6	72.6	75.3	76.2	78.0	79.6	80.1	80.1	80.2	80.4	80.4	80.5	80.5	80.5
GE 1500	69.3	75.3	78.0	79.0	81.5	83.3	84.4	84.4	84.9	85.1	85.1	85.2	85.2	85.2
GE 1200	72.0	78.1	81.2	82.4	85.3	85.9	87.6	87.6	89.1	89.8	89.8	89.9	89.9	89.9
GE 1000	72.4	78.8	82.0	83.2	86.2	86.7	89.2	91.3	92.1	92.2	92.2	92.3	92.3	92.3
GE 900	73.3	80.0	83.2	84.4	87.4	87.9	90.6	92.9	93.8	94.0	94.0	94.2	94.2	94.2
GE 800	74.6	81.9	85.1	86.3	89.2	89.9	92.9	95.6	96.8	96.9	96.9	97.2	97.2	97.2
GE 700	74.6	81.9	85.1	86.6	89.7	90.3	93.3	96.1	97.4	97.6	97.6	97.8	97.8	97.8
GE 600	74.6	81.9	85.1	86.6	90.1	90.7	93.7	96.5	98.0	98.1	98.1	98.5	98.5	98.5
GE 500	75.0	82.3	85.8	87.2	90.7	91.4	94.4	97.2	98.7	98.8	98.8	99.2	99.2	99.2
GE 400	75.0	82.5	86.0	87.5	91.0	91.7	94.8	97.6	99.1	99.3	99.3	99.7	99.7	99.7
GE 300	75.0	82.5	86.0	87.5	91.0	91.7	94.8	97.6	99.1	99.3	99.3	99.7	99.7	99.7
GE 200	75.0	82.5	86.0	87.5	91.0	91.7	94.8	97.6	99.1	99.3	99.3	99.7	99.7	99.7
GE 100	75.0	82.5	86.0	87.5	91.0	91.7	94.8	97.6	99.1	99.3	99.3	99.7	99.7	99.7
GE 0	75.0	82.5	86.0	87.5	91.0	91.7	94.8	97.6	99.1	99.3	99.3	99.7	99.7	99.7

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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING VISIBILITY IN STATUTE MILES

CEILING FEET	VISIBILITY IN STATUTE MILES														
	30	6	5	4	3	2 1/2	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	27.5	31.3	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 20000	28.8	33.0	33.2	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 18000	30.1	34.5	34.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 16000	30.2	34.6	34.8	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 14000	30.2	34.6	34.8	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	30.6	35.2	35.3	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 10000	32.2	37.3	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 9000	33.7	39.4	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 8000	36.9	43.1	43.4	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 7000	39.6	47.0	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 6000	41.2	49.1	49.5	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 5000	43.3	51.5	51.9	52.3	53.1	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4
GE 4500	44.9	53.8	54.3	54.9	55.7	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
GE 4000	49.5	60.6	61.5	62.0	62.8	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1
GE 3500	52.0	63.7	64.6	65.2	66.0	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
GE 3000	52.3	64.6	65.5	66.6	67.4	67.5	67.5	67.5	67.5	67.7	67.8	67.8	67.8	67.8	67.8
GE 2500	53.6	67.3	68.5	69.9	71.3	72.1	72.2	72.2	72.2	72.4	72.8	72.8	72.8	72.8	72.8
GE 2000	55.7	71.2	72.8	74.5	76.1	76.3	76.4	76.4	76.4	78.4	79.0	79.0	79.0	79.0	79.0
GE 1800	56.9	73.5	75.3	77.5	79.1	79.2	81.3	81.5	81.5	81.7	82.1	82.1	82.1	82.1	82.1
GE 1500	58.6	76.1	78.0	80.6	82.7	82.9	85.0	85.3	85.3	85.4	85.8	85.8	85.8	85.8	85.8
GE 1200	59.0	77.5	79.4	82.3	85.6	85.7	88.0	88.7	88.8	89.2	90.0	90.0	90.0	90.0	90.0
GE 1000	59.0	77.8	79.6	82.6	86.0	86.1	88.9	90.3	90.4	91.2	92.2	92.2	92.3	92.3	92.3
GE 900	59.4	78.3	80.2	83.2	87.1	87.2	90.3	91.9	92.0	93.0	93.9	93.9	94.5	94.5	94.5
GE 800	60.4	79.2	81.1	84.2	88.1	88.3	91.5	93.4	93.5	94.9	95.8	95.8	96.4	96.4	96.4
GE 700	60.5	79.4	81.3	84.4	88.3	88.4	91.6	93.9	94.1	95.4	96.4	96.4	97.0	97.0	97.0
GE 600	61.2	80.1	81.9	85.0	88.9	89.1	92.3	94.7	94.9	96.5	97.4	97.4	98.2	98.2	98.2
GE 500	61.2	80.1	81.9	85.0	88.9	89.1	92.3	94.7	94.9	96.5	97.4	97.4	98.2	98.2	98.2
GE 400	61.2	80.1	81.9	85.2	89.1	89.2	92.9	95.3	95.4	96.5	97.8	97.8	98.7	98.7	98.7
GE 300	61.2	80.1	81.9	85.2	89.1	89.2	92.9	95.3	95.4	96.5	97.8	97.8	98.7	98.7	98.7
GE 200	61.2	80.1	81.9	85.2	89.1	89.2	92.9	95.3	95.4	96.5	97.8	97.8	98.7	98.7	98.7
GE 100	61.2	80.1	81.9	85.2	89.1	89.2	92.9	95.3	95.4	96.5	97.8	97.8	98.7	98.7	98.7
GE 0	61.2	80.1	81.9	85.2	89.1	89.2	92.9	95.3	95.4	96.5	97.8	97.8	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 742

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7G1730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET VISIBILITY IN STATUTE MILES

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	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	GE
NO CEIL	26.6	35.1	35.1	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 20000	26.9	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1
GE 18000	27.6	37.8	38.0	38.0	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.3
GE 16000	27.7	38.2	38.4	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7
GE 14000	27.7	38.2	38.4	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7
GE 12000	27.7	38.4	38.4	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.0	39.0
GE 10000	28.2	40.6	40.7	41.0	41.0	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.7	41.7
GE 9000	29.2	41.9	42.2	42.5	42.5	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1
GE 8000	32.4	45.8	46.1	46.4	46.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0
GE 7000	33.7	48.4	48.7	49.2	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.9	49.9	49.9
GE 6000	35.5	50.8	51.2	51.9	52.0	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7
GE 5000	37.0	54.3	54.7	55.4	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5
GE 4500	39.0	57.9	58.3	59.0	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
GE 4000	41.9	63.6	64.0	64.7	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.4	66.4	66.4
GE 3500	43.3	66.0	66.5	67.7	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.5	69.5	69.5
GE 3000	44.0	68.0	68.7	70.0	71.4	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3
GE 2500	45.0	71.0	71.8	73.5	75.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6
GE 2000	45.6	73.4	74.5	76.3	78.2	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8
GE 1800	46.2	75.0	76.3	78.4	80.2	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9
GE 1500	47.8	77.6	79.0	81.9	84.4	86.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6
GE 1200	48.8	79.3	81.0	84.1	87.5	90.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	92.2	92.2	92.2
GE 1000	48.9	79.8	81.7	85.1	89.2	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	94.8	94.8	94.8
GE 900	48.9	80.2	82.1	85.5	89.7	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	95.0	95.0	95.0
GE 800	49.1	80.4	82.3	85.8	90.1	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	96.2	96.2	96.2
GE 700	49.2	80.5	82.4	85.9	90.2	93.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	96.8	96.8	96.8
GE 600	49.5	80.8	82.7	86.2	90.6	94.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	97.3	97.3	97.3
GE 500	49.5	80.8	82.7	86.2	90.6	94.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	98.0	98.0	98.0
GE 400	49.5	80.9	82.8	86.3	90.9	94.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	98.4	98.4	98.4
GE 300	49.5	80.9	82.8	86.3	90.9	94.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	98.4	98.4	98.4
GE 200	49.5	80.9	82.8	86.3	90.9	94.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	98.4	98.4	98.4
GE 100	49.5	80.9	82.8	86.3	90.9	94.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	98.4	98.4	98.4
GE 0	49.5	80.9	82.8	86.3	90.9	94.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
 MONTHS: OCT MONTHS(LIST): ALL

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	27.6	32.1	32.2	32.4	32.5	32.5	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 20000	29.0	33.8	33.9	34.1	34.2	34.2	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 18000	29.7	34.7	34.8	35.0	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 16000	29.7	34.8	34.9	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 14000	29.7	34.8	34.9	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 12000	30.1	35.4	35.5	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 10000	31.5	37.4	37.6	37.8	37.9	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 9000	32.9	38.9	39.1	39.3	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 8000	35.4	41.8	42.1	42.3	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 7000	37.8	44.8	45.1	45.4	45.5	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 6000	39.4	46.7	47.1	47.4	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 5000	42.0	50.6	51.2	51.5	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 4500	43.9	53.2	53.9	54.3	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 4000	48.4	59.6	60.4	61.0	61.6	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 3500	51.2	63.4	64.5	65.3	66.1	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 3000	52.2	65.4	66.7	67.8	69.0	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 2500	54.0	66.5	70.1	71.4	73.1	73.3	73.8	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
GE 2000	55.7	71.7	73.7	75.3	77.3	77.4	78.6	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.2
GE 1800	56.3	73.1	75.5	77.3	79.3	79.5	80.8	81.1	81.3	81.4	81.4	81.4	81.4	81.5	81.5
GE 1500	57.8	75.3	78.0	80.2	83.0	83.2	84.8	85.3	85.3	85.5	85.6	85.6	85.7	85.8	85.8
GE 1200	58.8	77.3	80.4	83.0	86.6	87.0	89.0	89.8	89.9	90.4	90.7	90.9	90.9	90.9	90.9
GE 1000	59.0	77.6	80.8	83.6	87.4	87.8	90.4	91.5	91.6	92.7	93.0	93.1	93.3	93.4	93.4
GE 900	59.3	78.1	81.4	84.2	88.2	88.7	91.6	92.9	93.1	94.2	94.6	94.6	95.0	95.1	95.1
GE 800	59.7	78.7	81.9	84.9	89.0	89.5	92.5	94.1	94.3	95.7	96.1	96.2	96.6	96.7	96.7
GE 700	60.0	79.0	82.3	85.3	89.4	89.9	93.1	94.9	95.1	96.5	97.0	97.0	97.5	97.6	97.6
GE 600	60.1	79.2	82.5	85.6	89.9	90.3	93.6	95.5	95.7	97.2	97.7	97.7	98.3	98.4	98.4
GE 500	60.2	79.3	82.8	85.8	90.1	90.6	93.9	95.8	96.0	97.5	98.1	98.2	98.8	98.9	98.9
GE 400	60.3	79.4	82.9	86.0	90.3	90.8	94.2	96.1	96.3	97.8	98.6	98.6	99.5	99.6	99.6
GE 300	60.3	79.4	82.9	86.0	90.3	90.8	94.2	96.2	96.4	97.9	98.7	98.7	99.6	99.7	99.7
GE 200	60.3	79.4	82.9	86.0	90.3	90.8	94.3	96.2	96.5	98.0	98.8	98.8	99.7	99.8	99.9
GE 100	60.3	79.4	83.0	86.1	90.4	90.8	94.3	96.3	96.5	98.1	98.8	98.9	99.8	99.9	100.0
GE 01	60.3	79.4	83.0	86.1	90.4	90.8	94.3	96.3	96.5	98.1	98.8	98.9	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 5950

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC  
 PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK  
 PERIOD OF RECORD: 77-84  
 MONTH: NOV HOURS(LST): 0000-0200

CEILING 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	GE 1/4	GE 1/2	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.4	47.6	48.0	48.2	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 2000	37.7	50.1	50.6	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 1800	39.4	52.2	52.7	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 1600	39.4	52.2	52.7	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 1400	39.5	52.7	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 1200	39.5	52.7	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 1000	41.6	55.6	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 900	42.6	57.0	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 800	43.6	58.4	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 700	45.1	60.4	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 600	45.5	61.6	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 500	47.3	65.4	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 450	48.5	67.9	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 400	51.3	73.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 350	52.7	77.6	79.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 300	52.9	79.3	81.0	82.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 250	52.9	80.0	81.9	83.9	84.7	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 200	53.5	82.1	84.5	86.7	88.0	88.1	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 180	53.5	82.4	84.7	87.1	88.5	88.7	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 150	53.9	83.1	86.0	88.5	90.9	91.0	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 120	54.3	84.6	88.0	90.9	93.8	94.1	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 100	54.3	85.0	88.4	91.6	94.7	95.0	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 90	54.3	85.0	88.4	91.6	94.8	95.1	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 80	54.3	85.0	88.5	91.7	95.1	95.4	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 70	54.3	85.0	88.7	91.9	95.2	95.5	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 60	54.3	85.0	88.7	91.9	95.2	95.5	97.2	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 50	54.3	85.0	88.7	91.9	95.2	95.5	97.2	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 40	54.3	85.0	88.7	91.9	95.2	95.5	97.2	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 30	54.3	85.0	88.7	91.9	95.2	95.5	97.2	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 20	54.3	85.0	88.7	91.9	95.2	95.5	97.2	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 10	54.3	85.0	88.7	91.9	95.2	95.5	97.2	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 0	54.3	85.0	88.7	91.9	95.2	95.5	97.2	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS: 714



GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: NOV HOURS(LSI): 0300-0500

CEILING VISIBILITY IN STATUTE MILES

IN FEET	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	33.2	45.0	46.0	46.0	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 2000	34.6	46.9	47.8	47.8	47.8	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 1600	35.4	48.3	49.2	49.2	49.2	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 1400	35.8	48.8	49.8	49.8	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 1200	36.7	49.7	50.6	50.6	50.6	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 1000	38.8	52.2	53.1	53.1	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 900	39.2	52.6	53.6	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 800	41.3	55.2	56.2	56.2	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 700	42.7	57.2	58.2	58.2	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 600	44.1	59.0	60.0	60.1	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 500	45.6	62.1	63.0	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 450	46.6	63.3	64.3	64.7	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 400	49.8	69.5	70.7	71.1	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 350	51.5	72.8	74.8	75.7	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 300	52.3	76.3	78.5	80.3	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 250	53.1	77.7	80.1	82.1	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 200	53.4	79.5	82.7	84.9	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 180	53.4	79.6	82.8	85.1	86.9	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 150	53.8	81.5	85.1	87.9	90.4	90.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 120	54.1	82.1	86.5	89.4	92.3	92.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 100	54.4	82.8	87.3	90.8	94.0	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 90	54.4	82.8	87.3	90.8	94.0	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 80	54.4	82.8	87.3	90.8	94.0	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 70	54.4	82.8	87.3	90.8	94.0	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 60	54.4	82.8	87.3	90.8	94.0	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 50	54.4	82.8	87.3	90.8	94.0	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 40	54.4	82.8	87.3	90.8	94.0	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 30	54.4	82.8	87.3	90.8	94.0	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 20	54.4	82.8	87.3	90.8	94.0	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 10	54.4	82.8	87.3	90.8	94.0	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 0	54.4	82.8	87.3	90.8	94.0	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4

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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

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

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	GE	6	GE	5	GE	4	GE	3	2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
										GE	2	GE	1							
AC CEIL	134.4	47.1	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	15.2	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 18000	35.7	49.1	49.8	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	50.1	50.1	50.1	50.1
GE 16000	35.7	49.1	49.8	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	50.1	50.1	50.1	50.1
GE 14000	35.7	49.1	49.8	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	50.1	50.1	50.1	50.1
GE 12000	36.4	49.8	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 10000	38.4	52.0	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 9000	38.4	52.3	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 8000	39.4	54.0	54.8	55.1	55.1	55.1	55.1	55.1	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 7000	39.8	54.8	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 6000	41.4	56.9	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 5000	43.8	61.9	62.9	63.3	63.3	63.3	63.3	63.3	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 4500	44.2	63.3	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	65.1	65.1	65.1	65.1
GE 4000	47.3	68.4	69.7	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 3500	49.4	71.5	73.4	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 3000	50.2	74.0	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 2500	50.9	75.4	77.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 2000	51.5	77.1	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1800	52.2	77.9	80.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1500	52.4	79.1	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1200	52.6	80.0	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1000	52.7	80.7	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 900	52.7	80.7	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 800	52.9	80.8	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 700	52.9	80.8	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 600	52.9	80.8	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 500	52.9	80.8	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 400	52.9	80.8	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 300	52.9	80.8	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 200	52.9	80.8	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 100	52.9	80.8	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE	01 52.9	80.8	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7

TOTAL NUMBER OF OBSERVATIONS: 719



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-89  
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	1	2	3	4	5	6	7	8	9	10				
NC CEIL	36.0	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.7	38.7	38.7
GE 20000	37.0	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.6	39.6	39.6
GE 18000	39.4	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.3	42.3	42.4	42.4	42.4
GE 16000	39.5	42.1	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.8	42.8	42.8
GE 14000	39.8	42.1	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.8	42.8	42.8
GE 12000	41.0	43.4	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.9	43.9	44.1	44.1	44.1
GE 10000	44.5	47.1	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.8	47.8	47.8
GE 9000	45.9	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.2	49.2	49.2
GE 8000	46.5	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9	51.9	52.0	52.0	52.0
GE 7000	49.8	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.4	53.4	53.4
GE 6000	51.6	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.4	55.4	55.5	55.5	55.5
GE 5000	54.9	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.4	59.4	59.4
GE 4000	57.0	60.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.8	61.9	61.9	61.9
GE 3000	60.8	64.8	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.8	66.8	66.8
GE 2500	64.3	69.0	69.7	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.3	71.3	71.3
GE 2000	66.9	72.7	74.0	75.4	76.1	76.1	76.1	76.1	76.1	76.5	76.5	76.6	76.6	76.6
GE 1800	68.2	74.8	76.5	78.7	78.7	78.7	78.7	78.7	78.7	79.1	79.1	79.3	79.3	79.3
GE 1600	69.5	76.8	78.7	81.2	81.2	81.2	81.2	81.2	81.2	81.6	81.6	81.8	81.8	81.8
GE 1400	70.1	77.9	79.8	81.4	82.5	82.5	82.5	82.5	82.5	83.0	83.0	83.2	83.2	83.2
GE 1200	71.3	79.4	81.6	83.7	85.4	85.4	85.4	85.4	85.4	86.2	86.2	86.5	86.5	86.5
GE 1000	72.5	80.9	83.9	86.1	88.5	88.6	89.3	90.0	90.0	90.1	90.1	90.3	90.3	90.3
GE 900	72.6	81.2	84.1	86.6	89.2	89.4	90.8	92.6	92.6	93.7	93.7	93.9	93.9	93.9
GE 800	73.0	81.9	84.8	87.3	89.8	90.1	91.9	94.0	94.0	95.1	95.1	95.3	95.3	95.3
GE 700	73.2	82.3	85.3	87.9	90.4	90.7	92.8	94.9	94.9	96.8	96.8	96.9	96.9	96.9
GE 600	73.4	82.6	85.5	88.2	90.7	91.0	93.0	95.3	95.3	97.2	97.2	97.5	97.5	97.5
GE 500	73.4	82.6	85.5	88.2	90.7	91.0	93.0	95.3	95.3	98.3	98.3	98.7	98.7	98.7
GE 400	73.4	82.6	85.5	88.2	90.7	91.0	93.0	95.3	95.3	98.6	98.6	99.4	99.4	99.4
GE 300	73.4	82.6	85.5	88.2	90.7	91.0	93.0	95.4	95.4	98.7	98.7	99.7	99.7	99.7
GE 200	73.4	82.6	85.5	88.2	90.7	91.0	93.0	95.5	95.5	98.7	98.7	99.9	99.9	99.9
GE 100	73.4	82.6	85.5	88.2	90.7	91.0	93.0	95.5	95.5	98.7	98.7	99.9	99.9	100.0
GE 01	73.4	82.6	85.5	88.2	90.7	91.0	93.0	95.4	95.4	98.7	98.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 719

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS(LST): 1200-1400

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	34.2	34.7	34.5	34.9	34.9	34.9	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 20000	36.3	36.8	36.9	36.9	36.9	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 18000	39.2	39.9	40.1	40.3	40.3	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 16000	39.6	40.4	40.7	40.8	40.8	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 14000	39.6	40.4	40.7	40.8	40.8	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 12000	42.2	43.1	43.3	43.5	43.5	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 10000	45.1	46.4	46.7	46.8	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 9000	47.4	48.6	48.9	49.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 8000	50.4	51.7	52.1	52.2	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 7000	51.1	52.4	52.6	52.9	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 6000	53.2	54.7	55.4	55.6	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 5000	55.1	57.1	58.1	58.2	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 4500	58.2	60.3	61.3	61.5	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4000	62.8	65.7	67.8	67.8	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 3500	69.0	72.1	73.9	74.4	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3000	70.6	74.3	76.3	76.9	76.9	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2500	72.2	76.7	79.2	80.3	80.3	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	73.6	78.9	81.5	82.8	82.8	83.5	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1800	74.0	79.7	82.4	83.6	83.6	84.4	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1500	75.6	81.4	84.0	85.7	85.7	86.0	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2
GE 1200	76.1	82.1	85.3	87.5	87.6	88.2	89.3	90.0	90.3	90.6	90.6	90.6	90.6	90.6
GE 1000	76.1	82.2	85.4	87.6	88.2	88.8	90.6	91.7	93.2	93.5	93.5	93.5	93.5	93.5
GE 900	76.1	82.5	85.8	88.1	88.8	89.3	91.4	92.5	92.6	94.4	94.4	94.4	94.4	94.4
GE 800	76.7	83.3	86.7	88.9	90.0	90.6	92.9	94.4	94.6	96.9	96.9	96.9	96.9	96.9
GE 700	76.9	83.6	86.9	89.2	90.3	90.8	93.2	94.7	94.9	97.5	97.5	97.5	97.5	97.5
GE 600	76.9	83.6	86.5	88.5	90.3	90.8	93.2	94.9	95.0	97.6	97.6	97.6	97.6	97.6
GE 500	76.9	83.6	86.9	89.2	90.3	90.8	93.2	94.9	95.0	97.9	98.1	98.6	98.6	98.6
GE 400	76.9	83.6	86.9	89.3	90.4	91.0	93.3	95.0	95.1	98.2	98.2	99.4	99.4	99.4
GE 300	76.9	83.6	86.9	89.3	90.4	91.0	93.3	95.0	95.1	98.2	98.2	99.4	99.4	99.4
GE 200	76.9	83.6	86.9	89.3	90.4	91.0	93.3	95.0	95.1	98.2	98.2	99.6	99.6	99.6
GE 100	76.9	83.6	86.5	88.5	90.4	91.0	93.3	95.0	95.1	98.2	98.2	99.6	99.6	99.6
GE 01	76.9	83.6	86.9	89.3	90.4	91.0	93.3	95.0	95.1	98.2	98.2	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-84  
 MONTH: NOV HOURS: 0000-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10	6	5	4	3	2	1 1/2	1	1/4	3/8	1/2	5/8						
NC CEIL	31.5	33.3	33.4	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 20000	33.7	35.5	35.7	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 18000	37.2	39.0	39.2	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 16000	37.9	39.7	39.9	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 14000	37.9	39.9	40.0	40.3	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 12000	39.6	41.7	41.9	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	42.4	42.4
GE 10000	43.0	45.2	45.4	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 9000	44.9	47.2	47.3	47.6	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	47.9
GE 8000	47.2	49.6	49.9	50.1	50.4	50.4	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 7000	49.7	53.2	53.5	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 6000	51.7	55.9	56.2	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 5000	54.6	59.3	60.0	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 4500	55.6	60.5	61.7	62.1	62.5	62.5	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 4000	61.2	66.6	68.1	68.5	69.1	69.1	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 3500	69.1	75.6	77.2	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3000	70.6	77.4	79.1	80.1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2500	72.1	79.1	80.6	81.9	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2000	72.9	79.9	81.7	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1800	73.9	80.9	83.1	84.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1500	74.7	81.9	84.3	85.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	75.1	82.7	85.7	87.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1000	75.1	82.7	85.6	87.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 900	75.1	82.7	85.8	87.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 800	75.1	82.7	85.8	87.0	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 700	75.3	83.1	86.2	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 600	75.3	83.1	86.2	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 500	75.3	83.1	86.2	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 400	75.3	83.1	86.2	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 300	75.3	83.1	86.2	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 200	75.3	83.1	86.2	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 100	75.3	83.1	86.2	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE	01 75.3	83.1	86.2	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3

TOTAL NUMBER OF OBSERVATIONS: 712

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AM  
 MONTH: NOV HOURS: 1100-2000

CEILING	IN	10	6	5	4	3 1/2	2 1/2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NC CEIL	28.8	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 2000	30.2	40.3	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 1800	32.6	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 1600	33.2	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	43.9
GE 1400	33.6	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 1200	36.3	47.3	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 1000	38.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 800	40.7	52.7	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 700	43.6	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 600	44.4	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 500	45.9	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 450	46.7	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 400	49.1	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 350	54.7	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 300	55.4	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 250	56.6	80.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 200	56.6	81.3	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 180	57.0	82.1	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 150	57.3	82.8	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 120	57.3	83.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 100	57.3	83.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 90	57.3	83.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 80	57.4	83.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 70	57.4	83.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 60	57.4	83.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 50	57.4	83.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 40	57.4	83.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 30	57.4	83.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 20	57.4	83.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 10	57.4	83.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 0	57.4	83.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0

TOTAL NUMBER OF OBSERVATIONS: 702

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS: 1500-2100-2300

CEILING	VISIBILITY IN STATUTE MILES														
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE					
FEET	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	33.3	45.1	45.3	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 20000	35.2	46.9	47.2	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 18000	36.4	49.0	49.3	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 16000	36.6	49.2	49.4	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 14000	36.6	49.2	49.4	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 12000	36.9	49.9	50.1	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 10000	39.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 9000	41.4	54.8	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 8000	43.9	58.2	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 7000	46.0	61.6	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 6000	47.0	62.9	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 5000	49.6	68.8	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4500	50.6	70.8	71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4000	51.1	73.4	74.3	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3500	53.7	77.0	77.8	78.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3000	53.8	77.7	79.1	80.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2500	54.4	78.7	80.5	82.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000	54.7	80.8	83.5	85.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1800	54.7	80.8	83.5	85.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1500	54.7	81.5	84.6	87.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	54.9	82.3	86.7	90.3	92.9	93.1	93.6	94.6	94.8	94.8	94.8	95.1	95.2	95.2	95.2
GE 1000	54.9	82.6	87.0	90.5	93.4	93.5	94.6	95.8	96.0	96.0	96.0	96.3	96.5	96.5	96.5
GE 900	54.9	82.6	87.0	90.5	93.5	93.6	94.8	96.2	96.3	96.8	97.0	97.0	97.2	97.2	97.2
GE 800	54.9	82.6	87.0	90.5	93.9	94.1	95.2	96.6	96.8	97.3	98.2	98.2	98.4	98.4	98.4
GE 700	54.9	82.6	87.0	90.5	93.9	94.1	95.2	96.8	96.9	97.7	98.9	98.9	99.2	99.2	99.2
GE 600	54.9	82.6	87.0	90.5	93.9	94.2	95.3	96.9	97.0	97.9	99.2	99.2	99.4	99.4	99.4
GE 500	54.9	82.6	87.0	90.5	93.9	94.2	95.3	96.9	97.0	98.0	99.4	99.4	99.7	99.7	99.7
GE 400	54.9	82.6	87.0	90.5	93.9	94.2	95.3	96.9	97.0	98.0	99.4	99.4	99.7	99.7	99.7
GE 300	54.9	82.6	87.0	90.5	93.9	94.2	95.3	96.9	97.0	98.0	99.4	99.4	99.7	99.7	99.7
GE 200	54.9	82.6	87.0	90.5	93.9	94.2	95.3	96.9	97.0	98.0	99.4	99.4	99.7	99.7	99.7
GE 100	54.9	82.6	87.0	90.5	93.9	94.2	95.3	96.9	97.0	98.0	99.4	99.4	99.7	99.7	99.7
GE 0	54.9	82.6	87.0	90.5	93.9	94.2	95.3	96.9	97.0	98.0	99.4	99.4	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 708

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 77-81

MONTH: NOV HOURS(LS): ALL

CEILING IN FEET VISIBILITY IN STATUTE MILES

CEILING IN FEET	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 10	GE 1/2	GE 1/4	GE 3/4	GE 5/8	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 4	GE 5	GE 6	GE 10	GE 1/2	GE 5/16	GE 1/4	GE 0	
NC CEIL	33.4	41.2	41.6	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	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 2000	35.0	43.0	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 1800	36.9	45.3	45.7	45.8	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 1600	37.2	45.6	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 1400	37.3	45.7	46.1	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 1200	38.3	46.8	47.3	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	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 1000	41.0	49.9	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 900	42.2	51.3	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 800	44.4	53.9	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 700	46.0	56.1	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 600	47.4	58.1	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 500	49.6	62.0	62.6	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	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	63.1	63.1	63.1
GE 450	50.9	64.0	64.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 400	54.2	69.0	70.0	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 350	58.0	74.0	75.4	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 300	59.1	76.2	77.8	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 250	60.1	77.8	79.7	81.5	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 200	60.7	79.5	81.8	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 180	61.1	80.1	82.4	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 150	61.7	81.3	83.9	86.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 120	62.1	82.2	85.4	88.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 100	62.2	82.6	85.8	88.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 90	62.3	82.7	86.0	88.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 80	62.4	82.9	86.2	89.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 70	62.5	83.0	86.3	89.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 60	62.5	83.0	86.3	89.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 50	62.5	83.0	86.3	89.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 40	62.5	83.0	86.3	89.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 30	62.5	83.0	86.3	89.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 20	62.5	83.0	86.3	89.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 10	62.5	83.0	86.3	89.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 0	62.5	83.0	86.3	89.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS: 5711

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS(LIST): 0000-0200

CEILING VISIBILITY IN STATUTE MILES

CEILING	10	6	5	4	3	2	1 1/2	1	1/4	3/4	5/8	1/2	5/16	1/4	0
NC CEIL	48.0	57.8	58.3	55.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 20000	48.6	58.3	59.0	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 18000	49.8	59.5	60.2	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 16000	49.9	59.7	60.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 14000	49.9	59.7	60.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 12000	50.5	60.2	60.9	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	51.7	62.0	62.9	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 9000	52.1	62.4	63.3	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 8000	54.3	64.5	65.5	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 7000	56.2	66.4	67.5	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	56.3	67.0	68.1	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 5000	56.8	69.4	70.6	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 4500	57.1	70.8	72.3	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	59.0	74.8	76.7	78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3500	59.5	77.8	80.4	82.8	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	59.8	78.8	82.1	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2500	60.1	79.4	82.9	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	60.2	80.1	83.8	86.5	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1800	60.6	80.8	84.7	87.4	89.0	89.3	89.7	90.0	90.0	90.1	90.4	90.4	90.4	90.4	90.4
GE 1500	60.6	80.8	85.3	88.5	90.4	90.7	91.2	91.9	92.2	92.4	92.7	92.7	92.7	92.7	92.7
GE 1200	60.8	81.7	86.3	89.6	92.3	93.0	94.3	95.3	95.5	95.8	96.1	96.1	96.1	96.1	96.1
GE 1000	61.0	82.0	86.6	89.9	92.7	93.4	95.1	96.5	96.8	97.0	97.4	97.4	97.4	97.4	97.4
GE 900	61.0	82.0	86.6	89.9	93.0	93.6	95.4	96.9	97.3	97.6	98.0	98.0	98.0	98.0	98.0
GE 800	61.0	82.0	86.6	89.9	93.1	93.8	95.7	97.2	97.6	98.5	98.9	98.9	98.9	98.9	98.9
GE 700	61.0	82.0	86.6	89.9	93.2	93.9	95.8	97.3	97.8	98.8	99.2	99.2	99.2	99.2	99.2
GE 600	61.0	82.0	86.6	90.0	93.4	94.0	95.9	97.4	98.0	98.9	99.3	99.3	99.3	99.3	99.3
GE 500	61.0	82.0	86.6	90.3	93.6	94.3	96.2	97.7	98.2	99.3	99.9	100.0	100.0	100.0	100.0
GE 400	61.0	82.0	86.6	90.3	93.6	94.3	96.2	97.7	98.2	99.3	99.9	100.0	100.0	100.0	100.0
GE 300	61.0	82.0	86.6	90.3	93.6	94.3	96.2	97.7	98.2	99.3	99.9	100.0	100.0	100.0	100.0
GE 200	61.0	82.0	86.6	90.3	93.6	94.3	96.2	97.7	98.2	99.3	99.9	100.0	100.0	100.0	100.0
GE 100	61.0	82.0	86.6	90.3	93.6	94.3	96.2	97.7	98.2	99.3	99.9	100.0	100.0	100.0	100.0
GE 0	61.0	82.0	86.6	90.3	93.6	94.3	96.2	97.7	98.2	99.3	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 739



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS(LST): 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
NC CEIL	46.9	57.6	58.2	56.9	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 20000	47.5	58.1	58.6	55.5	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 18000	48.6	59.2	60.1	61.0	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 16000	48.6	59.2	60.1	61.0	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 14000	48.6	59.2	60.1	61.0	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 12000	49.1	59.7	60.7	61.5	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	50.5	61.8	62.7	63.8	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 9000	50.6	62.0	63.0	64.2	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 8000	52.8	64.8	65.7	66.9	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 7000	55.0	67.3	68.3	69.5	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 6000	55.6	69.1	70.1	71.3	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	56.7	70.9	71.8	73.2	74.0	74.0	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	57.0	72.0	72.9	74.3	75.1	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4000	58.2	75.9	77.4	78.9	80.1	80.3	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3500	59.6	78.9	81.1	83.0	84.2	84.4	84.5	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	60.1	79.7	81.9	83.9	85.2	85.3	85.4	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	60.1	80.1	82.4	84.8	86.5	86.7	86.8	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2000	60.3	81.6	84.1	86.5	88.7	88.8	89.0	89.1	89.1	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	60.7	82.2	84.6	87.3	89.5	89.7	89.8	90.6	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	60.7	82.6	85.6	88.6	91.2	91.3	92.0	93.1	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	60.8	83.4	86.7	90.2	93.5	93.6	94.4	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	60.8	83.5	86.8	90.5	93.9	94.0	95.4	97.3	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	60.8	83.5	86.8	90.5	94.1	94.3	95.8	97.7	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5
GE 800	60.8	83.5	86.8	90.5	94.4	94.6	96.1	98.1	98.2	98.8	98.9	99.0	99.0	99.0	99.0	99.0
GE 700	60.8	83.5	86.8	90.5	94.4	94.6	96.1	98.1	98.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2
GE 600	60.8	83.5	86.8	90.5	94.6	94.7	96.2	98.2	98.4	98.9	99.2	99.3	99.3	99.3	99.3	99.3
GE 500	60.8	83.5	86.8	90.5	94.8	95.0	96.5	98.5	98.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9
GE 400	60.8	83.5	86.8	90.5	94.8	95.0	96.5	98.5	98.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9
GE 300	60.8	83.5	86.8	90.5	94.8	95.0	96.5	98.5	98.6	99.3	99.6	99.7	100.0	100.0	100.0	100.0
GE 200	60.8	83.5	86.8	90.5	94.8	95.0	96.5	98.5	98.6	99.3	99.6	99.7	100.0	100.0	100.0	100.0
GE 100	60.8	83.5	86.8	90.5	94.8	95.0	96.5	98.5	98.6	99.3	99.6	99.7	100.0	100.0	100.0	100.0
GE 01	60.8	83.5	86.8	90.5	94.8	95.0	96.5	98.5	98.6	99.3	99.6	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 735



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS(LS): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	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
NC CEIL	44.8	55.4	56.4	57.5	57.9	57.9	58.2	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 2000	45.5	56.0	57.1	58.2	58.6	58.6	58.9	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 1800	46.1	56.7	57.8	58.9	59.3	59.3	59.6	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 1600	46.3	56.9	57.9	59.0	59.4	59.4	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 1400	46.3	56.9	57.9	59.0	59.4	59.4	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 1200	46.8	57.4	58.5	59.6	60.0	60.0	60.2	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 1000	48.4	59.4	60.5	61.6	62.0	62.0	62.3	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 900	48.6	59.7	60.8	61.9	62.3	62.3	62.6	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 800	50.7	62.3	63.4	64.5	64.9	64.9	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 700	53.6	65.9	67.0	68.1	68.8	68.8	69.1	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 600	53.6	67.3	68.5	69.6	70.1	70.1	70.4	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 500	54.8	69.7	71.0	72.0	72.6	72.6	72.9	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 450	55.2	71.0	72.3	73.3	74.1	74.1	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 400	57.1	75.0	76.7	78.2	79.0	79.0	79.2	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 350	58.6	78.2	80.2	81.8	82.6	82.6	82.9	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 300	59.3	80.2	82.8	84.7	85.5	85.5	85.8	86.4	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 250	59.4	80.7	83.4	85.3	86.2	86.2	86.4	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 200	59.7	82.1	85.2	87.7	88.5	88.5	88.7	89.7	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 180	60.0	82.6	86.0	88.5	89.3	89.3	89.6	90.8	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 150	60.0	82.9	86.6	89.3	90.6	90.6	91.0	92.3	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 120	60.1	83.9	87.8	90.5	92.1	92.3	93.1	94.4	94.4	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 100	60.1	84.0	87.5	90.8	92.5	92.7	93.6	95.5	95.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9
GE 90	60.1	84.0	87.5	91.0	92.8	92.9	94.0	96.2	96.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 80	60.1	84.0	87.9	91.0	93.1	93.2	94.3	96.5	96.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 70	60.1	84.0	87.9	91.0	93.1	93.2	94.3	96.5	96.5	98.1	98.5	98.5	98.5	98.5	98.5	98.5
GE 60	60.1	84.1	88.1	91.2	93.2	93.4	94.4	96.6	96.6	98.2	98.6	98.6	98.6	98.6	98.6	98.6
GE 50	60.1	84.4	88.2	91.5	93.5	93.6	94.7	96.9	96.9	98.5	98.9	98.9	98.9	98.9	98.9	98.9
GE 40	60.1	84.4	88.3	91.6	93.6	93.8	94.8	97.0	97.0	98.6	99.1	99.1	99.1	99.1	99.1	99.1
GE 30	60.1	84.4	88.3	91.6	93.6	94.0	95.1	97.3	97.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3
GE 20	60.1	84.4	88.3	91.6	93.6	94.0	95.1	97.3	97.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3
GE 10	60.1	84.4	88.3	91.6	93.6	94.0	95.1	97.3	97.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	60.1	84.4	88.3	91.6	93.6	94.0	95.1	97.3	97.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 737

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK  
 PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	48.7	53.0	53.6	54.0	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 2000	49.4	53.7	54.4	54.8	55.3	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 1800	49.8	54.1	54.8	55.2	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 1600	49.9	54.3	54.9	55.3	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 1400	50.1	54.4	55.1	55.5	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 1200	50.3	54.7	55.3	55.7	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 1000	51.1	55.6	56.3	56.7	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 900	52.1	56.5	57.2	57.6	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 800	54.4	59.0	59.6	60.1	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 700	56.8	61.9	62.5	63.0	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 600	57.4	63.0	63.6	64.2	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 5000	59.2	66.0	67.2	67.6	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4500	60.7	67.9	69.2	69.6	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4000	62.3	70.4	71.8	72.5	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3500	65.0	74.5	75.6	76.8	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3000	65.7	75.8	77.7	79.2	80.7	80.7	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500	66.3	76.8	78.8	80.6	82.5	82.5	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	67.3	78.9	81.0	83.1	85.3	85.3	85.6	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	67.7	80.0	82.2	84.6	86.8	86.8	87.0	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6
GE 1500	67.7	80.2	82.6	85.3	88.1	88.1	88.9	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	68.2	81.0	83.7	86.5	89.7	89.7	91.0	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	68.2	81.0	83.8	87.4	91.0	91.0	92.3	92.8	92.8	93.3	93.4	93.4	93.4	93.4	93.4
GE 900	68.2	81.1	84.1	87.9	91.5	91.5	93.3	93.8	93.8	94.5	94.7	94.7	94.7	94.7	94.7
GE 800	68.2	81.1	84.6	88.4	92.2	92.2	94.3	95.1	95.1	95.8	96.1	96.1	96.1	96.1	96.1
GE 700	68.3	81.2	84.9	88.7	92.4	92.4	94.6	95.4	95.4	96.4	96.6	96.6	96.6	96.6	96.6
GE 600	68.3	81.4	85.2	88.9	92.8	92.8	95.0	96.0	96.0	97.2	97.6	97.6	97.6	97.6	97.6
GE 500	68.3	81.4	85.2	89.1	93.0	93.0	95.1	96.1	96.1	97.3	97.7	97.7	97.7	97.7	97.7
GE 400	68.3	81.4	85.2	89.1	93.0	93.0	95.1	96.1	96.1	97.3	97.8	97.8	97.8	97.8	97.8
GE 300	68.3	81.4	85.2	89.1	93.0	93.0	95.4	96.4	96.4	97.8	98.5	98.5	98.5	98.5	98.5
GE 200	68.3	81.4	85.2	89.1	93.0	93.0	95.4	96.4	96.4	97.8	98.7	98.7	98.7	98.7	98.7
GE 100	68.3	81.4	85.2	89.1	93.0	93.0	95.4	96.4	96.4	98.0	98.8	98.8	98.8	98.8	98.8
GE 0	68.3	81.4	85.2	89.1	93.0	93.0	95.4	96.4	96.4	98.8	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS(UT): 1200-1400

CEILING VISIBILITY IN STATUTE MILES

CEILING FEET	VISIBILITY IN STATUTE MILES												
	10	6	5	4	3	2	1 1/2	1	3/4	1/2	5/16	1/4	0
AC CEIL	50.3	51.3	51.6	52.1	52.2	52.2	52.6	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	52.4	53.6	54.1	54.3	54.3	54.3	54.7	54.8	54.8	54.8	54.8	54.8	54.8
GE 18000	53.2	54.4	54.9	55.1	55.1	55.1	55.5	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	53.6	54.5	54.8	55.3	55.5	55.5	55.9	56.0	56.0	56.0	56.0	56.0	56.0
GE 14000	53.7	54.7	54.9	55.5	55.6	55.6	56.0	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	54.4	55.3	55.6	56.1	56.3	56.3	56.7	56.8	56.8	56.8	56.8	56.8	56.8
GE 10000	56.4	57.4	57.6	58.2	58.3	58.3	58.7	58.8	58.8	58.8	58.8	58.8	58.8
GE 9000	56.8	57.8	58.0	58.6	58.7	58.7	59.1	59.2	59.2	59.2	59.2	59.2	59.2
GE 8000	59.6	60.6	61.0	61.5	61.8	61.8	62.5	62.8	62.8	62.8	62.8	62.8	62.8
GE 7000	61.7	62.8	63.2	63.7	64.0	64.0	64.6	64.9	64.9	64.9	64.9	64.9	64.9
GE 6000	62.3	63.6	64.0	64.5	64.8	64.8	65.5	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	64.6	66.3	66.7	67.2	67.5	67.5	68.2	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	65.2	66.9	67.3	67.9	68.2	68.2	68.8	69.1	69.1	69.1	69.1	69.1	69.1
GE 4000	67.7	69.6	70.0	70.7	71.5	71.5	72.2	72.5	72.6	72.6	72.6	72.6	72.6
GE 3500	70.0	72.6	73.1	74.4	75.2	75.2	76.1	76.4	76.5	76.5	76.5	76.5	76.5
GE 3000	71.5	74.9	75.4	77.1	77.9	77.9	78.9	79.2	79.4	79.4	79.4	79.4	79.4
GE 2500	72.5	76.9	78.0	79.6	80.4	80.4	81.8	82.2	82.3	82.3	82.3	82.3	82.3
GE 2000	74.0	79.1	80.5	81.7	84.8	84.8	86.2	86.9	87.0	87.0	87.0	87.0	87.0
GE 1800	74.5	79.6	81.4	84.2	85.7	85.7	87.3	88.0	88.1	88.1	88.1	88.1	88.1
GE 1500	75.0	80.3	82.1	85.0	86.5	86.6	88.7	89.3	89.5	89.5	89.5	89.5	89.5
GE 1200	75.4	81.5	83.7	86.8	88.9	89.1	91.6	92.3	92.4	92.4	92.4	92.4	92.4
GE 1000	75.4	81.9	84.3	87.6	89.7	89.9	92.4	93.3	94.1	94.1	94.1	94.1	94.1
GE 900	75.4	81.9	84.6	87.9	90.1	90.3	92.8	93.9	94.7	94.7	94.7	94.7	94.7
GE 800	75.4	81.9	84.9	88.5	90.8	91.0	93.7	95.0	96.1	96.4	96.4	96.4	96.4
GE 700	75.4	81.9	84.9	88.5	90.8	91.0	93.7	95.1	96.5	96.9	97.0	97.0	97.0
GE 600	75.4	82.1	85.0	86.7	91.1	91.2	93.9	95.7	97.2	97.6	97.7	97.7	97.7
GE 500	75.4	82.2	85.2	86.8	91.2	91.4	94.1	95.8	97.3	97.7	97.7	98.0	98.0
GE 400	75.4	82.2	85.2	86.8	91.2	91.4	94.1	95.8	97.3	97.7	97.7	98.0	98.2
GE 300	75.4	82.2	85.2	86.8	91.2	91.4	94.1	95.8	97.3	97.7	97.7	98.0	98.5
GE 200	75.6	82.3	85.3	86.9	91.5	91.6	94.3	96.4	98.0	98.4	98.4	99.1	99.2
GE 100	75.6	82.3	85.3	86.9	91.5	91.6	94.3	96.4	98.4	98.8	99.3	99.6	99.7
GE 0	75.6	82.5	85.4	85.1	91.6	91.8	94.5	96.5	98.5	98.9	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH  
 U-SAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS(LST): 1500-1700

CEILING VISIBILITY IN STATUTE MILES

IN FEET	VISIBILITY IN STATUTE MILES														
	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
NC CEIL	47.9	51.3	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.4	52.4	52.5
GE 20000	49.1	52.6	53.3	52.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.8
GE 18000	50.3	53.8	54.5	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	55.1
GE 16000	50.6	54.1	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.3
GE 14000	50.6	54.1	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.3
GE 12000	51.7	55.2	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.3	56.3	56.4
GE 10000	52.9	56.4	57.1	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.8
GE 9000	53.3	56.8	57.5	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.2	58.2
GE 8000	54.8	58.6	59.4	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	60.1	60.1
GE 7000	57.4	61.4	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	62.9	62.9
GE 6000	58.8	63.0	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.5	64.5
GE 5000	62.5	67.3	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.8	68.8
GE 4500	62.6	67.5	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.1	69.1
GE 4000	66.5	72.5	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.4	74.9	74.9
GE 3500	68.0	74.4	75.8	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.3	77.3	77.5	77.5
GE 3000	69.4	76.1	77.6	78.0	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.5	79.5	79.6	79.6
GE 2500	70.4	78.4	80.2	80.6	81.6	81.6	81.6	82.2	82.2	82.3	82.3	82.9	82.9	83.0	83.0
GE 2000	70.9	79.5	82.2	82.7	84.8	84.9	85.2	86.0	86.0	86.1	86.1	86.6	86.6	86.8	86.8
GE 1800	71.1	79.8	82.6	83.1	85.3	85.4	86.2	87.0	87.0	87.2	87.2	87.7	87.7	87.9	87.9
GE 1500	71.7	80.8	83.7	84.6	86.9	87.0	88.5	89.3	89.3	89.5	89.5	90.0	90.0	90.1	90.1
GE 1200	72.1	82.1	85.3	86.4	88.9	89.3	90.8	91.6	91.6	91.8	91.8	92.3	92.4	92.6	92.6
GE 1000	72.2	82.5	85.7	86.8	89.6	90.0	91.6	92.4	92.4	92.7	92.7	93.3	93.3	93.7	93.7
GE 900	72.2	82.6	86.0	87.0	90.1	90.6	92.2	93.4	93.4	93.7	93.8	94.3	94.6	94.7	94.7
GE 800	72.2	82.6	86.0	87.0	90.3	90.6	92.7	94.1	94.1	94.6	94.9	95.8	96.1	96.2	96.2
GE 700	72.2	82.6	86.0	87.0	90.3	90.8	92.7	94.7	94.7	95.8	96.1	97.0	97.3	97.4	97.4
GE 600	72.2	82.7	86.4	87.4	90.7	91.2	93.1	95.3	95.3	96.6	97.0	98.0	98.4	98.5	98.5
GE 500	72.2	82.7	86.4	87.4	90.7	91.2	93.4	95.5	95.5	97.2	97.6	98.9	99.3	99.5	99.5
GE 400	72.2	82.7	86.4	87.4	90.7	91.2	93.4	95.7	95.7	97.3	97.7	99.1	99.5	99.6	99.6
GE 300	72.2	82.7	86.4	87.4	90.7	91.2	93.4	95.7	95.7	97.3	97.7	99.2	99.6	99.7	99.7
GE 200	72.2	82.7	86.4	87.4	90.7	91.2	93.4	95.7	95.7	97.4	97.8	99.3	99.7	99.9	99.9
GE 100	72.2	82.7	86.4	87.4	90.7	91.2	93.4	95.7	95.7	97.4	97.8	99.3	99.7	99.9	99.9
GE 01	72.2	82.7	86.4	87.4	90.7	91.2	93.4	95.7	95.7	97.4	97.8	99.3	99.7	100.0	100.0

ICIAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS (LST): 1800-2000

CEILING	VISIBILITY IN STATUTE MILES											
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	10
NO CEIL	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 2000	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 1800	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 1600	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 1400	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 1200	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 1000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 900	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 800	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 700	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 600	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 500	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 450	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 400	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 350	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 300	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 250	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 200	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 180	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 150	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 120	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 100	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 90	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 80	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 70	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 60	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 50	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 40	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 30	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 20	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 10	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 681

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD OF RECORD: 77-83  
 MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	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	43.8	56.7	57.5	58.1	58.5	58.5	59.1	59.1	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4
GE 20000	44.4	57.6	58.8	59.0	59.4	59.4	60.1	60.1	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4
GE 18000	44.7	57.9	59.1	59.3	59.8	59.8	60.4	60.4	60.4	60.4	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	44.7	57.9	59.1	59.3	59.8	59.8	60.4	60.4	60.4	60.4	60.7	60.7	60.7	60.7	60.7	60.7
GE 14000	44.9	58.1	59.3	59.4	59.9	59.9	60.5	60.5	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8
GE 12000	44.9	58.1	59.3	59.4	59.9	59.9	60.5	60.5	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	45.2	58.8	60.1	60.4	60.8	60.8	61.4	61.4	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8
GE 9000	45.6	59.3	60.5	60.8	61.3	61.3	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	47.3	61.3	62.5	62.8	63.3	63.3	63.9	63.9	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2
GE 7000	49.9	63.9	65.3	65.7	66.2	66.2	66.8	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1
GE 6000	50.2	64.5	66.1	66.5	67.0	67.0	67.6	67.6	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9
GE 5000	51.6	67.4	69.1	69.6	70.0	70.0	70.7	70.7	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0
GE 4500	52.1	69.0	70.7	71.1	71.6	71.6	72.2	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5
GE 4000	53.0	73.6	75.3	76.0	76.5	76.5	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	53.1	74.8	77.1	78.5	79.1	79.1	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	53.3	75.7	78.0	79.6	80.3	80.3	81.0	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3
GE 2500	53.9	77.6	80.5	82.5	83.6	83.6	84.2	84.2	84.2	84.2	84.9	84.9	84.9	84.9	84.9	84.9
GE 2000	53.9	79.1	82.8	84.8	86.2	86.2	86.8	86.8	86.8	86.8	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	54.4	79.9	84.0	86.6	88.0	88.0	88.6	88.6	88.6	88.6	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	54.8	81.1	85.6	88.8	90.8	90.8	92.2	92.2	92.2	92.2	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	55.0	82.0	86.8	90.0	92.3	92.3	94.6	94.6	94.6	94.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	55.0	82.0	86.9	90.5	92.8	92.8	95.2	95.2	95.2	95.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	55.0	82.0	86.9	90.5	92.8	92.8	95.4	95.4	95.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	55.0	82.0	86.9	90.5	92.8	92.8	95.4	95.4	95.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	55.0	82.0	86.9	90.5	92.8	92.8	95.4	95.4	95.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	55.0	82.0	87.4	90.9	93.2	93.2	95.9	95.9	95.9	95.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	55.0	82.0	87.4	90.9	93.2	93.2	95.9	95.9	95.9	95.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	55.0	82.0	87.4	90.9	93.2	93.2	95.9	95.9	95.9	95.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 300	55.0	82.0	87.4	90.9	93.2	93.2	95.9	95.9	95.9	95.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 200	55.0	82.0	87.4	90.9	93.2	93.2	95.9	95.9	95.9	95.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 100	55.0	82.0	87.4	90.9	93.2	93.2	95.9	95.9	95.9	95.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 01	55.0	82.0	87.4	90.9	93.2	93.2	95.9	95.9	95.9	95.9	97.1	97.1	97.1	97.1	97.1	97.1

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: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK  
 PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	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	GE
NO CEIL	47.1	54.9	55.6	56.2	56.6	56.6	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
GE 20000	47.9	55.8	56.5	57.1	57.5	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9
GE 18000	48.7	56.6	57.4	58.0	58.4	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8
GE 16000	48.9	56.7	57.5	58.1	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9
GE 14000	48.9	56.8	57.5	58.2	58.6	58.6	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0
GE 12000	49.4	57.2	58.0	58.6	59.1	59.1	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4
GE 10000	50.6	58.7	59.5	60.2	60.6	60.6	60.8	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0
GE 9000	51.1	59.2	60.0	60.7	61.2	61.2	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
GE 8000	53.0	61.4	62.2	62.9	63.4	63.4	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
GE 7000	55.3	64.0	64.9	65.6	66.1	66.1	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5
GE 6000	55.9	65.2	66.2	66.9	67.3	67.3	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8
GE 5000	57.6	68.0	69.0	69.8	70.3	70.3	70.5	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8
GE 4500	58.1	69.1	70.2	71.0	71.5	71.5	71.7	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
GE 4000	60.2	73.1	74.5	75.5	76.2	76.2	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8
GE 3500	61.6	75.8	77.6	79.0	79.8	79.8	80.1	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5
GE 3000	62.3	77.3	79.3	81.0	81.9	81.9	82.2	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7
GE 2500	62.8	78.5	80.7	82.6	83.8	83.9	84.3	84.6	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9
GE 2000	63.3	79.9	82.7	84.9	86.6	86.6	87.1	87.6	87.6	87.8	87.9	87.9	88.0	88.0	88.0	88.0
GE 1800	63.6	80.5	83.5	85.9	87.7	87.8	88.4	88.9	88.9	89.2	89.3	89.3	89.4	89.4	89.4	89.4
GE 1500	63.9	81.1	84.4	87.2	89.3	89.4	90.4	91.1	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6
GE 1200	64.1	82.0	85.7	88.6	91.2	91.4	92.9	93.6	93.8	94.1	94.3	94.3	94.4	94.4	94.4	94.4
GE 1000	64.2	82.2	85.9	89.1	91.8	92.0	93.7	94.8	94.8	95.4	95.6	95.6	95.7	95.8	95.8	95.8
GE 900	64.2	82.3	86.0	89.3	92.2	92.4	94.2	95.4	95.5	96.1	96.4	96.4	96.5	96.6	96.6	96.6
GE 800	64.2	82.3	86.1	89.5	92.5	92.7	94.6	96.0	96.1	96.9	97.2	97.2	97.5	97.6	97.6	97.6
GE 700	64.2	82.3	86.2	89.6	92.5	92.8	94.7	96.2	96.3	97.3	97.7	97.7	98.0	98.1	98.1	98.1
GE 600	64.2	82.4	86.4	89.8	92.8	93.1	95.0	96.5	96.7	97.7	98.2	98.2	98.5	98.6	98.6	98.6
GE 500	64.2	82.5	86.5	89.9	93.0	93.2	95.2	96.7	96.9	98.0	98.5	98.5	99.0	99.1	99.1	99.1
GE 400	64.2	82.5	86.5	89.9	93.0	93.2	95.2	96.8	96.9	98.1	98.6	98.6	99.2	99.3	99.3	99.3
GE 300	64.2	82.5	86.5	89.9	93.0	93.3	95.3	96.8	97.0	98.2	98.7	98.8	99.4	99.5	99.6	99.6
GE 200	64.3	82.5	86.5	89.9	93.0	93.3	95.3	96.9	97.1	98.3	98.8	98.8	99.5	99.7	99.8	99.8
GE 100	64.3	82.5	86.5	89.9	93.0	93.3	95.3	96.9	97.1	98.3	98.9	99.0	99.6	99.8	99.9	99.9
GE 01	64.3	82.5	86.5	89.9	93.0	93.4	95.3	96.9	97.1	98.4	98.9	99.0	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 5766

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK

PERIOD OF RECORD: 76-84  
MONTH: ALL HOURS(LST): ALL

CEILING VISIBILITY IN STATUTE MILES

IN FEET	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	40.6	46.3	46.5	46.6	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0
GE 20000	42.9	48.7	48.9	45.0	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4
GE 18000	44.3	50.2	50.4	50.6	50.7	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 16000	44.5	50.5	50.7	50.8	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 14000	44.7	50.7	51.0	51.1	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5
GE 12000	45.9	52.0	52.2	52.4	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 10000	48.6	55.0	55.2	55.4	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8
GE 9000	50.1	56.5	56.8	56.9	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 8000	52.8	59.5	59.6	60.0	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 7000	55.2	62.3	62.6	62.8	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
GE 6000	56.9	64.3	64.7	64.9	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4
GE 5000	60.2	68.2	68.7	69.0	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5
GE 4500	62.2	70.6	71.2	71.5	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1
GE 4000	65.6	74.9	75.6	76.0	76.3	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
GE 3500	69.2	79.3	80.2	80.7	81.1	81.2	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	71.1	81.8	82.8	83.5	84.1	84.1	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7
GE 2500	72.3	83.6	84.8	85.6	86.4	86.5	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	73.4	85.3	86.8	87.9	88.8	89.0	89.5	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	73.8	86.0	87.5	88.6	89.7	89.9	90.4	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	74.4	86.9	88.6	89.9	91.3	91.5	92.2	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8
GE 1200	75.1	88.0	89.9	91.4	93.0	93.3	94.3	94.8	95.1	95.2	95.2	95.3	95.3	95.3	95.3
GE 1000	75.2	88.3	90.3	91.9	93.5	93.9	95.1	95.7	95.8	96.2	96.4	96.5	96.5	96.5	96.5
GE 900	75.3	88.5	90.5	92.2	93.9	94.2	95.5	96.3	96.4	96.9	97.1	97.2	97.2	97.2	97.2
GE 800	75.5	88.7	90.7	92.4	94.2	94.6	96.0	96.9	97.0	97.6	97.8	98.0	98.0	98.0	98.0
GE 700	75.6	88.9	91.0	92.7	94.6	94.9	96.4	97.3	97.5	98.1	98.4	98.6	98.6	98.6	98.7
GE 600	75.6	89.0	91.1	92.9	94.8	95.2	96.7	97.7	97.9	98.6	98.9	99.1	99.2	99.2	99.2
GE 500	75.6	89.0	91.2	93.0	94.9	95.3	96.8	97.9	98.1	98.7	99.1	99.4	99.4	99.4	99.4
GE 400	75.6	89.1	91.2	93.0	95.0	95.3	96.9	98.0	98.2	98.9	99.3	99.4	99.4	99.4	99.4
GE 300	75.6	89.1	91.2	93.0	95.0	95.4	96.9	98.0	98.2	98.9	99.4	99.4	99.4	99.4	99.4
GE 200	75.6	89.1	91.2	93.0	95.0	95.4	97.0	98.1	98.3	99.0	99.5	99.5	99.5	99.5	99.5
GE 100	75.6	89.1	91.3	93.0	95.0	95.4	97.0	98.1	98.3	99.0	99.5	99.5	99.5	99.5	99.5
GE 0	75.6	89.1	91.3	93.0	95.0	95.4	97.0	98.1	98.3	99.0	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 65166



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,  
BROKEN, OVERCAST, & OBLSCURED WERE USED AS INPUT FOR THE  
TOTAL SKY 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

# SKY COVER

701730

INDIAN MOUNTAIN AFS AK

77-84

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.		
		0	1	2	3	4	5	6	7	8	9			10	
JAN	00-02	35.2			23.7							14.0	27.1	4.7	716
	03-05	34.4			24.5							12.2	28.9	4.7	719
	06-08	30.7			28.5							14.2	26.6	4.8	713
	09-11	19.7			28.9							23.4	28.0	5.8	714
	12-14	16.5			23.3							31.6	28.7	6.4	722
	15-17	17.2			26.4							23.9	32.6	6.2	682
	18-20	25.2			29.4							13.1	32.2	5.3	642
	21-23	32.6			25.0							13.3	29.2	4.9	641
TOTALS		26.4			26.2							18.2	29.2	5.4	5549

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SKY COVER

701730 STATION

INDIAN MOUNTAIN AFS AK STATION NAME

77-84

PERIOD

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.			
		0	1	2	3	4	5	6	7	8	9			10		
FEB	00-02	34.3			22.8								14.8	28.1	4.8	670
	03-05	35.6			20.4								15.9	28.1	4.9	666
	06-08	34.1			22.7								14.6	28.7	4.9	666
	09-11	22.6			29.3								23.4	24.7	5.5	676
	12-14	25.7			24.1								22.6	27.5	5.5	676
	15-17	26.0			22.4								22.6	29.1	5.6	678
	18-20	26.0			26.2								17.1	30.8	5.4	650
	21-23	30.6			27.6								17.2	24.5	4.8	633
TOTALS		29.4			24.4								18.5	27.7	5.2	5315

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SKY COVER

701730 STATION

INDIAN MOUNTAIN AFS AK STATION NAME

77-84 PERIOD

MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.		
		0	1	2	3	4	5	6	7	8	9			10	
MAR	00-02	33.5			23.8							12.6	30.1	4.9	744
	03-05	35.8			20.4							11.6	32.3	4.9	744
	06-08	22.2			29.7							16.4	31.7	5.5	744
	09-11	19.0			21.9							27.3	31.9	6.3	744
	12-14	21.0			21.5							26.7	30.8	6.1	744
	15-17	20.8			23.1							23.4	32.7	6.1	744
	18-20	20.0			25.4							22.4	32.3	6.0	741
	21-23	26.2			26.8							17.8	29.2	5.3	740
TOTALS		24.8			24.1							19.8	31.4	5.6	5945

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

# SKY COVER

STATION: 701730 STATION NAME: INDIAN MOUNTAIN AFS AK PERIOD: 77-84 MONTH: APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
		APR	00-02	20.4			26.0							
	03-05	17.4			26.7						18.2	37.6	6.2	718
	06-08	11.4			24.4						22.5	41.7	6.9	717
	09-11	12.5			21.4						30.7	35.3	6.9	719
	12-14	11.7			23.2						32.1	33.1	6.9	720
	15-17	11.5			21.7						29.6	37.2	7.0	720
	18-20	11.5			21.3						28.0	39.2	7.1	668
	21-23	11.7			22.1						22.4	43.8	7.1	642
TOTALS		13.5			23.4						25.0	38.1	6.8	5623

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SKY COVER

701730 STATION

INDIAN MOUNTAIN AFS AK STATION NAME

77-84 PERIOD

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN, TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	12.9			28.1						29.6	29.4	6.4	744
	03-05	10.9			26.5					31.6	31.0	6.7	744	
	06-08	10.8			28.9					32.9	27.4	6.6	744	
	09-11	11.2			27.4					37.5	23.9	6.6	744	
	12-14	10.9			27.6					35.9	25.7	6.6	744	
	15-17	9.3			27.3					39.4	24.1	6.8	744	
	18-20	9.5			32.9					32.0	25.6	6.4	724	
	21-23	13.0			31.4					28.2	27.5	6.2	714	
TOTALS		11.1			28.8					33.4	26.8	6.5	5902	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SKY COVER

701730 INDIAN MOUNTAIN AFS AK

77-84

JUN

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.				
		0	1	2	3	4	5	6	7	8	9			10			
JUN	00-02	4.2			28.3									35.1	32.4	7.2	720
	03-05	4.0			29.6									38.1	28.3	7.1	720
	06-08	5.1			29.7									34.3	30.8	7.1	720
	09-11	3.9			28.8									39.3	28.0	7.2	718
	12-14	1.7			20.4									49.2	28.8	7.9	720
	15-17	.1			22.1									47.1	30.7	8.0	720
	18-20	.7			21.7									47.2	30.5	7.9	702
	21-23	1.9			26.7									40.4	31.0	7.5	693
TOTALS		2.7			25.9									41.3	30.1	7.5	5713

SKY COVER

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

701730  
STATION

INDIAN MOUNTAIN AFS AK

77-84

PERIOD

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.			
		0	1	2	3	4	5	6	7	8	9			10		
JUL	00-02	2.2			32.2								32.6	33.1	7.2	743
	03-05	1.7			29.3								37.5	31.5	7.4	744
	06-08	2.2			27.2								39.4	31.3	7.5	744
	09-11	1.5			28.5								39.4	30.6	7.5	744
	12-14				23.8								46.8	29.4	7.9	744
	15-17				20.6								49.2	30.2	8.1	744
	18-20	.1			22.6								47.3	29.9	7.9	702
	21-23	.7			29.8								39.9	29.5	7.4	681
TOTALS		1.1			26.8								41.5	30.7	7.6	5846















GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC  
 701730 INDIAN MOUNTAIN AFS AK  
 STATION NAME

# DAILY TEMPERATURES

6.3-84 YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
75						.2	1.9	.5					.0
70					2.6	2.6	13.7	4.4					.4
65					9.1	9.1	45.3	16.5					2.3
60					29.1	29.1	70.7	41.4	.4				7.9
55					6.8	57.9	70.7	41.4	2.6				15.2
50					22.2	81.8	91.6	70.4	11.2				21.5
45				.4	44.7	95.2	98.4	88.0	32.5	.5			30.4
40				2.8	69.8	99.3	99.8	97.9	61.6	2.3			36.6
35				14.6	87.0	100.0	100.0	100.0	78.5	6.1	.2		41.2
30	.7	1.5	2.6	27.4	93.2	100.0	100.0	100.0	90.8	23.6	1.8	.5	45.8
25	2.7	3.8	9.6	42.0	95.9				96.7	39.9	5.5	2.0	50.5
20	7.6	8.5	18.8	56.5	98.0				99.1	58.1	10.6	6.2	56.0
15	14.9	15.4	30.7	72.6	99.1				100.0	75.4	25.4	13.2	63.0
10	24.9	22.4	44.3	82.6	99.6					86.5	40.4	24.0	69.5
5	33.9	30.7	57.3	91.9	100.0					91.9	57.3	34.9	75.5
0	43.2	42.6	67.6	97.0						95.5	69.3	46.3	80.7
-5	52.8	53.7	76.5	99.2						97.5	79.6	56.9	85.2
-10	62.1	64.6	84.2	99.8						99.2	86.5	66.9	89.0
-15	69.7	72.5	90.6	100.0						99.7	91.7	73.8	91.8
-20	75.0	80.6	94.9							100.0	95.9	80.6	94.1
-25	81.7	87.8	97.7								98.4	85.4	96.0
-30	86.2	94.9	98.9								99.1	92.0	97.6
-35	90.6	97.7	100.0								100.0	96.6	98.8
-40	95.3	99.8										98.9	99.5
-45	98.2	100.0										99.5	99.8
-50	99.6											100.0	100.0
-55	99.8											100.0	100.0
-60	100.0											100.0	100.0
MEAN	-6.1	-4.0	5.7	21.3	43.0	55.7	57.9	52.9	40.6	20.9	5.1	-4.1	24.1
S. D.	19.248	16.649	14.748	11.517	8.789	6.689	6.180	6.654	7.828	10.908	3.032	16.793	26.743
TOTAL OBS.	551	469	531	529	562	539	569	568	544	606	564	562	6594

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

These tables have been temporarily discontinued for the Russo pending the advent of RUSSWO-2 in mid 1986.

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.



the dew point and wet bulb data in this section should be viewed with caution. When the dry bulb temperature was below -35°F dew points were not transmitted (FMH-1B). As a result, during the colder months the mean dew points are actually lower than indicated. Since wet bulb temperatures are calculated from the dew points, they are also biased toward higher values.

# DAILY TEMPERATURES

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC  
 781730 INDIAN MOUNTAIN AES AK  
 STATION NAME

63-84

YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85					1.3	5							1.2
80					4.1	5.1		1.4					9
75					12.2	20.0		6.5					3.4
70					30.6	42.4		18.3	.6				8.0
65					55.1	61.3		36.3	2.0				13.9
60					75.3	80.5		55.5	10.5				20.9
55					88.3	91.0		78.7	24.8	.2			27.4
50				1.9	52.6	95.9	98.2	92.8	42.8	.7			33.1
45				6.4	78.3	99.8	99.8	99.1	65.3	3.0			38.2
40	.2			21.0	88.4	100.0	100.0	100.0	80.3	7.3			41.9
35	.9	1.5	4.1	35.9	95.2				90.3	20.3	1.2		46.4
30	3.4	5.3	12.2	52.2	97.5				97.8	38.6	5.2		52.0
25	9.1	11.9	23.7	68.1	99.1				99.8	59.6	12.8		58.3
20	15.6	18.8	34.7	79.4	99.5				100.0	77.2	26.6		64.6
15	26.7	25.2	51.2	91.9	99.8					88.9	42.7		71.5
10	35.6	37.1	63.7	97.2	100.0					93.4	62.1		77.7
5	44.5	48.6	75.1	99.1						96.5	73.0		82.7
0	56.1	59.5	84.4	100.0						98.7	83.7		87.3
-5	65.3	69.3	90.8							99.7	89.4		90.8
-10	72.6	79.3	95.1							100.0	94.1		93.4
-15	78.0	87.2	97.6								97.2		95.4
-20	83.5	91.9	99.2								98.6		96.8
-25	86.2	96.8	100.0								98.9		97.8
-30	90.9	99.4									99.8		98.9
-35	95.3	100.0									100.0		99.5
-40	98.2												99.8
-45	99.3												99.9
-50	99.8												100.0
-55	100.0												100.0
MEAN	.0	3.5	13.5	29.6	51.8	65.2	66.8	61.5	47.8	26.2	11.3	1.9	31.6
S. D.	19.304	16.018	13.409	10.862	10.209	8.384	8.453	8.263	9.085	10.195	12.578	16.798	27.665
TOTAL OBS	551	469	531	529	562	539	569	568	544	606	564	562	6594

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC  
 701730 INDIAN MOUNTAIN AFS AK  
 STATION NAME

# DAILY TEMPERATURES

63-84  
 YEARS

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
70								.2					.0
65						.4	.2						.1
60						1.7	1.9	.4					.3
55					.2	7.1	13.9	4.4					2.2
50					1.8	26.7	43.9	21.5	1.3				8.1
45					7.8	59.2	76.6	47.5	5.9				16.9
40					20.6	85.5	94.4	74.3	19.3	.2			24.9
35				.8	47.8	95.7	98.9	90.8	45.0	2.0			32.2
33				4.5	60.3	98.5	99.6	94.5	58.1	4.5			35.5
30			.4	10.4	77.6	100.0	100.0	97.5	70.8	9.4	.4		39.5
25	1.1	1.3	3.0	20.0	90.4			99.6	86.0	23.8	2.3	.5	44.6
20	3.3	3.6	7.3	33.3	93.6			100.0	94.7	40.9	5.9	2.0	49.4
15	7.3	6.8	15.3	46.9	96.4				97.4	58.7	11.3	4.8	54.5
10	14.7	13.0	25.8	63.1	98.6				99.1	71.3	22.9	12.3	60.8
5	22.5	18.3	39.9	73.5	98.9				99.8	81.2	38.3	23.5	67.1
0	30.1	27.7	50.8	82.8	99.5				100.0	87.6	51.1	32.6	72.6
-5	43.2	38.4	61.4	89.8	100.0					93.7	66.3	44.7	78.8
-10	50.8	48.8	68.7	94.9						96.9	75.7	55.2	83.1
-15	60.3	59.3	77.9	97.9						98.2	82.8	65.5	87.2
-20	66.1	67.6	83.6	99.6						99.5	89.9	71.0	90.1
-25	72.6	75.1	89.5	100.0						100.0	93.3	76.3	92.5
-30	77.3	83.2	94.5								97.5	82.2	94.7
-35	84.8	89.3	97.6								99.5	92.2	97.1
-40	91.5	96.4	98.7								100.0	97.2	98.7
-45	95.8	98.9	100.0									98.8	99.5
-50	98.2	99.8										99.8	99.8
-55	99.3	100.0										100.0	99.9
-60	99.8											100.0	100.0
-65	100.0											100.0	100.0
MEAN	-12.1	-11.5	-2.2	12.6	33.6	45.8	48.5	43.8	32.9	15.2	-1.3	-10.1	16.3
S D.	19.507	17.499	16.381	12.984	8.344	6.195	5.517	6.826	7.969	12.185	13.915	17.105	25.995
TOTAL OBS	551	469	531	529	562	539	569	568	544	606	564	562	6594

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC  
 701730 INDIAN MOUNTAIN AFS AK  
 STATION NAME

# DAILY TEMPERATURES

63-84  
 YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
75						.2							.0
70						2.6	1.9	.5					.4
65						9.1	13.7	4.4					2.3
60					.2	29.1	45.3	16.5	.4				7.9
55					1.8	57.9	70.7	41.4	2.6				15.2
50					6.8	81.8	91.6	70.4	11.2				23.5
45				.4	22.2	95.2	98.4	88.0	32.5	.5			30.4
40				2.8	69.8	99.3	99.8	97.9	61.6	2.3			36.6
35				14.6	87.0	100.0	100.0	100.0	78.5	6.1	.2		41.2
30	.7	1.5	2.6	27.4	93.2				90.8	23.6	1.8	.5	45.8
25	2.7	3.8	9.6	42.0	95.9				96.7	39.9	5.5	2.0	50.5
20	7.6	8.5	18.8	56.5	98.0				99.1	58.1	10.6	6.2	56.0
15	14.9	15.4	30.7	72.6	99.1				100.0	75.4	25.4	13.2	63.0
10	24.9	22.4	44.3	82.6	99.6					86.5	40.4	24.0	69.5
5	33.9	30.7	57.3	91.9	100.0					91.9	57.3	34.9	75.5
0	43.2	42.6	67.6	97.0						95.5	69.3	46.3	80.7
-5	52.8	53.7	76.5	99.2						97.5	79.6	56.9	85.2
-10	62.1	64.6	84.2	99.8						99.2	86.5	66.9	89.0
-15	69.7	72.5	90.6	100.0						99.7	91.7	73.8	91.8
-20	75.0	80.6	94.9							100.0	95.9	80.6	94.1
-25	81.7	87.8	97.7								98.4	85.4	96.0
-30	86.2	94.9	98.9								99.1	92.0	97.6
-35	90.6	97.7	100.0								100.0	96.6	98.8
-40	95.3	99.8										98.9	99.5
-45	98.2	100.0										99.5	99.8
-50	99.6											100.0	100.0
-55	99.8												100.0
-60	100.0												100.0
MEAN	-6.1	-4.0	5.7	21.3	43.0	55.7	57.9	52.9	40.6	20.9	5.1	-4.1	24.1
S.D.	19.248	16.649	14.748	11.517	8.789	6.689	6.180	6.654	7.828	10.908	13.032	16.793	26.743
TOTAL OBS	551	469	531	529	562	539	569	568	544	606	564	562	6594

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

701730 STATION INDIAN MOUNTAIN AFS AK STATION NAME 63-84 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH/ YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
63									65	45	19	33	
64	10	29	22	40*	40					44	33	19	
65	31*	13*	38	43*	38*	60*	74*	67		* 23*	34*	23	
66	*	22	31	47	63	75	74*	78*	60*	18			
67			*	52	61	84	82*	79*	58*	44			
68							*	80	61	37	25	31	
69	10*	31*	33	*	72	88*	79*	61*	67*	52*	26*	36	
70	23		*	44	65	74	79	72	53	39	31	36	
71	17	26	32	45	62	85	76	71	57	35	22	31	85
72	33	27	22	43	65	85	84	74	65	40	21	29	85
73	33	32	39	45	64	80	84	70	65	41	30	36	84
74	40*	8	32	53*	76*	75*	84	80*	67*	31	32	9	84
75	28	34	32	45*	66	71	83	76	60	47*	29*	18	83
76	24	28	31	54	66	80	84	82	64	42	36	20	84
77	31	36	35	44	69	74	85	83	65	47	23	32	85
78	29	34	34	53	69	70	80*	79	73	32	35	30	80
79	25	15	36	54	69	74	79	82	64	55	38	26	82
80	30	38	37	52	72	80	83	82	67	40	24	14	83
81	37	32	37	47	76	79	79	72	58	36	28	30	79
82	13	37	39	38	60	82	83	70	64	34	25	30	83
83	26	24	26	48	78	87	81	68	53	36	34	26	87
84	27	5	35	50	66	77	81	68	61	37	23		
MEAN	25.4	27.9	32.5	47.1	67.0	79.1	81.1	75.0	62.2	40.4	28.2	27.0	83.5
S. D.	7.805	8.884	5.292	4.923	5.237	5.555	3.087	5.684	5.180	5.821	5.876	7.720	2.390
TOTAL OBS.	551	469	531	529	562	539	569	568	544	606	564	562	6594

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

## MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

701730 STATION INDIAN MOUNTAIN AFS AK 63-84 YEARS

### WHOLE DEGREES FAHRENHEIT

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
63	-39	-40	-45	-24*	14				15	-1	-33	-21	
64	-42*	-36*	22	-1*	-2*	46*	30*	36		1	-27	-51	
65	*	-38	-43	-13	16	37	35*	33*	19*	4	-12*	-40	
66				*	13	33	34*	35*	26*	20			
67							*	28	10	-9	-30		
68	*	-49*	19*	-26	*	28	41*	26*	37*	-2*	4*	-11	
69	*	-31		-7	19	32	41	34	10	-25	-31	-39	
70	-57	-43	-44	-7	13	36	39	32	21	-5	-30	-34	-57
71	-65	-40	-30	-17	22	32	44	36	13	-10	-17	-36	-65
72	*	-47	-32	2	24	33	37	34	8	-6	-33	-24	* -47
73	*	-43*	-48	0*	16*	30*	33	23*	24*	2	-38	-49	-49
74	-51	-28	-32	-14*	14	38	35	36	18	-25*	-28*	-44	-51
75	-34	-46	-24	-8	26	33	31	38	26	-7	-12	-32	-46
76	-12	-22	-38	-19	24	58	42	30	24	-15	-26	-39	-39
77	-12	-43	-15	0	30	34	38*	32	16	-4	-13	-33	-43
78	-27	-40	-16	-10	31	33	39	35	12	9	-7	-42	-42
79	-39	-22	-23	-1	29	32	36	27	17	2	-8	-43	-43
80	-13	-31	0	-1	27	33	35	30	21	0	-17	-31	-31
81	-38	-38	-18	-20	3	32	40	33	29	-24	-28	-34	-38
82	-47	-25	-16	1	22	33	41	33	3	-5	-10	-16	-47
83	-45	-52	-17	-24	-1	35	37	24	22	-10	-19		
84													
MEAN	-39.2	-36.0	-26.5	-9.2	20.0	33.9	37.8	31.8	16.6	-7.9	-22.3	-35.4	-46.1
S.D.	15.351	8.976	12.707	9.208	9.442	2.076	3.396	4.509	7.071	9.727	9.961	9.550	10.670
TOTAL OBS.	551	469	531	529	562	539	569	568	544	606	564	562	6594

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEN-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

701730 INDIAN MOUNTAIN AFS AK 76-84

HRS. (L.S.T.)	STATION NAME												ANNUAL	
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
00-02	MEAN	-4.0	-7.5	-1.1	11.2	27.1	39.5	45.0	42.4	31.3	15.5	2.7	-9.7	16.6
	S.D.	16.486	19.631	13.824	14.269	8.382	6.761	5.653	7.134	7.954	11.937	12.466	19.478	22.881
	TOTAL OBS	682	640	741	720	744	720	743	744	717	744	714	715	8624
03-05	MEAN	-4.2	-7.9	-1.2	9.0	26.0	38.5	44.4	41.6	30.1	14.8	2.9	-9.2	15.9
	S.D.	16.773	19.603	14.156	14.883	8.546	6.520	5.488	7.224	8.204	12.303	12.926	19.089	22.734
	TOTAL OBS	686	633	739	720	744	720	744	744	717	744	717	707	8615
06-08	MEAN	-4.1	-8.3	-1.6	9.1	28.0	40.8	46.3	42.5	30.1	14.6	2.7	-9.1	16.4
	S.D.	16.215	19.759	14.069	15.065	8.552	6.523	5.136	7.175	8.214	12.454	13.024	19.009	23.332
	TOTAL OBS	683	635	731	720	743	720	744	744	719	744	719	711	8613
09-11	MEAN	-4.1	-8.3	.4	13.2	30.5	41.8	47.9	44.9	32.6	15.7	3.0	-9.2	17.8
	S.D.	16.178	20.369	13.382	14.667	8.387	6.533	5.114	6.856	8.399	11.934	12.529	19.056	23.791
	TOTAL OBS	680	650	742	719	744	720	744	743	719	744	719	719	8643
12-14	MEAN	-4.1	-4.8	4.1	16.2	32.3	41.7	48.1	45.5	34.2	17.6	4.1	-9.4	19.1
	S.D.	16.391	18.881	12.331	13.794	8.579	6.741	5.269	7.217	8.123	11.412	12.045	19.108	23.340
	TOTAL OBS	697	671	744	719	744	720	744	744	719	744	720	722	8688
15-17	MEAN	-4.2	-4.1	5.6	17.9	32.8	41.4	47.9	45.6	34.3	18.1	4.6	-10.1	19.6
	S.D.	16.565	18.756	12.253	12.448	8.733	6.803	5.343	7.178	7.890	11.060	11.678	19.421	23.124
	TOTAL OBS	662	673	744	719	744	720	744	742	720	744	712	720	8644
18-20	MEAN	-4.8	-6.9	3.9	17.3	31.9	41.1	47.9	45.1	33.8	16.6	3.7	-10.7	19.0
	S.D.	16.834	20.217	12.809	12.086	8.949	7.028	5.382	6.918	7.836	11.591	12.244	20.160	23.474
	TOTAL OBS	619	636	740	668	724	702	702	744	719	742	702	654	8352
21-23	MEAN	-5.0	-7.7	1.3	15.0	29.8	41.2	47.0	43.7	32.2	15.5	3.0	-10.7	17.9
	S.D.	16.669	20.169	13.477	12.828	8.852	7.261	5.635	7.035	7.860	11.978	12.362	20.235	23.365
	TOTAL OBS	603	614	738	642	714	693	681	744	717	744	708	620	8218
ALL HOURS	MEAN	-4.3	-6.9	1.6	13.6	29.8	40.7	46.8	43.9	32.3	16.1	3.3	-9.7	17.8
	S.D.	16.498	19.656	13.512	14.215	8.943	6.854	5.549	7.243	8.216	11.895	12.428	19.416	23.291
	TOTAL OBS	5312	5152	5919	5627	5901	5715	5846	5949	5747	5950	5711	5568	68397

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

701730

INDIAN MOUNTAIN AFS AK

76-84

STATION

STATION NAME

YEARS

HRS. (U.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
MEAN	1.1	-1.4	8.7	19.4	39.3	49.9	52.9	48.5	37.5	21.2	8.9	-4.0	23.7
S.D.	18.30	18.85	13.41	13.12	8.60	6.07	5.62	7.26	7.28	10.66	11.65	17.53	23.74
TOTAL OBS	729	675	744	720	744	720	743	744	717	744	714	739	8733
MEAN	1.1	-2.2	7.3	17.2	37.1	47.4	50.9	46.5	36.2	20.5	9.0	-3.9	22.5
S.D.	18.27	19.02	13.54	13.38	8.61	5.79	5.46	7.30	7.32	10.81	11.87	17.39	23.13
TOTAL OBS	729	675	744	720	744	720	744	744	717	744	717	735	8733
MEAN	1.0	-2.8	6.3	17.6	40.4	52.2	55.0	48.0	36.0	20.1	8.9	-3.7	23.4
S.D.	18.07	19.21	13.82	13.51	9.41	6.65	6.38	7.55	7.74	11.21	12.01	17.24	24.55
TOTAL OBS	729	678	744	720	743	720	744	744	719	744	719	737	8741
MEAN	1.3	-1.4	10.0	23.6	46.4	58.3	61.0	54.5	40.9	21.7	9.1	-3.4	27.0
S.D.	17.97	18.67	12.61	12.60	9.93	7.92	7.85	7.97	8.42	10.84	11.76	17.08	26.40
TOTAL OBS	729	678	744	720	744	720	744	744	720	744	719	741	8747
MEAN	2.3	3.8	14.7	27.8	50.6	61.8	64.7	58.8	45.1	24.7	10.8	-3.3	30.3
S.D.	17.50	16.73	11.64	11.64	10.11	8.41	8.70	8.45	9.06	9.95	11.13	16.75	26.82
TOTAL OBS	729	678	744	720	744	720	744	744	720	744	720	741	8748
MEAN	2.2	4.4	16.1	29.4	52.2	62.9	65.8	60.2	46.4	25.1	10.9	-4.0	31.3
S.D.	17.70	16.66	11.45	11.36	9.90	8.24	8.67	8.71	9.35	9.94	10.84	16.95	27.25
TOTAL OBS	693	678	744	720	744	720	744	743	720	744	712	740	8702
MEAN	.8	.7	13.4	28.1	51.1	61.3	64.0	58.3	43.8	22.8	10.0	-4.6	29.7
S.D.	18.41	18.11	12.27	11.57	9.71	8.12	8.35	8.70	9.01	10.62	11.35	17.84	27.35
TOTAL OBS	659	652	741	668	724	702	702	744	719	742	702	681	8436
MEAN	.2	-.8	9.9	24.1	45.8	56.5	58.6	51.9	39.2	21.3	9.3	-4.9	26.4
S.D.	18.64	18.58	13.14	12.31	9.47	7.13	6.98	7.77	7.51	10.84	11.43	18.35	25.61
TOTAL OBS	651	639	741	642	714	693	681	744	717	744	708	651	8325
MEAN	1.3	.0	10.8	23.4	45.3	56.3	59.1	53.3	40.6	22.2	9.6	-4.0	26.8
S.D.	18.10	18.36	13.18	13.27	10.93	9.18	9.11	9.44	9.09	10.76	11.53	17.37	25.84
TOTAL OBS	564	533	594	563	590	571	584	595	574	595	571	576	6916



GLCEAL CLIMATOLOGY BRANCH  
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# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

701730 INDIAN MOUNTAIN AFS AK 76-84

HRS. (L.S.T.)	STATION NAME												ANNUAL	
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
00-02	MEAN	2.9	-0.2	7.6	17.6	34.5	44.9	48.8	45.5	35.1	20.0	8.2	-3.4	22.2
	S.D.	15.004	16.642	12.439	12.435	7.167	5.179	4.645	6.577	6.759	10.320	11.192	16.306	21.370
	TOTAL OBS	682	640	741	720	744	720	743	744	717	744	714	715	8624
03-05	MEAN	2.7	-0.5	6.5	15.6	32.9	43.3	47.6	44.1	33.9	19.4	8.3	-3.1	21.3
	S.D.	15.174	16.457	12.518	12.787	7.264	5.187	4.675	6.766	6.864	10.486	11.442	16.002	20.958
	TOTAL OBS	686	633	739	720	744	720	744	744	717	744	717	707	8615
06-08	MEAN	2.8	-1.1	6.0	16.0	35.4	46.6	50.4	45.3	33.8	19.0	8.2	-3.0	22.1
	S.D.	14.808	16.543	12.300	12.869	7.694	5.320	4.752	6.779	7.135	10.861	11.581	15.933	21.890
	TOTAL OBS	683	635	731	720	743	720	744	744	719	744	719	711	8613
09-11	MEAN	3.1	-0.6	8.7	21.1	39.5	49.9	53.8	49.5	37.4	20.4	8.4	-2.9	24.5
	S.D.	14.466	16.815	11.690	11.659	7.614	5.342	5.062	6.332	7.413	10.376	11.329	15.841	22.901
	TOTAL OBS	660	650	742	719	744	720	744	743	719	744	719	719	8643
12-14	MEAN	3.2	3.4	12.7	24.6	42.4	51.5	55.5	51.8	40.2	23.0	9.9	-2.9	26.0
	S.D.	14.995	15.704	10.796	10.586	7.569	5.209	5.084	6.223	7.332	9.463	10.694	15.671	22.881
	TOTAL OBS	697	671	744	719	744	720	744	744	719	744	720	722	8688
15-17	MEAN	3.1	3.8	14.0	26.0	43.4	51.9	55.9	52.5	41.0	23.3	10.0	-3.6	27.2
	S.D.	15.150	15.746	10.658	10.238	7.298	4.895	4.882	6.166	7.278	9.355	10.435	15.899	23.019
	TOTAL OBS	662	673	744	719	744	720	744	742	720	744	712	720	8644
18-20	MEAN	2.4	.9	11.8	24.9	42.6	51.1	55.1	51.4	39.4	21.3	9.2	-3.9	26.2
	S.D.	15.318	16.752	11.399	10.453	7.347	4.901	4.837	6.233	7.278	10.128	10.927	16.515	23.216
	TOTAL OBS	613	636	740	668	724	702	702	744	719	742	702	654	8352
21-23	MEAN	2.3	.0	8.7	21.7	39.0	48.9	52.4	47.7	36.4	20.0	8.5	-4.0	24.2
	S.D.	15.122	16.793	12.157	11.366	7.559	5.174	4.862	6.566	6.784	10.442	10.979	16.894	22.403
	TOTAL OBS	603	614	738	642	714	693	681	744	717	744	708	620	8218
ALL HOURS	MEAN	2.3	.8	9.5	20.9	38.7	48.5	52.4	48.5	37.2	20.8	8.8	-3.3	24.3
	S.D.	14.994	16.504	12.082	12.228	8.338	5.968	5.712	7.148	7.587	10.295	11.096	16.109	22.439
	TOTAL OBS	5312	5152	5919	5627	5901	5715	5846	5949	5747	5950	5711	5568	68397

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

701730  
STATION

INDIAN MOUNTAIN AFS AK  
STATION NAME

77-84

PERIOD

JAN  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
JAN	00-02	100.0	100.0	99.1	97.8	93.7	83.4	54.3	13.9	2.1	70.2	682	
	03-05	100.0	100.0	99.6	96.8	92.7	84.1	55.0	14.9	1.6	70.1	686	
	06-08	100.0	100.0	99.1	96.3	94.3	84.2	54.6	14.6	1.6	70.4	683	
	09-11	100.0	100.0	99.1	96.3	90.7	79.6	54.1	14.9	.9	69.3	680	
	12-14	100.0	100.0	99.6	96.7	90.1	79.8	51.8	12.1	.9	68.9	697	
	15-17	100.0	100.0	99.7	96.8	90.6	78.9	51.2	12.4	.6	68.8	662	
	18-20	100.0	100.0	99.5	97.9	93.2	77.1	53.2	12.9	1.6	69.3	619	
	21-23	100.0	100.0	98.8	95.9	92.7	78.8	53.7	11.4	1.5	68.9	603	
TOTALS		100.0	100.0	99.3	96.8	92.3	80.7	53.5	13.4	1.4	69.5	5312	

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

701730 STATION

INDIAN MOUNTAIN AFS AK  
 STATION NAME

77-84

PERIOD

FEB  
 MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	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	99.8	98.1	91.9	77.3	48.0	15.8	1.7				68.6	640
	03-05	100.0	100.0	99.8	98.4	93.7	74.4	46.1	13.6	1.1				68.4	633
	06-08	100.0	100.0	99.8	99.4	92.6	75.9	50.4	11.3	.5				68.7	635
	09-11	100.0	100.0	99.8	98.0	86.0	71.2	46.5	16.5	1.2				67.5	650
	12-14	100.0	100.0	99.7	95.1	82.3	66.2	45.2	15.4	2.2				66.4	671
	15-17	100.0	99.9	99.4	96.3	85.3	67.2	45.9	16.9	2.5				66.9	673
	18-20	100.0	100.0	98.4	97.6	88.5	68.7	44.8	17.6	2.5				67.5	636
	21-23	100.0	100.0	99.2	97.4	91.9	74.6	40.9	16.0	2.1				67.6	614
TOTALS		100.0	100.0	99.5	97.5	89.0	71.9	46.0	15.4	1.7				67.7	5152

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**RELATIVE HUMIDITY**

701730 STATION INDIAN MOUNTAIN AFS AK 77-84 PERIOD MAR MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	98.8	91.0	69.9	42.4	15.4	1.3	67.3	741
	03-05	100.0	100.0	99.9	98.8	90.4	67.5	42.5	14.5	2.4	67.4	739
	06-08	100.0	100.0	100.0	98.6	91.4	67.9	44.5	17.1	2.9	67.8	731
	09-11	100.0	99.9	99.5	97.8	87.9	59.8	35.8	13.9	1.8	65.3	742
	12-14	100.0	100.0	99.6	97.7	84.5	55.5	29.8	9.0	.3	63.3	744
	15-17	100.0	100.0	99.9	98.1	85.3	56.7	30.1	9.0		63.8	744
	18-20	100.0	100.0	99.9	98.5	90.9	65.8	37.2	12.8	.4	66.2	740
	21-23	100.0	100.0	100.0	98.9	92.1	71.3	43.1	16.8	1.6	67.9	738
	TOTALS	100.0	100.0	99.9	98.4	89.2	64.3	38.2	13.6	1.3	66.1	5919

GLOBAL CLIMATOLOGY BRANCH  
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 AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

701730 STATION INDIAN MOUNTAIN AFS AK STATION NAME

77-84 PERIOD

APR MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
APR	J0-02	100.0	100.0	100.0	99.2	93.8	75.0	49.4	26.7	7.9	70.0	720	
	03-05	100.0	100.0	100.0	98.6	91.9	73.2	40.8	26.9	9.2	70.6	720	
	06-08	100.0	99.9	99.7	97.8	91.1	72.9	47.2	25.3	0.3	69.9	720	
	09-11	100.0	99.0	97.8	95.3	85.5	64.4	38.1	17.9	3.6	65.5	719	
	12-14	99.9	98.7	97.1	94.3	82.6	58.7	29.1	11.5	1.1	62.9	719	
	15-17	100.0	99.9	99.6	97.4	81.1	55.9	29.3	12.9	1.1	63.2	719	
	18-20	100.0	100.0	100.0	97.8	85.8	61.1	32.2	13.6	1.5	64.7	668	
	21-23	100.0	100.0	100.0	98.6	92.5	72.0	42.0	22.3	6.1	69.0	642	
TOTALS		100.0	99.7	99.3	97.4	88.0	66.8	39.6	19.6	4.9	67.1	5627	

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

701730 STATION INDIAN MOUNTAIN AFS AK STATION NAME 77-04 PERIOD MAY MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.		
		10%	20%	30%	40%	50%	60%	70%	80%	90%					
MAY	00-02	100.0	100.0	98.9	93.1	79.4	58.1	30.6	13.4	2.0				63.3	744
	03-05	100.0	100.0	98.7	94.9	82.3	66.7	37.4	19.1	5.8				66.0	744
	06-08	100.0	100.0	99.3	93.7	78.6	55.0	20.5	12.5	4.0				62.7	743
	09-11	100.0	99.9	95.7	85.9	61.2	36.3	16.8	7.7	1.5				55.9	744
	12-14	100.0	99.5	93.0	75.5	51.9	28.1	12.2	3.2	.1				51.8	744
	15-17	100.0	98.5	90.2	70.8	49.7	23.9	10.5	3.2	.1				50.1	744
	18-20	100.0	98.5	90.7	72.9	49.6	24.0	8.8	2.5	.3				50.3	724
	21-23	100.0	99.7	96.4	82.8	63.3	37.5	13.3	4.0	1.7				55.5	714
TOTALS		100.0	99.5	95.4	83.7	64.5	41.2	19.8	8.3	2.0				57.0	5901

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

701730 STATION INDIAN MOUNTAIN AFS AK 77-84 PERIOD JUN MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
JUN	00-02	100.0	100.0	99.4	97.9	88.5	69.9	45.4	24.4	10.1	69.1	720	
	03-05	100.0	100.0	99.6	98.9	95.1	80.1	53.6	27.5	11.4	72.4	720	
	06-08	100.0	100.0	99.4	96.8	87.5	63.2	37.8	20.7	6.9	66.6	720	
	09-11	100.0	100.0	96.7	81.8	58.1	36.0	23.5	12.8	2.8	56.9	720	
	12-14	100.0	99.4	88.9	67.9	39.3	26.4	16.9	9.0	1.3	50.5	720	
	15-17	100.0	98.8	84.7	60.4	36.0	23.8	14.4	6.9	.7	48.4	720	
	18-20	100.0	99.1	86.0	66.7	43.3	28.3	17.9	8.0	1.0	50.7	702	
	21-23	100.0	99.6	96.0	84.6	65.4	43.9	27.7	13.3	3.2	59.1	693	
TOTALS		100.0	99.6	93.8	81.9	64.2	46.5	29.7	15.3	4.7	59.2	5715	

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

701730  
 STATION

INDIAN MOUNTAIN AFS AK  
 STATION NAME

77-84

PERIOD

JUL  
 MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	98.9	94.2	84.8	68.6	41.2	13.7	75.8	743
	03-05	100.0	100.0	100.0	100.0	96.8	89.8	79.0	51.2	21.0	79.4	744
	06-08	100.0	100.0	100.0	99.5	92.6	81.0	61.4	33.9	13.2	73.9	744
	09-11	100.0	100.0	99.6	94.0	77.4	55.2	32.9	18.4	6.0	64.2	744
	12-14	100.0	99.9	97.3	82.5	61.0	38.2	25.3	12.0	2.8	57.6	744
	15-17	100.0	99.9	93.8	75.9	57.4	36.6	21.0	8.9	2.4	55.3	744
	18-20	100.0	100.0	97.0	80.8	62.7	44.9	26.2	11.0	3.3	58.5	702
	21-23	100.0	100.0	99.6	95.3	83.7	63.9	44.9	21.1	8.5	67.5	681
TOTALS		100.0	100.0	98.4	90.9	78.2	61.8	44.9	24.7	8.9	66.5	5846





GLOBAL CLIMATOLOGY BRANCH  
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 AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

701730 STATION INDIAN MOUNTAIN AFS AK PERIOD 77-84 MONTH SEP

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%	90%				
SEP	00-02	100.0	100.0	100.0	100.0	98.2	91.9	76.4	49.4	17.9			78.7	717
	03-05	100.0	100.0	100.0	100.0	98.5	91.4	76.3	52.2	20.1			79.1	717
	06-08	100.0	100.0	100.0	100.0	98.6	93.0	77.3	53.3	21.7			79.8	719
	09-11	100.0	100.0	100.0	100.0	96.0	80.7	56.6	34.4	11.1			73.4	719
	12-14	100.0	100.0	99.9	96.1	83.6	64.1	41.0	24.8	6.4			67.5	719
	15-17	100.0	100.0	99.7	93.5	77.2	58.9	35.6	20.7	5.0			64.7	720
	18-20	100.0	100.0	100.0	97.2	87.3	70.4	45.9	27.0	9.9			69.3	719
	21-23	100.0	100.0	100.0	99.7	97.4	89.8	65.6	41.6	17.0			76.6	717
TOTALS		100.0	100.0	100.0	98.3	92.1	80.0	59.3	37.9	13.6			73.6	5747

GLOBAL CLIMATOLOGY BRANCH  
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 AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

701730 STATION INDIAN MOUNTAIN AFS AK

77-84

PERIOD

OCT

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
OCT	00-02	100.0	100.0	99.9	99.5	98.1	95.0	79.8	48.5	15.3	78.8	744	
	03-05	100.0	100.0	99.7	98.5	96.9	94.8	80.5	49.5	14.5	78.8	744	
	06-08	100.0	100.0	99.7	99.1	98.0	95.3	82.7	50.7	14.4	79.6	744	
	09-11	100.0	100.0	99.6	99.2	98.3	93.3	76.3	45.6	12.6	77.8	744	
	12-14	100.0	100.0	100.0	98.9	97.0	89.0	66.0	35.2	6.7	74.7	744	
	15-17	100.0	100.0	99.6	99.3	97.6	89.0	66.9	34.9	3.7	75.1	744	
	18-20	100.0	100.0	99.6	99.6	98.2	93.7	74.7	42.7	12.8	77.5	742	
	21-23	100.0	100.0	99.7	99.2	98.3	95.4	77.8	46.5	12.1	78.4	744	
TOTALS		100.0	100.0	99.7	99.2	97.8	93.2	75.6	44.2	12.1	77.6	5950	





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

701730  
 STATION

INDIAN MOUNTAIN AFS AK  
 STATION NAME

76-84

PERIOD

ALL  
 MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	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	100.0	99.3	96.8	92.3	80.7	53.5	13.4	1.4	69.5	5312
FEB		100.0	100.0	99.5	97.5	89.0	71.9	46.0	15.4	1.7	67.7	5152
MAR		100.0	100.0	99.9	98.4	89.2	64.3	38.2	13.6	1.3	66.1	5919
APR		100.0	99.7	99.3	97.4	88.0	66.8	39.6	19.6	4.9	67.1	5627
MAY		100.0	99.5	95.4	83.7	64.5	41.2	19.8	8.3	2.0	57.0	5901
JUN		100.0	99.6	93.8	81.9	64.2	46.5	29.7	15.3	4.7	59.2	5715
JUL		100.0	100.0	98.4	90.9	78.2	61.8	44.9	24.7	8.9	66.5	5846
AUG		100.0	100.0	99.8	95.8	87.5	75.7	59.7	36.0	13.3	72.5	5949
SEP		100.0	100.0	100.0	98.3	92.1	80.0	59.3	37.9	13.6	73.6	5747
OCT		100.0	100.0	99.7	99.2	97.8	93.2	75.6	44.2	12.1	77.6	5950
NOV		100.0	100.0	99.9	99.0	95.7	89.2	74.2	37.7	8.0	75.8	5711
DEC		100.0	99.9	99.5	98.3	94.7	85.0	58.2	29.4	5.2	72.5	5568
TOTALS		100.0	99.9	98.7	94.8	86.1	71.4	49.9	24.6	6.4	68.8	68397

USAFETAC

FORM  
 JUL 64

0-87-5 (OL A)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART F PRESSURE SUMMARY

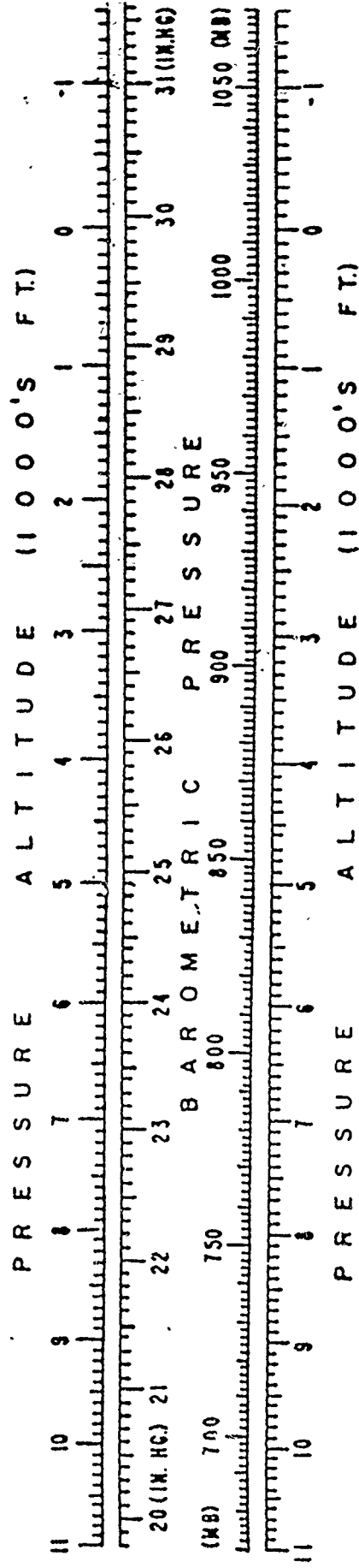
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall 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.



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

76-84

INDIAN MOUNTAIN AFS AK

STATION NAME

YEARS

STATION

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	28.456	28.436	28.427	28.457	28.483	28.516	28.502	28.435	28.326	28.314	28.473	28.443
	S. D.	.389	.389	.234	.267	.207	.146	.203	.221	.317	.349	.446	.298
	TOTAL OBS	243	225	248	240	248	248	248	239	248	248	239	245
05	MEAN	28.451	28.432	28.426	28.455	28.490	28.495	28.522	28.431	28.321	28.308	28.468	28.442
	S. D.	.392	.387	.233	.269	.206	.149	.205	.221	.316	.351	.444	.299
	TOTAL OBS	243	226	248	240	248	248	248	239	248	248	239	245
08	MEAN	28.450	28.433	28.427	28.459	28.498	28.503	28.530	28.437	28.322	28.309	28.468	28.446
	S. D.	.391	.386	.233	.270	.207	.171	.148	.207	.316	.349	.440	.299
	TOTAL OBS	243	226	248	240	248	240	248	240	248	240	247	2916
11	MEAN	28.459	28.443	28.435	28.464	28.497	28.493	28.533	28.444	28.332	28.316	28.478	28.451
	S. D.	.389	.386	.234	.270	.207	.210	.147	.206	.319	.351	.436	.300
	TOTAL OBS	243	226	248	240	248	240	248	240	248	240	247	2916
14	MEAN	28.456	28.439	28.432	28.459	28.485	28.487	28.522	28.435	28.326	28.314	28.478	28.446
	S. D.	.387	.387	.234	.270	.206	.172	.145	.203	.318	.354	.437	.298
	TOTAL OBS	243	226	248	240	248	240	248	247	240	239	247	2914
17	MEAN	28.460	28.431	28.421	28.445	28.470	28.472	28.509	28.423	28.320	28.307	28.475	28.436
	S. D.	.392	.387	.235	.259	.207	.171	.143	.219	.317	.358	.437	.297
	TOTAL OBS	225	226	247	240	248	240	248	240	248	234	247	2891
20	MEAN	28.454	28.449	28.420	28.451	28.476	28.470	28.503	28.425	28.322	28.308	28.496	28.437
	S. D.	.394	.394	.233	.271	.203	.171	.141	.201	.316	.358	.443	.298
	TOTAL OBS	217	213	247	214	238	231	227	248	239	248	217	2773
23	MEAN	28.451	28.437	28.425	28.447	28.480	28.480	28.517	28.431	28.325	28.313	28.484	28.441
	S. D.	.385	.390	.232	.268	.203	.169	.143	.203	.315	.358	.438	.297
	TOTAL OBS	243	226	248	240	248	240	248	239	248	237	246	2911
ALL HOURS	MEAN	28.455	28.438	28.427	28.455	28.485	28.486	28.519	28.433	28.324	28.311	28.477	28.443
	S. D.	.389	.388	.233	.269	.206	.176	.145	.203	.316	.353	.439	.298
	TOTAL OBS	1900	1794	1982	1894	1974	1911	1963	1983	1916	1984	1902	23144



ALGICAL CLIMATOLOGY BRANCH  
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# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

76-84

INDIAN MOUNTAIN AFS AK

701730

STATION NAME

INDIAN MOUNTAIN AFS AK

701730

HRS (L.S.T.)	YEARS												ANNUAL	
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
00	MEAN	1012.2	1011.5	1010.1	1010.5	1009.6	1009.2	1010.1	1010.0	1008.4	1005.7	1006.3	1013.1	1009.7
	S.D.	14.53	14.18	8.28	9.76	7.44	6.13	5.26	7.22	7.86	11.41	12.65	16.58	10.86
	TOTAL OBS	243	225	248	239	248	240	248	248	248	239	238	247	2911
03	MEAN	1012.2	1011.5	1010.1	1010.4	1009.9	1009.5	1010.4	1010.1	1008.4	1005.7	1006.3	1013.2	1009.0
	S.D.	14.60	14.15	8.34	9.77	7.43	6.19	5.36	7.20	7.92	11.41	12.69	16.59	10.88
	TOTAL OBS	243	225	248	240	248	240	248	248	248	239	239	245	2911
06	MEAN	1012.1	1011.5	1010.2	1010.4	1010.2	1009.7	1010.5	1010.2	1008.3	1005.6	1006.1	1013.0	1009.8
	S.D.	14.67	14.16	8.35	9.78	7.39	6.18	5.45	7.31	7.95	11.44	12.73	16.60	10.91
	TOTAL OBS	243	226	248	240	248	240	248	248	240	248	239	244	2911
09	MEAN	1012.1	1011.6	1010.3	1010.5	1010.4	1009.9	1010.7	1010.5	1008.6	1005.7	1006.2	1012.9	1009.9
	S.D.	14.62	14.15	8.35	9.83	7.42	6.19	5.41	7.37	7.98	11.48	12.70	16.40	10.89
	TOTAL OBS	243	226	248	240	248	240	248	248	240	248	240	246	2915
12	MEAN	1012.4	1011.7	1010.5	1010.6	1010.4	1009.9	1010.8	1010.7	1008.7	1006.0	1006.4	1013.3	1010.1
	S.D.	14.56	14.08	8.32	9.81	7.43	6.17	5.35	7.31	7.96	11.49	12.79	16.26	10.86
	TOTAL OBS	243	226	248	240	248	240	248	248	240	248	239	247	2919
15	MEAN	1012.3	1011.5	1010.3	1010.4	1010.0	1009.4	1010.5	1010.4	1008.4	1005.7	1006.3	1013.3	1009.9
	S.D.	14.47	14.11	8.35	9.81	7.42	6.21	5.30	7.23	7.87	11.45	12.86	16.26	10.85
	TOTAL OBS	243	226	248	240	248	239	248	247	240	240	239	247	2913
18	MEAN	1012.6	1011.4	1009.9	1010.1	1009.5	1008.8	1010.0	1009.9	1008.0	1005.6	1006.1	1013.2	1009.0
	S.D.	14.72	14.20	8.37	9.76	7.44	6.22	5.23	7.22	7.89	11.48	13.05	16.27	10.89
	TOTAL OBS	225	226	247	240	248	240	247	248	240	248	234	247	2891
21	MEAN	1012.4	1012.2	1010.1	1010.2	1009.6	1008.6	1009.6	1009.7	1008.1	1005.7	1006.1	1014.1	1009.6
	S.D.	14.80	14.40	8.33	9.90	7.35	6.25	5.11	7.15	7.94	11.46	13.01	16.50	10.92
	TOTAL OBS	217	213	247	214	238	231	227	248	239	248	234	217	2773
ALL HOURS	MEAN	1012.3	1011.6	1010.2	1010.4	1009.9	1009.4	1010.3	1010.2	1008.4	1005.7	1006.2	1013.3	1009.0
	S.D.	14.55	14.15	8.32	9.78	7.41	6.20	5.31	7.25	7.91	11.43	12.79	16.41	10.88
	TOTAL OBS	1900	1793	1982	1893	1974	1910	1962	1983	1916	1900	1902	1940	23139