AD-A134 198 EIELSON AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 22 JUL 83 1/4

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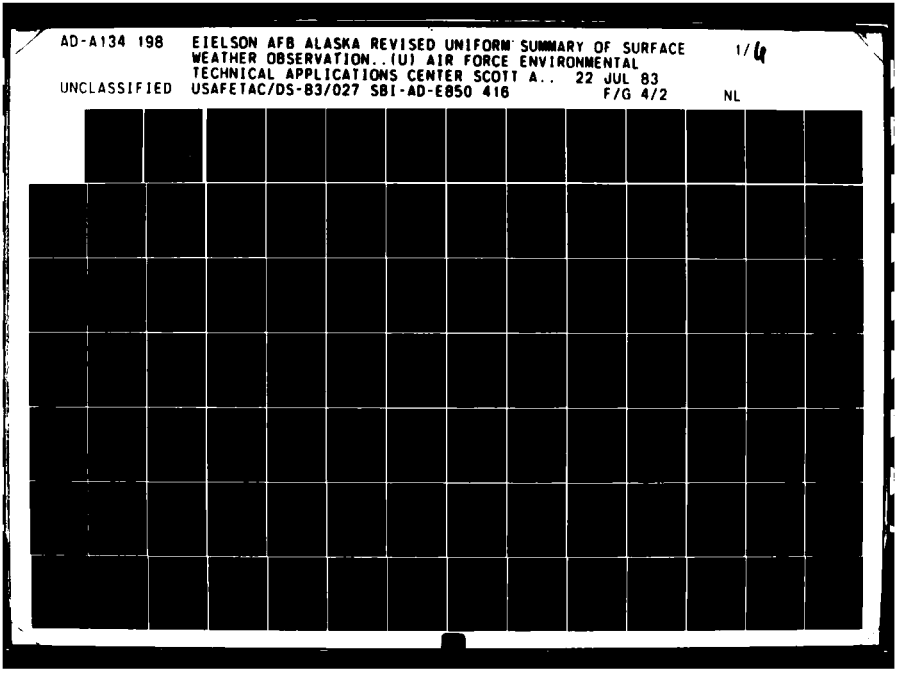

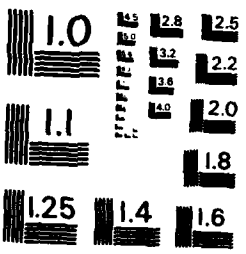

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

NIELSON AFB AK MSC #702650
N 64 40 W 147 06 ELEV 547 FT PEIL

PARTS A-F HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 73 - DEC 82
SUMMARY OF DAY DATA: NOV 44 - JUN 45, NOV 46 - DEC 82

TIME CONVERSION GMT TO LST: -10

JUL 22 1983

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

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

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REPORT DOCUMENTATION PAGE

READ INSTRUCTIONS BEFORE COMPLETING FORM

1. REPORT NUMBER: USAFETAC/DS -83/027 *	2. GOVT ACCESSION NO. AD-A134198
3. RECIPIENT'S CATALOG NUMBER	
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- EIELSON AFB, ALASKA	5. TYPE OF REPORT & PERIOD COVERED: Final rept
	6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s)	8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS: USAFETAC/OL-A, Air Force Environmental Technical Appl. Center, Scott AFB, IL 62225	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS: USAFETAC/CBD, Air Weather Service (MAC), Scott AFB, IL 62225	12. REPORT DATE: JUL 83
	13. NUMBER OF PAGES
14. MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)	15. SECURITY CLASS. (of this report): UNCLASSIFIED
	15a. DECLASSIFICATION DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

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

18. SUPPLEMENTARY NOTES

SUPERSEDES REPT. NO. USAFETAC/DS-79/042 AD A 074 668

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

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

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

This report is a six-part statisitical summary of surface weather observations for EIELSON AFB, ALASKA

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)

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

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*ALASKA *EIELSON AFB
*

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

Accession For
NTIS GRA&I ☑
DTIC TAB ☐
Unannounced ☐
Justification
By
Distribution/
Availability Codes
Dist | Avail and/or Special
A

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.

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA
PART B PRECIPITATION
SNOWFALL
SNOW DEPTH
PART C SURFACE WINDS
PART D CEILING VERSUS VISIBILITY
SKYCOVER
PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY
PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY_____ APRIL_____ JULY_____ OCTOBER_____

FEBRUARY_____ MAY_____ AUGUST_____ NOVEMBER_____

MARCH_____ JUNE_____ SEPTEMBER_____ DECEMBER_____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
702650	EIELSON AFB ALASKA/FAIRBANKS	N 64.40	W 147.06	547	PEIL	70265

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1.	Eielson AFB, Fairbanks	AFB	Dec 46	Jul 54	N 64 39	W 147 04	537 ft	552 ft	24
2.	Same	Same	Jul 54	Jul 59	Same	Same	547 ft	539 ft	24
3.	Same	Same	Jul 59	UNK	N 64 41	W 147 05	548 ft	569 ft	24
4.	Same	Same	UNK	Dec 73	Same	Same	545 ft	558 ft	24
5.	Same	Same	Jan 74	Oct 79	N 64 39	W 147 06	545 ft	545 ft	24
6.	Same	Same	Oct 79	May 80	N 64 40	W 147 06	545 ft	545 ft	24
7.	Same	Same	May 80	Dec 80	Same	Same	547 ft	545 ft	24
8	Same	Same	Jan 81	Apr 83	Same	Same	547 ft	547 ft	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Dec 46	Not available	Selsyn	UNK	UNK	Recorder charts began Feb 48
2	Apr 53	Located on the roof of Control Tower	ML-80	ML-144B	100 ft	
3	Mar 54	Located 1/2 mile N of end of Rnwy	Same	ML-117	12 ft	
4	Mar 55	Dual Instrumented				
		1. 1250 ft SE of the N end of Rnwy 13 R	AN/GMQ-11	RO-2	13 ft	
		2. 1/2 mile N of Rnwy	ML-80	ML-117	12 ft	
5	Mar 56	Located approximately 200 ft E of the touchdown point on Rnwy 13R	AN/GMQ-11	RO-s	13 ft	
6	Mar 57	Located 1250 ft SE of N end of Rnwy 13R	Same	Same	Same	

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CONTINUED ON REVERSE SIDE

NUMBER OF OBSERVATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 59	Located 900 ft N of the S end of Rnwy 31 L	Same	Same	Same	
8	Mar 64	Dual Instrumented				
		1. 1000 ft S of N end of Rnwy 13, 750 ft E of centerline	AM/GMQ-11	RO-s	13 ft	
		2. 1200 ft N of S end of Rnwy 31 275 ft E of Centerline	Same		Same	
9	May 69	Dual Instrumented				
		1. 800 ft S of N end of Rnwy 1e 750 ft E of Centerline	An/GMQ-20	RO-362	13 ft	
		2. 1313 ft N of S end of Rnwy e1 250 ft E of centerline	Same		Same	
0	Nov 77	1. Same	GMQ-20	RO-362	13 ft	
		2. Same	Same		Same	
11	Apr 83	1. Same	Same	Same	Same	
		2. Same				

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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

702650 EIELSON AFB AK 73-82 JAN

STATION 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.
JAN	00-02			.4	12.3		12.4	20.8	.1	.2		21.0	930
	03-05		.1	.4	13.0		13.4	20.6		.3		21.0	930
	06-08			.2	14.0		14.1	22.4		.3		22.7	930
	09-11			.2	14.9		15.2	22.7		.3		23.0	930
	12-14		.1	.8	16.7		16.8	19.5		.5		20.0	930
	15-17			.6	15.2		15.5	20.1		.3		20.4	930
	18-20			.2	16.7		16.9	20.8		.2		21.0	930
	21-23			.1	15.5		15.5	21.2		.3		21.5	930
TOTALS			.0	.4	14.8		15.0	21.0	.0	.3		21.3	7440

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WEATHER CONDITIONS

702650 EIELSON AFB AK 73-82 FEB

STATION 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
FEB	00-02		.4	.4	12.6		13.4	13.5		.4		13.8	846
	03-05		.4	.4	13.6		14.3	14.1				14.1	846
	06-08		.1	.1	13.4		13.6	16.5		.4		16.9	846
	09-11			.2	13.9		14.2	18.2		.1		18.2	846
	12-14			.2	12.2		12.4	7.3		.1		7.3	846
	15-17		.1	.7	11.8		12.2	5.0				5.0	846
	18-20				12.2		12.2	9.6		.2		9.7	846
	21-23		.2	.2	11.2		11.7	11.0		.4		11.3	846
TOTALS			.2	.3	12.6		13.0	11.9		.2		12.0	6768

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7?2650 EIELSON AFB AK 73-82 MAR

STATION STATION NAM 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
MAR	00-02				13.0		13.0	.6		.1		.8	930
	03-05				15.7		15.7	1.8				1.8	930
	06-08				17.4		17.4	2.6		.2		2.8	930
	09-11		.1	.1	16.5		16.6	1.2	.2	.4		1.7	930
	12-14				12.3		12.3	.8	.2	.2		1.2	930
	15-17		.1		14.3		14.3	1.1	.3	.1		1.5	930
	18-20		.2	.1	12.4		12.6	1.0				1.0	930
	21-23		.2		12.4		12.6	1.1				1.1	929
TOTALS			.1	.0	14.3		14.3	1.3	.1	.1		1.5	7439

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WEATHER CONDITIONS

702650 EIELSON AFB AK 73-82 APR

STATION 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.
APR	00-02		1.7		7.6		8.7	.4				.4	900
	03-05		2.3		9.1		10.9	1.1				1.1	900
	06-08		2.6		11.2		12.8	1.1				1.1	900
	09-11		2.0		8.6		9.8	.7		.1		.8	900
	12-14		2.3		6.4	.1	8.3	.4		.3		.8	900
	15-17		2.6		4.3		6.9	.9		.3		1.2	900
	18-20		2.0		5.6		7.4	1.0				1.0	900
	21-23		1.3		6.6		7.4	.8				.8	900
TOTALS			2.1		7.4	.0	9.0	.8		.1		.9	7200

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WEATHER CONDITIONS

702650 EIELSON AFB AK 73-82 MAY

STATION 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
MAY	00-02		4.6		.5		4.9	1.3				1.3	930
	03-05		5.7		.6		6.1	2.0	.2			2.3	929
	06-08		6.6		.8		7.1	1.3	.5			1.8	929
	09-11		6.7		.1		6.8	.5	.8			1.3	930
	12-14	.2	6.3		.1		6.3		.9			.9	930
	15-17	.5	7.7		.3		7.7		.3			.3	930
	18-20	.4	6.7			.1	6.7	.5	.1			.6	929
	21-23		6.6		.2		6.8	.6				.6	930
TOTALS		.1	6.4		.3	.0	6.6	.8	.4			1.1	7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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WEATHER CONDITIONS

7.2650 EIELSON AFB AK 73-82 JUN

STATION 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	.2	10.4				10.4	1.4	.1			1.6	900
	03-05		11.7				11.7	3.2	.9			4.1	900
	06-08		14.6				14.6	1.9	1.9			3.8	900
	09-11	.4	12.7				12.7	1.0	1.3			2.3	900
	12-14	1.1	11.3			.1	11.3	.3	1.1			1.4	900
	15-17	1.9	8.3			.1	8.3	.2	.9			1.1	900
	18-20	.6	8.8				8.8	.2	.3			.6	900
	21-23	.3	9.8				9.8	.2	.2			.4	900
TOTALS		.6	11.0			.0	11.0	1.1	.8			1.9	7200

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WEATHER CONDITIONS

702650 EIELSON AFB AK 73-82 JUL

STATION 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.
JUL	00-02	.3	10.5				10.5	2.7	.1			2.8	930
	03-05	.3	12.9				12.9	6.6	.6			6.9	930
	06-08		12.6				12.6	4.7	.9			5.3	930
	09-11		9.9				9.9	3.7	1.0			4.5	930
	12-14	2.2	12.9				12.9	2.2	.5			2.7	930
	15-17	5.3	11.9				11.9	1.5	.6			2.2	930
	18-20	2.4	12.7				12.7	2.4			.1	2.5	930
	21-23	1.2	10.6				10.6	3.0				3.0	930
TOTALS		1.5	11.8				11.8	3.4	.5		.0	3.7	7440

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WEATHER CONDITIONS

702650 EIELSON AFB AK 73-82 AUG

STATION 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.
AUG	00-02	.1	12.8				12.8	4.5	.3			4.8	930
	03-05		13.0				13.0	10.2	.3			10.3	929
	06-08		11.9				11.9	12.2	.3			12.5	930
	09-11	.2	12.0				12.0	5.7	.8			6.2	930
	12-14	.1	10.3				10.3	2.6	.9			3.4	930
	15-17	1.5	11.3				11.3	1.6	.4			2.0	930
	18-20	.9	9.2				9.2	2.0	.6			2.7	930
	21-23	.6	11.3				11.3	3.2	.6			3.9	930
TOTALS		.4	11.5				11.5	5.3	.5			5.7	7439

USAFETAC FORM JULY 64 0-10-5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702650 EIELSON AFB AK 73-82 SEP

STATION | 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.
SEP	00-02		10.6		3.4		13.3	5.9	.4			6.0	900
	03-05		10.4		2.7		13.1	9.8	.3			9.8	900
	06-08		12.3		3.2		15.2	10.9	.3			10.9	900
	09-11		11.8		3.7		14.7	5.0				5.0	900
	12-14		8.1		2.4		10.2	1.7	.3		.1	2.1	900
	15-17	.1	7.6		1.3		8.9	.1	.1		.1	.3	900
	18-20		10.4		2.0		11.9	1.7	.4			2.1	900
	21-23		10.1		2.2		12.1	3.2	.3			3.6	900
TOTALS		.0	10.2		2.6		12.4	4.8	.3		.0	5.0	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702650 EIELSON AFB AK 73-82 OCT

STATION 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.
OCT	00-02		1.8	.1	23.4		24.8	7.8				7.8	930
	03-05		1.8	.3	24.1		26.0	7.0				7.0	930
	06-08		2.4	.2	22.8		25.2	9.1	.1			9.2	930
	09-11		2.0		24.7		26.2	9.9				9.9	930
	12-14		1.6	.1	21.5		22.7	5.9				5.9	930
	15-17		2.2		20.8		22.5	4.5		.1		4.6	930
	18-20		1.8	.4	23.0		24.7	6.0		.1		6.1	930
	21-23		2.3	.2	26.1		27.8	7.5				7.5	930
TOTALS			2.0	.2	23.3		25.0	7.2	.0	.0		7.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702650	EIELSON AFB AK	73-82	NOV
STATION	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
NOV	00-02		.2	.6	27.1		27.7	9.0				9.0	900
	03-05		.3	.3	28.9		29.3	7.4		.1		7.6	900
	06-08		.6		28.3		28.9	8.4	.3	.2		9.0	900
	09-11		.3	.3	28.3		28.7	8.4	.3	.1		8.9	900
	12-14		.1		27.4		27.6	7.3	.1			7.4	900
	15-17		.4		25.2		25.7	8.6				8.6	900
	18-20		.6	.3	25.6		26.2	9.0				9.0	900
	21-23		.3	.3	26.0		26.3	9.6		.1		9.6	900
TOTALS			.4	.2	27.1		27.6	8.5	.1	.1		8.6	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702650 EIELSON AFB AK 73-82 DEC

STATION 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.
DEC	00-02			.1	23.4		23.4	19.7				19.7	930
	03-05				25.6		25.6	19.9				19.9	930
	06-08				22.3		22.3	20.5		.2		20.8	930
	09-11				18.5		18.5	23.3	.1	.4		23.9	930
	12-14				17.3		17.3	20.1	.4	.2		20.8	929
	15-17			.1	18.2		18.3	22.2	.1	.4		22.8	927
	18-20				21.7		21.7	22.5		.3		22.7	927
	21-23			.1	21.8		21.8	20.8	.1	.1		20.9	927
TOTALS				.0	21.1		21.1	21.1	.1	.2		21.4	7430

USAFETAC FORM JULY 80 0-10-5(GL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702650 EIELSON AFB AK 73-82 ALL

STATION 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.
JAN	ALL		.0	.4	14.8		15.0	21.0	.0	.3		21.3	7440
FEB			.2	.3	12.6		13.0	11.9		.2		12.0	6768
MAR			.1	.0	14.3		14.3	1.3	.1	.1		1.5	7439
APR			2.1		7.4	.0	9.0	.8		.1		.9	7200
MAY		.1	6.4		.3	.0	6.6	.8	.4			1.1	7437
JUN		.6	11.0			.0	11.0	1.1	.8			1.9	7200
JUL		1.5	11.8				11.8	3.4	.5		.0	3.7	7440
AUG		.4	11.5				11.5	5.3	.5			5.7	7439
SEP		.0	10.2		2.6		12.4	4.8	.3		.0	5.0	7200
OCT			2.0	.2	23.3		25.0	7.2	.0	.0		7.3	7440
NOV			.4	.2	27.1		27.6	8.5	.1	.1		8.6	7200
DEC				.0	21.1		21.1	21.1	.1	.2		21.4	7430
TOTALS		.2	4.6	.1	10.3	.0	14.9	7.3	.2	.1	.0	7.5	87633

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

702650	EIELSON AFB AK	48-82	ALL
STATION	STATION NAME	YEARS	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	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY		3.5	3.3	47.8		48.3	47.6	4.7	1.9		50.6	1146
FEB			2.5	1.8	44.8		45.5	35.7	3.6	2.0		38.5	1044
MAR			2.4	.3	37.1	.1	37.7	16.7	1.6	1.9		18.9	1147
APR		.1	8.1	.4	30.2	.1	33.2	7.6		1.2		8.4	1110
MAY		1.6	40.3	.1	7.6	1.1	82.6	5.6	.5	.2		6.1	1146
JUN		9.7	58.5		.2	1.4	58.1	8.5	4.2		.2	12.5	1057
JUL		12.7	61.7	.1	.1	.2	61.8	18.6	6.5			23.2	1085
AUG		4.5	59.6		.4	.5	59.8	27.8	5.5			30.0	1085
SEP		.3	45.7	.2	13.0	.1	51.6	26.7	3.3		.1	29.0	1050
OCT			12.8	1.8	50.1		55.8	32.9	1.5	.5		33.5	1116
NOV			3.7	2.1	51.6		53.3	34.3	2.2	1.6		35.9	1110
DEC			2.1	2.4	52.9		53.6	42.8	3.4	2.0		44.5	1146
TOTALS		2.4	25.1	1.0	28.0	.3	50.1	25.4	3.1	.9	.0	27.6	13242

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

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

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

702650 (STATION) EIELSON AFB AK (STATION NAME) 44-82 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	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
SNOWFALL	NONE	TRACE	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					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	48.1	28.1	3.5	8.1	4.2	4.9	2.4	.5	.2					23.8	1143	.89	4.05	.05
FEB	48.9	26.4	4.6	8.5	4.2	4.9	1.9	.5						24.7	1042	.64	2.52	TRACE
MAR	58.8	18.7	3.8	8.8	4.9	3.7	1.0	.3						22.5	1144	.58	2.71	TRACE
APR	62.3	19.2	2.8	7.0	3.1	4.3	.6	.5						18.4	1107	.50	4.37	TRACE
MAY	52.8	26.7	3.4	5.3	4.6	3.8	2.7	.5						20.5	1144	.80	2.04	.02
JUN	39.0	24.7	5.2	10.1	6.8	7.2	4.7	1.7	.6					36.3	1057	1.68	4.20	.24
JUL	36.9	19.6	5.4	10.9	7.2	10.0	5.9	3.5	.5					43.5	1116	2.47	5.17	.43
AUG	38.2	21.3	4.7	11.2	6.3	9.1	6.1	2.4	.5	.1				40.4	1115	2.28	7.47	.60
SEP	47.0	17.1	6.5	10.3	6.7	7.0	4.3	1.0	.1					35.9	1050	1.33	3.14	.13
OCT	39.9	24.1	6.1	12.6	7.3	7.5	2.4		.1					36.0	1115	.99	3.77	.03
NOV	41.1	26.4	5.8	11.2	7.0	6.7	1.6	.3						32.6	1130	.84	2.68	.06
DEC	42.1	29.1	5.7	10.8	5.0	5.2	1.6	.5						28.8	1176	.75	2.64	.01
ANNUAL	46.3	23.4	4.8	9.6	5.6	6.2	2.9	1.0	.2	.0				30.3	13339	13.75		

USAFETAC FORM OCT 79 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

FROM DAILY OBSERVATIONS

7 2550 EIELSON AFB AK 44-82
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
44											* .13	.07	
45	.07	.34	.16	.11	.29*	.26							
46											.32	.80	
47	.51	TRACE	.07	.09*	.39		.13	.25		.16	.41	.04	
48	.50	.40	.60	.80	.83	.57	.92	.99	.29	.34	.30	.51	.99
49	.31	.81	.09	.05	.27	.59	.69*	.23	.05	.38	.07	.18	.81
50	.53	.13	.39	.08	.10	.84	.92	1.13	.28	.17	.68	.12	1.13
51	.11	.18	.22	.02	.09	.51	.30	.35	.59	.13	.11	.28	.59
52	.81	.04	.26	.14	.18	.50	.56	.71	.67	.27	.06	.01	.81
53	.37	.06	.05	.13	.53	1.36	1.26	2.00	.41	.26	.06	.19	2.00
54	.60	.15	.29	.01	.17	1.02	.51	.22	1.29	.08	.24	.51	1.29
55	.21	.50	.34	.14	.89	1.26	.82	.54	.83	.25	.17	.41	1.26
56	.27	.34	.05	.16	.40	.53	.57	.92	.42	.43	.35	.27	.92
57	1.18	.60	.43	.10	.07	.16	1.01	.43	.54	.23	.17	.24	1.18
58	.17	.19	.20	.12	.46	.27	1.12	.29	.42	.33	.18	.20	1.12
59	.35	.43	.25	.07	.76	.34	.69	.44	.86	.30	.32	.23	.86
60	.49	.20	.19	.22	.10	.30	.21	1.02	.85	.20	.24	.08	1.02
61	.05	.14	.06	.36	.25	.26	.97	1.18	.46	.48	.22	.27	1.18
62	.38	.60	.56	.26	.43	1.23	1.64	.64	.42	.07	.12	.26	1.64
63	.49	.15	.80	.61	.10	.57	.56	.90	.11	1.18	.29	.31	1.18
64 *	.09*	.32*	.17	.20	.28	1.00	.54	.43	.37	.26	.33	.21	1.00
65 *	.05	.23	.30*	.17	.26	.38	.38	1.10	.90*	.13	.19*	.72	1.10
66	.04*	.75*	.10	.19	.14	.40	.23	.34	.66	.26	.53	.21	* .75
67 *	.13	.08	.33*	.19	.33	.73	1.63	3.41	.22	.16	.09	.21	3.41
68	.47	.09	TRACE	.05	.80	.81	.63	.29	.08	.24	.06	.75	.81
69	.27	.09	.19	TRACE	.29	.26	.21	.69	.19	.02	.21	.02	.69
70	.05	.10	.03	.23	.24	.67	.28	.40	.46	.23	.74	.24	.74
71	.19	.17	.09	.14	.23	.18	.54	.56	.54	.48	.50	.40	.56
72	.10	.07	.20	.11*	.04	.30	.34	.23	.49	.27	.24	.21	.49
73	.29	.01	.13	.03	.59	.92	.63	.59	.06	.41	.23	.17	.92
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

702650 (STATION) — EIELSON AFB AK (STATION NAME) — 48-82 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	.15	.23	.29	.07	.06	.60	.55	.72	.15	.45	.25	.18	.72
75	.33	.04	.27	.56	.01	.10	.68	.62	.21	.14	.25	.02	.68
76	.05	TRACE	.11	.02	.41	.14	.83	.53	.21	.25	.06	.04	.83
77	1.21	.23	.11	.20	.26	1.38	.62	.21	.57	.25	.11*	.22	1.38
78	.31	.12	.06	.12	.14	.30	.35	.58	.32	.18	.27	.20	.58
79	.29	.04	.18	.19	.11	.47	.80	.78	.06	.07	.23	.10	.80
80	.22	.11	.10	TRACE*	.22	.81	.45	.64	.18	.10	.23	.05	.81
81	.04	.73	.18	.10	.47	.47	.91	.39	.23	.10	.15	.26	.91
82	.08	.26	.10	.14	.49	.37	.72	.88	.23	.24	.38	.05	.88
MEAN	.329	.225	.219	.166	.325	.589	.671	.726	.418	.268	.253	.231	.972
S D	.291	.209	.175	.174	.235	.357	.359	.591	.286	.198	.161	.184	.327
TOTAL OBS	1143	1092	1144	1107	1144	1057	1116	1115	1050	1115	1130	1176	13339

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

7 2650 EIELSON AFB AK 44-82
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
44											* .28	.16	
45	.08	.50	.50	.47	.67*	.66							
46											.53	1.61	
47	2.00	TRACE	.22	.23*	.63		.43	.60		.76	.95	.06	
48	1.30	.65	1.09	4.37	1.41	2.05	3.67	5.01	.59	.80	.82	2.45	24.21
49	1.12	1.67	.32	.18	.87	3.13	4.06*	1.51	.13	.79	.13	.53	*14.44
50	2.08	.15	.79	.09	.28	1.00	3.04	2.62	.58	.58	1.48	.45	13.14
51	.29	.73	.47	.02	.31	1.32	1.45	1.17	1.13	.29	1.05	.94	9.17
52	1.39	.16	.82	.19	.66	1.71	2.64	1.85	2.21	.64	.12	.01	12.40
53	.11	.16	.08	.15	1.67	2.48	2.62	3.32	1.32	.48	.06	.57	13.02
54	1.68	.20	.79	.01	.30	2.47	2.30	1.15	2.23	.25	.55	1.31	13.24
55	.69	1.97	1.07	.36	2.04	4.20	2.70	3.29	2.09	1.12	.75	2.64	22.92
56	1.20	2.15	.08	.53	1.15	1.40	1.75	3.07	1.20	1.88	1.87	.83	17.11
57	4.05	2.52	.58	.21	.15	.24	2.15	.74	2.19	1.24	.40	.58	15.05
58	.79	.27	.50	.37	.98	.71	1.83	.83	1.57	1.47	.96	.63	10.91
59	.36	1.87	.52	.18	1.39	.86	3.84	1.86	2.22	1.21	1.46	1.34	17.11
60	1.52	.80	.71	.41	.25	1.02	.86	2.62	2.98	.78	.66	.27	12.88
61	.14	.47	.21	1.59	.78	.96	4.15	4.24	3.14	2.97	.93	.80	20.38
62	1.49	2.13	1.58	.83	.96	2.68	5.17	3.43	1.91	.34	.34	.88	21.74
63	2.04	.59	2.71	1.31	.27	3.15	2.30	3.29	.20	2.63	.84	.74	20.07
64 *	.23*	1.08*	.62	1.00	.91	1.97	2.20	1.93	1.21	.64	.93	.78	*13.50
65 *	.12	.37	.57*	.49	.31	2.00	1.66	2.23	2.75*	.91	.96*	1.57	*13.94
66	.05*	1.96*	.26	.44	.71	1.29	.80	1.01	.98	.67	2.15	.30	*10.62
67 *	.54	.24	1.46*	.72	1.10	1.34	4.98	7.47	.53	.43	.48	.99	*20.28
68	1.19	.20	TRACE	.15	1.06	2.44	1.46	1.62	.21	.59	.27	1.08	10.27
69	.51	.13	.50	TRACE	.74	.55	2.09	2.42	.20	.03	.43	.02	7.62
70	.13	.20	.06	.37	.94	1.91	1.29	1.47	1.77	1.01	2.68	1.17	13.00
71	.44	.84	.22	.30	.62	.33	2.15	3.25	2.06	3.77	.79	1.48	16.25
72	.48	.16	.53	.28*	.06	.81	1.20	.71	2.55	1.05	.68	.67	* 9.18
73	.60	.01	.43	.06	1.39	1.58	3.04	2.28	.19	1.45	1.03	.32	12.38
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 66 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

702650 STATION — EIELSON AFB AK STATION NAME — 48-82 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	.23	.69	.75	.12	.09	1.33	1.70	1.61	.34	1.32	1.24	.75	10.17
75	.64	.08	.53	.85	.02	.84	2.12	3.36	.76	.62	.61	.08	10.03
76	.09	TRACE	.41	.02	1.22	.34	3.55	1.29	.47	.68	.26	.09	8.42
77	1.53	.57	.38	.49	1.03	3.58	2.24	.76	2.98	1.29	.28*	.71	*15.84
78	.55	.30	.12	.35	.30	1.32	.79	1.84	1.34	.60	1.10	1.19	9.80
79	.69	.04	.68	.67	.26	2.06	3.64	1.62	.18	.84	.69	.56	11.53
80	.75	.15	.18	TRACE*	.46	2.24	2.00	1.73	.59	.26	.91	.16	* 9.45
81	.06	1.09	.18	.21	1.15	1.34	4.21	1.66	.80	.41	.57	.51	12.19
82	.13	.44	.29	.57	1.19	2.41	2.99	2.62	1.03	1.20	1.15	.11	14.13
MEAN	.894	.692	.581	.497	.799	1.676	2.479	2.285	1.332	.991	.881	.751	14.042
S.D.	.842	.711	.529	.767	.492	.969	1.187	1.396	.936	.792	.557	.622	4.526
TOTAL OBS	1143	1092	1149	1107	1144	1057	1116	1115	1050	1115	1130	1176	13339

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

7 2650 — STATION
EIELSON AFB AK — STATION NAME
44-82 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	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					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	47.8	26.1	9.3	9.2	3.6	1.7	1.0	1.0	.3	.1				26.2	1116	10.5	35.1	1.1
FEB	52.4	20.5	12.1	9.2	2.5	1.6	.8	.5	.4	.1				27.1	1017	8.6	34.2	TRACE
MAR	59.6	16.2	10.9	7.8	3.3	1.0	.7	.2	.3					24.2	1116	7.2	30.9	.2
APR	66.4	16.5	8.1	5.3	2.3	.6	.2	.5	.1					17.1	1080	5.0	37.9	TRACE
MAY	91.4	5.9	1.2	1.0	.4	.2								2.7	1113	.8	6.0	.0
JUN	99.8	.2													1049	TRACE	TRACE	.0
JUL	99.9	.1													1116	TRACE	TRACE	.0
AUG	99.6	.4													1115	TRACE	TRACE	.0
SEP	86.3	8.4	1.6	2.4	.5	.3	.5	.1						5.3	1050	1.9	12.4	.0
OCT	46.7	20.0	12.9	12.1	3.8	3.0	.9	.5	.1	.1				33.3	1116	11.7	39.6	.9
NOV	42.8	22.0	13.6	11.6	5.5	2.5	.9	.4	.7					35.2	1110	12.5	46.8	.6
DEC	42.9	25.7	13.3	10.5	4.1	1.2	1.2	.8	.3	.2				31.6	1196	11.2	32.1	.1
ANNUAL	69.6	13.5	6.9	5.8	2.2	1.0	.5	.3	.2	.0				16.9	13148	69.4		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

7 2650 EIELSON AFB AK 44-82
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
44													
45													
46											4.0	8.0	
47	5.1	TRACE	.7	.6*	.1		.0	.0		1.2	4.1	.4	
48	5.0	4.0	6.0	8.0	.3	.0	.0	TRACE	.7	3.4	3.0	5.1	8.0
49	.1	8.1	.9	.5	2.0	.0	.0*	.0	.0	3.8	.7	1.8	8.1
50	5.3	1.3	3.9	.8	TRACE	.0	.0	.0	TRACE	1.7	6.8	1.2	6.8
51	1.1	1.8	2.2	TRACE	.1	.0	.0	.0	.1	1.3	1.1	2.8	2.8
52	8.1	.4	2.6	1.4	1.2	.0	.0	.0	1.7	2.7	.6	.1	8.1
53	.7	.6	.5	1.3	TRACE	.0	.0	.0	.1	6.0	.6	1.9	6.0
54	8.1	1.5	2.9	.1	.0	.0	.0	.0	TRACE	.8	2.4	5.1	8.1
55	2.3	3.9	3.5	1.4	TRACE	.0	.0	TRACE	TRACE	2.2	1.9	5.4	5.4
56	3.1	3.1	.4	1.5	.6	.0	.0	.0	.3	6.4	3.6	2.7	6.4
57	12.7	5.4	3.6	.8	.1	.0	.0	.0	4.3	3.4	1.8	2.5	12.7
58	2.2	2.5	2.1	.8	.7	.0	.0	.0	.9	3.3	1.7	2.0	3.3
59	3.9	4.2	2.5	.9	.0	.0	.0	.0	TRACE	1.9	3.2	2.3	4.2
60	4.9	2.0	1.9	2.1	TRACE	.0	.0	.0	5.0	1.3	2.4	.8	5.0
61	.5	1.4	.6	3.6	.2	.0	.0	.0	2.4	4.3	2.2	2.7	4.3
62	3.8	6.0	5.6	2.6	.4	.0	.0	TRACE	3.6	.7	1.2	2.5	6.0
63	4.9	1.5	8.0	6.1	.7	TRACE	.0	.0	.0	11.8	2.9	2.9	11.8
64	1.2	1.7	1.9	2.1	2.9	.0	.0	.0	TRACE	2.6	5.9	3.7	5.9
65	1.0	7.2	.4	2.8	2.1	.0	.0	.0	1.4	3.4	3.2	11.3	11.3
66	.8	14.2	1.4	1.1	1.3	.0	.0	.0	.0	3.0	8.1	3.0	14.2
67	3.3	1.4	7.0	2.3	TRACE	.0	.0	.0	TRACE	2.4	2.6	4.0	7.0
68	5.5	2.2	.2	3.0	2.4	.0	.0	.0	.6	2.7	1.7	10.0	10.0
69	2.9	1.4	4.2	.2	.3	.0	.0	TRACE	.0	.6	4.2	.2	4.2
70	1.2	1.8	.7	3.4	TRACE	.0	.0	.0	4.1	3.4	8.4	6.7	8.4
71	7.2	2.0	1.9	1.4	2.9	.0	.0	.0	TRACE	4.9	4.9	5.8	7.2
72	1.5	1.6	2.1	1.3*	TRACE	.0	.0	.0	3.7	2.6	3.7	2.4	3.7
73	3.7	.3	1.5	.4	TRACE*	.0	.0	.0	.9	4.1	3.7	2.1	4.1
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 64 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

702650 EIELSON AFB AK 48-82
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	2.2	3.8	3.2	.6	TRACE	TRACE	.0	.0	.4	7.4	7.0	6.4	7.4
75	5.9	.6	3.7	5.7	TRACE	.0	.0	.0	TRACE	3.4	3.7	.3	5.9
76	1.4	.2	2.7	.2	TRACE	.0	.0	.0	.0	5.1	1.9	.6	5.1
77	5.6	5.2	1.2	3.5	.0	.0	.0	.0	.9	3.8	1.7*	3.5	5.6
78	4.2	2.0	1.3	.7	.0	.0	.0	.0	.2	2.6	3.3	4.2	4.2
79	6.0	2.7	2.4	2.1	.0	.0	.0	.0	TRACE	1.0	2.3	2.0	6.0
80	4.1	1.3	1.3	TRACE*	.0	.0	.0	.0	.5	1.2	2.5	1.4	4.1
81	.8	8.1	1.8	1.1	.0	.0	TRACE	.0	TRACE	.7	2.9	5.9	8.1
82	2.3	5.0	3.2	2.1	.7	.0	.0	.0	TRACE	3.4	4.8	1.4	5.0
MEAN	3.77	3.07	2.50	1.85	.55	TRACE	TRACE	TRACE	.91	3.18	3.26	3.36	6.96
S.D.	2.624	2.895	1.864	1.793	.899	.000	.000	.000	1.460	2.213	1.969	2.677	2.778
TOTAL OBS.	1114	1017	1116	1080	1113	1049	1116	1115	1050	1116	1110	1146	13144

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 66 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

7 2650 EIELSON AFB AK 44-82
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
44													
45													
46											5.0	16.1	
47	20.2	TRACE	2.2	.6*	.1		.0	.0		6.4	9.5	.6	
48	13.0	6.5	10.9	37.9	.3	.0	.0	TRACE	1.9	7.6	7.2	24.5	109.8
49	11.2	16.7	3.2	1.8	2.5	.0	.0*	.0	.0	7.0	1.3	5.3	* 49.0
50	20.8	1.5	7.9	.8	TRACE	.0	.0	.0	TRACE	5.8	14.8	4.5	56.1
51	2.9	7.3	4.7	TRACE	.1	.0	.0	.0	.1	2.9	10.5	9.4	37.9
52	13.9	1.5	8.2	1.8	1.7	.0	.0	.0	4.0	6.3	1.1	.1	38.6
53	1.1	1.5	.8	1.5	TRACE	.0	.0	.0	.1	12.7	.6	5.7	24.0
54	22.1	2.0	8.3	.1	.0	.0	.0	.0	TRACE	3.0	5.3	13.7	54.5
55	7.6	16.3	10.7	3.6	TRACE	.0	.0	TRACE	TRACE	13.2	8.2	32.1	91.7
56	14.0	23.6	.7	5.0	.0	.0	.0	.0	.5	21.8	18.9	8.6	93.1
57	35.1	22.4	5.1	1.9	.1	.0	.0	.0	11.4	14.8	4.2	6.0	101.0
58	8.9	3.2	5.2	2.0	.7	.0	.0	.0	3.7	13.0	9.6	6.5	52.8
59	4.0	18.3	5.3	2.0	.0	.0	.0	.0	TRACE	5.5	14.6	13.4	63.1
60	15.2	8.0	7.1	4.0	TRACE	.0	.0	.0	5.9	4.8	7.0	2.7	54.7
61	1.3	4.7	2.1	14.7	.2	.0	.0	.0	5.0	27.8	9.3	7.9	73.0
62	14.9	21.2	15.8	8.3	.6	.0	.0	TRACE	6.0	3.4	2.4	8.7	81.3
63	16.8	5.9	26.5	9.4	.7	TRACE	.0	.0	.0	19.7	8.4	7.4	94.8
64	2.4	10.1	7.3	10.1	6.0	.0	.0	.0	TRACE	4.8	18.4	15.9	75.0
65	2.7	10.9	1.1	5.5	3.3	.0	.0	.0	2.1	17.7	23.6	31.1	98.0
66	1.4	39.2	5.7	2.4	1.6	.0	.0	.0	.0	9.7	42.0	6.1	103.1
67	15.9	6.1	30.9	10.1	TRACE	.0	.0	.0	TRACE	6.2	9.9	17.9	97.0
68	21.1	7.2	.2	6.1	2.4	.0	.0	.0	1.5	12.5	9.5	20.1	80.6
69	8.9	2.3	12.9	.2	.3	.0	.0	TRACE	.0	.9	12.7	.3	38.5
70	4.3	5.3	1.5	9.8	TRACE	.0	.0	.0	12.4	17.9	46.8	28.0	126.0
71	12.5	13.7	5.1	2.3	4.9	.0	.0	.0	TRACE	39.6	11.1	23.7	112.9
72	7.9	3.9	7.5	4.0	*TRACE	.0	.0	.0	8.3	10.2	11.0	11.9	* 64.7
73	6.6	.4	5.4	.7	TRACE*	.0	.0	.0	1.4	11.8	18.1	4.8	* 49.2
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-9 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

[redacted]
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

702650 EIELSON AFB AK 48-82
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	3.1	8.9	9.8	.8	TRACE	TRACE	.0	.0	.4	21.5	23.1	21.5	89.1
75	13.3	.6	8.4	9.4	TRACE	.0	.0	.0	TRACE	14.7	10.4	1.2	57.7
76	3.0	.4	7.7	.2	TRACE	.0	.0	.0	.0	16.6	6.7	1.5	36.1
77	14.3	10.9	6.3	9.7	.0	.0	.0	.0	.9	18.5	5.1*	10.1	* 75.8
78	7.4	3.9	2.9	1.3	.0	.0	.0	.0	.2	11.4	19.4	19.1	65.6
79	11.9	2.7	9.5	5.2	.0	.0	.0	.0	TRACE	5.0	7.6	7.5	49.4
80	12.4	2.2	2.2	TRACE*	.0	.0	.0	.0	.5	2.8	12.4	3.2	* 35.7
81	1.9	19.2	1.8	1.3	.0	.0	TRACE	.0	TRACE	3.1	12.2	12.5	47.0
82	4.3	10.5	9.9	7.1	.7	.0	.0	.0	TRACE	20.9	24.4	3.1	80.9
MEAN	10.50	8.58	7.24	5.04	.79	TRACE	TRACE	TRACE	1.89	11.71	12.49	11.18	72.78
S D	7.583	7.976	6.961	6.820	1.477	.000	.000	.000	3.282	8.265	9.897	8.995	26.707
TOTAL OBS	1116	1017	1116	1080	1113	1069	1116	1115	1050	1116	1110	1146	13164

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

7 2650 — STATION
EIELSON AFB AK — STATION NAME
44-82 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	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
SNOWFALL	NONE	TRACE	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					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN		1.3	1.4	.3	3.3	6.0	23.3	49.2	12.9	2.3				98.7	1116			
FEB		1.0	.5	2.8	.8	4.3	18.1	42.1	26.2	4.0	.3			99.0	1017			
MAR	.5	1.1	.5	3.8	2.9	4.4	18.4	43.0	20.9	4.6				98.4	1116			
APR	20.3	12.5	5.1	3.2	3.1	7.8	17.5	24.4	5.2	.8				67.2	1080			
MAY	92.5	4.4	.7	.5	.6	.4	.3	.4						3.1	1114			
JUN	100.0														1080			
JUL	100.0														1115			
AUG	100.0														1115			
SEP	95.8	2.4	.5	.6	.3	.5								1.8	1080			
OCT	33.0	8.2	11.1	9.1	9.8	21.6	7.2	.1						58.9	1116			
NOV	1.4	4.1	5.9	6.4	9.4	22.8	36.3	13.3	.5					94.6	1110			
DEC		.3	2.9	1.3	3.9	14.7	40.2	32.0	4.3	.4				99.7	1146			
ANNUAL	45.3	2.9	2.4	2.3	2.8	6.9	13.4	17.0	5.8	1.0	.0			51.8	13205			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

702650 EIELSON AFB AK 44-82
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
44											*	5	6	
45	6	8	12	11	5*	0							
46											10	19	
47	41	39	35	7*	0	0	0	0	0	5	14	12	41
48	20	26	39	45	16	0	0	0	TRACE	5	6	20	45
49	20	32	24	10	3	0	0*	0	0	6	2	8	32
50	29	30	35	24	TRACE	0	0	0	0	8	20	29	35
51	33	39	41	39	TRACE	0	0	0	TRACE	3	13	24	41
52	38	31	30	18	10	0	0	0	2	6	6	3	38
53	4	5	5	3	0	0	0	0	0	5	6	10	10
54	19	16	16	9	0	0	0	0	0	1	2	12	19
55	13	25	26	10	1	0	0	0	0	6	9	25	26
56	25	37	36	26	0	0	0	0	TRACE	10	18	15	37
57	37	37	24	20	TRACE	0	0	0	4	5	5	9	37
58	13	13	13	10	0	0	0	0	TRACE	8	11	16	16
59	18	26	21	20	0	0	0	0	TRACE	3	8	12	26
60	19	18	21	16	TRACE	0	0	0	3	3	8	8	21
61	8	3	4	7	0	0	0	0	TRACE	12	14	17	17
62	24	35	48	26	5	0	0	0	1	2	2	7	48
63	16	18	29	26	TRACE	0	0	0	0	6	9	10	29
64	10	17	18	16	1	0	0	0	0	3	12	19	19
65	16	24	20	1	2	0	0	0	0	10	20	33	33
66	33	54	33	16	3	0	0	0	0	5	25	20	54
67	28	25	32	28	0	0	0	0	0	4	6	10	32
68	27	20	14	7	1	0	0	0	0	6	10	22	27
69	21	21	25	19	0	0	0	0	0	1	9	5	25
70	8	9	8	4	0	0	0	0	4	6	34	39	39
71	36	34	38	19	2	0	0	0	0	8	14	22	38
72	23	24	23	23	7	0	0	0	5	6	10	14	24
73	17	16	15	6	0	0	0	0	TRACE	6	14	13	17
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

702650 (STATION) EIELSON AFB AK (STATION NAME) 44-82 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS
74	14	19	21	15	0	0	0	0	TRACE	13	17	25	25
75	30	28	26	26	6	0	0	0	0	5	9	9	30
76	9	7	12	10	0	0	0	0	0	12	8	1	12
77	7	16	13	17	0	0	0	0	TRACE	9	8*	15	17
78	20	20	17	15	0	0	0	0	0	8	16	22	22
79	25	30	26	24	0	0	0	0	0	4	4	8	30
80	14	10	4	TRACE*	0	0	0	0	TRACE	1	9	9	14
81	9	10	5	1	0	0	0	0	TRACE	2	7	12	12
82	13	13	16	12	TRACE	0	0	0	0	10	19	19	19
MEAN	20.1	22.6	22.3	15.8	1.6	.0	.0	.0	.5	5.9	11.2	15.2	28.2
S.D	9.909	11.390	11.217	10.197	3.473	.000	.000	.000	1.320	3.166	6.674	8.967	10.936
TOTAL OBS	1147	1045	1147	1110	1145	1087	1116	1115	1080	1116	1130	1177	13915

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 64 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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

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

C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

702650 EIELSON AFB AK 50-82
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50						SSE 30N	27NW	25WSW	30SE	17W	45W	35	
51	S 9W	42E	24ESE	36NNE	30E	30WSW	35NW	27SSE	37ESE	36SE	36WNW	64	WNW 64
52	WNW 24SSE	30SSE	31WSW	28W	33ESE	32ESE	28WSW	26WSW	29SE	46SE	37SE	20	SE 46
53	S 12SE	37W	31NE	31NE	29SW	32S	30SW	41W	*23W	*27ESE	*25SW	*16	SW 41
54	* *30SW	*38ENE	*39NNE	30ENE	*30W	31SE	*32			WSW	21SW	17	
55	ESE 25W	30WSW	19W	19WNW	21WSW	29NNE	22SW	19W	12SE	12NE	8NE	18	W 30
56	ENE 15W	8NE	*13	5	*21SSE	*25WSW	20W	32WSW	25NNE	20SSE	25NW	7	
57	* 15WNW	37SE	25S	24ENE	21NNE	20W	24SSE	20SE	24SE	19SSE	*21W	9	WNW 37
58	SW 19NE	18W	24W	21WSW	23WSW	24W	26SSE	23W	26W	60SE	18ENE	16	W 60
59	ENE 14W	20WSW	13S	28SW	21WSW	*22W	26W	*20SE	28SE	25SE	19SE	13	S 28
60	SE 16NE	12NNE	24SE	22W	23N	26W	24NE	22ESE	*21W	*29SSE	16SE	31	SE 31
61	SSE 42NE	22SE	23W	27ESE	30W	*25S	31SE	33WSW	32WSW	23SSE	36N	17	SSE 42
62	W 36W	24SE	24W	26WNW	24SSW	24SE	27W	33SE	29SSE	28ESE	23SW	19	W 36
63	NE 14ENE	20W	*42ESE	21NNE	32W	29WSW	25WSW	*26NNE	*25SE	*26W	*21SE	*25	W *42
64	W *11SE	30SE	22W	*23ESE	*26ESE	*22NE	*30WSW	25W	24SE	28SE	26WSW	23	SE 30
65	SSE 31WNW	17SE	27WSW	36W	30ESE	33W	27WSW	27SE	26W	26WSW	27WSW	39	WSW 39
66	ESE 25W	30SW	26W	32NNW	28NE	28W	40NE	34ESE	34SE	22W	25SSE	12	W 40
67	ESE 20S*	17W	41WSW	29W	25E	34SW	26SSW	28E	31SSE	29WNW	26ESE	34	W 41
68	WSW 23SE	39W	20W	22SSE	32ESE	31111/	2613/	27 9/	30113/	22361/	10110/	32	SE 39
69	3/ 813/	33121/	2613/	24 5/	2613/	2528/	2928/	40111/	30113/	34131/	22 1/	30	28/ 40
70	27/ 2125/	2529/	30122/	27 4/	2929/	3026/	2326/	31241/	22241/	2629/	42271/	48	27/ 48
71	13/ 1924/	2314/	32141/	2613/	2818/	40161/	3123/	2425/	2824/	26111/	21121/	27	18/ 40
72	26/ 27 4/	19261/	2425/	24 3/	31141/	2415/	3114/	2328/	36241/	2615/	18 4/	36	28/ 36
73	29/ 2814/	3325/	2413/	2516/	2516/	3034/	2723/	2612/	20271/	18271/	23101/	25	14/ 33
74	24/ 1323/	1427/	25 5/	23 7/	31301/	3132/	3336/	30 5/	28361/	2323/	2626/	16	32/ 33
75	27/ 2813/	2610/	2219/	2430/	2621/	2527/	2627/	2622/	35261/	2727/	2516/	29	22/ 35
76	29/ 2821/	20271/	3315/	3115/	29 6/	26361/	32201/	21151/	32131/	29121/	36221/	25	12/ 36
77	15/ 2512/	2629/	2425/	2215/	3334/	24 9/	26 8/	24 4/	24 8/	21361*	10271/	12	15/ 33
78	28/ 1526/	26 9/	2618/	2517*	35271/	2814/	21271/	32 5/	24141/	31271/	21271/	24	17* 35
79	28/ 22 4/	18 6/	2627/	19 4/	30281/	2827*	31			3* 813*	27261/	33	
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AIR 64 0-88-5 (OLA)

S (BASED ON LESS THAN FULL MONTHS AND *100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

7.265C EIELSON AFB AK 50-82
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
80	14/ 45	15/ 38	13/ 28	15/ 33	13/ 25	15/ 24	28/ 25	30/ 23	27/ 21	15/ 30	27/ 18	12/ 26	14/ 45
81	13/ 30	14/ 28	14/ 40	28/ 29	25/ 20	23/ 27	28/ 25	26/ 19.4/	17	12/ 14.9/	16	13/ 26	14/ 40
82	9/ 33	27/ 25	23/ 24	27/ 32	3/ 25	23/ 28	13/ 31	28/ 19	27/ 29	26/ 19	25/ 19	16/ 27	9/ 33
MEAN	22.7	25.3	26.1	26.5	27.2	28.4	27.5	26.9	27.3	26.4	24.5	25.5	40.7
S D	9.135	8.210	5.687	4.659	3.938	4.004	4.265	5.796	5.700	9.589	8.934	11.843	8.627
TOTAL OBS	943	876	950	923	941	949	995	954	905	918	917	976	11247

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 64 0-80-5 (OLA)

$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.4	.1									1.6	3.1
NNE	.5	.1	.4	.2								1.3	6.1
NE	.2	.1										.3	2.7
ENE		.1										.1	5.0
E		.3	.1									.4	5.8
ESE	.2	.2	.2	.4								1.1	9.3
SE	.2	.2	.5	1.0	.2							2.2	11.1
SSE	.3	.4	.3	.2	.2							3.4	8.7
S	.9	1.2	.2	.1								4.4	3.3
SSW	.8	.6										1.4	2.8
SW	.6	.1										.8	2.1
WSW	.4											.4	2.3
W	.5	.2	.3		.1							1.2	5.8
WNW	.6	.3	.1									1.1	3.4
NW	.6	.3										1.0	2.8
NNW	2.0	.8	.1									2.9	2.8
VARBL													
CALM												76.5	
	13.1	5.5	2.5	1.9	.5							100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.3	.2	.1								1.9	3.4
NNE	1.0	.6	.6									2.3	5.0
NE	.1											.1	1.0
ENE	.3		.1									.4	3.5
E	.5	.1		.2								.9	5.6
ESE	.8	.8	.2	.2	.1							2.0	5.8
SE	.6	.5	.5	.4	.3							2.5	6.0
SSE	1.2	.2	.6	.3	.5							2.9	7.9
S	1.4	.8	.2									2.4	3.7
SSW	1.2	.2										1.4	2.3
SW	.3	.2	.2									.8	4.3
WSW	1.0	.2										1.2	2.6
W	1.1	.3	.1	.2								1.7	4.3
WNW	.1		.1									.2	4.5
NW	.3	.2										.5	3.0
NNW	1.2	.5										1.7	2.9
VARBL													
CALM												77.1	
	12.4	5.1	3.0	1.5	1.0							100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) | EIELSON AFB AK (STATION NAME) | 73-82 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.6	.1									1.8	3.5
NNE	1.0	.4	.6									2.0	4.4
NE	.1		.3									.4	6.3
ENE	.1	.1		.1								.3	7.3
E	.4	.2	.3	.1								1.1	5.9
ESE	.4	.2	.3	.3								1.3	7.3
SE	.4	.6	.5	.3	.1							2.0	7.2
SSE	.9	.2	.4	.2	.3							2.0	7.2
S	1.9	1.1										3.0	3.0
SSW	.6	.4										1.1	3.1
SW	.8	.3	.1									1.2	3.2
WSW	1.0	.5	.1	.1								1.7	4.1
W	.5	.3	.2	.1								1.2	4.7
WNW	.1	.2	.1									.4	4.5
NW	.5	.1										.6	2.8
NNW	1.1	1.2										2.3	3.2
VARBL													
CALM												77.4	
	11.0	6.7	3.2	1.3	.4							100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) LIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.0	.1									2.8	3.2
NNE	.5	.3	.6	.1								1.6	5.4
NE	.3	.1	.1	.1								.6	5.0
ENE	.1	.3										.4	3.3
E	.1	.1	.3	.2								.8	9.3
ESE	.5	.2	.3	.3								1.4	6.7
SE	.1	.1	.4	.9	.2	.1						1.8	12.2
SSE	1.0	.3	.3									1.6	4.1
S	2.2	.8										2.9	2.7
SSW	1.1	.4	.1									1.6	3.0
SW	.1	.2	.1									.4	4.0
WSW	.6	.2	.2									1.1	3.6
W	.9	.2	.4	.1								1.6	4.9
WNW	.3	.1	.2	.1								.8	5.6
NW	.9	.1										1.0	2.3
NNW	1.8	.2										2.0	2.5
VARBL													
CALM												77.5	
	12.3	4.7	3.3	1.8	.2	.1						100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	.5	.2									2.9	3.0
NNE	1.5	1.0	.6	.1								2.7	5.2
NE			.1	.1								.2	9.5
ENE	.2	.1										.3	2.7
E	.2	.4	.4	.1	.1							1.3	7.5
ESE	.4	.5	.2	.1								1.3	5.3
SE	.2	.2	1.0	.8	.3							2.5	10.4
SSE	1.2	.2	.3	.2	.1							2.0	5.2
S	2.3	.5	.1									2.9	2.8
SSW	.9	.1		.1								1.1	3.1
SW	.5	.1	.1									.8	3.7
WSW	.8	.1	.1	.1								1.1	3.9
W	.2	.3	.3	.1								1.0	6.7
WNW	.8	.1	.2	.2								1.3	5.2
NW	.9	.2										1.1	2.5
NNW	2.2	.8										2.9	2.7
VARBL													
CALM												74.7	
	13.8	5.3	3.8	1.9	.5							100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.4	.2									2.4	3.2
NNE	.5	.1	.9									1.5	6.1
NE	.2											.2	2.0
ENE	.1	.2										.3	3.7
E	.3	.3	.4	.2	.2							1.5	8.6
ESE	.5	.4	.6	.1								1.7	6.3
SE	.5	.5	.8	.3	.3							2.5	8.5
SSE	.6	.6	.6	.1	.2	.1						2.4	7.5
S	1.9	1.0	.2									3.1	3.3
SSW	.4	.2										.6	2.5
SW	.9	.2										1.1	2.7
WSW	.5	.3	.1									1.0	3.9
W	.8	.3	.4									1.5	4.4
WNW	.3	.1	.5									1.0	6.6
NW	.5	.3										.9	2.9
NNW	2.4	.6	.1									3.1	2.7
VARBL													
CALM												75.3	
	12.4	5.8	4.9	.8	.8	.1						100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.0	.1									3.3	2.9
NNE	.8	.1	.6	.2								1.7	5.8
NE	.2	.2										.4	3.0
ENE	.2											.2	2.0
E	.1	.3	.4		.3							1.2	9.5
ESE	.4	.6	.4	.2								1.7	6.2
SE	.8	.1	1.0		.1	.2	.1					2.3	9.1
SSE	1.7	.3	.3		.2							2.6	4.3
S	1.9	.3		.1								2.4	2.5
SSW	.6	.1										.8	2.3
SW	.2	.3	.1									.6	4.3
WSW	1.0	.1	.3									1.4	3.5
W	.4		.4									.9	5.6
WNW	.5	.1	.3	.2								1.2	6.3
NW	.4	.2										.6	3.0
NNW	1.6	.4										2.0	2.4
VARBL													
CALM												76.7	
	13.2	4.3	4.1	.8	.6	.2	.1					100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.5	.3									2.3	3.2
NNE	.3	.2	.4	.1								1.1	6.5
NE	.1	.2										.3	4.0
ENE	.2	.3										.5	3.0
E	.6	.4	.3	.1								1.5	5.1
ESE		.2	.3	.1	.1							.8	9.0
SE	1.1	.1	.4	.3	.3							2.3	7.6
SSE	1.9	.2		.1	.2		.1					2.6	5.5
S	2.4	1.2	.1		.1							3.8	3.5
SSW	1.0	.2	.1									1.3	2.8
SW	.4											.4	2.8
WSW	.9	.1										1.0	2.6
W	.5	.4	.6									1.6	5.4
WNW	.3	.1	.2									.6	4.7
NW	.2	.2		.1								.5	4.8
NNW	2.0	.8	.2									3.0	3.1
VARBL													
CALM												76.5	
	13.4	5.3	3.1	.9	.8		.1					100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.6	.2	.0								2.4	3.2
NNE	.7	.4	.6	.1								1.8	5.4
NE	.2	.1	.1	.0								.3	4.4
ENE	.2	.1	.0	.0								.3	3.7
E	.3	.3	.3	.1	.1							1.1	7.2
ESE	.4	.4	.3	.2	.0							1.4	6.7
SE	.5	.3	.6	.5	.2	.0	.0					2.2	9.2
SSE	1.3	.3	.4	.1	.2	.0	.0					2.4	5.8
S	2.1	.8	.1	.0	.0							3.1	3.1
SSW	.8	.3	.0	.0								1.2	2.8
SW	.5	.2	.1									.8	3.3
WSW	.8	.2	.1	.0								1.1	3.4
W	.6	.3	.4	.1	.0							1.3	5.1
WNW	.4	.1	.2	.1								.8	5.2
NW	.6	.2		.0								.8	2.9
NNW	1.8	.7	.1									2.5	2.8
VARBL													
CALM												76.4	
	12.7	5.3	3.5	1.4	.6	.1	.0					100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	.9	.4									3.1	3.7
NNE	.5	1.4	.7									2.6	5.4
NE	.6	.1	.2	.2								1.2	5.7
ENE		.6										.6	5.0
E	.2	.4										.6	3.6
ESE	.4	.2	.4									.9	5.6
SE	1.1	.7	.7	.8								3.3	6.7
SSE	2.2	1.3	.6	.1	.2							4.5	4.7
S	2.2	.7		.1								3.1	3.5
SSW	1.4	.4										1.8	2.5
SW	.6	.1										.7	2.7
WSW	.9	.5	.1									1.5	3.4
W	.6	.1	.4	.1								1.2	5.2
WNW	.2	.4	.5	.1								1.2	6.7
NW	.7	.4										1.1	2.9
NNW	.7	.7										1.4	3.7
VARBL													
CALM												71.3	
	14.2	8.9	3.9	1.5	.2							100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2552 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.7	.4									2.2	3.9
NNE	.7	.7	.5									1.9	4.8
NE	.2	.2	.5									.9	5.4
ENE		.1	.1									.2	7.5
E	.2	.2	.4									.8	5.6
ESE	.1	.5	1.1	.4								2.0	6.0
SE	.8	.6	.5	.5								2.4	6.0
SSE	1.8	.9	.5	.4	.1							3.7	5.4
S	4.5	1.2										5.7	2.4
SSW	.7	.1										.8	2.6
SW	.7	.4										1.1	2.6
WSW	.8	.5	.2									1.5	4.2
W	.7	.2	.7									1.7	5.7
WNW	.1	.1	.1									.4	5.7
NW	.6	.2										.8	2.6
NNW	.7	1.2										1.9	3.8
VARBL													
CALM												72.0	
	13.9	7.9	4.8	1.2	.1							100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	.9	.5									3.4	3.6
NNE	.4	.2	.2									.8	4.7
NE	.2	.1	.1									.5	4.5
ENE		.1	.1									.2	7.0
E	.2	.1	.2									.6	4.6
ESE	.5	.2	.6	.1								1.4	6.6
SE	.6	.6	.9	.5								2.6	7.4
SSE	1.4	1.4	.5	.4								3.7	5.1
S	3.5	.7	.1									4.4	2.5
SSW	.9	.5										1.4	2.8
SW	.5	.5	.1									1.2	4.2
WSW	.6	.5	.4									1.4	5.1
W	.2	.4	.4	.4								1.3	8.0
WNW	.2		.2	.1								.6	7.2
NW	.6	.2										.8	2.9
NNW	.8	.7										1.5	3.3
VARBL													
CALM												74.1	
	12.9	7.2	4.4	1.4								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	.7	.2									3.2	3.1
NNE	.4	.6	.9									1.9	5.9
NE	.4	.1	.1									.6	4.0
ENE		.2	.1	.2								.6	9.0
E	.2	.1										.4	3.0
ESE	.4	1.1	.4	.1								1.9	5.7
SE	.2	.2	.9	.7	.2							2.4	10.5
SSE	2.4	.6	.5	.7	.2							4.4	6.0
S	3.5	.8	.2									4.6	2.6
SSW	.7	.6										1.3	3.1
SW	.4	.2	.2									.8	4.6
WSW	.8	.4	.5									1.7	4.6
W	1.1	.5	.7	.1	.1							2.5	6.0
WNW	.4	.1										.5	3.0
NW	.5											.5	2.5
NNW	1.4	.5										1.9	2.7
VARBL													
CALM												71.0	
	14.9	6.7	4.8	1.9	.6							100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 846

CL[illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]550 (STATION) EIELSON AFB AK (STATION & WBAN) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	2.0	.2									6.7	3.0
NNE	1.1	.6	1.2	.2								3.1	5.6
NE	.5	.5	.5	.1								1.5	5.8
ENE	.2		.2	.1								.5	6.0
E	.4	.1	.1									.6	4.0
ESE	.1	.5	.8	.2								1.8	6.8
SE	.2	.1	1.4	1.3	.1							3.2	10.4
SSE	1.1	.5	.4	.6	.1	.1						2.7	7.7
S	1.9	.5	.5		.1							3.0	4.0
SSW	1.8	.7	.2									2.7	3.3
SW	1.2	.4	.1									1.7	3.1
WSW	1.2	.8	.4									2.4	4.0
W	1.4	.5	.5	.4								2.7	5.0
WNW	.2	.4	.2									.8	5.1
NW	.5	.4										.8	3.0
NNW	2.4	2.0	.1									4.5	3.2
VARBL													
CALM												61.2	
	18.6	9.9	6.9	3.0	.4	.1						100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	1.2	.1									4.1	3.1
NNE	1.1	1.1	1.1	.7								3.9	6.5
NE	.1	.6	.7									1.4	6.8
ENE	.2	.4	.4									.9	5.0
E	.8	.6	.2									1.7	4.1
ESE	.1	.6	.5	.2								1.4	7.3
SE	.5	.7	.7	.2	.1							2.2	6.9
SSE	1.1	.5	.5	.5								2.5	6.4
S	1.7	1.4	.5	.1								3.7	4.0
SSW	1.4	.2	.2									1.9	3.4
SW	.8	.1	.2									1.2	4.5
WSW	1.3	.6	.2									2.1	3.4
W	1.5	.9	.5	.1								3.1	4.1
WNW	.4	.2	.2									.8	4.9
NW	.2											.2	1.5
NNW	.7	.6										1.3	3.3
VARBL													
CALM												67.5	
	14.8	9.7	6.0	1.9	.1							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2652 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.4	.7									4.4	3.9
NNE	.7	1.5	.8	.1								3.2	5.5
NE	.1	.5	.4									.9	5.6
ENE	.5	.1	.5									1.1	5.1
E	.2	.1										.4	3.0
ESE	.1	.7	.6	.1	.2							1.8	8.3
SE	.7	.4	.6	.8	.1							2.6	8.3
SSE	1.7	1.2	.2	.2								3.3	4.4
S	2.4	1.4	.2									4.0	3.4
SSW	.5	.6										1.1	3.1
SW	.5	.2	.1									.8	3.9
WSW	.6	.5	.1									1.2	3.5
W	.5	.7	.7	.1								2.0	6.1
WNW	.4		.1									.5	3.5
NW	.7	.1										.8	2.6
NNW	1.4	.6										2.0	2.6
VARBL													
CALM												70.0	
	13.1	10.0	5.1	1.4	.4							100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.4	.9									2.2	4.8
NNE	.4	1.4	.5									2.2	5.3
NE		.5	.6									1.1	6.9
ENE	.2	.4	.1									.7	5.2
E	.4	.7	.1									1.2	4.4
ESE	.9	.2	.6									1.8	4.8
SE	1.5	.1	.2	.2	.5							2.6	6.8
SSE	2.7	.8	.5	.2	.1	.1						4.5	4.8
S	2.5	1.2										3.7	2.8
SSW	.8											.8	1.7
SW	.6											.6	1.8
WSW	.8	.1										.9	2.5
W	.2	.8	.4	.4								1.8	6.7
WNW	.7	.1	.2	.1								1.2	4.8
NW	.9											.9	2.3
NNW	1.7	1.1	.4									3.1	3.6
VARBL													
CALM												70.7	
	15.4	7.8	4.5	.9	.6	.1						100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.0	.4									3.7	3.5
NNE	.6	.9	.7	.1								2.5	5.6
NE	.3	.3	.4	.0								1.0	5.8
ENE	.1	.2	.2	.0								.6	5.9
E	.3	.3	.1									.8	4.2
ESE	.3	.5	.6	.1	.0							1.6	6.7
SE	.7	.4	.8	.6	.1							2.7	7.9
SSE	1.6	.9	.4	.4	.1	.0						3.6	5.4
S	2.8	1.0	.2	.0	.0							4.0	3.1
SSW	1.0	.4	.1									1.5	2.9
SW	.7	.2	.1									1.0	3.5
WSW	.9	.5	.2									1.6	3.9
W	.8	.5	.5	.2	.0							2.0	5.6
WNW	.3	.2	.2	.0								.7	5.3
NW	.6	.2										.8	2.6
NNW	1.2	.9	.1									2.2	3.3
VARBL													
CALM												69.7	
	14.7	8.5	5.1	1.7	.3	.0						100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 6768

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.5	1.1									5.9	4.3
NNE	1.0	3.0	2.6	.1								6.7	6.0
NE	.8	.6	.5	.1								2.0	4.9
ENE	.2	.2	.3									.8	5.6
E	.3	.3	.4	.1								1.2	6.0
ESE	.8	.2	.2									1.2	4.0
SE	1.0	.3	.3	.2								1.8	5.1
SSE	3.0	.3	.3	.4								4.1	4.0
S	2.9	1.4										4.3	2.9
SSW	1.3	.4										1.7	2.8
SW	1.2	.6	.1									1.9	3.4
WSW	1.0	.9	.5	.1								2.5	4.6
W	.8	1.1	1.2									3.0	5.3
WNW	.5	.1	.2									.9	3.9
NW	1.3	.2										1.5	2.3
NNW	1.9	1.5										3.4	3.1
VARBL													
CALM												57.1	
	20.2	13.6	7.8	1.1								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72650	EIELSON AFB AK	73-82	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) | 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.7	.6									4.2	4.2
NNE	.9	2.5	1.9	.1								5.4	5.8
NE	.3	.5	.6									1.5	5.9
ENE	.3	.1	.1	.1								.6	5.5
E	.2	.1	.3									.6	5.8
ESE	.8	.3	.1	.1	.1							1.4	5.3
SE	1.3	.4	.2	.4								2.4	5.1
SSE	3.2	1.3										4.5	2.9
S	4.3	1.8										6.1	2.8
SSW	1.1	.9										1.9	3.0
SW	.5	.4										1.0	3.2
WSW	1.1	.6	.9									2.6	4.9
W	.4	.8	1.0									2.2	5.8
WNW	.5	.1										.6	2.5
NW	.8	.3										1.1	3.0
NNW	1.5	1.5	.2									3.2	3.8
VARBL													
CALM												60.6	
	19.0	13.4	6.0	.8	.1							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	.2									3.7	3.8
NNE	.6	2.4	2.3	.2								5.5	6.5
NE	.2	1.0	.5									1.7	5.6
ENE	.1		.1									.2	4.5
E	.3	.4	.1									.9	4.5
ESE	.5	.1	.1									.8	3.3
SE	1.5	.1	.3	.2								2.2	4.6
SSE	1.6	1.5	.2									3.3	3.5
S	4.0	1.0										4.9	2.6
SSW	1.6	.8										2.4	3.0
SW	.9	.3	.1									1.3	3.1
WSW	1.1	1.2	.5									2.8	4.5
W	.8	.5	1.3									2.6	5.5
WNW	.2	.3	.2									.8	5.3
NW	.3	.3	.1									.8	4.1
NNW	1.2	1.6										2.8	3.4
VARBL													
CALM												43.5	
	16.7	13.2	6.1	.4								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72265D (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.3	3.2	.6									9.1	3.5
NNE	2.9	1.1	3.4	.4								7.8	5.7
NE	.6	.2	1.1	.5								2.5	7.4
ENE	.4	.2	.2	.2								1.1	6.3
E	.5	.3	.1									1.0	3.7
ESE	.2	.1	.4	.1	.1							1.0	8.6
SE	.4	.3	.5	.3								1.6	6.6
SSE	1.3	.5	.1									1.9	2.9
S	3.4	.6										4.1	2.4
SSW	2.2	1.3	.2									3.7	3.3
SW	1.0	.8	.2									1.9	3.9
WSW	1.2	1.4	.8	.2								3.5	5.0
W	.4	1.0	1.2	.3								2.9	6.8
WNW	.3	.2	.4	.3								1.3	7.5
NW	.6	.2										.9	2.8
NNW	2.7	2.5	.2									5.4	3.7
VARBL													
CALM												50.3	
	23.5	14.0	9.6	2.5	.1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.6	4.8	1.1	.4								11.9	4.1
NNE	3.0	1.4	1.9	1.2	.1							7.6	6.1
NE	.9	.3	1.6	2.3								5.1	9.2
ENE	.2		.2									.4	5.8
E	.9	.3	.5	.2								1.9	5.5
ESE	.4	.8	.4	.6								2.3	7.1
SE	.4	.5	1.3	.2		.1						2.6	8.1
SSE	1.1	.9	.4	.1								2.4	4.5
S	1.5	.6	.5									2.7	4.0
SSW	1.1	1.3										2.4	3.6
SW	.6	1.3	.3	.2								2.5	5.1
WSW	2.2	2.3	1.0	.2								5.6	4.6
W	2.3	2.7	1.4	.2								6.6	5.2
WNW	.8	1.5	.8	.4								3.4	6.2
NW	1.2	.9	.1	.1								2.3	4.0
NNW	2.2	4.3	1.1									7.5	4.6
VARBL													
CALM												32.8	
	24.2	23.8	12.7	6.2	.1	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702'50 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	4.1	1.8									9.5	4.5
NNE	1.9	1.8	2.8	.8								7.3	6.2
NE	.1	.6	3.2	2.0	.1							6.1	9.8
ENE	.1	.4	.3	.4								1.3	8.4
E	.3	.9	.6	.1								1.9	5.6
ESE	.3	.8	1.5	.2								2.8	7.0
SE	.2	.8	.9	.6	.1							2.7	8.4
SSE	.9	1.3	.6									2.8	4.8
S	1.3	1.2	.4									2.9	4.1
SSW	1.4	.9	.1									2.4	3.5
SW	1.3	1.1	.1	.2								2.7	4.3
WSW	3.9	2.4	1.0	.1								7.3	4.1
W	3.5	4.3	2.3	.3								10.4	5.0
WNW	1.3	1.9	.8									4.0	4.7
NW	1.5	.9	.1		.1							2.6	3.8
NNW	3.0	2.2	.9									6.0	4.0
VARBL													
CALM												27.3	
	24.6	25.4	17.4	4.9	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.4	1.3									4.0	5.1
NNE	1.2	2.4	3.9									7.4	6.2
NE	.8	1.6	1.8	.9								5.1	7.0
ENE	.6	.3	1.0	.1								2.0	6.4
E	1.3	.5	.3									2.2	3.9
ESE	1.1	.8	.3									2.2	4.0
SE	.9	1.0	.4	.6		.3						3.2	6.2
SSE	1.5	1.1	.2	.1								2.9	4.0
S	2.3	1.0	.3									3.5	3.0
SSW	.6	.5	.1									1.3	3.6
SW	1.4	.3	.3									2.0	3.3
WSW	1.0	1.6	.5									3.1	4.5
W	1.8	3.0	1.1									5.9	4.7
WNW	.5	.9	.1									1.5	4.1
NW	.3	.3										.6	3.0
NNW	1.7	1.5	.6									3.9	4.1
VARBL													
CALM												49.1	
	18.3	18.2	12.4	1.7		.3						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.26EC (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.3	.6									4.3	4.4
NNE	1.2	3.3	2.9	.5								8.0	6.4
NE	.4	1.6	1.4	.1								3.6	6.3
ENE	.2	.9	.1									1.2	4.8
E	.2	.3	.1									.6	4.8
ESE	.4	.6	.2									1.3	4.5
SE	1.7	.9	.4	.6	.1							3.8	6.0
SSE	1.9	1.0	.4	.1								3.3	3.9
S	3.0	1.5	.2									4.7	2.9
SSW	.6	.5										1.2	3.0
SW	1.6	.9										2.5	3.0
WSW	1.1	1.4	.3	.1								2.9	4.3
W	.4	1.2	1.0									2.6	5.8
WNW	.5	.2	.3									1.1	4.8
NW	1.0	.4	.1									1.5	3.1
NNW	3.3	2.2	.2									5.7	3.2
VARBL													
CALM												51.8	
	19.1	19.2	8.4	1.5	.1							100.3	2.2

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	2.7	.9	.1								6.6	4.2
NNE	1.6	2.2	2.7	.4	.0							7.0	6.1
NE	.5	.8	1.4	.7	.0							3.4	7.7
ENE	.3	.3	.3	.1								1.0	6.2
E	.5	.4	.3	.1								1.3	5.0
ESE	.6	.5	.4	.1	.0							1.6	5.7
SE	.9	.5	.6	.4	.0	.1						2.5	6.6
SSE	1.8	1.0	.3	.1								3.2	3.8
S	2.8	1.1	.2									4.2	3.0
SSW	1.2	.8	.1									2.1	3.2
SW	1.1	.7	.1	.1								2.0	3.8
WSW	1.5	1.5	.7	.1								3.8	4.5
W	1.3	1.8	1.3	.1								4.5	5.3
WNW	.6	.7	.3	.1								1.7	5.2
NW	.9	.4	.1	.0	.0							1.4	3.4
NNW	2.2	2.2	.4									4.7	3.8
VARBL													
CALM												89.1	
	20.7	17.6	10.1	2.4	.1	.1						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.0	.4	.1								4.8	4.3
NNE	.9	3.7	1.0									5.5	5.0
NE	.7	.7	.3									1.7	4.3
ENE	.4		.1									.6	3.0
E	.4	.4										.9	3.5
ESE	1.2	.4	.1	.2								2.0	4.1
SE	3.1	.8	.6	.2								4.7	3.8
SSE	4.6	1.1	.3									6.0	2.9
S	6.1	2.1	.1									8.3	2.7
SSW	.9	.7										1.6	2.7
SW	1.0	.3	.2									1.6	3.1
WSW	1.4	1.9	.6									3.9	4.0
W	1.9	1.3	1.0	.2								4.4	4.9
WNW	.8	.1	.3									1.2	3.7
NW	1.1	.4										1.6	2.5
NNW	1.4	2.2	.2									3.9	3.9
VARBL													
CALM												47.5	
	28.1	18.2	5.3	.8								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.4	.9									4.3	4.4
NNE	1.1	1.4	.7	.1								3.3	4.7
NE	.6	.7	.2									1.4	4.1
ENE	.7											.7	2.0
E	.6	.1										.7	3.0
ESE	.9	.3	.4									1.7	4.1
SE	1.2	.7	.4	.6								2.9	5.5
SSE	5.2	.7	.2	.1								6.2	2.7
S	4.9	1.2	.1									6.2	2.5
SSW	.8	.7										1.4	3.0
SW	1.2	.3		.1								1.7	3.3
WSW	1.4	1.7	.7									3.8	4.3
W	1.6	1.8	.9									4.2	4.8
WNW	.4	.3	.2									1.0	4.4
NW	1.1											1.1	1.9
NNW	2.0	1.4	.2									3.7	3.7
VARBL													
CALM												55.7	
	25.7	12.8	5.0	.9								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.4	.4									4.1	3.9
NNE	1.0	1.3	.3									2.7	4.3
NE	.3	.4	.2	.1								1.1	5.6
ENE	.2	.2	.1									.6	4.0
E	1.0	.2	.1									1.3	3.1
ESE	1.1	.4	.4									2.0	4.2
SE	.8	.9	.4	.6								2.7	6.4
SSE	2.0	.8	.2	.3	.1	.1						3.6	5.3
S	4.2	1.0	.1									5.3	2.9
SSW	1.9	.9										2.8	2.7
SW	1.4	.9										2.3	3.0
WSW	1.7	1.6	.7									3.9	4.3
W	1.6	2.9	1.2									5.7	4.9
WNW	.4	1.0	.4									1.9	4.8
NW	.2	.4										.7	3.3
NNW	1.4	.9	.1									2.4	3.0
VARBL													
CALM												57.0	
	21.6	15.4	4.9	1.0	.1	.1						100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7265C (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	8.1	3.2	.8									12.1	3.1
NNE	2.9	1.1	1.0	.1								5.1	4.2
NE	.7	.7	.7	.2								2.2	5.7
ENE	.2	.4	.4	.2								1.3	6.9
E	.9	.7	1.0	.1								2.7	5.6
ESE	1.0	1.1	1.4	.1								3.7	5.7
SE	.3	1.7	1.6	.8	.2							4.6	8.0
SSE	.6	1.1	.7	.8								3.1	7.3
S	1.9	1.2	.1									3.2	3.4
SSW	2.1	1.4	.2									3.8	3.4
SW	1.6	1.2	.2									3.0	3.9
WSW	1.6	4.1	.9									6.6	4.8
W	1.9	2.6	2.8	.4	.2							7.9	6.3
WNW	1.1	1.2	.9	.1	.1							3.4	5.3
NW	.9	1.2	.3	.2								2.7	4.8
NNW	2.4	1.4	.6	.1								4.6	4.0
VARBL													
CALM												30.0	
	28.1	24.5	13.6	3.2	.6							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	3.7	2.8	.3								9.9	5.3
NNE	2.1	1.1	1.1	.8	.1							5.2	6.1
NE	1.2	.3	1.1	.3								3.0	6.0
ENE	.8	.9	.6	.1								2.3	5.3
E	1.0	1.2	1.0									3.2	5.1
ESE	.9	1.0	1.6	.1								3.6	5.7
SE	.8	1.2	3.0	.9	.1							6.0	7.7
SSE	.3	1.3	2.3	.3								4.3	7.1
S	.4	1.4	1.0		.1							3.0	6.2
SSW	1.6	.8	.1	.2								2.7	4.0
SW	1.1	1.3	.4	.1								3.0	4.6
WSW	1.7	4.0	1.1									6.8	5.0
W	2.8	4.7	4.2	1.1								12.8	6.2
WNW	1.4	2.6	1.4	.7								6.1	6.0
NW	1.4	2.4	1.0		.1							5.0	5.0
NNW	2.4	2.0	1.6	.3								6.3	4.9
VARBL													
CALM												16.8	
	23.1	30.0	24.3	5.3	.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	3.8	3.2	.3								10.8	5.3
NNE	1.2	1.7	2.4	.9	.3							6.6	7.7
NE	.6	.3	.9	1.9	.1							3.8	10.4
ENE	.7	.7	.8									1.8	6.3
E	1.7	.9	1.3									3.9	5.0
ESE	.7	1.0	1.2	.2								3.1	6.5
SE	.6	1.4	2.0	.8								4.8	7.3
SSE	.6	1.1	.7	.4								2.8	6.5
S	.7	1.1	.9									2.7	5.2
SSW	.6	1.3	.3									2.2	4.7
SW	1.1	1.7	.9									3.7	4.7
WSW	1.0	4.4	1.8	.3								7.6	5.7
W	2.4	5.6	5.1	.9								14.0	6.1
WNW	2.3	4.3	1.1	.3								8.1	5.0
NW	1.9	2.8	1.3	.1								6.1	4.8
NNW	1.3	1.9	1.6	.1								4.9	5.4
VARBL													
CALM												13.3	
	20.3	34.0	25.6	6.3	.4							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	3.3	1.6									7.7	4.6
NNE	1.4	3.9	3.8	.7								9.8	6.5
NE	1.7	1.6	1.8	.8								5.8	6.4
ENE	1.6	.7	.9									3.1	4.8
E	.9	1.3	.3									2.6	4.2
ESE	.9	1.4	.3	.1								2.8	4.7
SE	.9	1.1	1.0	.7								3.7	6.7
SSE	1.2	.6	.1									1.9	3.0
S	1.3	.3	.1	.1								1.9	3.5
SSW	1.6	.6										2.1	2.6
SW	1.1	.7	.1									1.9	3.6
WSW	1.8	3.6	1.0									6.3	4.5
W	3.7	3.2	1.3	.2								8.5	4.6
WNW	2.3	2.9	1.4									6.7	4.7
NW	2.3	.9	.8	.1								4.1	4.2
NNW	1.6	1.6	.6									3.7	4.0
VARBL													
CALM												27.6	
	27.0	27.6	15.1	2.7								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.2	1.0									5.8	4.8
NNE	1.9	3.7	1.7									7.2	5.1
NE	1.0	1.9	.6									3.4	4.6
ENE	.9	.8	.2									1.9	4.0
E	.4	.7	.1									1.2	4.4
ESE	1.3	.8	.3	.1								2.6	3.8
SE	2.8	1.3	.4	.1		.1						4.8	4.3
SSE	4.6	1.8										6.3	2.7
S	3.6	1.0	.3									4.9	3.0
SSW	1.0	.6										1.6	2.9
SW	1.6	.3	.4									2.3	3.6
WSW	1.6	1.8	.3									3.7	3.8
W	2.4	1.7	.2	.1								4.4	3.8
WNW	.7	.3	.3									1.3	4.9
NW	.3	.3										.7	3.7
NNW	1.9	1.1	.1									3.1	3.1
VARBL													
CALM												44.8	
	27.4	21.2	6.1	.3		.1						100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	2.8	1.4	.1								7.4	4.5
NNE	1.6	2.2	1.5	.3	.1							5.7	5.7
NE	.8	.8	.7	.4	.0							2.8	6.3
ENE	.6	.5	.4	.0								1.5	4.9
E	.9	.7	.5	.0								2.1	4.6
ESE	1.0	.8	.7	.1								2.7	5.0
SE	1.3	1.1	1.2	.6	.0	.0						4.3	6.3
SSE	2.4	1.1	.6	.3	.0	.0						4.3	4.3
S	2.9	1.2	.3	.0	.0							4.4	3.3
SSW	1.3	.9	.1	.0								2.3	3.3
SW	1.3	.8	.3	.0								2.4	3.9
WSW	1.5	2.9	.9	.0								5.3	4.7
W	2.3	3.0	2.1	.4	.0							7.7	5.5
WNW	1.2	1.6	.8	.1	.0							3.7	5.1
NW	1.2	1.1	.4	.1	.0							2.7	4.4
NNW	1.8	1.6	.6	.1								4.1	4.2
VARBL													
CALM												36.6	
	25.2	23.0	12.5	2.6	.2	.0						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 7196

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.0	.3									3.8	4.0
NNE	1.1	4.1	.9									6.0	5.0
NE	.4	.5	.4									1.4	5.2
ENE	.6	.5	.6									1.8	5.1
E	1.6	.4	.3									2.4	3.3
ESE	1.5	.5	.1	.1								2.3	3.5
SE	2.5	1.6	.9									4.9	4.0
SSE	5.1	2.8	.1	.1								8.1	3.0
S	4.4	2.4										6.8	3.0
SSW	.8	.3										1.1	2.8
SW	.6	.5	.2									1.4	3.7
WSW	1.3	1.5	1.5									4.3	5.1
W	1.3	.9	.6									2.8	4.3
WNW	.5	.2	.2									1.0	3.7
NW	1.0	.4										1.4	2.7
NNW	1.1	2.0	.2									3.3	4.2
VARBL													
CALM												47.3	
	25.2	20.9	6.5	.2								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.7	.2									4.2	3.4
NNE	1.0	2.3	1.4									4.6	5.1
NE	.9	.6	1.0									2.5	5.4
ENE	.5	.8	.1									1.4	4.5
E	.4	.4	.1									1.0	4.1
ESE	.6	.1	.2	.1								1.1	5.0
SE	1.7	.8	.1									2.6	3.1
SSE	5.1	2.2	.2									7.4	3.0
S	5.6	1.9	.1									7.6	2.8
SSW	1.1	.2	.2									1.5	2.9
SW	.4	.3	.1									.9	3.9
WSW	.9	2.2	.9	.1								4.0	5.2
W	1.2	1.1	.1									2.4	3.8
WNW	.8	.1	.1	.1								1.1	3.8
NW	.4			.1								.5	4.0
NNW	.6	.4	.4									1.5	4.4
VARBL													
CALM												55.8	
	23.5	15.1	5.3	.4								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2557	EIELSON AFB AK	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	1.2	.2									4.3	3.0
NNE	1.2	.9	2.0	.1								4.2	5.6
NE	.6	.9	1.2	.2								2.9	6.1
ENE	.2	.5	.8	.3								1.8	7.8
E	.8	.5	.4	.1								1.8	5.1
ESE	1.1	.1	.5	.4								2.2	6.1
SE	.6	.4	1.1	.4	.2							2.8	7.7
SSE	1.2	1.2	.4	.4								3.2	5.2
S	3.8	3.6	.6									8.0	3.7
SSW	3.0	.9										3.9	2.6
SW	1.6	1.0	.4									3.0	3.4
WSW	1.6	1.4	.6									3.7	4.5
W	1.0	2.8	2.2	.3								6.2	6.2
WNW	1.4	.4	.6									2.5	4.1
NW	.8	.4	.1	.1								1.4	4.2
NNW	2.7	.6	.2	.1								3.7	3.2
VARBL													
CALM												44.5	
	24.4	16.8	11.5	2.6	.2							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.8	3.4	.6									7.8	3.8
NNE	2.9	1.2	.6	.1								4.8	3.8
NE	1.5	.9	1.6	.3	.1							4.4	6.2
ENE	.6	.6	.9	.1								2.3	5.7
E	1.1	1.2	1.3	.4								4.0	6.2
ESE	.6	1.2	1.3	.6								3.8	7.4
SE	.1	1.3	1.1	1.0		.1						3.5	8.9
SSE	.9	1.3	1.7	.4	.2							4.5	7.1
S	1.5	1.1	1.1	.1								3.8	5.1
SSW	1.6	1.3	.8									3.7	4.4
SW	1.1	1.2	1.2	.1								3.5	5.4
WSW	2.2	2.9	1.3	.1								6.5	4.8
W	2.7	4.0	2.9	1.2								10.9	6.0
WNW	2.3	1.9	1.6	.2								6.0	5.0
NW	2.4	1.3	1.0									4.6	4.0
NNW	3.4	3.1	.8	.1								7.4	4.1
VARBL													
CALM												18.6	
	28.6	27.8	19.7	4.8	.3	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	3.3	3.1	.4	.2							9.6	6.0
NNE	1.4	3.2	2.6	.5	.1							7.8	6.5
NE	1.7	1.7	.8	1.1	.3							5.6	6.9
ENE	.9	1.7	1.3	.4								4.3	6.1
E	.9	2.0	1.7	.5								5.2	6.7
ESE	1.1	1.4	.8	.3								3.5	5.8
SE	.4	.5	1.3	.6	.2							3.1	6.3
SSE	1.1	1.0	1.4	.2	.1							3.8	6.2
S	1.0	2.2	2.0	.2								5.4	5.9
SSW	2.0	1.7	1.2	.4								5.4	5.4
SW	1.2	.9	1.4	1.0								4.4	6.8
WSW	1.1	1.1	2.4	.9								5.4	7.4
W	1.5	4.1	3.8	1.7								11.1	7.0
WNW	1.7	3.1	1.9									6.8	5.3
NW	1.0	2.4	1.3	.1								4.7	5.3
NNW	1.4	2.9	1.5									5.8	5.2
VARBL													
CALM												8.2	
	20.8	33.2	28.4	8.5	1.0							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70250 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	4.1	2.6	.5								8.6	6.0
NNE	1.4	2.7	2.4	1.0		.1						7.5	6.9
NE	.5	2.2	2.3	2.4	.1							7.4	8.9
ENE	.8	1.2	2.2	.9	.1							5.1	8.0
E	1.2	1.8	2.4	.6	.1							6.1	6.9
ESE	.4	1.5	2.2	.2								4.3	7.2
SE	.1	.9	1.6	.8		.1						3.4	8.9
SSE	.4	1.0	1.4	.4	.3	.1						3.7	8.8
S	1.0	2.0	1.5	.6	.1							5.3	7.0
SSW	.4	1.5	1.1		.1							3.1	6.0
SW	.5	2.6	1.1									4.2	5.6
WSW	1.1	2.5	1.8	.6								6.0	6.5
W	1.4	3.9	3.9	1.2								10.3	6.9
WNW	1.3	3.8	2.6	.8								8.4	6.4
NW	.9	2.0	2.5	.2								5.6	6.3
NNW	.6	2.8	1.1	.3								4.8	5.6
VARBL													
CALM												6.1	
	13.4	36.3	32.4	10.5	.9	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.2	2.0									7.0	5.3
NNE	1.4	3.1	2.9	.9								8.3	6.6
NE	1.5	3.9	4.0	1.8	.1							11.3	7.3
ENE	1.5	2.0	1.7	.4								5.7	5.9
E	1.5	1.8	1.7	.4								5.5	5.8
ESE	.4	1.2	1.1	.2								2.9	6.1
SE	.5	1.0	.6	.4								2.6	6.7
SSE	.6	.5	.9	.2								2.3	6.0
S	.8	1.6	1.1	.1								3.6	5.7
SSW	.6	1.3	.3	.1								2.4	5.1
SW	1.6	1.0	.6		.1							3.3	4.7
WSW	1.2	2.0	1.0	.2								4.4	5.5
W	2.5	4.0	4.4	.8								11.6	6.1
WNW	1.8	3.0	2.5	.5								7.9	6.0
NW	2.6	2.4	1.2									6.1	4.4
NNW	1.3	1.6	.8	.1								3.8	4.9
VARBL													
CALM												11.4	
	21.6	33.7	26.8	6.2	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.3	.5									5.3	4.4
NNE	1.7	3.1	1.8									6.7	5.0
NE	2.7	3.1	1.4	.3								7.5	4.7
ENE	2.2	1.4	.5									4.1	3.9
E	.6	.6	.3									1.6	4.3
ESE	1.3	.8	.2									2.3	3.6
SE	1.1	1.2	.5	.3								3.1	5.2
SSE	3.4	1.9	.3									5.7	3.5
S	2.9	1.7	.2									4.8	3.2
SSW	1.9	.5										2.5	2.3
SW	1.4	.6	.1									2.2	3.2
WSW	1.6	1.4	.9									3.9	4.5
W	1.5	2.4	1.4	.1								5.4	5.1
WNW	.8	1.7	.4									2.9	4.7
NW	1.3	.9										2.0	3.1
NNW	1.0	1.7										2.7	3.8
VARBL													
CALM												37.4	
	26.8	26.3	8.7	.8								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72265D (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.8	1.2	.1	.0							6.3	4.8
NNE	1.5	2.6	1.8	.3	.0	.0						6.3	5.7
NE	1.2	1.7	1.6	.8	.1							5.4	6.7
ENE	.9	1.1	1.0	.3	.0							3.3	6.0
E	1.0	1.1	1.0	.3	.0							3.4	5.9
ESE	.9	.8	.8	.3								2.8	5.9
SE	.9	1.0	.9	.4	.1	.0						3.3	6.6
SSE	2.2	1.5	.8	.2	.1	.0						4.8	4.8
S	2.6	2.1	.8	.1	.0							5.6	4.3
SSW	1.4	1.0	.4	.1	.0							2.9	4.2
SW	1.1	1.0	.6	.1	.0							2.9	5.0
WSW	1.4	1.9	1.3	.2								4.8	5.5
W	1.6	2.9	2.4	.7								7.6	6.1
WNW	1.3	1.8	1.3	.2								4.6	5.4
NW	1.3	1.2	.8	.1								3.3	4.7
NNW	1.5	1.9	.6	.1								4.1	4.5
VARBL													
CALM												28.7	
	23.0	26.3	17.4	4.3	.3	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	.9	.1									2.9	3.3
NNE	.3	1.4	.1									1.9	4.8
NE	.6	.1										.7	2.2
ENE	.2	.1	.1									.4	5.0
E	1.0	.4										1.4	3.1
ESE	2.4	.8										3.2	2.7
SE	2.9	1.2	.3	.1								4.6	3.5
SSE	9.9	2.3	.4	.1								12.8	2.9
S	12.2	2.8	.1		.1							15.2	2.7
SSW	2.9	.9										3.8	2.8
SW	2.1	.9	.6									3.6	3.7
WSW	2.3	1.3	1.1									4.8	4.4
W	1.9	2.3	.7									4.9	4.5
WNW	.4	.7	.1									1.2	4.2
NW	.8	.4	.2									1.4	3.8
NNW	.8	.6										1.3	3.1
VARBL													
CALM												35.9	
	42.7	17.2	3.9	.2	.1							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.1	.2									2.0	2.8
NNE	1.2	.8	.1									2.1	3.5
NE	.3	.4	.1									.9	4.8
ENE	.4	.1										.6	2.4
E	1.0	.1										1.1	2.2
ESE	1.3	.2	.1	.1								1.8	3.4
SE	3.1	1.2	.3									4.7	3.3
SSE	7.8	1.6	.3									9.7	2.7
S	11.0	3.9										14.9	2.8
SSW	3.0	1.0										4.0	2.6
SW	1.2	.9	.3									2.3	3.8
WSW	2.1	2.6	1.6	.2								6.4	4.8
W	1.7	1.6	1.2									4.4	4.9
WNW	.4	.3	.6									1.3	5.2
NW	.4	.2	.1									.8	3.3
NNW	.7	.2		.1								1.0	3.4
VARBL													
CALM												42.0	
	37.4	15.1	5.0	.4								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.3	.2									3.4	3.3
NNE	1.2	.6	.1									1.9	3.2
NE	.7	.2	.6									1.4	5.1
ENE	.6	.1	.1									.8	2.7
E	.3	.2	.1	.1								.8	5.1
ESE	.6	.7	.4	.1								1.8	5.3
SE	1.1	.4	.6	.4								2.6	5.9
SSE	.9	1.3	.7	.1								3.0	5.0
S	5.3	3.8	.7									9.8	3.6
SSW	4.6	2.3	.2									7.1	3.2
SW	3.8	2.0	.3	.2								6.3	3.6
WSW	3.7	2.7	1.7									8.0	4.2
W	2.9	3.8	3.7	.9	.1							11.3	6.1
WNW	1.2	2.0	1.1	.3								4.7	5.5
NW	.8	.4	.2									1.4	3.8
NNW	1.7	.3	.3									2.3	3.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	33.3	
	31.1	22.2	11.0	2.2	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7^265C (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	2.8	.6									6.1	3.9
NNE	1.6	.8	.4									2.8	3.8
NE	.9	.6	.9	.3								2.7	6.3
ENE	.7	.2	.7	.1								1.7	5.9
E	.6	.8	.4									1.8	4.9
ESE	.7	.3	.3	.1								1.4	5.0
SE	.4	1.6	.6	.2								2.8	5.9
SSE	1.2	.3	.8	.2								2.6	5.1
S	3.2	2.3	1.0	.1	.1							6.8	4.4
SSW	2.2	2.1	.7	.1								5.1	4.3
SW	1.7	2.6	1.1	.3								5.7	5.4
WSW	3.0	3.0	1.6	.4								8.0	5.0
W	2.8	5.9	6.8	1.7								17.1	6.8
WNW	2.4	4.1	2.6	.4								9.6	5.4
NW	2.0	1.9	.9	.1								4.9	4.5
NNW	2.4	2.1	1.0									5.6	4.3
VARBL													
CALM												15.6	
	28.6	31.3	20.2	4.2	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	3.6	1.0	.3								7.9	4.6
NNE	2.0	1.9	1.2	.4	.1							5.7	5.6
NE	.7	1.2	.6	.8								3.2	7.2
ENE	.3	.3	1.1	.3								2.1	7.5
E	.6	.3	.6	.2								1.7	5.7
ESE	.6	.6	.4	.1								1.7	5.7
SE	.3	.1	1.1									1.6	6.9
SSE	1.6	.7	1.3	.3								3.9	5.8
S	.9	2.0	1.3	.2								4.4	5.8
SSW	1.2	2.3	1.1									4.7	5.1
SW	.8	.8	.9	.3								2.8	6.4
WSW	1.6	4.1	3.0	.6								9.2	6.1
W	1.9	4.6	7.1	1.4								15.0	7.1
WNW	2.2	4.9	4.2	1.2								12.6	6.6
NW	1.1	3.2	2.1	.2								6.7	5.7
NNW	2.3	3.2	1.9	.3								7.8	5.2
VARBL													
CALM												9.2	
	21.0	33.8	29.0	6.9	.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 265C — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JUN — MONTH

ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	4.6	1.3	.7	.1							8.6	5.6
NNE	2.1	2.6	.9	.7								6.2	5.4
NE	.9	1.0	1.3	1.1								4.3	7.3
ENE	.6	.6	.9	.2								2.2	6.5
E	.8	.7	.9	.3								2.7	6.5
ESE	.1	.9	.6									1.6	6.0
SE	.3	.8	.9	.1								2.1	6.3
SSE	.6	.4	.6	.1								1.7	5.3
S	.8	2.2	1.2	.3								4.6	6.0
SSW	1.0	1.2	.9	.1								3.2	5.3
SW	1.1	2.0	1.0	.4								4.6	5.8
WSW	1.8	3.2	2.1	.4	.1							7.7	5.8
W	3.3	6.2	6.4	1.4								17.4	6.5
WNW	1.4	4.3	5.1	1.0	.1							12.0	6.8
NW	2.1	3.8	3.1	.2								9.2	5.5
NNW	2.2	2.6	1.7	.2								6.7	5.3
VARBL													
CALM												5.3	
	21.0	37.0	28.9	7.4	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702850 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.9	1.4	.4								6.4	5.3
NNE	1.3	2.2	1.3	.2								5.1	5.1
NE	1.7	1.1	1.9	.6								5.2	6.0
ENE	.4	.7	.3	.1								1.6	5.8
E	.7	1.0	.2	.1								2.0	4.7
ESE	.3	1.0	.1	.1								1.6	5.4
SE	.3	.4	.8									1.6	6.4
SSE	.7	.7	.6	.1								2.0	5.4
S	1.9	2.4	1.0									5.3	4.4
SSW	2.0	1.4	.6									4.0	3.9
SW	1.0	1.7	.8	.1								3.6	5.0
WSW	2.1	2.2	1.7	.3	.1							6.4	5.7
W	5.0	6.4	5.2	.7								17.3	5.6
WNW	2.0	6.3	2.9	.7								11.9	5.8
NW	2.7	3.6	1.7									7.9	4.5
NNW	2.0	3.1	.9									6.0	4.7
VARBL													
CALM												12.1	
	25.8	37.2	21.3	3.4	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

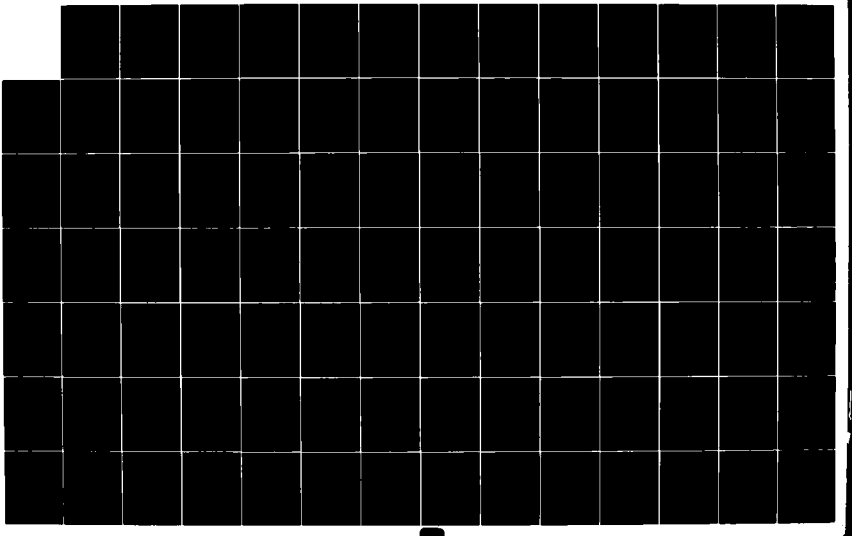
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.0	.2									2.3	3.7
NNE	2.4	1.6	.3									4.3	3.6
NE	2.3	1.0	.6									3.9	3.6
ENE	1.6	.2	.1									1.9	2.4
E	.7	.3										1.0	3.2
ESE	1.7	.6										2.2	2.7
SE	2.2	1.4	.1									3.3	3.3
SSE	3.7	2.1	.6									6.3	3.5
S	5.7	2.0	.3									8.0	3.0
SSW	3.1	1.2	.2									4.6	3.2
SW	2.4	1.4	.4									4.3	3.5
WSW	3.6	2.3	.9									6.8	3.8
W	3.3	3.8	1.8	.2								9.1	4.7
WNW	1.4	1.2	.2	.1								3.0	4.3
NW	1.6	1.3	.3									3.2	3.7
NNW	1.2	1.0	.1									2.3	3.5
VARBL													
CALM												*2.9	
	38.0	22.6	6.2	.3								100.0	2.4

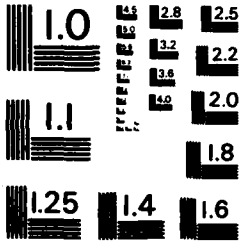
TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A134 198 EIELSON AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 22 JUL 83

UNCLASSIFIED USAFETAC/DS-83/027 SBI-AD-E850 416 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.1	.6	.2	.0							5.0	4.5
NNE	1.5	1.5	.6	.2	.0							3.7	4.7
NE	1.0	.7	.7	.3								2.8	5.8
ENE	.6	.3	.4	.1								1.4	5.3
E	.7	.5	.3	.1								1.6	4.8
ESE	1.0	.6	.2	.1								1.9	4.2
SE	1.3	.9	.6	.1								2.9	4.6
SSE	3.3	1.2	.7	.1								5.2	3.7
S	5.1	2.7	.7	.1	.0							8.6	3.6
SSW	2.5	1.6	.5	.0								4.6	3.8
SW	1.8	1.5	.7	.2								4.1	4.6
WSW	2.5	2.7	1.7	.2	.0							7.2	5.0
W	2.8	4.3	4.1	.8	.0							12.1	6.1
WNW	1.5	3.0	2.1	.5	.0							7.0	6.0
NW	1.4	1.9	1.1	.1								4.4	4.8
NNW	1.7	1.6	.7	.1								4.1	4.6
VARBL													
CALM												23.3	
	30.7	27.1	15.7	3.2	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM 0-8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.1	.1									1.2	2.9
NNE	.4	.3	.1									.9	3.6
NE		.5										.5	5.0
ENE	.4	.1										.5	2.2
E	.5											.5	2.2
ESE	1.1	.4										1.5	2.6
SE	3.5	1.3	.1									4.9	3.0
SSE	10.8	2.8	.1	.1								13.8	2.8
S	11.2	2.8	.1									14.1	2.6
SSW	2.4	1.2										3.5	3.0
SW	1.3	1.4	.4									3.1	4.2
WSW	1.0	1.7	.5	.2								3.4	5.1
W	1.6	1.8	.6	.3								4.4	5.0
WNW	.4	.4	.1									1.0	4.0
NW	.6	.2										.9	2.4
NNW	.4	.2										.6	2.3
VARBL													
CALM												45.1	
	36.7	15.4	2.3	.6								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6										1.3	3.4
NNE	.6	.3	.2									1.2	4.2
NE	.2		.1									.3	4.0
ENE	.3											.3	2.0
E	.4											.4	1.8
ESE	1.3	.4										1.7	2.6
SE	2.6	.5										3.1	2.5
SSE	11.4	2.6										14.0	2.6
S	9.1	3.7	.1									12.9	2.7
SSW	1.8	.9										2.7	3.0
SW	1.5	1.3	.2									3.0	3.8
WSW	1.8	1.8	1.1	.2								4.9	4.9
W	.8	.8	.1									1.6	4.0
WNW	.1	.1	.1									.3	5.3
NW	.8	.1										.9	2.4
NNW	.6	.1										.8	2.3
VARBL													
CALM												50.5	
	34.1	13.2	1.9	.2								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AUG 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7[illegible]2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.0	.2									3.5	3.0
NNE	1.0	.3										1.3	2.8
NE	.8	.2	.2	.1								1.3	4.7
ENE		.5										.5	5.0
E	.3											.3	2.0
ESE	.3	.4	.3									1.1	4.5
SE	1.2	.6	.1	.1								2.0	3.9
SSE	3.7	1.7	.4									5.8	3.2
S	6.3	2.7	.8									9.8	3.3
SSW	4.1	2.2	.2									6.5	3.1
SW	2.6	1.6	.3	.1								4.6	3.6
WSW	3.9	3.4	1.1	.2								8.6	4.2
W	3.2	3.3	1.5									8.1	4.2
WNW	1.0	.9	.2									2.0	4.1
NW	1.5	.2										1.7	2.3
NNW	1.4	.3										1.7	2.6
VARBL													
CALM												41.1	
	33.5	19.5	5.4	.5								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	1.6	.1									5.9	3.0
NNE	1.6	.9	.3									2.8	3.5
NE	.9	.4	.5									1.8	4.6
ENE	1.1	.1	.2									1.4	3.2
E	.4	.9	.8									2.0	5.3
ESE	1.0	1.0	.2									2.2	3.9
SE	1.0	.3	.5									1.8	4.5
SSE	1.7	1.1	1.0									3.8	4.3
S	2.6	2.2	.9									5.6	4.1
SSW	3.0	2.6	.6									6.2	3.8
SW	2.2	2.7	.4									5.3	4.1
WSW	4.5	4.6	2.9	.2								12.3	4.8
W	4.6	7.4	3.8	.8								16.6	5.3
WNW	3.4	2.2	1.3	.1								7.0	4.1
NW	1.3	.9	.4									2.6	3.9
NNW	3.3	2.0	.3									5.7	3.3
VARBL													
CALM												17.1	
	36.8	30.8	14.3	1.1								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7:2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	2.4	1.4	.1								7.5	4.4
NNE	1.6	2.4	.9	.2								5.1	4.9
NE	.5	.6	.3	.2	.1							1.8	6.1
ENE	.8	.6		.1								1.5	4.4
E	.6	1.3	.3									2.3	4.7
ESE	.8	.6	.5									1.9	4.8
SE	.4	1.1	.4	.1								2.0	5.3
SSE	.9	1.0	.9	.2								2.9	5.7
S	1.4	1.7	.5									3.7	4.4
SSW	1.7	1.9	.5	.2								4.4	4.6
SW	2.0	2.8	1.0	.1								5.9	4.5
WSW	2.7	3.5	2.9	.4								9.6	5.5
W	3.0	7.2	6.0	1.4								17.6	6.5
WNW	3.3	4.0	3.0	.4								10.8	5.3
NW	1.5	3.1	1.4	.3								6.3	5.4
NNW	2.8	2.7	.3									5.8	3.8
VARBL													
CALM												10.9	
	27.7	37.0	20.4	3.9	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.8	1.9	.2								7.6	4.9
NNE	2.0	2.6	1.5	.5								6.7	5.4
NE	.9	1.5	.3									2.7	4.8
ENE	1.0	.8	1.1	.2								3.0	5.7
E	1.1	.8	.5	.1								2.5	4.6
ESE	.3	.9	.3	.1								1.6	5.5
SE	.4	1.2	.5	.4								2.6	6.4
SSE	.5	1.2	.9	.2								2.8	5.8
S	.6	2.4	.6	.1	.1							3.9	5.6
SSW	1.4	2.4	.9									4.6	4.8
SW	.8	1.0	1.1	.2								3.0	6.2
WSW	2.4	3.3	1.7	.8								8.2	5.6
W	4.2	5.6	4.5	1.2								15.5	5.9
WNW	2.6	5.3	4.8	.1								12.8	5.7
NW	1.6	1.9	1.5	.2								5.3	5.3
NNW	2.5	3.4	1.6	.3								7.8	5.1
VARBL													
CALM												9.5	
	24.9	36.9	23.9	4.7	.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AIR 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.7	1.3	.2								6.2	4.8
NNE	1.7	2.4	1.3	.2								5.6	5.3
NE	1.4	1.2	.8									3.3	4.6
ENE	.5	1.0	.5		.1							2.2	5.6
E	1.3	.6	.2									2.2	3.9
ESE	1.0	.5	.4									1.9	4.2
SE	.3	.6	.6									1.6	5.9
SSE	.8	1.3	.9									2.9	5.0
S	2.7	2.7	.3									5.7	3.8
SSW	2.2	1.5	.3									4.0	3.7
SW	2.3	1.5	.6	.1								4.5	4.2
WSW	3.2	3.3	1.6	.1								8.3	4.7
W	4.5	5.7	2.6	.4								13.2	4.9
WNW	2.9	2.9	1.8	.2								7.8	4.9
NW	3.0	3.2	.6	.1								7.0	4.2
NNW	2.6	2.0	.2	.1								4.9	3.8
VARBL													
CALM												18.6	
	32.4	33.2	14.2	1.5	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7: 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.6										2.2	2.9
NNE	2.4	1.7	.2									4.3	3.6
NE	1.6	.3	.2									2.2	2.9
ENE	1.0	.2										1.2	2.5
E	.5	.4										1.0	3.3
ESE	1.5	.5		.1								2.2	3.2
SE	1.4	1.2		.1								2.7	3.6
SSE	4.6	2.7	.4									7.7	3.5
S	6.6	2.5	.3									9.4	3.2
SSW	2.4	1.9										4.3	3.1
SW	1.9	1.6	.4									4.0	3.8
WSW	2.8	2.4	1.3									6.5	4.5
W	2.6	2.3	1.1	.6								6.6	5.0
WNW	1.3	.9	.3	.1								2.6	3.9
NW	.8	.4	.2									1.4	3.7
NNW	.8	.3										1.1	2.9
VARBL													
CALM												41.0	
	33.5	20.0	4.5	1.0								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.5	.6	.1								4.4	4.0
NNE	1.4	1.4	.6	.1								3.5	4.6
NE	.8	.6	.3	.0	.0							1.7	4.6
ENE	.6	.4	.2	.0	.0							1.3	4.5
E	.7	.5	.2	.0								1.4	4.2
ESE	.9	.6	.2	.0								1.8	3.9
SE	1.4	.9	.3	.1								2.6	4.1
SSE	4.3	1.8	.6	.1								6.7	3.4
S	5.1	2.6	.5	.0	.0							8.1	3.3
SSW	2.4	1.8	.3	.0								4.5	3.7
SW	1.8	1.7	.6	.1								4.2	4.2
WSW	2.8	3.0	1.6	.3								7.7	4.9
W	3.1	4.3	2.5	.6								10.4	5.5
WNW	1.9	2.1	1.5	.1								5.5	5.0
NW	1.4	1.3	.5	.1								3.3	4.4
NNW	1.8	1.4	.3	.1								3.6	3.9
VARBL													
CALM												29.2	
	32.5	25.7	10.9	1.7	.0							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM JUL 64 0-8-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.1	.1									2.8	3.3
NNE	.9	.2										1.1	2.6
NE	.4	.5										1.0	3.3
ENE	.3	.1										.4	2.3
E	.9											.9	1.8
ESE	.6	.1										.8	2.6
SE	3.8	1.1										4.8	2.6
SSE	9.4	1.6	.1									11.1	2.5
S	8.9	1.3	.1									10.3	2.4
SSW	2.2	1.1										3.2	3.0
SW	2.3	1.2	.1									3.5	3.1
WSW	1.6	1.6	1.3									4.5	4.7
W	1.4	1.3	.8	.1								3.5	4.6
WNW	.6	.4										1.1	3.4
NW	1.0	.3										1.3	2.4
NNW	1.2	.6										1.8	3.0
VARBL													
CALM												47.8	
	37.0	12.6	2.5	.1								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.5										2.2	2.7
NNE	.4	.1										.5	2.4
NE	.1	.1										.2	3.5
ENE	.3	.1										.4	3.0
E	1.1	.1										1.2	1.8
ESE	1.3	.2										1.5	2.3
SE	2.4	.4	.1									2.9	2.6
SSE	7.6	1.5	.3									9.5	2.6
S	7.0	2.2	.1									9.3	2.7
SSW	2.2	1.2	.1									3.4	3.0
SW	1.8	1.0										2.8	2.9
WSW	2.0	1.4	.8									4.2	4.0
W	1.0	.5	1.7									3.2	6.2
WNW	.3	.3										.6	2.8
NW	.5			.1								.6	3.5
NNW	.9	.5										1.4	2.9
VARBL													
CALM												56.0	
	30.6	10.2	3.1	.1								100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	.4										3.0	2.4
NNE	.8	.8	.1									1.6	3.5
NE	.3	.5										.9	3.8
ENE	.2											.2	2.0
E	.2	.3										.5	4.2
ESE	.6	.3	.1									1.1	3.9
SE	.3	.6	.1									1.1	4.7
SSE	4.2	1.8	.1									6.1	3.2
S	5.2	2.5	.4									8.1	3.1
SSW	3.3	1.0	.1									4.4	2.8
SW	2.2	.9	.2									3.2	3.4
WSW	2.7	2.2	.6	.1								5.6	4.2
W	2.7	3.0	1.4		.1							7.2	4.7
WNW	.9	.3	.4	.1								1.7	4.4
NW	.5	.4		.1								1.1	3.9
NNW	1.3	.3										1.6	2.7
VARBL													
CALM												2.6	
	28.0	15.4	3.7	.3	.1							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
AUG — MONTH

ALL WEATHER — CLASS
0900-1100 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	1.2	.2									4.4	3.0
NNE	1.2	.6	.5									2.4	4.3
NE	.4		.8									1.2	6.2
ENE	.5	.2										.8	2.9
E	1.0	.8	.3									2.0	3.9
ESE	.3	.5	.8	.2								1.8	6.6
SE	.5	1.1	1.1	.2								2.9	6.7
SSE	1.9	1.3	.9	.1								4.2	4.6
S	4.0	1.3	.3	.1								5.7	3.3
SSW	2.6	2.0	.2									4.8	3.6
SW	2.5	1.9	.5									4.9	3.5
WSW	2.4	4.1	1.8	.1								8.4	4.9
W	2.5	5.3	1.9	.5								10.2	5.3
WNW	2.5	2.2	1.3	.2								6.1	4.8
NW	1.7	1.5	.2									3.4	3.7
NNW	2.6	1.3										3.9	2.9
VARBL													
CALM												32.8	
	29.6	25.3	10.9	1.5								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	1.4	.3									4.4	3.7
NNE	2.2	1.9	1.1	.1								5.3	4.5
NE	1.2	.3	.6	.1								2.3	4.9
ENE	.9	.4		.1								1.4	3.9
E	1.0	1.1	1.0									3.0	5.1
ESE	.5	1.2	1.6	.1								3.4	6.4
SE	1.0	.2	1.0									2.2	5.1
SSE	.6	1.6	1.3	.2								3.8	6.2
S	1.4	1.9	1.1									4.4	4.9
SSW	1.2	1.2	.2									2.6	3.6
SW	1.7	1.2	.8	.1								3.8	4.2
WSW	3.1	3.9	2.0	.3	.1							9.5	5.3
W	3.9	5.6	4.4	.8		.1						14.7	5.8
WNW	3.7	4.7	1.7									10.1	4.4
NW	3.2	2.3	.8									6.2	4.0
NNW	3.0	2.4	.9									6.2	4.0
VARBL													
CALM												16.8	
	31.2	31.3	18.7	1.8	.1	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.9	.9									4.8	4.4
NNE	1.7	2.0	.9	.2								4.8	5.0
NE	1.7	.9	1.1	.3								4.0	5.3
ENE	.5	.3	.2	.2								1.3	5.9
E	.8	1.1	.6	.1								2.6	5.5
ESE	.4	.6	1.0	.1								2.2	5.9
SE	.6	1.1	1.5	.3								3.5	6.5
SSE	1.2	1.9	1.0	.2								4.3	5.3
S	1.3	1.9	.9	.1								4.2	4.9
SSW	1.7	1.1	.2									3.0	3.6
SW	1.3	.8	.4									2.5	3.8
WSW	3.2	4.7	1.9	.3								10.2	5.0
W	5.2	6.9	3.5	.5								16.1	5.1
WNW	4.1	3.9	2.3	.1								10.3	4.5
NW	2.7	3.5	.8	.2								7.2	4.3
NNW	2.0	2.0	.9									4.9	4.2
VARBL													
CALM												14.0	
	30.5	34.7	18.0	2.8								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702510 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.3	.2									3.2	3.8
NNE	2.3	1.6	.6	.1								4.6	4.3
NE	2.4	.9	.8	.1								4.1	4.1
ENE	1.4	.3	.1									1.8	2.9
E	2.0	.9	.3									3.2	3.5
ESE	.8	1.2	.2									2.2	4.1
SE	1.6	.8	.5									2.9	4.0
SSE	2.4	1.4	.4									4.2	3.6
S	3.8	1.7	.1									5.6	3.2
SSW	2.0	.4	.1									2.6	2.8
SW	1.6	.6	.2									2.5	3.4
WSW	3.1	3.0	1.1									7.2	4.2
W	5.6	3.7	1.5	.1								10.9	4.0
WNW	3.8	1.8	.4									6.0	3.3
NW	1.7	1.0	.3									3.0	3.6
NNW	1.1	1.1	.2									2.4	4.0
VARBL													
CALM												33.7	
	37.2	21.6	7.2	.3								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	.1									2.5	3.3
NNE	1.3	.9										2.2	3.3
NE	.5	.4	.1									1.1	3.4
ENE	1.3	.2										1.5	2.3
E	1.4		.1									1.5	2.5
ESE	1.3	.2										1.5	2.4
SE	2.8	1.1	.1									4.0	2.9
SSE	8.4	1.9	.2									10.5	2.7
S	8.5	2.0										10.5	2.5
SSW	1.7	1.0	.1									2.8	3.0
SW	1.8	.5	.3									2.7	3.3
WSW	1.7	2.2	.6									4.5	4.2
W	1.3	1.4	1.2									3.9	4.9
WNW	.6	.5	.2									1.4	4.0
NW	.4	.3										.8	2.7
NNW	1.0	.5										1.5	2.8
VARBL													
CALM												47.2	
	35.4	14.3	3.1									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.1	.2									3.4	3.4
NNE	1.3	1.0	.4	.1								2.8	4.2
NE	.9	.5	.4	.1								1.8	4.6
ENE	.7	.2	.0	.0								1.0	3.4
E	1.0	.5	.3	.0								1.9	3.9
ESE	.7	.6	.5	.1								1.8	4.8
SE	1.6	.8	.6	.1								3.0	4.2
SSE	4.5	1.6	.5	.1								6.7	3.4
S	5.0	1.9	.4	.0								7.3	3.1
SSW	2.1	1.1	.1									3.4	3.2
SW	1.9	1.0	.3	.0								3.2	3.5
WSW	2.5	2.9	1.3	.1	.0							6.8	4.7
W	2.9	3.5	2.1	.3	.0	.0						8.7	5.1
WNW	2.1	1.8	.8	.1								4.7	4.2
NW	1.5	1.2	.3	.1								3.0	3.8
NNW	1.6	1.1	.2									3.0	3.6
VARBL													
CALM												37.6	
	32.4	20.7	8.4	.9	.0	.0						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	1.1	.3									4.1	3.4
NNE	1.9	2.9	.6									5.3	4.4
NE	.6	1.0	.1									1.7	4.3
ENE	.4	.6										1.0	3.2
E	.7	.2	.1									1.0	3.6
ESE	1.0	.9	.3									2.2	4.4
SE	2.3	.8	.7	.1								3.9	4.0
SSE	5.2	1.4	.1	.2								7.0	2.9
S	6.3	1.0	.2									7.6	2.7
SSW	2.4	.6										3.0	2.6
SW	.8	.8										1.6	3.4
WSW	1.4	1.1	.1									2.7	3.5
W	1.1	1.4	1.1									3.7	5.0
WNW	.2	.1	.1									.4	3.8
NW	.6	.1										.7	2.0
NNW	1.7	.9	.1									2.7	3.2
VARBL													
CALM												51.6	
	29.3	14.9	3.9	.3								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.0	.2									3.9	3.9
NNE	1.7	2.2	.7									4.6	4.4
NE	.2	.4										.7	4.2
ENE	.3	.4										.8	3.6
E	.8	.4										1.2	3.0
ESE	1.3	.3	.2									1.9	3.5
SE	1.3	.8	.3									2.4	3.9
SSE	3.4	1.4	.2	.3								5.4	3.7
S	6.9	1.9										8.8	2.6
SSW	1.4	.1										1.6	2.2
SW	1.1	.6	.1									1.8	3.2
WSW	1.7	1.2	.3									3.2	3.9
W	.3	1.1	.6	.2								2.2	6.0
WNW	.7		.2									.9	3.5
NW	.9	.2										1.1	2.8
NNW	.9	.8										1.7	3.3
VARBL													
CALM												57.9	
	24.7	18.0	2.9	.6								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.7	.2									2.7	3.2
NNE	.8	2.1	.7									3.6	4.9
NE	.4	.4	.1									1.0	3.7
ENE	.3	.2		.1								.7	4.8
E	.8	.3	.1									1.2	3.2
ESE	.8	.6	.7									2.0	5.0
SE	1.6	.3	.4	.1								2.4	4.2
SSE	3.3	1.2	.7	.1	.1							5.4	3.9
S	4.9	1.1	.3	.1								6.4	3.0
SSW	2.1	.7	.2									3.0	2.9
SW	1.7	.8	.2									2.7	3.2
WSW	.6	1.2	.3	.1								2.2	5.0
W	.8	1.4	.6	.3								3.1	5.7
WNW	.3	.6	.1									1.0	4.1
NW	.6	.4										1.0	3.2
NNW	2.3	.7	.1									3.1	3.1
VARBL													
CALM												58.4	
	23.0	12.8	4.8	.9	.1							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.1	1.9	.3									6.3	3.1
NNE	2.3	1.2	1.1	.1								4.8	4.2
NE	.2	.6	1.3	.1								2.2	7.3
ENE	.4	.4	.7	.1								1.7	6.0
E	.8	.9	.9	.6								3.1	6.6
ESE	.6	1.2	1.4	.2								3.4	6.7
SE	.6	.8	1.7	.7								3.7	7.7
SSE	1.3	.8	1.1	.3	.2							3.8	6.5
S	3.3	1.4	.9									5.7	3.9
SSW	2.3	.9	.4									3.7	3.4
SW	1.7	1.3		.1								3.1	3.8
WSW	1.9	1.9	.9	.1								4.8	4.5
W	2.2	2.7	1.3	.1								6.3	4.7
WNW	.8	1.0	.4									2.2	4.4
NW	1.1	.3										1.4	2.4
NNW	1.9	.9	.2									3.0	3.1
VARBL													
CALM												40.8	
	25.6	18.2	12.8	2.4	.2							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	2.0	.2									5.3	3.8
NNE	1.8	1.0	1.2	.4								4.4	5.5
NE	.9	.6	1.8	.7								3.9	7.2
ENE	1.0	.8	.9	.2								2.9	5.7
E	1.0	2.1	2.2	.9								6.2	6.8
ESE	.4	1.7	1.6	.3	.1							4.1	7.2
SE	1.1	1.4	2.6	.9	.1							6.1	7.4
SSE	1.7	2.1	1.0	.6								5.3	5.6
S	.9	1.3	.4									2.7	4.8
SSW	1.0	1.2	.3	.1	.1							2.8	5.1
SW	1.0	.9	.1		.1							2.1	4.9
WSW	2.8	1.7	.7	.1	.1							5.3	4.4
W	3.2	4.4	2.3	.3								10.3	5.1
WNW	1.9	1.7	1.0									4.6	4.4
NW	1.7	1.3	.4									3.4	4.0
NNW	4.2	2.2	.1									6.6	3.1
VARBL													
CALM												23.9	
	27.7	26.4	16.9	4.6	.6							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AR 64 0-8-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	2.8	.4									6.6	3.9
NNE	1.0	2.6	1.1	.3								5.0	5.5
NE	.8	.8	1.9	.9								4.3	7.7
ENE	.9	.6	1.0	.4								2.9	7.0
E	1.3	1.2	1.2									3.8	5.0
ESE	.9	1.4	2.3	.7								5.3	6.9
SE	1.2	1.3	2.6	1.4		.1						6.7	8.1
SSE	1.0	1.3	1.4	.4								4.2	6.4
S	1.6	1.1										2.7	3.5
SSW	1.1	.6	.2		.1							2.0	4.6
SW	.9	.9										1.8	3.6
WSW	2.4	1.8	1.1									5.3	4.2
W	3.4	3.8	2.2	.1								9.6	4.7
WNW	1.9	2.1	1.1									5.1	4.7
NW	3.7	1.4	.4	.1								5.7	3.6
NNW	3.3	1.7	.7									5.7	3.5
VARBL													
CALM												23.4	
	28.8	25.3	17.8	4.4	.1	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	1.2	.3									4.2	3.6
NNE	2.0	2.6	1.0									5.6	4.4
NE	2.0	.7	1.3	.6								4.6	5.7
ENE	.8	1.1	.3	.2								2.4	5.1
E	.9	1.1	.2									2.2	4.1
ESE	.8	1.1	1.2	.1								3.2	6.0
SE	1.8	1.2	1.9	.6	.1							5.6	6.6
SSE	2.3	1.0	.2	.1								3.7	3.6
S	2.7	.7										3.3	2.3
SSW	1.2	.2	.1									1.6	2.9
SW	1.2	.7	.1									2.0	3.0
WSW	2.2	1.6	.7									4.4	4.1
W	3.3	2.1	.8	.1								6.3	4.1
WNW	1.2	.8	.1									2.1	3.5
NW	1.4	.4										1.9	2.6
NNW	2.1	.8										2.9	2.9
VARBL													
CALM												44.0	
	28.7	17.2	8.3	1.7	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.2	.2									3.2	3.6
NNE	2.3	3.1	.6	.1								6.1	4.3
NE	1.0	1.1	.9	.1								3.1	5.0
ENE	.1	1.1	.4									1.7	5.3
E	.8	1.3	.1									2.2	4.1
ESE	1.0	.3	1.1									2.4	5.4
SE	2.1	.4	.4	.1	.1							3.2	4.2
SSE	5.1	1.3	.6	.3	.1							7.4	4.0
S	5.9	1.8	.1									7.8	2.8
SSW	1.3	.3										1.7	2.6
SW	1.3	.6	.2									2.1	3.3
WSW	1.4	.7	.4									2.6	4.1
W	1.7	1.9	.9	.1								4.6	4.5
WNW	.3	.3	.2									.9	4.8
NW	.7	.4	.1									1.2	3.4
NNW	1.9	1.2										3.1	2.9
VARBL													
CALM												46.7	
	28.8	17.2	6.3	.8	.2							100.2	2.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72265D (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	1.6	.3									4.5	3.5
NNE	1.7	2.2	.9	.1								4.9	4.7
NE	.8	.7	.9	.3								2.7	6.2
ENE	.5	.7	.4	.1								1.7	5.5
E	.9	1.0	.6	.2								2.6	5.3
ESE	.8	.9	1.1	.2	.0							3.1	6.0
SE	1.5	.9	1.3	.5	.0	.0						4.2	6.2
SSE	2.9	1.3	.7	.3	.1							5.3	4.4
S	4.1	1.3	.2	.0								5.6	3.0
SSW	1.6	.6	.2	.0	.0							2.4	3.4
SW	1.2	.8	.1	.0	.0							2.1	3.5
WSW	1.8	1.4	.6	.0	.0							3.8	4.2
W	2.0	2.4	1.2	.2								5.8	4.8
WNW	.9	.8	.4									2.2	4.3
NW	1.3	.6	.1	.0								2.1	3.3
NNW	2.3	1.1	.2									3.6	3.2
VARBL													
CALM												43.3	
	27.1	18.3	9.2	2.0	.2	.0						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	2.4	.3									5.3	3.7
NNE	1.4	3.4	.5	.2								5.6	4.9
NE	.5	.5	.3									1.4	4.7
ENE	.4	.3	.2	.1								1.1	5.3
E	.5	.8	.2									1.5	4.3
ESE	1.3	.4	.2									1.9	3.3
SE	1.2	.3	.2	.1								1.8	4.1
SSE	3.3	.4	.2	.1	.1							4.2	3.6
S	4.1	1.6										5.7	2.7
SSW	2.2	.1	.1									2.4	2.3
SW	1.5	.4										1.9	2.8
WSW	1.0	1.4	.2									2.6	4.0
W	1.3	1.3	.5									3.1	4.0
WNW	.2	.3										.5	3.8
NW	.5	.3										.9	3.0
NNW	1.9	.8	.1									2.8	3.2
VARBL													
CALM												57.3	
	24.0	14.9	3.2	.5	.1							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.9										5.6	3.5
NNE	1.0	2.3	1.0									4.2	4.9
NE	.2	.6	.8									1.6	6.1
ENE	.5	.3	.1									1.0	3.8
E	.2	.3	.5									1.1	6.4
ESE	.4	.2	.3	.1								1.1	5.7
SE	2.5	.3	.2									3.0	2.7
SSE	2.3	.4	.4		.3							3.4	4.8
S	4.1	1.3	.1									5.5	2.6
SSW	1.6	.1										1.7	2.1
SW	2.0	.5										2.6	2.7
WSW	1.4	.6	.1									2.2	3.5
W	.9	1.4	.3									2.6	4.5
WNW	.4	.1										.5	2.4
NW	.6	.4										1.1	3.2
NNW	1.4	1.0										2.4	3.0
VARBL													
CALM												60.5	
	22.3	12.9	3.9	.1	.3							100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	1.5	.3									4.5	3.4
NNE	1.3	2.5	1.1									4.9	4.6
NE	.4	.6	.2									1.3	4.4
ENE	.3	.1										.4	2.5
E	.4	.3	.2									1.0	4.0
ESE	.8	.5	.5									1.8	5.1
SE	1.1	.4	.4	.1								2.0	4.8
SSE	2.5	.8	.1	.2	.1							3.7	3.8
S	3.2	1.5	.1									4.8	2.9
SSW	1.9	.3	.1									2.4	2.5
SW	1.6	.8	.1									2.5	3.1
WSW	2.0	.6	.3									3.0	3.2
W	.6	1.0	.6									2.3	4.8
WNW	.3	.4										.8	3.7
NW	1.0	.2	.1									1.3	2.8
NNW	1.5	.9	.1									2.5	3.5
VARBL													
CALM												61.0	
	21.7	12.5	4.4	.3	.1							100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	2.0	.2									5.7	3.1
NNE	1.4	1.7	.5									3.7	4.2
NE	.4	.3	1.1									1.8	6.2
ENE	.3											.3	1.3
E	.4	.5	.2									1.2	4.5
ESE	.5	1.0	.8									2.3	5.2
SE	.8	1.4	.9	.5								3.6	6.5
SSE	1.7	.6	.4									2.8	3.7
S	4.7	1.1	.1									5.9	2.6
SSW	1.5	.8	.1									2.4	3.0
SW	2.2	1.0	.1									3.2	2.7
WSW	1.5	1.3	1.0									3.8	4.5
W	2.0	1.5	.3									3.9	4.0
WNW	.9	.3	.1									1.3	3.5
NW	.9	.6										1.5	3.0
NNW	2.4	1.2	.3									3.9	3.4
VARBL													
CALM												52.9	
	25.1	15.4	6.1	.5								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.1	2.8	.5									8.4	3.4
NNE	1.6	3.3	1.2									6.1	5.2
NE	.4	.4	.9									1.7	6.0
ENE	.1	.2	.2									.5	6.0
E	.4	1.3	.5									2.3	5.1
ESE	1.0	1.0	1.1									3.0	5.3
SE	.9	.8	1.3	.5	.1							3.5	7.4
SSE	1.3	1.6	.9	.1								3.9	5.2
S	2.0	1.0	.1									3.1	3.1
SSW	2.5	.8										3.2	2.5
SW	2.3	.6	.1									3.0	2.7
WSW	2.0	1.8	1.1	.1								5.1	4.1
W	2.7	2.2	1.5	.2								6.6	4.8
WNW	.8	.6	.1	.1								1.6	4.3
NW	1.3	.2	.1									1.6	2.7
NNW	3.7	1.6	.2									5.5	3.0
VARBL													
CALM												40.9	
	28.0	20.2	9.8	1.1	.1							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
OCT — MONTH

ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	1.8	.6	.2								6.9	3.7
NNE	.9	3.3	1.6	.1								5.9	5.5
NE	.4	.2	.8	.2								1.6	7.0
ENE	.2	.4	.1									.8	4.6
E	1.0	.8	.4									2.2	4.3
ESE	.8	1.3	1.1									3.1	5.5
SE	1.1	.8	.8	.4								3.0	6.1
SSE	1.5	.6	.5									2.7	3.8
S	1.7	1.5										3.2	3.2
SSW	1.6	.4										2.0	2.7
SW	2.8	1.0	.1									3.9	2.6
WSW	2.6	1.3	.5									4.4	3.5
W	3.3	2.0	1.1	.1								6.6	3.9
WNW	1.2	.3	.1									1.6	3.1
NW	1.5	.2	.1									1.8	2.6
NNW	2.5	1.3	.1									3.9	3.0
VARBL													
CALM												46.5	
	27.2	17.3	8.0	1.1								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.4	.8	.2								5.7	4.5
NNE	1.4	2.2	1.5									5.1	5.2
NE	1.1	1.0	.4									2.5	4.3
ENE	1.0	.4	.3									1.7	3.9
E	.2	.3	.1									.6	4.7
ESE	.5	.3	.5	.1								1.5	6.1
SE	.6	.5	.2	.2								1.6	5.3
SSE	4.0	1.7	.3	.1								6.1	3.3
S	3.2	1.0										4.2	2.7
SSW	1.7		.1									1.8	2.1
SW	1.3	.8	.2									2.3	3.3
WSW	1.9	1.4	.3									3.7	3.5
W	1.5	1.4	1.0	.1								4.0	5.2
WNW	.6	.3										1.0	2.9
NW	1.2	.2										1.4	2.7
NNW	1.3	1.1										2.4	3.0
VARBL													
CALM												54.5	
	24.0	14.9	5.8	.8								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70265C (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.7	3.3	.5	.2								8.8	3.8
NNE	.9	2.7	.8									4.3	4.8
NE	.3	.8	.3	.1								1.5	5.3
ENE	.5	.2	.2									1.0	3.9
E	.3	.6										1.0	3.7
ESE	.6	.3	.1	.2								1.3	4.8
SE	1.4	.4	.3									2.2	3.8
SSE	3.4	1.1		.3								4.8	3.4
S	3.7	1.7										5.4	2.9
SSW	1.9	.1										2.0	2.2
SW	1.0	.3										1.3	2.5
WSW	2.3	1.3	.4									4.0	3.6
W	1.3	1.4	.5									3.2	4.6
WNW	.6	.2	.1									1.0	3.0
NW	.5	.1										.6	2.7
NNW	2.7	.6										3.3	2.7
VARBL													
CALM												54.3	
	26.2	15.3	3.3	.9								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	2.4	.4	.1								6.4	3.6
NNE	1.2	2.7	1.0	.0								5.0	5.0
NE	.5	.6	.6	.0								1.7	5.5
ENE	.4	.3	.1	.0								.8	4.1
E	.4	.6	.3									1.3	4.7
ESE	.7	.6	.6	.1								2.0	5.1
SE	1.2	.6	.5	.2	.0							2.6	5.3
SSE	2.5	.9	.4	.1	.1							4.0	3.9
S	3.3	1.3	.1									4.7	2.8
SSW	1.9	.3	.1									2.2	2.5
SW	1.8	.7	.1									2.6	2.8
WSW	1.8	1.2	.5	.0								3.6	3.8
W	1.7	1.5	.7	.1								4.0	4.5
WNW	.6	.3	.1	.0								1.0	3.4
NW	.9	.3	.0									1.3	2.8
NNW	2.2	1.0	.1									3.3	3.1
VARBL													
CALM												53.5	
	24.8	15.4	5.6	.7	.1							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1										2.2	3.4
NNE		.1	.1									.2	5.5
NE		.2	.1									.3	5.3
ENE	.6		.1									.7	3.0
E	.4	.2	.3									1.0	4.7
ESE	.8	.2	.1	.1								1.2	4.3
SE	.9	.3	.4	.4								2.1	6.6
SSE	3.4	1.0	.1	.1	.1							4.8	3.6
S	3.3	1.6	.1									5.0	3.0
SSW	1.0	.1										1.1	2.1
SW	.9	.1										1.0	2.2
WSW	.4	.1	.2									.8	4.0
W	.3	.4	.6									1.3	5.9
WNW	.4	.1		.1								.7	3.8
NW	.4	.1										.6	1.8
NNW	1.6	.8										2.3	2.7
VARBL													
CALM												74.7	
	15.7	6.6	2.2	.8	.1							100.0	.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0300-0600 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6										1.1	3.4
NNE	.8	.2										1.0	2.4
NE	.6	.1										.7	2.2
ENE	.1	.1										.2	3.5
E	.7	.3	.2									1.2	3.4
ESE	.8	.4	.1	.1								1.4	4.2
SE	.8	.4	.2	.3	.2							2.0	6.9
SSE	3.1	.6		.3	.2	.1	.1					4.4	5.2
S	4.8	1.0	.1	.1								6.0	2.9
SSW	1.0	.1										1.1	2.3
SW		.2	.1									.3	6.0
WSW	.7	.1										.8	2.4
W	.4	1.1	.8	.1								2.4	5.9
WNW	.1											.1	2.0
NW	.6	.1										.7	2.3
NNW	1.6	.9										2.4	3.0
VARBL													
CALM												74.0	
	16.4	6.3	1.6	1.0	.4	.1	.1					100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.3										1.8	2.4
NNE	.6	.8										1.3	4.0
NE	.2	.1										.3	2.7
ENE	.3											.3	2.3
E	.4	.6	.1									1.1	4.3
ESE	.2	.1	.1									.4	5.3
SE	1.3	.2	.2	.2								1.7	4.9
SSE	1.9	.8	.4	.8	.1							4.0	6.0
S	3.3	1.2	.1									4.7	2.7
SSW	1.3	.1	.2									1.3	3.0
SW	.2	.4										1.0	3.2
WSW	.7	.2	.1	.1								1.1	4.1
W	.4	.6	.8	.2								2.0	6.7
WNW	.3											.3	2.3
NW	.1											.1	2.0
NNW	1.1	.6	.1									1.8	3.2
VARBL													
CALM												76.7	
	13.7	6.0	2.2	1.3	.1							100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.4	.1									2.2	3.2
NNE	.4	.3	.1									.9	3.8
NE	.4	.1	.2									.8	4.6
ENE	.2	.4	.1									.8	5.0
E	.4	.4										.9	3.0
ESE	1.1	.1										1.2	2.8
SE	1.2	.3	.3									1.9	3.6
SSE	2.1	1.0	.7	.2								4.0	4.6
S	2.9	.9	.3									4.1	3.0
SSW	1.2	.3	.1									1.7	2.7
SW	.4	.1	.1									.7	3.8
WSW	.8	.6	.3	.1								1.8	4.6
W	.7	.7	1.4	.3								3.1	7.0
WNW	.3	.2										.6	2.8
NW	.6	.1										.7	2.2
NNW	1.0	.4										1.4	2.6
VARBL													
CALM												73.3	
	15.6	6.6	3.9	.7								100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.4										3.2	3.1
NNE	.6	.7	.1									1.3	3.8
NE		.2		.2								.4	8.5
ENE	.6	.3	.1									1.0	4.1
E	.6	.4										1.0	3.1
ESE	.1	.7	.6									1.3	6.1
SE	.3	.4	.3	.1								1.2	6.4
SSE	.9	.2	.4	.2								1.8	5.3
S	2.3	.9	.1	.3								3.7	3.8
SSW	1.6	.2										1.8	2.3
SW	1.0	.3										1.3	2.8
WSW	1.2	1.2	.2	.1								2.8	4.1
W	1.6	1.8	.4	.3								4.1	5.0
WNW	.6											.6	2.2
NW	.3											.3	1.7
NNW	2.4	1.1										3.6	2.9
VARBL													
CALM												70.6	
	15.8	10.0	2.3	1.3								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.2										3.0	3.1
NNE	1.0	.3	.3									1.7	3.6
NE	.1											.1	1.0
ENE	.6	.4	.3									1.3	4.4
E	.7	.1	.2	.3	.1							1.4	6.7
ESE	.3	.3	.4									1.1	5.8
SE	1.1	.3	.3	.1								1.9	4.2
SSE	1.0	.7	.2	.3								2.2	5.3
S	2.3	.8	.2	.1								3.4	3.3
SSW	1.4	.7	.1									2.2	3.2
SW	.8	.3										1.1	3.3
WSW	.9	.7	.1	.1								1.8	4.2
W	1.0	.7	.8	.1								2.6	5.3
WNW	.7	.1	.1									.9	3.4
NW	.7	.1										.8	2.1
NNW	1.3	1.4										2.8	3.4
VARBL													
CALM												71.7	
	15.7	8.2	3.2	1.1	.1							100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	.8										2.6	2.8
NNE	.2	.7										.9	4.1
NE		.2										.2	4.0
ENE		.3	.2									.6	5.8
E	.9	.6	.6									2.0	4.9
ESE	.3	.2		.2	.1							.9	7.8
SE	1.4	.2	.1									1.8	3.3
SSE	2.4	.3		.2								3.0	3.3
S	3.6	1.1	.1	.2								5.0	3.0
SSW	1.0	.8	.3									2.1	3.9
SW	1.0	.2										1.2	2.5
WSW	.9	.9										1.8	3.4
W	.6	.7	.2									1.4	4.6
WNW	.4	.1	.1									.7	3.5
NW	.8	.3										1.1	3.0
NNW	1.0	1.2										2.2	3.2
VARBL													
CALM												72.6	
	16.3	8.7	1.7	.7	.1							100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.8										2.0	2.9
NNE	1.0	.1										1.1	2.2
NE	.1	.2										.3	4.7
ENE	.6		.3									.9	4.0
E		.2	.3	.1	.1							.8	9.3
ESE	.8		.1									.9	2.8
SE	1.4	.2			.2	.1						2.0	5.3
SSE	2.2	.9										3.1	2.8
S	2.8	1.0	.1	.1								4.0	3.0
SSW	1.0	.1	.2									1.3	3.2
SW	.9	.2	.1									1.2	3.0
WSW	.4	.4	.2									1.1	4.3
W	.2	.9	.2									1.3	5.3
WNW	.3	.1	.3									.8	5.6
NW	.7	.2										.9	2.5
NNW	1.1	.8										1.9	3.4
VARBL													
CALM												76.3	
	14.8	6.2	2.0	.2	.3	.1						100.0	.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.8	.0									2.3	3.0
NNE	.6	.4	.1									1.1	3.5
NE	.2	.2	.0	.0								.4	4.3
ENE	.4	.2	.2									.7	4.2
E	.5	.4	.2	.1	.0							1.2	4.8
ESE	.6	.3	.2	.1	.0							1.1	4.8
SE	1.0	.3	.2	.2	.1	.0						1.8	5.2
SSE	2.1	.7	.2	.3	.1	.0	.0					3.4	4.5
S	3.2	1.1	.2	.1								4.5	3.1
SSW	1.2	.3	.1									1.6	2.9
SW	.7	.2	.0									1.0	3.0
WSW	.7	.5	.2	.1								1.5	4.0
W	.7	.8	.7	.1								2.3	5.7
WNW	.4	.1	.1	.0								.6	3.5
NW	.5	.1										.6	2.3
NNW	1.4	.9	.0									2.3	3.1
VARBL													
CALM												73.7	
	15.5	7.3	2.9	.9	.2	.0	.0					100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0		.2									1.2	3.2
NNE	.4	1.3	1.1	.1								2.9	6.1
NE	.1	.2	.3	.1								.8	6.9
ENE	.2											.2	2.0
E	.1	.2	.1									.4	5.8
ESE	.8	.4	.2									1.4	4.3
SE	.5	.2		.2								1.0	5.4
SSE	2.3	.2	.2	.1								2.8	3.2
S	1.9	1.4	.2									3.5	3.1
SSW	1.0	.1										1.1	2.4
SW	.5	.3	.2									1.1	4.1
WSW	.3	.3										.6	3.3
W	.2	.4	.1									.8	4.6
WNW	.2	.1										.3	2.7
NW	.4	.1										.5	2.8
NNW	1.3	.6										1.9	2.8
VARBL													
CALM												79.5	
	11.3	6.0	2.7	.5								100.0	.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
DEC — MONTH

ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.3	.1									1.6	3.3
NNE	.3	1.1	1.0									2.4	5.8
NE	.3	.2	.2									.8	4.6
ENE	.1		.1									.2	4.5
E	.5	.1										.6	2.0
ESE	.1	.3	.2	.1								.8	6.4
SE	.9	.2		.1	.1							1.3	4.3
SSE	1.5	.2	.1									1.8	2.5
S	2.4	.9	.5									3.8	3.9
SSW	.8	.1										.9	2.1
SW	.4	.8										1.2	3.8
WSW	1.2	.8	.1									2.0	3.3
W	.3	.6	.2									1.2	4.6
WNW	.5	.1										.6	2.0
NW	.4	.2										.6	2.5
NNW	1.7	.2										1.9	2.3
VARBL													
CALM												78.3	
	12.7	6.1	2.6	.2	.1							100.0	.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.8									1.5	4.9
NNE	.4	1.2	1.2									2.8	5.8
NE	.1	.1	.2	.1								.5	6.4
ENE	.1	.2	.2									.5	5.2
E	.3											.3	1.3
ESE		.4										.4	5.0
SE	.5	.3	.2	.2								1.3	5.9
SSE	1.4	.6	.1									2.2	3.0
S	1.5	.8										2.3	2.8
SSW	.9	.1	.1									1.1	2.8
SW	.6	.1	.1									.9	2.8
WSW	.5	.4	.2	.1	.1							1.4	6.2
W	1.2	.3	.5	.2	.1							2.4	5.2
WNW													
NW	.5	.3										.9	2.6
NNW	1.1	.3										1.4	2.8
VARBL													
CALM												80.2	
	9.7	5.9	3.3	.6	.2							100.0	.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702690 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.1										1.3	2.1
NNE	3.0	1.2	.8	.1								4.1	4.7
NE	.5	.1	.1									.8	3.1
ENE	.2	.1	.1									.4	3.8
E	.1											.1	1.0
ESE	.1	.3	.1									.5	5.0
SE	1.0	.2	.1	.3								1.6	5.3
SSE	2.4	.2	.4									3.0	3.1
S	1.9	.5	.1		.1							2.7	3.7
SSW	.8	.1										.9	1.9
SW	.2											.2	3.0
WSW	.4	.4	.1	.1								1.1	4.7
W	.4	.1	.8	.1		.1						1.5	7.8
WNW	.2	.2	.1	.2								.8	6.6
NW	.1	.3										.4	3.8
NNW	1.8	.1	.1									2.0	2.3
VARBL													
CALM												78.6	
	13.4	4.1	2.8	.9	.1	.1						100.0	.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.3										1.6	2.4
NNE	1.0	1.2	.8	.2								3.1	5.6
NE	.3	.2	.4									1.0	5.7
ENE	.3											.3	2.3
E	.3											.3	2.3
ESE	.4	.3	.3	.1								1.2	5.3
SE	1.2	.3		.6	.1							2.3	6.4
SSE	1.3	.2	.1									1.6	2.3
S	1.8	1.4	.2	.1								3.6	3.7
SSW	.6											.6	1.8
SW	.2	.2	.1									.5	4.6
WSW	.1	.1	.1									.3	5.3
W	.8	.4	.4	.2								1.8	5.8
WNW	.3	.2										.5	3.4
NW	.5	.2										.8	2.7
NNW	1.7	.6										2.4	2.6
VARBL													
CALM												78.0	
	12.3	5.8	2.5	1.3	.1							100.0	.9

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.8	.1	.1								2.2	3.7
NNE	.5	.6	1.4	.1								2.7	6.8
NE	.4	.5	.3									1.3	5.0
ENE	.2	.1										.3	3.3
E	.4	.2	.1									.8	3.4
ESE	.2	.3	.1	.2								.9	6.1
SE	.6	.4	.5	.3	.2							2.2	7.3
SSE	1.1	.3	.2									1.6	3.3
S	2.6	.5	.2									3.3	2.7
SSW	1.7	.2										1.9	2.3
SW	.4	.5										1.0	3.1
WSW	.6	.3										1.0	3.4
W	.3	.4	.3	.1								1.2	5.5
WNW	.4		.1									.5	3.4
NW	.6	.1										.8	2.0
NNW	1.4	.4										1.8	2.6
VARBL													
CALM												76.6	
	12.9	5.9	3.5	.9	.2							100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.5	.2									2.0	3.5
NNE	1.0	1.1	1.1	.1								3.2	5.6
NE	.4	.3	.1									.9	3.8
ENE													
E	.1	.1										.2	3.5
ESE	.8	.2	.2									1.2	3.5
SE	.8	.5	.3	.5								2.2	6.7
SSE	1.5	.5	.3	.1								2.5	3.8
S	2.3	1.0	.1									3.3	2.9
SSW	.8											.5	1.7
SW	.4	.3	.1									.9	3.8
WSW	.4	.2	.1									.8	4.0
W	.6	.2	.3									1.2	4.4
WNW	.8	.1										.9	2.4
NW	.3	.1										.4	2.3
NNW	1.1	.5	.2									1.8	3.6
VARBL													
CALM												77.8	
	12.5	5.8	3.1	.8								100.0	.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	.1									2.6	3.9
NNE	1.0	1.0	.9	.1								2.9	5.3
NE	.1	.2	.1									.4	4.3
ENE	.3	.1										.4	2.8
E	.2	.2										.4	2.8
ESE	.3	.2	.2									.8	4.6
SE	.6	.2	.2									1.1	4.1
SSE	1.5	.6	.1	.1	.2							2.6	4.8
S	1.9	1.0	.1									3.0	3.2
SSW	.5	.1										.5	2.7
SW	.4	.2										.6	3.0
WSW	.9		.1	.1								1.1	3.7
W	.5	1.1	.2									1.8	4.4
WNW	.2		.1									.3	3.7
NW	.9	.1										1.0	2.3
NNW	1.1	.5	.1									1.7	3.6
VARBL													
CALM												78.5	
	11.8	6.9	2.3	.3	.2							100.0	.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702650 (STATION) CIELSON AFB AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.5	.1	.0								1.7	3.4
NNE	.8	1.1	1.0	.1								3.0	5.6
NE	.3	.2	.2	.0								.8	4.9
ENE	.2	.1	.1									.3	3.6
E	.3	.1	.0									.4	3.0
ESE	.3	.3	.2	.1								.9	4.9
SE	.8	.3	.2	.3	.1							1.6	5.9
SSE	1.6	.4	.2	.0	.0							2.3	3.3
S	2.0	.9	.2	.0	.0							3.2	3.3
SSW	.9	.1	.0									1.0	2.2
SW	.4	.3	.1									.8	3.6
WSW	.6	.3	.1	.0	.0							1.0	4.2
W	.6	.5	.4	.1	.0	.0						1.5	5.4
WNW	.3	.1	.0	.0								.5	3.5
NW	.5	.2										.7	2.6
NNW	1.4	.4	.1									1.9	2.8
VARBL													
CALM												78.4	
	12.1	5.8	2.8	.7	.1	.0						100.0	.9

TOTAL NUMBER OF OBSERVATIONS 7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.7	.5	.1	.0							4.5	4.0
NNE	1.2	1.6	1.0	.2	.0	.0						3.9	5.3
NE	.6	.6	.6	.2	.0							2.1	6.1
ENE	.5	.4	.3	.1	.0							1.2	5.1
E	.6	.5	.4	.1	.0							1.6	5.0
ESE	.7	.6	.5	.1	.0							1.9	5.4
SE	1.1	.7	.6	.3	.1	.0	.0					2.8	6.0
SSE	2.6	1.1	.5	.2	.1	.0	.0					4.3	4.1
S	3.4	1.5	.3	.0	.0							5.3	3.3
SSW	1.5	.8	.2	.0	.0							2.5	3.3
SW	1.2	.8	.3	.0	.0							2.3	3.9
WSW	1.6	1.6	.8	.1	.0							4.0	4.7
W	1.7	2.1	1.5	.3	.0	.0						5.7	5.5
WNW	1.0	1.0	.6	.1	.0							2.8	5.0
NW	1.0	.7	.3	.0	.0							2.0	4.0
NNW	1.7	1.2	.3	.0								3.3	3.7
VARBL													
CALM												49.9	
	22.7	16.8	8.6	1.8	.2	.0	.0					100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 87624

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) ALL (MONTH)

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

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE (CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.7	.1									1.8	3.2
NNE	.5	.5	.2	.0								1.2	4.4
NE	.1	.0	.0	.0								.2	4.4
ENE	.1	.0	.0									.2	2.8
E	.2											.2	2.1
ESE	.3	.1										.5	2.5
SE	.9	.3	.0	.0								1.3	2.8
SSE	2.1	.6	.2	.0								2.8	3.0
S	3.4	1.7	.3	.0								5.4	3.2
SSW	2.3	1.2	.2									3.7	3.2
SW	2.3	1.4	.4	.0								4.1	3.7
WSW	2.9	3.5	1.8	.1	.0							8.4	4.8
W	2.5	4.2	3.3	.5	.0	.0						10.5	5.8
WNW	.8	1.0	.5	.1								2.4	5.2
NW	.5	.3	.0									.9	3.3
NNW	.7	.4	.0									1.2	3.1
VARBL													
CALM												55.2	
	20.8	16.0	7.2	.8	.0	.0						100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 7255

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

D

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.

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	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 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 $\geq$ 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
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72265D (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.4	47.0	48.4	49.5	51.3	51.7	52.5	55.2	55.9	58.0	59.6	59.9	62.7	63.5	64.4	64.4
≥ 20000	40.2	49.1	50.6	51.7	53.5	54.0	54.7	57.4	58.2	60.2	61.8	62.2	64.9	65.8	66.7	66.7
≥ 18000	41.3	51.0	52.5	53.5	55.4	55.8	56.7	59.4	60.1	62.2	63.8	64.1	66.9	67.7	68.6	68.6
≥ 16000	41.9	51.3	52.8	53.9	55.7	56.1	57.0	59.7	60.4	62.5	64.1	64.4	67.2	68.1	68.9	68.9
≥ 14000	42.9	52.2	53.7	54.7	56.6	57.0	57.8	60.5	61.3	63.3	64.9	65.3	68.1	68.9	69.8	69.8
≥ 12000	45.1	54.6	56.1	57.2	59.0	59.5	60.3	63.0	63.8	65.8	67.4	67.7	70.5	71.4	72.3	72.3
≥ 10000	48.3	58.5	60.0	61.1	62.9	63.3	64.2	66.9	67.6	69.7	71.3	71.6	74.4	75.3	76.1	76.1
≥ 9000	50.4	60.8	62.3	63.3	65.3	65.7	66.6	69.2	70.0	72.0	73.7	74.0	76.8	77.6	78.5	78.5
≥ 8000	55.3	66.3	67.8	68.9	71.1	71.5	72.4	75.1	75.8	77.8	79.5	79.8	82.6	83.4	84.3	84.3
≥ 7000	56.9	68.1	69.6	70.6	72.8	73.2	74.1	76.8	77.5	79.6	81.2	81.5	84.3	85.2	86.0	86.0
≥ 6000	57.4	68.6	70.2	71.3	73.4	73.9	74.7	77.4	78.2	80.2	81.8	82.2	84.9	85.8	86.7	86.7
≥ 5000	58.6	70.2	71.8	73.0	75.3	75.9	76.8	79.5	80.2	82.3	83.9	84.2	87.0	87.8	88.7	88.7
≥ 4500	58.7	70.9	72.6	73.8	76.1	76.8	77.6	80.3	81.1	83.1	84.7	85.1	87.8	88.7	89.6	89.6
≥ 4000	58.8	71.3	73.2	74.5	77.0	77.6	78.5	81.2	81.9	84.0	85.5	85.9	88.7	89.6	90.4	90.4
≥ 3500	59.0	71.8	73.8	75.3	78.0	78.6	79.5	82.2	82.9	84.9	86.6	86.9	89.7	90.5	91.4	91.4
≥ 3000	59.2	72.2	74.1	75.8	78.7	79.4	80.2	82.9	83.7	85.7	87.3	87.6	90.4	91.3	92.2	92.2
≥ 2500	59.2	72.7	74.6	76.5	79.5	80.1	81.0	83.7	84.4	86.5	88.1	88.4	91.2	92.0	92.9	92.9
≥ 2000	59.4	73.3	75.5	77.3	80.3	81.0	81.8	84.5	85.3	87.3	88.9	89.2	92.0	92.9	93.8	93.8
≥ 1800	59.4	73.8	76.0	77.8	81.0	81.7	82.6	85.3	86.0	88.1	89.7	90.0	92.8	93.7	94.5	94.5
≥ 1500	59.8	74.5	76.8	78.6	81.7	82.5	83.7	86.3	87.1	89.1	90.8	91.1	93.9	94.7	95.6	95.6
≥ 1200	60.0	74.7	77.1	79.1	82.4	83.1	84.4	87.3	88.1	90.1	91.7	92.0	94.8	95.7	96.6	96.6
≥ 1000	60.0	74.7	77.2	79.8	83.3	84.2	85.8	88.8	89.6	91.6	93.3	93.7	96.5	97.3	98.2	98.2
≥ 900	60.0	74.7	77.2	79.8	83.3	84.2	85.8	88.8	89.6	91.6	93.3	93.7	96.5	97.3	98.2	98.2
≥ 800	60.0	74.7	77.2	79.8	83.3	84.2	85.9	88.9	89.7	91.7	93.4	93.8	96.6	97.4	98.3	98.3
≥ 700	60.2	75.1	77.5	80.1	83.7	84.5	86.2	89.2	90.0	92.0	93.8	94.1	96.9	97.7	98.6	98.6
≥ 600	60.2	75.1	77.5	80.2	83.9	84.7	86.5	89.6	90.3	92.4	94.1	94.4	97.2	98.1	98.9	98.9
≥ 500	60.2	75.2	77.6	80.5	84.3	85.2	86.9	90.0	90.9	92.9	94.7	95.1	97.8	98.7	99.6	99.6
≥ 400	60.2	75.2	77.6	80.5	84.5	85.4	87.1	90.3	91.2	93.2	95.1	95.4	98.2	99.0	99.9	99.9
≥ 300	60.2	75.2	77.6	80.5	84.5	85.4	87.1	90.3	91.2	93.2	95.1	95.4	98.2	99.0	99.9	99.9
≥ 200	60.2	75.2	77.6	80.5	84.5	85.4	87.1	90.4	91.3	93.3	95.2	95.5	98.3	99.1	100.0	100.0
≥ 100	60.2	75.2	77.6	80.5	84.5	85.4	87.1	90.4	91.3	93.3	95.2	95.5	98.3	99.1	100.0	100.0
≥ 0	60.2	75.2	77.6	80.5	84.5	85.4	87.1	90.4	91.3	93.3	95.2	95.5	98.3	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.5	47.3	48.8	49.7	51.5	51.8	52.5	54.4	55.3	56.9	59.6	59.9	62.0	63.1	64.1	64.1
≥ 20000	41.7	49.9	51.4	52.3	54.1	54.4	55.1	57.0	57.8	59.5	62.4	62.7	64.8	65.9	66.9	66.9
≥ 18000	42.9	51.5	53.0	53.9	55.7	56.2	56.9	58.8	59.7	61.3	64.2	64.5	66.7	67.7	68.7	68.7
≥ 16000	42.9	51.7	53.2	54.1	55.9	56.5	57.1	59.0	59.9	61.5	64.4	64.7	66.9	68.0	68.9	68.9
≥ 14000	43.4	52.3	53.8	54.6	56.5	57.0	57.6	59.6	60.4	62.0	64.9	65.3	67.4	68.5	69.5	69.5
≥ 12000	44.6	53.9	55.1	55.9	57.7	58.3	58.9	60.9	61.7	63.3	66.2	66.6	68.7	69.8	70.8	70.8
≥ 10000	47.8	57.3	58.8	59.7	61.5	62.0	62.7	64.6	65.5	67.1	70.0	70.3	72.5	73.5	74.5	74.5
≥ 9000	50.1	59.8	61.3	62.2	64.0	64.5	65.2	67.1	68.0	69.6	72.5	72.8	74.9	76.0	77.0	77.0
≥ 8000	54.9	65.7	67.2	68.1	69.9	70.4	71.1	73.0	73.9	75.5	78.4	78.7	80.9	81.9	82.9	82.9
≥ 7000	56.1	67.1	68.6	69.5	71.4	72.2	72.9	74.8	75.7	77.3	80.2	80.5	82.7	83.8	84.7	84.7
≥ 6000	57.2	68.6	70.1	71.0	73.0	73.9	74.6	76.6	77.4	79.0	81.9	82.3	84.4	85.5	86.5	86.5
≥ 5000	58.1	69.6	71.1	71.9	74.4	75.3	76.0	78.0	78.8	80.4	83.3	83.7	85.8	86.9	87.8	87.8
≥ 4500	58.5	70.1	71.7	72.6	75.2	76.0	76.8	78.9	79.8	81.4	84.3	84.6	86.8	87.8	88.8	88.8
≥ 4000	58.6	70.4	72.3	73.1	75.8	76.7	77.4	79.6	80.4	82.0	84.9	85.3	87.4	88.5	89.5	89.5
≥ 3500	58.8	70.9	72.7	73.7	76.7	77.5	78.3	80.4	81.3	82.9	85.8	86.1	88.3	89.4	90.3	90.3
≥ 3000	59.0	71.6	73.4	74.4	77.5	78.4	79.1	81.3	82.2	83.8	86.7	87.0	89.1	90.2	91.2	91.2
≥ 2500	59.1	72.2	74.0	74.9	78.4	79.2	80.0	82.2	83.0	84.6	87.5	87.8	90.0	91.1	92.0	92.0
≥ 2000	59.1	72.5	74.4	75.5	79.0	80.0	80.8	82.9	83.8	85.4	88.3	88.6	90.8	91.8	92.8	92.8
≥ 1800	59.1	72.7	74.6	75.7	79.4	80.3	81.1	83.2	84.1	85.7	88.6	88.9	91.1	92.2	93.1	93.1
≥ 1500	59.6	73.7	75.6	76.7	80.5	81.6	82.6	84.9	85.8	87.4	90.3	90.6	92.8	93.9	94.8	94.8
≥ 1200	59.7	73.8	75.7	77.1	81.0	82.3	83.3	86.2	87.1	88.7	91.6	91.9	94.1	95.2	96.1	96.1
≥ 1000	59.8	73.9	76.1	77.6	81.7	83.2	84.7	87.6	88.5	90.1	93.0	93.3	95.5	96.6	97.5	97.5
≥ 900	59.8	73.9	76.1	77.7	82.3	83.6	85.3	88.2	89.0	90.6	93.5	93.9	96.0	97.1	98.1	98.1
≥ 800	59.8	73.9	76.1	77.7	82.4	84.0	85.6	88.5	89.4	91.0	93.9	94.2	96.3	97.4	98.4	98.4
≥ 700	59.8	74.1	76.3	78.1	82.7	84.3	86.2	89.1	90.0	91.6	94.5	94.8	97.0	98.1	99.0	99.0
≥ 600	59.8	74.1	76.3	78.1	82.9	84.5	86.5	89.4	90.2	91.8	94.7	95.1	97.2	98.3	99.2	99.2
≥ 500	59.8	74.1	76.5	78.2	83.2	84.9	86.9	89.8	90.6	92.3	95.2	95.5	97.6	98.7	99.7	99.7
≥ 400	59.8	74.1	76.5	78.2	83.4	85.2	87.1	90.0	90.9	92.5	95.4	95.7	97.8	98.9	99.9	99.9
≥ 300	59.8	74.1	76.5	78.2	83.4	85.2	87.1	90.0	90.9	92.5	95.4	95.7	98.0	99.0	100.0	100.0
≥ 200	59.8	74.1	76.5	78.2	83.4	85.2	87.1	90.0	90.9	92.5	95.4	95.7	98.0	99.0	100.0	100.0
≥ 100	59.8	74.1	76.5	78.2	83.4	85.2	87.1	90.0	90.9	92.5	95.4	95.7	98.0	99.0	100.0	100.0
≥ 0	59.8	74.1	76.5	78.2	83.4	85.2	87.1	90.0	90.9	92.5	95.4	95.7	98.0	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	38.2	44.2	46.7	48.4	50.0	50.1	50.9	52.7	53.2	54.4	57.3	57.4	60.0	61.4	61.9	62.2
≥ 20000	39.8	45.9	48.4	50.1	51.7	51.8	52.6	54.4	54.9	56.1	59.2	59.4	61.9	63.3	63.8	64.1
≥ 18000	40.8	47.0	49.5	51.2	52.8	52.9	53.7	55.5	56.0	57.2	60.3	60.4	63.0	64.4	64.8	65.2
≥ 16000	41.3	47.7	50.2	51.9	53.5	53.7	54.4	56.2	56.8	58.0	61.1	61.2	63.8	65.2	65.6	65.9
≥ 14000	41.7	48.2	50.6	52.4	54.0	54.1	54.8	56.7	57.2	58.4	61.5	61.6	64.2	65.6	66.0	66.3
≥ 12000	44.5	51.3	53.8	55.5	57.1	57.2	58.0	59.8	60.3	61.5	64.7	64.8	67.4	68.8	69.2	69.6
≥ 10000	48.4	55.4	57.8	59.6	61.2	61.3	62.0	63.9	64.4	65.6	68.8	68.9	71.5	72.9	73.3	73.7
≥ 9000	49.9	57.1	59.6	61.3	62.9	63.0	63.8	65.6	66.1	67.3	70.5	70.6	73.2	74.6	75.1	75.4
≥ 8000	54.5	62.8	65.3	67.0	68.8	69.1	69.9	71.7	72.3	73.4	76.7	76.8	79.4	80.8	81.2	81.5
≥ 7000	56.2	64.5	67.1	68.9	70.8	71.1	72.2	74.0	74.5	75.7	78.9	79.0	81.6	83.0	83.4	83.8
≥ 6000	57.1	65.4	67.8	69.8	71.7	72.4	73.4	75.3	75.9	77.0	80.2	80.3	82.9	84.3	84.7	85.1
≥ 5000	57.5	66.3	68.9	70.9	73.0	73.7	74.7	76.6	77.1	78.3	81.5	81.6	84.2	85.6	86.0	86.3
≥ 4500	58.3	67.4	70.0	72.0	74.2	74.8	75.9	78.0	78.5	79.7	82.9	83.0	85.6	87.0	87.4	87.7
≥ 4000	58.6	68.1	70.8	73.1	75.4	76.0	77.1	79.1	79.7	80.9	84.1	84.2	86.8	88.2	88.6	88.9
≥ 3500	59.8	68.4	71.1	73.4	75.8	76.5	77.5	79.6	80.1	81.3	84.5	84.6	87.2	88.6	89.0	89.4
≥ 3000	59.8	68.5	71.3	73.8	76.8	77.4	78.6	80.6	81.2	82.4	85.6	85.7	88.3	89.7	90.1	90.4
≥ 2500	59.1	69.5	72.3	74.7	77.8	78.6	79.9	81.9	82.5	83.7	86.9	87.0	89.6	91.0	91.4	91.7
≥ 2000	59.5	70.2	73.0	75.5	78.8	79.6	80.9	82.9	83.4	84.6	87.8	88.0	90.5	91.9	92.4	92.7
≥ 1800	59.5	70.3	73.1	75.6	78.9	79.7	81.0	83.0	83.5	84.7	88.0	88.1	90.6	92.0	92.5	92.8
≥ 1500	59.6	71.2	74.3	77.0	80.6	81.4	82.8	85.1	85.6	86.8	90.0	90.1	92.7	94.1	94.5	94.8
≥ 1200	59.8	71.3	74.4	77.2	81.0	81.9	83.7	85.9	86.5	87.6	90.9	91.0	93.5	94.9	95.4	95.7
≥ 1000	59.9	71.5	74.7	77.6	81.9	83.0	84.7	87.1	87.6	88.8	92.0	92.2	94.7	96.1	96.6	96.9
≥ 900	60.1	71.7	74.9	78.1	82.6	83.7	85.4	87.7	88.3	89.5	92.7	92.8	95.4	96.8	97.2	97.5
≥ 800	60.3	71.9	75.2	78.4	83.1	84.2	85.9	88.3	88.8	90.0	93.2	93.3	96.0	97.4	97.8	98.2
≥ 700	60.3	71.9	75.2	78.4	83.1	84.2	85.9	88.3	88.8	90.0	93.2	93.3	96.0	97.4	97.8	98.2
≥ 600	60.3	71.9	75.2	78.5	83.2	84.3	86.0	88.4	88.9	90.1	93.3	93.4	96.1	97.5	98.0	98.3
≥ 500	60.3	72.4	75.8	79.2	84.3	85.4	87.2	89.6	90.1	91.3	94.5	94.6	97.3	98.8	99.2	99.6
≥ 400	60.3	72.4	75.8	79.2	84.5	85.6	87.4	89.8	90.3	91.5	94.7	94.8	97.6	99.1	99.6	99.9
≥ 300	60.3	72.4	75.8	79.2	84.5	85.6	87.4	89.8	90.3	91.6	94.8	94.9	97.7	99.2	99.7	100.0
≥ 200	60.3	72.4	75.8	79.2	84.5	85.6	87.4	89.8	90.3	91.6	94.8	94.9	97.7	99.2	99.7	100.0
≥ 100	60.3	72.4	75.8	79.2	84.5	85.6	87.4	89.8	90.3	91.6	94.8	94.9	97.7	99.2	99.7	100.0
0	60.3	72.4	75.8	79.2	84.5	85.6	87.4	89.8	90.3	91.6	94.8	94.9	97.7	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72K65C (STATION) EIELSON AFB AK (STATION NAME) 73-62 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.0	38.6	39.1	39.8	41.4	42.0	42.5	43.2	43.3	45.1	47.0	47.6	50.3	52.4	53.8	54.7
≥ 20000	38.7	40.5	41.1	41.9	43.7	44.3	44.7	45.5	45.6	47.3	49.2	49.9	52.6	54.6	56.0	57.0
≥ 18000	40.5	42.6	43.2	44.3	46.1	46.8	47.2	48.0	48.1	49.8	51.7	52.4	55.1	57.1	58.5	59.5
≥ 16000	41.1	43.2	43.9	44.9	46.8	47.4	47.8	48.6	48.7	50.4	52.4	53.1	55.8	58.0	59.5	60.4
≥ 14000	41.6	43.8	44.4	45.5	47.3	48.0	48.4	49.1	49.2	51.0	52.9	53.7	56.3	58.5	60.0	61.0
≥ 12000	45.1	47.4	48.1	49.1	51.0	51.6	52.0	52.8	52.9	54.6	56.8	57.5	60.3	62.5	64.0	64.9
≥ 10000	50.6	53.1	53.8	54.8	56.7	57.3	57.7	58.5	58.6	60.3	62.5	63.2	66.0	68.2	69.7	70.6
≥ 9000	52.2	54.6	55.3	56.3	58.2	58.8	59.2	60.0	60.1	61.8	64.0	64.7	67.5	69.7	71.2	72.2
≥ 8000	57.4	60.1	60.8	61.8	63.9	64.5	64.9	65.7	65.8	67.5	69.7	70.4	73.2	75.4	76.9	77.8
≥ 7000	59.6	62.5	63.1	64.3	66.5	67.1	67.5	68.3	68.5	70.4	72.6	73.3	76.1	78.3	79.8	80.8
≥ 6000	60.4	63.4	64.1	65.5	67.6	68.3	68.8	69.8	70.0	72.0	74.4	75.2	78.0	80.1	81.6	82.6
≥ 5000	62.0	65.4	66.0	67.4	69.6	70.2	70.9	71.8	72.2	74.2	76.7	77.4	80.2	82.4	83.9	84.8
≥ 4500	63.0	66.3	67.1	68.6	71.2	71.9	72.8	73.8	74.1	76.1	78.6	79.4	82.2	84.3	85.8	86.8
≥ 4000	63.1	66.8	67.6	69.5	72.0	72.6	73.7	74.6	75.1	77.3	80.0	80.8	83.5	85.7	87.2	88.2
≥ 3500	63.5	67.5	68.4	70.3	72.9	73.7	74.5	75.5	75.9	78.2	80.9	81.6	84.4	86.6	88.1	89.0
≥ 3000	63.9	68.5	69.5	71.8	74.7	75.5	76.5	77.4	77.8	80.1	82.8	83.5	86.3	88.5	90.0	91.0
≥ 2500	63.9	68.6	69.7	72.3	75.5	76.2	77.2	78.2	78.6	80.9	83.5	84.3	87.1	89.2	90.8	91.7
≥ 2000	64.1	69.0	70.2	72.8	76.3	77.2	78.3	79.5	79.9	82.3	85.1	85.8	88.6	90.8	92.3	93.2
≥ 1800	64.3	69.5	70.6	73.2	76.8	77.6	78.7	80.0	80.4	82.9	85.7	86.5	89.2	91.4	92.9	93.9
≥ 1500	64.9	70.3	71.7	74.4	78.2	79.0	80.2	81.6	82.0	84.5	87.3	88.1	90.9	93.0	94.5	95.5
≥ 1200	65.1	70.5	72.0	74.7	78.5	79.4	80.5	82.0	82.5	84.9	87.7	88.5	91.3	93.4	94.9	95.9
≥ 1000	65.3	71.0	72.6	75.3	79.4	80.2	81.4	82.9	83.4	86.1	89.0	89.8	92.7	94.8	96.3	97.3
≥ 900	65.4	71.2	72.8	75.5	79.6	80.4	81.6	83.1	83.7	86.3	89.2	90.0	92.9	95.1	96.6	97.5
≥ 800	65.4	71.2	72.8	75.5	79.6	80.4	81.6	83.1	83.7	86.3	89.4	90.1	93.0	95.2	96.7	97.6
≥ 700	65.4	71.2	72.8	75.5	79.7	80.5	81.9	83.4	84.0	86.7	89.8	90.6	93.5	95.7	97.2	98.2
≥ 600	65.4	71.2	72.8	75.5	79.8	80.6	82.0	83.5	84.1	86.8	90.0	90.9	93.8	95.9	97.4	98.4
≥ 500	65.7	71.5	73.1	75.8	80.1	81.0	82.4	83.9	84.4	87.1	90.3	91.2	94.1	96.2	97.8	98.8
≥ 400	65.7	71.6	73.2	75.9	80.5	81.4	82.8	84.3	84.8	87.5	90.8	91.6	94.5	96.7	98.4	99.4
≥ 300	65.7	71.6	73.2	75.9	80.5	81.4	82.8	84.3	84.8	87.5	90.8	91.6	94.5	96.7	98.4	99.4
≥ 200	65.7	71.6	73.2	75.9	80.5	81.4	82.8	84.3	84.9	87.6	90.9	91.7	94.8	97.0	98.7	99.8
≥ 100	65.7	71.6	73.2	75.9	80.5	81.4	82.8	84.3	84.9	87.6	90.9	91.7	94.8	97.0	98.9	100.0
≥ 0	65.7	71.6	73.2	75.9	80.5	81.4	82.8	84.3	84.9	87.6	90.9	91.7	94.8	97.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	39.2	41.8	43.1	44.1	44.7	45.3	45.6	46.3	46.6	46.9	48.4	48.6	51.1	52.2	53.7	55.3
≥ 20000	41.9	44.5	45.8	46.8	47.5	48.1	48.6	49.4	49.6	50.1	51.7	51.9	54.4	55.5	57.1	58.7
≥ 18000	44.3	47.1	48.4	49.4	50.1	50.6	51.2	52.0	52.3	52.8	54.4	54.6	57.1	58.3	59.9	61.5
≥ 16000	44.6	47.4	48.7	49.7	50.4	51.0	51.5	52.4	52.6	53.1	54.7	54.9	57.4	58.7	60.3	61.9
≥ 14000	45.9	48.7	50.0	51.0	51.7	52.3	52.8	53.7	53.9	54.4	56.0	56.2	58.7	60.0	61.6	63.2
≥ 12000	49.6	52.6	53.9	54.8	55.6	56.1	56.8	57.6	57.8	58.5	60.4	60.6	63.1	64.4	66.0	67.6
≥ 10000	53.9	57.0	58.3	59.2	60.0	60.6	61.3	62.2	62.4	63.0	64.9	65.2	67.6	68.9	70.5	72.2
≥ 9000	54.5	57.7	59.0	60.0	60.8	61.4	62.0	62.9	63.1	63.8	65.7	65.9	68.4	69.7	71.3	72.9
≥ 8000	60.2	64.0	65.3	66.2	67.0	67.6	68.3	69.1	69.4	70.0	71.9	72.2	74.6	75.9	77.5	79.1
≥ 7000	63.4	67.3	68.7	69.8	70.6	71.4	72.0	72.9	73.1	73.8	75.7	75.9	78.4	79.7	81.4	83.0
≥ 6000	64.3	68.2	69.6	70.8	71.7	72.5	73.2	74.1	74.4	75.1	77.0	77.2	79.7	81.0	82.7	84.3
≥ 5000	65.6	69.5	71.0	72.7	73.8	74.5	75.4	76.2	76.7	77.4	79.4	79.6	82.2	83.4	85.3	86.9
≥ 4500	66.3	70.3	72.0	73.8	75.1	75.8	76.7	77.6	78.1	78.8	80.8	81.0	83.5	84.8	86.7	88.3
≥ 4000	66.8	70.8	72.5	74.5	75.8	76.6	77.4	78.4	79.0	79.8	81.8	82.0	84.6	85.9	87.7	89.4
≥ 3500	66.9	70.9	72.6	74.6	76.1	76.9	77.7	78.7	79.4	80.2	82.4	82.6	85.2	86.5	88.3	89.9
≥ 3000	66.9	71.8	73.5	75.7	77.5	78.3	79.4	80.4	81.2	82.2	84.3	84.5	87.1	88.4	90.2	91.8
≥ 2500	67.1	72.3	74.1	76.3	78.4	79.2	80.4	81.5	82.3	83.2	85.4	85.6	88.2	89.5	91.3	92.9
≥ 2000	67.2	72.5	74.2	76.6	78.6	79.5	80.8	81.9	82.9	84.0	86.1	86.3	88.9	90.2	92.0	93.7
≥ 1800	67.2	72.6	74.3	76.8	78.8	79.7	81.1	82.3	83.2	84.3	86.5	86.7	89.2	90.5	92.4	94.0
≥ 1500	67.4	73.0	74.8	77.4	79.6	80.4	81.9	83.1	84.1	85.4	87.6	87.8	90.4	91.7	93.5	95.2
≥ 1200	67.5	73.3	75.3	78.0	80.2	81.1	82.6	83.8	84.7	86.0	88.3	88.5	91.1	92.4	94.2	95.8
≥ 1000	67.5	73.5	75.5	78.3	80.6	81.5	83.1	84.5	85.5	86.9	89.2	89.5	92.0	93.3	95.2	96.8
≥ 900	67.5	73.8	75.7	78.5	80.9	81.7	83.3	84.7	85.8	87.2	89.6	89.8	92.4	93.7	95.5	97.1
≥ 800	67.5	73.8	75.7	78.5	81.1	81.9	83.5	84.9	86.0	87.4	90.1	90.3	92.9	94.2	96.0	97.6
≥ 700	67.5	73.8	75.7	78.5	81.2	82.0	83.7	85.1	86.2	87.6	90.4	90.6	93.4	94.7	96.6	98.2
≥ 600	67.5	73.8	75.7	78.5	81.3	82.2	83.8	85.2	86.5	87.8	90.8	91.0	93.8	95.1	96.9	98.5
≥ 500	67.5	73.8	75.7	78.7	81.5	82.5	84.3	85.7	87.1	88.5	91.5	91.7	94.6	96.0	97.8	99.5
≥ 400	67.5	73.8	75.7	78.7	81.6	82.6	84.4	85.8	87.2	88.6	91.6	91.8	94.8	96.2	98.1	99.7
≥ 300	67.5	73.8	75.7	78.7	81.6	82.6	84.4	85.8	87.2	88.6	91.6	91.8	94.8	96.2	98.1	99.7
≥ 200	67.5	73.8	75.7	78.7	81.6	82.6	84.4	85.8	87.2	88.6	91.6	91.8	94.8	96.2	98.1	99.7
≥ 100	67.5	73.8	75.7	78.7	81.6	82.6	84.4	85.8	87.2	88.6	91.6	91.8	94.8	96.2	98.3	100.0
≥ 0	67.5	73.8	75.7	78.7	81.6	82.6	84.4	85.8	87.2	88.6	91.6	91.8	94.8	96.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 265C (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

1500-1700 (HOUR)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	37.6	41.1	41.6	42.4	44.1	44.1	44.2	45.4	45.5	45.8	47.4	47.7	49.6	50.8	51.8	53.4
≥ 20000	40.3	44.3	44.9	45.7	47.5	47.6	47.7	48.9	49.0	49.4	51.0	51.3	53.1	54.3	55.6	57.2
≥ 18000	43.3	47.0	47.8	48.7	50.5	50.6	50.8	51.9	52.0	52.4	54.0	54.3	56.1	57.3	58.6	60.2
≥ 16000	44.3	48.0	48.8	49.7	51.5	51.6	51.7	52.9	53.0	53.3	54.9	55.3	57.1	58.3	59.6	61.2
≥ 14000	45.1	48.7	49.6	50.4	52.3	52.4	52.5	53.7	53.8	54.1	55.7	56.0	57.8	59.0	60.3	61.9
≥ 12000	47.3	51.1	51.9	52.8	54.8	54.9	55.1	56.2	56.5	56.8	58.4	58.7	60.5	61.7	63.0	64.6
≥ 10000	52.0	56.0	57.0	58.0	60.1	60.2	60.3	61.5	61.7	62.3	63.9	64.2	66.0	67.2	68.5	70.1
≥ 9000	53.8	58.0	58.9	59.9	62.2	62.3	62.4	63.5	63.8	64.3	65.9	66.2	68.1	69.2	70.5	72.2
≥ 8000	58.7	63.1	64.1	65.2	67.4	67.5	67.6	68.8	69.0	69.6	71.2	71.5	73.3	74.5	75.8	77.4
≥ 7000	62.8	67.2	68.2	69.4	71.8	71.9	72.0	73.3	73.8	74.3	75.9	76.2	78.2	79.4	80.6	82.3
≥ 6000	63.4	67.8	68.9	70.1	72.6	72.7	72.8	74.3	74.7	75.3	76.9	77.2	79.1	80.3	81.6	83.2
≥ 5000	64.9	69.2	70.5	72.0	74.5	74.6	74.7	76.2	76.7	77.3	79.0	79.4	81.4	82.6	84.0	85.6
≥ 4500	65.2	70.0	71.4	73.1	75.8	75.9	76.1	77.6	78.1	78.7	80.4	80.8	82.8	84.0	85.4	87.0
≥ 4000	66.0	71.0	72.5	74.6	77.3	77.4	77.8	79.4	79.8	80.4	82.2	82.5	84.8	86.0	87.4	89.0
≥ 3500	66.1	71.0	72.5	74.6	77.7	78.1	78.5	80.1	80.5	81.2	82.9	83.2	85.6	86.8	88.2	89.8
≥ 3000	66.2	71.8	73.4	75.8	79.0	79.4	80.0	81.8	82.3	82.9	84.6	84.9	87.3	88.5	89.9	91.5
≥ 2500	66.2	71.8	73.5	75.9	79.4	79.7	80.5	82.4	82.8	83.4	85.2	85.5	87.8	89.0	90.4	92.0
≥ 2000	67.0	72.6	74.3	76.7	80.1	80.4	81.4	83.8	84.2	84.8	86.6	86.9	89.2	90.4	91.8	93.4
≥ 1800	67.0	72.7	74.4	77.1	80.6	81.1	82.0	84.5	84.9	85.6	87.3	87.6	90.0	91.2	92.6	94.2
≥ 1500	67.0	72.7	74.5	77.2	81.3	82.0	83.3	85.9	86.3	87.0	88.9	89.2	91.6	92.8	94.2	95.8
≥ 1200	67.0	73.0	74.8	77.6	81.9	82.7	84.3	86.9	87.3	88.0	89.9	90.2	92.6	93.8	95.2	96.8
≥ 1000	67.2	73.2	75.1	77.8	82.2	82.9	84.6	87.3	87.7	88.6	90.8	91.2	93.5	94.7	96.1	97.7
≥ 900	67.2	73.2	75.1	77.8	82.3	83.0	84.7	87.4	87.8	88.7	90.9	91.3	93.7	94.9	96.2	97.8
≥ 800	67.2	73.2	75.1	77.8	82.3	83.0	84.8	87.6	88.1	88.9	91.2	91.6	94.0	95.2	96.6	98.2
≥ 700	67.2	73.2	75.1	77.8	82.3	83.0	84.8	87.7	88.2	89.0	91.4	91.8	94.2	95.4	96.8	98.4
≥ 600	67.2	73.2	75.1	77.8	82.3	83.0	84.8	87.7	88.2	89.1	91.5	91.9	94.3	95.5	96.9	98.5
≥ 500	67.2	73.2	75.1	78.0	82.4	83.1	85.1	88.1	88.6	89.6	91.9	92.4	94.7	95.9	97.3	98.9
≥ 400	67.4	73.4	75.3	78.2	82.8	83.5	85.5	88.6	89.1	90.1	92.5	92.9	95.3	96.5	97.8	99.5
≥ 300	67.4	73.4	75.3	78.2	82.8	83.5	85.5	88.7	89.2	90.2	92.6	93.0	95.4	96.6	98.1	99.7
≥ 200	67.4	73.4	75.3	78.2	82.8	83.5	85.5	88.7	89.2	90.2	92.6	93.0	95.4	96.6	98.1	99.7
≥ 100	67.4	73.4	75.3	78.2	82.8	83.5	85.5	88.7	89.2	90.2	92.6	93.0	95.4	96.6	98.3	100.0
≥ 0	67.4	73.4	75.3	78.2	82.8	83.5	85.5	88.7	89.2	90.2	92.6	93.0	95.4	96.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	36.3	43.8	45.2	46.0	47.6	48.2	48.8	50.1	51.4	52.5	54.3	54.5	55.5	56.2	57.3	58.4
≥ 20000	38.1	45.7	47.1	48.1	49.9	50.4	51.1	52.4	53.7	54.7	56.6	56.8	57.7	58.5	59.8	60.9
≥ 18000	40.5	48.4	49.8	50.8	52.6	53.1	53.8	55.1	56.3	57.4	59.2	59.5	60.4	61.2	62.5	63.5
≥ 16000	41.3	49.1	50.5	51.5	53.3	53.9	54.5	55.8	57.1	58.2	60.0	60.2	61.2	61.9	63.2	64.3
≥ 14000	41.6	49.5	50.9	51.8	53.7	54.2	54.8	56.1	57.4	58.5	60.3	60.5	61.5	62.3	63.5	64.6
≥ 12000	43.7	51.8	53.2	54.2	56.0	56.6	57.2	58.5	59.8	60.9	62.7	62.9	63.9	64.6	65.9	67.0
≥ 10000	48.8	57.3	58.8	59.8	61.7	62.3	62.9	64.2	65.5	66.6	68.4	68.6	69.6	70.3	71.6	72.7
≥ 9000	50.0	58.6	60.1	61.1	63.0	63.5	64.2	65.5	66.8	67.8	69.7	69.9	70.9	71.6	72.9	74.0
≥ 8000	54.3	63.4	64.9	65.9	68.0	68.5	69.1	70.4	71.7	72.8	74.6	74.8	75.8	76.6	77.8	78.9
≥ 7000	56.9	66.3	68.1	69.1	71.6	72.2	72.8	74.2	75.5	76.7	78.5	78.7	79.7	80.4	81.7	82.8
≥ 6000	57.5	67.3	69.1	70.2	72.7	73.2	73.9	75.6	76.9	78.1	79.9	80.1	81.1	81.8	83.1	84.2
≥ 5000	58.5	68.3	70.3	71.4	73.9	74.4	75.1	76.9	78.2	79.4	81.2	81.4	82.4	83.1	84.4	85.5
≥ 4500	58.6	69.4	71.5	72.6	75.2	75.7	76.3	78.2	79.5	80.6	82.5	82.7	83.7	84.4	85.7	86.8
≥ 4000	59.1	70.1	72.9	74.1	76.8	77.3	78.3	79.8	81.1	82.3	84.1	84.3	85.5	86.2	87.5	88.6
≥ 3500	60.0	71.1	74.0	75.3	78.0	78.6	79.2	81.2	82.5	83.7	85.5	85.7	86.9	87.6	88.9	90.0
≥ 3000	60.2	71.6	74.5	76.0	78.8	79.5	80.2	82.3	83.5	84.7	86.6	86.8	88.0	88.7	90.0	91.1
≥ 2500	60.4	72.0	74.9	76.5	79.4	80.1	80.9	82.9	84.2	85.4	87.2	87.4	88.6	89.4	90.6	91.7
≥ 2000	61.1	73.3	76.3	77.8	81.0	81.7	83.1	85.3	86.6	87.7	89.6	89.8	91.0	91.7	93.0	94.1
≥ 1800	61.1	73.4	76.5	78.0	81.2	81.9	83.3	85.6	86.9	88.1	89.9	90.1	91.3	92.0	93.3	94.4
≥ 1500	61.2	73.8	77.1	79.0	82.5	83.2	85.1	87.3	88.6	89.8	91.7	91.9	93.1	93.9	95.2	96.2
≥ 1200	61.5	74.1	77.4	79.5	83.1	83.9	85.9	88.4	89.7	90.9	92.8	93.0	94.2	94.9	96.2	97.3
≥ 1000	61.8	74.5	77.8	79.9	84.1	84.8	87.1	89.6	90.9	92.2	94.2	94.4	95.6	96.3	97.7	98.9
≥ 900	61.8	74.5	77.8	79.9	84.1	84.8	87.1	89.6	90.9	92.2	94.2	94.4	95.6	96.3	97.7	98.9
≥ 800	61.8	74.5	77.8	79.9	84.1	84.8	87.1	89.6	90.9	92.2	94.2	94.4	95.6	96.3	97.7	98.9
≥ 700	61.8	74.5	77.8	79.9	84.1	84.8	87.1	89.6	90.9	92.2	94.2	94.4	95.6	96.3	97.7	98.9
≥ 600	61.8	74.5	77.8	79.9	84.1	84.8	87.1	89.6	90.9	92.2	94.2	94.4	95.6	96.3	97.7	98.9
≥ 500	61.8	74.5	77.8	79.9	84.1	84.8	87.1	89.6	90.9	92.2	94.2	94.4	95.6	96.3	97.7	98.9
≥ 400	61.8	74.5	77.8	80.0	84.3	85.1	87.4	89.9	91.2	92.5	94.5	94.7	95.9	96.7	98.1	99.2
≥ 300	61.8	74.5	77.8	80.0	84.3	85.1	87.5	90.2	91.6	93.0	95.2	95.4	96.6	97.3	98.8	100.0
≥ 200	61.8	74.5	77.8	80.0	84.3	85.1	87.5	90.2	91.6	93.0	95.2	95.4	96.6	97.3	98.8	100.0
≥ 100	61.8	74.5	77.8	80.0	84.3	85.1	87.5	90.2	91.6	93.0	95.2	95.4	96.6	97.3	98.8	100.0
≥ 0	61.8	74.5	77.8	80.0	84.3	85.1	87.5	90.2	91.6	93.0	95.2	95.4	96.6	97.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥0
NO CEILING	37.2	45.2	47.4	48.4	50.8	51.3	51.5	53.9	55.4	55.9	58.8	59.1	60.8	61.6	62.4	62.6
≥ 20000	38.5	46.9	49.2	50.2	52.6	53.1	53.3	55.7	57.2	57.7	60.6	61.0	62.6	63.4	64.2	64.4
≥ 18000	40.6	49.2	51.6	52.6	54.9	55.5	55.7	58.1	59.6	60.1	63.0	63.4	65.1	65.9	66.7	66.9
≥ 16000	40.9	49.5	51.8	52.9	55.2	55.7	55.9	58.3	59.8	60.3	63.2	63.7	65.3	66.1	66.9	67.1
≥ 14000	41.4	50.0	52.4	53.3	55.7	56.2	56.5	58.8	60.3	60.9	63.8	64.2	65.8	66.7	67.4	67.6
≥ 12000	43.2	51.9	54.3	55.3	57.7	58.3	58.5	60.9	62.4	62.9	65.8	66.2	67.8	68.7	69.5	69.7
≥ 10000	47.3	56.5	58.8	59.8	62.3	62.8	63.0	65.4	66.9	67.4	70.3	70.8	72.4	73.2	74.0	74.2
≥ 9000	49.1	58.4	60.8	61.7	64.2	64.7	64.9	67.3	68.8	69.4	72.3	72.7	74.3	75.2	75.9	76.1
≥ 8000	54.3	63.8	66.1	67.1	69.9	70.4	70.6	73.0	74.5	75.1	78.0	78.4	80.0	80.9	81.6	81.8
≥ 7000	56.3	65.8	68.3	69.2	72.5	73.1	73.2	75.6	77.1	77.6	80.5	81.0	82.6	83.4	84.2	84.4
≥ 6000	57.3	66.9	69.4	70.4	73.7	74.2	74.4	76.8	78.3	78.8	81.7	82.2	83.8	84.6	85.4	85.6
≥ 5000	59.6	69.4	71.8	72.9	76.1	76.7	76.9	79.2	80.8	81.3	84.2	84.6	86.2	87.1	87.8	88.1
≥ 4500	59.7	70.3	72.8	73.9	77.4	78.0	78.3	80.6	82.2	82.7	85.6	86.3	87.6	88.5	89.2	89.5
≥ 4000	60.0	70.6	73.8	74.8	78.4	78.9	79.2	81.6	83.1	83.7	86.6	87.3	88.6	89.5	90.2	90.4
≥ 3500	60.4	71.1	74.4	75.5	79.1	79.7	80.0	82.4	83.9	84.4	87.3	87.7	89.4	90.2	91.0	91.2
≥ 3000	60.6	71.3	74.7	75.8	80.1	80.6	81.1	83.4	84.9	85.5	88.4	88.8	90.5	91.4	92.2	92.4
≥ 2500	60.9	71.5	74.9	76.0	80.4	81.0	81.4	83.8	85.3	85.8	88.7	89.1	90.9	91.7	92.5	92.7
≥ 2000	61.1	72.6	76.3	77.5	82.0	82.6	83.3	85.8	87.3	87.8	90.8	91.2	92.9	93.8	94.5	94.7
≥ 1800	61.1	72.9	76.7	77.8	82.4	82.9	83.7	86.1	87.6	88.2	91.1	91.5	93.2	94.1	94.8	95.1
≥ 1600	61.3	73.2	77.5	78.7	83.2	83.8	84.7	87.2	88.7	89.2	92.2	92.6	94.3	95.2	95.9	96.1
≥ 1400	61.5	73.5	77.8	79.1	83.7	84.2	85.2	87.6	89.2	89.9	92.9	93.3	95.1	95.9	96.7	96.9
≥ 1200	61.6	73.7	78.1	79.2	84.0	84.5	86.1	89.0	90.6	91.3	94.3	94.7	96.5	97.3	98.1	98.3
≥ 1000	61.7	73.8	78.1	79.4	84.1	84.6	86.3	89.2	90.9	91.5	94.6	95.1	96.8	97.6	98.4	98.6
≥ 900	61.7	73.8	78.1	79.4	84.1	84.6	86.3	89.2	90.9	91.5	94.6	95.1	96.8	97.6	98.4	98.6
≥ 800	61.7	73.8	78.1	79.4	84.1	84.6	86.3	89.5	91.1	91.7	94.8	95.3	97.0	97.8	98.6	98.8
≥ 700	61.7	73.8	78.1	79.4	84.1	84.6	86.3	89.5	91.1	91.7	94.8	95.3	97.0	97.8	98.6	98.8
≥ 600	61.7	73.8	78.1	79.4	84.1	84.6	86.3	89.6	91.2	91.8	94.9	95.4	97.1	98.0	98.7	98.9
≥ 400	61.7	73.8	78.1	79.4	84.1	84.6	86.3	89.6	91.2	91.8	94.9	95.4	97.1	98.0	98.7	98.9
≥ 300	61.7	73.8	78.1	79.4	84.1	84.6	86.3	89.9	91.5	92.4	95.5	95.9	97.7	98.6	99.6	99.8
≥ 200	61.7	73.8	78.1	79.4	84.1	84.6	86.3	89.9	91.5	92.4	95.6	96.0	97.8	98.7	99.7	99.9
	61.7	73.8	78.1	79.4	84.1	84.6	86.3	89.9	91.5	92.4	95.6	96.0	97.8	98.7	99.7	99.9
	61.9	73.9	78.2	79.5	84.2	84.7	86.5	90.0	91.6	92.5	95.7	96.1	99.0	98.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	37.9	43.6	45.0	46.0	47.7	48.1	48.5	50.1	50.8	51.9	54.0	54.4	56.5	57.6	58.7	59.4
≥ 20000	40.0	45.9	47.3	48.3	50.1	50.5	51.0	52.6	53.3	54.4	56.6	56.9	59.0	60.2	61.3	62.0
≥ 18000	41.9	46.3	49.5	50.5	52.3	52.7	53.2	54.8	55.5	56.6	58.8	59.2	61.3	62.5	63.5	64.3
≥ 16000	42.3	48.5	50.0	51.1	52.8	53.2	53.8	55.4	56.0	57.2	59.4	59.7	61.8	63.0	64.1	64.8
≥ 14000	42.9	49.2	50.7	51.7	53.5	53.9	54.4	56.0	56.7	57.8	60.0	60.3	62.5	63.7	64.8	65.5
≥ 12000	45.4	51.8	53.3	54.4	56.1	56.6	57.1	58.7	59.4	60.5	62.8	63.1	65.3	66.5	67.6	68.3
≥ 10000	49.7	56.4	57.9	59.0	60.8	61.2	61.8	63.4	64.1	65.2	67.5	67.8	70.0	71.2	72.3	73.0
≥ 9000	51.3	58.1	59.7	60.7	62.6	63.0	63.5	65.1	65.8	67.0	69.3	69.6	71.8	73.0	74.0	74.8
≥ 8000	56.2	63.7	65.2	66.3	68.2	68.7	69.2	70.9	71.5	72.7	75.0	75.3	77.5	78.7	79.8	80.5
≥ 7000	58.5	66.1	67.7	68.9	71.0	71.5	72.1	73.7	74.5	75.7	77.9	78.3	80.4	81.6	82.7	83.5
≥ 6000	59.3	67.0	68.7	69.9	72.1	72.6	73.2	75.0	75.7	76.9	79.2	79.6	81.7	82.9	84.0	84.8
≥ 5000	60.6	68.5	70.2	71.5	73.8	74.4	75.1	76.8	77.6	78.8	81.1	81.5	83.7	84.9	86.0	86.7
≥ 4500	61.0	69.3	71.1	72.5	75.0	75.6	76.3	78.1	78.9	80.1	82.5	82.8	85.0	86.2	87.3	88.1
≥ 4000	61.4	69.9	71.9	73.5	76.1	76.7	77.4	79.2	80.0	81.3	83.7	84.0	86.3	87.4	88.6	89.3
≥ 3500	61.7	70.3	72.4	74.1	76.8	77.4	78.2	80.0	80.8	82.1	84.5	84.8	87.1	88.3	89.4	90.1
≥ 3000	61.9	70.9	73.1	74.9	77.9	78.5	79.4	81.3	82.1	83.4	85.8	86.1	88.4	89.6	90.7	91.4
≥ 2500	62.0	71.3	73.5	75.4	78.6	79.3	80.2	82.1	82.9	84.2	86.6	86.9	89.2	90.4	91.5	92.2
≥ 2000	62.3	72.3	74.3	76.2	79.5	80.2	81.3	83.3	84.2	85.5	87.9	88.2	90.5	91.7	92.8	93.5
≥ 1800	62.3	72.2	74.5	76.5	79.9	80.6	81.7	83.8	84.6	85.9	88.3	88.7	90.9	92.1	93.3	94.0
≥ 1500	62.6	72.8	75.3	77.4	81.0	81.7	83.0	85.2	86.0	87.4	89.9	90.2	92.5	93.7	94.8	95.5
≥ 1200	62.8	73.0	75.6	77.8	81.5	82.3	83.7	86.0	86.9	88.3	90.7	91.1	93.3	94.5	95.7	96.4
≥ 1000	62.9	73.3	75.9	78.2	82.2	83.1	84.7	87.1	88.0	89.4	92.0	92.3	94.6	95.8	97.0	97.7
≥ 900	62.9	73.3	76.0	78.3	82.4	83.3	84.9	87.4	88.2	89.7	92.3	92.6	94.9	96.1	97.2	98.0
≥ 800	63.0	73.4	76.0	78.4	82.5	83.4	85.1	87.5	88.4	89.9	92.5	92.8	95.1	96.3	97.5	98.2
≥ 700	63.0	73.4	76.1	78.5	82.6	83.5	85.3	87.7	88.6	90.1	92.8	93.1	95.5	96.7	97.8	98.5
≥ 600	63.0	73.4	76.1	78.5	82.7	83.6	85.4	87.8	88.8	90.2	92.9	93.3	95.6	96.8	98.0	98.7
≥ 500	63.0	73.5	76.2	78.7	83.0	83.9	85.8	88.3	89.2	90.7	93.4	93.8	96.1	97.3	98.5	99.2
≥ 400	63.1	73.6	76.3	78.8	83.2	84.2	86.0	88.5	89.5	91.0	93.7	94.0	96.4	97.6	98.8	99.5
≥ 300	63.1	73.6	76.3	78.8	83.2	84.2	86.0	88.6	89.6	91.1	93.9	94.2	96.6	97.8	99.1	99.8
≥ 200	63.1	73.6	76.3	78.8	83.2	84.2	86.0	88.6	89.6	91.2	93.9	94.3	96.7	97.9	99.1	99.9
≥ 100	63.1	73.6	76.3	78.8	83.2	84.2	86.0	88.6	89.6	91.2	93.9	94.3	96.7	97.9	99.2	100.0
0	63.1	73.6	76.3	78.8	83.2	84.2	86.0	88.7	89.6	91.2	93.9	94.3	96.7	97.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7442

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.9	56.9	58.6	59.9	61.8	61.9	63.1	64.2	64.4	65.1	66.2	66.5	67.3	67.3	67.3	67.3
≥ 20000	46.7	57.7	59.5	60.8	62.6	62.8	63.9	65.0	65.2	66.0	67.0	67.4	68.1	68.1	68.1	68.1
≥ 18000	47.5	58.7	60.5	61.8	63.7	63.8	65.0	66.1	66.3	67.0	68.1	68.4	69.1	69.1	69.1	69.1
≥ 16000	47.8	59.1	60.9	62.2	64.1	64.2	65.4	66.4	66.7	67.4	68.4	68.8	69.5	69.5	69.5	69.5
≥ 14000	48.1	59.5	61.2	62.5	64.4	64.5	65.7	66.8	67.0	67.7	68.8	69.1	69.9	69.9	69.9	69.9
≥ 12000	50.1	61.5	63.2	64.5	66.4	66.5	67.7	68.8	69.0	69.7	70.8	71.2	71.9	71.9	71.9	71.9
≥ 10000	53.3	65.5	67.3	68.6	70.4	70.6	71.7	72.8	73.0	73.8	74.8	75.2	75.9	75.9	75.9	75.9
≥ 9000	54.7	66.9	68.7	70.0	71.9	72.0	73.2	74.2	74.5	75.2	76.2	76.6	77.3	77.3	77.3	77.3
≥ 8000	56.5	69.1	70.9	72.2	74.5	74.6	75.8	76.8	77.1	77.9	79.0	79.3	80.0	80.0	80.0	80.0
≥ 7000	59.3	72.3	74.5	75.8	78.0	78.1	79.3	80.4	80.6	81.4	82.5	82.9	83.6	83.6	83.6	83.6
≥ 6000	59.6	72.7	74.8	76.1	78.4	78.5	79.7	80.7	81.0	81.8	82.9	83.2	83.9	83.9	83.9	83.9
≥ 5000	61.9	75.5	77.8	79.1	81.3	81.4	82.6	83.7	83.9	84.8	85.8	86.2	86.9	86.9	86.9	86.9
≥ 4500	63.0	77.2	79.4	80.7	83.0	83.1	84.3	85.3	85.6	86.4	87.5	87.8	88.5	88.5	88.5	88.5
≥ 4000	63.3	77.4	79.7	81.1	83.3	83.5	84.6	85.7	85.9	86.8	87.8	88.2	88.9	88.9	88.9	88.9
≥ 3500	63.2	77.7	79.9	81.4	83.7	83.8	85.0	86.1	86.3	87.1	88.2	88.5	89.2	89.2	89.2	89.2
≥ 3000	64.5	79.6	82.0	83.6	86.1	86.2	87.4	88.4	88.7	89.5	90.5	90.9	91.6	91.6	91.6	91.6
≥ 2500	65.2	80.7	83.2	84.9	87.4	87.5	88.7	89.7	90.0	90.8	91.8	92.2	92.9	92.9	92.9	92.9
≥ 2000	65.6	81.4	83.9	85.6	88.1	88.2	89.4	90.4	90.7	91.5	92.6	92.9	93.6	93.6	93.6	93.6
≥ 1800	66.0	81.8	84.3	85.9	88.4	88.5	89.7	90.8	91.0	91.8	92.9	93.3	94.0	94.0	94.0	94.0
≥ 1500	66.0	81.8	84.4	86.4	89.4	89.5	91.1	92.2	92.4	93.4	94.4	94.8	95.5	95.5	95.5	95.5
≥ 1200	66.0	82.0	84.6	86.8	89.7	90.0	91.6	92.7	92.9	93.9	94.9	95.3	96.0	96.0	96.0	96.0
≥ 1000	66.0	82.6	85.2	87.5	91.5	91.7	93.4	94.4	94.8	96.0	97.0	97.4	98.1	98.1	98.1	98.1
≥ 900	66.0	82.6	85.2	87.5	91.5	91.7	93.4	94.4	94.8	96.0	97.0	97.4	98.1	98.1	98.1	98.1
≥ 800	66.0	82.6	85.2	87.5	91.5	91.7	93.4	94.7	95.0	96.3	97.5	97.9	98.6	98.6	98.6	98.6
≥ 700	66.0	82.7	85.3	87.6	91.6	91.8	93.5	94.8	95.2	96.5	97.6	98.0	98.7	98.7	98.7	98.7
≥ 600	66.0	82.7	85.3	87.6	91.6	91.8	93.5	94.9	95.3	96.6	97.8	98.1	98.8	98.9	98.9	98.9
≥ 500	66.0	82.7	85.3	87.6	91.6	91.6	93.5	94.9	95.3	96.6	97.8	98.1	98.8	99.2	99.2	99.2
≥ 400	66.1	83.0	85.6	87.8	91.8	92.1	93.7	95.2	95.5	96.8	98.0	98.3	99.1	99.4	99.4	99.4
≥ 300	66.1	83.0	85.6	87.8	92.0	92.2	93.9	95.3	95.6	96.9	98.1	98.5	99.2	99.5	99.5	99.5
≥ 200	66.1	83.0	85.6	87.8	92.0	92.2	93.9	95.3	95.6	96.9	98.1	98.5	99.2	99.5	99.5	99.5
≥ 100	66.1	83.0	85.6	87.8	92.0	92.2	93.9	95.3	95.6	97.2	98.5	98.8	99.6	100.0	100.0	100.0
≥ 0	66.1	83.0	85.6	87.8	92.0	92.2	93.9	95.3	95.6	97.2	98.5	98.8	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.4	53.0	55.0	55.7	56.9	57.2	58.2	59.7	59.9	61.0	61.7	62.2	63.0	63.2	63.4	63.4
≥ 20000	44.2	53.8	55.8	56.5	57.7	58.0	59.0	60.5	60.8	61.8	62.5	63.0	63.8	64.1	64.2	64.2
≥ 18000	45.2	55.0	57.0	57.7	58.9	59.2	60.2	61.7	61.9	63.0	63.7	64.2	65.0	65.2	65.4	65.4
≥ 16000	45.4	55.2	57.2	57.9	59.1	59.5	60.4	61.9	62.2	63.2	63.9	64.4	65.2	65.5	65.6	65.6
≥ 14000	45.6	55.6	57.6	58.3	59.5	59.8	60.8	62.3	62.5	63.6	64.3	64.8	65.6	65.8	66.0	66.0
≥ 12000	47.9	58.2	60.2	60.9	62.1	62.4	63.4	64.9	65.1	66.2	66.9	67.4	68.2	68.4	68.6	68.6
≥ 10000	50.6	61.6	63.6	64.3	65.5	65.8	66.8	68.3	68.6	69.6	70.3	70.8	71.6	71.9	72.0	72.0
≥ 9000	51.9	63.0	65.0	65.7	66.9	67.3	68.2	69.7	70.0	71.0	71.7	72.2	73.0	73.3	73.4	73.4
≥ 8000	55.1	66.9	68.9	69.6	70.8	71.2	72.1	73.6	73.9	74.9	75.7	76.1	77.0	77.2	77.3	77.3
≥ 7000	58.2	70.6	72.8	73.6	74.8	75.2	76.1	77.7	77.9	79.0	79.7	80.1	81.0	81.2	81.3	81.3
≥ 6000	58.7	71.2	73.4	74.2	75.4	75.8	76.7	78.3	78.5	79.6	80.3	80.7	81.6	81.8	81.9	81.9
≥ 5000	60.5	73.6	75.9	76.7	78.0	78.4	79.3	80.9	81.1	82.2	82.9	83.3	84.2	84.4	84.5	84.5
≥ 4500	61.6	74.7	77.0	77.8	79.2	79.6	80.5	82.0	82.3	83.3	84.0	84.5	85.3	85.6	85.7	85.7
≥ 4000	61.6	75.4	77.7	78.5	79.9	80.3	81.2	82.7	83.0	84.0	84.8	85.2	86.1	86.3	86.4	86.4
≥ 3500	62.4	76.5	79.0	79.8	81.2	81.6	82.5	84.0	84.3	85.3	86.1	86.5	87.4	87.6	87.7	87.7
≥ 3000	63.4	78.0	80.6	81.6	83.5	83.9	84.9	86.4	86.6	87.7	88.4	88.9	89.7	90.0	90.1	90.1
≥ 2500	64.1	79.1	81.7	82.9	84.9	85.3	86.3	87.8	88.1	89.1	89.8	90.3	91.1	91.4	91.5	91.5
≥ 2000	64.5	79.8	82.4	83.8	85.8	86.3	87.2	88.8	89.0	90.1	90.8	91.3	92.1	92.3	92.4	92.4
≥ 1800	64.7	79.9	82.5	83.9	85.9	86.6	87.6	89.1	89.4	90.4	91.1	91.6	92.4	92.7	92.8	92.8
≥ 1500	64.7	80.0	82.7	84.6	86.9	87.6	88.9	90.4	90.7	91.7	92.4	92.9	93.7	94.0	94.1	94.1
≥ 1200	64.7	80.3	83.0	85.0	87.2	87.9	89.2	90.8	91.1	92.2	92.9	93.4	94.2	94.4	94.6	94.6
≥ 1000	64.7	80.5	83.7	85.7	88.3	89.1	90.7	92.3	92.7	93.7	94.4	94.9	95.7	96.0	96.1	96.1
≥ 900	64.7	80.5	83.7	85.7	88.3	89.1	90.7	92.3	92.7	93.7	94.4	94.9	95.7	96.0	96.1	96.1
≥ 800	64.7	80.5	83.7	85.7	88.3	89.1	90.7	92.3	92.8	93.9	94.6	95.0	95.9	96.1	96.2	96.2
≥ 700	64.7	80.7	83.9	85.9	88.7	89.5	91.3	92.9	93.4	94.6	95.3	95.7	96.8	97.4	97.5	97.5
≥ 600	64.7	80.7	83.9	85.9	88.7	89.5	91.3	93.1	93.6	94.8	95.5	96.0	97.2	97.8	97.9	97.9
≥ 500	64.7	80.7	83.9	85.9	88.7	89.6	91.5	93.4	93.9	95.3	96.0	96.5	97.6	98.2	98.3	98.3
≥ 400	64.8	81.0	84.2	86.3	89.1	90.1	92.0	94.0	94.4	95.9	96.6	97.0	98.2	98.8	98.9	98.9
≥ 300	64.8	81.2	84.4	86.5	89.5	90.5	92.4	94.4	94.9	96.3	97.0	97.5	98.7	99.3	99.4	99.4
≥ 200	64.8	81.2	84.4	86.5	89.5	90.5	92.4	94.4	94.9	96.3	97.0	97.5	98.7	99.3	99.6	99.6
≥ 100	64.8	81.2	84.4	86.5	89.5	90.5	92.4	94.4	94.9	96.3	97.0	97.5	98.8	99.4	99.8	100.0
≥ 0	64.8	81.2	84.4	86.5	89.5	90.5	92.4	94.4	94.9	96.3	97.0	97.5	98.8	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.4	46.5	47.9	49.1	50.0	50.4	50.7	52.0	52.4	53.4	54.7	55.2	57.0	57.0	58.2	58.2
≥ 20000	40.1	47.3	48.7	49.9	50.8	51.2	51.5	52.8	53.2	54.3	55.6	56.0	57.8	57.8	59.0	59.0
≥ 18000	41.7	48.9	50.5	51.7	52.6	53.0	53.3	54.6	55.0	56.0	57.3	57.8	59.6	59.6	60.8	60.9
≥ 16000	42.0	49.2	50.7	51.9	52.8	53.2	53.5	54.8	55.2	56.3	57.6	58.0	59.8	59.8	61.0	61.1
≥ 14000	42.3	49.5	51.1	52.2	53.2	53.5	53.9	55.2	55.6	56.6	57.9	58.4	60.2	60.2	61.3	61.5
≥ 12000	44.6	52.7	54.3	55.4	56.6	57.2	57.6	58.9	59.2	60.4	61.7	62.2	63.9	63.9	65.1	65.2
≥ 10000	48.6	57.1	58.6	59.8	61.0	61.6	61.9	63.2	63.6	64.8	66.1	66.5	68.3	68.3	69.5	69.6
≥ 9000	49.5	58.4	59.9	61.1	62.4	63.0	63.4	64.7	65.0	66.2	67.5	68.0	69.7	69.7	70.9	71.0
≥ 8000	54.7	64.4	66.2	67.4	68.8	69.4	69.7	71.0	71.4	72.6	73.9	74.3	76.1	76.1	77.3	77.4
≥ 7000	58.3	68.1	70.3	71.5	72.9	73.5	73.9	75.2	75.5	76.7	78.0	78.5	80.3	80.3	81.4	81.6
≥ 6000	59.1	69.0	71.3	72.5	73.9	74.5	74.8	76.1	76.5	77.7	79.0	79.4	81.2	81.2	82.4	82.5
≥ 5000	61.6	72.5	74.8	76.1	77.5	78.1	78.5	79.8	80.1	81.3	82.6	83.1	84.9	84.9	86.1	86.2
≥ 4500	62.1	73.2	75.5	77.1	78.8	79.4	79.8	81.1	81.4	82.6	84.0	84.5	86.3	86.3	87.5	87.6
≥ 4000	63.0	74.8	77.4	79.0	80.7	81.3	81.7	83.0	83.3	84.5	85.9	86.4	88.2	88.2	89.4	89.5
≥ 3500	63.1	75.3	78.0	79.6	81.3	81.9	82.3	83.6	83.9	85.1	86.5	87.0	88.8	88.8	90.0	90.1
≥ 3000	63.5	76.1	79.2	80.7	82.7	83.3	83.8	85.1	85.5	86.6	88.1	88.5	90.3	90.3	91.5	91.6
≥ 2500	64.2	76.8	80.1	81.7	83.7	84.3	84.8	86.1	86.4	87.6	89.0	89.5	91.3	91.3	92.4	92.6
≥ 2000	64.5	77.2	80.6	82.4	84.6	85.2	85.7	87.1	87.5	88.7	90.1	90.5	92.4	92.4	93.6	93.7
≥ 1800	64.5	77.2	80.6	82.9	85.1	85.7	86.2	87.7	88.1	89.2	90.7	91.1	93.0	93.0	94.2	94.3
≥ 1500	64.5	77.4	81.1	83.3	85.6	86.4	87.5	89.2	89.6	90.8	92.2	92.7	94.6	94.6	95.7	95.9
≥ 1200	64.7	77.7	81.6	83.9	86.3	87.1	88.2	90.0	90.3	91.5	92.9	93.4	95.3	95.3	96.5	96.6
≥ 1000	64.7	78.0	81.9	84.3	86.6	87.5	88.5	90.3	90.7	91.8	93.3	93.7	95.6	95.6	96.8	96.9
≥ 900	64.7	78.0	81.9	84.3	86.6	87.5	88.7	90.4	90.8	92.0	93.4	93.9	95.7	95.7	96.9	97.0
≥ 800	64.7	78.0	81.9	84.3	86.6	87.5	88.7	90.4	90.8	92.0	93.4	93.9	95.7	95.7	96.9	97.0
≥ 700	64.7	78.0	81.9	84.3	86.6	87.5	88.8	90.5	90.9	92.1	93.5	94.0	96.0	96.1	97.4	97.6
≥ 600	64.7	78.0	81.9	84.3	86.8	87.6	88.9	90.8	91.1	92.4	93.9	94.3	96.5	96.6	97.9	98.1
≥ 500	64.7	78.0	81.9	84.3	86.9	87.7	89.0	90.9	91.3	92.7	94.1	94.6	96.8	97.0	98.3	98.6
≥ 400	64.8	78.4	82.3	84.8	87.4	88.2	89.5	91.4	91.7	93.1	94.6	95.0	97.3	97.6	99.2	99.4
≥ 300	64.8	78.4	82.3	84.8	87.4	88.2	89.5	91.4	91.7	93.1	94.6	95.0	97.3	97.6	99.3	99.6
≥ 200	64.8	78.4	82.3	84.8	87.4	88.2	89.5	91.4	91.7	93.1	94.6	95.0	97.3	97.6	99.3	99.6
≥ 100	64.8	78.4	82.3	84.8	87.4	88.2	89.5	91.4	91.7	93.1	94.6	95.0	97.3	97.8	99.4	99.8
≥ 0	64.8	78.4	82.3	84.8	87.4	88.2	89.5	91.4	91.7	93.1	94.6	95.0	97.3	97.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 896

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	39.8	43.7	45.2	46.0	47.2	47.4	47.9	49.3	49.3	50.9	52.1	52.4	53.9	54.4	55.7	56.1
≥ 20000	40.9	44.8	46.3	47.2	48.3	48.6	49.1	50.5	50.5	52.1	53.3	53.5	55.1	55.6	56.9	57.3
≥ 18000	43.6	47.8	49.3	50.2	51.5	51.8	52.2	53.7	53.7	55.3	56.5	56.7	58.3	58.7	60.2	60.6
≥ 16000	44.8	49.1	50.6	51.5	52.8	53.1	53.5	55.0	55.0	56.6	57.8	58.0	59.6	60.0	61.5	61.9
≥ 14000	45.9	50.2	51.8	52.7	54.0	54.3	54.7	56.1	56.1	57.8	59.0	59.2	60.8	61.2	62.6	63.1
≥ 12000	49.6	54.3	55.9	56.9	58.2	58.4	58.9	60.3	60.3	61.9	63.1	63.4	65.0	65.5	66.9	67.4
≥ 10000	54.8	59.6	61.3	62.3	63.7	63.9	64.4	65.8	65.8	67.5	68.7	68.9	70.6	71.0	72.5	72.9
≥ 9000	56.3	61.0	62.8	63.7	65.1	65.4	65.8	67.3	67.3	68.9	70.1	70.3	72.0	72.5	73.9	74.3
≥ 8000	59.7	64.8	67.0	68.1	69.6	69.9	70.7	72.2	72.2	73.9	75.1	75.3	77.0	77.4	78.8	79.3
≥ 7000	62.9	68.4	70.9	72.0	73.5	73.8	74.6	76.1	76.1	77.8	79.0	79.2	80.9	81.3	82.7	83.2
≥ 6000	64.3	69.9	72.3	73.4	74.9	75.2	76.0	77.5	77.5	79.2	80.4	80.6	82.3	82.7	84.2	84.6
≥ 5000	66.2	72.0	74.5	75.5	77.8	78.0	79.1	80.6	80.6	82.4	83.6	83.8	85.5	85.9	87.4	87.8
≥ 4500	66.4	73.0	75.5	76.8	79.1	79.3	80.4	81.9	81.9	83.7	85.0	85.2	86.9	87.4	88.8	89.2
≥ 4000	67.1	74.6	77.3	79.0	81.3	81.6	82.6	84.4	84.4	86.2	87.5	87.7	89.4	89.8	91.3	91.7
≥ 3500	68.1	75.5	78.3	80.0	82.4	82.6	83.7	85.5	85.7	87.6	88.9	89.1	90.8	91.3	92.7	93.1
≥ 3000	68.6	76.2	79.1	80.9	83.2	83.5	84.6	86.5	86.8	88.9	90.2	90.4	92.1	92.6	94.0	94.4
≥ 2500	68.8	76.2	79.0	81.2	83.8	84.0	85.2	87.1	87.4	89.5	90.8	91.0	92.7	93.1	94.6	95.0
≥ 2000	69.0	76.7	79.7	81.9	84.6	84.9	86.1	87.9	88.2	90.3	91.6	91.8	93.5	94.0	95.4	95.9
≥ 1800	69.0	76.7	79.7	81.9	84.6	84.9	86.1	87.9	88.2	90.3	91.6	91.8	93.5	94.0	95.4	95.9
≥ 1500	69.0	77.0	79.9	82.2	85.0	85.2	86.4	88.3	88.5	90.7	92.1	92.3	94.0	94.6	96.0	96.5
≥ 1200	69.3	77.3	80.3	82.5	85.3	85.7	87.0	89.0	89.2	91.4	92.8	93.0	94.7	95.3	96.7	97.2
≥ 1000	69.3	77.4	80.6	83.0	85.8	86.3	87.6	89.6	89.8	92.0	93.4	93.6	95.5	96.1	97.5	98.0
≥ 900	69.3	77.4	80.6	83.0	85.8	86.3	87.6	89.6	89.8	92.0	93.4	93.6	95.5	96.1	97.5	98.2
≥ 800	69.3	77.4	80.6	83.0	85.8	86.3	87.6	89.6	89.8	92.0	93.4	93.6	95.5	96.1	97.5	98.2
≥ 700	69.3	77.4	80.6	83.0	85.8	86.3	87.6	89.6	89.8	92.1	93.6	93.9	95.7	96.3	97.8	98.5
≥ 600	69.3	77.5	80.7	83.1	85.9	86.4	87.7	89.7	90.0	92.4	94.1	94.3	96.2	96.9	98.3	99.2
≥ 500	69.3	77.7	80.9	83.2	86.1	86.5	87.8	89.8	90.1	92.6	94.2	94.4	96.3	97.0	98.5	99.3
≥ 400	69.3	77.7	80.9	83.2	86.1	86.5	87.8	89.8	90.1	92.6	94.2	94.6	96.5	97.2	98.6	99.4
≥ 300	69.3	77.7	80.9	83.2	86.1	86.5	87.8	89.8	90.1	92.7	94.3	94.7	96.6	97.3	98.7	99.5
≥ 200	69.3	77.7	81.0	83.3	86.2	86.6	87.9	90.0	90.2	92.8	94.4	94.8	96.9	97.6	99.1	99.9
≥ 100	69.3	77.7	81.0	83.3	86.2	86.6	87.9	90.0	90.2	92.8	94.4	94.8	96.9	97.6	99.1	100.0
≥ 0	69.3	77.7	81.0	83.3	86.2	86.6	87.9	90.0	90.2	92.8	94.4	94.8	96.9	97.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 10L 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥½	≥⅜	≥0
NO CEILING	51.2	55.3	56.0	56.5	56.7	57.0	57.2	57.6	57.6	57.7	58.0	58.0	58.3	58.4	58.6	58.9
≥ 20000	53.1	57.3	58.2	58.6	58.9	59.1	59.3	59.7	59.7	59.8	60.2	60.2	60.4	60.5	60.8	61.0
≥ 18000	57.1	61.6	62.4	62.9	63.1	63.4	63.6	63.9	63.9	64.1	64.4	64.4	64.7	64.8	65.0	65.2
≥ 16000	58.3	62.9	63.7	64.2	64.4	64.7	64.9	65.2	65.2	65.4	65.7	65.7	66.0	66.1	66.3	66.5
≥ 14000	59.1	63.7	64.5	65.0	65.2	65.5	65.7	66.1	66.1	66.2	66.5	66.5	66.8	66.9	67.1	67.4
≥ 12000	62.3	67.1	68.0	68.4	68.7	68.9	69.1	69.5	69.5	69.6	70.0	70.0	70.2	70.3	70.6	70.8
≥ 10000	67.1	72.1	72.9	73.4	73.6	73.9	74.1	74.5	74.5	74.6	74.9	74.9	75.2	75.3	75.5	75.8
≥ 9000	68.7	73.6	74.5	74.9	75.2	75.4	75.7	76.0	76.0	76.1	76.5	76.5	76.7	76.8	77.1	77.3
≥ 8000	73.5	79.2	80.0	80.5	80.7	81.0	81.2	81.6	81.6	81.7	82.2	82.2	82.4	82.5	82.7	83.0
≥ 7000	76.7	82.6	83.5	83.9	84.2	84.4	84.6	85.0	85.0	85.1	85.6	85.6	85.8	85.9	86.2	86.4
≥ 6000	77.5	83.5	84.3	84.8	85.0	85.2	85.5	85.8	85.8	85.9	86.4	86.4	86.6	86.8	87.0	87.2
≥ 5000	78.6	84.6	85.6	86.3	86.8	87.0	87.4	87.7	87.7	87.8	88.3	88.3	88.5	88.7	88.9	89.1
≥ 4500	79.0	85.0	86.1	86.9	87.4	87.6	87.9	88.3	88.3	88.4	88.9	88.9	89.1	89.2	89.5	89.7
≥ 4000	79.3	86.4	87.8	88.9	89.4	89.6	90.0	90.3	90.4	91.0	91.5	91.5	91.7	91.8	92.1	92.3
≥ 3500	79.6	86.9	88.3	89.4	90.0	90.2	90.5	91.1	91.3	91.8	92.3	92.3	92.6	92.7	92.9	93.1
≥ 3000	80.0	87.5	88.9	90.5	91.3	91.6	92.0	93.1	93.4	94.3	94.8	94.9	95.2	95.3	95.5	95.7
≥ 2500	80.1	87.7	89.1	90.8	91.5	91.8	92.2	93.4	93.6	94.6	95.0	95.2	95.4	95.5	95.7	96.0
≥ 2000	80.1	87.8	89.2	90.9	91.7	92.1	92.4	93.6	93.9	94.8	95.3	95.4	95.6	95.7	96.0	96.2
≥ 1800	80.1	87.8	89.2	90.9	91.8	92.2	92.6	93.7	94.0	94.9	95.4	95.5	95.7	95.9	96.1	96.3
≥ 1500	80.3	87.9	89.7	91.4	92.3	92.7	93.1	94.3	94.6	95.7	96.3	96.5	96.7	96.8	97.0	97.3
≥ 1200	80.5	88.3	90.2	92.0	92.9	93.3	93.9	95.2	95.4	96.6	97.2	97.3	97.5	97.6	97.9	98.1
≥ 1000	80.5	88.3	90.2	92.0	92.9	93.3	94.0	95.3	95.6	96.8	97.4	97.6	98.1	98.2	98.5	98.7
≥ 900	80.5	88.4	90.3	92.1	93.0	93.4	94.1	95.4	95.7	96.9	97.5	97.9	98.5	98.6	98.8	99.1
≥ 800	80.5	88.4	90.3	92.1	93.0	93.4	94.2	95.5	95.9	97.0	97.6	98.0	98.6	98.7	98.9	99.2
≥ 700	80.5	88.4	90.3	92.1	93.0	93.4	94.2	95.6	96.0	97.2	97.8	98.1	99.1	99.2	99.4	99.6
≥ 600	80.5	88.5	90.4	92.2	93.1	93.5	94.3	95.7	96.1	97.3	97.9	98.2	99.3	99.4	99.6	99.9
≥ 500	80.5	88.5	90.4	92.2	93.1	93.5	94.3	95.7	96.1	97.3	98.0	98.3	99.4	99.5	99.8	100.0
≥ 400	80.5	88.5	90.4	92.2	93.1	93.5	94.3	95.7	96.1	97.3	98.0	98.3	99.4	99.5	99.8	100.0
≥ 300	80.5	88.5	90.4	92.2	93.1	93.5	94.3	95.7	96.1	97.3	98.0	98.3	99.4	99.5	99.8	100.0
≥ 200	80.5	88.5	90.4	92.2	93.1	93.5	94.3	95.7	96.1	97.3	98.0	98.3	99.4	99.5	99.8	100.0
≥ 100	80.5	88.5	90.4	92.2	93.1	93.5	94.3	95.7	96.1	97.3	98.0	98.3	99.4	99.5	99.8	100.0
≥ 0	80.5	88.5	90.4	92.2	93.1	93.5	94.3	95.7	96.1	97.3	98.0	98.3	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 896

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	54.7	58.0	58.3	58.3	58.7	58.7	59.0	59.2	59.2	59.6	59.6	59.6	59.7	59.7	59.8	59.8
≥ 20000	57.2	60.5	60.8	60.8	61.2	61.2	61.5	61.7	61.7	62.1	62.1	62.1	62.2	62.2	62.3	62.3
≥ 18000	60.6	64.1	64.3	64.3	64.8	64.8	65.0	65.2	65.2	65.6	65.6	65.6	65.7	65.7	65.8	65.8
≥ 16000	61.2	65.0	65.2	65.4	65.8	65.8	66.1	66.3	66.3	66.7	66.7	66.7	66.8	66.8	66.9	66.9
≥ 14000	62.3	66.1	66.4	66.5	67.0	67.0	67.3	67.5	67.5	67.8	67.8	67.8	68.0	68.0	68.1	68.1
≥ 12000	65.8	69.6	70.0	70.1	70.6	70.6	70.8	71.0	71.0	71.4	71.4	71.4	71.5	71.5	71.6	71.6
≥ 10000	71.2	75.2	75.5	75.7	76.2	76.2	76.5	76.7	76.7	77.1	77.1	77.1	77.2	77.2	77.3	77.3
≥ 9000	72.6	76.6	77.0	77.1	77.7	77.7	77.9	78.1	78.1	78.5	78.5	78.5	78.6	78.6	78.7	78.7
≥ 8000	77.3	81.7	82.0	82.2	82.9	82.9	83.1	83.5	83.5	83.8	83.8	83.8	83.9	83.9	84.0	84.0
≥ 7000	79.4	84.0	84.4	84.5	85.5	85.5	85.7	86.1	86.1	86.4	86.4	86.4	86.5	86.5	86.6	86.6
≥ 6000	80.9	85.6	85.9	86.1	87.1	87.1	87.4	87.7	87.7	88.1	88.1	88.1	88.2	88.2	88.3	88.3
≥ 5000	81.3	86.5	87.0	87.2	88.5	88.5	88.8	89.1	89.1	89.5	89.5	89.5	89.6	89.6	89.7	89.7
≥ 4500	81.9	87.6	88.1	88.3	89.7	89.7	90.0	90.3	90.3	90.8	90.8	90.8	90.9	90.9	91.0	91.0
≥ 4000	82.2	88.3	88.8	89.4	90.8	90.9	91.1	91.5	91.5	92.0	92.1	92.1	92.2	92.2	92.3	92.3
≥ 3500	82.5	88.9	89.4	90.1	91.5	91.6	91.8	92.2	92.2	92.7	92.8	92.8	92.9	92.9	93.0	93.0
≥ 3000	82.6	89.1	89.7	90.8	92.6	92.9	93.3	93.6	93.7	94.3	94.4	94.4	94.6	94.6	94.7	94.7
≥ 2500	82.9	89.5	90.1	91.3	93.1	93.5	93.9	94.2	94.3	94.9	95.0	95.0	95.2	95.2	95.3	95.3
≥ 2000	83.2	89.8	90.4	91.6	93.7	94.2	94.8	95.2	95.3	95.9	96.0	96.0	96.1	96.1	96.2	96.2
≥ 1800	83.2	89.8	90.5	91.7	93.9	94.3	94.9	95.3	95.4	96.0	96.1	96.1	96.2	96.2	96.3	96.3
≥ 1500	83.5	90.1	90.8	92.0	94.1	94.6	95.3	95.6	95.7	96.3	96.6	96.6	96.7	96.7	96.8	96.8
≥ 1200	83.7	90.3	91.4	92.6	94.7	95.2	95.9	96.2	96.3	96.9	97.2	97.2	97.3	97.3	97.4	97.4
≥ 1000	83.7	90.3	91.4	92.6	94.7	95.3	96.2	96.6	96.7	97.3	97.5	97.5	97.6	97.6	97.8	97.8
≥ 900	83.7	90.3	91.4	92.7	94.9	95.5	96.5	96.8	96.9	97.8	98.1	98.1	98.3	98.3	98.5	98.5
≥ 800	83.7	90.3	91.4	92.7	94.9	95.5	96.5	96.8	96.9	97.9	98.2	98.3	98.7	98.7	98.8	98.8
≥ 700	83.7	90.3	91.6	92.9	95.2	95.7	96.7	97.2	97.3	98.2	98.7	98.8	99.2	99.3	99.4	99.4
≥ 600	83.7	90.3	91.6	92.9	95.2	95.7	96.7	97.2	97.3	98.2	98.7	98.8	99.2	99.3	99.4	99.4
≥ 500	83.7	90.3	91.6	92.9	95.2	95.7	96.7	97.2	97.3	98.2	98.8	98.9	99.5	99.6	99.8	99.8
≥ 400	83.7	90.3	91.6	92.9	95.2	95.7	96.7	97.2	97.3	98.2	98.8	98.9	99.5	99.6	99.8	99.8
≥ 300	83.7	90.3	91.6	92.9	95.2	95.7	96.7	97.2	97.3	98.2	98.8	98.9	99.5	99.6	99.8	99.8
≥ 200	83.7	90.3	91.6	92.9	95.2	95.7	96.7	97.2	97.3	98.3	98.9	99.1	99.8	99.9	100.0	100.0
≥ 100	83.7	90.3	91.6	92.9	95.2	95.7	96.7	97.2	97.3	98.3	98.9	99.1	99.8	99.9	100.0	100.0
≥ 0	83.7	90.3	91.6	92.9	95.2	95.7	96.7	97.2	97.3	98.3	98.9	99.1	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72650 (STATION) EIELSON AFB AK (STATION NAME) 73-62 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥½	≥5/16	≥0
NO CEILING	48.6	57.4	58.9	59.5	61.0	61.2	61.7	62.4	62.9	63.8	64.1	64.1	64.5	64.7	64.8	64.8
≥ 20000	50.8	59.7	61.1	61.7	63.2	63.5	63.9	64.7	65.1	66.1	66.3	66.3	66.8	66.9	67.0	67.0
≥ 18000	52.5	61.3	62.9	63.5	65.0	65.2	65.8	66.5	67.0	68.0	68.2	68.2	68.7	68.8	68.9	68.9
≥ 16000	53.1	62.4	63.9	64.5	66.1	66.3	66.9	67.6	68.1	69.0	69.3	69.3	69.7	69.9	70.0	70.0
≥ 14000	53.3	63.1	64.7	65.2	66.8	67.0	67.6	68.3	68.8	69.7	70.0	70.0	70.4	70.6	70.7	70.7
≥ 12000	56.6	66.2	67.5	68.1	69.6	69.9	70.4	71.2	71.6	72.6	72.8	72.8	73.3	73.4	73.5	73.5
≥ 10000	60.5	70.0	71.9	72.5	74.0	74.2	74.8	75.5	76.0	77.0	77.2	77.2	77.7	77.8	77.9	77.9
≥ 9000	61.9	71.4	73.3	73.9	75.4	75.7	76.2	77.0	77.4	78.4	78.6	78.6	79.1	79.2	79.3	79.3
≥ 8000	65.1	75.4	77.3	78.0	79.6	79.6	80.4	81.1	81.6	82.5	82.7	82.7	83.2	83.3	83.5	83.5
≥ 7000	66.8	77.4	79.6	80.3	81.8	82.0	82.6	83.3	83.8	84.8	85.0	85.0	85.5	85.6	85.7	85.7
≥ 6000	67.4	78.5	80.6	81.3	82.9	83.1	83.7	84.4	84.9	85.8	86.1	86.1	86.5	86.6	86.8	86.8
≥ 5000	67.7	79.3	81.6	82.5	84.4	84.6	85.2	85.9	86.4	87.4	87.6	87.6	88.1	88.2	88.3	88.3
≥ 4500	69.1	80.7	83.0	84.0	85.9	86.2	86.8	87.5	87.9	88.9	89.1	89.1	89.6	89.7	89.8	89.8
≥ 4000	69.7	81.6	84.0	85.2	87.2	87.7	88.3	89.0	89.5	90.4	90.7	90.7	91.1	91.3	91.4	91.4
≥ 3500	70.3	82.4	84.9	86.2	88.3	88.8	89.4	90.2	90.7	91.6	91.8	91.8	92.3	92.4	92.6	92.6
≥ 3000	70.8	83.0	85.8	87.1	89.2	89.7	90.3	91.1	91.6	92.6	92.8	92.8	93.3	93.4	93.5	93.5
≥ 2500	71.4	84.2	87.2	88.5	90.7	91.1	91.7	92.6	93.0	94.0	94.2	94.2	94.7	94.8	94.9	94.9
≥ 2000	71.7	84.8	87.8	89.1	91.7	92.3	93.0	94.0	94.4	95.4	95.6	95.6	96.1	96.2	96.3	96.3
≥ 1800	71.7	84.8	87.9	89.2	91.8	92.4	93.1	94.1	94.6	95.5	95.7	95.7	96.2	96.3	96.5	96.5
≥ 1500	71.7	84.8	88.2	89.5	92.1	93.0	94.1	95.0	95.5	96.5	96.7	96.7	97.2	97.3	97.4	97.4
≥ 1200	71.7	84.8	88.3	89.8	92.4	93.4	94.4	95.4	95.9	96.8	97.0	97.0	97.5	97.6	97.8	97.8
≥ 1000	71.7	84.8	88.3	90.0	92.6	93.5	94.6	95.5	96.0	96.9	97.2	97.2	97.6	97.8	97.9	97.9
≥ 900	71.7	84.8	88.3	90.0	92.8	93.7	94.8	95.7	96.2	97.3	97.5	97.5	98.0	98.1	98.2	98.2
≥ 800	71.7	84.8	88.3	90.0	92.8	93.7	94.8	95.7	96.2	97.3	97.6	97.6	98.1	98.5	98.6	98.6
≥ 700	71.7	84.9	88.7	90.3	93.1	94.1	95.2	96.1	96.6	97.6	98.0	98.0	98.5	99.1	99.2	99.2
≥ 600	71.7	84.9	88.7	90.3	93.1	94.1	95.2	96.1	96.6	97.6	98.0	98.0	98.5	99.1	99.2	99.2
≥ 500	71.7	84.9	88.7	90.3	93.1	94.2	95.3	96.2	96.7	97.8	98.3	98.3	98.8	99.4	99.5	99.5
≥ 400	71.7	84.9	88.7	90.3	93.1	94.2	95.3	96.2	96.8	97.9	98.5	98.5	98.9	99.5	99.6	99.6
≥ 300	71.7	84.9	88.7	90.3	93.1	94.2	95.3	96.2	96.8	97.9	98.5	98.5	98.9	99.6	99.8	99.8
≥ 200	71.7	84.9	88.7	90.3	93.1	94.2	95.3	96.2	96.8	97.9	98.5	98.5	98.9	99.6	99.8	99.8
≥ 100	71.7	84.9	88.7	90.3	93.1	94.2	95.3	96.2	96.8	97.9	98.5	98.5	99.1	99.8	100.0	100.0
≥ 0	71.7	84.9	88.7	90.3	93.1	94.2	95.3	96.2	96.8	97.9	98.5	98.5	99.1	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	47.5	58.6	59.5	60.9	62.4	62.5	63.1	64.2	64.7	64.7	65.0	65.0	66.2	66.4	66.4	66.4
≥ 20000	49.2	60.3	61.1	62.5	64.1	64.2	64.8	65.8	66.3	66.3	66.7	66.7	67.8	68.1	68.1	68.1
≥ 18000	50.5	61.6	62.4	63.8	65.5	65.6	66.2	67.3	67.7	67.7	68.1	68.1	69.3	69.5	69.5	69.5
≥ 16000	50.6	62.3	63.1	64.5	66.2	66.3	66.9	68.0	68.4	68.4	68.8	68.8	70.0	70.2	70.2	70.2
≥ 14000	50.9	62.6	63.5	64.9	66.5	66.7	67.3	68.3	68.8	68.8	69.1	69.1	70.3	70.6	70.6	70.6
≥ 12000	53.5	65.2	66.1	67.5	69.1	69.3	69.9	70.9	71.4	71.4	71.7	71.7	72.9	73.2	73.2	73.2
≥ 10000	56.7	69.0	69.9	71.3	72.9	73.0	73.6	74.7	75.2	75.2	75.5	75.5	76.7	77.0	77.0	77.0
≥ 9000	58.3	70.6	71.4	72.8	74.5	74.6	75.2	76.2	76.7	76.7	77.1	77.1	78.3	78.5	78.5	78.5
≥ 8000	61.2	74.2	75.2	76.7	78.4	78.5	79.1	80.1	80.6	80.6	81.0	81.0	82.2	82.4	82.4	82.4
≥ 7000	63.8	77.0	78.3	79.8	81.4	81.6	82.2	83.2	83.7	83.7	84.0	84.0	85.2	85.5	85.5	85.5
≥ 6000	64.5	77.8	79.2	80.7	82.4	82.5	83.1	84.2	84.6	84.6	85.0	85.0	86.2	86.4	86.4	86.4
≥ 5000	65.2	79.0	80.6	82.2	84.0	84.2	84.9	85.8	86.3	86.3	86.6	86.6	87.8	88.1	88.1	88.1
≥ 4500	66.2	80.4	82.0	83.6	85.5	85.6	86.2	87.2	87.7	87.7	88.1	88.1	89.2	89.5	89.5	89.5
≥ 4000	66.5	81.4	83.1	84.6	86.5	86.6	87.2	88.3	88.8	88.8	89.1	89.1	90.3	90.5	90.5	90.5
≥ 3500	67.5	82.5	84.3	85.9	87.9	88.1	88.7	89.7	90.2	90.2	90.5	90.5	91.7	92.0	92.0	92.0
≥ 3000	68.6	83.7	85.5	87.1	89.1	89.2	89.8	90.9	91.4	91.4	91.7	91.7	92.9	93.1	93.1	93.1
≥ 2500	69.3	84.8	86.6	88.3	90.3	90.4	91.0	92.1	92.6	92.6	92.9	92.9	94.1	94.3	94.3	94.3
≥ 2000	70.0	85.7	87.6	89.2	91.5	92.0	92.6	93.6	94.1	94.1	94.4	94.4	95.6	95.9	95.9	95.9
≥ 1800	70.0	85.7	87.6	89.2	91.5	92.0	92.6	93.6	94.1	94.1	94.4	94.4	95.6	95.9	95.9	95.9
≥ 1500	70.0	86.2	88.1	89.8	92.3	92.8	93.7	94.8	95.3	95.3	95.6	95.6	96.8	97.0	97.0	97.0
≥ 1200	70.0	86.2	88.1	90.0	92.6	93.0	94.0	95.0	95.5	95.5	95.9	95.9	97.0	97.3	97.3	97.3
≥ 1000	70.0	86.4	88.3	90.3	93.0	93.7	94.7	95.9	96.3	96.3	96.7	96.7	97.9	98.1	98.1	98.1
≥ 900	70.0	86.4	88.3	90.3	93.0	93.7	94.7	95.9	96.5	96.6	96.9	96.9	98.1	98.3	98.3	98.3
≥ 800	70.0	86.4	88.3	90.3	93.0	93.7	94.7	95.9	96.5	96.6	96.9	96.9	98.1	98.3	98.3	98.3
≥ 700	70.0	86.4	88.4	90.4	93.1	93.9	94.8	96.1	96.7	96.8	97.2	97.2	98.3	98.6	98.9	98.9
≥ 600	70.0	86.4	88.4	90.4	93.1	93.9	94.8	96.1	96.7	96.9	97.3	97.3	98.5	98.9	99.3	99.3
≥ 500	70.0	86.4	88.4	90.4	93.1	93.9	94.8	96.1	96.7	96.9	97.3	97.3	98.5	98.9	99.3	99.3
≥ 400	70.0	86.6	88.7	90.7	93.7	94.4	95.4	96.7	97.3	97.5	97.9	97.9	99.1	99.5	99.9	99.9
≥ 300	70.0	86.6	88.7	90.7	93.7	94.4	95.4	96.7	97.3	97.5	97.9	97.9	99.1	99.6	100.0	100.0
≥ 200	70.0	86.6	88.7	90.7	93.7	94.4	95.4	96.7	97.3	97.5	97.9	97.9	99.1	99.6	100.0	100.0
≥ 100	70.0	86.6	88.7	90.7	93.7	94.4	95.4	96.7	97.3	97.5	97.9	97.9	99.1	99.6	100.0	100.0
≥ 0	70.0	86.6	88.7	90.7	93.7	94.4	95.4	96.7	97.3	97.5	97.9	97.9	99.1	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 26 50 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥½	≥⅜	≥0
NO CEILING	46.3	53.7	54.9	55.7	56.8	57.0	57.6	58.6	58.8	59.5	60.2	60.4	61.2	61.4	61.9	61.8
≥ 20000	47.8	55.2	56.4	57.2	58.4	58.6	59.1	60.1	60.3	61.1	61.7	61.9	62.8	62.9	63.3	63.4
≥ 18000	49.8	57.4	58.7	59.5	60.6	60.8	61.4	62.4	62.6	63.3	64.0	64.2	65.0	65.2	65.6	65.7
≥ 16000	50.4	58.1	59.4	60.3	61.4	61.6	62.2	63.2	63.4	64.1	64.8	65.2	65.8	66.0	66.4	66.5
≥ 14000	51.0	58.8	60.1	60.9	62.1	62.3	62.9	63.8	64.1	64.8	65.4	65.6	66.5	66.6	67.0	67.1
≥ 12000	53.8	61.8	63.1	64.0	65.2	65.4	66.0	66.9	67.2	67.9	68.6	68.8	69.6	69.8	70.2	70.3
≥ 10000	57.9	66.3	67.6	68.5	69.7	69.9	70.5	71.5	71.7	72.4	73.1	73.3	74.1	74.3	74.7	74.8
≥ 9000	59.2	67.7	69.1	69.9	71.1	71.4	71.9	72.9	73.1	73.9	74.5	74.7	75.6	75.7	76.1	76.2
≥ 8000	62.9	72.0	73.4	74.3	75.7	75.9	76.5	77.5	77.7	78.5	79.2	79.3	80.2	80.4	80.8	80.9
≥ 7000	65.7	75.1	76.8	77.7	79.0	79.2	79.9	80.9	81.1	81.9	82.5	82.7	83.6	83.7	84.1	84.2
≥ 6000	66.5	76.0	77.7	78.6	80.0	80.2	80.9	81.8	82.1	82.8	83.5	83.7	84.6	84.7	85.1	85.2
≥ 5000	67.9	77.9	79.7	80.7	82.3	82.5	83.2	84.2	84.4	85.2	85.9	86.1	86.9	87.1	87.5	87.6
≥ 4500	68.7	79.0	80.8	81.9	83.6	83.8	84.5	85.5	85.7	86.5	87.2	87.4	88.2	88.4	88.8	88.9
≥ 4000	69.1	80.0	82.0	83.2	84.9	85.2	85.8	86.9	87.1	88.0	88.7	88.9	89.7	89.9	90.3	90.4
≥ 3500	69.6	80.7	82.7	84.0	85.8	86.1	86.7	87.8	88.1	88.9	89.6	89.8	90.7	90.9	91.3	91.4
≥ 3000	70.2	81.6	83.9	85.3	87.2	87.5	88.3	89.4	89.7	90.7	91.4	91.6	92.4	92.6	93.0	93.1
≥ 2500	70.7	82.4	84.6	86.2	88.2	88.5	89.2	90.4	90.7	91.6	92.3	92.5	93.4	93.6	94.0	94.1
≥ 2000	71.1	82.9	85.2	86.8	89.0	89.4	90.1	91.3	91.6	92.6	93.3	93.5	94.4	94.5	94.9	95.0
≥ 1800	71.2	83.0	85.3	87.0	89.1	89.6	90.3	91.5	91.8	92.8	93.5	93.7	94.6	94.7	95.1	95.2
≥ 1500	71.2	83.1	85.6	87.4	89.7	90.2	91.3	92.5	92.8	93.8	94.5	94.8	95.6	95.8	96.2	96.3
≥ 1200	71.3	83.3	85.9	87.8	90.1	90.7	91.8	93.0	93.3	94.3	95.1	95.3	96.2	96.4	96.7	96.9
≥ 1000	71.3	83.5	86.2	88.2	90.7	91.3	92.4	93.7	94.1	95.1	95.9	96.1	97.0	97.2	97.6	97.7
≥ 900	71.3	83.6	86.2	88.2	90.8	91.4	92.5	93.8	94.2	95.3	96.0	96.3	97.3	97.4	97.8	97.9
≥ 800	71.3	83.6	86.2	88.2	90.8	91.4	92.6	93.9	94.2	95.4	96.2	96.4	97.4	97.6	98.0	98.1
≥ 700	71.3	83.6	86.3	88.3	90.9	91.5	92.7	94.1	94.5	95.6	96.5	96.7	97.8	98.1	98.5	98.7
≥ 600	71.3	83.6	86.4	88.3	90.9	91.6	92.8	94.2	94.6	95.8	96.6	96.9	98.0	98.4	98.8	99.0
≥ 500	71.3	83.7	86.4	88.4	91.0	91.6	92.9	94.3	94.7	95.9	96.8	97.1	98.2	98.6	99.1	99.2
≥ 400	71.4	83.8	86.5	88.5	91.2	91.8	93.1	94.5	94.9	96.2	97.1	97.3	98.5	98.9	99.4	99.6
≥ 300	71.4	83.8	86.6	88.5	91.3	91.9	93.2	94.6	95.0	96.2	97.1	97.4	98.6	99.0	99.5	99.7
≥ 200	71.4	83.8	86.6	88.6	91.3	91.9	93.2	94.6	95.0	96.3	97.2	97.4	98.7	99.1	99.6	99.8
≥ 100	71.4	83.8	86.6	88.6	91.3	91.9	93.2	94.6	95.0	96.3	97.2	97.5	98.7	99.2	99.7	100.0
≥ 0	71.4	83.8	86.6	88.6	91.3	91.9	93.2	94.6	95.0	96.3	97.2	97.5	98.7	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.3	63.5	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	58.9	65.4	65.6	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 18000	60.5	67.3	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
≥ 16000	60.5	67.3	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
≥ 14000	61.1	67.8	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	62.2	69.2	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 10000	65.5	73.3	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	67.7	75.6	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	70.6	79.6	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 7000	74.6	84.0	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
≥ 6000	75.6	84.9	85.3	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
≥ 5000	77.6	87.2	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	78.2	88.6	89.7	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	78.7	89.4	90.4	90.9	91.3	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	79.2	90.3	91.6	92.0	92.5	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	79.6	91.1	92.4	93.0	93.9	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	79.6	91.6	93.0	93.9	94.9	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	80.2	92.9	94.4	95.4	96.8	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	80.3	93.0	94.5	95.6	97.0	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	80.3	93.3	95.1	96.1	97.5	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	80.5	93.5	95.3	96.3	97.7	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	80.5	93.7	95.4	96.5	98.0	98.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	80.5	93.7	95.4	96.5	98.0	98.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	80.6	93.8	95.5	96.6	98.2	98.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	80.6	93.8	95.5	96.7	98.3	98.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	80.6	93.8	95.5	96.7	98.3	98.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	80.6	93.8	95.5	96.7	98.3	98.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	80.6	93.8	95.5	96.7	98.3	98.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	80.6	93.8	95.5	96.7	98.3	98.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	80.6	93.8	95.5	96.7	98.3	98.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	80.6	93.8	95.5	96.7	98.3	98.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	80.6	93.8	95.5	96.7	98.3	98.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM OCT 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7,2550 (STATION) EIELSON AFB AK (STATION NAME) 73-62 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	49.8	54.6	54.9	55.1	55.2	55.2	55.4	55.4	55.4	55.8	55.8	55.8	55.9	56.0	56.0	56.0
≥ 20000	51.6	56.7	57.0	57.1	57.2	57.2	57.4	57.4	57.4	57.8	57.8	57.8	58.0	58.1	58.1	58.1
≥ 18000	54.7	60.2	60.6	60.8	60.9	60.9	61.1	61.1	61.1	61.5	61.5	61.5	61.6	61.7	61.7	61.7
≥ 16000	55.1	60.5	61.0	61.1	61.2	61.2	61.4	61.4	61.4	61.8	61.8	61.8	61.9	62.0	62.0	62.0
≥ 14000	55.2	60.6	61.1	61.2	61.3	61.3	61.5	61.5	61.5	61.9	61.9	61.9	62.0	62.2	62.2	62.2
≥ 12000	56.7	62.5	62.9	63.0	63.1	63.1	63.3	63.3	63.3	63.8	63.8	63.8	63.9	64.0	64.0	64.0
≥ 10000	61.2	68.3	68.8	68.9	69.0	69.0	69.2	69.2	69.2	69.7	69.7	69.7	69.8	69.9	69.9	69.9
≥ 9000	62.9	70.0	70.5	70.6	70.8	70.8	71.0	71.0	71.0	71.4	71.4	71.4	71.5	71.6	71.6	71.6
≥ 8000	65.6	73.5	74.3	74.5	74.8	74.8	75.1	75.1	75.1	75.5	75.5	75.5	75.6	75.7	75.7	75.7
≥ 7000	69.7	78.6	79.4	79.6	79.9	79.9	80.1	80.1	80.1	80.5	80.5	80.5	80.6	80.8	80.8	80.8
≥ 6000	70.6	79.9	80.6	80.9	81.2	81.2	81.4	81.4	81.4	81.8	81.8	81.8	81.9	82.0	82.0	82.0
≥ 5000	73.3	83.1	84.1	84.3	84.6	84.6	84.8	84.8	84.8	85.3	85.3	85.3	85.4	85.5	85.5	85.5
≥ 4500	74.3	84.6	86.0	86.5	86.9	86.9	87.1	87.1	87.1	87.5	87.5	87.5	87.6	87.7	87.7	87.7
≥ 4000	74.6	85.6	87.1	87.5	88.1	88.1	88.3	88.3	88.3	88.7	88.7	88.7	88.8	88.9	88.9	88.9
≥ 3500	74.9	86.5	88.1	88.8	90.1	90.1	90.3	90.3	90.3	90.8	90.8	90.8	90.9	91.0	91.0	91.0
≥ 3000	75.1	87.2	88.8	89.8	91.3	91.3	91.5	91.5	91.5	91.9	91.9	91.9	92.0	92.2	92.2	92.2
≥ 2500	75.6	88.4	90.3	91.4	93.8	93.8	94.0	94.0	94.0	94.4	94.4	94.4	94.5	94.6	94.6	94.6
≥ 2000	76.0	89.9	91.8	93.0	95.7	95.7	95.9	95.9	95.9	96.3	96.3	96.3	96.5	96.6	96.6	96.6
≥ 1800	76.0	90.0	91.9	93.1	95.8	95.8	96.0	96.0	96.0	96.5	96.5	96.5	96.6	96.7	96.7	96.7
≥ 1500	76.0	90.1	92.2	93.3	96.2	96.2	96.5	96.6	96.6	97.0	97.0	97.0	97.1	97.2	97.2	97.2
≥ 1200	76.1	90.1	92.2	93.3	96.3	96.3	96.6	96.7	96.7	97.1	97.1	97.1	97.2	97.3	97.3	97.3
≥ 1000	76.3	90.4	92.5	93.9	97.0	97.1	97.5	97.6	97.8	98.4	98.4	98.4	98.5	98.6	98.6	98.6
≥ 900	76.3	90.4	92.5	93.9	97.0	97.1	97.6	97.7	98.0	98.5	98.5	98.5	98.6	98.7	98.7	98.7
≥ 800	76.3	90.4	92.6	94.1	97.2	97.3	98.0	98.2	98.4	98.9	98.9	98.9	99.0	99.1	99.1	99.1
≥ 700	76.3	90.4	92.6	94.2	97.5	97.6	98.3	98.5	98.7	99.2	99.2	99.2	99.4	99.5	99.5	99.5
≥ 600	76.3	90.4	92.6	94.2	97.5	97.6	98.4	98.6	98.8	99.5	99.5	99.5	99.6	99.7	99.7	99.7
≥ 500	76.3	90.4	92.6	94.2	97.5	97.6	98.4	98.6	98.8	99.5	99.5	99.5	99.6	99.7	99.7	99.7
≥ 400	76.3	90.4	92.6	94.2	97.5	97.6	98.4	98.6	98.8	99.5	99.5	99.5	99.6	99.7	99.7	99.7
≥ 300	76.3	90.4	92.6	94.2	97.5	97.6	98.4	98.6	98.8	99.5	99.5	99.5	99.6	99.8	99.8	99.8
≥ 200	76.3	90.4	92.6	94.2	97.5	97.6	98.4	98.6	98.8	99.5	99.5	99.5	99.6	99.8	99.8	99.8
≥ 100	76.3	90.4	92.6	94.2	97.5	97.6	98.6	98.8	99.0	99.7	99.7	99.7	99.8	100.0	100.0	100.0
≥ 0	76.3	90.4	92.6	94.2	97.5	97.6	98.6	98.8	99.0	99.7	99.7	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900 (HOURS (L.S.T.))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.9	43.9	44.1	44.3	44.8	44.9	45.1	45.1	45.1	45.1	45.3	45.3	45.4	45.4	45.4	45.4
≥ 20000	45.5	47.4	47.6	47.8	48.4	48.5	48.6	48.6	48.6	48.7	48.9	48.9	49.0	49.0	49.0	49.0
≥ 18000	48.6	50.6	50.9	51.2	51.8	51.9	52.0	52.0	52.0	52.2	52.4	52.4	52.5	52.5	52.5	52.5
≥ 16000	49.4	51.6	51.8	52.2	52.9	53.0	53.1	53.1	53.1	53.2	53.4	53.4	53.5	53.5	53.5	53.5
≥ 14000	49.9	52.2	52.4	52.7	53.4	53.5	53.7	53.7	53.7	53.8	54.0	54.0	54.1	54.1	54.1	54.1
≥ 12000	51.8	54.3	54.5	54.8	55.6	55.7	55.8	55.8	55.8	55.9	56.1	56.1	56.2	56.2	56.2	56.2
≥ 10000	59.1	62.6	63.1	63.3	64.1	64.2	64.3	64.3	64.3	64.4	64.6	64.6	64.7	64.7	64.7	64.7
≥ 9000	60.6	64.2	64.6	64.9	65.7	65.8	65.9	65.9	65.9	66.0	66.2	66.2	66.3	66.3	66.3	66.3
≥ 8000	66.1	70.2	70.6	71.1	72.0	72.2	72.4	72.4	72.4	72.5	72.7	72.7	72.8	72.8	72.8	72.8
≥ 7000	70.6	74.9	75.5	75.9	76.9	77.0	77.2	77.2	77.2	77.3	77.5	77.5	77.6	77.6	77.6	77.6
≥ 6000	72.0	76.9	77.4	78.1	79.0	79.1	79.4	79.5	79.5	79.6	79.8	79.8	79.9	79.9	79.9	79.9
≥ 5000	74.4	79.8	80.3	81.1	82.5	82.7	83.0	83.1	83.1	83.2	83.4	83.4	83.5	83.5	83.5	83.5
≥ 4500	76.6	82.6	83.8	84.6	86.2	86.5	86.8	86.9	86.9	87.0	87.2	87.2	87.3	87.3	87.3	87.3
≥ 4000	76.9	83.1	84.3	85.4	87.1	87.3	87.6	87.7	87.7	87.8	88.1	88.1	88.2	88.2	88.2	88.2
≥ 3500	77.1	83.4	84.6	85.8	87.5	87.7	88.2	88.3	88.3	88.4	88.6	88.6	88.7	88.7	88.7	88.7
≥ 3000	77.6	84.7	86.1	87.7	89.7	89.9	90.3	90.8	90.8	90.9	91.1	91.1	91.2	91.2	91.2	91.2
≥ 2500	78.2	85.6	87.1	88.7	90.8	91.1	91.5	92.0	92.0	92.2	92.4	92.4	92.5	92.5	92.5	92.5
≥ 2000	78.7	86.7	88.4	90.1	92.7	93.0	93.4	94.1	94.2	94.3	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1800	78.7	86.7	88.5	90.2	92.8	93.1	93.7	94.3	94.4	94.5	94.7	94.7	94.8	94.8	94.8	94.8
≥ 1500	78.8	87.1	88.9	90.6	93.7	94.1	94.6	95.4	95.5	95.6	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1200	78.8	87.2	89.1	91.0	94.0	94.4	95.3	96.1	96.5	96.6	96.8	96.8	96.9	96.9	96.9	96.9
≥ 1000	78.9	87.4	89.4	91.2	94.5	94.9	96.1	97.0	97.5	97.7	98.1	98.1	98.2	98.2	98.2	98.2
≥ 900	79.1	87.7	89.7	91.5	94.8	95.3	96.6	97.4	98.0	98.2	98.6	98.6	98.7	98.7	98.7	98.7
≥ 800	79.1	87.7	89.7	91.6	94.9	95.4	96.8	97.6	98.2	98.4	98.8	98.8	98.9	98.9	98.9	98.9
≥ 700	79.1	87.7	89.7	91.6	94.9	95.4	96.8	97.7	98.3	98.5	99.0	99.0	99.1	99.1	99.1	99.1
≥ 600	79.1	87.7	89.7	91.6	94.9	95.4	96.8	97.7	98.3	98.5	99.0	99.0	99.4	99.4	99.4	99.4
≥ 500	79.1	87.8	89.8	91.7	95.1	95.5	96.9	97.8	98.4	98.6	99.1	99.1	99.5	99.5	99.5	99.5
≥ 400	79.1	87.8	89.8	91.7	95.1	95.5	96.9	97.8	98.4	98.6	99.2	99.2	99.6	99.6	99.6	99.6
≥ 300	79.1	87.8	89.8	91.7	95.1	95.5	97.0	98.0	98.5	98.7	99.4	99.4	99.7	99.7	99.7	99.7
≥ 200	79.2	88.0	89.9	91.8	95.3	95.7	97.2	98.2	98.7	98.9	99.6	99.6	99.9	99.9	99.9	99.9
≥ 100	79.2	88.0	89.9	91.8	95.3	95.7	97.2	98.2	98.7	98.9	99.6	99.6	99.9	99.9	99.9	100.0
≥ 0	79.2	88.0	89.9	91.8	95.3	95.7	97.2	98.2	98.7	98.9	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/16	≥¼	≥0
NO CEILING	50.3	51.3	51.3	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8
≥ 20000	54.0	54.9	54.9	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5
≥ 18000	57.3	58.5	58.6	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2
≥ 16000	58.6	60.2	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.2	61.2	61.2
≥ 14000	59.2	60.9	61.0	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6
≥ 12000	62.2	63.8	63.9	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5
≥ 10000	68.4	70.0	70.3	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 9000	70.1	72.2	72.5	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1
≥ 8000	73.5	76.1	76.6	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6
≥ 7000	77.5	80.4	81.1	81.9	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.9	82.9
≥ 6000	79.0	82.4	83.0	84.0	84.7	84.8	84.9	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 5000	81.1	84.6	85.5	86.5	87.4	87.5	87.7	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 4500	81.6	85.4	86.3	87.5	88.7	88.8	89.0	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 4000	82.0	86.5	87.5	88.7	89.9	90.0	90.3	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 3500	82.5	87.1	88.2	89.6	90.8	90.9	91.2	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 3000	82.6	87.4	88.5	89.9	91.2	91.3	91.7	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 2500	82.7	88.5	90.0	91.7	93.0	93.2	93.8	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 2000	83.0	89.0	90.6	92.4	94.0	94.2	94.8	95.4	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1800	83.2	89.2	90.9	92.7	94.5	94.7	95.4	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1500	83.7	89.9	91.5	93.4	95.7	95.9	96.8	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1200	83.7	89.9	91.5	93.4	95.7	95.9	96.8	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 1000	83.8	90.0	91.6	93.5	95.8	96.1	97.2	98.5	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4
≥ 900	83.9	90.0	91.8	93.5	95.8	96.1	97.2	98.5	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4
≥ 800	83.8	90.0	91.6	93.5	95.8	96.1	97.2	98.6	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5
≥ 700	83.9	90.0	91.6	93.5	95.8	96.1	97.2	98.6	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7
≥ 600	83.8	90.0	91.6	93.5	95.8	96.1	97.2	98.6	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7
≥ 500	83.8	90.0	91.6	93.7	95.9	96.2	97.3	98.7	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.8
≥ 400	83.8	90.0	91.6	93.7	95.9	96.2	97.3	98.7	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.8
≥ 300	83.8	90.0	91.6	93.7	95.9	96.2	97.3	98.7	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.8
≥ 200	83.8	90.0	91.6	93.7	95.9	96.2	97.3	98.7	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.8
≥ 100	83.8	90.0	91.6	93.7	95.9	96.2	97.3	98.7	99.0	99.4	99.6	99.7	99.9	99.9	99.9	100.0
≥ 0	83.8	90.0	91.6	93.7	95.9	96.2	97.3	98.7	99.0	99.4	99.6	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	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
≥ 20000	57.6	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 18000	62.3	62.8	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 16000	63.2	63.8	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	63.8	64.3	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	66.5	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000	71.5	72.8	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000	73.1	74.8	74.9	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	78.8	80.8	80.9	80.9	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	82.2	84.4	84.6	84.7	85.2	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	83.4	86.3	86.7	86.8	87.2	87.2	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	84.2	87.7	88.1	88.3	89.0	89.0	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500	84.6	88.3	88.7	89.1	90.0	90.0	90.4	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	85.7	89.6	90.0	90.5	91.4	91.4	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3500	86.1	90.4	91.0	91.5	92.6	92.6	93.0	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	86.6	90.9	91.5	92.0	93.1	93.1	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	87.0	91.7	92.4	93.1	94.3	94.3	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	87.5	92.4	93.0	93.8	95.3	95.3	96.0	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	87.6	92.6	93.5	94.3	95.9	95.9	96.7	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	87.7	93.1	94.2	94.9	96.7	96.7	97.5	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	87.7	93.1	94.2	94.9	96.9	96.9	97.7	98.9	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	87.7	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	87.7	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	87.7	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	87.7	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	87.7	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	87.7	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.7	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.7	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.7	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
> 00	87.7	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.7	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 26650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	52.3	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
≥ 20000	55.3	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	61.4	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	62.5	63.0	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
≥ 14000	62.9	63.4	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
≥ 12000	65.7	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 10000	71.7	72.8	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000	73.7	75.1	75.5	75.6	75.7	75.6	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	78.4	80.1	80.6	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	81.3	83.4	84.1	84.4	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 6000	81.9	84.5	85.5	85.8	86.1	86.2	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000	83.3	86.1	87.3	88.2	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500	83.8	86.7	88.0	89.0	89.4	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	84.7	87.7	89.2	90.3	90.8	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	85.2	88.3	89.8	90.9	91.5	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	85.5	88.8	90.4	91.6	92.8	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	85.8	89.5	91.3	92.5	94.1	94.3	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	86.0	89.9	91.7	93.1	94.7	94.9	95.3	95.8	95.9	95.9	96.0	96.1	96.2	96.2	96.2	96.2
≥ 1800	86.0	89.9	91.8	93.3	95.1	95.3	95.9	96.5	96.7	96.7	96.8	96.9	97.0	97.0	97.0	97.0
≥ 1500	86.3	90.3	92.4	94.0	95.8	96.1	96.8	97.3	97.6	97.8	98.0	98.1	98.2	98.2	98.2	98.2
≥ 1200	86.3	90.4	92.5	94.1	96.0	96.3	97.0	97.5	97.8	98.1	98.3	98.4	98.5	98.5	98.5	98.5
≥ 1000	86.3	90.8	92.8	94.5	96.6	96.9	97.7	98.3	98.6	98.9	99.2	99.4	99.5	99.5	99.5	99.5
≥ 900	86.3	90.8	92.8	94.5	96.6	96.9	97.7	98.3	98.6	98.9	99.2	99.4	99.5	99.5	99.5	99.5
≥ 800	86.3	90.8	92.9	94.5	96.7	97.0	97.8	98.6	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.8
≥ 700	86.3	90.8	92.8	94.5	96.7	97.0	98.0	98.7	99.0	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 600	86.3	90.8	92.8	94.5	96.7	97.0	98.0	98.7	99.0	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 500	86.3	90.8	92.8	94.5	96.7	97.0	98.0	98.7	99.0	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 400	86.3	90.8	92.8	94.5	96.7	97.0	98.0	98.7	99.0	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 300	86.3	90.8	92.9	94.5	96.7	97.0	98.0	98.7	99.0	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 200	86.3	90.8	92.8	94.5	96.7	97.0	98.0	98.7	99.0	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	86.3	90.8	92.9	94.5	96.7	97.0	98.0	98.7	99.0	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	86.3	90.8	92.9	94.5	96.7	97.0	98.0	98.7	99.0	99.4	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.9	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	53.7	53.7
≥ 20000	53.2	55.8	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	56.0
≥ 18000	56.1	59.0	59.4	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
≥ 16000	56.9	59.8	60.1	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
≥ 14000	57.3	60.2	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000	59.5	62.9	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000	65.6	69.8	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 9000	68.5	73.0	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	72.5	77.7	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	76.8	82.9	83.8	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	77.8	84.3	85.6	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	79.4	86.3	88.2	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
≥ 4500	80.0	87.5	89.6	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4000	81.0	88.9	91.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	81.2	89.4	91.5	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	81.4	89.8	92.0	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	81.6	90.5	92.9	94.5	95.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	81.9	90.9	93.3	94.9	96.1	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	81.9	91.0	93.4	95.1	96.2	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	82.1	91.4	93.9	95.5	96.9	97.5	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	82.0	91.4	93.9	95.5	97.0	97.6	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	82.0	91.5	94.0	95.6	97.3	98.0	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	82.0	91.5	94.0	95.6	97.3	98.0	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	82.0	91.5	94.0	95.6	97.3	98.0	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	82.3	91.7	94.2	95.8	97.6	98.3	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	82.3	91.7	94.2	95.8	97.6	98.3	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	82.3	91.7	94.2	95.8	97.6	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	82.3	91.7	94.2	95.8	97.6	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	82.3	91.7	94.2	95.8	97.6	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	82.3	91.7	94.2	95.8	97.6	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.3	91.7	94.2	95.8	97.6	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	82.3	91.7	94.2	95.8	97.6	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MA (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	53.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	56.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000	58.1	64.2	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
≥ 16000	58.6	64.6	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
≥ 14000	59.0	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	60.5	66.8	67.1	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
≥ 10000	64.4	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	66.5	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000	70.0	78.7	79.3	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
≥ 7000	74.3	84.0	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 6000	75.3	85.5	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	77.1	87.9	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500	78.1	89.5	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	78.5	90.1	92.2	92.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	78.7	90.3	92.5	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	79.3	91.6	94.1	94.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	79.9	92.4	94.8	95.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	79.9	92.6	95.2	95.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	79.9	92.6	95.2	95.6	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	79.9	93.0	95.6	96.1	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	79.9	93.0	95.6	96.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	79.9	93.1	95.8	96.3	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	79.9	93.1	95.8	96.3	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	79.9	93.1	95.8	96.3	98.5	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	79.9	93.1	95.8	96.3	98.6	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	79.9	93.1	95.8	96.3	98.7	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	79.9	93.1	95.8	96.3	98.7	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	79.9	93.1	95.8	96.3	98.7	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	79.9	93.1	95.8	96.3	98.7	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	79.9	93.1	95.8	96.3	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	79.9	93.1	95.8	96.3	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.9	93.1	95.8	96.3	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL (HOURS L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.4	54.2	54.3	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	54.1	57.0	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6
≥ 18000	57.4	60.6	60.8	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
≥ 16000	58.1	61.4	61.6	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000	58.5	61.8	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6
≥ 12000	60.6	64.1	64.4	64.5	64.6	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9
≥ 10000	65.9	70.2	70.5	70.7	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1
≥ 9000	67.9	72.4	72.8	72.9	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.4
≥ 8000	71.9	77.1	77.6	77.8	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4
≥ 7000	75.9	81.6	82.2	82.5	82.9	82.9	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	77.0	83.1	83.8	84.2	84.6	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1
≥ 5000	78.8	85.4	86.4	86.9	87.5	87.6	87.7	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0
≥ 4500	79.6	86.6	87.9	88.6	89.3	89.4	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9
≥ 4000	80.3	87.6	89.0	89.7	90.5	90.6	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	80.6	88.2	89.6	90.5	91.5	91.6	91.8	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	81.3	88.9	90.5	91.5	92.7	92.8	93.0	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	81.3	89.8	91.5	92.6	94.1	94.2	94.5	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 2000	81.7	90.5	92.3	93.5	95.3	95.5	95.9	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1800	81.7	90.6	92.5	93.7	95.6	95.8	96.2	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	81.9	91.0	93.0	94.3	96.3	96.6	97.1	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	81.9	91.1	93.3	94.3	96.5	96.8	97.3	97.9	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4
≥ 1000	81.9	91.2	93.2	94.6	96.8	97.1	97.9	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 900	82.0	91.3	93.2	94.6	96.9	97.2	98.0	98.6	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 800	82.0	91.3	93.3	94.6	96.9	97.3	98.2	98.8	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 700	82.0	91.3	93.3	94.7	97.0	97.4	98.3	99.0	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7
≥ 600	82.0	91.3	93.3	94.7	97.1	97.4	98.4	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	82.0	91.3	93.3	94.7	97.1	97.4	98.4	99.1	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9
≥ 400	82.0	91.3	93.3	94.7	97.1	97.4	98.4	99.1	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 300	82.0	91.3	93.3	94.7	97.1	97.4	98.4	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	82.0	91.4	93.3	94.7	97.1	97.5	98.4	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	82.0	91.4	93.3	94.7	97.1	97.5	98.5	99.1	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	82.0	91.4	93.3	94.7	97.1	97.5	98.5	99.1	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	63.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000	67.2	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
≥ 16000	68.0	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
≥ 14000	68.2	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
≥ 12000	69.1	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 10000	72.1	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
≥ 9000	73.7	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000	77.3	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 7000	80.4	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	81.0	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	82.7	88.3	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500	84.0	90.1	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	84.7	91.1	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	85.2	91.9	92.2	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	85.3	92.3	92.7	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	85.3	92.4	93.0	93.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	85.3	92.8	93.4	94.0	95.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	85.6	93.0	93.7	94.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	85.7	93.3	94.1	94.9	96.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	85.7	93.4	94.2	95.0	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	86.0	93.9	94.7	95.6	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	86.0	93.9	94.7	95.8	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	86.0	93.9	94.7	95.8	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	86.0	93.9	94.7	95.8	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	86.2	94.2	95.1	96.1	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	86.2	94.2	95.0	96.1	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	86.2	94.2	95.0	96.1	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	86.2	94.2	95.0	96.1	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	86.2	94.2	95.0	96.1	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.2	94.2	95.1	96.1	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	86.2	94.2	95.0	96.1	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0330-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.2	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2
≥ 20000	58.0	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0
≥ 18000	60.4	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6
≥ 16000	61.6	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.7
≥ 14000	61.7	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8
≥ 12000	63.8	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0
≥ 10000	67.4	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7
≥ 9000	69.0	70.9	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.6	71.6	71.6	71.6
≥ 8000	74.3	76.4	76.8	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1
≥ 7000	79.4	81.8	82.1	82.1	82.3	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7
≥ 6000	81.3	83.8	84.1	84.1	84.3	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7
≥ 5000	83.1	85.7	86.2	86.3	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 4500	83.9	86.7	87.2	87.3	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 4000	85.1	88.4	89.0	89.3	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 3500	85.6	88.9	89.6	90.0	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 3000	86.2	89.8	90.4	91.1	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6
≥ 2500	86.7	90.7	91.4	92.2	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 2000	86.8	91.1	92.0	92.8	94.1	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 1800	86.8	91.1	92.1	92.9	94.2	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.2
≥ 1500	87.1	91.7	92.8	93.7	95.2	95.6	95.8	95.8	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.2
≥ 1200	87.6	92.2	93.4	94.4	96.0	96.7	96.7	96.7	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.1
≥ 1000	87.6	92.3	93.9	95.0	96.7	97.4	97.4	97.6	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 900	87.6	92.4	94.0	95.1	96.8	97.6	97.7	97.8	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2
≥ 800	87.6	92.4	94.0	95.1	96.8	97.6	97.7	97.8	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2
≥ 700	87.7	92.6	94.1	95.2	97.0	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.7	98.7	98.7	98.7
≥ 600	87.7	92.7	94.2	95.3	97.2	98.0	98.3	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.0
≥ 500	87.7	92.7	94.2	95.3	97.3	98.1	98.7	98.9	98.9	99.2	99.2	99.2	99.6	99.6	99.6	99.6
≥ 400	87.7	92.7	94.2	95.3	97.3	98.1	98.7	98.9	98.9	99.2	99.2	99.2	99.6	99.6	99.6	99.6
≥ 300	87.7	92.7	94.2	95.3	97.3	98.1	98.7	98.9	98.9	99.2	99.3	99.3	99.7	99.7	99.7	99.7
≥ 200	87.7	92.7	94.2	95.3	97.7	98.4	99.0	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	87.7	92.7	94.2	95.3	97.7	98.4	99.0	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	87.7	92.7	94.2	95.3	97.7	98.4	99.0	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.8	54.1	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
≥ 20000	59.1	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6
≥ 18000	61.8	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 16000	63.8	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 14000	64.4	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
≥ 12000	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
≥ 10000	71.7	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1
≥ 9000	73.7	73.9	73.9	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 8000	78.1	78.6	78.6	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
≥ 7000	81.2	81.9	81.9	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6
≥ 6000	82.3	83.0	83.0	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
≥ 5000	83.2	84.2	84.2	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 4500	83.6	84.6	84.6	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
≥ 4000	84.2	85.7	85.8	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
≥ 3500	84.6	86.1	86.3	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 3000	85.6	87.3	87.8	88.4	89.0	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.4
≥ 2500	86.1	88.3	89.0	89.8	90.4	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.0
≥ 2000	86.3	88.8	89.8	90.7	91.7	91.9	92.1	92.3	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.8
≥ 1800	86.3	88.8	89.8	90.7	91.7	91.9	92.1	92.3	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.9
≥ 1500	86.6	89.3	90.4	91.3	92.3	92.6	92.8	93.0	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.6
≥ 1200	87.0	90.4	91.6	92.7	93.8	94.0	94.2	94.4	94.6	94.7	94.9	94.9	94.9	94.9	94.9	95.0
≥ 1000	87.0	90.9	92.7	93.9	95.1	95.3	95.7	96.1	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.7
≥ 900	87.2	91.3	93.1	94.3	95.6	95.8	96.1	96.6	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.2
≥ 800	87.3	91.7	93.4	94.9	96.1	96.3	96.7	97.1	97.2	97.4	97.9	97.9	97.9	97.9	97.9	98.0
≥ 700	87.4	91.8	93.6	95.1	96.4	96.7	97.0	97.4	97.6	98.0	98.4	98.4	98.4	98.4	98.4	98.6
≥ 600	87.4	91.9	93.7	95.2	96.6	96.8	97.2	97.9	98.0	98.6	99.0	99.1	99.1	99.1	99.1	99.2
≥ 500	87.4	92.0	93.8	95.3	96.7	96.9	97.3	98.0	98.1	98.8	99.2	99.3	99.6	99.6	99.7	99.8
≥ 400	87.4	92.0	93.8	95.3	96.7	96.9	97.3	98.0	98.1	98.8	99.2	99.3	99.6	99.6	99.7	99.8
≥ 300	87.4	92.0	93.8	95.3	96.8	97.0	97.4	98.1	98.2	98.9	99.3	99.4	99.7	99.7	99.8	99.9
≥ 200	87.4	92.0	93.8	95.3	96.9	97.1	97.6	98.2	98.3	99.0	99.4	99.6	99.8	99.8	99.9	100.0
≥ 100	87.4	92.0	93.8	95.3	96.9	97.1	97.6	98.2	98.3	99.0	99.4	99.6	99.8	99.8	99.9	100.0
≥ 0	87.4	92.0	93.8	95.3	96.9	97.1	97.6	98.2	98.3	99.0	99.4	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-62 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1170 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 14000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	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	72.4
≥ 10000	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 9000	77.9	78.0	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	78.2
≥ 8000	81.6	81.9	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	83.4	83.8	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 6000	83.9	84.1	84.6	84.6	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 5000	85.0	85.4	85.9	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	85.2	85.7	86.1	86.1	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000	86.2	87.1	87.6	87.6	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	86.8	87.9	88.3	88.3	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3000	87.2	88.9	89.4	89.6	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	88.2	90.1	90.8	91.2	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	88.7	90.9	91.7	92.1	92.7	92.7	93.1	93.1	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	88.9	91.1	91.9	92.3	92.9	92.9	93.3	93.3	93.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	89.3	92.1	93.0	93.6	94.1	94.1	94.7	94.8	94.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	89.7	93.0	94.0	94.6	95.1	95.3	96.0	96.1	96.2	96.6	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	90.0	93.4	94.6	95.2	95.9	96.1	96.8	96.9	97.0	97.3	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	90.2	93.8	94.9	95.6	96.2	96.4	97.1	97.2	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	90.4	94.0	95.1	95.9	96.6	96.9	97.6	97.7	97.8	98.1	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	90.6	94.2	95.3	96.2	96.9	97.2	98.0	98.1	98.2	98.6	99.1	99.2	99.2	99.2	99.2	99.2
≥ 600	90.6	94.3	95.4	96.3	97.1	97.4	98.2	98.3	98.4	98.8	99.4	99.6	99.6	99.6	99.6	99.6
≥ 500	90.6	94.3	95.4	96.4	97.2	97.6	98.3	98.4	98.6	98.9	99.6	99.7	99.8	99.9	99.9	99.9
≥ 400	90.6	94.3	95.4	96.4	97.2	97.7	98.4	98.6	98.7	99.0	99.7	99.8	99.9	100.0	100.0	100.0
≥ 300	90.6	94.3	95.4	96.4	97.2	97.7	98.4	98.6	98.7	99.0	99.7	99.8	99.9	100.0	100.0	100.0
≥ 200	90.6	94.3	95.4	96.4	97.2	97.7	98.4	98.6	98.7	99.0	99.7	99.8	99.9	100.0	100.0	100.0
≥ 100	90.6	94.3	95.4	96.4	97.2	97.7	98.4	98.6	98.7	99.0	99.7	99.8	99.9	100.0	100.0	100.0
≥ 0	90.6	94.3	95.4	96.4	97.2	97.7	98.4	98.6	98.7	99.0	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7:2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.7	52.8	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	52.9
≥ 20000	60.8	60.9	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	61.0
≥ 18000	64.7	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	64.9	64.9
≥ 16000	67.4	67.6	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	67.7
≥ 14000	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	75.4	75.6	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
≥ 9000	77.6	77.7	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
≥ 8000	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 7000	83.3	83.8	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
≥ 6000	83.9	84.3	84.4	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
≥ 5000	86.8	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	87.4	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	89.1	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	90.2	91.1	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	90.9	92.0	92.4	92.4	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	91.1	92.3	92.9	92.9	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	91.7	93.3	94.0	94.0	94.3	94.7	94.7	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	92.0	93.7	94.3	94.3	94.7	95.0	95.0	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	92.7	94.7	95.7	95.9	96.2	96.6	96.9	97.1	97.2	97.3	97.4	97.4	97.5	97.7	97.7	97.7
≥ 1200	92.7	94.7	95.8	96.2	96.6	96.9	97.4	97.7	97.9	98.1	98.2	98.2	98.4	98.4	98.4	98.4
≥ 1000	92.8	94.9	96.0	96.7	97.0	97.3	97.9	98.1	98.3	98.6	98.7	98.7	98.9	98.9	98.9	98.9
≥ 900	92.8	95.0	96.1	96.9	97.2	97.6	98.1	98.4	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2
≥ 800	92.8	95.1	96.2	97.1	97.4	97.8	98.3	98.7	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4
≥ 700	92.8	95.1	96.2	97.1	97.4	97.9	98.4	98.8	99.0	99.2	99.3	99.3	99.6	99.6	99.6	99.6
≥ 600	92.8	95.1	96.2	97.1	97.6	98.0	98.6	98.9	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9
≥ 500	92.8	95.1	96.2	97.1	97.6	98.0	98.6	98.9	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0
≥ 400	92.8	95.1	96.2	97.1	97.6	98.0	98.6	98.9	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0
≥ 300	92.8	95.1	96.2	97.1	97.6	98.0	98.6	98.9	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0
≥ 200	92.8	95.1	96.2	97.1	97.6	98.0	98.6	98.9	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0
≥ 100	92.8	95.1	96.2	97.1	97.6	98.0	98.6	98.9	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0
≥ 0	92.8	95.1	96.2	97.1	97.6	98.0	98.6	98.9	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	57.8	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
≥ 18000	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	64.7	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	65.0	65.0
≥ 14000	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	68.4	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	68.8	68.8
≥ 10000	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000	75.8	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	76.1	76.1
≥ 8000	81.7	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	82.0
≥ 7000	83.3	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
≥ 6000	83.8	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	84.1	84.1
≥ 5000	87.4	87.8	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	88.7	89.0	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4000	90.9	91.2	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	92.2	92.6	92.8	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	93.0	93.6	93.8	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	93.4	94.2	94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	93.9	94.8	95.1	95.4	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	94.0	94.9	95.2	95.6	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	94.3	95.3	95.7	96.3	96.8	96.8	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	94.3	95.4	96.0	96.8	97.3	97.3	97.3	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	94.3	95.8	96.6	97.3	98.1	98.1	98.1	98.3	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	94.3	95.9	96.7	97.4	98.2	98.2	98.2	98.6	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 800	94.3	95.9	96.7	97.4	98.2	98.2	98.2	98.6	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 700	94.3	95.9	96.7	97.6	98.4	98.4	98.4	98.8	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	94.3	95.9	96.7	97.6	98.6	98.6	98.6	98.9	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	94.3	95.9	96.7	97.6	98.6	98.6	98.6	98.9	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	94.3	95.9	96.7	97.6	98.6	98.6	98.6	98.9	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	94.3	95.9	96.7	97.6	98.6	98.6	98.6	98.9	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	94.3	95.9	96.7	97.6	98.6	98.6	98.6	98.9	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	94.3	95.9	96.7	97.6	98.6	98.6	98.6	98.9	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	94.3	95.9	96.7	97.6	98.6	98.6	98.6	98.9	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	57.0	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
≥ 18000	62.9	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
≥ 16000	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 14000	65.0	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
≥ 12000	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
≥ 10000	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 9000	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	82.4	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
≥ 7000	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	85.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	87.9	89.2	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
≥ 4500	88.9	90.4	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
≥ 4000	90.3	92.0	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
≥ 3500	91.4	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	91.9	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	92.1	93.9	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	92.2	94.2	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	92.2	94.2	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	92.9	94.9	95.3	95.6	96.0	96.0	96.2	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	93.2	95.2	95.8	96.0	96.4	96.4	96.9	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	93.2	95.7	96.4	96.7	97.2	97.6	98.1	98.8	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	93.2	95.7	96.4	96.7	97.3	97.7	98.2	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	93.2	95.7	96.4	96.7	97.3	97.7	98.2	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	93.2	95.7	96.4	96.7	97.4	97.9	98.4	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	93.2	95.7	96.4	96.7	97.4	97.9	98.4	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	93.2	95.7	96.4	96.7	97.4	97.9	98.4	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	93.2	95.7	96.4	96.7	97.6	98.0	98.6	99.2	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	93.2	95.7	96.4	96.7	97.6	98.0	98.6	99.2	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	93.2	95.7	96.4	96.7	97.6	98.0	98.6	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.2	95.7	96.4	96.7	97.6	98.0	98.6	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.2	95.7	96.4	96.7	97.6	98.0	98.6	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.6	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	63.3	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
≥ 18000	67.3	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	67.8	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	70.7	70.7
≥ 14000	68.3	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	69.3	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
≥ 10000	72.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	76.0	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
≥ 8000	80.3	83.8	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
≥ 7000	82.8	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	83.6	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	86.0	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500	86.6	90.7	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000	87.0	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	88.0	92.1	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
≥ 3000	88.1	92.6	92.7	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	88.1	92.9	93.4	93.6	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	88.3	93.2	93.9	94.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	88.3	93.3	94.0	94.2	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	88.7	93.7	94.4	95.0	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	89.0	94.3	95.1	95.8	97.4	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	89.2	94.7	95.4	96.1	98.0	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	89.2	94.7	95.4	96.1	98.0	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	89.3	94.8	95.6	96.2	98.1	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	89.3	94.8	95.6	96.2	98.3	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
> 600	89.4	94.9	95.7	96.3	98.4	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	89.4	95.1	95.9	96.6	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	89.4	95.1	95.9	96.6	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	89.4	95.1	95.9	96.6	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	89.4	95.1	95.9	96.6	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.4	95.1	95.9	96.6	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.4	95.1	95.9	96.6	98.9	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 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 255C (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

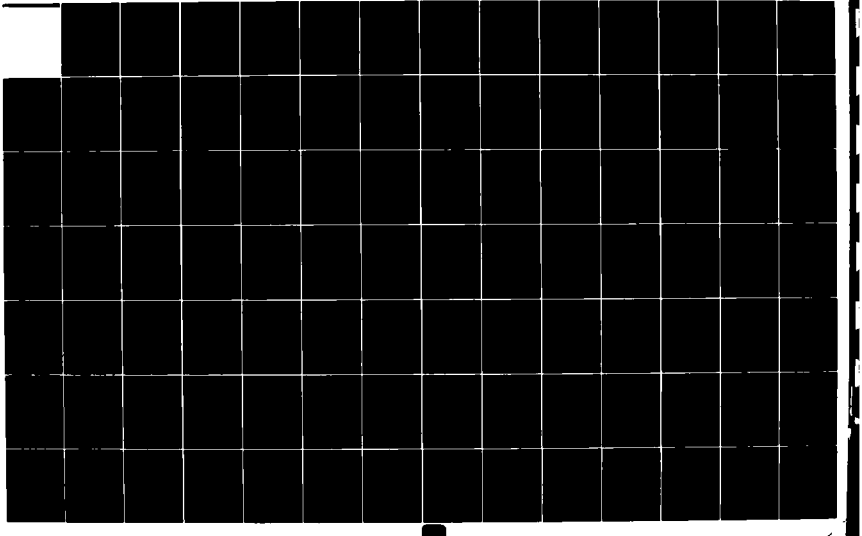
ALL (HOURS LST)

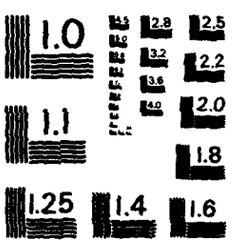
CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥0	
NO CEILING	54.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.
≥ 20000	60.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.
≥ 18000	64.3	65.6	65.6	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.
≥ 16000	65.9	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	67.2	67.
≥ 14000	66.4	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.
≥ 12000	68.3	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	69.7	69.
≥ 10000	72.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.
≥ 9000	75.2	76.3	76.4	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.
≥ 8000	79.7	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.
≥ 7000	82.3	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.
≥ 6000	83.1	84.9	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.
≥ 5000	85.3	87.2	87.4	87.5	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.
≥ 4500	86.0	88.2	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.
≥ 4000	87.2	89.6	89.8	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.
≥ 3500	88.0	90.5	90.9	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.
≥ 3000	88.5	91.3	91.6	91.9	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.
≥ 2500	88.9	91.9	92.4	92.7	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.
≥ 2000	89.2	92.4	93.1	93.5	94.3	94.4	94.5	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.
≥ 1800	89.3	92.5	93.2	93.6	94.5	94.7	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.
≥ 1500	89.7	93.1	93.9	94.5	95.5	95.7	95.8	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.
≥ 1200	89.9	93.6	94.5	95.2	96.2	96.4	96.7	96.8	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.
≥ 1000	90.0	93.9	95.0	95.8	97.0	97.3	97.7	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.
≥ 900	90.1	94.1	95.2	96.0	97.2	97.5	97.9	98.2	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.
≥ 800	90.1	94.2	95.3	96.1	97.3	97.7	98.1	98.3	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.
≥ 700	90.2	94.2	95.3	96.2	97.5	97.9	98.3	98.6	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.
≥ 600	90.2	94.3	95.4	96.3	97.7	98.1	98.5	98.8	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.
≥ 500	90.2	94.4	95.5	96.4	97.8	98.2	98.6	98.9	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.
≥ 400	90.2	94.4	95.5	96.4	97.8	98.2	98.7	99.0	99.1	99.4	99.6	99.6	99.8	99.8	99.8	99.
≥ 300	90.2	94.4	95.5	96.4	97.8	98.3	98.7	99.0	99.1	99.5	99.7	99.7	99.8	99.8	99.9	99.
≥ 200	90.2	94.4	95.5	96.4	97.9	98.3	98.8	99.1	99.2	99.6	99.8	99.8	99.9	100.0	100.0	100.
≥ 100	90.2	94.4	95.5	96.4	97.9	98.3	98.8	99.1	99.2	99.6	99.8	99.8	99.9	100.0	100.0	100.
≥ 0	90.2	94.4	95.5	96.4	97.9	98.3	98.8	99.1	99.2	99.6	99.8	99.8	99.9	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 720

AD-A134 198 EIELSON AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 22 JUL 83 3/6

UNCLASSIFIED USAFETAC/DS-83/027 SBI-AD-E850 416 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	53.2	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	58.8	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	64.4	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 16000	64.5	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	65.5	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 12000	67.8	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 10000	74.0	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
≥ 9000	76.0	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
≥ 8000	82.4	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	85.2	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	87.3	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	89.7	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	91.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000	94.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	95.5	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000	96.2	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	96.3	97.6	97.6	97.6	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	96.5	97.8	97.8	98.0	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	96.5	97.8	97.8	98.0	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	96.6	98.3	98.3	98.5	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	96.6	98.3	98.3	98.5	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	96.6	98.3	98.3	98.5	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	96.6	98.3	98.3	98.5	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	96.6	98.3	98.3	98.5	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	96.6	98.3	98.3	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	96.9	98.6	98.6	98.8	99.5	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	96.9	98.6	98.6	98.8	99.5	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	96.9	98.6	98.6	98.8	99.5	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	96.9	98.6	98.6	98.8	99.5	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.9	98.6	98.6	98.8	99.5	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.9	98.6	98.6	98.8	99.5	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.9	98.6	98.6	98.8	99.5	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	48.0	48.1	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.7	48.8
≥ 20000	54.5	54.6	54.7	54.7	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.2
≥ 18000	57.4	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.1
≥ 16000	57.5	57.6	57.7	57.7	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.2
≥ 14000	58.0	58.1	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.7	58.8
≥ 12000	61.4	61.5	61.6	61.6	61.8	61.8	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.2	62.3
≥ 10000	72.3	72.4	72.6	72.6	72.8	72.8	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.2	73.3
≥ 9000	74.2	74.6	74.7	74.7	74.9	74.9	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.3	75.5
≥ 8000	78.9	79.4	79.5	79.5	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.2	80.3
≥ 7000	83.2	83.7	83.9	83.9	84.1	84.1	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.5	84.6
≥ 6000	84.4	85.0	85.1	85.1	85.4	85.4	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.9
≥ 5000	88.3	89.0	89.1	89.1	89.3	89.3	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.8	89.9
≥ 4500	89.7	90.4	90.5	90.5	90.7	90.7	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.3
≥ 4000	91.7	92.6	92.8	92.8	93.0	93.0	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.4	93.5
≥ 3500	92.8	93.8	94.0	94.0	94.2	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.6	94.7
≥ 3000	94.4	95.8	96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.7	96.8
≥ 2500	94.5	95.9	96.2	96.2	96.4	96.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.9	97.0
≥ 2000	95.0	96.6	96.9	96.9	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.5	97.6
≥ 1800	95.0	96.6	96.9	96.9	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.5	97.6
≥ 1500	95.2	96.8	97.2	97.2	97.6	97.6	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.3
≥ 1200	95.5	97.1	97.5	97.5	98.1	98.1	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.7
≥ 1000	95.6	97.3	97.7	97.7	98.3	98.3	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.9
≥ 900	95.6	97.3	97.7	97.7	98.3	98.3	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.9
≥ 800	95.6	97.3	97.7	97.7	98.3	98.3	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.9
≥ 700	95.6	97.3	97.7	97.8	98.4	98.4	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.4
≥ 600	95.6	97.3	97.7	97.8	98.4	98.4	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.4
≥ 500	95.7	97.6	98.1	98.2	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.7
≥ 400	95.7	97.6	98.1	98.2	98.7	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 300	95.7	97.6	98.1	98.2	98.7	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 200	95.7	97.6	98.1	98.2	98.7	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 100	95.7	97.6	98.1	98.2	98.7	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0	95.7	97.6	98.1	98.2	98.7	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	49.1	49.1	49.1	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.5	49.5	49.6	49.6
≥ 20000	57.5	57.5	57.5	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.9	57.9	58.0	58.0	58.1	58.1
≥ 18000	62.0	62.0	62.0	62.0	62.1	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.5	62.5	62.6	62.6
≥ 16000	62.3	62.3	62.3	62.3	62.4	62.4	62.6	62.6	62.6	62.6	62.8	62.8	62.9	62.9	63.0	63.0
≥ 14000	63.0	63.0	63.0	63.0	63.1	63.1	63.3	63.3	63.3	63.3	63.4	63.4	63.5	63.5	63.6	63.6
≥ 12000	65.6	65.6	65.6	65.6	65.7	65.8	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3	66.4	66.4
≥ 10000	74.1	74.1	74.1	74.1	74.2	74.3	74.6	74.6	74.6	74.6	74.7	74.7	74.8	74.8	74.9	74.9
≥ 9000	76.7	76.7	76.7	76.7	77.0	77.1	77.4	77.4	77.4	77.4	77.5	77.5	77.6	77.6	77.7	77.7
≥ 8000	81.1	81.2	81.2	81.2	81.4	81.5	81.8	81.8	81.8	81.8	81.9	81.9	82.0	82.0	82.1	82.1
≥ 7000	83.5	83.6	83.7	83.7	84.0	84.1	84.4	84.4	84.4	84.4	84.5	84.5	84.6	84.6	84.7	84.7
≥ 6000	84.8	84.9	85.0	85.0	85.3	85.4	85.7	85.7	85.7	85.7	85.8	85.8	85.9	85.9	86.0	86.0
≥ 5000	88.4	88.6	88.7	88.7	88.9	89.0	89.3	89.3	89.3	89.3	89.5	89.5	89.6	89.6	89.7	89.7
≥ 4500	89.3	89.6	89.7	89.7	89.9	90.0	90.3	90.3	90.3	90.3	90.4	90.4	90.5	90.5	90.6	90.6
≥ 4000	90.3	90.6	90.7	90.7	91.0	91.1	91.4	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.7	91.7
≥ 3500	92.1	92.4	92.5	92.5	92.7	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.3	93.3	93.4	93.4
≥ 3000	93.6	94.0	94.1	94.1	94.3	94.4	94.7	94.7	94.7	94.7	94.8	94.8	94.9	94.9	95.0	95.0
≥ 2500	94.4	95.3	95.4	95.4	95.6	95.7	96.0	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.3	96.3
≥ 2000	94.5	95.4	95.6	95.7	95.9	96.0	96.3	96.3	96.3	96.3	96.4	96.4	96.6	96.6	96.7	96.7
≥ 1800	94.7	95.6	95.8	95.9	96.1	96.2	96.6	96.6	96.6	96.6	96.7	96.7	96.8	96.8	96.9	96.9
≥ 1600	95.0	96.2	96.6	96.7	96.9	97.0	97.3	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.6	97.6
≥ 1200	95.3	96.7	97.1	97.2	97.4	97.5	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.4	98.4
≥ 1000	95.5	97.1	97.5	97.6	97.8	98.0	98.5	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.8	98.8
≥ 900	95.5	97.1	97.6	97.7	98.0	98.1	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.9	98.9
≥ 800	95.5	97.1	97.6	97.7	98.0	98.1	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.9	98.9
≥ 700	95.5	97.1	97.6	97.7	98.2	98.3	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.1	99.1
≥ 600	95.6	97.3	97.8	98.0	98.4	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.4	99.4
≥ 500	95.6	97.5	98.1	98.2	98.6	98.7	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 400	95.6	97.5	98.1	98.2	98.7	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	95.6	97.5	98.1	98.2	98.7	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	95.6	97.5	98.1	98.2	98.7	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	95.6	97.5	98.1	98.2	98.7	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	95.6	97.5	98.1	98.2	98.7	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 16000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	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	65.8	65.8	65.8
≥ 12000	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
≥ 10000	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	76.1	76.1	76.1
≥ 9000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	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
≥ 5000	87.1	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	88.2	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	90.2	90.4	90.5	90.5	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 3500	91.8	92.0	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 3000	93.3	93.8	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 2500	94.0	94.7	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 2000	94.4	95.6	95.7	95.7	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1800	94.5	95.7	95.8	95.8	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5
≥ 1500	95.1	96.2	96.3	96.3	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1200	95.5	97.0	97.1	97.1	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1000	96.0	98.0	98.2	98.3	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 900	96.1	98.2	98.4	98.5	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 800	96.1	98.2	98.4	98.5	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 700	96.3	98.5	98.7	98.8	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	96.3	98.6	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	96.5	98.7	99.3	99.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	96.5	98.7	99.0	99.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	96.5	98.7	99.0	99.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	96.5	98.7	99.0	99.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	96.5	98.7	99.0	99.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	96.5	98.7	99.0	99.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7(2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 9000	67.1	67.1	67.1	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
≥ 8000	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 7000	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	76.2	76.3	76.3	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
≥ 5000	81.8	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	84.4	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	90.0	90.5	90.8	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	91.8	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	94.1	94.7	94.9	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	95.2	96.0	96.2	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	95.9	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	96.1	97.3	97.5	97.6	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	97.0	98.4	98.6	98.7	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	97.2	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.3	98.7	99.2	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	97.4	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.4	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.4	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7:2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 20000	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
≥ 18000	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	51.4	51.4	51.4
≥ 16000	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
≥ 14000	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 12000	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	56.2	56.2	56.2
≥ 10000	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	63.5	63.5
≥ 9000	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	67.4
≥ 8000	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000	75.4	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
≥ 6000	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	82.5	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
≥ 4500	84.9	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
≥ 4000	92.4	92.8	92.8	92.8	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	94.2	94.6	94.6	94.6	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	96.5	97.1	97.1	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	97.5	98.3	98.3	98.3	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	98.3	99.1	99.1	99.1	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	98.3	99.1	99.1	99.1	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.3	99.1	99.1	99.1	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.4	99.2	99.2	99.2	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.4	99.2	99.4	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.4	99.4	99.5	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.4	99.4	99.5	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.4	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.4	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.4	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.4	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.4	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.4	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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	57.6	57.6	57.6
≥ 12000	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
≥ 10000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000	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	70.0
≥ 8000	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	77.5	77.5	77.5
≥ 7000	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	81.8	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
≥ 5000	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	90.6	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	91.1
≥ 4000	95.7	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
≥ 3500	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	98.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.6	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	52.8	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
≥ 18000	58.5	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	58.9
≥ 16000	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 14000	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 12000	63.2	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	63.7
≥ 10000	68.7	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	69.1
≥ 9000	71.2	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
≥ 8000	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 7000	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	84.0	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	84.8	84.8
≥ 5000	88.3	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
≥ 4500	90.6	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	91.9	91.9
≥ 4000	94.4	95.7	95.7	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
≥ 3500	95.8	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
≥ 3000	96.5	97.8	97.8	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
≥ 2500	96.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	97.2	99.2	99.2	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
≥ 1800	97.2	99.2	99.2	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
≥ 1500	97.2	99.2	99.2	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
≥ 1200	97.2	99.2	99.2	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
≥ 1000	97.2	99.2	99.2	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
≥ 900	97.2	99.2	99.2	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
≥ 800	97.2	99.2	99.2	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
≥ 700	97.2	99.2	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
≥ 600	97.2	99.2	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
≥ 500	97.2	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.2	99.2	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.2	99.2	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.2	99.2	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.2	99.2	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.2	99.2	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10L 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	45.2	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5
≥ 20000	52.8	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	58.9	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3
≥ 14000	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2
≥ 12000	62.3	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7
≥ 10000	69.9	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 9000	72.7	72.8	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1
≥ 8000	78.3	78.6	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9
≥ 7000	81.1	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	86.7	87.2	87.2	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 4500	88.7	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	92.4	93.0	93.1	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 3500	93.9	94.6	94.7	94.7	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 3000	95.3	96.2	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 2500	95.9	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 2000	96.3	97.5	97.6	97.6	97.8	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	96.3	97.6	97.7	97.7	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1500	96.6	98.0	98.1	98.2	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 1200	96.7	98.2	98.3	98.4	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 1000	96.9	98.4	98.6	98.7	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 900	96.9	98.5	98.7	98.8	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 800	96.9	98.5	98.7	98.8	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 700	96.9	98.5	98.7	98.9	99.2	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	97.0	98.6	98.8	98.9	99.3	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	97.0	98.7	98.9	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	97.0	98.7	98.9	99.0	99.4	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.0	98.7	98.9	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	97.0	98.7	98.9	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	97.0	98.7	98.9	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	97.0	98.7	98.9	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.9	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
≥ 20000	41.3	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 18000	45.1	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
≥ 16000	45.4	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 14000	46.1	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 12000	49.1	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 10000	57.3	58.6	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
≥ 9000	61.1	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000	70.0	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 7000	75.7	77.2	77.3	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
≥ 6000	78.7	80.2	80.3	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
≥ 5000	86.0	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
≥ 4500	87.1	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 4000	88.8	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 3500	90.2	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 3000	91.9	95.0	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 2500	92.2	95.6	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6
≥ 2000	92.3	96.1	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 1800	92.3	96.2	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 1500	92.7	96.7	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 1700	92.9	97.1	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 1000	93.0	97.3	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 900	93.1	97.4	98.2	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 800	93.1	97.4	98.2	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 700	93.2	97.6	98.4	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 600	93.2	97.6	98.4	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 500	93.3	97.8	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 400	93.3	97.8	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	93.3	97.8	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	93.3	97.8	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100	93.3	97.8	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
0	93.3	97.8	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	35.3	36.0	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 20000	40.1	41.2	41.3	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 18000	42.4	43.7	43.8	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 16000	43.0	44.2	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 14000	44.3	45.2	45.3	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 12000	46.6	47.8	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 10000	52.9	54.3	54.6	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
≥ 9000	57.7	59.8	60.1	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
≥ 8000	66.6	68.8	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	73.1	75.4	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	76.7	79.0	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 5000	82.3	85.2	85.6	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
≥ 4500	83.7	87.1	87.4	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	86.2	89.9	90.2	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	87.1	91.0	91.6	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	88.7	93.2	93.9	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	88.7	93.6	94.2	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	88.8	93.7	94.3	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	88.8	93.7	94.3	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	88.8	93.7	94.7	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	89.0	93.9	94.9	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	89.3	94.8	96.0	96.4	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	89.3	94.8	96.0	96.4	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	89.4	94.9	96.3	96.8	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	89.7	95.3	96.8	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	89.8	95.6	97.0	97.4	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	90.0	95.8	97.2	97.7	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	90.0	96.0	97.8	98.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	90.0	96.0	97.8	98.2	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.7	99.7	99.7
≥ 200	90.1	96.0	97.8	98.2	98.8	98.8	99.1	99.1	99.1	99.2	99.3	99.3	99.7	100.0	100.0	100.0
≥ 100	90.0	96.0	97.8	98.2	98.8	98.8	99.1	99.1	99.1	99.2	99.3	99.3	99.7	100.0	100.0	100.0
≥ 0	90.0	96.0	97.8	98.2	98.8	98.8	99.1	99.1	99.1	99.2	99.3	99.3	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-62 YEARS — JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOUR LST

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	35.4	36.1	36.4	36.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000	41.7	42.4	42.9	43.3	43.8	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 18000	45.1	45.9	46.3	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 16000	45.7	46.4	46.9	47.3	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 14000	46.3	47.1	47.6	48.0	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 12000	49.1	49.9	50.3	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 10000	55.6	56.6	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 9000	60.0	61.4	61.9	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	68.0	69.6	70.0	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 7000	71.3	72.9	73.3	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 6000	75.3	76.8	77.2	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	78.2	80.2	80.8	81.2	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	79.6	82.0	82.6	83.0	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	81.8	84.4	85.1	85.6	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	82.2	85.1	85.8	86.2	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	84.1	88.2	89.1	89.6	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	84.2	88.6	89.6	90.0	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	85.0	89.4	90.4	90.9	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	85.1	89.6	90.6	91.0	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	86.0	90.7	91.7	92.1	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	87.2	92.2	93.4	93.9	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	87.8	93.4	94.7	95.2	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	88.0	93.7	95.0	95.6	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	88.1	93.9	95.8	96.1	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	88.6	94.4	96.2	96.8	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	88.9	95.2	97.1	97.6	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	89.1	95.6	97.3	98.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	89.1	95.8	97.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 300	89.1	95.8	97.6	98.3	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	89.1	95.8	97.6	98.3	99.4	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	89.1	95.8	97.6	98.3	99.4	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	89.1	95.8	97.6	98.3	99.4	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	36.4	36.4	36.7	37.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000	43.4	43.4	43.7	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
≥ 18000	48.1	48.4	48.7	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 16000	49.1	49.4	49.7	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 14000	50.4	50.8	51.0	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 12000	53.1	53.4	53.7	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 10000	58.1	58.8	59.0	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	62.1	63.1	63.3	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000	68.6	69.8	70.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	70.3	71.6	71.8	72.1	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	71.4	72.7	72.9	73.2	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	74.8	76.1	76.3	76.7	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4500	76.8	78.2	78.6	78.9	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	80.2	81.9	82.3	82.7	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	81.2	83.1	83.7	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	83.2	86.1	86.7	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500	84.8	88.0	88.7	89.0	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	87.1	90.8	91.4	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
≥ 1800	87.6	91.2	92.0	92.4	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	88.9	93.2	94.0	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	89.2	94.1	95.1	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	89.8	95.7	96.7	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	89.9	95.9	97.1	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	90.1	96.8	98.1	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	90.1	97.0	98.4	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	90.2	97.1	98.6	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	90.3	97.3	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.3	97.3	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.3	97.3	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.3	97.3	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.3	97.3	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.3	97.3	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.3	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 20000	39.4	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 18000	44.3	45.0	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 16000	45.4	46.1	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
≥ 14000	46.1	46.8	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 12000	48.3	49.0	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 10000	52.6	53.3	53.6	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 9000	56.2	57.1	57.3	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 8000	63.7	64.6	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 7000	66.3	67.2	67.4	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 6000	68.3	69.2	69.4	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	74.8	75.7	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4500	78.3	79.3	79.6	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	79.9
≥ 4000	83.7	84.9	85.1	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500	87.2	88.4	88.7	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	90.1	91.7	91.9	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	91.7	93.4	93.7	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	92.8	94.8	95.0	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	92.9	94.9	95.1	95.3	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	93.3	95.8	96.2	96.4	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	93.8	96.2	96.8	97.0	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	94.1	97.1	97.8	98.1	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	94.1	97.2	97.9	98.2	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	94.3	97.4	98.1	98.6	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	94.3	97.9	98.6	99.0	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	94.3	97.9	98.6	99.0	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	94.3	97.9	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.3	97.9	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.3	97.9	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.3	97.9	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.3	97.9	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.3	97.9	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 20000	36.4	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
≥ 18000	41.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 16000	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	42.7	42.7
≥ 14000	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 12000	45.3	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 10000	52.2	52.8	52.8	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
≥ 9000	57.3	57.9	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 8000	67.3	68.1	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	72.6	73.3	73.6	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	76.1	76.9	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	81.4	82.2	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	85.0	85.9	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	89.3	90.2	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	91.3	92.2	92.8	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
≥ 3000	94.3	95.3	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	95.1	96.1	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	95.9	97.1	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	95.9	97.2	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	96.4	97.9	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	96.6	98.4	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	96.7	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	96.7	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	96.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.3	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 20000	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 18000	45.1	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 16000	46.8	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 14000	47.2	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	47.9
≥ 12000	49.7	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	50.3	50.3
≥ 10000	59.9	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	60.8
≥ 9000	64.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000	72.4	73.7	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
≥ 7000	78.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	80.8	82.1	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
≥ 5000	86.6	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	88.2	89.9	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	90.3
≥ 4000	91.8	93.4	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
≥ 3500	93.7	95.3	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
≥ 3000	95.2	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500	96.2	98.6	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
≥ 2000	96.4	99.0	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
≥ 1800	96.4	99.0	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
≥ 1500	96.4	99.1	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
≥ 1200	96.4	99.1	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
≥ 1000	96.4	99.1	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
≥ 900	96.4	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	96.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.3	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 20000	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 18000	48.7	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
≥ 16000	49.8	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
≥ 14000	50.0	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
≥ 12000	53.3	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
≥ 10000	63.8	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
≥ 9000	67.4	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
≥ 8000	74.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	80.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	82.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	88.4	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
≥ 4500	90.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	92.9	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	94.7	94.7
≥ 3500	93.7	95.6	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
≥ 3000	95.2	97.6	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	97.8
≥ 2500	96.0	98.4	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
≥ 2000	96.1	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
≥ 1800	96.1	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
≥ 1500	96.1	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
≥ 1200	96.2	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
≥ 1000	96.2	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
≥ 900	96.2	99.2	99.6	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
≥ 800	96.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	96.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — JUN MONTH

ALL HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥⅝	≥½	≥0
NO CEILING	33.5	33.9	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 20000	40.8	41.3	41.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 18000	45.0	45.8	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 16000	45.9	46.7	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 14000	46.6	47.4	47.5	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 12000	49.4	50.1	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 10000	56.5	57.5	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 9000	60.7	62.0	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000	68.9	70.3	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 7000	73.5	74.9	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	76.2	77.6	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	81.6	83.1	83.4	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	83.7	85.5	85.8	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	86.8	88.8	89.2	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	88.3	90.5	90.9	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	90.1	93.1	93.6	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	91.1	94.0	94.6	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	91.8	94.9	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	91.9	95.0	95.6	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	92.3	95.7	96.4	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	92.7	96.3	97.0	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	92.9	96.9	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 900	93.0	97.0	97.9	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	93.1	97.3	98.2	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 700	93.2	97.5	98.5	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	93.2	97.7	98.6	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	93.3	97.8	98.8	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	93.3	97.8	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	93.3	97.8	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	93.3	97.8	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	93.3	97.8	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	93.3	97.8	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	40.8	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 20000	46.1	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9
≥ 18000	49.0	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9
≥ 16000	49.7	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5
≥ 14000	50.0	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9
≥ 12000	53.7	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5
≥ 10000	59.7	60.3	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	60.5
≥ 9000	62.3	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 8000	72.0	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7
≥ 7000	76.9	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
≥ 6000	79.4	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
≥ 5000	83.3	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1
≥ 4500	84.8	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0
≥ 4000	87.4	90.5	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
≥ 3500	88.8	92.2	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 3000	90.5	94.1	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 2500	90.8	94.6	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6
≥ 2000	90.9	95.2	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5
≥ 1800	90.9	95.5	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 1500	91.1	95.7	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 1200	91.1	95.9	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 1000	91.2	96.6	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 900	91.2	96.6	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 800	91.3	96.7	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 700	91.3	97.2	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 600	91.3	97.2	98.3	98.5	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 500	91.4	97.3	98.4	98.6	99.0	99.0	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 400	91.4	97.3	98.4	98.6	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	91.4	97.3	98.4	98.6	99.0	99.0	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0
≥ 200	91.4	97.3	98.4	98.6	99.0	99.0	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0
≥ 100	91.4	97.3	98.4	98.6	99.0	99.0	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0	91.4	97.3	98.4	98.6	99.0	99.0	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.9	36.0	36.0	36.0
≥ 20000	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.5	41.5	41.6
≥ 18000	43.9	43.9	44.1	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.6	44.7	44.8	44.8
≥ 16000	44.8	44.8	45.1	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.6	45.7	45.8	45.8
≥ 14000	45.8	45.8	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.6	46.7	46.8	46.8
≥ 12000	49.1	49.1	49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.9	50.0	50.1	50.1
≥ 10000	55.7	55.7	55.9	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.5	56.6	56.7	56.8
≥ 9000	57.7	58.0	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.8	58.9	59.0	59.1
≥ 8000	68.7	69.4	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.5	70.6	70.8	70.9
≥ 7000	73.8	74.6	75.2	75.3	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.9	76.0	76.1	76.2
≥ 6000	76.5	77.1	77.6	77.7	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.5	78.6	78.7	78.8
≥ 5000	80.7	81.1	81.6	81.7	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.6	82.7	82.8	82.9
≥ 4500	81.1	82.4	82.9	83.0	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.9	84.0	84.1	84.2
≥ 4000	83.2	84.8	85.4	85.7	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.6	86.7	86.9	86.9
≥ 3500	84.9	87.0	87.8	88.3	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.2	89.4	89.5	89.6
≥ 3000	85.5	88.4	89.2	89.7	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.8	90.9	91.0	91.1
≥ 2500	86.3	89.6	90.4	90.9	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.9	92.0	92.2	92.3
≥ 2000	87.1	90.6	91.7	92.4	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.7	93.8	93.9	94.0
≥ 1800	87.2	90.9	91.9	92.6	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.9	94.0	94.1	94.2
≥ 1500	87.7	91.7	92.8	93.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.7	94.8	94.9	95.1
≥ 1200	87.8	91.8	92.9	93.5	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.9	95.1	95.2	95.3
≥ 1000	88.0	91.9	93.0	93.6	94.7	94.7	94.8	94.9	94.9	95.1	95.1	95.1	95.3	95.4	95.5	95.6
≥ 900	88.0	92.2	93.2	94.0	94.9	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.5	95.6	95.7	95.8
≥ 800	88.1	92.3	93.3	94.1	95.2	95.2	95.3	95.4	95.4	95.5	95.5	95.6	95.6	95.8	95.9	96.0	96.1
≥ 700	88.1	92.6	93.9	94.6	95.8	95.8	95.9	96.0	96.0	96.1	96.2	96.2	96.5	96.6	96.7	96.8
≥ 600	88.3	93.2	94.5	95.3	96.5	96.5	96.6	96.7	96.7	96.9	97.0	97.0	97.2	97.3	97.4	97.5
≥ 500	88.3	93.3	94.7	95.5	96.9	96.9	97.0	97.2	97.2	97.6	97.7	97.7	98.0	98.1	98.2	98.3
≥ 400	88.3	93.5	94.9	95.7	97.2	97.2	97.3	97.5	97.5	98.0	98.1	98.1	98.3	98.6	98.7	98.8
≥ 300	88.3	93.5	95.1	95.8	97.3	97.4	97.7	98.0	98.0	98.5	98.6	98.6	98.8	99.1	99.4	99.5
≥ 200	88.3	93.5	95.1	95.8	97.3	97.4	97.7	98.0	98.0	98.5	98.6	98.7	98.9	99.4	99.7	99.8
≥ 100	88.3	93.5	95.1	95.8	97.3	97.4	97.7	98.0	98.0	98.5	98.6	98.7	98.9	99.4	99.8	100.0
≥ 0	88.3	93.5	95.1	95.8	97.3	97.4	97.7	98.0	98.0	98.5	98.6	98.7	98.9	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	35.2	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 20000	39.6	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
≥ 18000	42.4	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	43.0
≥ 16000	43.7	44.1	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	44.3	44.3
≥ 14000	44.8	45.3	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
≥ 12000	47.4	47.8	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	48.1	48.1
≥ 10000	55.3	55.7	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
≥ 9000	58.2	58.9	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
≥ 8000	67.1	68.1	68.7	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
≥ 7000	71.7	73.0	73.7	73.7	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
≥ 6000	74.4	75.7	76.3	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
≥ 5000	77.8	79.1	79.8	79.8	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
≥ 4500	78.9	80.2	80.9	80.9	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
≥ 4000	81.3	83.1	83.8	83.8	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
≥ 3500	82.6	84.6	85.3	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	85.5
≥ 3000	83.9	86.7	87.4	87.4	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
≥ 2500	84.8	87.6	88.4	88.5	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
≥ 2000	85.4	88.5	89.2	89.6	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
≥ 1800	85.4	88.5	89.5	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
≥ 1500	85.9	89.5	90.6	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	86.9	90.4	91.6	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	87.8	91.6	92.8	93.5	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	88.5	92.9	94.3	95.3	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	88.5	93.1	94.5	95.5	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	88.8	93.4	94.8	95.8	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	89.0	94.0	95.6	96.7	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	89.0	94.2	95.9	97.0	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	89.1	94.3	96.0	97.1	98.4	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	89.1	94.4	96.1	97.2	98.5	98.8	99.1	99.1	99.2	99.2	99.4	99.4	99.6	99.7	99.8	99.9	
≥ 200	89.1	94.4	96.1	97.2	98.5	98.8	99.1	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.8	99.9	100.0
≥ 100	89.1	94.4	96.1	97.2	98.5	98.8	99.1	99.1	99.2	99.4	99.5	99.5	99.7	99.8	99.9	100.0	
≥ 0	89.1	94.4	96.1	97.2	98.5	98.8	99.1	99.1	99.2	99.4	99.5	99.5	99.7	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.1	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	43.5	43.5	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 18000	46.6	46.7	46.7	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
≥ 16000	47.8	48.0	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
≥ 14000	48.7	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000	52.3	52.4	52.4	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
≥ 10000	59.5	59.7	59.9	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
≥ 9000	61.8	62.0	62.3	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
≥ 8000	71.3	71.6	71.8	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
≥ 7000	75.5	75.9	76.1	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
≥ 6000	77.3	77.8	78.1	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
≥ 5000	78.6	79.2	79.6	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
≥ 4500	78.9	79.6	79.9	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
≥ 4000	81.3	82.2	82.5	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
≥ 3500	82.2	83.1	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	84.9	86.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	86.2	88.1	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
≥ 2000	87.1	89.8	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	88.1	90.2	90.9	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
≥ 1500	88.8	91.8	92.7	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	90.1	93.4	94.6	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	91.0	94.8	96.5	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	91.2	95.5	97.1	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	91.3	95.6	97.2	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	91.3	95.9	97.5	98.2	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	91.3	96.1	97.7	98.7	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	91.3	96.3	98.1	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.3	96.3	98.1	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.3	96.3	98.1	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.3	96.3	98.1	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.3	96.3	98.1	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.3	96.3	98.1	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	37.8	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000	45.1	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 18000	48.9	49.2	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
≥ 16000	50.3	50.6	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	50.9
≥ 14000	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 12000	54.3	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
≥ 10000	60.4	60.9	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
≥ 9000	64.6	65.1	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
≥ 8000	71.3	71.8	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
≥ 7000	74.9	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 6000	75.6	76.1	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
≥ 5000	76.9	77.5	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
≥ 4500	77.8	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
≥ 4000	81.8	83.0	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	83.9	85.4	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	88.8	90.4	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	90.1	92.8	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	91.3	94.4	94.9	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	91.4	94.5	95.1	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	91.9	95.6	96.3	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	91.9	95.9	96.8	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
≥ 1000	92.0	96.9	98.3	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	92.3	97.3	98.4	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	92.3	97.5	98.6	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	92.3	97.6	98.7	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	92.4	97.7	98.8	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.4	97.7	98.8	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.4	97.7	98.8	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.4	97.7	98.8	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.4	97.7	98.8	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.4	97.7	98.8	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.4	97.7	98.8	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK 73-82 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOUR (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 20000	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 18000	47.0	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
≥ 16000	47.7	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
≥ 14000	49.3	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
≥ 12000	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 10000	56.5	56.9	56.9	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
≥ 9000	60.3	60.9	60.9	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
≥ 8000	71.1	72.2	72.2	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
≥ 7000	75.2	76.3	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
≥ 6000	77.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	80.3	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	81.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	86.2	88.6	88.7	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
≥ 3500	88.5	91.0	91.2	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
≥ 3000	91.9	95.1	95.3	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
≥ 2500	91.9	95.5	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
≥ 2000	92.3	96.0	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	92.3	96.0	97.0	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
≥ 1500	92.7	96.6	97.6	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
≥ 1200	93.0	97.2	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	93.0	98.0	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	93.1	98.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	93.2	98.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	93.2	98.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	93.2	98.2	99.2	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	93.2	98.2	99.2	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.2	98.2	99.2	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.2	98.2	99.2	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.2	98.2	99.2	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.2	98.2	99.2	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.2	98.2	99.2	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 20000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 18000	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	48.2	48.2
≥ 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
≥ 14000	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 12000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 10000	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
≥ 9000	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	64.9	64.9
≥ 8000	74.9	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
≥ 7000	81.2	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	83.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.8
≥ 5000	86.7	87.8	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
≥ 4500	88.1	89.5	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
≥ 4000	90.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500	91.3	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
≥ 3000	92.6	95.7	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
≥ 2500	92.9	96.2	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
≥ 2000	93.3	96.8	97.4	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
≥ 1800	93.3	96.9	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	93.4	97.5	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	93.7	97.7	98.4	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
≥ 1000	93.7	98.0	98.8	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	93.7	98.0	98.8	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	93.7	98.0	98.8	98.8	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	93.7	98.0	98.8	98.8	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	93.7	98.0	98.8	98.8	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	93.7	98.0	98.8	98.8	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.7	98.0	98.8	98.8	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.7	98.0	98.8	98.8	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.7	98.0	98.8	98.8	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.7	98.0	98.8	98.8	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.7	98.0	98.8	98.8	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥7	≥1	≥1	≥1	≥	≥	≥5/16	≥	≥0
NO CEILING	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 18000	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	48.1	48.1
≥ 16000	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
≥ 14000	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 12000	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
≥ 10000	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	61.2
≥ 9000	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
≥ 8000	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	80.2	80.9	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
≥ 6000	82.5	83.3	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	87.3	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	89.2	90.1	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	91.0	92.7	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500	91.8	93.9	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000	93.3	95.5	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	93.4	96.0	96.5	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	93.5	96.2	96.7	97.0	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	93.5	96.2	96.7	97.0	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	93.7	96.6	97.0	97.3	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	93.8	96.9	97.4	97.7	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	93.9	97.3	98.0	98.4	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	93.9	97.3	98.0	98.4	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	93.9	97.3	98.0	98.4	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	93.9	97.3	98.0	98.4	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	93.9	97.3	98.0	98.4	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	93.9	97.3	98.1	98.4	99.2	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8
≥ 400	93.9	97.3	98.0	98.4	99.2	99.2	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	93.9	97.3	98.0	98.4	99.2	99.2	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	93.9	97.3	98.0	98.4	99.2	99.2	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	93.9	97.3	98.1	98.4	99.2	99.2	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	93.9	97.3	98.1	98.4	99.2	99.2	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 6550 EIELSON AFB AK 73-82 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING	36.5	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
≥ 20000	43.1	43.2	43.2	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
≥ 18000	46.7	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47	47.2
≥ 16000	47.7	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000	48.5	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9
≥ 12000	52.1	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6
≥ 10000	58.7	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3
≥ 9000	61.7	62.1	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000	71.4	72.1	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6
≥ 7000	76.2	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	78.3	79.3	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9
≥ 5000	81.4	82.5	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	82.6	83.9	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 4000	85.3	87.1	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 3500	86.7	88.9	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 3000	88.9	91.5	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 2500	89.6	92.6	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	90.2	93.4	94.2	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 1800	90.3	93.6	94.4	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1500	90.6	94.4	95.2	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1
≥ 1200	91.0	94.9	95.8	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 1000	91.3	95.6	96.7	97.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 900	91.5	96.0	97.1	97.5	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 800	91.5	96.1	97.2	97.6	99.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 700	91.6	96.3	97.4	97.8	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 600	91.6	96.5	97.6	98.1	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 500	91.6	96.5	97.7	98.2	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	91.7	96.6	97.8	98.3	99.0	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	91.7	96.6	97.8	98.3	99.0	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 200	91.7	96.6	97.8	98.3	99.0	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0
≥ 100	91.7	96.6	97.8	98.3	99.0	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0
≥ 0	91.7	96.6	97.8	98.3	99.0	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) ANN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	41.7	42.7	42.8	42.9	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3
≥ 20000	46.6	48.3	48.1	48.2	48.2	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6
≥ 18000	48.5	49.9	50.0	50.1	50.1	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5
≥ 14000	48.6	50.0	50.1	50.2	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6
≥ 12000	48.9	50.3	50.4	50.5	50.5	50.8	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0
≥ 10000	53.7	55.1	55.2	55.3	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7
≥ 9000	59.3	59.7	59.8	59.9	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 8000	60.8	62.7	62.9	63.0	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
≥ 7000	66.9	69.1	69.4	69.5	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 6000	71.2	73.8	74.1	74.2	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
≥ 5000	72.6	75.5	75.9	76.0	76.1	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 4500	77.3	80.4	81.1	81.2	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 4000	79.5	83.3	84.0	84.2	84.3	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 3500	81.6	87.0	87.7	88.0	88.1	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 3000	83.4	89.1	89.9	90.1	90.2	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 2500	84.9	91.2	92.2	92.4	92.5	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 2000	85.4	91.9	93.1	93.2	93.3	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 1800	85.4	92.2	93.2	93.4	93.5	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1600	85.8	92.6	93.7	94.0	94.1	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 1400	85.9	92.7	94.1	94.3	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1
≥ 1200	85.9	92.7	94.1	94.4	94.5	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1000	85.9	93.1	94.6	94.9	95.2	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 900	85.9	93.1	94.9	95.2	95.5	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 800	85.9	93.1	94.9	95.2	95.5	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 700	86.2	93.5	95.3	95.6	95.9	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 600	86.2	93.7	95.4	95.7	96.0	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 500	86.8	94.4	96.1	96.5	96.9	97.3	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8
≥ 400	86.9	94.8	96.9	97.2	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.8
≥ 300	86.9	94.8	97.1	97.4	98.0	98.5	98.7	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.2
≥ 200	86.9	95.2	97.5	97.8	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.7	99.9
≥ 100	86.9	95.2	97.5	97.8	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.5	99.5	99.8	99.8	100.0
≥ 0	86.9	95.2	97.5	97.8	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.5	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥⅝ 1/16	≥½	≥0
NO CEILING	32.9	34.3	34.1	34.2	34.6	34.6	35.0	35.2	35.4	35.4	35.7	35.7	36.1	36.1	36.2	36.4
≥ 20000	38.3	39.6	39.7	39.8	40.4	40.6	40.8	41.0	41.2	41.2	41.6	41.6	41.9	41.9	42.0	42.2
≥ 18000	40.4	41.7	41.8	41.9	42.4	42.6	42.8	43.1	43.3	43.3	43.6	43.7	44.0	44.0	44.1	44.3
≥ 16000	40.7	42.0	42.1	42.2	42.7	42.9	43.2	43.4	43.6	43.6	43.9	44.0	44.3	44.3	44.5	44.7
≥ 14000	41.1	42.4	42.5	42.6	43.2	43.4	43.6	43.8	44.0	44.0	44.3	44.5	44.8	44.8	44.9	45.1
≥ 12000	44.6	45.9	46.1	46.1	46.6	46.8	47.0	47.3	47.5	47.5	47.8	47.9	48.2	48.2	48.3	48.5
≥ 10000	50.4	51.7	51.8	52.0	52.5	52.7	53.0	53.2	53.4	53.4	53.7	53.8	54.1	54.1	54.3	54.5
≥ 9000	53.5	55.2	55.3	55.5	56.1	56.3	56.5	56.7	56.9	56.9	57.3	57.4	57.7	57.7	57.8	58.0
≥ 8000	59.4	61.4	61.5	61.8	62.3	62.5	62.8	63.0	63.2	63.3	63.6	63.7	64.0	64.0	64.3	64.5
≥ 7000	65.6	67.8	67.9	68.2	68.8	69.0	69.2	69.4	69.6	69.8	70.1	70.2	70.5	70.5	70.7	70.9
≥ 6000	68.1	70.5	70.6	70.9	71.5	71.7	71.9	72.1	72.3	72.4	72.8	72.9	73.2	73.2	73.4	73.6
≥ 5000	71.6	74.1	74.5	74.9	75.5	75.7	75.9	76.1	76.3	76.4	76.7	76.9	77.2	77.2	77.4	77.6
≥ 4500	74.6	77.7	78.1	78.7	79.2	79.4	79.7	79.9	80.1	80.2	80.5	80.6	80.9	80.9	81.2	81.4
≥ 4000	76.6	80.6	81.1	81.6	82.1	82.3	82.6	82.8	83.0	83.1	83.5	83.6	84.0	84.0	84.2	84.4
≥ 3500	77.8	82.1	82.6	83.1	83.7	84.0	84.2	84.4	84.6	84.7	85.1	85.3	85.6	85.6	85.8	86.0
≥ 3000	78.5	83.7	84.3	84.9	85.8	86.0	86.2	86.4	86.7	86.8	87.2	87.3	87.6	87.6	87.8	88.1
≥ 2500	78.8	84.5	85.1	85.8	86.7	86.9	87.1	87.3	87.5	87.6	88.1	88.2	88.5	88.5	88.7	88.9
≥ 2000	79.3	85.5	86.1	86.8	87.6	87.8	88.1	88.3	88.5	88.6	89.0	89.1	89.5	89.5	89.7	89.9
≥ 1800	79.4	85.7	86.3	87.0	87.9	88.2	88.4	88.6	88.8	88.9	89.3	89.5	89.8	89.8	90.0	90.2
≥ 1500	79.8	86.9	87.5	88.2	89.1	89.3	89.6	89.8	90.0	90.1	90.5	90.6	91.0	91.0	91.2	91.4
≥ 1200	80.3	87.7	88.4	89.0	90.0	90.2	90.4	90.6	90.9	91.0	91.4	91.5	91.8	91.8	92.0	92.2
≥ 1000	80.4	88.5	89.2	89.9	90.9	91.1	91.3	91.5	91.8	91.9	92.4	92.5	92.9	92.9	93.1	93.3
≥ 900	80.5	88.7	89.5	90.2	91.2	91.4	91.6	91.8	92.1	92.2	92.7	92.8	93.2	93.2	93.4	93.6
≥ 800	80.6	88.9	89.7	90.4	91.4	91.6	91.8	92.0	92.4	92.5	92.9	93.0	93.4	93.4	93.6	93.9
≥ 700	80.9	89.2	90.0	90.7	91.7	91.9	92.1	92.4	92.7	92.8	93.2	93.3	93.8	93.8	94.1	94.3
≥ 600	81.2	89.7	90.5	91.3	92.2	92.5	92.7	92.9	93.2	93.3	93.8	93.9	94.3	94.3	94.6	94.8
≥ 500	81.4	90.2	91.2	91.9	93.0	93.2	93.4	93.6	94.0	94.1	94.6	94.7	95.2	95.2	95.5	95.7
≥ 400	81.4	90.3	91.5	92.4	93.5	93.8	94.0	94.2	94.5	94.6	95.3	95.4	95.8	95.9	96.4	96.7
≥ 300	81.5	90.5	91.7	92.8	94.3	94.5	94.8	95.0	95.4	95.7	96.3	96.4	96.9	97.0	97.6	97.8
≥ 200	81.5	90.5	92.1	93.2	94.8	95.0	95.4	95.6	95.9	96.2	97.1	97.2	98.0	98.1	99.4	99.7
≥ 100	81.5	90.5	92.1	93.2	94.8	95.0	95.4	95.6	95.9	96.2	97.1	97.2	98.2	98.3	99.6	100.0
≥ 0	81.5	90.5	92.1	93.2	94.8	95.0	95.4	95.6	95.9	96.2	97.1	97.2	98.2	98.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7650 EIELSON AFB AK 73-82 AWS
STATION STATION NAME YEARS HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0830
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	28.5	29.0	29.0	29.0	29.0	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.6
≥ 20000	36.6	37.2	37.2	37.2	37.2	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.7
≥ 18000	38.9	39.6	39.6	39.6	39.6	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1
≥ 16000	40.3	41.0	41.0	41.0	41.0	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.5
≥ 14000	40.3	41.4	41.4	41.4	41.4	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9
≥ 12000	44.3	44.9	44.9	44.9	44.9	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5
≥ 10000	50.3	51.1	51.2	51.3	51.4	51.7	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	52.0
≥ 9000	53.4	54.2	54.3	54.4	54.5	54.8	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.2
≥ 8000	60.2	61.5	61.7	61.8	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.7	62.7	62.7	62.8
≥ 7000	65.6	67.2	67.4	67.7	68.0	68.3	68.4	68.7	68.7	68.7	68.7	68.8	68.9	68.9	68.9	69.0
≥ 6000	67.6	69.5	69.8	70.1	70.3	70.6	70.8	71.1	71.1	71.1	71.1	71.2	71.3	71.3	71.3	71.4
≥ 5000	70.3	72.2	72.5	72.8	73.0	73.3	73.4	73.8	73.8	73.8	73.8	73.9	74.0	74.0	74.0	74.1
≥ 4500	72.4	74.4	74.7	75.1	75.3	75.6	75.7	76.1	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.5
≥ 4000	73.9	75.9	76.2	76.6	76.8	77.1	77.2	77.6	77.6	77.6	77.6	77.7	77.8	77.8	77.8	78.0
≥ 3500	74.7	76.9	77.2	77.5	77.7	78.1	78.2	78.6	78.6	78.6	78.6	78.7	78.8	78.8	78.8	78.9
≥ 3000	76.1	78.9	79.2	79.6	79.9	80.2	80.3	80.8	80.8	80.8	80.8	80.9	81.0	81.0	81.0	81.1
≥ 2500	76.6	79.9	80.5	80.9	81.3	81.6	81.7	82.2	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.5
≥ 2000	77.1	81.2	81.8	82.4	83.0	83.3	83.4	83.9	83.9	83.9	83.9	84.0	84.1	84.1	84.1	84.2
≥ 1800	77.3	81.5	82.2	82.7	83.4	83.8	83.9	84.3	84.3	84.3	84.3	84.4	84.5	84.5	84.5	84.6
≥ 1500	78.1	82.6	83.5	84.2	85.1	85.4	85.5	85.9	85.9	85.9	85.9	86.0	86.1	86.1	86.1	86.2
≥ 1200	78.7	83.4	84.6	85.5	86.3	86.7	86.8	87.2	87.2	87.2	87.2	87.3	87.4	87.4	87.4	87.5
≥ 1000	79.6	84.7	85.9	86.9	87.8	88.2	88.3	88.7	88.7	88.7	88.7	88.8	88.9	88.9	88.9	89.0
≥ 900	79.8	85.2	86.3	87.4	88.4	88.7	88.9	89.4	89.4	89.4	89.4	89.5	89.6	89.6	89.6	89.7
≥ 800	79.9	85.4	86.6	87.6	88.7	89.0	89.2	89.7	89.7	89.7	89.7	89.8	89.9	89.9	89.9	90.0
≥ 700	80.4	86.2	87.4	88.5	89.6	89.9	90.1	90.5	90.5	90.5	90.5	90.6	91.0	91.0	91.1	91.2
≥ 600	80.8	87.0	88.3	89.5	90.8	91.3	91.6	92.0	92.0	92.0	92.0	92.2	92.5	92.5	92.6	92.7
≥ 500	81.4	87.7	89.2	90.8	92.4	92.9	93.3	93.8	93.9	94.2	94.2	94.3	94.6	94.7	94.8	95.1
≥ 400	81.6	88.3	89.8	91.4	93.7	94.2	94.6	95.2	95.3	95.8	95.9	96.0	96.3	96.6	96.7	97.1
≥ 300	81.6	88.3	89.8	91.5	93.9	94.4	94.9	95.6	95.9	96.6	97.0	97.2	97.8	98.2	98.5	99.0
≥ 200	81.6	88.3	89.9	91.6	94.0	94.5	95.1	95.8	96.1	96.9	97.3	97.5	98.2	98.6	98.9	99.7
≥ 100	81.6	88.3	89.9	91.6	94.0	94.5	95.1	95.8	96.1	96.9	97.3	97.5	98.2	98.7	99.0	100.0
0	81.6	88.3	89.9	91.6	94.0	94.5	95.1	95.8	96.1	96.9	97.3	97.5	98.2	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	32.7	33.2	33.0	33.0	33.1	33.1	33.1	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 20000	41.3	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 18000	44.2	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 16000	45.1	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 14000	46.0	46.3	46.3	46.3	46.5	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 12000	49.9	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 10000	57.3	57.7	57.7	57.7	57.8	57.8	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	61.1	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 8000	65.8	66.7	66.7	66.7	66.8	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 7000	69.7	70.5	70.6	70.6	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	71.4	72.5	72.7	72.7	72.8	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 5000	73.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4500	74.9	76.3	76.6	76.7	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	76.2	77.8	78.1	78.3	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3500	77.8	79.6	79.8	80.0	80.1	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	81.2	83.9	84.2	84.4	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	81.9	84.9	85.3	85.7	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	82.9	86.3	86.7	87.1	87.3	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	83.3	87.0	87.3	87.7	88.0	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	84.4	89.2	89.8	90.2	90.6	90.6	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	85.3	90.3	91.1	91.6	92.2	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	85.8	91.6	92.6	93.1	93.9	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	86.2	92.8	94.2	94.7	95.5	95.5	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	86.5	93.2	94.6	95.3	96.1	96.1	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	86.6	93.3	94.8	95.5	96.6	96.7	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	86.6	93.8	95.7	96.5	97.6	97.7	97.8	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	86.7	94.0	96.2	97.0	98.3	98.4	98.6	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2
≥ 400	86.7	94.1	96.5	97.2	98.6	98.7	99.0	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	86.7	94.1	96.5	97.2	98.7	98.8	99.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 200	86.7	94.1	96.5	97.2	98.8	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	86.7	94.1	96.5	97.2	98.8	98.9	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	86.7	94.1	96.5	97.2	98.8	98.9	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK 73-82 AWS
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	34.5	34.9	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	35.2
≥ 20000	44.3	45.3	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
≥ 18000	46.7	49.1	49.4	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
≥ 14000	49.7	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 12000	50.9	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	54.9	55.4	55.6	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
≥ 9000	61.2	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 8000	64.9	65.4	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 7000	69.6	70.5	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
≥ 6000	73.4	74.4	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	75.6	76.7	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	77.2	78.3	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	78.8	79.7	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	81.3	82.9	83.2	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000	83.4	84.9	85.4	85.5	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	86.5	88.9	89.5	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	88.0	90.9	91.4	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	89.8	93.3	93.9	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	89.9	93.7	94.3	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	90.2	94.8	96.0	96.2	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	90.6	95.4	96.8	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	90.8	95.7	97.2	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	90.8	95.8	97.4	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	90.9	95.9	97.5	98.0	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	90.9	96.2	97.8	98.3	98.5	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	90.9	96.3	98.2	99.0	99.5	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	90.9	96.7	98.5	99.0	99.5	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	90.9	96.7	98.5	99.0	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.9	96.7	98.5	99.0	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.9	96.7	98.5	99.0	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.9	96.7	98.5	99.0	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	35.4	35.8	35.8	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 20000	46.6	47.0	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 18000	50.2	50.6	50.6	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 16000	50.9	51.3	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	51.7	52.4	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	56.1	56.8	56.8	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
≥ 10000	61.4	62.0	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
≥ 9000	65.3	65.9	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000	72.7	73.7	73.7	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
≥ 7000	78.0	79.0	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	80.3	81.4	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	82.5	83.7	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4500	83.4	84.6	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	85.6	87.1	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	88.3	89.9	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	89.6	91.7	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	91.9	94.7	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	92.4	96.1	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	92.4	96.5	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	92.5	97.0	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	92.6	97.5	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	92.6	97.5	98.5	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	92.6	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	92.6	97.8	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	92.6	97.8	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	92.6	97.8	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	92.6	97.8	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	92.6	97.8	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.6	97.8	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.6	97.8	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.6	97.8	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.6	97.8	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 255C (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.5	36.5	36.6	36.8	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 20000	46.5	46.9	47.0	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 18000	51.6	52.0	52.2	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 16000	52.4	52.8	52.9	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 14000	53.7	54.1	54.2	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000	58.6	59.0	59.1	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	62.9	63.5	63.7	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	67.1	67.7	67.8	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	75.6	76.3	76.5	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	80.5	81.8	82.2	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000	82.7	84.1	84.4	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	86.2	87.6	88.0	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	87.4	88.8	89.2	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	90.3	92.0	92.5	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	91.5	93.7	94.1	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	92.4	95.2	95.7	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	92.7	95.7	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	92.8	96.0	97.2	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	92.9	96.3	97.6	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	93.0	96.9	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	93.0	97.1	98.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	93.1	97.1	98.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	93.0	97.4	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	93.0	97.4	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	93.0	97.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.0	97.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.0	97.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.0	97.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.0	97.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.0	97.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.0	97.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.0	97.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC (OCT 64) 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
ANN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2200 — HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	41.3	42.2	42.2	42.2	42.2	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6
≥ 20000	47.1	48.6	48.6	48.6	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.2	49.0
≥ 18000	50.5	52.0	52.0	52.0	52.0	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
≥ 16000	50.6	52.2	52.2	52.2	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6
≥ 14000	51.2	52.7	52.7	52.7	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
≥ 12000	54.9	56.3	56.3	56.3	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8
≥ 10000	59.1	60.6	60.6	60.6	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1
≥ 9000	61.4	63.4	63.4	63.4	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9
≥ 8000	68.7	71.2	71.2	71.2	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
≥ 7000	75.5	78.3	78.3	78.3	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7
≥ 6000	77.8	80.8	81.1	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
≥ 5000	82.6	85.6	86.0	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5
≥ 4500	84.4	87.5	88.1	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
≥ 4000	86.6	90.4	91.0	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 3500	88.3	92.5	93.0	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 3000	89.5	94.5	95.3	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 2500	89.9	95.4	96.1	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 2000	89.9	95.5	96.8	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1800	89.9	95.5	96.9	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 1500	90.2	95.8	97.4	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 1200	90.2	95.8	97.4	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 1000	90.3	96.2	98.3	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 900	90.3	96.5	98.5	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 800	90.3	96.5	98.5	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 700	90.4	96.7	98.7	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 600	90.4	96.7	98.7	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	90.4	96.8	98.8	98.9	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	90.4	96.8	98.8	98.9	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	90.4	96.9	98.9	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	90.4	97.0	99.0	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	90.4	97.0	99.0	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ [illegible]	90.4	97.0	99.0	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 26SC (STATION) EIELSON AFB AK (STATION NAME) 73-62 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥0
NO CEILING	35.4	36.0	36.1	36.1	36.2	36.4	36.4	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.7
≥ 20000	43.5	44.3	44.3	44.4	44.5	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.9	44.9	45.0
≥ 18000	46.6	47.4	47.5	47.6	47.7	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.1	48.1	46.2
≥ 16000	47.3	48.1	48.2	48.2	48.4	48.5	48.6	48.6	48.6	48.6	48.7	48.7	48.8	48.8	48.8
≥ 14000	48.0	48.9	48.9	49.0	49.1	49.3	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.6
≥ 12000	52.1	53.0	53.0	53.1	53.2	53.4	53.4	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.7
≥ 10000	57.6	58.5	58.6	58.7	58.9	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.3	59.3	59.3
≥ 9000	60.9	62.7	62.1	62.2	62.4	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.8	62.8	62.9
≥ 8000	67.4	68.8	68.9	69.0	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.7	69.7
≥ 7000	72.4	74.1	74.3	74.4	74.6	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.2
≥ 6000	74.5	76.4	76.6	76.8	76.9	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.5	77.5
≥ 5000	77.7	79.6	79.9	80.1	80.2	80.4	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.8
≥ 4500	79.4	81.6	81.9	82.1	82.3	82.5	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9
≥ 4000	81.5	84.2	84.6	84.8	85.0	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.6	85.6	85.6	85.6
≥ 3500	83.2	86.1	86.5	86.7	86.9	87.0	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.5	87.5
≥ 3000	84.8	88.5	89.3	89.3	89.5	89.6	89.7	89.8	89.9	89.9	89.9	90.0	90.1	90.1	90.1	90.1
≥ 2500	85.6	89.7	90.3	90.6	90.8	91.0	91.1	91.2	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.5
≥ 2000	86.2	90.8	91.5	91.8	92.1	92.2	92.3	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.7	92.7
≥ 1800	86.4	91.1	91.8	92.2	92.5	92.6	92.7	92.8	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1
≥ 1500	86.9	92.0	93.1	93.4	93.8	93.9	94.0	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4
≥ 1200	87.1	92.5	93.7	94.1	94.5	94.6	94.7	94.8	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1000	87.3	93.1	94.4	94.8	95.3	95.4	95.5	95.6	95.7	95.7	95.8	95.8	95.9	95.9	95.9	96.0
≥ 900	87.4	93.4	94.9	95.3	95.8	96.0	96.1	96.2	96.3	96.3	96.3	96.4	96.5	96.5	96.5	96.5
≥ 800	87.5	93.5	95.0	95.5	96.0	96.2	96.3	96.4	96.5	96.5	96.5	96.6	96.7	96.7	96.7	96.7
≥ 700	87.6	93.8	95.3	95.8	96.4	96.5	96.7	96.8	96.9	96.9	96.9	97.0	97.1	97.1	97.2	97.2
≥ 600	87.7	94.1	95.7	96.2	96.9	97.1	97.2	97.4	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.8
≥ 500	87.9	94.4	96.1	96.7	97.4	97.6	97.8	97.9	98.0	98.1	98.1	98.2	98.3	98.3	98.4	98.4
≥ 400	87.9	94.5	96.3	96.9	97.7	97.9	98.1	98.3	98.4	98.5	98.6	98.6	98.7	98.8	98.9	99.0
≥ 300	87.9	94.6	96.4	97.0	97.9	98.2	98.4	98.6	98.7	98.8	99.0	99.0	99.2	99.2	99.4	99.5
≥ 200	87.9	94.6	96.5	97.2	98.1	98.3	98.5	98.7	98.9	99.0	99.2	99.2	99.4	99.5	99.8	99.9
≥ 100	87.9	94.6	96.5	97.2	98.1	98.3	98.5	98.7	98.9	99.0	99.2	99.2	99.5	99.6	99.8	100.0
≥ 0	87.9	94.6	96.5	97.2	98.1	98.3	98.5	98.7	98.9	99.0	99.2	99.2	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 265C (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥0
NO CEILING	38.8	43.0	43.0	43.1	43.8	43.8	43.8	43.9	43.9	44.0	44.0	44.0	44.0	44.1	44.1	44.1
≥ 20000	42.7	47.4	47.4	47.6	48.2	48.2	48.2	48.3	48.3	48.4	48.4	48.4	48.4	48.7	48.7	48.7
≥ 18000	44.6	49.3	49.3	49.4	50.1	50.1	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.6	50.6	50.6
≥ 16000	45.3	50.1	50.1	50.2	50.9	50.9	50.9	51.0	51.0	51.1	51.1	51.1	51.1	51.3	51.3	51.3
≥ 14000	45.3	50.4	50.4	50.6	51.2	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.7	51.7	51.7
≥ 12000	46.4	51.7	51.7	51.8	52.4	52.4	52.4	52.6	52.6	52.7	52.7	52.7	52.8	53.0	53.0	53.0
≥ 11000	50.9	56.2	56.2	56.3	57.0	57.0	57.0	57.1	57.1	57.2	57.2	57.2	57.3	57.6	57.6	57.6
≥ 10000	52.0	57.8	57.8	57.9	58.6	58.6	58.6	58.7	58.7	58.8	58.8	58.8	58.9	59.1	59.1	59.1
≥ 9000	59.4	65.7	65.9	65.9	66.6	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.9	67.1	67.1	67.1
≥ 8000	64.1	71.2	71.3	71.4	72.1	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.4	72.7	72.7	72.7
≥ 7000	65.9	73.2	73.3	73.4	74.1	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.4	74.7	74.7	74.7
≥ 6000	68.2	76.2	76.3	76.4	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.7	77.7	77.7
≥ 5000	70.4	79.0	79.1	79.2	79.9	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.2	80.4	80.4	80.4
≥ 4500	71.9	81.3	81.6	81.7	82.4	82.4	82.4	82.6	82.6	82.7	82.7	82.7	82.8	83.0	83.0	83.0
≥ 4000	73.7	83.8	84.0	84.1	84.9	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.2	85.4	85.4	85.4
≥ 3500	74.9	85.9	86.1	86.2	87.2	87.2	87.2	87.3	87.3	87.4	87.4	87.4	87.6	87.8	87.8	87.8
≥ 3000	76.4	88.2	88.6	89.0	90.1	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.7	90.7	90.7
≥ 2500	77.0	89.0	89.6	90.1	91.3	91.3	91.3	91.4	91.4	91.7	91.7	91.7	91.8	92.0	92.0	92.0
≥ 2000	77.1	89.1	89.7	90.2	91.4	91.4	91.4	91.6	91.6	91.8	91.8	91.8	91.9	92.1	92.1	92.1
≥ 1800	77.9	90.6	91.3	91.9	93.2	93.2	93.2	93.3	93.3	93.6	93.6	93.6	93.7	93.9	93.9	93.9
≥ 1500	78.7	91.3	92.1	92.8	94.2	94.2	94.2	94.3	94.3	94.6	94.6	94.6	94.7	94.9	94.9	94.9
≥ 1200	78.8	91.7	92.4	93.2	94.7	94.7	94.8	94.9	94.9	95.1	95.1	95.1	95.2	95.4	95.4	95.4
≥ 1000	78.8	91.7	92.4	93.2	94.7	94.7	94.8	94.9	94.9	95.1	95.1	95.1	95.2	95.4	95.4	95.4
≥ 900	79.8	91.7	92.7	93.4	95.0	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.6	95.8	95.8	95.8
≥ 800	78.8	91.7	92.7	93.4	95.0	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.6	95.8	95.8	95.8
≥ 700	78.8	91.7	92.9	93.7	95.2	95.2	95.3	95.4	95.4	95.7	95.7	95.7	95.8	96.0	96.0	96.0
≥ 600	78.8	91.8	93.2	94.0	96.3	96.4	96.7	96.9	96.9	97.1	97.1	97.1	97.2	97.4	97.4	97.4
≥ 500	78.8	92.0	93.7	94.4	97.0	97.1	97.8	98.0	98.0	98.3	98.3	98.3	98.4	98.8	98.9	98.9
≥ 400	78.8	92.0	93.7	94.4	97.1	97.2	98.0	98.2	98.2	98.6	98.7	98.8	99.0	99.4	99.7	99.7
≥ 300	78.8	92.0	93.7	94.4	97.1	97.2	98.0	98.2	98.2	98.6	98.7	98.8	99.0	99.6	99.8	99.9
≥ 200	78.8	92.0	93.7	94.4	97.1	97.2	98.0	98.2	98.2	98.6	98.7	98.8	99.0	99.7	99.9	100.0
≥ 100	78.8	92.0	93.7	94.4	97.1	97.2	98.0	98.2	98.2	98.6	98.7	98.8	99.0	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 665C (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	33.2	36.8	37.1	37.7	38.0	38.0	38.1	38.6	38.7	38.8	39.3	39.3	39.7	39.7	39.8	39.8
≥ 20000	37.6	41.4	41.7	42.3	42.7	42.7	42.8	43.2	43.3	43.6	44.1	44.1	44.4	44.3	44.7	44.8
≥ 18000	39.2	43.1	43.3	44.0	44.3	44.3	44.6	45.0	45.1	45.3	45.9	45.9	46.2	46.2	46.6	46.7
≥ 16000	39.8	43.7	43.9	44.6	44.9	44.9	45.1	45.6	45.7	45.9	46.4	46.4	46.8	46.8	47.1	47.2
≥ 14000	40.1	44.1	44.3	45.0	45.3	45.3	45.6	46.0	46.1	46.3	46.9	46.9	47.2	47.2	47.5	47.7
≥ 12000	42.2	46.3	46.6	47.2	47.6	47.6	47.8	48.2	48.3	48.6	49.1	49.1	49.4	49.4	49.8	49.9
≥ 10000	46.3	50.7	50.9	51.6	51.9	51.9	52.1	52.6	52.7	52.9	53.4	53.4	53.8	53.8	54.1	54.2
≥ 9000	46.9	51.7	51.9	52.6	52.9	52.9	53.2	53.7	53.8	54.0	54.6	54.6	54.9	54.9	55.2	55.3
≥ 8000	52.9	58.6	58.8	59.4	59.8	59.8	60.1	60.6	60.7	61.0	61.6	61.6	62.0	62.0	62.3	62.4
≥ 7000	58.2	65.2	65.6	66.2	66.7	66.7	67.0	67.4	67.6	68.0	68.6	68.6	69.0	69.0	69.3	69.4
≥ 6000	59.9	67.1	67.4	68.1	68.8	68.8	69.1	69.6	69.7	70.1	70.7	70.7	71.1	71.1	71.4	71.6
≥ 5000	63.1	70.8	71.1	71.8	72.4	72.4	72.8	73.2	73.3	73.8	74.3	74.3	74.8	74.8	75.2	75.3
≥ 4500	65.2	73.1	73.4	74.2	74.9	74.9	75.2	75.7	75.8	76.2	76.8	76.8	77.2	77.2	77.7	77.8
≥ 4000	67.1	75.6	75.9	76.7	77.3	77.3	77.7	78.1	78.2	78.7	79.2	79.2	79.7	79.7	80.1	80.2
≥ 3500	68.7	78.0	78.3	79.1	79.8	79.8	80.1	80.6	80.7	81.1	81.7	81.7	82.1	82.1	82.6	82.7
≥ 3000	70.7	81.6	81.9	82.7	83.3	83.3	83.7	84.1	84.2	84.7	85.2	85.2	85.7	85.7	86.1	86.2
≥ 2500	71.7	83.6	84.0	85.0	85.7	85.7	86.0	86.4	86.6	87.0	87.6	87.6	88.0	88.0	88.4	88.6
≥ 2000	72.2	84.3	84.8	85.8	86.4	86.4	86.8	87.2	87.3	87.8	88.3	88.3	88.8	88.8	89.2	89.3
≥ 1800	72.3	84.6	85.0	86.0	86.7	86.7	87.0	87.4	87.6	88.0	88.6	88.6	89.0	89.0	89.4	89.6
≥ 1500	72.7	85.2	85.7	86.7	87.6	87.6	87.9	88.3	88.4	88.9	89.4	89.4	89.9	89.9	90.3	90.4
≥ 1200	73.3	85.9	86.3	87.3	88.2	88.2	88.6	89.0	89.1	89.6	90.1	90.1	90.6	90.6	91.0	91.1
≥ 1000	73.8	86.4	87.1	88.0	88.9	88.9	89.3	89.8	89.9	90.3	90.9	90.9	91.3	91.3	91.8	91.9
≥ 900	73.9	86.6	87.2	88.2	89.1	89.1	89.6	90.0	90.1	90.6	91.1	91.1	91.6	91.7	92.1	92.2
≥ 800	74.2	86.9	87.8	88.8	89.8	89.8	90.2	90.7	90.8	91.2	91.8	91.8	92.2	92.3	92.8	92.9
≥ 700	74.3	87.8	88.8	89.8	90.8	90.9	91.3	91.8	91.9	92.3	92.9	92.9	93.3	93.4	93.9	94.0
≥ 600	74.4	88.1	89.2	90.2	91.3	91.4	91.9	92.3	92.4	92.9	93.4	93.4	93.9	94.0	94.4	94.6
≥ 500	74.6	88.9	90.1	91.3	92.8	92.9	93.3	94.2	94.3	94.8	95.4	95.4	95.9	96.2	96.7	96.8
≥ 400	74.6	89.0	90.2	91.8	93.3	93.4	94.7	95.6	95.8	96.3	97.0	97.0	97.6	98.1	98.7	98.8
≥ 300	74.8	89.3	90.6	92.2	93.8	93.9	95.1	96.0	96.2	96.8	97.4	97.4	98.1	98.7	99.2	99.3
≥ 200	74.8	89.3	90.7	92.3	93.9	94.0	95.2	96.1	96.3	96.9	97.6	97.6	98.6	99.1	99.8	99.9
> 100	74.8	89.3	90.7	92.3	93.9	94.0	95.2	96.1	96.3	96.9	97.6	97.6	98.6	99.2	99.9	100.0
≥	74.8	89.3	90.7	92.3	93.9	94.0	95.2	96.1	96.3	96.9	97.6	97.6	98.6	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 265C (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/16	≥¼	≥0
NO CEILING	28.3	29.4	29.7	29.8	29.8	29.9	30.1	30.1	30.1	30.2	30.2	30.2	30.6	30.6	30.9	31.0
≥ 20000	36.6	38.3	38.6	38.7	38.7	38.8	39.0	39.0	39.0	39.1	39.1	39.1	39.4	39.4	39.8	39.9
≥ 18000	38.1	40.0	40.3	40.6	40.6	40.7	40.9	40.9	40.9	41.0	41.0	41.0	41.3	41.3	41.7	41.8
≥ 6000	38.6	40.4	40.8	41.0	41.0	41.1	41.3	41.3	41.3	41.4	41.4	41.4	41.8	41.8	42.1	42.2
≥ 14000	39.8	41.7	42.0	42.2	42.2	42.3	42.6	42.6	42.6	42.7	42.7	42.7	43.0	43.0	43.3	43.4
≥ 12000	43.3	45.2	45.6	45.8	45.8	45.9	46.1	46.1	46.1	46.2	46.2	46.2	46.6	46.6	46.9	47.0
≥ 10000	48.3	50.6	50.9	51.1	51.1	51.2	51.4	51.6	51.6	51.7	51.7	51.7	52.0	52.0	52.3	52.4
≥ 9000	49.6	51.8	52.1	52.3	52.4	52.6	52.8	52.9	52.9	53.0	53.0	53.0	53.6	53.7	54.0	54.1
≥ 8000	55.0	57.6	58.0	58.2	58.3	58.4	58.7	58.8	58.8	58.9	58.9	58.9	59.4	59.6	60.0	60.1
≥ 7000	62.3	65.2	65.7	65.9	66.0	66.1	66.3	66.4	66.4	66.6	66.6	66.6	67.2	67.3	67.8	67.9
≥ 6000	64.3	67.2	67.7	67.9	68.0	68.1	68.3	68.4	68.4	68.6	68.6	68.6	69.2	69.3	69.8	69.9
≥ 5000	67.2	70.4	70.9	71.1	71.2	71.3	71.6	71.7	71.7	71.8	71.8	71.9	72.6	72.7	73.1	73.3
≥ 4500	70.3	73.7	74.1	74.3	74.4	74.6	74.8	74.9	74.9	75.0	75.0	75.1	75.8	75.9	76.6	76.8
≥ 4000	72.0	76.1	76.6	76.8	76.9	77.0	77.2	77.3	77.3	77.4	77.4	77.6	78.2	78.3	79.0	79.2
≥ 3500	74.2	78.9	79.3	79.8	80.0	80.1	80.3	80.4	80.4	80.6	80.6	80.7	81.3	81.4	82.1	82.3
≥ 3000	75.6	80.8	81.3	81.8	82.0	82.2	82.4	82.8	82.8	82.9	83.0	83.1	83.8	83.9	84.6	84.8
≥ 2500	76.6	82.3	83.0	83.4	83.7	83.9	84.1	84.4	84.4	84.6	84.7	84.8	85.4	85.6	86.2	86.4
≥ 2000	77.2	83.0	83.7	84.2	84.4	84.7	84.9	85.2	85.2	85.3	85.4	85.6	86.2	86.3	87.0	87.2
≥ 1800	77.3	83.1	83.8	84.3	84.6	84.8	85.0	85.3	85.3	85.4	85.6	85.7	86.3	86.4	87.1	87.3
≥ 1500	78.0	84.1	84.8	85.4	85.8	86.0	86.2	86.6	86.6	86.7	86.8	86.9	87.6	87.7	88.3	88.6
≥ 1200	78.0	84.2	84.9	85.6	85.9	86.1	86.3	86.7	86.7	86.8	86.9	87.0	87.7	87.8	88.4	88.7
≥ 1000	78.4	84.8	85.6	86.3	86.7	86.9	87.1	87.4	87.4	87.6	87.7	87.8	88.4	88.6	89.2	89.4
≥ 900	78.4	84.9	85.9	86.8	87.3	87.6	87.8	88.1	88.1	88.2	88.3	88.4	89.2	89.3	90.0	90.2
≥ 800	78.7	85.8	86.8	87.8	88.4	88.7	88.9	89.2	89.2	89.3	89.4	89.6	90.3	90.4	91.1	91.3
≥ 700	78.8	86.4	87.7	88.7	89.3	89.6	89.9	90.2	90.2	90.3	90.4	90.6	91.3	91.4	92.1	92.3
≥ 600	79.2	87.2	88.4	89.6	90.2	90.4	90.8	91.1	91.1	91.2	91.3	91.4	92.2	92.3	93.0	93.2
≥ 500	79.4	87.9	89.3	90.4	91.8	92.1	92.8	93.6	93.6	93.9	94.0	94.2	95.0	95.1	95.8	96.0
≥ 400	79.4	87.9	89.3	90.6	92.4	92.8	93.6	94.3	94.3	95.1	95.3	95.6	96.4	96.7	97.3	97.7
≥ 300	79.4	87.9	89.3	90.6	93.2	93.7	94.4	95.2	95.2	96.0	96.4	96.7	97.7	98.0	98.7	99.0
≥ 200	79.4	87.9	89.3	90.6	93.2	93.7	94.6	95.3	95.3	96.1	96.7	96.9	98.1	98.4	99.1	99.4
≥ 100	79.4	87.9	89.3	90.6	93.2	93.7	94.6	95.3	95.3	96.1	96.7	97.0	98.2	98.7	99.3	99.9
≥ 0	79.4	87.9	89.3	90.6	93.2	93.7	94.6	95.3	95.3	96.1	96.7	97.0	98.2	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
SEP — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 — HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	34.9	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7
≥ 20000	42.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6
≥ 18000	45.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0
≥ 16000	46.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000	48.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7
≥ 12000	52.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1
≥ 10000	57.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	59.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
≥ 8000	62.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6
≥ 7000	68.6	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
≥ 6000	69.8	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
≥ 5000	72.6	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	74.6	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2
≥ 4000	77.0	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8
≥ 3500	78.7	81.2	81.2	81.2	81.2	81.2	81.4	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7
≥ 3000	80.3	83.1	83.2	83.3	83.6	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2
≥ 2500	81.3	84.2	84.4	84.6	84.8	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4
≥ 2000	82.1	85.0	85.2	85.3	85.7	85.8	86.0	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3
≥ 1800	82.0	85.2	85.4	85.6	85.9	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.6	86.6	86.6
≥ 1500	83.1	86.9	87.1	87.2	87.6	87.7	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2
≥ 1200	83.3	88.1	88.3	88.4	88.8	88.9	89.1	89.2	89.3	89.6	89.6	89.6	89.7	89.7	89.7
≥ 1000	84.2	89.7	90.0	90.2	90.7	90.8	91.0	91.1	91.2	91.4	91.4	91.4	91.6	91.6	91.6
≥ 900	84.3	89.9	90.2	90.4	90.9	91.0	91.2	91.3	91.4	91.7	91.7	91.7	91.8	91.8	91.8
≥ 800	84.8	91.1	91.4	91.7	92.1	92.2	92.6	92.7	92.8	93.0	93.0	93.0	93.1	93.1	93.1
≥ 700	85.1	91.3	91.7	91.9	92.6	92.7	93.0	93.1	93.3	93.6	93.6	93.6	93.7	93.7	93.7
≥ 600	85.3	92.1	92.6	92.9	93.7	93.8	94.1	94.2	94.4	94.8	94.8	94.8	94.9	94.9	94.9
≥ 500	85.6	92.7	93.7	94.1	95.7	95.9	96.3	96.4	96.9	97.3	97.4	97.4	97.6	97.6	97.6
≥ 400	85.6	92.8	93.8	94.2	96.1	96.4	96.9	97.0	97.4	98.0	98.2	98.2	98.3	98.3	98.3
≥ 300	85.7	92.9	94.1	94.6	96.9	97.2	97.7	97.8	98.3	99.0	99.2	99.3	99.4	99.4	99.4
≥ 200	85.7	92.9	94.1	94.6	96.9	97.2	97.7	97.8	98.3	99.0	99.7	99.8	100.0	100.0	100.0
≥ 100	85.7	92.9	94.1	94.6	96.9	97.2	97.7	97.8	98.3	99.0	99.7	99.8	100.0	100.0	100.0
0	85.7	92.9	94.1	94.6	96.9	97.2	97.7	97.8	98.3	99.0	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK 73-62 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOUR

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥¼	<¼
NO CEILING	34.3	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 20000	43.1	43.8	43.8	43.8	43.8	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 18000	47.1	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
≥ 14000	48.2	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
≥ 12000	50.4	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
≥ 10000	55.2	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
≥ 9000	60.1	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000	63.8	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	67.7	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	72.1	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 5000	73.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4500	75.6	78.0	78.1	78.0	79.1	78.1	78.1	78.1	78.1	78.1	79.1	78.1	78.1	78.1	78.1
≥ 4000	78.0	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	80.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	81.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	83.7	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	85.2	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	85.7	90.3	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1400	86.3	91.1	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	87.4	92.6	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	88.9	94.3	94.9	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	89.6	95.4	96.3	96.8	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	89.7	95.7	96.6	97.0	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	89.7	96.0	96.9	97.3	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	89.7	96.3	97.2	97.7	98.4	96.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	89.8	96.4	97.4	97.9	98.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	89.8	96.6	97.6	98.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	89.8	96.7	97.7	98.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	89.8	96.7	97.7	98.2	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	89.8	96.7	97.7	98.2	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.8	96.7	97.7	98.2	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 (66C) STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING	33.3	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	34.0
≥ 20000	42.6	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
≥ 18000	46.3	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
≥ 16000	47.6	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	48.4
≥ 14000	49.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 12000	55.1	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
≥ 10000	61.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	64.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	69.2	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
≥ 7000	74.1	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
≥ 6000	76.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	79.2	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	82.7
≥ 4500	80.7	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
≥ 4000	83.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	85.2	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	89.0
≥ 3000	87.1	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	87.8	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	88.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	88.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	89.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	90.2	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	90.7	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	90.9	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	91.1	98.0	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	91.2	98.1	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	91.2	98.3	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	91.2	98.3	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	91.2	98.3	98.9	99.0	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	91.2	98.3	98.9	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.2	98.3	98.9	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.2	98.3	98.9	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.2	98.3	98.9	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	35.2	36.0	36.0	36.0	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 20000	43.3	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 18000	46.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 16000	47.4	48.4	48.4	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 14000	48.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 12000	53.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 10000	57.8	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 9000	59.6	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	66.0	67.8	67.8	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000	71.9	74.6	74.6	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	74.4	77.1	77.1	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	77.6	81.1	81.1	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	79.2	83.2	83.2	83.2	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	80.8	85.2	85.2	85.2	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	82.8	87.4	87.4	87.4	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	84.7	91.3	91.1	91.1	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	85.2	92.0	92.2	92.2	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	86.2	93.2	93.6	93.6	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	86.2	93.2	93.8	93.9	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	87.2	95.1	95.7	95.8	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	87.3	95.2	95.9	96.0	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	87.3	95.9	96.7	96.8	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	87.4	96.0	96.8	96.9	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	87.7	96.3	97.2	97.3	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	87.7	96.3	97.2	97.3	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	87.8	96.7	97.6	97.7	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	87.8	97.1	98.0	98.1	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	87.8	97.3	98.2	98.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.8	97.3	98.2	98.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.8	97.3	98.2	98.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.8	97.3	98.2	98.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.8	97.3	98.2	98.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	42.3	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.1	44.1
≥ 20000	46.6	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.6	48.6
≥ 18000	48.4	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.4	50.4
≥ 16000	49.1	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.1	51.1
≥ 14000	49.6	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.8	51.8
≥ 12000	52.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.3	54.3
≥ 10000	55.3	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.1	58.1
≥ 9000	56.6	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.4	59.4
≥ 8000	64.3	67.3	67.3	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	68.0	68.0
≥ 7000	71.6	75.4	75.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.1	76.1
≥ 6000	72.9	76.9	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.6	77.6
≥ 5000	75.3	80.0	80.0	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.7	80.7
≥ 4500	77.3	82.7	82.7	82.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.7	83.7
≥ 4000	78.7	84.6	84.6	84.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.6	85.6
≥ 3500	80.1	86.6	86.6	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.6	87.6
≥ 3000	81.3	89.0	89.1	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.1	90.1
≥ 2500	83.1	92.1	92.6	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.7	93.7
≥ 2000	83.7	92.9	93.6	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.7	94.7
≥ 1800	83.8	93.1	93.8	93.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.9	94.9
≥ 1500	83.9	94.0	94.9	94.9	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	96.0	96.0
≥ 1200	84.1	94.6	95.9	95.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.4
≥ 1000	84.2	94.6	96.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.6	97.6
≥ 900	84.2	94.6	96.2	96.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.9	97.8
≥ 800	84.2	94.6	96.2	96.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.8	97.8
≥ 700	84.1	94.7	96.3	96.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.9	97.9
≥ 600	84.1	94.8	96.4	96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	98.0	98.0
≥ 500	84.1	94.9	96.8	96.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4
≥ 400	84.1	94.9	96.9	96.9	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.2	99.2
≥ 350	84.1	94.9	97.0	97.0	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9
≥ 300	84.1	94.9	97.0	97.0	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9
≥ 250	84.1	94.9	97.1	97.0	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.7	99.8	99.9	100.0	100.0
≥	84.1	94.9	97.0	97.0	98.8	98.9	99.4	99.6	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]50 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	35.1	36.7	36.7	36.8	37.0	37.0	37.1	37.1	37.1	37.2	37.3	37.3	37.4	37.4	37.4	37.5
≥ 20000	41.8	43.8	43.8	43.9	44.1	44.1	44.1	44.2	44.2	44.3	44.4	44.4	44.5	44.5	44.6	44.6
≥ 18000	44.9	46.6	46.6	46.8	46.9	46.9	47.0	47.1	47.1	47.1	47.2	47.2	47.3	47.3	47.4	47.5
≥ 16000	45.3	47.3	47.4	47.5	47.7	47.7	47.7	47.8	47.8	47.9	48.0	48.0	48.1	48.1	48.2	48.2
≥ 14000	46.5	48.6	48.7	48.8	48.9	48.9	49.0	49.1	49.1	49.2	49.2	49.2	49.3	49.4	49.5	49.5
≥ 12000	50.1	52.3	52.3	52.5	52.6	52.6	52.7	52.8	52.8	52.8	52.9	52.9	53.0	53.1	53.2	53.2
≥ 10000	54.9	57.5	57.6	57.7	57.9	57.9	58.0	58.1	58.1	58.1	58.2	58.2	58.3	58.3	58.4	58.5
≥ 9000	56.5	59.3	59.3	59.5	59.6	59.7	59.7	59.8	59.8	59.9	60.0	60.0	60.1	60.2	60.3	60.3
≥ 8000	62.2	65.3	65.4	65.5	65.8	65.8	65.8	65.9	65.9	66.0	66.1	66.1	66.3	66.3	66.4	66.4
≥ 7000	67.8	71.6	71.8	71.9	72.1	72.1	72.2	72.3	72.3	72.4	72.5	72.5	72.7	72.7	72.8	72.8
≥ 6000	69.6	73.5	73.[illegible]	73.8	74.0	74.0	74.1	74.2	74.2	74.3	74.4	74.4	74.6	74.6	74.7	74.8
≥ 5000	72.3	76.7	76.8	76.9	77.2	77.2	77.3	77.4	77.4	77.5	77.6	77.6	77.8	77.8	77.9	78.0
≥ 4500	74.5	79.2	79.3	79.4	79.8	79.8	79.9	80.0	80.0	80.1	80.2	80.2	80.4	80.4	80.6	80.6
≥ 4000	76.4	81.6	81.7	81.9	82.2	82.3	82.4	82.4	82.5	82.6	82.6	82.6	82.8	82.9	83.0	83.1
≥ 3500	78.1	83.6	83.8	83.9	84.3	84.3	84.4	84.5	84.5	84.6	84.7	84.7	84.9	84.9	65.1	85.1
≥ 3000	79.8	86.3	86.5	86.7	87.1	87.2	87.3	87.4	87.4	87.5	87.6	87.6	87.8	87.8	88.0	88.0
≥ 2500	80.9	88.0	88.3	88.6	89.1	89.1	89.3	89.4	89.4	89.5	89.6	89.6	89.8	89.8	90.0	90.0
≥ 2000	81.6	89.0	89.4	89.7	90.2	90.2	90.4	90.5	90.5	90.6	90.7	90.7	90.9	90.9	91.1	91.1
≥ 1800	81.8	89.2	89.7	89.9	90.5	90.5	90.6	90.8	90.8	90.9	91.0	91.0	91.2	91.2	91.4	91.4
≥ 1500	82.5	90.5	91.1	91.4	91.9	92.0	92.1	92.3	92.3	92.4	92.5	92.5	92.7	92.7	92.9	92.9
≥ 1200	83.0	91.3	91.9	92.3	92.9	93.0	93.1	93.3	93.3	93.4	93.5	93.5	93.7	93.8	93.9	93.9
≥ 1000	83.3	92.0	92.8	93.2	93.9	94.0	94.1	94.3	94.3	94.4	94.5	94.5	94.7	94.8	94.9	94.9
≥ 900	83.4	92.1	92.9	93.4	94.2	94.2	94.4	94.5	94.5	94.7	94.8	94.8	95.0	95.0	95.2	95.2
≥ 800	83.6	92.5	93.4	93.9	94.7	94.8	94.9	95.1	95.1	95.2	95.3	95.3	95.5	95.6	95.7	95.8
≥ 700	83.7	92.8	93.8	94.2	95.1	95.2	95.3	95.5	95.5	95.7	95.7	95.8	95.9	96.0	96.2	96.2
≥ 600	83.8	93.2	94.2	94.7	95.6	95.7	95.8	96.0	96.0	96.2	96.3	96.3	96.5	96.5	96.7	96.7
≥ 500	83.9	93.5	94.7	95.2	96.6	96.8	97.0	97.3	97.4	97.6	97.7	97.7	97.9	98.0	98.1	98.2
≥ 400	83.9	93.6	94.8	95.4	97.0	97.2	97.7	97.9	98.0	98.3	98.4	98.5	98.7	98.8	99.0	99.1
≥ 300	83.9	93.7	94.9	95.5	97.3	97.5	98.0	98.3	98.4	98.7	98.9	99.0	99.2	99.4	99.6	99.7
≥ 200	83.9	93.7	94.9	95.6	97.3	97.5	98.1	98.3	98.4	98.8	99.0	99.1	99.4	99.6	99.8	99.9
≥ 100	83.9	93.7	94.9	95.6	97.3	97.5	98.1	98.3	98.4	98.8	99.0	99.1	99.5	99.7	99.9	100.0
≥ 0	83.9	93.7	94.9	95.6	97.3	97.5	98.1	98.3	98.4	98.8	99.0	99.1	99.5	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.5	34.0	34.1	34.3	34.8	34.8	34.9	34.9	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.2
≥ 20000	34.2	36.7	36.8	37.0	37.5	37.5	37.6	37.6	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8
≥ 18000	35.9	38.5	38.8	39.1	39.7	39.7	39.8	39.8	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0
≥ 16000	36.5	39.1	39.5	39.8	40.3	40.3	40.4	40.4	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.6
≥ 14000	38.0	40.6	41.0	41.3	41.8	41.8	41.9	41.9	42.0	42.0	42.0	42.0	42.2	42.2	42.2	42.2
≥ 12000	40.8	43.4	43.8	44.1	44.6	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9
≥ 10000	42.8	46.0	46.3	46.7	47.2	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5
≥ 9000	45.9	49.0	49.4	49.7	50.2	50.2	50.3	50.3	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5
≥ 8000	49.1	53.2	53.7	54.1	54.6	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9
≥ 7000	52.4	56.8	57.2	57.6	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5
≥ 6000	52.8	57.2	57.6	58.1	58.6	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.9	58.9	58.9	56.9
≥ 5000	56.1	61.0	61.6	62.2	62.7	62.7	62.8	62.8	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0
≥ 4500	58.5	63.9	64.5	65.3	65.8	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
≥ 4000	59.1	65.1	65.8	66.8	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8
≥ 3500	60.2	66.6	67.5	68.6	69.5	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8
≥ 3000	61.7	69.8	71.2	72.3	73.4	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9
≥ 2500	62.5	71.1	72.5	73.7	75.2	75.2	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 2000	63.9	73.0	74.6	76.0	78.1	78.5	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6
≥ 1800	64.1	73.5	75.2	76.7	78.9	79.4	80.3	80.5	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8
≥ 1500	64.9	75.6	77.3	79.2	81.8	82.3	83.5	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
≥ 1200	64.9	76.2	78.1	79.9	82.9	83.4	85.4	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 1000	65.5	77.5	79.5	81.6	85.2	85.7	88.1	88.5	88.6	88.7	88.7	88.7	89.0	89.0	89.0	89.0
≥ 900	65.5	78.1	80.1	82.4	86.0	86.8	89.2	89.8	89.9	90.0	90.0	90.0	90.3	90.3	90.3	90.3
≥ 800	65.5	78.3	80.4	83.4	87.2	88.0	90.5	91.2	91.3	91.5	91.6	91.6	91.9	91.9	91.9	91.9
≥ 700	65.6	78.5	80.6	83.7	87.5	88.4	91.0	91.6	91.7	91.9	92.0	92.0	92.[illegible]	92.4	92.4	92.4
≥ 600	65.7	78.8	81.3	84.3	88.5	89.4	91.9	92.6	92.7	92.9	93.0	93.0	93.	93.4	93.4	93.4
≥ 500	65.9	79.8	82.6	85.9	90.8	91.7	94.4	95.1	95.2	95.5	95.6	95.6	95.9	96.0	96.0	96.0
≥ 400	65.9	80.3	83.3	86.9	91.9	93.1	95.8	96.5	96.6	96.9	97.0	97.0	97.3	97.4	97.4	97.4
≥ 300	65.9	80.3	83.3	86.9	92.0	93.2	96.0	96.7	97.0	97.6	97.8	97.8	98.3	98.5	98.7	98.7
≥ 200	65.9	80.3	83.3	86.9	92.0	93.2	96.0	96.8	97.1	97.7	98.1	98.1	98.7	99.0	99.5	99.7
≥ 100	65.9	80.3	83.3	86.9	92.0	93.2	96.0	96.8	97.1	97.7	98.1	98.1	98.7	99.2	99.8	100.0
≥ 0	65.9	80.3	83.3	86.9	92.0	93.2	96.0	96.8	97.1	97.7	98.1	98.1	98.7	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥0
NO CEILING	28.7	32.2	32.4	32.4	32.8	32.9	33.0	33.3	33.3	33.4	33.5	33.5	33.7	33.7	33.7	33.7
≥ 20000	31.1	34.4	34.6	34.6	35.1	35.2	35.3	35.6	35.6	35.7	35.9	35.9	36.1	36.1	36.1	36.1
≥ 18000	32.4	36.1	36.5	36.6	37.0	37.1	37.2	37.5	37.5	37.6	37.8	37.8	38.2	38.2	38.3	38.3
≥ 16000	32.7	36.8	37.1	37.2	37.6	37.7	37.8	38.2	38.2	38.3	38.5	38.5	38.8	38.8	38.9	38.9
≥ 14000	34.1	38.2	38.5	38.6	39.0	39.1	39.2	39.6	39.6	39.7	39.9	39.9	40.2	40.2	40.3	40.3
≥ 12000	35.9	40.1	40.4	40.5	41.0	41.1	41.2	41.5	41.5	41.6	41.8	41.8	42.2	42.2	42.3	42.3
≥ 10000	39.4	43.9	44.2	44.3	44.7	44.8	45.1	45.4	45.4	45.5	45.7	45.7	46.0	46.0	46.1	46.1
≥ 9000	40.8	45.3	45.6	45.7	46.1	46.2	46.5	46.8	46.8	46.9	47.1	47.1	47.4	47.4	47.5	47.5
≥ 8000	44.4	49.8	50.3	50.4	50.9	51.0	51.2	51.5	51.5	51.6	51.8	51.8	52.2	52.2	52.3	52.3
≥ 7000	47.5	53.7	54.2	54.3	54.7	54.8	55.1	55.4	55.4	55.5	55.7	55.7	56.0	56.0	56.1	56.1
≥ 6000	48.2	54.3	54.8	54.9	55.5	55.6	55.8	56.1	56.1	56.2	56.5	56.5	56.8	56.8	56.9	56.9
≥ 5000	51.3	57.8	58.5	58.7	59.2	59.4	59.6	59.9	59.9	60.0	60.2	60.2	60.5	60.5	60.6	60.6
≥ 4500	54.5	61.6	62.3	62.6	63.1	63.2	63.4	63.8	63.8	63.9	64.1	64.1	64.4	64.4	64.5	64.5
≥ 4000	56.2	64.2	64.9	65.6	66.6	66.7	66.9	67.2	67.2	67.3	67.5	67.5	67.8	67.8	68.0	68.0
≥ 3500	57.1	65.8	66.6	67.2	68.3	68.4	68.6	68.9	68.9	69.0	69.2	69.2	69.6	69.6	69.7	69.7
≥ 3000	58.9	68.6	69.4	70.0	71.4	71.5	71.7	72.0	72.0	72.2	72.4	72.4	72.7	72.7	72.8	72.8
≥ 2500	61.2	71.5	72.3	72.9	74.5	74.7	74.9	75.3	75.3	75.4	75.6	75.6	75.9	75.9	76.0	76.0
≥ 2000	61.5	72.9	74.0	74.7	77.0	77.2	77.6	78.0	78.0	78.1	78.3	78.3	78.6	78.6	78.7	78.7
≥ 1800	61.8	73.3	74.5	75.3	77.5	77.7	78.2	78.5	78.5	78.6	78.8	78.8	79.1	79.1	79.2	79.2
≥ 1500	62.9	74.9	76.5	77.6	80.2	80.5	81.1	81.4	81.4	81.5	81.7	81.7	82.0	82.0	82.2	82.2
≥ 1200	63.3	76.6	78.2	79.6	82.7	83.0	83.9	84.5	84.5	84.6	84.8	84.8	85.2	85.2	85.3	85.3
≥ 1000	63.5	77.4	79.2	81.0	84.8	85.4	86.9	87.6	87.6	87.7	88.0	88.0	88.4	88.4	8 .5	88.5
≥ 900	63.5	77.6	79.5	81.4	85.6	86.5	88.2	88.9	88.9	89.0	89.2	89.2	89.7	89.7	89.8	89.8
≥ 800	64.1	78.9	80.8	82.8	87.1	88.0	89.7	90.4	90.4	90.5	90.8	90.8	91.2	91.2	91.3	91.3
≥ 700	64.5	79.7	81.5	83.5	87.8	88.7	90.4	91.2	91.2	91.3	91.5	91.5	91.9	91.9	92.0	92.0
≥ 600	64.6	80.6	82.5	84.7	89.2	90.2	91.9	92.7	92.7	92.8	93.0	93.0	93.4	93.4	93.5	93.5
≥ 500	64.6	81.2	83.9	86.2	91.3	92.4	94.1	94.8	94.8	94.9	95.2	95.2	95.6	95.6	95.7	95.7
≥ 400	64.8	82.2	84.9	87.7	93.0	94.4	96.1	97.0	97.0	97.1	97.3	97.3	97.7	97.7	97.8	97.8
≥ 300	64.8	82.2	84.9	87.7	93.0	94.4	96.3	97.2	97.2	97.5	97.7	97.7	98.6	98.7	98.9	98.9
≥ 200	64.8	82.2	84.9	87.7	93.0	94.4	96.3	97.2	97.2	97.5	97.8	97.8	99.2	99.4	99.7	100.0
≥ 100	64.8	82.2	84.9	87.7	93.0	94.4	96.3	97.2	97.2	97.5	97.8	97.8	99.2	99.4	99.7	100.0
≥ 0	64.8	82.2	84.9	87.7	93.0	94.4	96.3	97.2	97.2	97.5	97.8	97.8	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 255C STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2800 HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	0
NO CEILING	22.3	23.8	24.5	24.7	25.1	25.4	25.5	25.5	25.5	25.5	25.6	25.6	25.9	26.1	26.2	26.3
≥ 20000	27.0	28.0	28.7	28.9	29.2	29.6	29.7	29.7	29.7	29.7	29.8	29.8	30.1	30.3	30.4	30.5
≥ 18000	30.9	31.8	32.6	32.8	33.1	33.4	33.5	33.5	33.5	33.5	33.7	33.7	34.0	34.2	34.3	34.4
≥ 16000	31.6	32.6	33.3	33.5	33.9	34.2	34.3	34.3	34.3	34.3	34.4	34.4	34.7	34.9	35.1	35.2
≥ 14000	32.5	33.4	34.3	34.5	34.8	35.2	35.3	35.3	35.3	35.3	35.4	35.4	35.7	35.9	36.0	36.1
≥ 12000	34.9	36.1	37.0	37.2	37.5	37.8	38.0	38.0	38.0	38.0	38.1	38.1	38.4	38.6	38.7	38.8
≥ 10000	40.0	41.6	42.6	42.9	43.3	43.7	43.9	43.9	43.9	43.9	44.0	44.0	44.3	44.6	44.7	44.8
≥ 9000	41.6	43.2	44.2	44.5	44.9	45.3	45.5	45.5	45.5	45.5	45.6	45.6	45.9	46.2	46.3	46.5
≥ 8000	45.5	48.1	49.0	49.6	50.1	50.4	50.6	50.6	50.6	50.6	50.9	50.9	51.2	51.5	51.6	51.8
≥ 7000	50.0	53.1	54.1	54.6	55.4	55.7	55.9	55.9	55.9	55.9	56.1	56.1	56.5	56.8	56.9	57.1
≥ 6000	50.5	54.1	55.1	55.6	56.3	56.7	56.9	56.9	56.9	56.9	57.1	57.1	57.4	57.7	57.8	58.1
≥ 5000	54.0	57.6	58.6	59.4	60.2	60.5	60.8	60.8	60.8	60.8	61.0	61.0	61.3	61.6	61.7	61.9
≥ 4500	56.5	60.3	61.3	62.3	63.1	63.4	63.7	63.7	63.7	63.7	63.9	63.9	64.2	64.5	64.6	64.8
≥ 4000	58.2	62.9	63.9	64.9	66.0	66.6	66.8	66.9	66.9	66.9	67.1	67.1	67.4	67.7	67.8	68.1
≥ 3500	60.1	65.3	66.3	67.4	68.9	69.6	69.8	69.9	69.9	69.9	70.1	70.1	70.4	70.8	70.9	71.1
≥ 3000	62.3	68.2	69.4	70.4	72.4	73.1	73.3	73.4	73.4	73.4	73.7	73.7	74.0	74.3	74.4	74.6
≥ 2500	64.1	70.8	71.9	73.2	75.4	76.1	76.3	76.5	76.5	76.5	76.7	76.7	77.0	77.3	77.4	77.6
≥ 2000	65.1	72.7	74.1	75.5	77.8	78.8	79.1	79.2	79.2	79.2	79.5	79.5	79.8	80.1	80.2	80.4
≥ 1800	65.6	73.0	74.4	75.9	78.4	79.4	79.7	79.8	79.8	79.8	80.0	80.0	80.3	80.6	80.8	81.0
≥ 1500	66.6	74.7	76.2	78.0	80.9	81.9	82.7	82.8	82.8	83.0	83.2	83.2	83.7	84.0	84.1	84.3
≥ 1200	67.1	75.4	76.9	78.6	81.7	82.9	83.9	84.0	84.0	84.3	84.5	84.5	84.9	85.3	85.4	85.6
≥ 1000	67.8	77.2	79.1	81.2	84.6	85.9	87.0	87.3	87.3	87.8	88.3	88.3	88.8	89.1	89.2	89.5
≥ 900	67.8	77.4	79.4	81.4	84.9	86.5	87.5	87.8	87.8	88.4	88.8	88.8	89.4	89.7	89.8	90.0
≥ 800	68.2	78.0	79.9	82.0	85.7	87.3	88.4	88.7	88.7	89.4	89.8	89.8	90.3	90.6	90.8	91.0
≥ 700	68.3	78.4	80.3	82.6	86.3	88.0	89.0	89.4	89.4	90.0	90.4	90.4	91.0	91.3	91.4	91.6
≥ 600	68.7	79.7	81.6	84.1	88.0	90.0	91.1	91.5	91.5	92.2	92.6	92.6	93.1	93.4	93.5	93.8
≥ 500	68.9	80.4	82.7	85.2	89.4	91.4	92.5	92.9	93.0	93.7	94.1	94.1	94.6	94.9	95.1	95.3
≥ 400	69.3	81.7	84.3	86.5	91.0	93.1	94.3	95.1	95.2	95.8	96.3	96.3	97.1	97.5	97.6	97.8
≥ 300	69.0	81.9	84.2	86.8	91.6	93.8	95.1	95.8	95.9	96.7	97.3	97.3	98.2	98.6	98.9	99.1
≥ 200	69.0	81.9	84.2	86.8	91.6	93.8	95.1	95.9	96.0	96.8	97.4	97.4	98.5	98.9	99.5	100.0
≥ 100	69.0	81.9	84.2	86.8	91.6	93.8	95.1	95.9	96.0	96.8	97.4	97.4	98.5	98.9	99.5	100.0
≥ 0	69.0	81.9	84.2	86.8	91.6	93.8	95.1	95.9	96.0	96.8	97.4	97.4	98.5	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.1	22.8	22.9	23.4	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	24.0	24.0	24.1	24.1
≥ 20000	29.1	29.9	30.0	30.5	30.9	30.9	30.9	30.9	30.9	30.9	31.0	31.0	31.2	31.2	31.3	31.3
≥ 18000	32.9	34.1	34.4	34.9	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.6	35.6	35.7	35.7
≥ 16000	33.5	34.8	35.2	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.1	36.1	36.3	36.3	36.5	36.5
≥ 14000	35.4	36.7	37.0	37.5	37.8	37.8	37.8	37.8	37.8	37.8	38.0	38.0	38.2	38.2	38.3	38.3
≥ 12000	39.0	40.3	40.5	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.8	41.8	41.9	41.9
≥ 10000	44.1	45.4	45.7	46.2	46.6	46.6	46.6	46.6	46.7	46.7	46.8	46.8	47.0	47.0	47.2	47.2
≥ 9000	46.3	47.6	48.0	48.5	48.8	48.8	48.8	48.8	48.9	48.9	49.0	49.0	49.2	49.2	49.5	49.5
≥ 8000	51.3	53.8	54.5	55.1	55.6	55.6	55.6	55.6	55.7	55.7	55.8	55.8	56.0	56.0	56.2	56.2
≥ 7000	55.5	57.6	58.4	59.0	59.6	59.6	59.6	59.6	59.7	59.7	59.8	59.8	60.0	60.0	60.2	60.2
≥ 6000	56.1	58.6	59.4	60.0	60.5	60.5	60.5	60.5	60.6	60.6	60.8	60.8	61.0	61.0	61.2	61.2
≥ 5000	57.8	60.6	61.4	62.0	62.6	62.6	62.6	62.6	62.7	62.7	62.8	62.8	63.0	63.0	63.2	63.2
≥ 4500	60.1	63.1	63.9	64.6	65.4	65.4	65.5	65.5	65.6	65.6	65.7	65.7	65.9	65.9	66.1	66.1
≥ 4000	62.3	65.5	66.2	67.0	68.2	68.3	68.4	68.4	68.5	68.5	68.6	68.6	68.8	68.8	69.0	69.0
≥ 3500	63.9	68.0	68.7	69.5	70.8	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.4	71.4	71.6	71.6
≥ 3000	66.1	71.1	72.0	73.1	74.6	74.8	75.1	75.1	75.2	75.2	75.3	75.3	75.5	75.5	75.8	75.8
≥ 2500	67.0	72.8	73.8	74.8	76.8	77.0	77.5	77.6	77.7	77.7	77.8	77.8	78.1	78.1	78.4	78.4
≥ 2000	68.1	74.5	75.5	76.6	78.5	78.8	79.5	79.7	79.8	79.8	79.9	79.9	80.1	80.1	80.4	80.4
≥ 1800	68.1	74.5	75.5	76.6	78.5	78.8	79.6	79.8	79.9	79.9	80.0	80.0	80.2	80.2	80.5	80.5
≥ 1500	68.9	76.1	77.2	78.3	80.2	80.8	81.5	81.7	81.8	82.0	82.2	82.2	82.4	82.4	82.7	82.7
≥ 1200	69.5	76.8	77.8	79.0	81.1	81.7	82.7	83.0	83.2	83.4	83.5	83.5	83.8	83.8	84.1	84.1
≥ 1000	69.9	78.1	79.7	80.9	83.4	84.1	85.6	86.0	86.5	87.0	87.5	87.5	87.7	87.7	88.1	88.1
≥ 900	70.0	78.6	80.3	81.7	84.3	84.9	86.7	87.2	88.0	88.5	89.0	89.0	89.2	89.2	89.6	89.6
≥ 800	70.2	79.1	80.9	82.4	85.1	85.7	87.4	88.2	88.9	89.5	90.0	90.0	90.2	90.2	90.5	90.5
≥ 700	70.5	80.2	82.0	83.7	86.5	87.2	89.0	89.8	90.6	91.3	92.4	92.4	92.6	92.6	92.9	92.9
≥ 600	70.6	80.9	82.7	84.6	87.8	88.6	90.4	91.2	92.3	93.3	94.4	94.4	94.7	94.7	95.1	95.1
≥ 500	70.6	81.4	83.4	85.5	88.8	89.7	91.5	92.3	93.3	94.5	95.7	95.7	96.0	96.0	96.3	96.3
≥ 400	70.6	81.5	83.8	85.9	89.6	90.4	92.4	93.2	94.4	95.7	97.1	97.1	97.5	97.6	98.0	98.0
≥ 300	70.6	81.7	84.4	86.8	90.8	91.6	93.5	94.4	95.6	97.0	98.4	98.4	98.9	99.0	99.4	99.4
≥ 200	70.6	81.7	84.4	86.8	90.8	91.6	93.7	94.5	95.7	97.1	98.5	98.5	99.0	99.2	99.7	99.9
≥ 100	70.6	81.7	84.4	86.8	90.8	91.6	93.7	94.5	95.7	97.1	98.5	98.5	99.0	99.2	99.8	100.0
≥ 0	70.6	81.7	84.4	86.8	90.8	91.6	93.7	94.5	95.7	97.1	98.5	98.5	99.0	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1800 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	24.3	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 20000	31.3	31.8	31.8	31.9	31.9	31.9	32.1	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 18000	36.2	36.8	36.8	36.9	36.9	36.9	37.1	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 16000	36.9	37.4	37.4	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 14000	38.7	39.2	39.2	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 12000	41.7	42.4	42.4	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 10000	46.9	47.4	47.4	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 9000	48.9	49.7	49.7	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 8000	53.7	55.1	55.1	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 7000	56.7	58.5	58.5	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6000	58.8	60.8	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 5000	61.8	64.0	64.1	64.2	64.3	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4500	63.0	65.3	65.3	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4000	63.8	66.5	66.5	66.7	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3500	65.7	68.9	68.9	69.2	69.7	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 3000	67.8	72.0	72.1	73.0	73.7	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	68.9	73.1	74.3	74.9	75.7	75.7	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2000	70.2	75.1	76.0	77.0	77.7	77.8	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1800	70.3	75.3	76.3	77.3	78.1	78.2	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1500	71.7	77.2	78.6	79.7	80.6	80.9	81.7	82.2	82.4	82.7	82.9	82.9	83.0	83.0	83.0	83.0
≥ 1200	72.4	78.9	80.4	81.6	82.8	83.3	84.4	84.9	85.3	85.6	85.8	85.8	85.9	85.9	85.9	85.9
≥ 1000	73.0	81.1	82.8	84.2	86.2	86.6	88.5	89.8	90.3	91.0	91.2	91.2	91.3	91.3	91.3	91.3
≥ 900	74.1	82.5	84.2	85.6	87.7	88.3	90.0	91.3	91.8	92.5	92.7	92.7	92.9	92.9	92.9	92.9
≥ 800	74.6	83.3	85.3	86.7	88.8	89.5	91.2	92.5	93.0	93.8	94.1	94.1	94.3	94.3	94.3	94.3
≥ 700	74.7	84.0	85.9	87.3	89.7	90.3	92.0	93.3	93.9	94.6	94.9	94.9	95.2	95.2	95.2	95.2
≥ 600	75.4	85.1	87.2	88.7	91.1	91.7	93.4	94.8	95.4	96.1	96.5	96.5	96.7	96.7	96.7	96.7
≥ 500	75.6	85.4	87.6	89.6	92.0	92.7	94.4	95.8	96.3	97.2	97.6	97.6	97.8	97.8	97.8	97.8
≥ 400	75.6	85.4	88.0	89.9	92.4	93.0	94.7	96.1	96.7	97.6	98.2	98.2	98.4	98.4	98.4	98.4
≥ 300	75.6	85.7	88.3	90.2	92.9	93.7	95.4	96.8	97.3	98.3	99.0	99.1	99.6	99.6	99.6	99.6
≥ 200	75.6	85.7	88.3	90.2	92.9	93.7	95.4	96.9	97.4	98.4	99.1	99.2	99.7	99.7	99.7	100.0
≥ 100	75.6	85.7	88.3	90.2	92.9	93.7	95.4	96.9	97.4	98.4	99.1	99.2	99.7	99.7	99.7	100.0
≥ 0	75.6	85.7	88.3	90.2	92.9	93.7	95.4	96.9	97.4	98.4	99.1	99.2	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	25.3	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 20000	31.1	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 18000	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 16000	37.3	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 14000	38.4	38.5	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 12000	41.4	41.7	41.9	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 10000	45.9	46.2	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 9000	49.1	49.8	49.9	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
≥ 8000	55.1	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 7000	58.4	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 6000	60.3	62.9	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
≥ 5000	62.2	65.1	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4500	63.1	66.1	66.3	66.3	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4000	63.5	67.1	67.4	67.4	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3500	66.1	70.6	71.2	71.2	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3000	67.7	73.5	74.2	74.3	75.2	75.2	75.4	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2500	68.3	74.9	76.3	76.5	77.4	77.5	77.7	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2000	69.9	77.2	78.6	79.4	80.6	80.8	81.2	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1800	70.2	77.6	79.1	79.9	81.3	81.4	81.8	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1500	72.3	79.8	81.8	83.1	84.9	85.2	85.6	86.6	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1200	72.7	80.9	83.0	84.6	86.9	87.1	87.7	88.8	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1000	73.1	82.2	84.3	86.1	88.4	88.9	90.0	91.3	91.6	92.5	93.0	93.0	93.1	93.1	93.1	93.1
≥ 900	73.3	82.5	84.6	86.5	88.7	89.2	90.5	91.8	92.2	93.0	93.5	93.5	93.7	93.7	93.7	93.7
≥ 800	74.0	83.2	85.4	87.2	89.7	90.2	91.6	93.1	93.8	94.4	94.9	94.9	95.1	95.1	95.1	95.1
≥ 700	74.5	84.1	86.2	88.1	90.5	91.1	92.5	94.0	94.3	95.3	95.8	95.8	95.9	95.9	95.9	95.9
≥ 600	74.8	84.7	86.9	88.8	91.3	91.8	93.3	94.8	95.3	96.2	96.8	96.8	96.9	96.9	96.9	96.9
≥ 500	74.8	85.1	87.2	89.4	91.8	92.4	93.9	95.4	95.8	96.9	97.5	97.6	97.8	97.8	97.8	97.8
≥ 400	74.8	85.2	87.4	89.6	92.0	92.6	94.1	95.6	96.1	97.2	97.8	98.0	98.3	98.3	98.3	98.3
≥ 300	74.8	85.2	87.4	89.7	92.5	93.0	94.8	96.5	97.0	98.3	98.9	99.1	99.5	99.5	99.5	99.5
≥ 200	74.8	85.2	87.4	89.7	92.5	93.0	94.8	96.5	97.0	98.5	99.1	99.4	99.7	99.7	99.7	99.8
≥ 100	74.8	85.2	87.4	89.7	92.5	93.0	94.8	96.5	97.0	98.5	99.1	99.4	99.7	99.7	99.7	100.0
≥ 0	74.8	85.2	87.4	89.7	92.5	93.0	94.8	96.5	97.0	98.5	99.1	99.4	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-62 YEARS — OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000 HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥0
NO CEILING	27.4	28.4	28.7	28.7	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥ 20000	32.5	33.7	34.1	34.0	34.1	34.2	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 18000	35.1	36.5	36.8	36.8	36.9	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 16000	36.7	38.1	38.4	38.4	38.5	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 14000	37.8	39.2	39.6	39.6	39.7	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 12000	40.1	41.5	41.8	41.8	41.9	42.0	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 10000	43.3	45.2	45.5	45.5	45.6	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 9000	46.5	48.3	48.6	48.6	48.7	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 8000	52.0	54.0	54.3	54.3	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 7000	56.5	59.2	59.6	59.6	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 6000	57.8	60.6	61.0	61.0	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	59.7	63.1	63.7	63.7	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4500	61.0	64.9	65.5	65.6	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4000	62.0	66.7	67.4	67.6	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 3500	63.7	69.4	70.2	70.4	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	64.7	72.4	73.4	74.0	75.3	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2500	66.2	74.9	76.5	77.5	79.0	79.2	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2000	67.2	76.0	77.7	79.4	81.0	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1800	67.5	76.6	78.3	79.9	81.6	81.9	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1500	68.1	77.8	80.1	82.3	84.3	84.7	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1200	68.4	78.3	80.9	83.4	85.9	86.6	87.2	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1000	68.7	79.1	82.2	84.8	88.2	89.1	90.2	90.5	90.8	90.9	91.3	91.3	91.4	91.4	91.4	91.4
≥ 900	68.8	79.5	82.5	85.4	88.7	89.7	91.2	91.5	91.7	91.9	92.5	92.5	92.6	92.6	92.6	92.6
≥ 800	68.8	79.5	82.7	85.6	88.9	89.9	91.4	91.8	92.0	92.3	93.0	93.0	93.1	93.1	93.1	93.1
≥ 700	68.8	79.9	83.1	86.2	89.6	90.5	92.3	92.7	93.0	93.3	94.1	94.1	94.2	94.2	94.2	94.2
≥ 600	69.4	80.9	84.2	87.3	90.9	91.9	93.8	94.2	94.5	94.8	95.7	95.7	95.8	95.8	95.8	95.8
≥ 500	69.4	81.6	85.1	88.4	92.3	93.3	95.2	95.7	96.1	96.5	97.3	97.3	97.4	97.4	97.4	97.4
≥ 400	69.4	81.7	85.3	88.6	92.9	94.0	95.8	96.3	96.8	97.2	98.1	98.1	98.2	98.2	98.2	98.2
≥ 300	69.4	81.7	85.3	88.6	93.1	94.2	96.0	97.3	98.0	98.4	99.2	99.2	99.5	99.6	99.6	99.6
≥ 200	69.4	81.7	85.3	88.6	93.1	94.2	96.0	97.3	98.0	98.4	99.4	99.4	99.7	99.9	99.9	99.9
≥ 100	69.4	81.7	85.3	88.6	93.1	94.2	96.0	97.3	98.0	98.4	99.4	99.4	99.8	100.0	100.0	100.0
≥ 0	69.4	81.7	85.3	88.6	93.1	94.2	96.0	97.3	98.0	98.4	99.4	99.4	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	33.1	34.2	35.1	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 20000	36.0	37.8	38.1	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6
≥ 18000	37.8	39.7	40.1	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.8	40.8	40.8	40.8
≥ 9000	39.0	41.0	41.4	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0
≥ 14000	41.3	42.3	42.7	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3
≥ 12000	42.5	44.4	44.8	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5
≥ 10000	45.3	47.5	48.0	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6
≥ 9000	47.8	50.1	50.5	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2
≥ 8000	50.8	53.3	53.8	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4
≥ 7000	54.2	57.7	58.2	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8
≥ 6000	55.1	58.6	59.0	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7
≥ 5000	56.6	60.8	61.2	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
≥ 4500	58.3	63.2	63.7	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 4000	59.0	65.1	65.7	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7
≥ 3500	60.6	67.2	68.2	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4
≥ 3000	61.7	69.8	71.3	71.9	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
≥ 2500	63.5	72.4	73.8	75.1	75.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
≥ 2000	64.7	74.1	75.7	77.7	78.6	78.9	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 1800	65.2	74.8	76.5	78.6	79.5	79.8	80.5	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8
≥ 1500	66.0	76.6	78.3	80.5	81.6	82.0	82.9	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 1200	66.1	77.3	79.2	82.6	84.1	84.5	85.6	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 1000	66.3	78.5	80.6	84.3	86.3	86.8	88.5	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1
≥ 900	66.3	78.6	80.9	84.5	86.8	87.5	89.4	89.8	89.8	89.9	89.9	89.9	90.1	90.1	90.1	90.1
≥ 800	66.6	78.8	81.2	84.8	87.2	88.0	89.9	90.3	90.4	90.5	90.5	90.5	90.8	90.8	90.8	90.8
≥ 700	66.8	79.2	81.6	85.3	87.7	88.6	90.6	91.2	91.3	91.4	91.4	91.4	91.7	91.7	91.7	91.7
≥ 600	67.1	80.3	82.7	86.6	89.2	90.1	92.2	92.7	92.8	92.9	92.9	93.0	93.3	93.3	93.4	93.4
≥ 500	67.4	81.1	83.9	88.2	91.4	92.4	94.6	95.3	95.4	95.5	95.5	95.6	96.1	96.1	96.2	96.2
≥ 400	67.4	81.3	84.3	88.7	92.4	93.3	95.7	96.3	96.5	96.6	96.6	96.7	97.3	97.3	97.4	97.4
≥ 300	67.4	81.3	84.3	89.1	93.2	94.2	96.7	97.4	97.8	98.1	98.2	98.3	98.9	98.9	99.0	99.0
≥ 200	67.4	81.4	84.4	89.2	93.4	94.4	96.9	97.6	98.1	98.3	98.5	98.6	99.4	99.4	99.5	99.7
≥ 100	67.4	81.4	84.4	89.2	93.4	94.4	97.0	97.7	98.2	98.4	98.6	98.7	99.5	99.6	99.7	100.0
≥ 0	67.4	81.4	84.4	89.2	93.4	94.4	97.0	97.7	98.2	98.4	98.6	98.7	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 255C (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	27.1	26.4	28.6	28.8	29.0	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.3	29.3	29.4	29.4
≥ 20000	31.5	32.9	33.2	33.3	33.6	33.6	33.7	33.7	33.8	33.8	33.8	33.8	33.9	34.0	34.0	34.0
≥ 18000	34.6	36.1	36.4	36.7	36.9	36.9	37.0	37.0	37.1	37.1	37.1	37.1	37.3	37.3	37.3	37.4
≥ 16000	35.5	37.2	37.5	37.7	37.9	38.0	38.0	38.1	38.1	38.1	38.2	38.2	38.3	38.3	38.4	38.4
≥ 14000	36.9	38.5	38.9	39.1	39.3	39.4	39.4	39.5	39.5	39.5	39.6	39.6	39.7	39.7	39.8	39.8
≥ 12000	39.5	41.3	41.6	41.8	42.0	42.1	42.2	42.2	42.2	42.2	42.3	42.3	42.4	42.5	42.5	42.5
≥ 10000	43.4	45.4	45.8	46.0	46.2	46.3	46.4	46.4	46.5	46.5	46.5	46.5	46.7	46.7	46.8	46.8
≥ 9000	45.9	47.9	48.2	48.5	48.7	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.2	49.2	49.2	49.3
≥ 8000	50.3	53.0	53.4	53.7	54.0	54.0	54.1	54.2	54.2	54.2	54.3	54.3	54.4	54.5	54.5	54.5
≥ 7000	53.9	57.2	57.6	57.9	58.3	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.7	58.8	58.8	58.8
≥ 6000	55.0	58.4	58.8	59.1	59.5	59.5	59.6	59.7	59.7	59.7	59.8	59.8	59.9	60.0	60.0	60.0
≥ 5000	57.4	61.3	61.8	62.1	62.5	62.6	62.7	62.7	62.8	62.8	62.9	62.8	63.0	63.0	63.1	63.1
≥ 4500	59.4	63.6	64.1	64.5	65.0	65.0	65.1	65.2	65.2	65.3	65.3	65.3	65.5	65.5	65.6	65.6
≥ 4000	60.5	65.4	66.0	66.5	67.2	67.3	67.4	67.5	67.5	67.5	67.6	67.6	67.7	67.8	67.8	67.8
≥ 3500	62.2	67.7	68.5	69.1	69.8	70.0	70.1	70.1	70.2	70.2	70.3	70.3	70.4	70.4	70.5	70.5
≥ 3000	63.9	70.7	71.7	72.4	73.5	73.7	73.9	74.1	74.1	74.1	74.2	74.2	74.3	74.4	74.4	74.5
≥ 2500	65.2	72.9	73.9	74.8	76.2	76.4	76.8	77.0	77.0	77.1	77.1	77.1	77.3	77.3	77.4	77.4
≥ 2000	66.3	74.4	75.8	77.0	78.7	79.4	79.6	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.2	80.2
≥ 1800	66.6	74.8	76.2	77.5	79.2	79.6	80.1	80.4	80.5	80.5	80.6	80.6	80.7	80.7	80.8	80.8
≥ 1500	67.6	76.6	78.3	79.8	81.8	82.3	83.0	83.4	83.4	83.5	83.7	83.7	83.8	83.9	83.9	84.0
≥ 1200	68.0	77.5	79.3	81.2	83.5	84.1	85.1	85.6	85.7	85.8	85.9	85.9	86.1	86.1	86.2	86.2
≥ 1000	68.5	78.9	80.9	83.0	85.9	86.6	88.1	88.8	89.0	89.3	89.6	89.6	89.9	89.9	90.0	90.0
≥ 900	68.7	79.3	81.4	83.6	86.6	87.4	89.1	89.8	90.0	90.4	90.7	90.7	91.0	91.0	91.1	91.1
≥ 800	69.0	79.9	82.1	84.4	87.5	88.3	90.0	90.8	91.0	91.5	91.8	91.8	92.1	92.2	92.2	92.2
≥ 700	69.2	80.5	82.7	85.0	88.2	89.1	90.9	91.6	91.9	92.4	92.8	92.8	93.1	93.1	93.2	93.2
≥ 600	69.5	81.4	83.6	86.1	89.5	90.5	92.3	93.1	93.4	93.9	94.4	94.4	94.7	94.7	94.8	94.8
≥ 500	69.7	82.0	84.5	87.3	91.0	92.0	93.8	94.7	95.0	95.6	96.1	96.1	96.4	96.5	96.6	96.6
≥ 400	69.7	82.4	85.1	88.0	91.9	93.0	94.9	95.8	96.1	96.8	97.3	97.3	97.7	97.8	97.9	97.9
≥ 300	69.7	82.5	85.3	88.2	92.4	93.5	95.5	96.5	97.0	97.7	98.3	98.4	98.9	99.0	99.2	99.2
≥ 200	69.7	82.5	85.3	88.2	92.4	93.5	95.5	96.6	97.1	97.8	98.5	98.5	99.2	99.4	99.6	99.9
≥ 100	69.7	82.5	85.3	88.2	92.4	93.5	95.5	96.6	97.1	97.8	98.5	98.6	99.3	99.5	99.7	100.0
≥ 0	69.7	82.5	85.3	88.2	92.4	93.5	95.5	96.6	97.1	97.8	98.5	98.6	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-62 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200 HOUR (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/16	≥¼	≥0
NO CEILING	39.6	44.4	45.7	46.6	47.8	48.1	48.2	48.3	48.3	48.4	48.4	48.4	48.6	48.6	48.6	48.7
≥ 20000	40.1	46.2	47.4	48.3	49.6	49.9	50.0	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.4
≥ 18000	42.3	49.3	50.6	51.4	52.7	53.0	53.1	53.2	53.2	53.3	53.3	53.3	53.6	53.7	53.7	53.8
≥ 6000	42.6	49.6	50.8	51.7	52.9	53.2	53.3	53.4	53.4	53.6	53.6	53.6	53.8	53.9	53.9	54.0
≥ 14000	43.6	50.6	51.8	52.7	53.9	54.2	54.3	54.4	54.4	54.6	54.6	54.6	54.8	54.9	54.9	55.0
≥ 12000	44.8	51.9	53.1	54.0	55.2	55.6	55.7	55.8	55.8	55.9	55.9	55.9	56.1	56.2	56.2	56.3
≥ 10000	48.2	56.3	57.6	58.4	59.8	60.1	60.2	60.3	60.3	60.4	60.4	60.4	60.7	60.8	60.8	60.9
≥ 9000	49.9	58.0	59.2	60.1	61.4	61.8	61.9	62.0	62.0	62.1	62.1	62.1	62.3	62.4	62.4	62.6
≥ 8000	53.6	62.3	63.6	64.4	65.8	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.7	66.8	66.8	66.9
≥ 7000	56.1	65.2	66.6	67.4	68.8	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.7	69.8	69.9	69.9
≥ 6000	57.4	67.0	68.6	69.4	71.0	71.3	71.4	71.6	71.6	71.7	71.7	71.7	71.9	72.0	72.0	72.1
≥ 5000	59.1	69.1	70.7	71.6	73.1	73.4	73.6	73.7	73.7	73.8	73.8	73.8	74.0	74.1	74.1	74.2
≥ 4500	59.9	70.6	72.3	73.2	74.9	75.2	75.3	75.4	75.4	75.6	75.6	75.6	75.8	75.9	75.9	76.0
≥ 4000	60.6	71.9	73.8	74.8	76.4	76.8	76.9	77.0	77.0	77.1	77.1	77.1	77.3	77.4	77.4	77.6
≥ 3500	61.2	73.4	75.8	76.9	78.7	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.6	79.7	79.7	79.8
≥ 3000	63.2	76.2	79.1	80.6	82.7	83.0	83.3	83.4	83.4	83.6	83.6	83.6	83.8	83.9	83.9	84.0
≥ 2500	64.6	78.3	80.9	82.8	85.6	85.9	86.2	86.3	86.3	86.4	86.4	86.4	86.7	86.8	86.8	86.9
≥ 2000	65.0	78.9	81.8	84.0	87.3	87.8	88.4	88.6	88.6	88.7	88.7	88.7	88.9	89.0	89.0	89.1
≥ 1800	65.2	79.4	82.3	84.6	88.1	88.6	89.2	89.3	89.3	89.4	89.4	89.4	89.7	89.8	89.8	89.9
≥ 1500	65.4	79.9	83.0	85.4	89.3	89.6	91.0	91.1	91.1	91.2	91.2	91.2	91.4	91.6	91.6	91.7
≥ 1200	65.8	80.7	83.8	86.3	90.8	91.2	92.4	92.6	92.6	92.8	92.8	92.8	93.0	93.1	93.1	93.2
≥ 1000	66.0	81.1	84.3	86.9	91.4	91.9	93.3	93.6	93.6	93.9	93.9	93.9	94.2	94.3	94.3	94.4
≥ 900	66.1	81.6	84.8	87.3	92.1	92.6	94.2	94.4	94.4	94.8	94.8	94.8	95.1	95.2	95.2	95.3
≥ 800	66.1	81.6	84.8	87.3	92.4	93.1	94.6	94.8	94.8	95.1	95.2	95.2	95.6	95.7	95.7	95.8
≥ 700	66.1	81.6	84.8	87.3	92.6	93.2	94.9	95.2	95.2	95.6	95.7	95.7	96.0	96.1	96.1	96.2
≥ 600	66.1	81.8	85.1	87.7	93.3	94.0	95.8	96.2	96.2	96.6	96.8	96.8	97.1	97.2	97.2	97.3
≥ 500	66.1	82.0	85.3	87.9	93.6	94.2	96.1	96.7	96.8	97.1	97.3	97.3	98.0	98.1	98.2	98.6
≥ 400	66.1	82.0	85.3	87.9	93.9	94.6	96.6	97.1	97.2	97.6	97.8	97.8	98.4	98.6	98.7	99.0
≥ 300	66.1	82.0	85.3	87.9	94.2	94.9	96.9	97.4	97.6	97.9	98.1	98.1	98.8	98.9	99.0	99.3
≥ 200	66.1	82.0	85.3	87.9	94.3	95.0	97.1	97.7	97.8	98.1	98.4	98.4	99.2	99.3	99.4	99.8
≥ 100	66.1	82.0	85.3	87.9	94.3	95.0	97.1	97.8	97.9	98.2	98.6	98.6	99.4	99.6	99.7	100.0
≥ 0	66.1	82.0	85.3	87.9	94.3	95.0	97.1	97.8	97.9	98.2	98.6	98.6	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.1	41.9	42.9	43.3	44.1	44.2	44.7	44.9	44.9	45.0	45.0	45.0	45.1	45.1	45.2	45.3
≥ 20000	39.6	43.8	44.8	45.2	46.0	46.1	46.6	46.8	46.8	46.9	46.9	46.9	47.0	47.0	47.1	47.2
≥ 18000	41.3	46.0	47.0	47.4	48.2	48.3	48.8	49.0	49.0	49.1	49.1	49.1	49.2	49.4	49.6	49.7
≥ 16000	42.1	46.8	47.8	48.2	49.0	49.1	49.6	49.8	49.8	49.9	49.9	49.9	50.0	50.2	50.3	50.4
≥ 14000	42.9	47.6	48.6	49.0	49.8	49.9	50.3	50.6	50.6	50.7	50.7	50.7	50.8	51.0	51.1	51.2
≥ 12000	44.1	49.1	50.3	50.8	51.6	51.7	52.1	52.3	52.3	52.4	52.4	52.4	52.7	52.9	53.0	53.1
≥ 10000	47.2	53.4	54.7	55.2	56.1	56.2	56.7	56.9	56.9	57.0	57.0	57.0	57.2	57.4	57.6	57.7
≥ 9000	48.7	54.9	56.1	56.7	57.6	57.7	58.1	58.3	58.3	58.4	58.4	58.4	58.7	58.9	59.0	59.1
≥ 8000	52.4	59.9	61.1	61.8	62.7	62.8	63.2	63.4	63.4	63.6	63.6	63.6	63.8	64.1	64.2	64.3
≥ 7000	55.2	63.6	64.8	65.4	66.3	66.4	66.9	67.1	67.1	67.2	67.2	67.2	67.4	67.8	67.9	68.0
≥ 6000	58.2	66.6	67.8	68.7	69.7	69.8	70.2	70.4	70.4	70.6	70.6	70.6	70.8	71.1	71.2	71.3
≥ 5000	59.6	68.9	70.3	71.2	72.2	72.3	72.8	73.0	73.0	73.1	73.1	73.1	73.3	73.7	73.8	73.9
≥ 4500	60.6	70.6	72.1	73.3	74.7	74.8	75.2	75.4	75.4	75.6	75.6	75.6	75.8	76.1	76.2	76.3
≥ 4000	61.4	72.2	73.9	75.1	76.4	76.6	77.0	77.2	77.2	77.3	77.3	77.3	77.6	77.9	78.0	78.1
≥ 3500	62.6	73.8	75.7	77.0	78.4	78.6	79.0	79.2	79.2	79.3	79.3	79.3	79.6	79.9	80.0	80.1
≥ 3000	64.1	75.6	78.0	79.4	81.4	81.6	82.0	82.2	82.2	82.3	82.3	82.3	82.6	82.9	83.0	83.1
≥ 2500	65.1	77.3	79.4	81.1	83.7	83.8	84.3	84.6	84.6	84.7	84.7	84.7	84.9	85.2	85.3	85.4
≥ 2000	65.4	77.4	80.3	82.3	85.4	85.8	86.7	86.9	86.9	87.0	87.0	87.0	87.2	87.6	87.7	87.8
≥ 1800	65.6	77.7	80.6	82.6	85.8	86.3	87.3	87.7	87.7	87.8	87.8	87.8	88.0	88.3	88.4	88.6
≥ 1500	66.0	78.9	82.3	84.6	88.6	89.2	90.3	90.7	90.7	90.8	90.8	90.8	91.0	91.3	91.4	91.6
≥ 1200	66.6	80.1	83.4	85.8	90.0	90.7	91.8	92.2	92.2	92.3	92.3	92.3	92.6	92.9	93.0	93.1
≥ 1000	66.7	80.3	83.8	86.3	90.9	91.7	92.9	93.4	93.4	93.8	93.8	93.8	94.0	94.3	94.4	94.6
≥ 900	66.7	80.3	83.8	86.3	91.1	92.0	93.3	93.9	93.9	94.3	94.3	94.3	94.6	94.9	95.0	95.1
≥ 800	66.7	80.3	83.8	86.3	91.6	92.4	93.8	94.3	94.3	94.8	95.0	95.0	95.2	95.6	95.7	95.8
≥ 700	66.7	80.3	83.8	86.3	91.6	92.4	93.8	94.3	94.3	94.8	95.1	95.1	95.3	95.7	95.8	95.9
≥ 600	66.7	80.3	83.9	86.4	92.1	93.0	94.3	94.9	94.9	95.3	95.8	95.8	96.0	96.3	96.4	96.6
≥ 500	66.7	80.6	84.1	86.9	92.8	93.7	95.0	95.6	95.9	96.3	97.0	97.0	97.2	97.6	97.7	97.8
≥ 400	66.7	80.8	84.6	87.3	93.3	94.2	95.6	96.1	96.4	96.9	97.8	97.8	98.0	98.3	98.4	98.7
≥ 300	66.7	80.8	84.6	87.3	93.8	94.7	96.0	96.6	96.9	97.3	98.3	98.3	98.6	98.9	99.2	99.4
≥ 200	66.7	80.8	84.6	87.3	93.8	94.7	96.1	96.8	97.1	97.6	98.7	98.7	99.0	99.3	99.8	100.0
≥ 100	66.7	80.8	84.6	87.3	93.8	94.7	96.1	96.8	97.1	97.6	98.7	98.7	99.0	99.3	99.8	100.0
≥ 0	66.7	80.8	84.6	87.3	93.8	94.7	96.1	96.8	97.1	97.6	98.7	98.7	99.0	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	0
NO CEILING	33.6	36.6	37.1	37.8	38.9	39.0	39.2	39.4	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7
≥ 20000	36.2	39.2	39.8	40.4	41.6	41.7	41.9	42.1	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3
≥ 18000	38.9	41.9	42.4	43.1	44.2	44.3	44.6	44.8	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0
≥ 16000	39.1	42.1	42.7	43.3	44.4	44.6	44.8	45.0	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2
≥ 14000	41.3	44.0	44.6	45.3	46.4	46.6	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2
≥ 12000	42.9	46.4	47.1	47.8	48.9	49.0	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7
≥ 10000	47.7	51.8	52.3	53.1	54.3	54.4	54.7	54.9	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.2
≥ 9000	48.9	53.1	53.7	54.4	55.7	55.8	56.0	56.2	56.3	56.3	56.4	56.4	56.4	56.6	56.6	56.6
≥ 8000	54.7	59.6	60.2	61.0	62.2	62.3	62.6	62.8	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1
≥ 7000	57.7	63.3	64.0	64.8	66.1	66.2	66.4	66.7	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0
≥ 6000	59.6	65.9	66.6	67.7	69.0	69.1	69.3	69.6	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9
≥ 5000	61.9	69.2	70.1	71.4	72.9	73.0	73.2	73.4	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8
≥ 4500	63.2	70.9	71.9	73.2	75.1	75.2	75.4	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1
≥ 4000	64.2	72.2	73.2	74.7	76.6	77.1	77.3	77.7	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0
≥ 3500	65.3	73.7	74.8	76.2	78.1	78.7	78.9	79.2	79.3	79.3	79.4	79.4	79.4	79.6	79.6	79.6
≥ 3000	66.7	75.8	77.3	78.8	81.1	81.7	81.9	82.2	82.3	82.3	82.4	82.6	82.6	82.7	82.7	82.7
≥ 2500	67.6	77.0	78.9	80.8	83.6	84.1	84.3	84.7	84.8	84.8	84.9	85.0	85.0	85.1	85.1	85.1
≥ 2000	67.9	77.7	80.2	82.0	85.6	86.2	86.6	86.9	87.0	87.0	87.1	87.2	87.2	87.3	87.3	87.3
≥ 1800	67.9	77.7	80.3	82.1	85.9	86.8	87.1	87.4	87.6	87.6	87.7	87.8	87.8	87.9	87.9	87.9
≥ 1500	68.9	79.9	82.7	84.8	89.3	90.3	90.8	91.1	91.2	91.3	91.4	91.6	91.6	91.7	91.7	91.7
≥ 1200	69.3	80.3	83.2	85.3	90.1	91.2	91.7	92.0	92.1	92.2	92.3	92.4	92.4	92.6	92.6	92.6
≥ 1000	69.7	80.7	83.7	85.8	91.1	92.2	92.8	93.2	93.3	93.4	93.7	93.9	93.9	94.0	94.0	94.0
≥ 900	69.7	80.7	83.9	86.0	91.8	93.1	93.7	94.3	94.4	94.6	94.8	95.0	95.0	95.1	95.1	95.1
≥ 800	69.7	80.8	84.0	86.2	92.0	93.3	94.0	94.7	94.8	94.9	95.1	95.3	95.3	95.4	95.4	95.4
≥ 700	69.8	80.9	84.1	86.3	92.1	93.4	94.3	95.0	95.1	95.2	95.4	95.7	95.7	95.8	95.8	95.8
≥ 600	69.8	80.9	84.1	86.3	92.4	93.6	94.7	95.3	95.6	95.7	96.0	96.2	96.2	96.3	96.3	96.3
≥ 500	69.8	81.0	84.2	86.4	92.8	94.1	95.2	96.2	96.4	96.6	97.0	97.2	97.2	97.3	97.4	97.4
≥ 400	69.8	81.1	84.6	86.9	93.2	94.6	95.7	96.8	97.0	97.1	97.9	98.2	98.2	98.3	98.7	98.7
≥ 300	69.8	81.1	84.6	87.1	93.4	94.8	96.0	97.2	97.4	97.6	98.4	98.8	98.8	99.0	99.6	99.7
≥ 200	69.8	81.1	84.6	87.2	93.6	94.9	96.1	97.3	97.6	97.8	98.7	99.0	99.0	99.2	99.9	100.0
≥ 100	69.8	81.1	84.6	87.2	93.6	94.9	96.1	97.3	97.6	97.8	98.7	99.0	99.0	99.2	99.9	100.0
≥ 0	69.8	81.1	84.6	87.2	93.6	94.9	96.1	97.3	97.6	97.8	98.7	99.0	99.0	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	32.1	34.0	34.3	34.7	35.4	35.4	36.0	36.0	36.2	36.3	36.4	36.4	36.7	36.7	36.7	36.7
≥ 20000	34.9	36.9	37.2	37.6	38.3	38.3	38.9	38.9	39.1	39.2	39.3	39.3	39.6	39.6	39.6	39.6
≥ 18000	36.0	40.0	40.3	40.7	41.4	41.4	42.0	42.0	42.2	42.3	42.4	42.4	42.7	42.7	42.7	42.7
≥ 6000	39.0	41.0	41.3	41.7	42.4	42.4	43.0	43.0	43.2	43.3	43.4	43.4	43.7	43.7	43.7	43.7
≥ 14000	41.3	43.3	43.7	44.0	44.8	44.8	45.3	45.3	45.6	45.7	45.8	45.8	46.0	46.0	46.0	46.0
≥ 12000	43.9	46.1	46.4	46.9	47.7	47.7	48.2	48.2	48.4	48.6	48.7	48.7	48.9	48.9	48.9	48.9
≥ 10000	48.8	51.2	51.8	52.2	53.0	53.0	53.6	53.6	53.8	53.9	54.0	54.0	54.2	54.2	54.2	54.2
≥ 9000	51.6	54.0	54.6	55.0	55.8	55.8	56.3	56.3	56.6	56.7	56.8	56.8	57.0	57.0	57.0	57.0
≥ 8000	56.6	59.4	60.1	60.7	61.4	61.4	62.0	62.0	62.2	62.3	62.4	62.4	62.7	62.7	62.7	62.7
≥ 7000	59.7	62.8	63.7	64.2	65.0	65.0	65.6	65.7	65.9	66.0	66.1	66.1	66.3	66.3	66.3	66.3
≥ 6000	62.7	65.9	66.9	67.4	68.3	68.3	69.1	69.2	69.4	69.7	69.8	69.8	70.0	70.0	70.0	70.0
≥ 5000	65.0	69.0	70.2	71.0	72.1	72.2	73.0	73.2	73.4	73.7	73.8	73.8	74.0	74.0	74.0	74.0
≥ 4500	66.2	70.4	72.0	72.9	74.4	74.7	75.6	75.8	76.0	76.2	76.3	76.3	76.6	76.6	76.6	76.6
≥ 4000	67.4	71.7	73.3	74.2	76.3	76.6	77.4	77.8	78.0	78.2	78.3	78.3	78.6	78.6	78.6	78.6
≥ 3500	68.2	72.6	74.3	75.2	77.4	77.7	78.6	78.9	79.1	79.3	79.4	79.4	79.7	79.7	79.7	79.7
≥ 3000	69.2	74.1	76.1	77.2	80.1	80.7	81.7	82.1	82.3	82.6	82.7	82.7	82.9	82.9	82.9	82.9
≥ 2500	69.7	74.8	76.8	78.1	81.3	82.1	83.3	84.0	84.2	84.4	84.6	84.6	84.9	84.9	84.9	84.9
≥ 2000	70.2	75.4	77.8	79.3	83.1	83.9	85.3	86.2	86.4	86.8	86.9	87.0	87.3	87.3	87.3	87.3
≥ 1800	70.3	75.8	78.1	79.8	83.6	84.3	85.8	86.7	86.9	87.2	87.3	87.4	87.8	87.8	87.8	87.8
≥ 1500	70.3	76.2	79.3	81.1	85.0	85.9	87.7	89.0	89.3	89.9	90.2	90.3	90.9	90.9	90.9	90.9
≥ 1200	70.9	77.3	80.7	82.8	87.0	87.9	89.7	91.0	91.3	91.9	92.4	92.6	93.1	93.1	93.1	93.1
≥ 1000	71.0	77.7	81.0	83.4	87.8	88.7	90.6	92.3	92.7	93.7	94.9	95.2	95.8	95.8	95.8	95.8
≥ 900	71.1	77.9	81.2	83.7	88.0	88.9	90.8	92.6	92.9	93.9	95.1	95.4	96.0	96.0	96.0	96.0
≥ 800	71.1	77.9	81.2	83.8	88.1	89.0	90.9	92.7	93.0	94.0	95.6	95.9	96.6	96.6	96.6	96.6
≥ 700	71.4	78.2	81.6	84.1	88.4	89.3	91.2	93.0	93.3	94.4	96.0	96.3	97.1	97.1	97.1	97.1
≥ 600	71.7	78.7	82.0	84.7	89.1	90.0	92.0	93.8	94.1	95.3	97.1	97.4	98.2	98.2	98.2	98.2
≥ 500	71.8	78.8	82.1	84.8	89.2	90.1	92.1	93.9	94.2	95.4	97.3	97.7	98.4	98.4	98.4	98.4
≥ 400	71.8	79.0	82.4	85.1	89.8	90.7	92.7	94.4	94.8	96.0	97.9	98.2	99.0	99.0	99.1	99.1
≥ 300	71.8	79.0	82.4	85.1	89.8	90.7	92.7	94.6	94.9	96.1	98.1	98.4	99.3	99.3	99.7	99.7
≥ 200	71.8	79.0	82.4	85.1	89.8	90.7	92.7	94.6	94.9	96.1	98.2	98.6	99.6	99.6	100.0	100.0
≥ 100	71.8	79.0	82.4	85.1	89.8	90.7	92.7	94.6	94.9	96.1	98.2	98.6	99.6	99.6	100.0	100.0
≥ 0	71.8	79.0	82.4	85.1	89.8	90.7	92.7	94.6	94.9	96.1	98.2	98.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	0
NO CEILING	33.6	35.0	35.3	35.6	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 20000	36.6	38.0	38.3	38.6	39.2	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 18000	38.8	40.4	41.0	41.2	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 16000	39.2	41.0	41.6	41.8	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	42.9	44.6	45.2	45.4	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 12000	46.2	48.0	48.7	48.9	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 10000	50.2	52.4	53.1	53.3	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 9000	52.9	55.1	55.8	56.0	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 8000	59.0	62.0	62.7	62.9	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000	62.6	66.1	66.9	67.1	68.1	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.6	68.6	68.6	68.6
≥ 6000	64.7	68.8	69.6	69.8	71.1	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.6	71.6	71.6	71.6
≥ 5000	66.7	71.2	72.1	72.4	74.2	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.9	74.9	74.9	74.9
≥ 4500	68.0	73.4	74.4	74.9	76.7	76.9	77.0	77.2	77.2	77.2	77.3	77.3	77.6	77.6	77.6	77.6
≥ 4000	69.2	74.9	75.9	76.3	78.4	78.7	78.8	79.0	79.0	79.0	79.1	79.1	79.3	79.3	79.3	79.3
≥ 3500	70.1	76.0	77.0	77.8	80.1	80.4	80.6	80.8	80.8	80.8	80.9	80.9	81.1	81.1	81.1	81.1
≥ 3000	71.0	77.4	78.9	79.8	82.2	82.6	82.7	83.0	83.0	83.1	83.2	83.2	83.4	83.4	83.4	83.4
≥ 2500	71.6	78.1	79.8	81.0	83.7	84.1	84.6	84.9	85.0	85.2	85.3	85.3	85.6	85.6	85.6	85.6
≥ 2000	72.0	78.7	80.4	82.2	85.2	85.7	86.1	86.7	86.8	87.1	87.3	87.3	87.6	87.6	87.6	87.6
≥ 1800	72.0	78.8	80.6	82.3	85.3	85.8	86.2	86.9	87.0	87.3	87.6	87.6	87.8	87.8	87.8	87.8
≥ 1500	72.3	79.4	81.2	83.3	87.2	87.8	88.6	89.7	89.9	90.7	91.0	91.0	91.2	91.2	91.2	91.2
≥ 1200	72.3	80.1	82.0	84.3	88.3	88.9	89.9	91.3	91.6	92.4	92.9	92.9	93.1	93.1	93.1	93.1
≥ 1000	72.4	80.7	82.6	84.9	89.1	89.7	91.0	92.6	92.8	94.2	95.0	95.3	95.9	96.1	96.1	96.1
≥ 900	72.4	80.8	82.8	85.1	89.3	89.9	91.2	92.8	93.0	94.4	95.2	95.6	96.1	96.3	96.3	96.3
≥ 800	72.4	80.9	82.9	85.2	89.4	90.0	91.3	92.9	93.1	94.7	95.6	95.9	96.4	96.7	96.7	96.7
≥ 700	72.4	80.9	83.0	85.4	89.7	90.2	91.6	93.1	93.4	95.1	96.1	96.4	97.1	97.3	97.3	97.3
≥ 600	72.7	81.3	83.6	86.0	90.2	90.8	92.1	93.7	94.0	95.7	96.7	97.0	97.8	98.0	98.0	98.0
≥ 500	72.7	81.4	83.7	86.1	90.3	90.9	92.2	93.8	94.2	95.9	96.9	97.3	98.3	98.7	98.7	98.7
≥ 400	72.7	81.9	84.2	86.7	90.9	91.4	92.9	94.6	95.0	96.7	97.7	98.1	99.1	99.4	99.4	99.4
≥ 300	72.7	81.9	84.2	86.7	90.9	91.4	93.0	94.7	95.1	96.8	97.8	98.2	99.2	99.6	99.6	99.6
≥ 200	72.7	81.9	84.2	86.7	90.9	91.4	93.0	94.8	95.2	97.0	98.0	98.4	99.6	99.9	100.0	100.0
≥ 100	72.7	81.9	84.2	86.7	90.9	91.4	93.0	94.8	95.2	97.0	98.0	98.4	99.6	99.9	100.0	100.0
≥ 0	72.7	81.9	84.2	86.7	90.9	91.4	93.0	94.8	95.2	97.0	98.0	98.4	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 26650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.3	33.3	33.9	34.2	34.3	34.3	34.6	34.8	34.8	34.9	34.9	34.9	35.0	35.0	35.0	35.0
≥ 20000	33.6	35.8	36.3	36.7	36.8	36.8	37.1	37.3	37.3	37.4	37.6	37.6	37.7	37.7	37.7	37.7
≥ 18000	36.7	39.2	39.8	40.1	40.3	40.3	40.7	40.9	40.9	41.0	41.1	41.1	41.2	41.2	41.2	41.2
≥ 16000	36.7	39.2	39.8	40.1	40.3	40.4	40.8	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.4	41.4
≥ 14000	39.6	42.3	42.9	43.2	43.4	43.6	43.9	44.2	44.2	44.3	44.4	44.4	44.6	44.6	44.6	44.6
≥ 12000	43.8	46.8	47.4	47.6	48.-	48.1	48.4	48.6	48.8	48.9	49.0	49.0	49.1	49.1	49.1	49.1
≥ 10000	47.9	51.4	52.2	52.7	52.9	53.0	53.3	53.7	53.7	53.8	53.9	53.9	54.0	54.0	54.0	54.0
≥ 9000	50.0	53.6	54.3	54.8	55.0	55.1	55.4	55.8	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.1
≥ 8000	54.9	60.0	60.8	61.2	61.4	61.6	62.0	62.3	62.3	62.4	62.6	62.6	62.7	62.7	62.7	62.7
≥ 7000	58.9	64.3	65.3	65.9	66.1	66.2	66.8	67.1	67.1	67.2	67.3	67.3	67.6	67.6	67.6	67.6
≥ 6000	60.9	66.3	67.4	68.1	68.6	68.7	69.2	69.6	69.6	69.7	69.8	69.8	70.0	70.0	70.0	70.0
≥ 5000	63.7	69.7	71.0	71.8	72.6	72.7	73.2	73.6	73.6	73.7	73.8	73.8	74.0	74.0	74.0	74.0
≥ 4500	65.0	71.4	73.0	73.9	74.8	74.9	75.6	75.9	75.9	76.0	76.1	76.1	76.3	76.3	76.3	76.3
≥ 4000	66.2	73.0	74.8	75.9	76.9	77.0	77.7	78.0	78.0	78.1	78.2	78.2	78.4	78.4	78.4	78.4
≥ 3500	67.6	74.7	76.6	77.7	78.8	78.9	79.6	79.9	79.9	80.0	80.1	80.1	80.3	80.3	80.3	80.3
≥ 3000	69.4	77.3	79.2	80.4	82.0	82.2	82.9	83.3	83.3	83.4	83.6	83.6	83.8	83.8	83.8	83.8
≥ 2500	69.8	77.9	80.1	81.6	83.2	83.9	84.6	85.0	85.0	85.1	85.2	85.2	85.4	85.4	85.4	85.4
≥ 2000	70.2	78.6	80.9	82.3	84.2	85.2	85.9	86.8	87.2	87.3	87.4	87.4	87.7	87.7	87.7	87.7
≥ 1800	70.6	79.0	81.3	82.9	85.2	86.3	87.0	87.9	88.3	88.4	88.6	88.6	88.8	88.8	88.8	88.8
≥ 1500	70.8	79.4	81.8	83.4	86.2	87.6	88.8	89.8	90.2	90.4	90.7	90.7	91.0	91.0	91.0	91.0
≥ 1200	71.2	80.1	82.4	84.2	87.2	88.9	90.3	91.6	92.0	92.3	92.8	92.8	93.1	93.1	93.1	93.1
≥ 1000	71.3	80.4	82.9	84.7	88.3	90.1	91.7	93.0	93.4	93.8	94.8	94.9	95.2	95.2	95.2	95.2
≥ 900	71.3	80.8	83.3	85.2	88.9	90.8	92.4	93.8	94.2	94.6	95.7	95.8	96.1	96.1	96.1	96.1
≥ 800	71.4	81.0	83.6	85.6	89.3	91.2	92.9	94.2	94.8	95.1	96.2	96.3	96.7	96.7	96.7	96.7
≥ 700	71.4	81.0	83.6	85.6	89.3	91.3	93.0	94.3	94.9	95.2	96.4	96.6	96.9	96.9	96.9	96.9
≥ 600	71.7	81.3	84.0	86.3	90.1	92.1	93.8	95.1	95.7	96.1	97.3	97.4	97.8	97.8	97.8	97.8
≥ 500	71.9	81.6	84.3	86.7	90.6	92.6	94.6	95.9	96.4	96.9	98.1	98.3	98.8	98.8	98.8	98.8
≥ 400	72.0	81.8	84.7	87.0	91.3	93.3	95.3	96.7	97.2	97.7	98.9	99.1	99.6	99.6	99.6	99.6
≥ 300	72.0	81.8	84.7	87.0	91.3	93.3	95.3	96.7	97.2	97.7	98.9	99.1	99.6	99.6	99.6	99.6
≥ 200	72.0	81.8	84.7	87.0	91.4	93.6	95.6	96.9	97.4	97.9	99.2	99.4	99.9	99.9	100.0	100.0
≥ 100	72.0	81.8	84.7	87.0	91.4	93.6	95.6	96.9	97.4	97.9	99.2	99.4	99.9	99.9	100.0	100.0
≥ 0	72.0	81.8	84.7	87.0	91.4	93.6	95.6	96.9	97.4	97.9	99.2	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	33.8	38.9	39.4	39.7	40.8	40.8	41.1	41.2	41.2	41.3	41.8	41.8	41.8	41.8	41.8	41.8
≥ 20000	35.3	40.8	41.3	41.6	42.7	42.7	43.0	43.1	43.1	43.2	43.7	43.7	43.7	43.7	43.7	43.7
≥ 18000	37.9	44.0	44.7	44.9	46.0	46.0	46.3	46.4	46.4	46.6	47.0	47.0	47.0	47.0	47.0	47.0
≥ 16000	38.1	44.2	44.9	45.1	46.2	46.2	46.6	46.7	46.7	46.8	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000	39.2	45.9	46.6	46.8	47.9	47.9	48.2	48.3	48.3	48.4	48.9	48.9	48.9	48.9	48.9	48.9
≥ 12000	41.0	47.8	48.4	48.7	49.8	49.8	50.1	50.2	50.2	50.3	50.8	50.8	50.8	50.8	50.8	50.8
≥ 10000	44.8	52.0	52.7	52.9	54.0	54.0	54.3	54.4	54.4	54.6	55.0	55.0	55.0	55.0	55.0	55.0
≥ 9000	47.0	54.6	55.2	55.4	56.6	56.6	56.9	57.0	57.0	57.1	57.6	57.6	57.6	57.6	57.6	57.6
≥ 8000	51.1	60.2	60.9	61.1	62.2	62.2	62.6	62.7	62.7	62.8	63.2	63.2	63.2	63.2	63.2	63.2
≥ 7000	55.4	64.8	65.6	65.9	67.0	67.0	67.6	67.7	67.7	67.8	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	57.0	66.7	67.4	67.8	69.0	69.0	69.6	69.7	69.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2
≥ 5000	59.4	69.8	70.6	70.9	72.2	72.2	72.8	72.9	72.9	73.0	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	60.8	71.1	71.9	72.2	73.6	73.6	74.1	74.2	74.2	74.3	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	62.0	72.9	73.8	74.2	75.6	75.6	76.1	76.2	76.2	76.3	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	63.9	75.7	76.6	77.3	78.7	78.7	79.2	79.3	79.3	79.4	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3000	65.1	77.4	78.6	79.4	80.8	80.8	82.0	82.1	82.1	82.2	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2500	65.9	78.4	79.8	81.1	83.1	83.1	84.4	84.7	84.7	84.8	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	66.1	79.1	80.7	82.1	84.3	84.3	86.0	86.2	86.4	86.6	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1800	66.3	79.3	80.9	82.3	84.8	84.8	86.6	86.8	87.0	87.1	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1500	67.0	80.6	82.2	83.8	86.7	86.8	89.3	89.6	89.8	89.9	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	67.4	81.3	83.0	84.6	87.9	88.0	90.8	91.0	91.2	91.3	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	67.4	81.6	83.2	84.9	88.9	89.6	92.7	92.9	93.2	93.3	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	67.6	81.7	83.6	85.3	89.8	90.4	93.6	93.9	94.2	94.4	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	67.7	81.9	84.0	85.8	90.3	91.0	94.1	94.4	94.9	95.1	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	67.9	82.2	84.4	86.2	90.9	91.8	94.9	95.2	95.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	68.0	82.8	85.0	87.0	91.8	92.7	95.8	96.2	96.7	97.1	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	68.0	82.8	85.0	87.0	91.8	92.7	96.0	96.7	97.1	97.6	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	68.0	82.9	85.2	87.2	92.8	93.8	97.1	97.8	98.2	98.7	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	68.0	82.9	85.2	87.2	92.8	93.8	97.2	97.9	98.3	98.8	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	68.0	82.9	85.2	87.2	92.8	93.8	97.2	98.0	98.4	98.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	68.0	82.9	85.2	87.2	92.8	93.8	97.2	98.0	98.4	98.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	68.0	82.9	85.2	87.2	92.8	93.8	97.2	98.0	98.4	98.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7265D (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	36.6	41.6	42.3	42.6	44.1	44.1	44.2	44.8	44.8	44.9	45.0	45.0	45.0	45.0	45.1	45.2
≥ 20000	37.6	42.7	43.6	43.8	45.3	45.3	45.4	46.0	46.0	46.1	46.2	46.2	46.2	46.2	46.3	46.4
≥ 18000	39.7	45.6	46.4	46.7	48.2	48.2	48.3	48.9	48.9	49.0	49.1	49.1	49.1	49.1	49.2	49.3
≥ 16000	40.0	45.9	46.8	47.0	48.6	48.6	48.7	49.2	49.2	49.3	49.4	49.4	49.4	49.4	49.6	49.7
≥ 14000	41.1	47.3	48.2	48.4	50.0	50.0	50.1	50.7	50.7	50.8	50.9	50.9	50.9	50.9	51.0	51.1
≥ 12000	42.3	48.9	49.8	50.0	51.6	51.6	51.7	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.6	52.7
≥ 10000	45.6	53.2	54.1	54.3	55.9	55.9	56.1	56.7	56.7	56.8	56.9	56.9	56.9	56.9	57.0	57.1
≥ 9000	47.1	55.0	55.9	56.1	57.7	57.7	57.9	58.4	58.4	58.6	58.7	58.7	58.7	58.7	58.8	58.9
≥ 8000	51.7	61.0	61.9	62.1	63.7	63.7	63.9	64.4	64.4	64.6	64.7	64.7	64.7	64.7	64.8	64.9
≥ 7000	54.9	64.9	65.9	66.1	67.7	67.7	67.9	68.4	68.4	68.6	68.7	68.7	68.7	68.7	68.8	68.9
≥ 6000	55.9	66.4	67.6	67.9	69.4	69.4	69.7	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.6	70.7
≥ 5000	58.4	69.4	70.8	71.1	72.8	73.0	73.2	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.1	74.2
≥ 4500	59.2	70.6	72.0	72.6	74.2	74.4	74.7	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.6	75.7
≥ 4000	60.1	72.1	73.6	74.1	75.9	76.1	76.3	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.2	77.3
≥ 3500	61.7	74.7	76.1	76.7	78.4	78.7	78.9	79.4	79.4	79.6	79.7	79.7	79.7	79.7	79.8	79.9
≥ 3000	62.4	76.4	78.4	79.0	81.0	81.3	82.2	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.1	83.2
≥ 2500	62.8	78.1	80.6	81.4	84.3	84.7	85.7	86.2	86.2	86.3	86.4	86.4	86.4	86.4	86.6	86.7
≥ 2000	62.9	78.4	81.0	82.3	85.3	85.6	87.1	87.7	87.7	87.8	87.9	87.9	87.9	87.9	88.0	88.1
≥ 1800	62.9	78.4	81.0	82.3	85.4	85.9	87.2	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.1	88.2
≥ 1500	63.7	79.9	82.5	84.0	87.7	88.1	89.7	90.2	90.2	90.3	90.6	90.6	90.6	90.6	90.7	90.8
≥ 1200	64.1	80.9	83.4	85.1	88.8	89.2	90.9	91.4	91.4	91.6	91.8	91.8	91.8	91.8	91.9	92.0
≥ 1000	64.1	81.0	83.6	85.2	88.9	89.4	91.6	92.2	92.2	92.4	92.7	92.7	92.7	92.7	92.8	92.9
≥ 900	64.1	81.2	83.8	85.4	89.2	89.8	91.9	92.6	92.7	92.9	93.1	93.1	93.1	93.1	93.2	93.3
≥ 800	64.3	81.4	84.0	85.8	90.1	91.0	93.1	93.8	93.9	94.1	94.3	94.3	94.3	94.3	94.4	94.6
≥ 700	64.4	81.7	84.8	86.6	91.0	91.9	94.0	94.8	94.9	95.1	95.3	95.3	95.3	95.3	95.4	95.6
≥ 600	64.4	82.1	85.3	87.0	91.6	92.4	94.8	95.9	96.0	96.2	96.4	96.4	96.4	96.4	96.6	96.7
≥ 500	64.4	82.2	85.4	87.2	91.9	92.8	95.1	96.4	96.6	96.8	97.1	97.1	97.1	97.1	97.4	97.6
≥ 400	64.4	82.2	85.4	87.2	92.6	93.6	96.2	97.6	97.7	97.9	98.2	98.2	98.2	98.2	98.6	98.7
≥ 300	64.4	82.2	85.4	87.2	92.7	93.7	96.3	97.8	97.9	98.2	98.6	98.6	98.8	98.8	99.1	99.2
≥ 200	64.4	82.2	85.4	87.2	92.7	93.7	96.3	97.9	98.0	98.3	98.8	98.8	99.2	99.2	99.6	99.8
≥ 100	64.4	82.2	85.4	87.2	92.7	93.7	96.3	97.9	98.0	98.3	98.8	98.8	99.2	99.2	99.7	99.9
≥ 0	64.4	82.3	85.6	87.3	92.8	93.8	96.4	98.0	98.1	98.4	98.9	98.9	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	34.7	38.2	38.9	39.3	40.2	40.3	40.5	40.7	40.8	40.8	40.9	40.9	41.0	41.0	41.0	41.1
≥ 20000	36.7	40.4	41.1	41.5	42.4	42.5	42.8	43.0	43.0	43.1	43.2	43.2	43.3	43.3	43.3	43.3
≥ 18000	39.2	43.3	44.1	44.4	45.4	45.4	45.7	45.9	45.9	46.0	46.1	46.1	46.2	46.3	46.3	46.3
≥ 16000	39.6	43.7	44.4	44.9	45.8	45.9	46.2	46.4	46.4	46.5	46.6	46.6	46.7	46.7	46.8	46.8
≥ 14000	41.4	45.7	46.4	46.9	47.8	47.9	48.2	48.4	48.4	48.5	48.6	48.6	48.7	48.7	48.8	48.8
≥ 12000	43.6	48.1	48.9	49.3	50.3	50.4	50.6	50.8	50.9	51.0	51.1	51.1	51.2	51.2	51.3	51.3
≥ 10000	47.5	52.7	53.6	54.0	55.0	55.1	55.4	55.6	55.6	55.7	55.8	55.8	55.9	56.0	56.0	56.0
≥ 9000	49.5	54.8	55.6	56.1	57.1	57.1	57.4	57.6	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.1
≥ 8000	54.2	60.6	61.4	61.9	62.9	63.0	63.3	63.5	63.5	63.6	63.7	63.7	63.8	63.9	63.9	64.0
≥ 7000	57.5	64.4	65.3	65.9	66.9	67.0	67.3	67.5	67.6	67.7	67.8	67.8	67.9	68.0	68.0	68.1
≥ 6000	59.5	66.7	67.7	68.3	69.5	69.6	70.0	70.2	70.2	70.3	70.4	70.4	70.6	70.7	70.7	70.7
≥ 5000	61.7	69.5	70.7	71.4	72.8	72.9	73.3	73.5	73.6	73.7	73.8	73.8	73.9	74.0	74.0	74.1
≥ 4500	62.9	71.1	72.5	73.3	74.8	75.0	75.4	75.6	75.7	75.8	75.9	75.9	76.0	76.1	76.1	76.2
≥ 4000	63.9	72.6	74.1	74.9	76.6	76.8	77.2	77.5	77.5	77.6	77.7	77.7	77.9	77.9	78.0	78.0
≥ 3500	65.1	74.3	75.8	76.8	78.6	78.8	79.2	79.5	79.5	79.6	79.8	79.8	79.9	80.0	80.0	80.0
≥ 3000	66.4	76.3	78.2	79.3	81.4	81.7	82.3	82.7	82.7	82.8	82.9	82.9	83.1	83.2	83.2	83.2
≥ 2500	67.1	77.4	79.5	81.0	83.6	84.0	84.7	85.0	85.1	85.2	85.3	85.4	85.5	85.6	85.6	85.7
≥ 2000	67.5	78.3	80.4	82.1	85.1	85.6	86.5	87.0	87.1	87.3	87.4	87.4	87.6	87.7	87.7	87.7
≥ 1800	67.6	78.3	80.6	82.4	85.5	86.1	87.1	87.6	87.7	87.8	88.0	88.0	88.2	88.2	88.3	88.3
≥ 1500	68.1	79.3	81.9	83.8	87.5	88.2	89.5	90.1	90.3	90.6	90.8	90.8	91.0	91.1	91.1	91.2
≥ 1200	68.5	80.1	82.8	84.8	88.8	89.5	90.9	91.6	91.8	92.1	92.4	92.4	92.6	92.7	92.7	92.8
≥ 1000	68.6	80.4	83.1	85.3	89.6	90.4	92.1	92.9	93.1	93.6	94.1	94.2	94.5	94.6	94.6	94.6
≥ 900	68.6	80.6	83.4	85.6	90.0	91.0	92.6	93.5	93.7	94.2	94.8	94.9	95.1	95.2	95.3	95.3
≥ 800	68.7	80.7	83.5	85.8	90.4	91.4	93.1	94.0	94.2	94.7	95.3	95.5	95.7	95.8	95.9	95.9
≥ 700	68.8	80.8	83.8	86.0	90.7	91.7	93.5	94.4	94.6	95.2	95.8	96.0	96.3	96.4	96.4	96.4
≥ 600	68.9	81.2	84.1	86.4	91.3	92.3	94.2	95.1	95.4	96.0	96.8	96.9	97.2	97.3	97.3	97.3
≥ 500	68.9	81.3	84.3	86.6	91.6	92.6	94.5	95.6	96.0	96.6	97.4	97.6	97.9	98.1	98.1	98.2
≥ 400	68.9	81.5	84.6	86.9	92.2	93.3	95.3	96.4	96.7	97.3	98.2	98.4	98.8	98.9	99.0	99.1
≥ 300	68.9	81.5	84.6	86.9	92.4	93.4	95.4	96.6	96.9	97.5	98.5	98.7	99.1	99.2	99.4	99.5
≥ 200	68.9	81.5	84.6	87.0	92.4	93.5	95.5	96.7	97.1	97.7	98.7	98.9	99.4	99.5	99.8	99.9
≥ 100	68.9	81.5	84.6	87.0	92.4	93.5	95.5	96.8	97.1	97.7	98.8	98.9	99.4	99.6	99.9	100.0
≥ 0	68.9	81.5	84.6	87.0	92.4	93.5	95.5	96.8	97.1	97.7	98.8	98.9	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK 73-62 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	0
NO CEILING	34.1	39.7	40.9	41.5	44.5	44.9	46.6	48.8	49.2	50.0	51.0	51.6	54.3	54.8	55.1	55.3
≥ 20000	34.8	40.5	41.7	42.4	45.5	45.9	47.6	50.0	50.4	51.2	52.2	52.8	55.5	56.0	56.2	56.5
≥ 18000	36.3	43.0	44.2	44.8	48.0	48.4	50.1	52.5	52.9	53.7	54.6	55.3	58.0	58.5	58.7	58.9
≥ 16000	37.0	43.9	45.1	45.7	48.8	49.2	51.0	53.3	53.8	54.5	55.5	56.1	58.8	59.4	59.6	59.8
≥ 14000	38.3	45.5	46.7	47.3	50.4	50.9	52.6	54.9	55.4	56.1	57.1	57.7	60.4	61.0	61.2	61.4
≥ 12000	40.1	47.4	48.7	49.4	52.5	52.9	54.6	57.0	57.4	58.2	59.1	59.8	62.5	63.0	63.2	63.4
≥ 10000	42.9	50.2	51.5	52.2	55.3	55.7	57.4	59.9	60.3	61.1	62.0	62.7	65.4	65.9	66.1	66.3
≥ 9000	44.0	51.9	53.2	53.9	57.1	57.5	59.2	61.7	62.2	62.9	63.9	64.5	67.2	67.7	68.0	68.2
≥ 8000	48.2	56.3	57.7	58.4	61.6	62.0	63.8	66.2	66.7	67.4	68.4	69.0	71.7	72.3	72.5	72.7
≥ 7000	51.4	60.2	61.6	62.4	65.6	66.0	67.7	70.2	70.6	71.4	72.4	73.0	75.7	76.2	76.5	76.7
≥ 6000	52.3	61.6	63.0	63.8	67.0	67.4	69.1	71.6	72.0	72.8	73.8	74.4	77.1	77.6	77.8	78.1
≥ 5000	54.1	65.1	66.9	67.6	71.0	71.4	73.3	75.8	76.2	77.0	78.0	78.6	81.3	81.8	82.0	82.3
≥ 4500	54.6	66.5	68.3	69.0	72.7	73.1	75.1	77.5	78.0	78.7	79.7	80.3	83.0	83.5	83.8	84.0
≥ 4000	55.5	67.7	69.7	70.4	74.4	74.8	76.9	79.4	79.8	80.5	81.5	82.2	84.8	85.4	85.6	85.8
≥ 3500	56.3	69.0	71.2	72.0	76.2	76.8	78.8	81.3	81.7	82.5	83.4	84.1	86.8	87.3	87.5	87.7
≥ 3000	56.8	70.1	72.9	73.9	78.4	78.9	81.1	83.5	84.0	84.7	85.7	86.3	89.0	89.6	89.8	90.0
≥ 2500	56.9	71.0	74.1	75.1	79.8	80.3	82.5	84.9	85.4	86.1	87.1	87.7	90.4	91.0	91.2	91.4
≥ 2000	57.0	71.5	74.9	76.1	81.1	81.6	84.0	86.5	86.9	87.6	88.6	89.2	91.9	92.5	92.7	92.9
≥ 1800	57.1	71.6	75.1	76.2	81.2	81.7	84.5	87.0	87.4	88.2	89.1	89.8	92.5	93.0	93.2	93.4
≥ 1500	57.2	71.9	75.5	76.7	81.9	82.6	85.4	87.8	88.4	89.2	90.3	91.0	93.7	94.2	94.4	94.6
≥ 1200	57.2	71.9	75.5	76.7	81.9	82.6	85.7	88.2	88.8	89.7	90.8	91.4	94.1	94.6	94.8	95.1
≥ 1000	57.6	72.4	75.9	77.1	82.4	83.2	86.5	89.4	90.0	90.9	92.0	92.7	95.4	95.9	96.1	96.3
≥ 900	57.7	72.5	76.1	77.3	82.6	83.4	86.8	89.7	90.3	91.2	92.4	93.0	95.7	96.2	96.5	96.7
≥ 800	57.7	72.5	76.1	77.3	82.8	83.7	87.0	89.9	90.5	91.4	92.6	93.2	95.9	96.5	96.7	96.9
≥ 700	57.7	72.5	76.1	77.3	82.9	83.8	87.2	90.1	90.8	91.6	92.8	93.4	96.1	96.7	96.9	97.1
≥ 600	57.7	72.5	76.1	77.3	83.0	83.9	87.3	90.2	90.9	91.7	92.9	93.5	96.2	96.8	97.0	97.2
≥ 500	57.8	72.7	76.3	77.5	83.2	84.1	87.7	90.6	91.3	92.5	93.7	94.3	97.1	97.6	98.0	98.2
≥ 400	58.0	72.8	76.5	77.7	83.4	84.3	88.0	90.9	91.5	92.7	93.9	94.5	97.3	97.8	98.2	98.4
≥ 300	58.0	72.8	76.5	77.8	83.5	84.4	88.1	91.0	91.6	93.1	94.4	95.1	98.0	98.5	98.8	99.4
≥ 200	58.0	72.8	76.5	77.8	83.5	84.4	88.1	91.0	91.6	93.1	94.4	95.1	98.0	98.5	99.2	99.8
≥ 100	58.0	72.8	76.5	77.8	83.5	84.4	88.1	91.0	91.6	93.1	94.4	95.1	98.0	98.5	99.2	100.0
≥ 0	58.0	72.8	76.5	77.8	83.5	84.4	88.1	91.0	91.6	93.1	94.4	95.1	98.0	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-2500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	32.8	39.8	41.1	41.8	44.0	44.7	46.7	49.0	49.5	50.1	51.6	51.9	53.7	54.1	54.3	54.7
≥ 20000	33.8	41.0	42.5	43.2	45.6	46.3	48.3	50.6	51.1	51.7	53.2	53.5	55.3	55.7	55.9	56.3
≥ 18000	35.3	43.2	44.7	45.5	47.8	48.6	50.5	52.9	53.3	54.0	55.5	55.8	57.5	58.0	58.2	58.6
≥ 16000	36.1	44.1	45.6	46.3	48.7	49.5	51.4	53.8	54.2	54.8	56.3	56.7	58.4	58.8	59.0	59.5
≥ 14000	36.9	44.9	46.5	47.2	49.6	50.3	52.3	54.6	55.1	55.7	57.2	57.5	59.2	59.7	59.9	60.3
≥ 12000	38.3	46.6	48.1	48.8	51.2	51.9	53.9	56.2	56.7	57.3	58.8	59.1	60.9	61.3	61.5	61.9
≥ 10000	40.5	49.1	50.6	51.4	53.8	54.5	56.5	59.1	59.6	60.2	61.7	62.0	63.8	64.2	64.4	64.8
≥ 9000	41.6	50.3	51.9	52.7	55.1	55.8	57.7	60.4	60.9	61.5	63.2	63.3	65.1	65.5	65.7	66.1
≥ 8000	45.5	54.2	56.1	57.0	59.4	60.1	62.0	64.7	65.2	65.8	67.3	67.6	69.4	69.8	70.0	70.4
≥ 7000	49.2	58.7	60.6	61.5	64.1	64.8	66.8	69.5	69.9	70.5	72.0	72.4	74.1	74.5	74.7	75.2
≥ 6000	50.3	60.1	62.0	62.9	65.5	66.2	68.2	70.9	71.3	71.9	73.4	73.8	75.5	75.9	76.1	76.6
≥ 5000	52.4	63.8	66.3	67.0	69.7	70.4	72.4	75.1	75.5	76.1	77.6	78.0	79.7	80.1	80.3	80.8
≥ 4500	52.9	64.8	67.1	68.1	70.8	71.6	73.7	76.3	76.8	77.4	78.9	79.2	81.0	81.4	81.6	82.0
≥ 4000	53.4	66.3	68.6	69.6	72.4	73.2	75.3	78.0	78.4	79.2	80.8	81.1	82.8	83.2	83.4	83.9
≥ 3500	54.1	67.5	70.5	72.3	75.5	76.3	78.4	81.1	81.5	82.4	83.9	84.2	85.9	86.3	86.6	87.0
≥ 3000	54.3	68.4	72.0	74.0	78.0	78.8	80.9	83.5	84.0	84.8	86.3	86.7	88.4	88.8	89.0	89.5
≥ 2500	54.5	69.2	73.1	75.1	79.2	80.1	82.3	84.9	85.4	86.3	87.8	88.2	89.9	90.3	90.5	91.0
≥ 2000	54.7	70.3	74.2	76.1	80.6	81.5	83.9	86.7	87.2	88.2	89.7	90.0	91.7	92.2	92.4	92.8
≥ 1800	54.7	70.3	74.2	76.1	80.6	81.5	83.9	86.7	87.2	88.2	89.7	90.0	91.7	92.2	92.4	92.8
≥ 1500	55.5	71.1	74.9	76.9	81.5	82.5	85.2	88.1	88.7	89.8	91.3	91.6	93.3	93.8	94.0	94.4
≥ 1200	55.6	71.5	75.4	77.3	82.0	83.1	85.8	88.7	89.4	90.4	91.9	92.3	94.0	94.4	94.6	95.1
≥ 1000	55.6	71.5	75.4	77.3	82.4	83.9	86.7	89.7	90.3	91.4	93.0	93.3	95.1	95.5	95.7	96.1
≥ 900	55.7	71.6	75.5	77.4	82.5	84.0	86.8	89.9	90.5	91.6	93.2	93.5	95.3	95.7	95.9	96.3
≥ 800	55.7	71.6	75.5	77.4	82.5	84.0	86.8	89.9	90.5	91.6	93.2	93.5	95.3	95.7	95.9	96.3
≥ 700	55.9	71.7	75.6	77.5	82.7	84.2	87.0	90.1	90.9	91.9	93.5	93.9	95.6	96.0	96.2	96.7
≥ 600	56.0	72.0	75.9	77.8	83.0	84.5	87.3	90.6	91.4	92.5	94.1	94.4	96.1	96.6	96.8	97.2
≥ 500	56.0	72.0	75.9	77.8	83.0	84.5	87.6	91.2	91.9	93.1	94.7	95.1	96.8	97.2	97.4	97.8
≥ 400	56.1	72.2	76.1	78.0	83.1	84.6	87.7	91.3	92.0	93.2	94.9	95.4	97.1	97.5	97.7	98.2
≥ 300	56.1	72.2	76.0	78.0	83.1	84.6	87.8	91.4	92.2	93.7	95.5	95.9	97.7	98.3	98.5	99.0
≥ 200	56.1	72.2	76.0	78.0	83.1	84.6	87.8	91.5	92.3	94.1	95.9	96.3	98.3	98.9	99.5	100.0
≥ 100	56.1	72.2	76.0	78.0	83.1	84.6	87.8	91.5	92.3	94.1	95.9	96.3	98.3	98.9	99.5	100.0
≥ 0	56.1	72.2	76.0	78.0	83.1	84.6	87.8	91.5	92.3	94.1	95.9	96.3	98.3	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.0	38.5	39.9	40.8	43.1	43.4	44.5	47.2	47.6	48.4	49.8	50.4	52.9	53.4	53.7	54.2
≥ 20000	33.4	40.0	41.7	42.6	44.9	45.3	46.3	49.0	49.5	50.2	51.6	52.3	54.7	55.3	55.5	56.0
≥ 18000	35.6	43.0	44.7	45.6	48.0	46.3	49.4	52.0	52.5	53.2	54.6	55.3	57.7	58.3	58.5	59.0
≥ 16000	37.0	44.4	46.1	47.0	49.4	49.7	50.8	53.4	53.9	54.6	56.0	56.7	59.1	59.7	59.9	60.4
≥ 14000	37.2	44.6	46.3	47.2	49.6	49.9	51.0	53.7	54.1	54.8	56.2	56.9	59.4	59.9	60.1	60.6
≥ 12000	38.3	45.7	47.4	48.3	50.6	51.0	52.0	54.7	55.2	55.9	57.3	58.0	60.4	61.0	61.2	61.7
≥ 10000	41.4	49.0	50.8	51.6	54.0	54.3	55.4	58.1	58.5	59.2	60.6	61.3	63.8	64.3	64.5	65.1
≥ 9000	42.4	50.2	51.9	52.8	55.4	55.7	56.8	59.5	59.9	60.6	62.0	62.7	65.2	65.7	65.9	66.5
≥ 8000	45.9	54.1	55.9	56.8	59.4	59.7	60.8	63.4	63.9	64.6	66.0	66.7	69.1	69.7	69.9	70.4
≥ 7000	49.7	58.9	60.8	61.6	64.6	64.9	66.0	68.7	69.1	69.9	71.3	71.9	74.4	74.9	75.2	75.7
≥ 6000	51.7	60.4	62.3	63.2	66.3	66.7	67.7	70.4	70.9	71.6	73.0	73.7	76.1	76.7	76.9	77.4
≥ 5000	52.4	62.4	64.4	65.6	68.7	69.0	70.1	72.8	73.2	74.0	75.4	76.0	78.6	79.1	79.4	79.9
≥ 4500	53.3	64.2	66.2	67.4	70.5	70.9	72.0	74.7	75.2	75.9	77.3	78.0	80.5	81.1	81.3	81.8
≥ 4000	53.7	65.5	68.1	69.5	72.6	72.9	74.1	76.8	77.2	78.0	79.4	80.0	82.6	83.1	83.3	83.9
≥ 3500	54.8	67.3	70.3	72.2	75.5	75.8	77.0	79.7	80.1	80.9	82.3	82.9	85.5	86.0	86.2	86.8
≥ 3000	55.6	68.4	71.6	73.5	76.9	77.2	78.4	81.1	81.5	82.4	83.8	84.4	87.0	87.5	87.7	88.3
≥ 2500	56.1	69.6	73.1	75.2	78.7	79.0	80.3	83.0	83.4	84.3	85.7	86.3	88.9	89.5	89.7	90.2
≥ 2000	56.2	70.3	74.1	76.5	80.4	80.8	82.3	84.9	85.5	86.3	87.7	88.4	91.0	91.5	91.7	92.3
≥ 1800	56.6	70.6	74.4	76.8	80.8	81.1	82.6	85.4	85.9	86.8	88.2	88.8	91.4	91.9	92.2	92.7
≥ 1500	57.2	71.3	75.1	77.4	81.4	81.7	83.2	86.1	86.7	87.6	89.0	89.7	92.3	92.8	93.0	93.5
≥ 1200	57.4	71.6	75.5	78.0	81.9	82.3	83.8	86.9	87.4	88.4	89.8	90.4	93.0	93.5	93.8	94.3
≥ 1000	57.4	71.6	75.6	78.1	82.4	82.8	84.4	87.5	88.1	89.0	90.6	91.4	94.0	94.5	94.7	95.3
≥ 900	57.5	71.7	75.7	78.3	82.6	83.1	84.8	88.2	88.7	89.7	91.3	92.0	94.6	95.2	95.4	95.9
≥ 800	57.5	71.7	75.7	78.3	82.6	83.2	84.9	88.3	89.8	89.8	91.4	92.2	94.7	95.3	95.5	96.0
≥ 700	57.6	71.9	75.9	78.5	82.8	83.4	85.2	88.6	89.1	90.2	91.9	92.7	95.3	95.8	96.0	96.6
≥ 600	57.8	72.2	76.1	78.7	83.0	83.7	85.4	88.8	89.4	90.5	92.3	93.0	95.6	96.1	96.3	96.9
≥ 500	57.8	72.5	76.5	79.0	83.3	84.1	85.9	89.6	90.1	91.3	93.0	93.8	96.3	96.9	97.1	97.6
≥ 400	58.0	72.6	76.6	79.1	83.4	84.2	86.1	89.8	90.3	91.5	93.2	94.0	96.6	97.1	97.3	97.8
≥ 300	58.0	72.6	76.6	79.1	83.4	84.2	86.5	90.1	90.6	91.9	94.0	94.7	97.7	98.3	98.6	99.1
≥ 200	58.0	72.6	76.6	79.1	83.4	84.2	86.5	90.1	90.9	92.3	94.5	95.3	98.3	98.8	99.1	99.7
≥ 100	58.0	72.6	76.6	79.1	83.4	84.2	86.5	90.1	90.9	92.5	94.7	95.5	98.5	99.0	99.5	100.0
≥ 0	58.0	72.6	76.6	79.1	83.4	84.2	86.5	90.1	90.9	92.5	94.7	95.5	98.5	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	27.1	29.9	30.8	31.4	33.4	34.0	35.3	36.0	36.6	37.2	38.9	39.2	41.7	43.3	45.1	45.7
≥ 20000	30.3	33.2	34.1	34.8	36.9	37.4	38.7	39.5	40.0	40.6	42.4	42.7	45.2	46.8	48.5	49.1
≥ 18000	34.9	37.8	38.7	39.5	41.6	42.2	43.4	44.2	44.7	45.4	47.1	47.4	49.9	51.5	53.2	53.9
≥ 16000	36.0	38.9	39.8	40.5	42.7	43.2	44.5	45.3	45.8	46.5	48.2	48.5	51.0	52.6	54.3	54.9
≥ 14000	36.6	39.5	40.3	41.1	43.2	43.8	45.1	45.8	46.3	47.0	48.7	49.0	51.5	53.1	54.8	55.5
≥ 12000	38.8	41.7	42.6	43.3	45.5	46.0	47.3	48.1	48.6	49.2	51.0	51.4	53.9	55.5	57.5	58.2
≥ 10000	43.0	46.1	47.3	48.2	50.3	50.9	52.2	52.9	53.4	54.1	55.8	56.2	58.7	60.3	62.4	63.0
≥ 9000	44.9	48.5	49.7	50.5	52.8	53.3	54.6	55.4	55.9	56.6	58.3	58.7	61.2	62.8	64.8	65.5
≥ 8000	50.1	54.4	55.8	56.7	58.9	59.5	60.8	61.6	62.2	62.8	64.5	64.9	67.4	69.0	71.2	71.8
≥ 7000	55.8	60.5	61.9	62.8	65.1	65.6	66.9	67.7	68.3	69.0	70.8	71.2	73.8	75.4	77.6	78.3
≥ 6000	56.2	61.2	62.6	63.5	65.8	66.3	67.6	68.5	69.0	69.9	71.6	72.0	74.6	76.2	78.5	79.1
≥ 5000	56.4	63.9	65.5	66.5	68.7	69.2	70.5	71.4	71.9	72.8	74.5	74.9	77.7	79.4	81.6	82.3
≥ 4500	60.2	65.7	67.3	68.3	70.5	71.1	72.4	73.2	73.8	74.6	76.3	76.8	79.6	81.2	83.4	84.1
≥ 4000	60.5	66.5	68.4	69.6	72.2	72.7	74.1	74.9	75.5	76.3	78.1	78.5	81.3	82.9	85.2	85.6
≥ 3500	61.7	67.7	69.7	71.1	73.8	74.3	75.7	76.7	77.2	78.1	79.8	80.2	83.0	84.6	86.9	87.5
≥ 3000	63.0	69.5	71.5	73.0	76.1	76.7	78.1	79.0	79.6	80.4	82.2	82.6	85.4	87.0	89.2	89.9
≥ 2500	63.9	71.1	73.3	75.1	78.4	78.9	80.3	81.3	81.8	82.7	84.4	84.8	87.6	89.2	91.5	92.2
≥ 2000	64.1	71.5	73.9	75.6	79.2	79.8	81.4	82.5	83.0	84.0	85.7	86.1	88.9	90.5	92.8	93.4
≥ 1800	64.1	71.6	74.0	75.7	79.4	79.9	81.6	82.8	83.3	84.3	86.0	86.5	89.2	90.9	93.1	93.8
≥ 1500	64.4	71.9	74.3	76.1	80.0	80.5	82.4	83.7	84.2	85.2	86.9	87.3	90.1	91.8	94.1	94.7
≥ 1200	64.4	71.9	74.5	76.3	80.2	80.8	82.6	84.1	84.6	85.6	87.3	87.8	90.6	92.4	94.6	95.3
≥ 1000	64.6	72.2	74.7	76.7	80.6	81.3	83.3	85.1	85.7	86.7	88.4	88.9	91.7	93.4	95.7	96.3
≥ 900	64.6	72.2	74.7	76.7	80.6	81.3	83.4	85.5	86.1	87.1	88.8	89.4	92.2	93.9	96.1	96.8
≥ 800	64.6	72.2	74.7	76.7	80.6	81.3	83.4	85.6	86.2	87.2	88.9	89.5	92.3	94.0	96.2	96.9
≥ 700	64.6	72.3	74.8	76.8	80.8	81.4	83.5	85.7	86.3	87.4	89.1	89.7	92.5	94.2	96.5	97.1
≥ 600	64.6	72.3	74.8	76.8	80.8	81.4	83.5	86.0	86.7	87.7	89.6	90.1	92.9	94.6	96.9	97.5
≥ 500	64.6	72.3	74.8	76.9	80.9	81.7	84.1	86.7	87.3	88.4	90.4	91.0	93.8	95.6	97.8	98.5
≥ 400	64.6	72.3	74.8	76.9	80.9	81.7	84.1	86.7	87.3	88.4	90.4	91.0	93.9	95.8	98.1	98.7
≥ 300	64.6	72.3	74.8	76.9	80.9	81.7	84.2	86.8	87.4	88.5	90.8	91.3	94.2	96.1	98.4	99.0
≥ 200	64.6	72.3	74.8	76.9	80.9	81.7	84.2	86.8	87.5	88.6	90.9	91.4	94.5	96.5	98.9	99.6
≥ 100	64.6	72.3	74.8	76.9	80.9	81.7	84.2	86.8	87.5	88.6	90.9	91.4	94.7	96.7	99.4	100.0
≥ 0	64.6	72.3	74.8	76.9	80.9	81.7	84.2	86.8	87.5	88.6	90.9	91.4	94.7	96.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72255 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	29.5	32.4	33.7	33.9	35.1	35.1	35.6	35.8	36.1	36.8	37.4	37.6	39.7	40.7	43.1	44.3
≥ 20000	32.1	35.2	36.5	36.7	38.0	38.2	38.8	39.0	39.2	39.9	40.5	40.7	42.8	43.8	46.2	47.5
≥ 18000	35.5	38.9	40.2	40.4	41.7	41.9	42.4	42.8	43.1	43.8	44.3	44.6	46.7	47.7	50.1	51.5
≥ 16000	36.5	39.8	41.1	41.3	42.6	42.8	43.4	44.0	44.2	45.0	45.5	45.7	47.9	49.0	51.3	52.7
≥ 14000	38.1	41.7	43.1	43.3	44.6	44.8	45.3	46.0	46.2	46.9	47.5	47.7	49.8	50.9	53.3	54.7
≥ 12000	41.7	45.4	46.8	47.0	48.3	48.5	49.1	49.7	49.9	50.7	51.2	51.5	53.6	54.7	57.2	58.6
≥ 10000	46.4	50.7	52.3	52.6	53.9	54.1	54.8	55.4	55.7	56.5	57.1	57.3	59.4	60.5	63.0	64.4
≥ 9000	49.2	53.8	55.5	56.0	57.3	57.5	58.1	58.8	59.2	59.8	60.4	60.6	62.8	63.8	66.3	67.7
≥ 8000	53.4	58.4	60.4	60.8	62.1	62.3	63.0	63.6	63.8	64.7	65.2	65.4	67.7	68.9	71.6	73.0
≥ 7000	59.4	64.8	67.0	67.4	68.8	69.1	69.8	70.4	70.6	71.5	72.0	72.2	74.5	75.7	78.4	79.8
≥ 6000	60.8	66.5	68.8	69.3	70.7	71.0	71.8	72.4	72.7	73.5	74.1	74.3	76.5	77.7	80.4	81.8
≥ 5000	62.1	67.9	70.3	70.8	72.4	72.9	73.7	74.5	74.7	75.6	76.1	76.3	78.7	79.9	82.6	84.0
≥ 4500	62.5	68.5	70.9	71.6	73.3	73.7	74.7	75.5	75.7	76.5	77.1	77.3	79.7	80.8	83.5	84.9
≥ 4000	63.2	69.3	71.9	72.7	74.5	74.9	76.0	76.9	77.1	77.9	78.5	78.7	81.1	82.3	85.0	86.4
≥ 3500	63.9	70.3	73.1	74.0	75.9	76.3	77.5	78.4	78.6	79.4	80.0	80.2	82.6	83.9	86.5	87.9
≥ 3000	64.9	71.7	74.5	75.7	78.1	78.6	79.8	80.6	80.8	81.7	82.2	82.5	84.8	86.1	88.9	90.2
≥ 2500	65.2	72.3	75.3	76.6	79.3	79.8	80.9	81.9	82.1	83.0	83.5	83.7	86.1	87.4	90.1	91.5
≥ 2000	66.0	73.2	76.2	77.6	80.7	81.2	82.8	83.7	84.1	85.5	86.0	86.2	88.6	89.9	92.6	94.0
≥ 1800	66.1	73.3	76.3	77.8	80.9	81.4	83.0	84.0	84.3	85.7	86.2	86.4	88.8	90.1	92.8	94.2
≥ 1500	66.1	73.4	76.5	78.3	81.4	81.6	83.4	84.6	85.0	86.4	87.0	87.2	89.6	90.9	93.5	94.9
≥ 1200	66.1	73.4	76.5	78.3	81.5	81.9	83.5	84.7	85.3	86.8	87.3	87.5	89.9	91.2	93.9	95.3
≥ 1000	66.2	73.5	76.6	78.5	81.8	82.2	84.1	85.3	85.8	87.4	88.4	88.6	91.0	92.2	94.9	96.3
≥ 900	66.2	73.5	76.6	78.5	81.8	82.2	84.1	85.3	85.8	87.6	88.6	88.9	91.4	92.7	95.4	96.8
≥ 800	66.2	73.5	76.6	78.5	81.8	82.2	84.1	85.3	85.8	87.7	88.8	89.1	91.6	92.9	95.6	97.0
≥ 700	66.2	73.5	76.6	78.5	81.9	82.3	84.3	85.5	86.0	87.9	89.0	89.3	91.9	93.2	95.9	97.3
≥ 600	66.3	73.6	76.7	78.6	82.0	82.5	84.4	85.8	86.3	88.3	89.3	89.7	92.4	93.6	96.3	97.7
≥ 500	66.3	73.6	76.7	78.6	82.1	82.6	84.5	85.9	86.4	88.4	89.8	90.1	92.8	94.1	96.8	98.2
≥ 400	66.3	73.6	76.7	78.6	82.1	82.6	84.5	86.0	86.5	88.5	89.9	90.2	93.0	94.4	97.1	98.7
≥ 300	66.3	73.6	76.7	78.6	82.1	82.6	84.5	86.0	86.5	88.5	89.9	90.3	93.1	94.5	97.4	99.1
≥ 200	66.3	73.6	76.7	78.6	82.1	82.6	84.5	86.0	86.5	88.5	90.0	90.4	93.5	94.9	97.8	99.7
≥ 100	66.3	73.6	76.7	78.6	82.1	82.6	84.5	86.0	86.5	88.5	90.0	90.4	93.5	94.9	97.8	100.0
≥ 0	66.3	73.6	76.7	78.6	82.1	82.6	84.5	86.0	86.5	88.5	90.0	90.4	93.5	94.9	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
Air WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK 73-82 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1510-1722
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥⅝	≥½	≥0
NO CEILING	27.1	32.1	33.1	34.1	35.8	35.8	36.7	37.4	37.4	38.1	39.6	39.8	42.4	44.2	45.3	45.8
≥ 20000	28.7	33.9	34.8	35.8	37.5	37.5	38.4	39.2	39.2	39.8	41.3	41.5	44.1	46.0	47.0	47.6
≥ 18000	31.4	37.3	38.3	39.3	41.2	41.2	42.1	43.0	43.0	43.7	45.2	45.4	48.0	49.8	50.9	51.5
≥ 16000	31.9	37.9	38.8	39.8	41.7	41.7	42.6	43.6	43.6	44.2	45.7	46.0	48.5	50.4	51.5	52.0
≥ 14000	33.3	39.4	40.3	41.3	43.3	43.3	44.1	45.1	45.1	45.7	47.2	47.5	50.1	51.9	53.0	53.5
≥ 12000	36.3	42.5	43.9	44.9	46.8	46.8	47.7	48.7	48.7	49.3	50.8	51.0	53.6	55.4	56.5	57.1
≥ 10000	42.0	48.5	49.9	50.9	52.9	52.9	53.7	54.7	54.7	55.3	56.9	57.1	59.7	61.5	62.6	63.1
≥ 9000	43.6	50.3	51.7	52.6	54.6	54.6	55.4	56.4	56.4	57.1	58.6	58.8	61.4	63.2	64.3	64.8
≥ 8000	47.8	54.8	56.3	57.4	59.3	59.3	60.3	61.3	61.3	62.0	63.8	64.1	66.8	68.6	69.8	70.3
≥ 7000	53.1	61.1	62.7	63.9	65.8	65.8	66.8	67.7	67.7	68.6	70.3	70.7	73.4	75.2	76.6	77.2
≥ 6000	53.5	61.6	63.2	64.4	66.5	66.5	67.4	68.4	68.4	69.3	71.0	71.3	74.0	75.8	77.2	77.9
≥ 5000	55.2	63.4	65.4	66.6	68.7	69.0	70.0	71.0	71.0	71.8	73.6	73.9	76.6	78.4	79.8	80.5
≥ 4500	55.6	64.4	66.3	67.5	69.7	70.0	71.0	72.0	72.0	72.8	74.5	74.9	77.6	79.4	80.8	81.4
≥ 4000	56.2	65.2	67.4	68.7	71.4	71.7	72.7	73.7	73.7	74.5	76.3	76.6	79.3	81.1	82.5	83.2
≥ 3500	56.9	66.1	68.4	69.7	72.6	72.9	74.2	75.2	75.2	76.1	77.8	78.1	80.8	82.6	84.0	84.7
≥ 3000	58.0	68.4	71.2	72.6	76.4	76.7	78.0	79.1	79.1	79.9	81.7	82.0	84.7	86.5	87.9	88.6
≥ 2500	58.1	68.9	72.0	73.6	78.0	78.3	79.6	80.7	80.8	81.7	83.4	83.7	86.4	88.2	89.6	90.3
≥ 2000	58.3	69.6	72.8	74.8	79.3	79.6	81.2	82.5	83.0	83.8	85.5	85.9	88.6	90.4	91.8	92.4
≥ 1800	58.4	69.7	72.9	74.9	79.4	79.7	81.3	82.8	83.3	84.1	85.9	86.2	88.9	90.7	92.1	92.8
≥ 1500	58.4	69.7	73.0	75.3	79.9	80.3	82.0	83.7	84.1	85.2	86.9	87.3	90.0	91.8	93.2	93.9
≥ 1200	58.7	70.2	73.6	75.9	80.8	81.1	83.0	84.7	85.1	86.3	88.0	88.3	91.0	92.9	94.3	95.1
≥ 1000	58.9	70.4	73.8	76.3	81.1	81.4	83.6	85.3	85.8	87.2	89.1	89.4	92.1	94.0	95.4	96.2
≥ 900	58.9	70.4	73.8	76.3	81.1	81.4	83.6	85.3	85.8	87.4	89.6	90.0	92.7	94.5	95.9	96.8
≥ 800	58.9	70.4	73.8	76.3	81.1	81.6	83.7	85.5	86.0	87.6	90.0	90.3	93.0	94.8	96.2	97.1
≥ 700	58.9	70.4	73.8	76.3	81.1	81.6	83.7	85.5	86.0	87.7	90.3	90.6	93.3	95.1	96.5	97.4
≥ 600	58.9	70.4	73.9	76.4	81.2	81.7	83.8	85.7	86.1	87.8	90.4	90.7	93.4	95.3	96.7	97.5
≥ 500	59.0	70.7	74.2	76.7	81.6	82.0	84.1	86.0	86.4	88.1	91.0	91.4	94.1	95.9	97.3	98.2
≥ 400	59.0	70.7	74.2	76.7	81.6	82.0	84.1	86.0	86.4	88.1	91.2	91.5	94.4	96.3	97.7	98.6
≥ 300	59.0	70.7	74.2	76.7	81.6	82.0	84.1	86.0	86.4	88.1	91.2	91.6	94.6	96.5	98.1	98.9
≥ 200	59.0	70.7	74.2	76.7	81.7	82.1	84.3	86.1	86.5	88.2	91.4	91.8	95.1	97.1	98.6	99.5
≥ 100	59.0	70.7	74.2	76.7	81.7	82.2	84.4	86.2	86.6	88.3	91.5	91.9	95.3	97.3	98.9	100.0
≥ 0	59.0	70.7	74.2	76.7	81.7	82.2	84.4	86.2	86.6	88.3	91.5	91.9	95.3	97.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 — STATION — EIELSON AFB AK — STATION NAME — 73-82 — YEARS — DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 — HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	30.9	37.6	38.5	39.1	41.7	41.9	43.0	44.3	44.7	45.7	48.5	49.2	51.6	52.6	53.3	53.9
≥ 20000	32.1	39.3	40.1	40.7	43.4	43.5	44.7	46.0	46.3	47.4	50.2	50.8	53.2	54.3	54.9	55.6
≥ 18000	33.7	41.2	42.1	42.6	45.3	45.5	46.7	48.0	48.3	49.4	52.2	52.9	55.2	56.3	57.0	57.6
≥ 16000	34.5	42.1	42.9	43.6	46.3	46.5	47.7	49.0	49.3	50.4	53.2	53.8	56.2	57.3	57.9	58.6
≥ 14000	35.4	42.9	43.8	44.4	47.1	47.4	48.5	49.8	50.2	51.2	54.0	54.7	57.1	58.1	58.8	59.4
≥ 12000	36.9	44.4	45.3	46.1	48.9	49.1	50.3	51.6	51.9	53.0	55.8	56.4	58.8	59.9	60.5	61.2
≥ 10000	40.5	48.3	49.2	49.9	52.9	53.1	54.3	55.6	55.9	57.0	59.8	60.4	62.8	63.9	64.5	65.2
≥ 9000	42.0	49.8	50.7	51.5	54.4	54.6	55.8	57.1	57.4	58.5	61.3	61.9	64.3	65.4	66.0	66.7
≥ 8000	45.5	53.8	54.7	55.6	58.5	58.7	59.9	61.2	61.5	62.6	65.4	66.0	68.4	69.5	70.1	70.8
≥ 7000	49.3	58.5	59.7	60.7	63.6	63.9	65.2	66.5	66.8	67.9	70.7	71.3	73.7	74.8	75.5	76.2
≥ 6000	50.1	59.7	60.9	62.1	65.0	65.3	66.6	67.9	68.2	69.3	72.1	72.7	75.1	76.2	77.1	77.8
≥ 5000	51.1	61.5	62.9	64.1	67.0	67.4	69.0	70.3	70.7	71.8	74.9	75.5	77.9	79.0	79.9	80.6
≥ 4500	51.8	62.6	64.0	65.3	68.2	68.6	70.2	71.5	71.8	73.0	76.1	76.7	79.1	80.2	81.1	81.8
≥ 4000	52.9	64.1	65.8	67.1	70.4	70.9	72.5	73.8	74.1	75.3	78.3	79.0	81.3	82.4	83.4	84.0
≥ 3500	53.7	65.4	67.3	68.7	72.2	72.6	74.4	75.7	76.1	77.2	80.3	80.9	83.3	84.4	85.3	86.0
≥ 3000	54.9	67.1	69.6	71.3	75.1	75.5	77.3	78.6	79.0	80.2	83.2	83.8	86.2	87.3	88.2	88.9
≥ 2500	55.8	68.6	71.2	73.1	77.2	77.7	79.5	80.8	81.1	82.3	85.3	86.0	88.3	89.4	90.4	91.0
≥ 2000	56.3	69.9	72.8	75.0	79.4	79.8	82.0	83.4	83.7	84.9	87.9	88.6	90.9	92.0	93.0	93.6
≥ 1800	56.4	70.1	73.0	75.2	79.7	80.3	82.4	84.0	84.4	85.5	88.6	89.2	91.6	92.7	93.6	94.3
≥ 1500	56.4	70.2	73.1	75.6	80.7	81.2	83.5	85.1	85.4	86.7	89.8	90.4	92.8	93.9	94.8	95.5
≥ 1200	56.6	70.4	73.4	75.8	81.0	81.6	83.9	85.5	85.9	87.2	90.2	90.8	93.2	94.3	95.3	95.9
≥ 1000	57.0	70.8	73.9	76.5	81.7	82.3	84.8	86.5	86.8	88.2	91.5	92.1	94.5	95.6	96.5	97.2
≥ 900	57.0	70.8	73.9	76.5	81.7	82.4	84.9	86.6	86.9	88.5	91.9	92.6	94.9	96.0	97.0	97.6
≥ 800	57.0	70.8	73.9	76.5	81.7	82.4	85.1	86.8	87.2	88.7	92.2	92.9	95.3	96.3	97.3	98.0
≥ 700	57.0	70.8	73.9	76.5	81.7	82.4	85.2	86.9	87.3	88.8	92.3	93.0	95.4	96.4	97.4	98.1
≥ 600	57.0	70.8	73.9	76.5	81.8	82.5	85.3	87.1	87.4	88.9	92.4	93.1	95.5	96.5	97.5	98.2
≥ 500	57.0	70.8	73.9	76.5	81.8	82.6	85.4	87.2	87.5	89.1	92.9	93.5	95.9	97.0	98.0	98.6
≥ 400	57.0	70.8	73.9	76.5	81.8	82.7	85.5	87.3	87.6	89.2	93.0	93.6	96.0	97.1	98.1	98.7
≥ 300	57.0	70.8	73.9	76.5	81.8	82.7	85.5	87.3	87.6	89.4	93.2	93.9	96.5	97.6	98.9	99.6
≥ 200	57.0	70.8	73.9	76.5	81.8	82.7	85.5	87.3	87.6	89.4	93.3	94.0	96.7	97.8	99.1	99.8
≥ 100	57.0	70.8	73.9	76.5	81.8	82.7	85.5	87.3	87.6	89.4	93.3	94.0	96.7	98.1	99.4	100.0
≥ 0	57.0	70.8	73.9	76.5	81.8	82.7	85.5	87.3	87.6	89.4	93.3	94.0	96.7	98.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7C2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.2	37.9	38.4	39.3	41.7	42.5	44.4	45.4	45.6	46.4	48.0	48.9	51.1	51.9	52.6	53.1
≥ 20000	32.5	39.3	39.8	40.7	43.1	43.9	46.0	47.0	47.2	48.1	49.7	50.6	52.9	53.6	54.4	54.8
≥ 18000	34.4	41.6	42.2	43.0	45.8	46.6	48.7	49.7	50.1	50.9	52.5	53.4	55.7	56.4	57.2	57.6
≥ 16000	35.9	43.1	43.7	44.6	47.4	48.1	50.2	51.2	51.6	52.4	54.0	54.9	57.2	57.9	58.7	59.1
≥ 14000	37.0	44.3	45.0	45.8	48.7	49.4	51.5	52.5	52.9	53.7	55.3	56.2	58.5	59.2	60.0	60.4
≥ 12000	39.5	46.8	47.5	48.3	51.1	51.9	53.9	55.0	55.3	56.2	57.8	58.7	60.9	61.7	62.5	62.9
≥ 10000	42.3	49.9	50.6	51.5	54.3	55.0	57.1	58.1	58.5	59.3	60.9	61.8	64.1	64.8	65.6	66.0
≥ 9000	43.4	51.0	51.7	52.5	55.3	56.1	58.1	59.2	59.5	60.4	62.0	62.9	65.2	65.9	66.7	67.1
≥ 8000	47.8	56.0	56.6	57.5	60.3	61.1	63.1	64.2	64.8	65.4	67.0	67.9	70.1	70.9	71.6	72.1
≥ 7000	50.4	59.8	60.6	61.5	64.6	65.4	67.5	68.6	68.9	69.8	71.4	72.3	74.5	75.3	76.1	76.5
≥ 6000	52.0	61.6	62.6	63.5	66.9	67.4	69.6	70.7	71.0	71.8	73.5	74.3	76.7	77.5	78.3	78.7
≥ 5000	53.4	64.0	65.2	66.2	69.7	70.4	72.9	74.1	74.4	75.3	76.9	77.8	80.2	80.9	81.8	82.2
≥ 4500	54.2	65.0	66.2	67.3	70.8	71.5	74.0	75.2	75.5	76.4	78.0	78.9	81.2	82.0	82.8	83.3
≥ 4000	55.7	66.9	68.2	69.4	73.2	74.0	76.5	77.7	78.0	78.9	80.5	81.3	83.7	84.5	85.3	85.8
≥ 3500	55.9	67.8	68.9	70.2	74.3	75.1	77.6	78.7	79.1	79.9	81.6	82.4	84.8	85.5	86.4	86.8
≥ 3000	56.2	68.2	70.3	71.7	76.2	76.9	79.4	80.7	81.0	81.9	83.5	84.4	86.7	87.5	88.3	88.8
≥ 2500	57.0	69.6	72.1	73.6	78.7	79.6	82.2	83.5	83.8	84.7	86.3	87.2	89.5	90.3	91.2	91.6
≥ 2000	57.6	70.9	73.7	75.2	80.5	81.7	84.4	85.7	86.0	86.8	88.5	89.3	91.7	92.4	93.3	93.7
≥ 1800	57.6	70.9	73.7	75.3	80.6	81.8	84.5	85.8	86.1	86.9	88.6	89.4	91.8	92.6	93.4	93.9
≥ 1500	58.0	71.4	74.3	76.2	81.6	82.8	85.5	86.8	87.2	88.0	89.6	90.5	92.9	93.6	94.5	94.9
≥ 1200	58.4	71.7	74.6	76.5	81.9	83.3	86.0	87.3	87.6	88.5	90.1	90.9	93.3	94.1	94.9	95.4
≥ 1000	58.4	72.1	75.5	77.6	83.3	84.7	87.5	89.0	89.3	90.2	91.8	92.7	95.0	95.8	96.7	97.1
≥ 900	58.4	72.1	75.6	77.7	83.4	84.8	87.6	89.1	89.4	90.4	92.0	92.9	95.3	96.0	96.9	97.3
≥ 800	58.4	72.1	75.6	77.7	83.4	84.8	87.6	89.1	89.4	90.4	92.0	92.9	95.3	96.0	96.9	97.3
≥ 700	58.4	72.1	75.6	77.7	83.4	84.8	87.9	89.4	89.8	90.7	92.3	93.2	95.6	96.3	97.2	97.6
≥ 600	58.4	72.1	75.6	77.7	83.4	84.8	87.9	89.4	89.8	90.7	92.3	93.2	95.6	96.3	97.2	97.6
≥ 500	58.4	72.2	75.7	77.8	83.5	85.0	88.1	89.6	90.0	91.3	92.9	93.7	96.1	96.9	97.7	98.2
≥ 400	58.4	72.2	75.8	77.9	83.6	85.1	88.2	89.9	90.2	91.5	93.1	94.0	96.3	97.1	98.0	98.4
≥ 300	58.4	72.2	75.9	78.1	83.8	85.3	88.5	90.1	90.4	92.0	93.9	94.7	97.5	98.5	99.5	99.9
≥ 200	58.4	72.2	75.9	78.1	83.8	85.3	88.5	90.1	90.4	92.0	94.0	94.8	97.6	98.6	99.6	100.0
≥ 100	58.4	72.2	75.9	78.1	83.8	85.3	88.5	90.1	90.4	92.0	94.0	94.8	97.6	98.6	99.6	100.0
≥ 0	58.4	72.2	75.9	78.1	83.8	85.3	88.5	90.1	90.4	92.0	94.0	94.8	97.6	98.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YRS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	30.6	36.0	37.0	37.7	39.9	40.3	41.6	43.0	43.3	44.1	45.6	46.1	48.4	49.4	50.3	50.9
≥ 20000	32.2	37.8	38.9	39.6	41.9	42.3	43.6	45.0	45.4	46.1	47.6	48.1	50.5	51.4	52.3	52.9
≥ 18000	34.6	40.8	41.9	42.6	44.9	45.3	46.7	48.2	48.5	49.3	50.8	51.3	53.6	54.6	55.5	56.1
≥ 16000	35.6	41.8	42.9	43.6	45.9	46.4	47.7	49.2	49.5	50.3	51.8	52.3	54.6	55.6	56.5	57.1
≥ 14000	36.6	42.9	44.0	44.7	47.1	47.5	48.8	50.3	50.6	51.4	52.9	53.4	55.7	56.7	57.6	58.2
≥ 12000	38.8	45.1	46.3	47.0	49.4	49.8	51.1	52.6	53.0	53.7	55.2	55.7	58.1	59.1	60.0	60.6
≥ 10000	42.4	49.0	50.3	51.0	53.4	53.8	55.2	56.7	57.1	57.8	59.4	59.9	62.2	63.2	64.1	64.7
≥ 9000	43.9	50.7	52.0	52.8	55.2	55.6	57.0	58.6	58.9	59.7	61.2	61.7	64.0	65.0	66.0	66.6
≥ 8000	48.0	55.3	56.7	57.5	59.9	60.3	61.7	63.3	63.6	64.4	65.9	66.5	68.8	69.8	70.8	71.4
≥ 7000	52.3	60.3	61.9	62.7	65.3	65.7	67.1	68.7	69.0	69.8	71.4	71.9	74.3	75.2	76.3	76.9
≥ 6000	53.3	61.6	63.2	64.1	66.7	67.1	68.5	70.1	70.4	71.3	72.8	73.3	75.7	76.7	77.8	78.4
≥ 5000	54.9	64.0	65.8	66.8	69.5	70.0	71.5	73.1	73.5	74.3	75.9	76.4	78.8	79.8	80.9	81.5
≥ 4500	55.6	65.2	67.1	68.1	70.8	71.3	72.9	74.5	74.8	75.7	77.2	77.8	80.2	81.2	82.3	82.9
≥ 4000	56.4	66.4	68.5	69.6	72.6	73.1	74.8	76.4	76.7	77.6	79.2	79.7	82.1	83.1	84.2	84.8
≥ 3500	57.2	67.6	69.9	71.3	74.5	75.0	76.7	78.3	78.7	79.6	81.1	81.6	84.1	85.1	86.2	86.8
≥ 3000	58.0	69.8	71.7	73.2	76.9	77.4	79.1	80.8	81.1	82.0	83.6	84.1	86.5	87.5	88.6	89.3
≥ 2500	58.4	70.0	73.0	74.7	78.7	79.2	81.0	82.6	83.0	83.9	85.5	86.0	88.4	89.4	90.5	91.1
≥ 2000	58.8	70.9	74.1	75.9	80.2	80.7	82.7	84.5	84.9	85.9	87.5	88.0	90.4	91.4	92.5	93.1
≥ 1800	58.9	71.0	74.2	76.0	80.3	80.9	83.0	84.8	85.2	86.2	87.8	88.3	90.7	91.7	92.9	93.5
≥ 1500	59.2	71.4	74.6	76.6	81.0	81.7	83.8	85.7	86.2	87.3	88.9	89.4	91.8	92.8	93.9	94.6
≥ 1200	59.3	71.6	74.9	76.9	81.4	82.1	84.3	86.3	86.8	87.8	89.4	89.9	92.4	93.4	94.5	95.2
≥ 1000	59.5	71.8	75.2	77.2	82.0	82.7	85.1	87.2	87.7	88.9	90.6	91.1	93.6	94.6	95.7	96.4
≥ 900	59.5	71.8	75.2	77.3	82.0	82.8	85.2	87.4	88.0	89.2	91.0	91.5	94.0	95.0	96.1	96.8
≥ 800	59.5	71.8	75.2	77.3	82.1	82.9	85.3	87.6	88.1	89.3	91.1	91.7	94.2	95.2	96.3	96.9
≥ 700	59.5	71.9	75.3	77.4	82.2	83.0	85.5	87.7	88.3	89.5	91.4	92.0	94.5	95.5	96.6	97.2
≥ 600	59.6	72.0	75.4	77.5	82.3	83.1	85.6	88.0	88.5	89.8	91.7	92.2	94.7	95.7	96.8	97.5
≥ 500	59.6	72.1	75.5	77.6	82.4	83.3	85.9	88.3	88.9	90.3	92.3	92.9	95.4	96.4	97.5	98.2
≥ 400	59.7	72.1	75.6	77.7	82.5	83.4	86.0	88.5	89.0	90.4	92.4	93.0	95.6	96.6	97.8	98.4
≥ 300	59.7	72.1	75.6	77.7	82.5	83.8	86.2	88.6	89.1	90.7	92.8	93.4	96.2	97.3	98.5	99.3
≥ 200	59.7	72.1	75.6	77.7	82.5	83.5	86.2	88.6	89.2	90.8	93.0	93.6	96.5	97.6	99.0	99.7
≥ 100	59.7	72.1	75.6	77.7	82.5	83.5	86.2	88.6	89.2	90.8	93.1	93.7	96.6	97.8	99.2	100.0
≥	59.7	72.1	75.6	77.7	82.5	83.5	86.2	88.6	89.2	90.8	93.1	93.7	96.6	97.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7930

USAF ETAC (NOV 64) 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7C2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥⅝	≥½	≥0
NO CEILING	38.9	41.4	41.8	42.1	42.7	42.8	43.0	43.4	43.5	43.7	44.1	44.2	44.7	44.9	45.1	45.2
≥ 20000	43.7	46.3	46.7	47.0	47.6	47.7	47.9	48.3	48.4	48.7	49.0	49.1	49.6	49.8	50.0	50.2
≥ 18000	46.9	49.7	50.1	50.4	51.0	51.1	51.4	51.7	51.9	52.1	52.5	52.6	53.1	53.3	53.5	53.6
≥ 16000	47.7	50.5	51.0	51.3	51.9	52.0	52.2	52.6	52.7	52.9	53.3	53.4	53.9	54.1	54.3	54.5
≥ 14000	48.6	51.4	51.9	52.2	52.8	52.9	53.2	53.5	53.6	53.9	54.3	54.4	54.8	55.1	55.3	55.4
≥ 12000	51.3	54.3	54.7	55.1	55.6	55.8	56.0	56.4	56.5	56.7	57.1	57.2	57.7	57.9	58.2	58.3
≥ 10000	56.4	59.6	60.1	60.5	61.1	61.2	61.5	61.8	62.0	62.2	62.6	62.7	63.2	63.4	63.6	63.7
≥ 9000	58.7	62.1	62.7	63.0	63.6	63.7	64.0	64.4	64.5	64.7	65.1	65.2	65.7	65.9	66.1	66.3
≥ 8000	64.3	68.1	68.7	69.1	69.7	69.8	70.1	70.5	70.6	70.9	71.3	71.4	71.9	72.1	72.3	72.4
≥ 7000	68.1	72.3	72.9	73.3	74.0	74.2	74.4	74.8	75.0	75.2	75.6	75.7	76.2	76.4	76.7	76.8
≥ 6000	69.6	73.9	74.6	75.0	75.8	75.9	76.2	76.6	76.7	77.0	77.4	77.5	78.0	78.2	78.4	78.6
≥ 5000	72.2	76.9	77.6	78.1	78.9	79.1	79.4	79.8	79.9	80.2	80.6	80.7	81.2	81.4	81.7	81.8
≥ 4500	73.5	78.5	79.3	79.8	80.7	80.9	81.2	81.6	81.8	82.0	82.4	82.5	83.0	83.2	83.5	83.6
≥ 4000	75.1	80.5	81.4	82.0	83.0	83.1	83.5	83.9	84.0	84.3	84.7	84.8	85.3	85.5	85.8	85.9
≥ 3500	76.2	81.9	82.9	83.5	84.6	84.8	85.1	85.5	85.7	86.0	86.4	86.5	87.0	87.2	87.4	87.6
≥ 3000	77.4	83.7	84.8	85.5	86.8	87.0	87.3	87.8	88.0	88.2	88.7	88.8	89.3	89.5	89.7	89.9
≥ 2500	78.1	84.7	86.0	86.8	88.2	88.4	88.8	89.3	89.4	89.7	90.2	90.3	90.8	91.0	91.2	91.4
≥ 2000	78.6	85.6	86.9	87.8	89.4	89.6	90.2	90.7	90.8	91.2	91.6	91.7	92.2	92.4	92.7	92.8
≥ 1800	78.7	85.7	87.1	88.1	89.7	89.9	90.5	91.0	91.2	91.5	91.9	92.0	92.5	92.8	93.0	93.1
≥ 1500	79.1	86.5	88.0	89.1	90.8	91.1	91.7	92.3	92.5	92.9	93.3	93.4	94.0	94.2	94.4	94.6
≥ 1200	79.4	86.9	88.5	89.7	91.5	91.8	92.5	93.2	93.4	93.7	94.2	94.3	94.8	95.1	95.3	95.4
≥ 1000	79.6	87.4	89.1	90.3	92.3	92.7	93.6	94.3	94.5	94.9	95.4	95.5	96.1	96.3	96.6	96.7
≥ 900	79.6	87.6	89.3	90.5	92.6	93.0	93.9	94.6	94.8	95.3	95.8	95.9	96.5	96.7	96.9	97.1
≥ 800	79.7	87.7	89.5	90.7	92.8	93.3	94.2	94.9	95.1	95.6	96.1	96.2	96.8	97.0	97.3	97.4
≥ 700	79.8	87.9	89.7	91.0	93.1	93.6	94.5	95.2	95.5	95.9	96.5	96.6	97.2	97.4	97.7	97.8
≥ 600	79.8	88.1	89.9	91.2	93.4	93.9	94.8	95.6	95.9	96.3	96.9	97.1	97.6	97.9	98.1	98.3
≥ 500	79.9	88.3	90.2	91.5	93.8	94.3	95.3	96.1	96.3	96.9	97.5	97.6	98.2	98.5	98.7	98.9
≥ 400	79.9	88.4	90.3	91.6	94.1	94.5	95.6	96.4	96.7	97.2	97.9	98.0	98.6	98.9	99.2	99.3
≥ 300	79.9	88.4	90.3	91.7	94.2	94.7	95.7	96.6	96.9	97.4	98.1	98.2	98.9	99.2	99.5	99.7
≥ 200	79.9	88.4	90.3	91.7	94.2	94.7	95.8	96.6	96.9	97.5	98.2	98.4	99.1	99.4	99.7	99.9
≥ 100	79.9	88.4	90.3	91.7	94.2	94.7	95.8	96.6	96.9	97.5	98.2	98.4	99.1	99.4	99.8	100.0
≥ 0	79.9	88.4	90.3	91.7	94.2	94.7	95.8	96.6	96.9	97.5	98.2	98.4	99.1	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 87633

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED 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

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — PERIOD
JAN — 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	19.4			34.3						18.2	28.1	5.5	892
	03-05	20.1			33.1						16.6	30.2	5.5	895
	06-08	15.4			36.0						20.6	28.0	5.7	894
	09-11	7.4			34.1						27.2	31.3	6.6	905
	12-14	7.8			29.3						28.3	34.6	6.9	908
	15-17	6.6			33.4						25.1	34.8	6.7	907
	18-20	11.5			37.7						17.9	32.9	6.0	903
	21-23	17.2			34.2						19.5	29.1	5.7	897
TOTALS		13.2			34.0						21.7	31.1	6.1	7201

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

702650 EIELSON AFB AK 73-82 FEB

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		
FEB	00-02	33.2			28.0						12.5	26.3	4.6	838
	03-05	33.1			24.5						13.1	29.2	4.8	831
	06-08	22.2			31.0						17.8	29.1	5.4	833
	09-11	16.9			27.2						28.7	27.2	6.1	827
	12-14	20.5			24.7						27.1	27.8	6.0	835
	15-17	20.6			29.0						22.0	28.3	5.7	844
	18-20	26.3			28.7						18.2	26.9	5.2	841
	21-23	31.9			26.8						15.3	25.9	4.8	842
TOTALS		25.6			27.5						19.3	27.6	5.3	6691

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — 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	26.2			31.0						16.7	26.2	5.0	929
	03-05	20.5			28.4						21.3	29.8	5.7	926
	06-08	10.8			24.8						31.6	32.9	6.9	928
	09-11	11.2			27.3						26.9	34.6	6.7	930
	12-14	9.7			29.8						28.3	32.3	6.7	930
	15-17	8.7			28.9						26.6	35.8	6.8	930
	18-20	11.9			28.0						25.4	34.7	6.6	930
	21-23	20.9			29.5						20.0	29.6	5.6	929
TOTALS		15.0			28.5						24.6	32.0	6.3	7432

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

702950 EIELSON AFB AK 73-82 APR

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		
APR	00-02	19.7			34.7						20.6	25.1	5.4	900
	03-05	11.3			32.3						26.6	29.8	6.3	900
	06-08	12.2			24.2						28.6	35.0	6.8	900
	09-11	10.1			26.7						32.4	30.8	6.8	900
	12-14	6.9			26.2						33.7	33.2	7.1	900
	15-17	5.9			25.8						33.9	34.4	7.3	900
	18-20	5.4			28.4						32.1	34.0	7.1	900
	21-23	11.3			38.3						24.1	26.2	5.9	900
TOTALS		10.4			29.6						29.0	31.1	6.6	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 265□ EIELSON AFB AK 73-82 MAY

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		
MAY	00-02	5.3			32.2						37.0	25.6	6.9	930
	03-05	5.0			25.2						41.4	28.4	7.3	928
	06-08	4.1			29.2						36.7	30.0	7.2	926
	09-11	2.8			31.0						37.4	28.8	7.2	930
	12-14	1.4			24.3						44.2	30.1	7.7	930
	15-17	1.2			21.0						48.5	29.4	7.9	930
	18-20	1.7			25.0						45.5	27.8	7.6	929
	21-23	2.5			30.3						38.0	29.2	7.3	930
TOTALS		3.0			27.3						41.1	28.7	7.4	7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — PERIOD
JUN — 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	1.4			24.8						39.9	33.9	7.7	900
	03-05	2.2			22.1						39.7	36.0	7.8	900
	06-08	2.3			21.2						39.0	37.4	7.9	900
	09-11	1.1			21.1						39.9	37.9	8.0	900
	12-14	.8			16.8						43.0	39.4	8.3	900
	15-17	.6			15.7						45.4	38.3	8.4	900
	18-20	.4			18.7						44.6	36.3	8.2	900
	21-23	.3			24.9						42.0	32.7	7.8	898
TOTALS		1.1			20.7						41.7	36.5	8.0	7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2650 EIELSON AFB AK 73-82 JUL

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		
JUL	00-02	1.4			28.9						38.0	31.7	7.5	930
	03-05	1.7			24.5						38.8	35.0	7.7	929
	06-08	2.6			20.9						39.0	37.5	7.9	930
	09-11	2.3			22.6						41.2	34.0	7.8	930
	12-14	1.4			23.5						43.0	32.0	7.8	930
	15-17	1.2			19.4						44.7	34.7	8.1	930
	18-20	1.5			19.4						45.7	33.4	8.0	930
	21-23	1.6			23.0						43.0	32.4	7.8	930
TOTALS		1.7			22.8						41.7	33.8	7.8	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — PERIOD
AUG — 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		
AUG	00-02	5.8			28.6						32.3	33.3	7.1	930
	03-05	2.4			24.3						35.6	37.7	7.7	929
	06-08	2.3			18.5						36.5	42.8	8.1	930
	09-11	1.7			19.9						38.4	40.0	8.1	930
	12-14	.8			24.1						38.8	36.3	7.9	930
	15-17	.2			22.8						43.4	33.5	7.9	930
	18-20	.3			23.9						44.1	31.7	7.9	930
	21-23	2.7			28.4						36.2	32.7	7.4	930
TOTALS		2.0			23.8						38.2	36.0	7.8	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

702650 | EIELSON AFB AK | 73-82 | SEP
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		
SEP	00-02	14.4			20.6						21.3	43.7	6.9	897
	03-05	7.1			23.0						25.3	44.6	7.4	900
	06-08	4.3			16.6						33.3	45.8	8.1	899
	09-11	3.8			20.6						35.7	39.9	7.8	899
	12-14	3.3			18.4						36.8	41.4	8.0	900
	15-17	2.6			20.3						35.3	41.8	8.0	900
	18-20	4.1			21.9						30.1	43.9	7.8	900
	21-23	8.9			25.6						21.8	43.7	7.1	898
TOTALS		6.1			20.9						30.0	43.1	7.6	7193

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

702650 EIELSON AFB AK 73-82 OCT

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		
OCT	00-02	10.0			18.4						15.9	55.7	7.6	930
	03-05	8.6			19.0						18.8	53.5	7.6	930
	06-08	1.9			16.7						27.8	53.5	8.4	930
	09-11	1.6			13.1						33.5	51.7	8.6	928
	12-14	2.5			13.0						33.0	51.5	8.5	930
	15-17	2.2			13.7						32.3	51.9	8.5	930
	18-20	4.4			17.8						24.1	53.7	8.1	930
	21-23	8.1			22.0						14.5	55.4	7.5	927
TOTALS		4.9			16.7						25.0	53.4	8.1	7435

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

702650 EIELSON AFB AK 73-82 NOV

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		
NOV	00-02	15.6			23.4						20.5	40.5	6.6	897
	03-05	15.2			22.5						20.0	42.3	6.7	895
	06-08	9.9			23.5						22.5	44.1	7.1	898
	09-11	5.6			21.4						29.1	43.9	7.7	900
	12-14	5.4			19.7						29.8	45.2	7.8	897
	15-17	6.0			19.0						30.2	44.8	7.8	897
	18-20	11.4			23.4						19.6	45.7	7.0	895
	21-23	14.1			23.4						19.0	43.5	6.8	894
TOTALS		10.4			22.0						23.8	43.8	7.2	7173

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

702650 EIELSON AFB AK 73-82 DEC

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		
DEC	00-02	13.0			31.3						18.5	37.3	6.3	902
	03-05	14.4			32.2						19.5	34.0	6.1	904
	06-08	11.2			33.1						22.8	33.0	6.3	901
	09-11	4.8			27.7						33.3	34.2	7.3	903
	12-14	3.2			28.1						34.1	34.7	7.4	909
	15-17	4.6			31.2						28.9	35.3	7.1	911
	18-20	8.4			33.7						23.6	34.3	6.6	902
	21-23	10.4			31.9						21.8	35.9	6.5	903
TOTALS		8.8			31.2						25.3	34.8	6.7	7235

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2653 | EIELSON AFB AK | 73-82 | ALL
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	ALL	13.2			34.0						21.7	31.1	6.1	7201
FEB		25.6			27.5						19.3	27.6	5.3	6691
MAR		15.0			28.5						24.6	32.0	6.3	7432
APR		10.4			29.6						29.0	31.1	6.6	7200
MAY		3.0			27.3						41.1	28.7	7.4	7433
JUN		1.1			20.7						41.7	36.5	8.0	7198
JUL		1.7			22.8						41.7	33.8	7.8	7439
AUG		2.0			23.8						38.2	36.0	7.8	7439
SEP		6.1			20.9						30.0	43.1	7.6	7193
OCT		4.9			16.7						25.0	53.4	8.1	7435
NOV		10.4			22.0						23.8	43.8	7.2	7173
DEC		8.8			31.2						25.3	34.8	6.7	7235
TOTALS		8.5			25.4						30.1	36.0	7.1	87069

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

E

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

      NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month nd 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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

7'2650 EIELSON AFB AK 44-82

STATION STATION NAME 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
≥ 90					.1	.5	.2						.1
85					.3	2.1	2.6	.4					.4
80					.7	8.0	12.1	4.7	.2				2.1
75					2.1	20.5	30.3	15.0	.6				5.6
70				.3	7.7	40.4	53.8	31.1	3.9				11.3
65				1.3	21.5	65.7	76.0	54.1	12.7	.1			19.1
60				2.7	43.4	84.4	90.6	77.1	30.8	1.1			27.3
55				7.0	67.5	95.2	98.7	90.8	51.3	3.0			38.2
50			.1	.3	16.9	82.9	99.5	99.9	97.9	70.2	7.3	.1	39.3
45	.6	.6	3.9	34.1	91.6	99.9	100.0	99.9	81.6	14.7	1.9	.1	43.7
40	2.4	3.5	12.8	52.2	97.1	100.0		100.0	90.6	25.9	4.7	1.8	48.9
35	4.2	7.2	24.1	68.9	98.3				98.1	40.9	7.3	3.7	54.1
30	6.5	11.4	35.5	81.8	99.3				99.8	57.6	11.6	5.4	58.7
25	9.9	17.8	47.3	90.7	99.6				100.0	74.6	18.1	8.5	63.5
20	13.9	25.5	60.2	95.9	99.7					85.3	28.8	13.0	68.2
15	19.4	33.9	70.6	98.8	100.0					92.7	41.9	18.4	72.7
10	27.1	43.1	79.9	99.6						96.1	57.2	25.9	77.1
5	35.7	53.8	86.7	100.0						98.4	68.2	36.8	81.4
0	47.3	64.5	92.8							99.5	77.5	48.9	85.7
-5	57.1	73.4	96.5							99.7	84.4	58.8	89.0
-10	64.4	80.2	97.9							99.8	88.7	68.6	91.5
-15	71.7	87.3	99.5							99.9	92.8	75.6	93.8
-20	78.9	92.8	99.9							100.0	96.5	81.1	95.5
-25	82.0	96.2	100.0								98.7	85.1	96.7
-30	86.9	99.3									99.6	89.5	97.8
-35	91.9	99.3									99.9	92.9	98.6
-40	94.3	99.9									100.0	96.0	99.2
-45	97.9	100.0										98.2	99.7
-50	99.5											99.6	99.9
-55	99.9											99.8	100.0
-60	100.0											100.0	100.0
MEAN	-3.5	6.4	22.4	39.5	57.8	67.8	70.2	65.8	54.0	31.8	10.9	-2.6	35.0
S D	21.57	18.25	14.65	10.89	9.29	8.06	7.71	8.06	9.54	12.08	16.14	20.10	30.23
TOTAL OBS	1147	1045	1147	1110	1146	1087	1116	1115	1080	1116	1130	1177	13416

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
702650 EIELSON AFB AK 44-82
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 60						.8	1.8	.3					.2
≥ 55					.4	8.8	17.7	5.0		.1			2.6
≥ 50					2.2	34.8	63.9	29.4	.9	.2			10.9
≥ 45				.3	11.3	71.8	90.9	63.0	9.2	.4			20.4
≥ 40				.7	33.9	92.5	98.6	84.2	26.4	.6	.2		27.8
≥ 35	.1		.4	3.5	64.0	99.4	100.0	95.7	50.5	3.0	.3		34.5
≥ 33	.3	.2	.6	7.6	74.8	99.6		97.3	62.2	6.0	.4		37.1
≥ 30	.7	.4	1.9	19.5	88.1	100.0		99.4	78.2	13.2	1.2	.2	41.6
≥ 25	1.2	.9	4.4	37.5	95.8			100.0	93.5	31.5	2.4	.5	47.0
≥ 20	2.5	3.3	8.6	55.0	97.7				98.1	49.5	5.9	1.8	51.5
≥ 15	4.8	7.0	14.8	68.6	98.9				99.6	62.3	11.1	3.1	55.5
≥ 10	8.2	11.3	21.4	78.5	99.3				100.0	73.3	20.4	6.1	59.5
≥ 5	10.8	16.6	32.3	85.1	99.7					82.6	29.8	10.0	63.6
≥ 0	16.8	22.4	44.2	89.9	99.8					88.3	41.2	15.7	67.9
≥ -5	23.6	32.2	56.1	93.5	99.9					93.3	53.4	24.8	72.8
≥ -10	32.3	42.1	68.4	96.8	100.0					96.2	66.3	36.0	78.0
≥ -15	42.8	51.9	76.5	98.5						98.0	75.0	47.2	82.3
≥ -20	52.6	60.9	82.6	99.8						99.6	80.6	59.2	86.1
≥ -25	60.7	69.3	87.9	99.9						99.7	86.6	67.5	89.2
≥ -30	66.3	76.3	92.7	100.0						99.8	92.0	74.9	91.8
≥ -35	73.8	83.3	96.6							100.0	97.4	81.4	94.3
≥ -40	82.3	90.8	98.9								99.5	87.2	96.5
≥ -45	88.8	96.0	99.5								100.0	93.6	98.1
≥ -50	94.3	98.7	100.0									97.6	99.2
≥ -55	98.3	99.5										99.3	99.8
≥ -60	99.7	100.0										99.9	100.0
≥ -65	100.0											100.0	100.0
MEAN	-20.0	-14.9	-3.7	18.2	36.5	47.9	50.6	45.8	34.8	16.5	-5.0	-17.7	15.7
S D	19.846	18.729	16.893	12.682	7.132	5.286	4.321	6.049	6.971	12.928	16.177	17.587	29.153
TOTAL OBS.	1147	1045	1147	1110	1196	1087	1116	1115	1080	1116	1130	1177	13416

USAFETAC FORM JUL 84 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

702650 EIELSON AFB AK 44-82
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 75						.3	.2						.0
≥ 70					.3	2.7	3.4	.4					.6
≥ 65					.8	12.3	22.0	7.2					3.5
≥ 60					3.1	38.7	60.1	27.5	1.5	.1			10.8
≥ 55				.3	14.7	70.6	88.4	60.1	6.9	.4			19.9
≥ 50				1.4	40.1	92.8	98.6	85.9	23.8	.7			28.4
≥ 45				4.4	69.3	99.1	99.9	96.9	54.4	2.5	.2		35.3
≥ 40	.3	.1	.4	16.3	87.7	99.9	100.0	99.4	76.7	7.5	.6		40.4
≥ 35	.9	.5	2.9	34.0	95.5	100.0		100.0	89.2	19.8	1.8	.3	45.1
≥ 30	1.6	2.2	8.5	55.4	97.8				98.1	36.4	4.0	1.1	50.1
≥ 25	3.7	5.8	17.1	70.8	98.8				99.8	54.0	8.3	2.3	54.7
≥ 20	6.9	11.5	26.5	80.4	99.4				100.0	69.1	13.5	5.0	59.0
≥ 15	10.6	16.5	40.3	88.4	99.7					81.5	24.2	9.0	63.9
≥ 10	14.8	23.4	54.1	93.9	100.0					88.6	35.9	14.4	68.5
≥ 5	20.9	32.9	65.3	97.0						93.4	50.2	21.0	73.1
≥ 0	28.3	42.8	74.1	99.1						96.4	60.4	29.6	77.3
≥ -5	38.4	52.6	81.8	99.8						98.8	72.0	40.9	81.8
≥ -10	50.2	62.6	89.1	100.0						99.6	79.6	53.4	86.1
≥ -15	59.1	71.2	93.5							99.7	85.8	64.0	89.3
≥ -20	65.9	79.1	96.9							99.8	90.	70.9	91.8
≥ -25	72.7	85.4	98.9							99.9	95.1	78.9	94.2
≥ -30	79.2	92.1	99.7							100.0	98.2	83.3	96.0
≥ -35	85.1	96.4	100.0								99.6	88.8	97.4
≥ -40	90.8	98.4									100.0	93.2	98.5
≥ -45	94.8	99.5										96.5	99.2
≥ -50	98.0	100.0										98.9	99.7
≥ -55	99.6											99.7	99.9
≥ -60	100.0											100.0	100.0
MEAN	-11.9	-4.3	9.8	29.0	47.3	57.8	60.6	55.9	44.6	24.4	3.0	-10.3	25.5
S.D.	20.409	18.138	15.047	11.047	7.499	5.852	5.022	5.853	7.196	11.880	15.885	18.526	29.517
TOTAL OBS.	1147	1045	1147	1110	1146	1087	1116	1115	1080	1116	1130	1177	13416

USAFETAC FORM 0-21-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

702650 EIELSON AFB AK 44-82
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ALL MONTHS
44										*	22	43	
45	47	49	44	51	74*	68							
46											37	11	
47	27	43	48	53	92	84	86	75	63	52	48	31	92
48	41	37	37	43	71	91	83	78	67	50	49	19	91
49	26	25	49	52	73	73	84*	82	72	46	48	18	84
50	32	18	42	55	71	85	84	85	69	63	30	28	85
51	10	37	46	60	76	83	89	84	73	46	49	27	89
52	20	39	42	52	65	83	84	78	69	61	49	40	84
53	25	41	40	68	76	84	89	80	65	60	31	19	89
54	25	42	45	51	73	84	82	83	70	54	45	28	84
55	42	22	45	51	68	76	92	77	64	50	15	30	92
56	14	23	44	60	68	78	85	77	69	37	46	11	85
57	33	44	48	54	72	87	85	82	82	54	38	24	87
58	37	26	43	68	83	88	92	80	65	42	39	18	92
59	15	31	42	53	73	82	81	83	65	48	37	29	83
60	38	32	44	70	88	78	87	84	67	47	42	44	88
61	48	20	48	62	72	78	84	74	74	56	42	22	84
62	41	34	48	50	66	80	82	85	61	52	43	25	85
63	33	42	43	56	81	72	82	81	79	59	16	40	82
64	12	40	34	45	79	77	79	77	68	55	48	8	79
65	43	20	50	56	72	79	80	75	80	46	35	27	80
66	26	25	45	56	61	80	80	81	69	57	25	20	81
67	18	33	40	62	69	88	86	81	72	46	44	44	88
68	33	45	43	51	70	78	85	82	66	49	31	36	85
69	9	40	47	62	76	93	74	71	70	68	41	45	93
70	40	46	51	60	72	74	85	76	64	52	48	39	85
71	39	28	37	55	68	91	80	74	67	55	33	32	91
72	28	16	40	48	72	90	84	78	74	58	31	33	90
73	37	37	48	65	73	78	84	82	75	46	23	42	84
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

702650 EIELSON AFB AK 44-82
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	17	13	46	59	77	79	80	82	70	40	33	6	82
75	32	41	44	53	76	81	89	77	70	55	31	40	89
76	37	41	40	70	71	80	88	88	65	54	50	40	88
77	40	45	41	59	76	79	88	86	66	56	13*	23	88
78	31	44	41	60	67	70	84	79	71	46	31	28	84
79	26	8	43	74	72	78	82	82	74	63	46	28	82
80	46	50	47	58*	77	80	82	84	64	53	27	42	84
81	49	44	52	61	77	78	77	80	70	48	46	41	80
82	7	34	48	54	70	85	84	76	70	40	38	43	85
MEAN	30.3	33.9	44.2	57.2	73.3	81.2	83.9	79.9	69.4	51.8	37.2	29.8	86.0
S.D.	11.790	10.899	4.061	7.087	6.047	5.504	3.869	3.921	4.807	6.984	10.210	11.137	3.921
TOTAL OBS	1147	1045	1147	1110	1146	1087	1116	1115	1080	1116	1130	1177	13416

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AIR 64 0-88-5 (OLA)

8 (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

7 2650 STATION — EIELSON AFB AK STATION NAME — 44-82 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
44										*	-32	-48	
45	-29	-48	-24	-19	-6*	37							
46											-32	-60	
47	-62	-60	-29	-11	21	31	38	29	16	-10	-18	-28	-62
48	-35	-38	-34	-19	14	41	41	27	19	-4	-41	-45	-45
49	-46	-46	-11	-19	9	35	38*	36	23	4	-20	-50	-50
50	-36	-56	-17	-26	30	34	43	34	27	-13	-43	-33	-56
51	-55	-43	-41	4	30	37	43	39	24	-6	-26	-44	-55
52	-56	-35	-36	-15	14	37	45	28	20	3	-16	-26	-56
53	-52	-50	-29	4	31	44	42	36	25	-19	-16	-28	-52
54	-47	-45	-25	-5	26	36	41	35	19	12	-10	-53	-53
55	-37	-46	-41	-17	28	34	44	30	20	-11	-32	-47	-47
56	-51	-52	-50	-9	32	38	42	39	12	-19	-40	-48	-52
57	-49	-49	-19	5	26	38	39	39	17	-4	-14	-43	-49
58	-33	-30	-18	11	23	39	40	34	21	-21	-34	-46	-46
59	-48	-22	-40	-15	24	38	37	33	26	-13	-25	-30	-48
60	-49	-26	-29	-20	27	32	39	36	18	0	-36	-27	-49
61	-31	-27	-36	-8	25	34	41	32	26	-14	-38	-61	-61
62	-51	-34	-35	9	12	37	39	29	26	7	-32	-41	-51
63	-51	-41	-30	-16	28	32	41	32	22	-9	-44	-27	-51
64	-42	-40	-49	-19	4	39	41	35	25	-8	-38	-56	-56
65	-54	-48	-23	5	11	35	38	30	20	-16	-25	-47	-54
66	-49	-42	-39	-4	26	38	39	33	23	-16	-34	-50	-50
67	-44	-39	-33	5	24	39	44	37	26	-5	-35	-41	-44
68	-46	-57	-20	-1	28	40	45	32	19	-11	-28	-50	-57
69	-57	-48	-30	3	31	37	39	29	20	0	-40	-21	-57
70	-40	-28	-26	3	25	36	43	37	20	-17	-33	-48	-48
71	-64	-44	-49	-14	24	36	36	36	26	2	-38	-43	-64
72	-51	-45	-41	-21	25	36	44	39	13	-3	-20	-37	-51
73	-54	-39	-21	16	29	38	42	34	24	-6	-35	-31	-54
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 66 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

702650 EIELSON AFB AK 44-82
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	-49	-49	-41	2	23	36	40	25	14	-10	-37	-53	-53
75	-60	-47	-22	-11	27	40	38	31	24	-35	-35	-53	-60
76	-41	-44	-15	4	31	40	40	37	25	-19	-18	-21	-44
77	-17	-9	-21	-2	28	41	43	32	29	-6	-30*	-52	* -52
78	-32	-25	-13	-10	30	37	44	35	28	-3	-19	-24	-32
79	-29	-45	-25	-7	32	38	45	41	25	6	-7	-36	-45
80	-54	-11	-26	13*	30	38	43	35	22	11	-11	-46	-54
81	-9	-33	-1	0	29	40	38	31	23	8	-14	-42	-42
82	-46	-39	-22	-16	26	36	47	36	30	-16	-35	-29	-46
MEAN	-44.6	-40.0	-28.5	-5.9	23.6	37.1	41.2	33.6	22.1	-7.3	-28.4	-40.9	-51.2
S.D.	11.962	11.621	11.330	11.123	8.600	2.738	2.678	3.835	4.389	10.227	10.393	11.152	6.532
TOTAL OBS.	1147	1045	1147	1110	1146	1087	1116	1115	1080	1116	1130	1177	13416

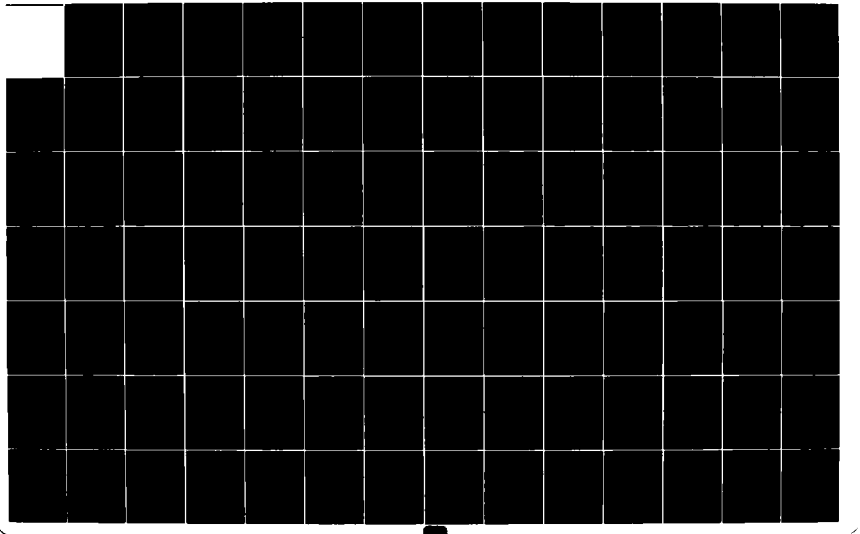
NOTES * (BASED ON LESS THAN FULL MONTHS)

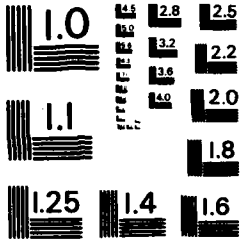
(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 80 0-80-5 (OLA)

AD-A134 198 EIELSON AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 22 JUL 83 4/6

UNCLASSIFIED USAFETAC/DS-83/027 SBI-AD-E850 416 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4 / 45						•1												1	1		
44/ 43					•3	•5	•3											10	10		
42/ 41					•2	•1												3	3		
40/ 39					•1	•5												5	5		
38/ 37				•2	•5													6	6	3	
36/ 35			•1	•5	•1													6	6	3	
34/ 33			•1	•9	•1													10	10	6	
32/ 31		•1	•6	1•0														15	15	9	
30/ 29			•8	•2														9	9	15	1
28/ 27			•7	•1														7	7	13	
26/ 25			1•1	•1														11	11	16	3
24/ 23	•1	•6	•6															11	11	11	1
22/ 21		•2	•6															7	7	15	7
20/ 19		•2	•2															4	4	7	18
18/ 17	•1	•6	•5															10	10	6	15
16/ 15	•5	1•1	•8															21	21	17	16
14/ 13	•3	1•3	•1															15	15	15	25
12/ 11	•2	1•3																13	13	24	21
10/ 9	•8	2•9	•5															36	36	18	11
8/ 7	•2	2•2	•3															24	24	25	19
6/ 5	•6	2•1	•1															24	24	30	14
4/ 3	1•6	2•1																32	32	36	16
2/ 1	1•3	5•1																56	56	46	20
0/ -1	3•3	1•1																39	39	51	24
-2/ -3	2•1	1•7																33	33	34	22
-4/ -5	1•9	1•1																27	27	28	41
-6/ -7	5•4	•6																52	52	55	26
-8/ -9	3•9																	34	34	36	32
-10/-11	3•0																	26	26	26	28
-12/-13	3•4																	30	30	30	13
-14/-15	2•1																	18	18	18	34
-16/-17	2•1																	18	18	18	43
-18/-19	1•6																	14	14	14	52
-20/-21	1•8																	16	16	16	27

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
- 2/-23	1.3																	11	11	11	29
-24/-25	2.6																	23	23	23	24
-2?/-27	1.8																	16	16	16	22
-2?/-29	2.3																	20	20	20	28
- /-31	1.9																	17	17	17	15
- 2/-33	2.7																	24	26	24	8
-34/-35	1.6																	14	21	14	12
-3?/-37	1.7																	15	28	15	21
-?8/-39	1.6																	14	16	14	19
- /-41	1.7																	15	26	15	35
-?2/-43	1.6																	14	19	14	29
- 4/-45	1.8																	16	19	16	16
-46/-47	1.6																	14	19	14	17
-4?/-49	.6																	5	6	5	17
- ?/-51																			3		19
- /-53	.1																	1	3	1	14
- 4/-55	.2																	2	2	2	5
-5?/-57	.1																	1	1	1	
- /-59	1.3																	11	11	11	1
- /-61																					2
- 2/-63																					1
- 4/-65																					11
TOTAL	62.8	24.2	7.1	3.1	1.4	1.1	.3											876	930	876	876

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3514569	54257	61.9	13.268	876							
Dry Bulb	566731	-8211	-8.8	23.065	930	59.4	88.9					93
Wet Bulb	440114	-6866	-7.8	21.012	876	59.6	91.7					93
Dew Point	630637	-14907	-17.0	20.756	876	73.1	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK 73-82 JAN
STATION STATION NAME YEARS MONTH

 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4 / 45					.1	.1												2	2		
44/ 43					.2	.2												4	4		
42/ 41					.1	.6												6	6		
40/ 39					.5	.2												6	6		
3 / 37				.2	.2													4	4	2	
36/ 35				.5														4	4	4	
34/ 33			.8	.3	.1													11	11	1	
2/ 31		.2	.1	.8														10	10	15	
/ 29			.7	.6														11	11	14	1
/ 27			.2	.6														7	7	7	1
/ 25			1.4															12	12	12	4
24/ 23			.2															2	2	11	4
2/ 21	.7	.2	.9															16	16	17	5
20/ 19		.5	.8															11	11	9	19
1 / 17	.1	.8	1.0															17	17	10	10
16/ 15	.3	1.0	.7															18	18	20	11
14/ 13	.1	1.5																14	14	22	16
12/ 11	.6	2.3	.2															27	27	20	21
10/ 9	.5	1.6	.2															20	20	25	21
/ 7	.7	2.1	.3															27	27	20	21
/ 5	.3	2.3																23	23	25	15
0/ 3	1.0	3.5																39	39	39	27
/ 1	.8	4.0																42	42	44	21
/ -1	2.1	1.2																28	28	37	18
-2/ -3	2.9	1.4																37	37	41	23
-4/ -5	3.1	.6																32	32	31	33
-6/ -7	3.3	1.0																38	38	36	22
-8/ -9	3.7																	32	32	38	27
-10/-11	5.1																	44	44	44	41
-12/-13	2.5																	22	22	22	17
-14/-15	3.0																	26	26	26	32
-16/-17	2.4																	21	21	21	20
-18/-19	2.0																	17	17	17	45
- 0/-21	.9																	8	8	8	46

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2[illegible]/-23	2.1																	18	18	18	36
-24/-25	1.5																	13	13	13	31
-2[illegible]/-27	2.4																	21	21	21	18
-2[illegible]/-29	2.0																	17	17	17	25
-[illegible]0/-31	2.1																	18	18	18	12
-[illegible]2/-33	1.4																	12	12	12	13
-3[illegible]/-35	2.4																	21	32	21	12
-3[illegible]/-37	2.1																	18	35	18	17
-3[illegible]/-39	1.3																	11	20	11	17
-[illegible]/-41	1.0																	9	15	9	27
-[illegible]27/-43	1.8																	16	25	16	30
-[illegible]4/-45	2.1																	18	24	18	20
-4[illegible]/-47	1.6																	14	14	14	10
-4 /-49	.8																	7	7	7	18
-[illegible]/-51																			2		23
- 2/-53																			3		14
- 4/-55																			1		7
-5 /-57	.5																	4	4	4	
-5[illegible]/-59	1.3																	11	11	11	
-[illegible]2/-63																					4
-[illegible]4/-65																					11
TOTAL	62.6	29.2	7.7	3.0	1.3	1.2													930		866
																		866		866	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3439435	53395	61.7	13.048	866							
Dry Bulb	573137	-8529	-9.2	23.081	930	59.7	89.3					93
Wet Bulb	435764	-6792	-7.8	21.028	866	59.0	92.2					93
Dew Point	627777	-14807	-17.1	20.810	866	71.8	93.0					93

USAFETAC FORM AWS 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JAN — MONTH

PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4 / 45					.2													2	2		
44/ 43					.4													3	3		
42/ 41					.2	.2												4	4		
40/ 39					.1	.5												5	5		
38/ 37				.2	.5	.1												7	7	3	
36/ 35				.6														5	5	2	
34/ 33			.4	.4														6	5	4	
32/ 31			.2	.6														7	7	4	
30/ 29		.1	.6	.1														7	7	17	
28/ 27		.1	.6															6	6	8	3
26/ 25		.1	.4	.1														5	5	9	4
24/ 23		.1	.8	.1														9	9	8	1
22/ 21	.1	.4	1.1															13	13	7	6
20/ 19	.4	.8	1.3															21	21	15	14
18/ 17	.2	1.1	1.3															22	22	20	10
16/ 15	.4	1.6	.6															22	22	21	16
14/ 13	.2	1.1	.1															12	12	26	17
12/ 11	.5	1.4	.2															19	18	19	12
10/ 9	.5	1.4	.4															19	19	13	15
8/ 7	1.2	3.0																36	36	33	27
6/ 5	.2	2.6																24	24	34	16
4/ 3	.4	2.7																26	26	18	27
2/ 1	1.4	3.6																43	43	47	24
0/ -1	2.5	1.3																32	32	35	27
-2/ -3	2.6	2.1																40	40	44	16
-4/ -5	3.0	1.3																37	37	36	26
-6/ -7	2.5	.9																29	29	30	34
-8/ -9	4.1																	35	35	42	29
-10/-11	5.4																	46	46	46	26
-12/-13	3.0																	26	26	26	15
-14/-15	2.3																	20	20	20	42
-16/-17	1.8																	15	15	15	33
-18/-19	2.1																	18	18	18	39
-20/-21	2.1																	18	18	18	41

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-[illegible]/-23	2.9																	25	25	25	34
-2[illegible]/-25	1.6																	14	14	14	28
-[illegible]/-27	2.0																	17	17	17	25
-[illegible]/-29	2.1																	18	18	18	21
-[illegible]/-31	2.1																	18	18	18	14
-[illegible]/-33	1.6																	14	14	14	19
-34/-35	.8																	7	10	7	17
-3[illegible]/-37	1.4																	12	37	12	26
-3[illegible]/-39	2.1																	18	36	16	12
-[illegible]/-41	1.2																	10	19	10	16
-[illegible]/-43	1.1																	9	14	9	20
-[illegible]/-45	2.5																	21	24	21	26
-[illegible]/-47	1.5																	13	16	13	14
-4[illegible]/-49	1.2																	10	10	10	10
-[illegible]/-51																			1		24
-[illegible]/-53	.1																	1	6	1	13
-[illegible]/-55	.4																	3	3	3	10
-[illegible]/-59	.9																	8	9	8	1
-[illegible]/-61	.1																	1	1	1	3
-[illegible]/-65																					8
-[illegible]/-67																					1
TOTAL	62.2	25.7	7.8	2.1	1.4	.8													930		857
																		857		857	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3404993	52877	61.7	12.901	857							
Dry Bulb	562419	-8867	-9.5	22.680	930	60.8	89.8					93
Wet Bulb	412635	-6703	-7.8	20.513	857	59.6	92.0					93
Dew Point	607115	-14629	-17.1	20.433	857	72.2	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702650 (STATION) ZIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
4 / 47						.1													1	1		
4 / 45					.2														2	2		
44/ 43						.2													2	2		
42/ 41					.2	.3													5	5		
40/ 39					.9	.3													11	11		
38/ 37				.2	.5														6	6	3	
36/ 35				.1	.3														4	4	1	
34/ 33			.3	.1															4	4	5	
32/ 31		.1	.1	.2															4	4	12	
30/ 29		.2	.1																3	3	17	
28/ 27			.9	.1															9	9	2	5
26/ 25		.3	.5																7	7	5	1
24/ 23		.2	.2																4	4	11	
22/ 21		.7	.6																11	11	6	4
20/ 19	.5	.9	2.1																30	30	14	15
18/ 17		.2	1.0																11	11	19	11
16/ 15	.5	2.1	.2																24	24	25	21
14/ 13	.1	2.3	.1																22	22	19	12
12/ 11	.5	.9	.7																18	18	25	17
10/ 9	.6	1.9	.1																23	23	18	18
8/ 7	.5	2.8																	28	28	29	27
6/ 5	.3	2.3																	23	23	28	19
4/ 3	.6	2.2																	24	24	26	17
2/ 1	1.1	3.8																	43	43	40	34
0/ -1	3.6	1.4																	43	43	45	21
-2/ -3	1.9	2.3																	32	32	31	14
-4/ -5	2.9	2.2																	40	40	38	42
-6/ -7	3.9	.7																	36	36	46	22
-8/ -9	4.7																		41	41	46	35
-10/-11	4.0																		35	35	35	29
-12/-13	2.3																		20	20	20	17
-14/-15	3.3																		26	26	26	30
-16/-17	2.2																		19	19	19	21
-18/-19	2.6																		23	23	23	47

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]2550 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JAN — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-[illegible]0/-21	2.6																	23	23	23	40
-[illegible]2/-23	1.9																	17	17	17	43
-24/-25	1.4																	12	12	12	34
-[illegible]6/-27	2.5																	22	22	22	24
-[illegible]8/-29	1.6																	14	14	14	21
-[illegible]0/-31	2.9																	25	25	25	14
-[illegible]2/-33	1.5																	13	13	13	18
-34/-35	1.1																	10	14	10	23
-[illegible]6/-37	2.1																	18	39	16	21
-[illegible]8/-39	1.7																	15	25	15	15
-[illegible]0/-41	1.3																	11	16	11	16
-[illegible]2/-43	1.1																	10	17	10	24
-44/-45	1.1																	10	13	10	18
-46/-47	2.1																	18	21	18	16
-[illegible]8/-49	.7																	6	6	6	17
-[illegible]0/-51	.2																	2	3	2	16
-[illegible]2/-53																			3		18
-[illegible]4/-55	.1																	1	2	1	6
-56/-57	.2																	2	2	2	2
-58/-59	.7																	6	6	6	
-[illegible]0/-61	.3																	3	3	3	1
-[illegible]2/-63																					2
-[illegible]4/-65																					6
-[illegible]6/-67																					3
TOTAL	61.5	27.5	7.0	.8	2.2	1.0												872	929	872	872

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.	3467808	53824	61.7	12.926	872	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	537751	-8351	-9.6	22.329	929	61.1	89.5					93
Wet Bulb	413268	-6842	-7.8	20.318	872	60.5	92.0					93
Dew Point	612659	-14891	-17.1	20.284	872	72.1	93.0					93

USAFETAC FORM 0-26-5 (OL A) 84 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | JAN MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
4 / 47						.3													3	3		
4/ 43						.1													1	1		
-2/ 41					.6	.4													9	9		
4C/ 39					.4	.6													9	9		
3 / 37				.4	.1	.1													6	6	3	
3C/ 35			.1	.6	.4														10	10		
3 / 33			.2	.3	.4														9	9	10	
2/ 31		.1	.3	.1															5	5	14	
30/ 29		.3	.7	.1															10	10	15	
2 / 27			1.2																11	11	13	2
2 / 25		.1	.3	.1															5	5	9	5
24/ 23		.3	.6	.1															9	9	10	1
2/ 21	.1	.6	.8																13	13	12	10
2 / 19	.3	.6	1.2																19	19	15	12
1 / 17		.9	.9																16	16	15	16
16/ 15	.3	1.5	.9																24	24	17	21
1 / 13	.1	2.5	.6																28	28	30	14
12/ 11	.4	1.6	.3																21	21	29	26
10/ 9	.3	1.3	.3																18	18	19	17
8/ 7	.4	2.6																	27	27	24	22
6/ 5		1.9	.2																19	19	25	20
4/ 3	.7	3.8																	40	40	40	23
2/ 1	.4	5.5																	53	53	37	24
1/ -1	4.4	.8																	46	46	67	19
-2/ -3	1.9	2.9																	43	43	36	27
-4/ -5	2.2	2.9																	46	46	43	40
-6/ -7	3.5	1.0																	40	40	51	41
-8/ -9	3.4																		30	30	36	37
-10/-11	3.3																		29	29	29	30
-12/-13	1.6																		14	14	14	21
-14/-15	2.7																		24	24	24	39
-16/-17	2.0																		18	18	18	36
-18/-19	3.0																		27	28	27	44
-20/-21	2.1																		19	19	19	37

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | JAN MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-22/-23	1.7																	15	15	15	28
-24/-25	2.5																	22	22	22	18
-26/-27	2.4																	21	21	21	28
-28/-29	1.8																	16	16	16	21
-30/-31	1.1																	10	10	10	17
-32/-33	2.1																	19	19	19	24
-34/-35	1.6																	14	18	14	22
-36/-37	1.3																	12	27	12	14
-38/-39	1.3																	12	17	12	9
-40/-41	1.2																	11	17	11	20
-42/-43	1.1																	10	14	10	28
-44/-45	.9																	8	11	8	18
-46/-47	.3																	3	5	3	17
-48/-49	.3																	3	3	3	14
-50/-51																			1		9
-52/-53	.1																	1	1	1	3
-54/-55	.2																	2	2	2	3
-56/-57	.7																	6	6	6	
-58/-59	.3																	3	3	3	1
-60/-61																					2
-62/-63																					6
-64/-65																					3
TOTAL	54.6	31.3	8.8	1.8	2.0	1.6												889	930	889	889

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	3506763	54653	61.5	12.860	889							
Dry Bulb	469241	-5345	-5.7	21.726	930	56.5	88.3					93
Wet Bulb	367806	-4706	-5.3	19.651	889	57.7	91.6					93
Dew Point	530530	-12980	-14.6	19.597	889	70.7	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — JAN MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4 / 45					.2	.1												3	3		
44/ 43					.1	.6	.1											7	7		
42/ 41					.6	.6												10	10		
40/ 39				.3	.1	.4												8	8		
38/ 37				.3	.3	.2												8	8	2	
36/ 35			.1	.2	.1													4	4	2	
34/ 33				.4	.3													7	7	15	
32/ 31			.2	.9														10	10	13	
30/ 29			.9	.1														9	9	8	
28/ 27			.7	.2														8	8	13	1
26/ 25		.2	1.0															11	11	13	3
24/ 23	.1	.3	.2															6	6	12	2
22/ 21	.2	.4	.8	.1														14	14	15	10
20/ 19		.8	.3	.2														12	12	14	10
18/ 17		.6	.4															9	9	8	20
16/ 15		1.7	.4															19	19	10	19
14/ 13	.1	1.9	.7															24	24	23	14
12/ 11	.7	2.1	.2															27	27	26	20
10/ 9	.7	1.7	.2															23	23	30	22
8/ 7	.3	1.9	.1															21	21	22	22
6/ 5	.6	1.7	.2															22	22	26	18
4/ 3	1.7	4																54	54	43	28
2/ 1	.9	3.8																42	42	49	22
0/ -1	3.6	1.5																45	45	47	23
-2/ -3	2.4	2.7																45	45	46	23
-4/ -5	2.8	2.1																44	44	42	46
-6/ -7	3.2	.6																34	34	42	31
-8/ -9	4.9																	44	44	44	27
-10/-11	2.4																	21	21	21	34
-12/-13	1.9																	17	17	17	35
-14/-15	2.4																	21	21	21	39
-16/-17	2.4																	21	21	21	29
-18/-19	3.0																	27	28	27	44
-20/-21	1.2																	11	12	11	32

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

/ 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
- 2/-23	3.0																	27	27	27	25
-2 /-25	2.6																	23	23	23	30
- /-27	2.1																	19	19	19	26
- /-29	1.9																	17	17	17	21
- /-31	1.2																	11	11	11	14
- 2/-33	1.8																	16	16	16	21
-34/-35	2.0																	18	20	18	23
-3 /-37	1.0																	9	17	9	28
- /-39	1.6																	14	19	14	11
- /-41	1.5																	13	22	13	11
- 2/-43	1.6																	14	19	14	27
- 4/-45	.4																	4	7	4	19
-46/-47	.3																	3	6	3	16
- /-49	.4																	4	4	4	19
- /-51	.1																	1	1	1	8
- 2/-53																					3
- 4/-55	.4																	4	4	4	4
-5 /-57	.9																	8	8	6	1
- /-61																					4
- 2/-63																					8
TOTAL	58.3	28.3	6.6	2.9	1.2	1.9	.1											893	930	893	893

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3551310	55848	61.6	13.306	893							
Dry Bulb	478155	-5613	-6.0	21.869	930	57.2	88.3					93
Wet Bulb	378735	-5109	-5.7	19.795	893	57.2	91.0					93
Dew Point	585274	-13406	-15.0	19.639	893	71.0	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 ,550 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JAN — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
4 / 45							.2												2	2		
4/ 43					.1	.6	.5												10	10		
2/ 41					.7	.2													8	8		
40/ 39				.2	.2	.2													6	6		
3 / 37				.5	.2														7	7		
2 / 35				.3	.6														6	8	2	
3 / 33				.9															8	8	15	
2/ 31			.3	.9															11	11	15	
/ 29		.3	.3	.1															7	7	6	
2 / 27			.2	.3															6	6	18	
/ 25		.2	.8																9	9	10	
2/ 23		.2	.5																6	6	8	2
2/ 21		.3	.5																7	7	14	13
/ 19	.5	1.1	.5	.1															19	19	13	8
/ 17		.7	.8																13	13	12	18
1 / 15		.7	.3																9	9	9	22
14/ 13	.5	1.1	.1																15	15	19	14
1 / 11	.5	1.4	.6																24	24	18	22
/ 9	.6	1.8	.1																22	22	23	23
/ 7	.3	2.6																	26	26	25	16
/ 5	.3	2.7																	27	27	33	15
/ 3	.8	3.6																	39	39	30	18
/ 1	1.1	4.7																	52	52	49	27
/ -1	2.9	1.1																	36	36	48	22
- / -3	2.3	2.1																	39	39	40	24
-/ -5	1.9	2.5																	39	39	32	25
-/ -7	3.6	.8																	39	39	49	44
- / -9	4.2																		37	37	43	22
/ -11	3.5																		31	31	31	28
-1 / -13	2.2																		18	18	16	29
-1 / -15	3.4																		30	30	30	32
-1 / -17	1.5																		13	13	13	29
-1 / -19	3.3																		29	29	29	49
- / -21	1.6																		14	14	14	57

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]650 | EIELSON AFB AK | 73-82 | JAN
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-2[illegible]/-23	2.5																	22	22	22	27
-2[illegible]/-25	2.6																	23	23	23	17
-2[illegible]/-27	2.5																	22	22	22	19
-2[illegible]/-29	2.3																	20	20	20	23
-[illegible]/-31	1.8																	17	17	17	18
-[illegible]/-33	1.6																	14	14	14	15
-3[illegible]/-35	1.2																	11	11	11	28
-3[illegible]/-37	1.7																	15	22	15	31
-3[illegible]/-39	1.4																	12	18	12	21
-[illegible]/-41	1.6																	14	25	14	19
-[illegible]2/-43	1.4																	12	19	12	19
-4/-45	1.8																	16	19	16	14
-4[illegible]/-47	.7																	6	7	6	16
-[illegible]/-49	.2																	2	5	2	17
-[illegible]/-51	.2																	2	4	2	21
-2/-53	.2																	2	2	2	6
-[illegible]/-55																					2
-5[illegible]/-57	1.4																	12	12	12	2
-5[illegible]/-59																					2
-[illegible]/-63																					12
TOTAL	59.9	28.0	5.1	3.5	1.8	1.0	.7												928		888
																		888		888	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3487238	54444	61.3	12.971	888							
Dry Bulb	521408	-7042	-7.6	22.468	928	58.8	88.1					93
Wet Bulb	410897	-6285	-7.1	20.325	888	59.6	91.2					93
Dew Point	595118	-14586	-16.4	20.021	988	72.3	93.0					93

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JAN — MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4 / 45							.1											1	1		
14/ 43					.2	.7	.2											10	10		
2 / 41					.3	.2												5	5		
40/ 39					.1	.2												3	3		
3 / 37				.7	.8													13	13	1	
3 / 35				.7	.2													8	8	4	
34/ 33			.1	.2														3	3	9	
2 / 31			.2	.8														9	9	11	
3 / 29			.6	.3														8	8	17	
/ 27			.1	.3														4	4	4	
/ 25		.1	.7	.1														8	8	12	2
24/ 23		.8	.6															12	12	6	2
2 / 21		.5	.7															10	10	21	8
/ 19	.1	.6	.5															10	10	7	14
1 / 17	.2	.3	.7															11	11	13	10
1 / 15	.1	1.1	.8															18	18	13	20
1 / 13	.2	.8																9	9	14	16
1 / 11	.2	2.3	.2															24	24	18	28
1 / 9	.2	2.5	.6															29	29	24	10
/ 7	.5	2.0																22	22	27	17
/ 5	.6	1.8	.1															22	22	32	17
/ 3	1.2	2.7																33	33	28	16
/ 1	1.2	4.9																52	52	41	21
/ -1	3.2	1.2																39	39	51	29
- / -3	1.6	2.5																36	36	36	28
-4/ -5	3.1	1.8																43	43	41	23
-/ -7	4.7	.6																47	47	56	34
-/ -9	4.2																	37	37	40	28
-1 / -11	3.2																	28	28	28	31
-1 / -13	3.3																	29	29	29	20
-19/ -15	2.7																	24	24	24	34
-16/ -17	1.6																	14	14	14	42
-1 / -19	1.9																	17	17	17	54
- / -21	1.4																	12	12	12	35

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JAN — MONTH
PAGE 2
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-21/-23	1.9																	17	17	17	32
-24/-25	2.6																	23	23	23	33
-26/-27	1.8																	16	16	16	18
-28/-29	3.2																	28	28	28	19
-30/-31	2.9																	26	26	26	9
-32/-33	1.9																	17	17	17	13
-34/-35	1.4																	12	13	12	23
-36/-37	1.4																	12	22	12	18
-38/-39	.9																	8	13	8	27
-40/-41	1.8																	16	24	16	34
-42/-43	1.5																	13	18	13	22
-44/-45	1.7																	15	20	15	12
-46/-47	1.9																	17	20	17	21
-48/-49	.1																	1	2	1	16
-50/-51																			5		17
-52/-53	.2																	2	4	2	17
-54/-55																					1
-56/-57	.6																	5	5	5	
-58/-59	.8																	7	7	7	2
-62/-63																					5
-64/-65																					7
TOTAL	61.5	26.4	5.8	3.2	1.7	1.1	.3												930		885
																		885		885	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	> 80 F	≥ 93 F	Total
Rel. Hum.	3467512	54256	61.3	12.642	885							
Dry Bulb	543127	-7975	-8.6	22.606	930	60.6	88.7					93
Wet Bulb	424533	-6923	-7.8	20.469	885	61.3	91.5					93
Dew Point	620545	-15193	-17.2	20.172	885	74.0	93.0					93

USAFETAC FORM 0-26-5 (OL A) AS 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JAN — MONTH

PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8 / 47						.1												4	4		
4 / 45					.1	.0	.0											13	13		
44 / 43					.2	.4	.1											47	47		
42 / 41					.4	.3												50	50		
40 / 39				.1	.3	.4												53	53		
38 / 37				.4	.4	.1												57	57	17	
36 / 35			.0	.4	.2													49	49	18	
34 / 33			.2	.5	.1													58	58	65	
32 / 31		.1	.3	.7														71	71	93	
30 / 29		.1	.6	.2														64	64	109	2
28 / 27		.0	.6	.2														58	58	78	12
26 / 25		.1	.8	.1														68	68	86	22
24 / 23	.0	.3	.5	.0														59	59	77	13
22 / 21	.1	.4	.7	.0														91	91	107	63
20 / 19	.2	.7	.9	.0														126	126	94	110
18 / 17	.1	.6	.8															109	109	103	110
16 / 15	.3	1.4	.6															155	155	132	146
14 / 13	.2	1.6	.2															139	139	168	128
12 / 11	.5	1.7	.3															172	172	179	167
10 / 9	.5	1.9	.3															190	190	170	137
8 / 7	.5	2.4	.1															211	211	205	171
6 / 5	.4	2.2	.1															184	184	233	129
4 / 3	1.0	3.1																287	287	260	172
2 / 1	1.2	4.4																383	383	353	193
0 / -1	3.2	1.2																308	308	381	165
-2 / -3	2.1	2.2																305	305	308	177
-4 / -5	2.6	1.8																308	308	291	276
-6 / -7	3.7	.8																315	315	365	259
-8 / -9	4.1																	290	290	332	232
-10 / -11	3.7																	260	260	260	247
-12 / -13	2.5																	176	176	176	167
-14 / -15	2.7																	189	189	189	282
-16 / -17	2.0																	139	139	139	253
-18 / -19	2.8																	172	174	172	374

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AA 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JAN — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-21	1.7																	121	122	121	315
-22/-23	2.2																	152	152	152	254
-24/-25	2.2																	153	153	153	215
-26/-27	2.2																	154	154	154	180
-28/-29	2.1																	150	150	150	179
-30/-31	2.0																	142	142	142	113
-32/-33	1.8																	129	131	129	131
-34/-35	1.5																	107	139	107	160
-36/-37	1.6																	111	226	111	176
-38/-39	1.5																	104	164	104	131
-40/-41	1.4																	99	164	99	178
-42/-43	1.4																	98	145	98	199
-44/-45	1.5																	108	137	108	143
-46/-47	1.3																	88	108	88	127
-48/-49	.5																	38	43	38	129
-50/-51	.1																	5	20	5	137
-52/-53	.1																	7	22	7	88
-54/-55	.2																	12	14	12	38
-56/-57	.5																	38	38	38	5
-58/-59	.7																	46	47	46	7
-60/-61	.1																	4	4	4	12
-62/-63																					38
-64/-65																					46
-66/-67																					4
TOTAL	60.4	27.0	7.0	2.5	1.7	1.2	.2										7026	7437	7026	7026

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	27839628	432754	61.6	12.987	7026							
Dry Bulb	4251969	-59933	-8.1	22.513	7437	474.1	710.9					744
Wet Bulb	3283752	-50226	-7.1	20.404	7026	479.3	733.4					744
Dew Point	4769655	-115399	-16.4	20.227	7026	577.2	744.0					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | FEB MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible]4/ 43						.1													1	1		
[illegible]2/ 41					.3														2	2		
[illegible]/ 39					1.4														11	11		
[illegible]/ 37				.3	.4														5	5		
[illegible]/ 35			.4	.5	.6														12	12		
[illegible]/ 33		.3	.4	.6	.3														12	12	4	
[illegible]/ 31		.8	.4	.4	.3														14	14	21	
[illegible]/ 29	.1	.6	.8	.3															14	14	20	1
[illegible]/ 27		.5	.5	.3															10	10	12	8
[illegible]/ 25		.1	.5																5	5	20	6
[illegible]/ 23		.3	1.0																10	10	5	7
[illegible]/ 21	.1	.5	.5																9	9	11	5
[illegible]/ 19	.5	2.5	1.1																33	33	17	16
[illegible]/ 17		1.6	.1																14	14	26	24
[illegible]/ 15	.1	1.0	.3																11	11	17	14
[illegible]/ 13	.6	.8																	11	11	13	18
[illegible]/ 11	.1	.9	.3																10	10	9	16
[illegible]/ 9	.1	2.0	.1																18	18	11	22
[illegible]/ 7	.1	1.5	.5																17	17	17	18
[illegible]/ 5	.1	2.4																	20	20	22	11
[illegible]/ 3	.1	2.7																	22	22	25	12
[illegible]/ 1	.1	5.3																	43	43	28	13
[illegible]/ -1	1.8	1.9																	29	30	40	15
[illegible]/ -3	.4	3.2																	28	28	32	11
-[illegible]/ -5	1.4	1.8																	25	25	26	15
-[illegible]/ -7	2.3	.5																	22	22	30	17
-[illegible]/ -9	2.0																		16	16	18	25
-[illegible]/-11	2.7																		21	21	21	18
-[illegible]/-13	1.5																		12	12	12	34
-[illegible]/-15	4.6																		36	36	36	27
-[illegible]/-17	3.7																		29	29	29	20
-[illegible]/-19	5.1																		40	40	40	30
-[illegible]/-21	2.9																		23	23	23	21
-[illegible]/-23	4.2																		33	33	33	42

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
FEB — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible]/-25	3.9																		31	31	31	24
[illegible]/-27	3.8																		30	30	30	32
[illegible]/-29	3.4																		27	27	27	21
[illegible]/-31	1.8																		14	14	14	30
[illegible]/-33	2.3																		18	19	18	27
[illegible]/-35	2.5																		20	24	20	33
[illegible]/-37	.6																		5	15	5	35
[illegible]/-39	1.0																		8	25	8	22
[illegible]/-41	.8																		6	23	6	25
[illegible]/-43	.5																		4	9	4	25
[illegible]/-45	.6																		5	5	5	25
[illegible]/-47	.6																		5	5	5	9
[illegible]/-49																						6
[illegible]/-51																						6
[illegible]/-53																						5
TOTAL	56.5	31.1	6.8	2.3	3.2	.1														846		791
																			791		791	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2909076	46848	59.2	13.045	791							
Dry Bulb	449279	-6147	-7.3	21.882	846	53.8	79.7					84
Wet Bulb	334805	-4845	-6.1	19.653	791	54.5	83.6					84
Dew Point	532313	-12741	-16.1	20.348	791	63.7	84.0					84

USAFETAC FORM AWS 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4[illegible]/ 45						.1												1	1		
[illegible]4/ 43						.3												2	2		
40/ 39					1.0	.1												9	9		
3[illegible]/ 37				.3	.8													8	8		
[illegible]/ 35			.3	.5	.5													10	10	2	
34/ 33			.4	.4	.1													7	7	2	
[illegible]/ 31		.5	.8	.5	.1													15	15	13	
[illegible]/ 29		.9	.6															12	12	19	
[illegible]/ 27		.6	1.2															14	14	20	1
[illegible]/ 25		.5	.8															10	10	16	11
24/ 23		.5																4	4	13	6
[illegible]2/ 21		.5	1.2															13	13	9	11
[illegible]/ 19		1.6	1.3															22	22	12	16
1[illegible]/ 17		2.1	.5															20	20	23	20
1[illegible]/ 15		.9	.5															11	11	15	12
14/ 13	.6	1.0																13	13	19	18
1[illegible]/ 11		1.2	.4															12	13	8	19
1[illegible]/ 9		1.0	.1															9	9	11	15
[illegible]/ 7		1.9	.6															20	21	19	19
[illegible]/ 5		1.9																15	15	18	7
[illegible]/ 3		3.6																28	29	23	14
[illegible]/ 1	.1	3.9																31	31	29	17
[illegible]/ -1	.6	1.6																17	17	21	13
[illegible]/ -3	1.0	3.1																32	32	29	9
-[illegible]/ -5	1.3	2.3																28	28	32	12
-[illegible]/ -7	3.0	1.2																32	32	41	18
[illegible]/ -9	3.2																	25	25	26	16
-1[illegible]/-11	2.9																	22	22	22	22
-1[illegible]/-13	1.8																	14	14	14	16
-1[illegible]/-15	4.2																	32	32	32	27
-1[illegible]/-17	3.2																	25	25	25	33
-1[illegible]/-19	4.5																	35	35	35	30
-[illegible]/-21	3.6																	28	28	28	36
-2[illegible]/-23	2.7																	21	21	21	31

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84-44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | FEB MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2[illegible]/-25	4.0																	31	31	31	28
-2[illegible]/-27	3.6																	28	28	28	26
-2[illegible]/-29	4.5																	35	35	35	25
-[illegible]/-31	2.5																	19	19	19	18
-[illegible]/-33	2.2																	17	17	17	28
-34/-35	.9																	7	18	7	30
-3[illegible]/-37	.9																	7	18	7	40
-[illegible]/-39	.6																	5	23	5	19
-[illegible]/-41	.6																	5	24	5	23
-42/-43	.9																	7	20	7	22
-44/-45	.3																	2	2	2	21
-46/-47	1.2																	9	9	9	9
-4[illegible]/-49	.3																	2	2	2	9
-[illegible]/-51																					3
-[illegible]/-53																					9
-[illegible]/-55																					2
TOTAL	55.5	31.0	8.7	1.7	2.6	.5												771	846	771	771

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2807959	45451	59.0	12.923	771							
Dry Bulb	469666	-6902	-8.2	22.117	846	55.3	80.3					84
Wet Bulb	328507	-4897	-6.4	19.653	771	54.5	83.6					84
Dew Point	529627	-12665	-16.4	20.277	771	63.7	84.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4 / 47						.3												2	2		
4 / 45						.1												1	1		
4 / 43						.3												2	2		
4 / 41					.4													3	3		
4 / 39				.3	.7													7	7		
3 / 37				.4	.4													6	6	3	
3 / 35				.7	.8													11	11		
3 / 33				.3	.4													5	5	9	
2 / 31			.5	.5														8	8	8	
3 / 29		1.6	.8	.1	.1													20	20	8	
2 / 27		.8	.7															11	11	27	
2 / 25		.3	1.0															10	10	14	12
2 / 23		.5	.8	.1														11	11	12	5
2 / 21	.3	.5	.7															11	11	17	12
2 / 19	.3	1.6	1.0															22	22	15	19
1 / 17	.1	.7	.7															11	11	16	18
1 / 15	.1	.8	.7															12	12	13	13
1 / 13	.5	1.3																14	14	14	9
1 / 11	.3	1.7	.5															19	19	15	21
1 / 9	.1	.9	.5															12	13	15	17
/ 7		1.3	.3															12	12	13	18
/ 5		1.2	.1															10	10	12	12
/ 3	.1	3.1																25	25	24	19
/ 1	.1	3.0																24	26	18	10
/ -1	2.5	1.2																28	29	35	7
/ -3	.8	2.2																23	23	22	11
/ -5	1.4	2.5																30	30	26	11
/ -7	2.6	1.6																32	32	40	18
/ -9	2.5																	19	19	25	24
/ -11	2.5																	19	19	19	15
/ -13	3.5																	27	27	27	15
/ -15	3.8																	29	29	29	22
/ -17	3.1																	24	24	24	29
/ -19	3.9																	30	30	30	38

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | FEB MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]/-21	4.6																	35	35	35	31
2[illegible]/-23	2.5																	19	19	19	35
-24/-25	3.4																	26	26	26	29
-2[illegible]/-27	4.2																	32	32	32	30
-2[illegible]/-29	4.0																	31	31	31	30
[illegible]/-31	2.7																	21	21	21	19
-32/-33	3.3																	25	27	25	18
-3[illegible]/-35	.7																	5	15	5	35
-3[illegible]/-37	.9																	7	19	7	36
-3[illegible]/-39	1.0																	8	22	8	19
-[illegible]/-41	.5																	4	16	4	27
-42/-43	.9																	7	29	7	22
-4[illegible]/-45	.9																	7	10	7	26
-4[illegible]/-47	.8																	6	6	6	9
-4[illegible]/-49	.4																	3	3	3	9
-[illegible]/-51																					7
-52/-53																					6
-5[illegible]/-55																					3
TOTAL	59.4	26.6	8.2	2.3	2.7	.7												766	845	766	766

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2802521	45233	59.1	13.109	766							
Dry Bulb	490657	-7431	-8.8	22.448	845	57.0	80.3					84
Wet Bulb	340851	-5247	-6.8	19.964	766	56.3	82.7					84
Dew Point	539846	-12944	-16.9	20.488	766	63.7	84.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK 73-82 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 49							.1											1	1		
5 / 47				.1		.1												2	2		
4 / 43					.1	.4												4	4		
4 / 41					.4													3	3	1	
4 / 39				.4	.8													9	9		
3 / 37				.6	1.1	.1												15	15	2	
3 / 35					.4	.3												5	5	2	1
3 / 33			.3	.1	.3													5	5	10	
2 / 31		.4	.1	.4														7	7	10	
1 / 29	.3	.9	1.1	.3	.1													21	21	17	
1 / 27	.1	.8	.5	.3														13	13	19	5
0 / 25		1.3	1.7															23	23	19	9
0 / 23		.5	1.0															12	12	23	3
-1 / 21		.4	.9															10	10	13	14
-1 / 19		1.7	1.0															21	21	14	23
-2 / 17	.1	.9	.3	.1														11	11	18	14
-3 / 15	.3	1.3	.6															17	17	14	17
-4 / 13		1.7	.1															14	14	15	24
-5 / 11		1.8	.4															17	18	15	17
-6 / 9		1.9	.1															16	16	18	20
-7 / 7	.1	1.3	.6															16	16	20	17
-8 / 5	.1	2.3																19	19	16	12
-9 / 3	.1	3.7																30	30	26	20
-10 / 1	.1	4.4																36	37	33	11
-11 / -1	1.4	1.1																20	20	33	11
-12 / -3	1.0	3.2																33	33	31	12
-13 / -5	.5	1.5																16	16	22	16
-14 / -7	2.8	.8																28	28	32	17
-15 / -9	3.8																	30	30	31	19
-16 / -11	3.0																	24	24	24	23
-17 / -13	2.9																	23	23	23	18
-18 / -15	3.7																	29	29	29	34
-19 / -17	3.7																	29	29	29	39
-20 / -19	4.6																	36	36	36	49

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | FEB MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-21	5.1																	40	40	40	26
2/-23	3.0																	24	24	24	25
2 /-25	3.2																	25	25	25	32
2 /-27	2.5																	20	20	20	26
2 /-29	2.0																	16	17	16	34
/-31	2.2																	17	17	17	20
2/-33	1.9																	15	18	15	25
3 /-35	1.5																	12	20	12	30
/-37	.8																	6	22	6	26
/-39	.5																	4	17	4	13
/-41	.9																	7	17	7	30
2/-43	.3																	2	8	2	20
4/-45	.4																	3	3	3	15
4 /-47	.1																	1	1	1	9
4 /-49																					3
/-51																					5
2/-53																					1
TOTAL	53.1	31.6	9.8	2.3	3.2	.9	.1												946		787
																		787		787	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2822272	46012	58.5	12.968	787							
Dry Bulb	423857	-4369	-5.2	21.792	846	51.3	79.6					84
Wet Bulb	301960	-3164	-4.0	19.183	787	51.4	82.4					84
Dew Point	469706	-11224	-14.3	19.848	787	61.9	83.9					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | FEB MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 48							.1											1	1		
[illegible] / 47							.2											2	2		
4 / 43				.1	.2	.7												9	9		
[illegible] / 41				.4	1.2	.1												12	12		
4 / 39				.2	.5	.2												8	8		
5 / 37			.2	.2	.7	.2												12	12	5	
[illegible] / 35		.1	.5	.8	.1	.1												14	14	5	
3 / 33		.1	.2	.7														9	9	18	
[illegible] / 31		1.0	1.1	.7	.1													24	24	15	
[illegible] / 29	.4	.7	.2	.2														13	13	31	9
7 / 27		.1	1.1	.5														14	14	22	10
[illegible] / 25		1.2	1.4															22	22	6	6
2[illegible] / 23		.2	1.2															12	12	28	8
2[illegible] / 21		1.2	1.0	.1														19	19	23	16
[illegible] / 19		1.7	1.6	.2														29	29	15	32
1 / 17	.1	1.2	.7	.1														18	18	26	13
1 / 15		1.7	1.0															22	22	21	31
1[illegible] / 13	.2	1.7	.7															22	22	18	21
1 / 11	.2	1.2	1.7															26	26	26	23
[illegible] / 9		3.6	.6															35	35	18	18
[illegible] / 7		2.3	.1															20	20	47	18
[illegible] / 5		2.5																21	21	22	11
[illegible] / 3		3.0																25	25	24	24
[illegible] / 1		4.7																39	39	34	12
[illegible] / -1	2.6	1.4																34	35	44	21
[illegible] / -3	.5	2.5																25	25	29	20
[illegible] / -5	1.9	1.7																30	30	26	30
[illegible] / -7	2.6	.7																28	28	35	32
[illegible] / -9	4.0																	33	33	38	41
[illegible] / -11	3.6																	32	32	32	24
-1 / -13	4.1																	34	34	34	31
-1[illegible] / -15	1.9																	16	16	16	39
-1[illegible] / -17	3.1																	26	26	26	32
-1 / -19	4.3																	36	37	36	36

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] EIELSON AFB AK 73-82 FEB
STATION STATION NAME YEARS MONTH

PAGE 7 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]/-21	3.1																	26	26	26	28
[illegible]/-23	1.[illegible]																	16	17	16	25
[illegible]/-25	2.0																	17	19	17	27
[illegible]/-27	1.5																	15	15	15	28
[illegible]/-29	1.9																	16	16	16	35
[illegible]/-31	1.7																	14	15	14	19
[illegible]/-33	.7																	6	8	6	29
[illegible]/-35	.1																	1	3	1	25
[illegible]/-37	.1																	1	1	1	15
[illegible]/-39																			1		15
[illegible]/-41																			1		7
[illegible]/-43																					10
[illegible]/-45																					6
[illegible]/-47																					4
[illegible]/-49																					1
[illegible]/-51																					2
TOTAL	43.3	34.5	13.3	4.4	2.6	1.4	.4											834	[illegible]46		834
																			834	834	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2871881	47643	57.1	13.429	834							
Dry Bulb	331987	1969	2.3	19.684	846	41.5	77.3					84
Wet Bulb	264405	1001	1.2	17.776	834	43.1	81.2					84
Dew Point	372562	-7924	-9.5	18.891	834	50.6	84.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 3650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | FEB MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
5 / 49							.1											1	1		
4 / 47							.1											1	1		
41 / 45						.2												2	2		
44 / 43					.1	.4												4	4		
42 / 41				.4	.2	.1												6	6		
40 / 39			.1	.4	1.4	.2												18	18		
3 / 37				.5	.3													11	12	2	
34 / 35			.2	.6	.5	.4												14	18	7	
3 / 33		.1	.4	.2	.6													11	12	13	
32 / 31		.5	.6	.6	.6													19	19	22	2
3 / 29	.1	.7	.6	.6														17	17	20	1
26 / 27		1.3	.7															14	18	18	6
/ 25		1.4	1.0	.4	.2													25	25	27	12
24 / 23		1.3	.8															15	15	26	3
2 / 21	.1	1.3	1.6															25	26	16	22
/ 19		1.9	1.2	.5														30	30	24	32
1 / 17		1.6	.9															20	20	28	13
1 / 15		1.6	1.2															23	23	30	28
1 / 13		2.0	.6															22	22	18	22
1 / 11		1.9	1.3															27	27	26	20
1 / 9		2.4	.6															25	25	25	20
/ 7		2.9	.1															25	25	27	26
/ 5		2.2																18	18	28	22
4 / 3		3.3																28	28	26	21
/ 1	.1	4.4																38	38	35	18
/ -1	1.9	1.6																29	29	38	18
-2 / -3	1.6	2.3																32	32	35	26
-6 / -5	2.3	2.2																37	37	36	21
-8 / -7	2.3	1.1																28	28	34	29
-9 / -9	3.0																	25	25	29	30
-11 / -11	3.9																	33	33	33	45
-13 / -13	2.3																	17	17	17	32
-14 / -15	3.7																	31	32	31	33
-16 / -17	2.3																	19	20	19	30

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_a	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
FEB — MONTH
PAGE 2
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1 /-19	3.7																	51	31	31	26
- /-21	3.5																	29	29	29	25
-2 /-23	2.0																	17	17	17	31
-24/-25	2.3																	19	19	19	21
-2 /-27	1.7																	14	14	14	34
-2 /-29	1.7																	14	15	14	23
- /-31	1.8																	15	15	15	18
-2 /-33	.8																	7	7	7	28
-3 /-35	.1																	1	3	1	30
-3 /-37																			1		19
- /-39																					7
- /-41																					10
-2 /-43																					14
- /-45																					6
-4 /-47																					4
-4 /-49																					3
- /-51																					1
TOTAL	40.9	37.2	11.8	4.1	4.5	1.3	.2											837	846		837
																		837		837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2755872	46746	55.8	13.176	837							
Dry Bulb	332216	2666	3.2	19.576	846	40.1	77.0					84
Wet Bulb	263911	1355	1.6	17.693	837	42.1	81.8					84
Dew Point	373866	-7954	-9.5	18.889	837	57.1	89.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 49							.1											1	1		
94/ 43						.1												1	1		
92/ 41					.4													3	3		
4 / 39					1.0	.1												9	9		
3 / 37			.2	.2														4	4	1	
3 / 35			.1	.4	.9													11	11		
39/ 33			.2	.9	.4													12	12	7	
2/ 31		.6	.5	.7	1.0													23	23	11	
/ 29	.1	.2	.5	.2														9	9	13	
29/ 27		.6	1.3	.1														17	17	19	8
/ 25		1.1	.9	.1														17	17	27	4
/ 23		.6	.4															8	8	27	3
22/ 21	.6	.9	1.1															21	22	14	7
/ 19	.4	1.5	.2	.1														18	18	18	23
1 / 17	.2	1.1	1.0															19	19	19	19
1 / 15	.2	1.6	.6															20	20	20	34
14/ 13	.2	2.2	.5															24	24	18	17
1?/ 11	.1	1.8	.6															21	21	25	18
1 / 9	.2	1.2	.7															18	18	19	23
/ 7		2.7	.1															23	23	20	26
/ 5	.1	2.9																25	25	27	12
/ 3	.1	3.9																29	29	29	17
/ 1	.2	4.9																42	42	46	18
/ -1	1.6	1.2																23	23	30	23
-1/ -3	1.6	1.3																24	24	27	13
-2/ -5	1.8	1.2																25	25	29	29
-1/ -7	1.6	.4																16	16	20	17
-1/ -9	4.3																	35	35	37	18
-1 /-11	3.5																	29	29	29	37
-1 /-13	2.7																	22	22	22	25
-1 /-15	3.8																	31	31	31	43
-1 /-17	3.9																	28	28	28	21
-1 /-19	4.1																	34	34	34	35
-1 /-21	3.9																	31	31	31	26

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72550 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
FEB — MONTH
PAGE 2
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/-23	2.3																	19	19	19	35
24/-25	2.7																	22	22	24	35
26/-27	2.7																	22	22	22	26
28/-29	2.8																	23	23	23	29
30/-31	2.3																	19	19	19	22
32/-33	1.7																	14	16	14	15
34/-35	1.3																	11	15	11	21
36/-37	1.2																	10	26	10	25
38/-39	.7																	6	7	6	31
40/-41	.1																	1	3	1	23
42/-43																					27
44/-45																					1
46/-47																					3
48/-49																					5
50/-51																					2
TOTAL	52.8	31.5	9.0	2.8	3.5	.2	.1											825	846	820	849

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	2991364	48248	58.8	13.646	820							
Dry Bulb	361648	-2220	-2.6	20.521	846	46.7	79.9					84
Wet Bulb	288870	-2304	-2.8	18.569	820	47.1	83.2					84
Dew Point	451988	-10666	-13.0	19.557	820	60.5	84.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) FEB (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/47/ 43					.1	.1												2	2		
/42/ 41					.4	.1												8	8		
40/ 39				.1	.7													7	7		
3 / 37			.1	.5	.5	.1												10	10		
36/ 35			.1	1.0	.1													10	10	1	
34/ 33			.1	.7	.1													8	8	7	
32/ 31		.6	.2	.6	.6													17	17	13	
30/ 29	.2	.1	.5		.1													8	8	20	
2 / 27		.4	1.1	.1														13	13	11	9
2 / 25		.7	.7	.1														13	13	19	2
24/ 23		.5	.7															10	10	18	2
22/ 21		1.0	1.1															17	17	17	11
20/ 19	.2	2.5	.4															25	25	16	12
18/ 17	.1	.7	.4															10	10	22	19
16/ 15	.2	1.5	.7															20	20	15	30
14/ 13		1.6	.1															19	19	16	24
12/ 11	.5	1.1	.5															17	17	16	21
10/ 9		2.1	.1															18	18	19	16
8/ 7	.1	1.7	.2															17	17	24	19
6/ 5	.2	2.2																20	20	18	8
4/ 3	.1	3.1																26	26	22	18
2/ 1	.2	5.4																45	46	36	18
0/ -1	2.5	1.7																34	34	48	10
-2/ -3	.9	1.9																18	18	21	11
-4/ -5	1.5	1.0																20	20	24	21
-6/ -7	1.2	.7																16	16	18	20
-8/ -9	2.0																	16	16	18	27
-10/-11	3.5																	28	28	28	29
-12/-13	3.7																	30	30	30	28
-14/-15	4.1																	33	33	33	18
-16/-17	4.0																	32	32	32	34
-18/-19	4.0																	32	32	32	28
-20/-21	4.6																	37	37	37	28
-22/-23	3.5																	28	28	28	33

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
FEB — MONTH
PAGE 2
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-2 /-25	2.7																	22	22	22	33
-2 /-27	3.7																	30	30	30	27
-2 /-29	2.7																	22	22	22	29
- /-31	1.7																	14	14	14	23
- /-33	2.0																	16	16	16	31
-34/-35	1.5																	12	17	12	28
-3 /-37	1.4																	11	28	11	31
-3 /-39	.9																	7	24	7	17
- /-41	.4																	3	6	3	22
-42/-43	.9																	7	8	7	31
-44/-45	.1																	1	1	1	28
-4 /-47	.1																	1	1	1	4
-4 /-49																					8
- /-51																					5
- /-53																					1
TOTAL	55.4	30.8	7.4	3.2	2.7	.4													845		801
																		801		801	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2942496	47384	59.2	13.203	801							
Dry Bulb	409337	-4635	-5.5	21.328	845	51.0	79.9					84
Wet Bulb	312936	-3886	-4.9	19.173	801	52.0	83.2					84
Dew Point	498585	-11921	-14.9	19.911	801	62.1	84.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72550 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | FEB MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5[illegible]/ 4[illegible]							.1											4	4		
4[illegible]/ 47				.0		.0	.0											7	7		
4[illegible]/ 45						.1												4	4		
[illegible]4/ 43				.0	.1	.3												25	25		
42/ 41				.1	.4	.0												33	33	1	
40/ 39			.0	.2	.9	.1												78	78		
3[illegible]/ 37			.1	.4	.6	.1												71	72	13	
36/ 35		.0	.2	.6	.5	.1												87	87	17	1
34/ 33		.1	.2	.5	.3													69	70	70	
2[illegible]/ 31		.5	.5	.6	.3													127	127	113	2
3[illegible]/ 29	.2	.7	.6	.2	.0													114	114	148	11
2[illegible]/ 27	.2	.6	.9	.2														106	106	148	47
2[illegible]/ 25		.8	1.0	.1	.0													125	125	150	62
24/ 23		.5	.7	.3														82	82	152	37
22/ 21	.1	.8	1.0	.0														125	127	120	98
2[illegible]/ 19	.2	1.9	1.0	.1														200	200	131	173
1[illegible]/ 17	.1	1.2	.6	.0														123	123	178	140
1[illegible]/ 15	.1	1.3	.7															136	136	145	179
14/ 13	.3	1.5	.3															134	134	131	153
1[illegible]/ 11	.2	1.5	.7															149	151	140	155
1[illegible]/ 9	.1	1.9	.4															151	152	131	151
[illegible]/ 7	.0	2.0	.3															150	151	187	161
[illegible]/ 5	.1	2.2	.0															148	148	163	95
[illegible]/ 3	.1	3.2																213	214	199	145
[illegible]/ 1	.1	4.5																298	302	259	117
/ -1	1.9	1.5																214	217	289	118
-[illegible]/ -3	.9	2.5																215	215	226	113
-4/ -5	1.5	1.8																211	211	216	152
-[illegible]/ -7	2.3	.9																202	202	251	168
-[illegible]/ -9	3.1																	199	199	222	195
-1[illegible]/-11	3.2																	208	208	208	213
-1[illegible]/-13	2.8																	179	179	179	199
-14/-15	3.7																	237	238	237	243
-1[illegible]/-17	3.3																	212	213	212	238

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
FEB — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-1?/-19	4.3																	274	275	274	272
-?/-21	3.9																	249	249	249	221
-2?/-23	2.8																	177	178	177	262
-2?/-25	3.0																	193	195	193	229
-2?/-27	3.0																	191	191	191	229
-?/-29	2.9																	184	186	184	231
-?/-31	2.1																	133	134	133	169
-?2/-33	1.8																	118	128	116	201
-34/-35	1.1																	69	115	69	232
-?/-37	.7																	47	130	47	227
-?/-39	.6																	38	119	?8	143
-?/-41	.4																	26	90	26	167
-?2/-43	.4																	27	74	27	171
-?4/-45	.3																	18	21	18	134
-?/-47	.3																	22	22	22	51
-?/-49	.1																	5	5	5	44
-?/-51																					31
-?/-53																					22
-?/-55																					5
TOTAL	51.9	31.9	9.3	2.9	3.2	.7	.1												6766		6407
																		6407		6407	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	22903441	373565	58.3	13.237	6407							
Dry Bulb	3268647	-27069	-4.0	21.614	6766	396.7	634.3					672
Wet Bulb	2436245	-21987	-3.4	19.197	6407	399.7	661.4					672
Dew Point	3759493	-88039	-13.7	19.951	6407	490.9	671.9					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 47								.3										3	3		
[illegible] / 45							.2											2	2		
40 / 39					.3													3	3		
38 / 37				.2	1.8													11	11		
[illegible] / 35				.3	.5													8	8	2	
34 / 33		.2			.3													5	5	3	
32 / 31		.6	.4	1.1	.4													24	24	8	
[illegible] / 29		.4	1.4	.3														20	20	20	1
[illegible] / 27	.1	1.4	.8	.3														24	24	20	4
[illegible] / 25		1.3	1.1	.4														26	26	32	6
24 / 23	.2	1.7	.6	.1														25	25	32	5
22 / 21	.3	1.2	1.8	.4														35	35	41	14
[illegible] / 19	.1	3.5	3.2															64	64	25	23
18 / 17	.4	1.6	.8															26	26	57	36
16 / 15	.3	2.7	.5															33	33	45	38
14 / 13	.1	3.4	1.5															47	47	29	37
12 / 11	1.2	2.4	1.1															43	43	49	39
10 / 9	.6	3.9	1.1															52	52	50	30
[illegible] / 7	.1	3.0	.2															31	31	48	35
[illegible] / 5	.4	4.1																42	42	45	36
[illegible] / 3	.9	4.1																46	46	49	44
[illegible] / 1	.6	5.1																53	53	50	53
[illegible] / -1	2.8	1.3																38	38	52	38
[illegible] / -3	1.5	2.6																38	38	32	40
[illegible] / -5	1.9	2.9																45	45	42	35
[illegible] / -7	1.9	1.4																31	31	43	45
[illegible] / -9	4.1																	38	38	44	36
[illegible] / -11	3.4																	32	32	32	23
[illegible] / -13	1.8																	17	17	17	31
[illegible] / -15	1.9																	18	18	18	33
[illegible] / -17	1.6																	15	15	15	51
[illegible] / -19	.8																	7	7	7	31
[illegible] / -21	.3																	3	3	3	33
[illegible] / -23	.4																	4	4	4	19

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAR — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-2 /-25	.4																	4	4	4	24
-2 /-27	.5																	5	5	5	19
- /-29																					19
- /-31																					6
-32/-33	.5																	5	5	5	5
-34/-35	.5																	5	5	5	6
-3 /-37	.1																	1	1	1	5
-3 /-39	.1																	1	1	1	3
- /-41																					5
-42/-43																					5
-44/-45																					3
- /-51																					9
TOTAL	30.3	48.8	14.5	3.2	2.6		.2	.3											930		930
																		930		930	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3576414	55936	60.1	15.109	930							
Dry Bulb	260906	6950	7.5	14.998	930	30.7	89.8					93
Wet Bulb	207307	5491	5.9	13.721	930	33.0	92.5					93
Dew Point	250630	-3760	-4.0	15.919	930	52.9	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
49/ 45							.3											3	3		
44/ 43							.2											2	2		
42/ 41						.1												1	1		
40/ 39					.2													2	2		
38/ 37					.6													6	6		
36/ 35				.2	.5													7	7	1	
34/ 33				.3	.1													4	4	4	
32/ 31		.5	.1	.5	.3													14	14	4	
30/ 29		.1	.9	.5	.1													15	15	16	
28/ 27		1.1	1.0	.3														22	22	9	3
26/ 25		.3	.8	.2														12	12	25	3
24/ 23	.1	1.6	.2	.1														19	19	23	2
22/ 21	.2	1.9	1.5	.3														37	37	33	7
20/ 19	.1	4.0	1.7	.2														56	56	31	18
18/ 17	.1	2.6	.9															33	33	53	23
16/ 15		3.4	.6															38	38	34	37
14/ 13	.3	2.5	.9															34	34	42	34
12/ 11	.5	3.0	1.3															45	45	31	49
10/ 9	1.0	3.1	.8															45	45	53	27
8/ 7	.9	4.7	.1															53	53	56	27
6/ 5	.3	3.4	.1															36	36	48	35
4/ 3	1.0	3.4																41	41	45	38
2/ 1	.9	4.0																45	45	47	60
0/ -1	2.5	1.5																37	37	38	41
-2/ -3	1.4	2.9																40	40	39	49
-4/ -5	1.9	2.4																40	40	39	39
-6/ -7	2.4	1.0																31	31	40	32
-8/ -9	4.5																	42	42	49	33
-10/-11	4.4																	41	41	41	27
-12/-13	2.5																	23	23	23	20
-14/-15	2.3																	21	21	21	37
-16/-17	3.1																	29	29	29	42
-18/-19	2.2																	20	20	20	49
-20/-21	.9																	8	8	8	27

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAR — MONTH
PAGE 2
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2?/-23	.1																	1	1	1	38
2?/-25	.3																	3	3	3	23
?/-27	.2																	2	2	2	19
?/-29	.5																	5	5	5	15
/-31	.5																	5	5	5	9
?/-33	.1																	1	1	1	1
3?/-35	.1																	1	1	1	17
3?/-37	.5																	5	5	5	10
?/-39	.4																	4	4	4	4
/-41	.1																	1	1	1	1
?/-43																					4
4?/-45																					3
4?/-47																					3
4?/-49																					1
/-51																					5
TOTAL	36.3	47.5	10.8	2.8	1.9	.1	.5												930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3638193	56513	60.8	14.822	930							
Dry Bulb	242344	4686	5.0	15.344	930	36.0	90.5					93
Wet Bulb	197911	3427	3.7	14.122	930	37.5	92.5					93
Dew Point	277650	-5670	-6.1	16.176	930	56.7	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | MAR MONTH

PAGE 1 | 0000-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4 / 45							•3											3	3		
/ 41						•1												1	1		
4 / 39					•1	•1												2	2		
3 / 37				•1	•5													6	6		
/ 35				•5														6	6	3	
3 / 33				•1		•2												3	3		
2 / 31		•3	•3	•6	•1													13	13	4	
/ 29		•8	•8		•1													15	15	14	
2 / 27		1•0	1•4	•4														26	26	11	2
/ 25		1•1	•9	•3														21	21	27	3
2 / 23		1•0	•4															13	13	26	1
2 / 21		1•8	1•6															32	32	22	7
/ 19	•2	4•6	1•7															55	55	40	18
1 / 17	•3	3•2	1•4															44	44	46	29
1 / 15	•1	3•2	•2															33	33	45	44
1 / 13	•1	2•7	•4															30	30	36	35
1 / 11	•4	3•6	1•9															46	46	37	26
1 / 9	•6	4•5	•8															55	55	48	29
/ 7	1•3	2•6	•1															34	34	57	37
/ 5	•9	2•4																30	30	34	34
/ 3	•6	3•9																42	42	46	50
/ 1	•5	5•3																54	54	46	56
/ -1	2•2	1•7																36	36	46	36
- / -3	1•3	3•7																46	46	38	33
-2 / -5	2•4	2•3																43	43	49	39
- / -7	3•6	1•5																47	47	56	37
-2 / -9	3•9																	36	36	41	26
- / -11	3•7																	34	34	34	28
-1 / -13	2•3																	21	21	21	32
-1 / -15	2•3																	21	21	21	53
-1 / -17	2•4																	22	22	22	46
-1 / -19	2•4																	19	19	19	31
- / -21	•9																	8	8	8	28
- / -23	•3																	3	3	3	30

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAR — MONTH

0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-[illegible]/-25	.3																	3	3	3	31
-[illegible]/-27	.3																	3	3	3	24
-2 /-29	.2																	2	2	2	14
- /-31	.9																	8	8	8	11
- 2/-33	.1																	1	1	1	9
-3[illegible]/-35	.2																	2	2	2	9
-3[illegible]/-37	.3																	3	3	3	7
-[illegible]/-39	.3																	3	4	3	5
- /-41	.4																	4	4	4	6
- 2/-43																					4
-[illegible]/-45																					7
-[illegible]/-47																					7
-[illegible]/-49																					1
- /-51																					4
TOTAL	3[illegible].0	50.2	11.0	2.3	.3	.4	.3												930		929
																		929		929	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3636666	56578	60.9	14.345	929							
Dry Bulb	242133	4549	4.9	15.385	930	36.6	90.9					93
Wet Bulb	198727	3357	3.6	14.180	929	38.7	92.7					93
Dew Point	276692	-5670	-6.1	16.151	929	55.9	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — MAR MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
5 / 49								.2										2	2		
4 / 47							.1											1	1		
4 / 45						.1												1	1		
4 / 43					.1													1	1		
4 / 41					.3	.3												6	6		
40 / 39				.1	.5	.3												9	9		
3 / 37			.1	.3	.5	.4												13	13	2	
3 / 35			.2	1.0	.8	.1												19	19	5	
3 / 33		.1	.6	.6	.3	.1												17	17	6	
2 / 31		.3	2.2	1.5	.2													39	39	13	
1 / 29		.8	2.2	.5	.2													34	34	33	
1 / 27		1.2	2.2	1.2	.1													43	43	41	5
1 / 25		.5	2.3	.3														29	29	51	6
1 / 23		.8	1.2	.3														21	21	38	8
2 / 21		2.2	2.8	.6														52	52	49	18
/ 19	.2	3.1	2.3	.3														55	55	35	37
1 / 17	.3	2.0	1.0	.1														32	32	58	41
1 / 15	.2	2.3	1.0															32	32	43	50
1 / 13		3.2	.9															38	38	27	38
1 / 11	.6	3.9	1.4															51	51	46	42
1 / 9	.2	4.9	1.1															58	58	48	50
/ 7	.3	6.2	.3															69	69	66	46
/ 5		5.3	.1															50	50	72	38
/ 3	.4	4.3																44	44	53	31
/ 1	.5	5.1																52	52	46	60
/ -1	1.9	1.3																30	30	54	44
- / -3	.6	2.9																33	33	28	46
-4 / -5	1.1	2.0																29	29	31	53
- / -7	.9	.8																15	15	20	50
- / -9	1.6																	15	15	20	31
-1 / -11	.9																	7	7	7	32
-1 / -13	.8																	7	7	7	31
-14 / -15	.5																	5	5	5	37
-1 / -17	.4																	4	4	4	22

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1 /-19	.5																	5	5	5	24
- /-21	.8																	7	7	7	22
- 2/-23	.1																	1	1	1	13
-2 /-25	.5																	5	5	5	14
- /-27	.1																	1	1	1	6
-2 /-29	.1																	1	1	1	8
- /-31	.2																	2	2	2	5
- 2/-33																					3
-3 /-35																					5
-3 /-37																					5
- /-39																					2
- /-41																					3
- /-43																					3
- 4/-45																					2
- /-51																					1
TOTAL	13.9	52.7	21.6	7.0	3.1	1.9	.1	.2											930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3193192	52878	56.9	14.174	930							
Dry Bulb	332711	11851	12.7	13.985	930	16.7	86.1					93
Wet Bulb	246070	9732	10.5	12.460	930	19.8	91.7					93
Dew Point	191824	-306	-.3	14.366	930	46.2	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 51								.2										2	2		
55/ 49								.1										1	1		
4 / 47						.9												8	8		
4 / 45					.1	.4												5	5		
44/ 43				.1	.6	.3	.1											11	11		
42/ 41				.1	1.0	1.3												22	22		
40/ 39				.5	1.9	.8												30	30		
3 / 37			.3	1.4	2.0	.8												42	42	13	
3 / 35			1.0	2.5	.3													39	39	11	
34/ 33		.3	.8	1.9	.9	.1												37	37	34	
2/ 31		.5	.6	3.3	.6													48	48	54	
30/ 29		.2	1.7	2.0	.4													41	41	57	4
/ 27		.5	1.5	2.3	.1													41	41	48	5
/ 25		.9	2.7	2.2														53	53	53	19
24/ 23	.1	.2	2.0	.9														30	30	63	12
2/ 21	.2	.9	2.7	.8														42	42	40	35
/ 19		1.9	2.8	.5														49	49	53	52
1 / 17	.1	1.5	3.0	.5														48	48	49	57
1 / 15	.2	2.4	2.6															48	48	54	45
10/ 13	.2	3.5	2.3															56	56	49	65
1 / 11	.3	3.7	2.5															60	60	65	54
1 / 9		2.8	2.9															53	53	57	45
/ 7	.2	3.0	.6															36	36	66	52
/ 5		2.8	.2															28	28	38	35
/ 3		2.3																21	21	31	59
/ 1		1.7																16	16	17	52
/ -1	1.0	.9																17	17	24	51
- / -3	.3	1.4																16	16	18	40
-/ -5	.1	.9																9	9	11	37
-/ -7	.1	.3																4	4	7	22
- / -9	.6																	6	6	7	29
-1 / -11	.1																	1	1	1	39
-1 / -13	.3																	3	3	3	25
-1 / -15	.6																	6	6	6	28

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAR — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1 / -17	.1																	1	1	1	11
-1 / -19																					17
- / -21																					15
-2 / -23																					8
-24 / -25																					7
- / -27																					2
-2 / -29																					2
- / -31																					1
-2 / -33																					6
-3 / -35																					3
TOTAL	.732	.630	.219	.0	8.5	4.5	.1	.3										930		930	930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2574517	47169	50.71	14.002	930							
Dry Bulb	549638	19032	20.5	13.130	930	6.3	73.3					93
Wet Bulb	377059	15583	16.8	11.172	930	7.8	87.2					93
Dew Point	172745	3931	4.2	12.964	930	33.9	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7'2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | MAR MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
2/ 51									.1									1	1		
5./ 49								.2										2	2		
4 / 47						.1	.3											4	4		
4 / 45					.1	1.2	.4											16	16		
44/ 43				.1	.4	.8												12	12		
42/ 41				.3	2.0	1.4												35	35		
40/ 39			.1	.9	3.6	.9												50	50		
3 / 37			.2	1.2	1.6	.4												32	32	12	
3 / 35		.6	.3	1.5	1.7													39	39	24	
3 / 33		.4	.4	1.7	.6													30	30	54	
2 / 31		.4	1.1	3.1	1.0	.1												53	53	57	2
20/ 29		.2	1.4	2.2	1.1													45	45	51	9
2 / 27		.3	1.2	2.6	.4													42	42	44	5
26/ 25		1.2	2.0	2.2														50	51	49	12
24/ 23	.1	.6	1.6	1.2														33	33	60	14
22/ 21		1.4	3.3	1.1														54	54	65	45
20/ 19	.1	1.8	3.0	2.0														65	65	51	50
1 / 17		1.1	2.3	.5														36	36	59	55
1 / 15		1.9	2.9	.1														46	46	52	60
14/ 13	.2	3.7	3.9															72	72	47	69
12/ 11		2.5	2.3															44	44	63	54
1 / 9		2.5	1.3															35	35	60	41
/ 7	.1	1.0	1.7															26	26	43	50
/ 5		2.5	.1															24	24	26	47
/ 3		1.9																18	18	32	47
/ 1		2.2																20	20	20	42
/ -1	.3	.5																8	8	22	42
-2/ -3	.1	2.0																20	20	15	54
-4/ -5	.1	.2																3	3	8	35
-6/ -7		.6																6	6	6	22
-8/ -9	.1																	1	1	2	28
-10/-11	.1																	1	1	1	30
-12/-13	.4																	4	4	4	25
-14/-15	.1																	1	1	1	22

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 88 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAR — MONTH
PAGE 2
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1 /-17	.1																	1	1	1	13
-1 /-19																					21
- /-21																					10
-2 /-23																					7
-2 /-25																					4
-2 /-27																					1
-2 /-29																					5
- /-31																					2
- 2/-33																					5
-3 /-35																					1
TOTAL	1.	9	29.	7	29.	2	20.	7	12.6	4.8	.6	.2	.1					929	930	929	929

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2418253	45471	48.9	19.407	929							
Dry Bulb	611582	20638	22.2	12.858	930	4.5	70.9					93
Wet Bulb	413454	16800	18.1	10.871	929	6.0	84.0					93
Dew Point	177850	4606	5.0	2.928	929	32.7	93.0					93

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
52/ 51								.1										2	2		
50/ 49								.1										1	1		
48/ 45							.1											1	1		
46/ 43					.2	.2	.1											5	5		
44/ 41				.2	.6	.2												11	11		
42/ 39			.3	.2	.8	.1												13	13		
40/ 37				1.9	.3	.3												24	24	2	
38/ 35		.1	.5	2.3	.6													33	33	10	
36/ 33		.8	.9	1.2	.8													33	33	19	
34/ 31		.4	1.0	3.1	.9													46	46	35	2
32/ 29		.3	2.2	.9	.1													32	32	41	11
30/ 27		.6	1.8	1.0														32	32	34	4
28/ 25	.1	1.4	1.8	1.0	.1													41	41	60	7
26/ 23	.2	.5	1.8	.9														32	32	47	13
24/ 21	.4	2.2	2.9	.8														58	58	41	25
22/ 19	.1	2.9	2.5	.6														57	57	49	62
20/ 17		2.5	2.5	.2														48	48	60	34
18/ 15		3.1	2.4															51	51	54	37
16/ 13	.4	1.9	2.5															45	45	61	59
14/ 11	.6	2.7	2.4															53	53	43	65
12/ 9		3.0	1.5															42	42	49	37
10/ 7	.4	3.2	.5															39	39	57	40
8/ 5	.3	4.2	.2															44	44	52	36
6/ 3	.4	4.0																41	41	45	49
4/ 1	.2	3.4																34	34	40	59
2/ -1	1.3	1.4																25	25	34	38
0/ -3	.5	2.0																24	24	21	45
-2/ -5	1.0	1.7																25	25	25	39
-4/ -7	.5	.8																12	12	23	47
-6/ -9	.3																	3	3	5	27
-8/-11	.4																	4	4	4	32
-10/-13	.4																	4	4	4	23
-12/-15	.1																	1	1	1	36
-14/-17	.1																	1	1	1	26

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 2
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-1 /-19	.3																	3	3	3	23
/-21	.3																	3	3	3	11
2/-23	.3																	3	3	3	10
2 /-25	.3																	3	3	3	10
2 /-27																					3
/-29	.1																	1	1	1	4
/-31																					3
2/-33																					1
3 /-35																					3
3 /-37																					4
/-39																					2
/-41																					4
4/-45																					1
4 /-47																					1
/-51																					1
TOTAL	.9	43.	227.	61	4.2	4.1	.9	.2	.3										930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3035011	51143	55.0	15.477	930							
Dry Bulb	420326	15260	16.4	13.525	930	11.2	80.7					93
Wet Bulb	304105	12635	13.6	11.940	930	13.1	89.9					93
Dew Point	191072	2076	2.2	14.166	930	39.0	93.0					93

FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 49								.3										3	3		
4 / 45							.1											1	1		
[illegible]4/ 43						.1	.1											2	2		
[illegible]2/ 41				.2	.2													4	4		
4 / 39				.3	.4	.1												8	8		
3 / 37				.3	.8													10	10		
[illegible]6/ 35			.3	.3	.6													12	12	6	
38/ 33		.5	.2	.8	.4													18	18	10	
[illegible]2/ 31		.5	1.1	1.0	.3													27	27	18	
3[illegible]/ 29		.9	1.6	1.0	.1													33	33	18	6
2[illegible]/ 27		.8	1.6	.8														29	29	32	6
[illegible]/ 25		1.2	1.5	.1														26	26	33	5
24/ 23		2.0	1.0	.4														32	32	46	12
[illegible]2/ 21	.2	2.7	2.2	.5														52	52	50	13
[illegible] / 19	.1	3.7	3.0	.1														64	64	31	29
1[illegible]/ 17	.3	3.7	.9															45	45	60	46
1[illegible]/ 15	.1	1.8	.9															26	26	60	42
1[illegible]/ 13	.4	1.8	1.4															34	34	29	52
1 / 11	.8	2.6	1.8															50	50	35	41
1[illegible]/ 9	.3	4.7	.5															52	52	48	39
[illegible] / 7	.4	3.4	.3															39	39	64	44
[illegible]/ 5	.4	4.8	.1															50	50	46	28
4/ 3	.5	5.0																51	51	52	38
[illegible]/ 1	.4	4.2																47	47	51	65
[illegible] / -1	2.3	1.2																32	32	50	37
-[illegible]/ -3	.5	3.0																33	33	29	43
-[illegible]/ -5	1.5	3.2																44	44	38	37
-6/ -7	1.7	1.9																34	34	45	42
-[illegible] / -9	2.4																	22	22	29	35
-1[illegible]/-11	1.6																	17	17	17	36
-1[illegible]/-13	.4																	4	4	4	26
-1[illegible]/-15	.5																	5	5	5	38
-1[illegible]/-17	.1																	1	1	1	38
-1[illegible]/-19	.3																	3	3	3	26

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | MAR MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-20/-21	.2																	2	2	2	21
-22/-23	.4																	4	4	4	20
-24/-25	.1																	1	1	1	24
-26/-27	.2																	2	2	2	9
-28/-29	.2																	2	2	2	4
-30/-31	.5																	5	5	5	2
-32/-33	.3																	3	3	3	2
-34/-35																					3
-36/-37																					3
-38/-39																					3
-40/-41																					1
-42/-43																					1
-44/-45																					2
-50/-51																					10
TOTAL	1.0	.2	5.9	18.4	5.8	2.9	.2	.2	.3										929		929
																		929		929	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3440442	54726	58.9	15.278	929							
Dry Bulb	307383	10505	11.3	14.256	929	21.4	87.2					93
Wet Bulb	235338	8664	9.3	12.904	929	24.0	91.4					93
Dew Point	215137	-875	-.9	15.197	929	46.3	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK 73-82 MAR
STATION STATION NAME YEARS MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-2/ 51								.1	.0									5	5		
5 / 49								.1										9	9		
4 / 47						.1	.1	.0										16	16		
46/ 45					.0	.2	.2											32	32		
44/ 43				.0	.2	.2	.1											33	33		
2/ 41				.1	.5	.4												80	80		
40/ 39			.1	.3	1.0	.3												117	117		
3 / 37			.1	.7	.9	.2												144	144	29	
36/ 35		.1	.3	1.1	.7	.0												163	163	62	
34/ 33		.3	.4	.8	.4	.1												147	147	130	
2/ 31		.5	.8	1.8	.4	.0												264	264	193	4
30/ 29		.5	1.5	.9	.3													235	235	250	31
28/ 27	.0	.9	1.4	1.1	.1													259	259	239	34
26/ 25	.0	1.0	1.6	.8	.0													258	259	330	61
24/ 23	.1	1.1	1.1	.5														205	205	335	67
22/ 21	.2	1.8	2.4	.6														362	362	341	164
20/ 19	.1	3.1	2.5	.5														465	465	315	289
18/ 17	.2	2.2	1.6	.2														312	312	442	321
16/ 15	.1	2.6	1.4	.0														307	307	387	353
14/ 13	.2	2.9	1.7															356	356	315	389
12/ 11	.6	3.0	1.7															392	392	369	368
10/ 9	.3	3.7	1.2															392	392	413	298
8/ 7	.4	3.4	.5															322	322	457	331
6/ 5	.3	3.7	.1															304	304	361	289
4/ 3	.5	3.6																304	304	353	356
2/ 1	.5	3.9																321	321	317	447
0/ -1	1.8	1.2																223	223	320	323
-2/ -3	.4	2.6																250	250	220	350
-4/ -5	1.3	1.9																238	238	243	314
-6/ -7	1.4	1.0																180	180	240	297
-8/ -9	2.2																	163	163	197	245
-10/-11	1.8																	137	137	137	252
-12/-13	1.1																	83	83	83	213
-14/-15	1.0																	78	78	78	280

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAR — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 /-17	1.2																	74	74	74	249
1 /-19	.8																	57	57	57	222
/-21	.4																	31	31	31	167
2/-23	.2																	16	16	16	145
2 /-25	.3																	19	19	19	137
2 /-27	.2																	13	13	13	83
2 /-29	.1																	11	11	11	71
/-31	.3																	20	20	20	39
2/-33	.1																	10	10	10	41
3 /-35	.1																	8	8	8	47
3 /-37	.1																	9	9	9	34
/-39	.1																	8	9	8	19
/-41	.1																	5	5	5	29
2/-43																					21
4 /-45																					23
4 /-47																					11
4 /-49																					2
/-51																					30
TOTAL	13.7	44.8	20.4	9.4	4.6	1.5	.3	.2	.0									7437	7439	7437	7437
																	7437		7437		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	25512688	420414	56.5	15.326	7437							
Dry Bulb	2967023	93471	12.6	15.524	7439	163.4	669.4					744
Wet Bulb	2180001	75689	10.2	13.769	7437	180.0	721.9					744
Dew Point	1753600	-5668	-.8	15.338	7437	363.6	744.0					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 265C STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | APR MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 49						.1												1	1		
4 / 47					.2													2	2		
4 / 45				.1	.2	.1												4	4		
4 / 43				.2	.2	.3												7	7		
3 / 41				.9	.3	.1												16	16	1	
4 / 39		.1	1.2	.9	.3	.3												26	26	3	
3 / 37		.6	1.6	1.4	.8													39	39	7	
3 / 35		.7	2.9	2.8	.2													52	52	29	
3 / 33		1.8	3.8	1.2	.2													63	63	46	2
2 / 31	.2	4.2	6.3	2.8	.1													123	123	69	24
1 / 29	.4	2.2	4.9	1.1														78	78	102	27
2 / 27	.2	2.6	3.7	.3														63	63	92	39
2 / 25		3.2	4.6	.4														74	74	100	72
2 / 23	.1	3.1	2.2	.1														50	50	74	46
2 / 21		2.7	1.6	.3														41	41	75	56
2 / 19	.4	3.0	3.2	.8														67	67	40	103
1 / 17	.2	1.4	1.6	.3														32	32	38	82
1 / 15	.1	.8	2.1															27	27	52	67
1 / 13		1.4	.8															20	20	25	65
1 / 11		1.6	1.0															23	23	27	51
1 / 9		1.6	.2															16	16	27	21
/ 7	.1	1.3	.7															19	19	20	24
/ 5	.2	.8																9	9	16	15
/ 3		1.2																11	11	11	22
/ 1		1.7																15	15	11	40
/ -1	.4	.3																7	7	17	23
/ -3		.2																2	2	5	18
/ -5		.4																4	4	2	16
/ -7																				2	20
/ -9	.6																	5	5	5	15
/ -11	.3																	3	3	3	9
/ -13																					2
/ -15	.1																	1	1	1	16
/ -17																					8

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 2

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
-1 /-19																						1
- /-21																						3
- 2/-23																						4
-2 /-25																						7
-2 /-27																						2
TOTAL	3	6	37	142	213	0	3	1	1	0										900		900
																			900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3633801	55725	61.9	14.287	900							
Dry Bulb	671545	22703	25.2	10.486	900	2.2	69.0					90
Wet Bulb	524301	19933	22.1	9.599	900	3.5	61.4					90
Dew Point	299196	12088	13.4	12.338	900	14.4	89.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 49						.1												1	1		
4 / 47							.3											3	3		
47 / 45					.2													2	2		
44/ 43				.2	.7	.1												9	9		
42/ 41				.7	.3	.1												10	10		
40/ 39			.4	.4	.2	.1												11	11	1	
38 / 37		.6	1.2	.1	.2													19	19	8	
36 / 35		1.8	1.4	.9	.1													38	38	25	
34/ 33		2.1	3.2	1.2	.1													60	60	38	2
32/ 31	.4	3.6	4.1	2.3														94	94	46	19
30 / 29	.6	3.7	3.8	.4														76	76	78	33
28 / 27	.1	3.4	2.9	.1														59	59	75	43
26 / 25	.3	3.7	2.9	.3														65	65	102	54
24/ 23	.2	3.3	1.7															47	47	69	33
22/ 21	.7	4.7	2.3	.1														70	70	60	57
20 / 19	.7	5.4	1.2	.2														68	68	71	91
18 / 17	.6	2.7	2.3	.7														56	56	63	74
16 / 15	.4	1.7	1.3															31	31	37	75
14/ 13	.1	.8	.7															14	14	40	75
12 / 11		2.4	1.2															31	31	19	48
10 / 9	.1	1.3	.8															20	20	31	39
8 / 7		1.4	.3															16	16	30	20
6 / 5		1.7	.1															16	16	20	13
4 / 3	.3	1.1																13	13	18	22
2 / 1		2.7																24	24	15	22
0 / -1	.2	.8																15	15	20	30
-2 / -3	.1	.9																9	9	13	16
-4 / -5	.1	.3																4	4	4	22
-6 / -7	.3	.1																4	4	6	22
-8 / -9	.7																	6	6	7	12
-10/-11	.2																	2	2	2	8
-12/-13	.3																	3	3	3	19
-14/-15	.1																	1	1	1	7
-16/-17	.3																	3	3	3	12

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRA
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
APR — MONTH
PAGE 2
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1 /-19																					11
- /-21																					4
- 2/-23																					3
-2 /-25																					2
-2 /-27																					7
- /-29																					4
- /-31																					1
TOTAL	7.7	50.1	31.8	7.8	1.9	.4	.3											900			900
																	900		900		

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4053247	58913	65.5	14.798	900							
Dry Bulb	573655	20255	22.5	11.447	900	4.7	74.7					90
Wet Bulb	461512	18026	20.0	10.572	900	5.9	82.8					90
Dew Point	290838	10930	12.1	13.261	900	18.0	89.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | APR MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 51					.1	.2	.2											5	5		
[illegible] / 49					.2	.2	.1											5	5		
[illegible] / 47				.1	.3	.3												7	7		
[illegible] / 45				.2	.9	.7	.1											17	17		
[illegible] / 43			.1	.7	.2	.6												14	14	1	
[illegible] / 41			.9	.3	1.1	.1												18	18	7	
40 / 39		.2	1.6	.9	.9	.1												32	32	10	
3 / 37		.4	2.2	1.8	.7	.1												47	47	28	
[illegible] / 35		.3	3.9	2.5	.7													66	66	36	
34 / 33	.3	2.0	2.8	1.4	.4													63	63	57	9
[illegible] / 31		2.9	4.2	2.5	.1													87	89	72	32
[illegible] / 27	.8	1.9	4.1	.7	.1													68	68	91	36
[illegible] / 27		1.7	2.6	1.1														48	48	71	45
[illegible] / 25		2.1	2.9	.1														46	46	76	58
24 / 23	.2	1.6	1.4	.2														31	31	60	49
[illegible] / 21		3.3	2.1	.4														53	53	49	67
[illegible] / 19	.3	3.7	2.2	.4														60	60	52	78
1 / 17	.7	1.6	1.6	.6														39	39	47	56
1[illegible] / 15	.1	1.8	1.6	.1														32	32	38	67
14 / 13	.2	1.9	2.2															39	39	36	68
1 / 11		1.4	1.0															22	22	32	51
1 / 9	.1	1.2	.9															20	20	33	42
/ 7	.1	1.4	.1															15	15	24	23
[illegible] / 5		1.0																9	9	16	10
[illegible] / 3		1.3																12	12	11	19
/ 1		2.1																19	19	16	32
/ -1	.2	.1																3	4	13	24
-[illegible] / -3		.6																5	5	4	15
-[illegible] / -5		.3																3	3	2	17
-[illegible] / -7		.4																4	4	3	26
-[illegible] / -9	.2																	2	2	6	16
-[illegible] / -11	.2																	2	2	2	16
-1[illegible] / -13	.1																	1	1	1	11
-14 / -15	.2																	2	2	2	8

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1 /-17	.1																	1	1	1	4
-1 /-19																					7
- /-21																					4
-2 /-23																					3
-24/-25																					3
- /-27																					3
-2 /-29																					1
- /-31																					1
TOTAL	4.0	35.5	39.0	19.0	5.7	2.3	.4											897	900	897	897

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3553207	54831	61.1	19.998	897							
Dry Bulb	715706	23022	25.6	11.876	900	2.4	62.6					90
Wet Bulb	547309	20009	22.3	10.616	897	3.4	76.1					90
Dew Point	310635	11995	13.4	12.949	897	16.0	89.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | APR MONTH

PAGE 1 | 0500-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 65									.1									1	1		
64/ 63								.1										1	1		
62/ 61								.1	.1									2	2		
6 / 59							.3	.1	.1									5	5		
5 / 57						.1	.1	.1	.2									5	5		
56/ 55						.2	.2	.2	.1									7	7		
54/ 53						.6	.7	.2										13	13		
52/ 51						.7	1.4	.1										20	20		
50/ 49					.2	1.0	1.2	.4										26	26	2	
4 / 47				.2	.9	1.7	1.1	.1										36	36	6	
46/ 45				.2	1.6	3.2	.2											47	47	7	
44/ 43			.1	.7	2.3	2.4	.6											55	55	10	
42/ 41			.4	1.0	3.2	.9												50	50	22	
40/ 39			1.4	1.6	3.2	.7												62	62	42	
38/ 37	.1	.2	1.8	2.3	1.2	.2												53	53	64	
36/ 35	.1	.4	2.6	2.3	1.8	.1												66	66	86	9
34/ 33	.1	1.1	1.4	2.3	1.0													54	54	89	15
32/ 31		.8	1.9	4.1	.9													69	70	82	23
30/ 29	.2	.7	2.1	1.8	.6													48	48	73	37
28/ 27	.1	.4	2.0	1.9	.3													43	44	59	65
26/ 25	.1	1.0	2.2	2.0	.1													49	49	65	59
24/ 23	.2	.3	1.2	.8														23	23	53	55
22/ 21		.3	2.2	1.7														38	38	45	64
20/ 19		.9	2.3	1.6														43	43	39	100
18/ 17		.3	2.6	.2														28	28	37	66
16/ 15		.7	1.4															19	19	39	61
14/ 13		.3	.8															10	10	30	47
12/ 11		.6	.7															11	11	16	89
10/ 9		.2	.4															6	6	13	36
8/ 7			.1															1	1	11	32
6/ 5		.2																2	2	2	18
4/ 3		.3																3	3	1	23
2/ 1		.2																2	2	3	39
0/ -1																				2	23

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | APR MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
- / -3																					14
-4/ -5																					20
- / -7																					12
- / -9																					6
-1 /-11																					7
-1 /-13																					6
-14/-15																					6
-1 /-17																					2
-1 /-19																					2
TOTAL	1.0	9.1	27.8	29.7	17.4	11.8	5.9	1.6	.7									900			898
																	898		898		

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2345374	43916	48.9	14.846	898							
Dry Bulb	1149623	30561	34.0	11.155	900		39.7					90
Wet Bulb	780463	25205	28.1	9.022	898	.2	57.1					90
Dew Point	330698	14090	15.7	11.055	898	10.0	87.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73											.1							1	1		
72/ 71											.1							1	1		
6 / 67									.1	.2								3	3		
66/ 65									.6									5	5		
4/ 63								.2	.2	.1								5	5		
62/ 61									.3									3	3		
/ 59									.3	.4								7	7		
/ 57							.3	.6	.3	.1								12	12		
5+/ 55							.7	.7	.2									14	14		
4/ 53							1.3	1.8	.4									32	32	1	
2/ 51					.2	.8	1.1	1.8										35	35	5	
50/ 49					.3	1.1	3.0	.3										43	43	6	
4 / 47				.1	.5	3.9	2.0	.6										64	64	3	
46/ 45				.4	1.3	3.9	1.6	.1										66	66	6	
44/ 43			.3	.4	1.6	4.4	.7											69	69	24	
42/ 41		.1	.3	1.1	2.7	2.7												62	62	90	
40/ 39			.4	1.2	3.4	1.3												58	58	65	
38/ 37	.1	.4	1.1	2.2	2.3	.9												64	64	90	2
36/ 35		.6	.7	1.8	1.6	.4												45	45	101	4
34/ 33		.9	.6	1.7	2.6	.3												50	50	112	22
32/ 31		.3	.8	1.9	2.8													52	52	78	22
30/ 29	.3	.3	1.3	2.3	.6													48	45	63	29
28/ 27	.1	.8	.8	2.4	.8													44	44	47	43
26/ 25			1.3	2.4	.7													40	40	56	61
24/ 23		.2	.4	.9														14	14	55	38
22/ 21		.4	1.4	1.4														30	30	51	83
20/ 19			.8	1.1														17	17	30	116
18/ 17			.1	.2														3	3	26	75
16/ 15		.4	.4															8	8	18	77
14/ 13		.3	.6															8	8	10	65
12/ 11																				7	36
10/ 9																				5	88
8/ 7																					31
6/ 5																					26

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
APR — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 3																				30
/ 1																				31
/ -1																				6
-?/ -3																				12
-1/ -5																				13
-(/ -7																				12
- / -9																				7
-1 /-11																				8
-1 /-13																				2
TOTAL	.6	4.4	11.5	21.8	21.6	19.8	10.7	6.0	2.6	.9	.2							900		899
																	899		809	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1744994	37450	41.7	14.350	899							
Dry Bulb	1468648	35072	39.0	10.648	900		26.1	.5	.1			90
Wet Bulb	930790	28022	31.2	7.991	899		44.6					90
Dew Point	323756	14644	16.3	9.741	899	6.0	87.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | APR MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73												.3						3	3		
72/ 69										.2								2	2		
69/ 67									.2	.4								6	6		
67/ 65									.1	.1								2	2		
64/ 63									.1									1	1		
62/ 61								.1	.3									4	4		
60/ 59								.8	.4	.3								14	14		
57/ 57							.1	.7	.3									10	10		
55/ 55							.3	1.2	1.1									24	24		
54/ 53					.1		.7	1.6	.1									22	22	2	
52/ 51					.3	.7	.7	1.8	.2									33	33	7	
50/ 49					.4	1.9	3.7	.2										56	56	3	
48/ 47				.4	1.2	4.1	3.3	.6										87	87	6	
46/ 45				.3	2.0	2.4	2.2	.7										69	69	9	
44/ 43			.6	.6	1.9	4.2	.9											73	73	27	
42/ 41			.1	.8	2.8	4.1	.2											72	72	35	
40/ 39		.4	.1	1.1	2.9	2.3												62	62	75	
38/ 37		.4	1.3	1.6	1.4	.6												45	45	119	1
36/ 35		.4	.9	1.0	2.7	.7												51	51	90	12
34/ 33		.2	.1	.9	3.2	.6												45	45	111	15
32/ 31		.2	.3	2.2	2.2													45	45	86	34
30/ 29	.1	.9	.9	2.4	1.1													49	49	83	27
28/ 27		.1	.3	3.2	.6													40	40	53	37
26/ 25		.8	1.3	1.9	.4													37	37	64	63
24/ 23		.1	.4	.8														12	12	52	41
22/ 21			.6	1.0														18	18	88	69
20/ 19			.1	.9														9	9	31	106
18/ 17		.1	.1	.3														5	5	12	82
16/ 15		.2	.3															5	5	12	82
14/ 13																				8	62
12/ 11		.3																3	3	4	44
10/ 9																				3	51
8/ 7																					40
6/ 5																					27

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AWS 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | APR MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 3																				30
/ 1																				22
/ -1																				11
/ -3																				9
-/ -5																				14
- / -7																				7
- / -9																				8
- / -11																				6
TOTAL	.1	4.0	7.2	19.4	23.6	21.6	12.1	7.6	3.0	1.1		.3						900		900
																	900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1587139	35733	39.7	13.687	900							
Dry Bulb	1561437	36337	40.4	10.245	900		21.9	1.1	.3			90
Wet Bulb	975529	28818	32.0	7.662	900		41.6					90
Dew Point	326461	14825	16.5	9.566	900	5.5	87.2					90

USAFETAC FORM 0-26-5 (OLA) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71											.1							1	1		
6 / 67									.1	.1								2	2		
6/ 65									.2									2	2		
4/ 63								.1	.2									3	3		
2/ 61								.1	.1									2	2		
/ 59							.2		.3									5	5		
/ 57							.2	.4	.1									7	7		
5 / 55						.2	.2	.3	.1									12	12		
4/ 53						.2	.8	.3	.1									13	13		
2/ 51					.1	.4	.7	.8										16	18	2	
0/ 49				.1	.4	.9	2.0	.3										34	34	6	
/ 47				.1	1.1	2.7	1.2	.1										47	47	3	
4/ 45			.1	.7	1.9	3.6	1.0											65	65	6	
4/ 43			.1	1.3	2.0	3.3	.4											65	65	19	
2/ 41		.2	.8	1.6	3.8	2.7	.2											83	83	26	
0/ 39				1.7	4.2	1.4												66	66	45	
/ 37		.7	.7	2.4	2.9	.4												64	64	90	2
/ 35		.6	1.2	2.1	1.8	.3												54	54	86	13
3/ 33		.8	1.7	2.2	1.1	.1												53	53	105	16
2/ 31		.1	1.1	3.1	1.9													56	56	93	28
/ 29		.7	1.7	2.4	.4													47	47	75	32
28/ 27	.3	.6	1.6	3.8	.1													57	57	58	41
26/ 25		.4	1.6	3.0	.3													48	48	60	64
24/ 23		.4	.9	1.1														22	22	58	42
22/ 21		.1	.8	1.2														19	19	52	84
20/ 19			1.9	1.0														26	26	37	103
18/ 17			.3	.8														10	10	27	88
16/ 15		.3	.3															6	6	18	67
14/ 13			.6															5	5	16	62
12/ 11			.1															1	1	5	32
10/ 9		.3	.1															4	4	8	40
8/ 7			.3															3	3	1	45
6/ 5																				2	23
4/ 3																				2	23

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
./ 1																					23
./ -1																					17
-./ -3																					13
-3/ -5																					14
-./ -7																					7
-8/ -9																					0
-1 /-11																					6
-1 /-13																					4
-14/-15																					4
-1 /-19																					1
TOTAL	.3	5.2	15.8	28.7	22.1	16.3	7.0	3.0	1.3	.1	.1								900		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	199863	40514	45.0	13.947	900							
Dry Bulb	1322525	33259	37.0	10.196	900		30.4	.3				90
Wet Bulb	871785	27065	30.1	8.024	900		51.2					90
Dew Point	336227	14835	16.5	10.099	900	7.2	86.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 59								.1										1	1		
/ 57							.3											3	3		
5 / 55						.1		.2										3	3		
4/ 53					.2													2	2		
2/ 51					.2		.3											5	5		
50/ 49					.1	.6	.1											7	7		
4 / 47				.2	.7	.6	.1											14	14	1	
4 / 45				.4	.6	.8												16	16	6	
4/ 43			.2	.3	1.0	.2												16	16	2	
42/ 41			.6	2.9	1.8	.1												48	48	7	
40/ 39		.4	1.2	2.3	2.0	.1												55	55	23	
3 / 37		.3	1.6	3.2	1.1													62	62	30	1
/ 35		1.0	2.3	4.4	1.4													83	83	52	9
34/ 33		1.7	3.1	3.1	.9													79	79	70	13
2/ 31		1.7	5.0	4.1	.3													100	100	97	28
/ 29		2.3	3.7	1.9														71	71	111	23
2 / 27	.1	1.7	3.3	2.1														65	65	101	56
26/ 25	.1	1.4	4.0	1.4														63	63	83	61
24/ 23		1.0	.8	.9														24	24	71	48
2/ 21		.8	2.7	.8														38	38	56	85
2 / 19	.2	1.0	2.6	.9														42	42	27	.19
1 / 17		.1	1.9															18	18	40	41
1 / 15		1.1	1.3															22	22	33	67
1 / 13		1.0	1.3															21	21	31	50
1 / 11		.3	1.0															12	12	18	40
1 / 9	.1	.7	.2															9	9	14	41
/ 7		.4	.2															6	6	15	21
/ 5		.3																3	3	7	15
/ 3		.4																4	4	3	34
/ 1		.3																3	3	5	32
/ -1		.2																2	2	3	16
/ -3																				1	18
/ -5		.3																3	3		22
/ -7																				3	8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
APR — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
- / -9																					6
-1 /-11																					6
-1 /-13																					4
-1 /-15																					3
-1 /-17																					2
-1 /-19																					3
- /-21																					7
- 2/-23																					1
TOTAL	.618	.737	.029	.810	.3	2.4	.9	.3										900	900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2953382	50042	55.6	13.789	900							
Dry Bulb	917471	27339	30.4	9.838	900	.5	50.6					90
Wet Bulb	672124	23356	26.0	8.569	900	.7	70.9					90
Dew Point	331952	14122	15.7	11.080	900	9.6	87.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | APR MONTH

 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
74/ 73											.0	.0							4	4		
72/ 71											.0								2	2		
70/ 69										.0									2	2		
68/ 67									.1	.1									11	11		
66/ 65									.1	.0									10	10		
64/ 63								.1	.1	.0									10	10		
62/ 61								.0	.1										11	11		
60/ 59							.1	.1	.2	.1									32	32		
58/ 57						.0	.1	.2	.1	.0									37	37		
56/ 55						.1	.2	.4	.2										60	60		
54/ 53					.0	.1	.4	.5	.1										82	82	3	
52/ 51					.1	.3	.6	.6	.0										116	116	14	
50/ 49				.0	.2	.7	1.3	.2											173	173	17	
48/ 47				.2	.6	1.7	1.0	.2											260	260	19	
46/ 45			.0	.3	1.1	1.8	.6	.1											286	286	34	
44/ 43			.2	.6	1.3	2.0	.3												308	308	83	
42/ 41		.0	.3	1.2	2.1	1.3	.1												359	359	138	
40/ 39		.2	.8	1.3	2.1	.8													372	372	264	
38/ 37	.0	.5	1.4	2.0	1.3	.3													393	393	436	6
36/ 35	.0	.7	2.0	2.1	1.3	.2													455	455	505	47
34/ 33	.1	1.3	2.1	1.8	1.2	.1													467	467	628	94
32/ 31	.1	1.7	3.0	2.9	1.0														626	629	613	210
30/ 29	.3	1.6	2.8	1.6	.3														481	482	636	244
28/ 27	.1	1.4	2.1	1.9	.3														419	420	556	369
26/ 25	.1	1.5	2.6	1.5	.2														422	422	606	492
24/ 23	.1	1.3	1.1	.6															223	223	892	352
22/ 21	.1	1.5	1.7	.9															303	303	436	565
20/ 19	.2	1.8	1.8	.9															332	332	327	816
18/ 17	.2	.8	1.3	.4															191	191	290	584
16/ 15	.1	.9	1.1	.0															150	150	287	563
14/ 13	.0	.7	.9																117	117	196	490
12/ 11		.8	.6																103	103	123	351
10/ 9	.0	.7	.3																75	75	134	318
8/ 7	.0	.6	.2																60	60	101	236

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
APR — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 5	.3	.5	.0															39	39	63	147
[illegible] 3	.3	.6																43	43	46	203
[illegible] 1		.9																63	63	50	241
[illegible] -1	.2	.2																27	28	55	150
-[illegible] -3	.0	.2																16	16	23	11[illegible]
-[illegible] -5	.0	.2																14	14	8	138
-[illegible] -7	.0	.1																8	8	14	114
-[illegible] -9	.2																	13	13	18	78
-[illegible] -11	.1																	7	7	7	66
-1[illegible] -13	.1																	4	4	4	48
-1[illegible] -15	.1																	4	4	4	44
-1[illegible] -17	.1																	4	4	4	28
-1[illegible] -19																					25
-[illegible] -21																					16
-2[illegible] -23																					11
-2[illegible] -25																					12
-2[illegible] -27																					12
-2[illegible] -29																					5
-[illegible] -31																					2
TOTAL	.2	2.2	0.5	2.6	4.1	9.9	13.2	9.5	4.7	2.3	.9	.3	.0	.0					7200		7194
																		7194		7194	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21869774	377124	52.4	17.087	7194							
Dry Bulb	8380610	228548	31.7	12.506	7200	9.8	375.0	1.9	.4			720
Wet Bulb	5763808	190434	26.5	10.024	7194	13.7	505.7					720
Dew Point	2549763	107529	14.9	11.447	7194	86.7	705.3					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 65								.1										1	1		
4/ 63							.1											1	1		
2/ 61								.1										1	1		
/ 59				.1		.1		.1										3	3		
/ 57			.1			.3	.3	.2										9	9		
5/ 55			.2	.2	.1	1.1	.3											18	18		
4/ 53			.1	.2	.2	.6	.4	.1										16	16	2	
2/ 51		.2	.4	.4	.9	1.2	.4											33	33	5	
50/ 49		.2	.5	.6	1.6	1.0	.9											45	45	8	3
4 / 47		.4	.9	2.4	1.6	1.2	.1											61	61	15	5
4 / 45	.3	.2	2.7	3.1	2.3	1.0	.1											90	90	37	7
4/ 43		.8	1.9	4.5	2.5	.9												98	98	81	10
2/ 41	.5	1.6	4.5	4.8	1.1	.2												119	119	93	25
40/ 39	.9	2.2	5.8	3.1	.8	.1												119	119	111	23
38/ 37	.4	1.4	5.9	2.5	.4													99	99	159	54
/ 35	.9	2.5	3.5	2.0	.5													88	88	140	76
34/ 33	.4	1.5	2.9	1.4	.6													64	64	127	86
2/ 31	.2	1.7	1.3	1.3	.4													86	86	71	145
/ 29		.1	1.0	.2	.2													14	14	65	110
2/ 27			.2															2	2	28	103
2/ 25				.3														3	3	16	82
24/ 23																				9	47
2/ 21																				1	56
/ 19																				2	27
1 / 17																					33
1/ 15																					11
14/ 13																					9
1/ 11																					6
/ 7																					4
/ 5																					5
/ 3																					3
TOTAL	3.7	12.8	32.0	27.3	13.2	7.6	2.7	.6										930	930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3986793	59149	63.62	5.558	930							
Dry Bulb	1635735	38551	41.5	6.370	930		6.5					93
Wet Bulb	1267393	33979	36.5	5.282	930		19.2					93
Dew Point	843288	27208	29.3	7.153	930		64.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAY — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 63								.1										1	1		
2/ 61							.1											1	1		
/ 59								.2										2	2		
5 / 57								.1										1	1		
5 / 55				.2	.6	.1		.1										10	10		
4/ 53			.3	.2	.5	.3	.2											15	15		
2/ 51		.1	.2	.3	.8	.4	.4											21	21	1	
50/ 49		.2	.4	1.2	1.2	.6	.4											38	38	11	
4 / 47		.2	1.2	1.2	1.9	.9	.2											52	52	12	6
46/ 45		.4	2.7	1.9	1.2													58	58	24	6
44/ 43	.5	.1	2.2	3.8	1.8	.4												82	82	41	11
42/ 41	.1	1.7	4.5	4.3	1.2	.3												113	113	61	13
40/ 39	.9	1.9	6.1	2.4	.3													108	108	89	33
3 / 37	.9	2.9	6.9	1.9	.3													120	120	141	38
3 / 35	.4	3.4	5.9	2.2	.2													113	113	148	70
34/ 33	1.1	2.7	4.2	1.3	.2													88	88	149	79
2/ 31	.3	3.6	2.4	1.4														71	71	86	152
30/ 29		.5	1.2	.4	.1													21	21	88	113
2 / 27		.1	.8	.1														9	9	38	111
24/ 25			.2	.1														3	3	24	89
24/ 23			.1	.1														2	2	11	48
22/ 21																				2	66
20/ 19																				3	28
18/ 17																					26
16/ 15																					16
14/ 13																					8
12/ 11																					5
10/ 9																					7
8/ 7																					4
TOTAL	4.2	18.0	39.3	23.0	10.4	3.1	1.4	.5											929		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	43534 J2	62092	66.9	18.802	929							
Dry Bulb	1500064	36876	39.7	6.254	929		10.6					93
Wet Bulb	1192449	32919	35.4	5.290	929		25.2					93
Dew Point	822159	26879	28.9	6.922	929		67.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | MAY MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 65									.1	.2								3	3		
4/ 63						.1		.2	.6									9	9		
2/ 61					.2		.4	.6	.2	.1								15	15		
/ 59					.2	.4	.4	.2	.1									13	13		
5/ 57			.2	.1	.1	.5	1.1	.1	.3									23	23		
5/ 55			.1	.4	.5	1.7	.8	.9										41	41	1	
4/ 53			.2	.4	1.5	2.4	1.1	.9										60	60	4	
2/ 51			.5	.9	2.8	2.9	1.5											80	80	9	
5/ 49			.6	2.3	3.2	3.7	.9											99	99	22	2
3/ 47		.6	1.2	3.7	3.8	2.0	.6											111	111	81	6
4/ 45		.5	2.6	4.5	3.4	.6	.1											110	110	72	13
4/ 43	.3	1.1	3.1	3.2	1.6	.6												93	93	120	11
2/ 41	.1	.5	2.9	3.6	1.4	.5	.1											85	85	159	30
40/ 39	.3	1.2	2.9	1.7	.4	.2												63	63	147	36
3 / 37	.2	.6	1.2	2.5	.8	.1												50	50	134	75
2/ 35	.3	.5	1.5	1.0	.2	.4												37	37	72	94
34/ 33	.1	.6	1.0	.5	.3													24	24	54	102
2/ 31		.1	.8		.2													10	10	48	186
/ 29					.1													1	1	23	88
2/ 27				.1														1	1	18	80
2/ 25																				5	90
2/ 23																				2	35
2/ 21																				1	45
/ 19																					35
1 / 17																					11
1/ 15																					8
1/ 13																					2
1 / 11																					1
1/ 9																					2
/ 7																					2
/ 5																					6
4/ 3																					5
TOTAL	1.4	5.9	18.9	24.9	20.9	16.4	7.0	2.9	1.4	.3								928	928	928	928

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3169164	52160	56.2	16.003	928							
Dry Bulb	2038197	43031	46.4	6.800	928		1.2					93
Wet Bulb	1484969	36811	39.7	5.171	928		9.3					93
Dew Point	913191	28341	30.5	7.170	928		56.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73								.1			.2	.1						4	4		
72/ 71								.1		.3	.3	.1	.1					9	9		
70/ 69									.1	.5	.2	.1						9	9		
68/ 67							.1	.1	.6	.5	.3							16	16		
66/ 65							.2	.3	.8	1.4								25	25		
64/ 63						.2	.6	.6	1.2	.3								28	28		
62/ 61						.4	.4	3.0	1.6	.6								57	57		
60/ 59				.4	.3	.2	1.7	2.6	1.9	.4								71	71	2	
58/ 57					.1	1.8	3.8	2.3	1.2									85	85	1	
56/ 55			.1	.1	.8	3.4	4.9	2.9	.4									118	118	1	
54/ 53			.4	.3	1.9	2.2	5.1	1.9										110	110	19	
52/ 51			.5	1.2	2.6	4.3	2.0	.6										105	105	33	1
50/ 49			1.2	1.6	2.7	3.1	1.3	.1										93	93	40	5
48/ 47		.2	.5	1.5	.9	1.4	.3	.1										46	46	122	6
46/ 45	.2	.4	.5	1.2	1.8	.6	.4	.1										50	50	160	11
44/ 43		.3	.6	1.1	.5	.8	.2											34	34	172	13
42/ 41		.3	.4	1.1	.5	.2	.3											27	27	158	24
40/ 39	.4	.2	.6	.4		.6	.1											23	23	87	34
38/ 37	.1	.1	.6	.2	.3	.2												15	15	57	64
36/ 35			.2		.1													3	3	31	93
34/ 33			.1	.1														2	2	24	95
32/ 31																				10	129
30/ 29																				10	98
28/ 27																				3	99
26/ 25																					90
24/ 23																					36
22/ 21																					50
20/ 19																					38
18/ 17																					14
16/ 15																					7
14/ 13																					7
12/ 11																					3
10/ 9																					2
8/ 7																					5

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
M/ 5																					2
M/ 3																					4
TOTAL	.3	1.6	6.1	9.2	12.6	19.6	21.6	14.9	7.8	4.2	1.1	.3	.1					930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1960122	80150	83.2	15.624	930							
Dry Bulb	2716382	49812	53.6	7.217	930			3.8	.4			93
Wet Bulb	1761889	40233	43.3	8.795	930		2.3					93
Dew Point	893858	28038	30.1	7.247	930		58.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
7 / 77									.1	.1								2	2		
76 / 75									.1			.0	.4					13	13		
74 / 73											.4	.9	.1					13	13		
72 / 71										.3	.4	.1						8	8		
/ 69								.3	.3	.2	.9							16	16		
69 / 67							.2	.2	.9	1.5	1.3							38	38		
67 / 65						.1	.2	.8	1.3	2.4	.2							46	46		
64 / 63							.5	1.1	3.8	1.	.4							72	72		
62 / 61						.2	.4	1.5	4.6	1. .								76	76	1	
6 / 59				.2		.4	2.8	2.3	3.8	.6								94	94	2	
/ 57			.2	.2	.5	1.3	4.7	4.4	2.5									129	129	1	
5 / 55			.1		1.2	1.5	4.1	4.0	1.1									111	111	5	
4 / 53		.2	.2	.8	.8	2.8	2.8	1.8	.1									88	88	38	
2 / 51			.5	.9	1.8	1.9	1.3	.8	.2									69	69	43	
50 / 49	.1			.5	1.7	.6	.6	.8										41	41	86	8
/ 47		.1	.3	.8	.9	.5	.9	.1										33	33	147	8
45 / 45	.2	.4	.4	.4	1.1	.4	.1	.1										30	30	167	14
44 / 43		.2	.2	.4	.6	.4	.4											22	22	193	9
42 / 41			.4	.6	.3	.4	.3											20	20	126	23
40 / 39	.3		.1	.2	.2													8	8	48	31
3 / 37				.1														1	1	37	40
/ 35																				23	70
34 / 33																				9	91
32 / 31																				12	127
30 / 29																				2	91
28 / 27																					99
26 / 25																					105
24 / 23																					59
22 / 21																					50
20 / 19																					52
18 / 17																					22
16 / 15																					9
14 / 13																					7
12 / 11																					2

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

 1200-1800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 7																					7
/ 5																					3
/ 3																					2
/ -1																					1
TOTAL	.5	1.0	2.6	5.2	9.1	10.8	19.5	18.1	18.7	8.5	3.7	1.8	.5					930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1875487	38371	37.0	8.869	930							
Dry Bulb	3086222	53142	57.1	7.306	930			9.0	2.8			93
Wet Bulb	1883725	41633	44.8	8.635	930		1.4					93
Dew Point	650871	27265	29.3	7.998	930	.1	63.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAY — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 77										.1			.2					3	3		
76/ 75									.1	.1		.8	1.2					20	20		
74/ 73											.5	.2	.2					9	9		
72/ 71								.4	.2	.4	.9	.3						21	21		
70/ 69									.2	.3	1.8	.1						23	23		
68/ 67									.8	2.6	.9							39	39		
66/ 65							.2	.2	1.2	2.7	.6							46	46		
64/ 63						.1	.2	1.5	3.4	2.9	.8							83	83		
62/ 61						.2	.5	1.6	4.7	2.3								89	89		
60/ 59				.1	.4	.5	1.5	3.1	3.2	1.2								94	94	3	
58/ 57			.1	.2	.8	.8	2.3	4.0	2.7	.1								101	101	6	
56/ 55			.1	.1	1.1	2.4	3.0	4.2	.6									107	107	1	
54/ 53			.6	.5	1.1	3.1	1.2	1.7	.2									79	79	38	
52/ 51		.1		.2	2.3	1.5	.9	.9	.2									56	56	46	
50/ 49		.2	.3	.9	2.5	1.3	.5	.3										56	56	98	3
48/ 47		.5	.4	1.0	.4	1.2	.5	.1										39	39	145	11
46/ 45		.2	.5	.4	.9	.5	.3	.2										29	29	174	17
44/ 43		.1		.9	.2	.5	.3											19	19	189	10
42/ 41			.3	.2	.1	.2												8	8	106	22
40/ 39	.3			.1	.3	.1												8	8	52	30
38/ 37																				39	38
36/ 35				.1														1	1	11	70
34/ 33																				13	64
32/ 31																				6	120
30/ 29																				1	79
28/ 27																					108
26/ 25																					110
24/ 23																					59
22/ 21																					54
20/ 19																					55
18/ 17																					24
16/ 15																					14
14/ 13																					6
12/ 11																					2

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK 73-82 MAY
STATION STATION NAME YEARS MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 5																					6
[illegible] / 7																					7
[illegible] / 5																					1
TOTAL	.3	1.2	2.5	4.7	10.0	12.5	11.5	18.5	17.6	12.7	5.5	1.4	1.6						930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1818819	33833	35.9	15.281	930							
Dry Bulb	3167138	53816	57.9	7.552	930			11.5	3.2			93
Wet Bulb	1909841	41877	45.0	9.541	930		.9					93
Dew Point	836591	27029	29.1	7.812	930		69.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75												.2	.5					7	7		
74/ 73									.1			.4	.1					6	6		
72/ 71									.2	.3	.5	.5						15	15		
70/ 69							.1	.3	.1	.4	.4							13	13		
68/ 67						.1	.1	.1	.2	1.4	.1							19	19		
66/ 65							.1		1.5	2.0	.4							38	38		
64/ 63							.6	1.2	2.6	1.0	.4							54	54		
62/ 61						.1	.5	2.8	3.7	.9								74	74		
60/ 59					.2	.5	1.2	5.4	2.0	.5								92	92		
58/ 57				.2	.5	.5	2.8	2.7	1.6	.1								79	79	4	
56/ 55			.1	.6	1.0	2.3	3.8	2.0	1.0									100	100	5	
54/ 53		.3	.2	.5	1.3	2.7	3.1	2.3	.1									98	98	13	
52/ 51		.4	.8	1.0	2.4	1.5	2.2	1.1	.1									87	87	43	1
50/ 49			.5	1.3	3.7	2.5	1.6	.3										92	92	94	4
48/ 47		.6	.3	2.3	1.8	1.1	.2	.2										61	61	111	9
46/ 45			.6	1.0	.9	.6	.2											31	31	184	16
44/ 43		.2	.2	.5	.8	.6	.2											24	24	154	19
42/ 41		.2	.1	.8	.1	.4	.2											17	17	136	23
40/ 39	.3	.1	.4	.2	.3	.4												17	17	99	35
38/ 37					.1	.1												2	2	42	42
36/ 35						.2												2	2	27	76
34/ 33					.1													1	1	8	100
32/ 31																				11	127
30/ 29																				4	104
28/ 27																				2	77
26/ 25																				2	103
24/ 23																					54
22/ 21																					44
20/ 19																					40
18/ 17																					19
16/ 15																					14
14/ 13																					7
12/ 11																					2
10/ 9																					7

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 7																				2
/ 5																				3
/ 3																				1
TOTAL	.3	1.9	3.3	8.4	13.1	13.8	17.0	18.4	13.2	6.7	1.9	1.2	.6				929	929	929	929

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1742310	37852	40.3	15.827	929							
Dry Bulb	2901295	51463	55.4	7.373	929			6.0	1.3			93
Wet Bulb	1025805	40954	44.1	4.688	929		1.9					93
Dew Point	879930	27742	29.9	7.449	929		60.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAY — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 69									.1	.1								2	2		
[illegible] / 67								.1	.1									2	2		
[illegible]6/ 65					.1		.2	.1	.3	.1								8	8		
4/ 63					.1	.1	.1	.3	.2	.1								9	9		
2/ 61						.2	.1	1.2	.3									17	17		
[illegible]/ 59				.3	.1	.5	1.3	.9										29	29		
[illegible]/ 57				.1	.2	.6	1.8	1.0	.2									37	37	2	
[illegible]/ 55					.9	1.5	2.2	.9										50	50	2	
4/ 53		.1	.3	.5	1.7	3.8	1.4	.5										79	79	6	
2/ 51		.5	1.0	.5	2.6	3.9	1.6	.2										96	96	10	2
[illegible]/ 49		.2	1.4	1.8	3.2	2.9	1.0	.1										99	99	34	1
[illegible]/ 47	.2	.1	1.3	2.8	3.5	2.7	.9											107	107	60	15
[illegible]/ 45	.[illegible]	.6	2.3	5.5	2.3	1.8	.1											122	122	90	15
[illegible]/ 43	.[illegible]	.3	2.3	4.2	2.6	.9	.2											107	107	142	20
2/ 41		.3	1.1	2.4	1.[illegible]	.3												47	47	149	27
[illegible]0/ 39	.1	1.1	1.7	1.4	1.2	.2												53	53	149	36
[illegible]/ 37	.3	.2	1.2	1.0	.4	.3												32	32	117	78
[illegible]/ 35	.1	.1	.5	.6	.4	.2												19	19	71	75
[illegible]/ 33			.4	.4	.2													10	10	90	104
[illegible]/ 31			.1		.2													3	3	28	171
[illegible]/ 29				.1														1	1	15	62
[illegible]/ 27				.1														1	1	9	80
[illegible]/ 25																				2	57
[illegible]/ 23																				3	54
[illegible]/ 21																				1	32
[illegible]/ 19																					37
[illegible]/ 17																					14
[illegible]/ 15																					6
[illegible]/ 13																					9
[illegible]/ 11																					1
[illegible]/ 9																					4
[illegible]/ 7																					2
[illegible]/ 5																					4
[illegible]/ 3																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PAGE 2 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.4	4.6	13.5	21.9	20.8	20.0	10.9	5.3	1.3	.3								930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2687738	49588	53.3	16.210	930							
Dry Bulb	2202494	44826	48.2	6.718	930		.5	.8				93
Wet Bulb	1570521	37919	40.8	5.130	930		5.8					93
Dew Point	936519	28703	30.9	7.388	930		55.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
MAY — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
7 / 77									.0	.0			.0					5	5		
76/ 75									.0	.0		.2	.3					40	40		
74/ 73								.0	.0		.1	.2	.1					32	32		
72/ 71								.1	.1	.2	.3	.1	.0					53	53		
7 / 69							.0	.1	.1	.2	.4	.0						63	63		
6 / 67						.0	.1	.1	.3	.8	.3							114	114		
66/ 65					.0	.0	.1	.2	.6	1.1	.2							167	167		
4/ 63					.0	.1	.3	.6	1.5	.8	.2							257	257		
2/ 61					.0	.1	.3	1.4	1.9	.7								330	330	1	
0/ 59				.1	.2	.3	1.1	1.8	1.4	.3								398	398	7	
7 / 57			.1	.1	.3	.7	2.1	1.8	1.1	.0								464	464	14	
56/ 55			.1	.2	.3	1.7	2.4	1.9	.4									555	555	15	
4/ 53		.1	.3	.5	1.1	2.2	1.9	1.2	.1									545	545	120	
2/ 51		.2	.5	.7	2.0	2.2	1.3	.4	.1									547	547	190	4
50/ 49	.0	.1	.6	1.3	2.5	2.0	.9	.2										563	563	393	26
8 / 47	.0	.4	.8	1.9	1.9	1.4	.5	.1										510	510	653	66
6 / 45	.2	.4	1.5	2.3	1.7	.7	.2	.1										520	520	908	99
4/ 43	.1	.5	1.3	2.3	1.3	.6	.2											479	479	1042	103
42/ 41	.1	.6	1.8	2.2	.7	.3	.1											436	436	988	187
40/ 39	.4	.8	2.2	1.2	.4	.2	.0											399	399	772	258
3 / 37	.2	.7	2.0	1.0	.3	.1												319	319	726	429
3 / 35	.2	.8	1.5	.7	.2	.1												263	263	523	624
34/ 33	.2	.6	1.1	.5	.2													189	189	424	781
2/ 31	.1	.7	.6	.3	.1													130	130	274	1117
3 / 29		.1	.3	.1	.1													37	37	208	765
2 / 27		.0	.1	.0														13	13	94	757
/ 25			.0	.1														6	6	49	726
24/ 23			.0	.0														2	2	25	393
2/ 21																				5	397
/ 19																				5	312
17 / 17																					163
16/ 15																					87
14/ 13																					55
12/ 11																					24

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 / 9																				21
-/ 7																				29
-/ 5																				31
-/ 3																				21
/ -1																				1
TOTAL	1.6	5.9	14.8	15.6	13.8	13.0	11.4	9.9	7.5	4.1	1.5	.6	.4					7436		7436
																	7436		7436	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	20998035	368391	49.5	9.209	7436							
Dry Bulb	19247527	371517	50.0	9.604	7436		18.8	30.7	7.7			744
Wet Bulb	12891595	306325	41.2	6.755	7436		66.0					744
Dew Point	6976903	221197	29.7	7.303	7436	.1	490.2					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JUN — MONTH

PAGE 1
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 71									.2	.1								3	3		
[illegible] / 65						.1	.1											2	2		
[illegible] / 63						.4	.2											6	6		
[illegible] / 61					.7	.7	.1											13	13		
[illegible] / 59				.2	.5	.9	.7											21	21		
[illegible] / 57			.6	1.7	2.3	.7	.8											54	54		
5[illegible] / 55	.2	.1	.8	3.6	3.0	.6	.2											76	76	5	2
[illegible] / 53	.3	.9	3.6	4.9	1.7	.9												110	110	32	4
[illegible] / 51		2.2	6.6	4.3	2.4	.2												142	142	51	3
[illegible] / 49	.1	2.3	7.4	4.7	1.7	.2												148	148	132	26
[illegible] / 47	.4	3.0	3.4	3.3	1.2	.1												104	104	173	75
[illegible] / 45	.2	2.9	3.2	2.2	.6													82	82	169	96
[illegible] / 43		1.7	4.2	1.1	.1													64	64	117	123
[illegible] / 41	.1	1.2	1.9	.7	.2													37	37	87	135
[illegible] / 39		1.4	1.3	.3														28	28	65	113
[illegible] / 37		.7	.1	.2														9	9	44	90
[illegible] / 35		.1																1	1	19	89
34 / 33																				5	64
[illegible] / 31																				1	47
[illegible] / 29																					18
[illegible] / 27																					7
[illegible] / 25																					8
TOTAL	1.4	16.6	33.1	27.2	14.4	4.8	2.1		.2	.1								900		900	
																		900	900		

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4539436	62878	69.9	12.766	900							
Dry Bulb	2288634	45128	50.1	5.359	900			.3				90
Wet Bulb	1872205	40861	45.4	8.358	900		.1					90
Dew Point	1483477	36217	40.2	5.385	900		8.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71										.1								1	1		
7 / 69									.2									2	2		
4/ 63					.2	.1												3	3		
2/ 61				.1	.1													2	2		
6 / 59				.1	.6	1.0												15	15		
5 / 57			.2	2.0	1.2	.8	.1											39	39		
5 / 55		.1	1.2	3.3	1.6	.6	.1											62	62	3	
4/ 53	.3	.7	3.0	4.8	1.2	.4	.1											93	93	18	4
2/ 51	.2	3.0	6.6	4.0	1.0	.3												136	136	54	4
0/ 49	.1	2.1	8.9	6.0	1.6	.1												169	169	111	24
8/ 47	.4	3.6	5.4	4.0	1.4													134	134	163	80
4 / 45	.2	3.7	3.2	2.1	.2													85	85	167	94
4/ 43	.1	2.1	4.9	1.4	.1													78	78	136	109
2/ 41		1.2	2.9	.8														44	44	92	148
1/ 39		1.0	1.2	.3	.2													25	25	88	113
3 / 37		.6	.3	.1														9	9	41	89
3 / 35			.3															3	3	17	95
3 / 33																				9	69
2/ 31																				1	40
3 / 29																					15
2 / 27																					8
2 / 25																					4
2 / 23																					2
2/ 21																					2
TOTAL	1.4	18.0	38.2	29.1	9.2	3.3	.3		.2	.1								900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4753621	68589	71.7	1.789	900							
Dry Bulb	2205931	44335	49.3	4.940	900			.3				90
Wet Bulb	1832666	40930	44.9	4.279	900		.1					90
Dew Point	1478683	36163	40.2	5.334	900		7.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JUN — MONTH
PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 77									.1									1	1		
4/ 73								.1		.1								2	2		
72/ 71							.1	.1		.1								3	3		
7 / 69						.1		.1	.7									8	8		
6 / 67						.3	.3	.4	.1									11	11		
6/ 65					.3	.7	.8	.4	.1									21	21		
4/ 63					.4	1.2	.8	.9	.2									32	32		
2/ 61				.3	1.2	3.1	1.0	.2										53	53	3	
0/ 59			.2	2.1	3.1	2.9	1.7	.1										91	91	2	
/ 57	.1	.2	1.3	4.1	3.0	2.9	.6	.1										111	111	9	1
5/ 55	.1	.4	2.6	3.6	4.8	2.3	.3											127	127	34	4
4/ 53	.1	1.3	3.3	3.9	2.9	1.4	.1											118	118	100	6
2/ 51		1.7	4.8	3.1	3.8	.7												126	126	148	20
50/ 49		.7	3.3	3.3	.9	.2	.1											77	77	150	56
8/ 47	.1	2.3	1.8	1.9	.2	.1												58	58	155	96
4/ 45		1.7	1.3	.4	.1													32	32	146	130
44/ 43		.4	.8	.4	.3													18	18	88	126
2/ 41		.1	.1	.1	.2													5	5	35	105
40/ 39		.3																3	3	14	113
/ 37			.1															1	1	6	90
36/ 35			.2															2	2	6	86
34/ 33																				2	25
2/ 31																					22
3 / 29																					8
2/ 27																					3
3 / 25																					1
24/ 23																					7
2/ 21																					1
TOTAL	.4	9.2	19.9	23.3	21.3	16.0	5.8	2.6	1.2	.2								900	900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3778326	56872	63.2	14.327	900							
Dry Bulb	2730096	49298	54.8	5.755	900			2.5	.3			90
Wet Bulb	2118060	43498	48.3	4.186	900							90
Dew Point	1599563	37627	41.8	5.425	900		4.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
4/ 83													.1					1	1		
2/ 81											.1							1	1		
/ 79											.1	.1						2	2		
7 / 77										.1	.2	.1						4	4		
76/ 75									.2	.4	.2							8	8		
4/ 73									.6	.4	1.1							19	19		
2/ 71							.4	.6	1.1	.6	.6	.1						30	30		
/ 69						.3	.7	2.0	1.0	1.0	.2							47	47		
6 / 67						.6	1.8	2.2	1.9	.4								62	62		
.6/ 65					.6	1.9	2.8	2.8	1.4	.2								67	87		
4/ 63				.3	.9	3.1	3.0	2.7	.9									98	98		
2/ 61				.8	2.3	2.9	3.2	2.4	.2									107	107	2	
/ 59		.2	.7	1.4	1.9	2.6	1.8	.6										82	82	14	
/ 57			1.0	1.4	2.2	3.2	1.8	.1										88	88	47	
5 / 55		.3	1.9	1.1	1.9	2.1	.8											73	73	108	2
4/ 53		.6	1.4	1.8	2.2	.7	.2											62	62	159	5
2/ 51		.6	2.7	.7	.9	.4	.1											48	48	152	36
0/ 49		.3	1.3	1.2	.3	.1	.7											36	36	141	89
8/ 47		.6	.8	.6	.1	.1												19	19	132	86
6/ 45		1.2	.2	.2	.1													16	16	79	111
4/ 43			.2	.1	.1													4	4	36	100
2/ 41		.1			.1													2	2	10	113
0/ 39		.2		.1														3	3	8	98
8/ 37				.1														1	1	8	91
6/ 35																				1	94
4/ 33																				2	89
2/ 31																				1	33
0/ 29																					15
8/ 27																					6
6/ 25																					6
2/ 21																					4
0/ 19																					2
TOTAL		4.1	10.2	9.9	13.7	18.0	17.2	13.3	7.3	3.2	2.6	.3	.1					900	900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2627450	46354	51.5	16.339	900							
Dry Bulb	3327939	54353	60.4	7.110	900			17.4	3.5	.3		90
Wet Bulb	2325056	45576	50.6	9.360	900		.1					90
Dew Point	1552735	36991	41.1	6.000	900		6.6					90

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JUN — MONTH
PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
4/ 83													.4					4	4		
2/ 81												.1	.2					3	3		
/ 79											.4	.9	.1	.1				14	14		
7 / 77									.3	.1	.2	.3	.1					10	10		
76/ 75									.2	1.3	1.7	.7	.1					36	36		
74/ 73							.1	.2	1.3	1.6	.9	.4						41	41		
72/ 71							.4	1.8	2.9	.9	1.3	.1						67	67		
70/ 69						.1	1.2	2.0	3.0	2.1	1.2							87	87		
68/ 67						.6	1.8	2.8	3.2	1.8								91	91		
6/ 65				.1	.7	.9	2.0	2.2	2.6	.9								84	84		
64/ 63			.1	.1	1.0	1.8	1.7	3.1	1.1									80	80	1	
2/ 61				.3	1.6	2.2	1.9	2.4	.2									78	78	5	
58/ 59			.6	.9	1.2	2.0	2.8	.9										75	75	27	
56/ 57			.4	1.6	1.3	2.8	.9	.1	.1									65	65	84	
54/ 55		.6	.8	1.4	.6	1.7	.2	.2										49	49	131	2
52/ 53		.3	.8	1.3	1.1	.1	.4	.1										38	38	138	3
2/ 51	.1		1.2	1.2	.9	.3	.1											35	35	173	28
50/ 49			.8	.7	.1	.3	.2											19	19	136	42
48/ 47		.3	.6	.7														14	14	103	56
46/ 45		.4			.1	.1												6	6	57	86
44/ 43		.1	.1		.1	.1												4	4	28	119
42/ 41																				9	91
40/ 39																				3	96
38/ 37																				2	106
36/ 35																				3	134
34/ 33																					62
32/ 31																					51
30/ 29																					26
28/ 27																					13
26/ 25																					8
24/ 23																					1
22/ 21																					6
TOTAL	.1	1.8	5.3	8.3	8.7	13.0	13.8	15.9	15.0	8.7	5.8	2.6	1.0	.1				900	900		900
																				900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2002690	39888	44.3	16.163	900							
Dry Bulb	3709649	57369	63.7	7.661	900			35.3	10.8	1.4		90
Wet Bulb	2419012	46502	51.7	4.259	900							90
Dew Point	1868861	35931	39.9	6.189	900		10.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — JUN MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85														.3				3	3		
84/ 83													.3					3	3		
82/ 81													.1					1	1		
80/ 79											.3	.6	.8					12	12		
78/ 77											1.1	.6	.7					21	21		
76/ 75									.6	1.7	2.1	.8	.1					47	47		
74/ 73									1.2	1.8	1.9	.3	.1					48	48		
72/ 71								.8	4.1	1.6	1.1	.3						71	71		
70/ 69							.3	.9	3.1	2.7	1.7	.1						79	79		
68/ 67						.2	1.4	2.9	2.9	2.2	.1							88	88		
66/ 65				.1	.2	1.2	2.4	2.6	2.7	.2								85	85		
64/ 63				.1	.8	2.1	1.9	2.1	1.9									80	80		
62/ 61				.9	.9	1.6	2.9	2.6	.1									80	80	3	
60/ 59			.3	1.6	2.0	1.8	2.0	.9	.2									79	79	16	
58/ 57			1.7	1.6	1.7	1.0	1.3											65	65	74	
56/ 55		.3	.8	1.6	1.6	1.1												48	48	147	
54/ 53			.7	.7	1.1	1.1	.5											35	35	194	3
52/ 51		.1	.4	1.1	1.0	.6	.1											30	30	152	20
50/ 49			1.1	.2	.1	.1												14	14	139	97
48/ 47		.1		.3		.1												5	5	91	88
46/ 45				.1	.1	.2												4	4	50	87
44/ 43			.1	.1														2	2	17	102
42/ 41																				11	111
40/ 39																				2	97
38/ 37																				3	102
36/ 35																				1	85
34/ 33																					84
32/ 31																					71
30/ 29																					17
28/ 27																					16
26/ 25																					10
24/ 23																					1
22/ 21																					3

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JUN — MONTH
PAGE 2
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		.6	5.1	8.3	9.4	11.1	12.8	12.7	16.8	10.1	8.3	2.7	1.8	.3				900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1860752	38914	42.7	15.684	900							
Dry Bulb	3793962	58044	64.5	7.496	900			37.3	13.5	1.0		90
Wet Bulb	2435232	46680	51.9	3.960	900							90
Dew Point	1442259	35621	39.6	6.005	900		11.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | JUN MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 83														.1				1	1		
2/ 81												.1	.1					2	2		
/ 79											.3	.2	.3					8	8		
7 / 77										.2	.2	.4	.2					10	10		
6/ 75								.1	.2	.6	.7	.3	.4					21	21		
4/ 73								.1	1.1	1.1	.8	.4						32	32		
2/ 71							.2	1.4	2.3	2.2	.9	.4						68	68		
/ 69							.4	1.8	1.8	1.2	.9	.1						56	56		
6/ 67						.1	1.3	2.4	2.7	1.8	.1							76	76		
6/ 65					.4	.8	2.6	3.0	2.8	.7								92	92		
4/ 63				.2	1.2	2.8	2.2	2.6	1.3									93	93		
2/ 61			.1	.7	1.4	3.1	2.7	2.3	.1									98	98	4	
/ 59			.4	1.8	1.6	2.8	1.6	1.2										84	84	14	
/ 57		.2	1.0	2.8	1.7	1.6	1.3	.1										78	78	60	
5 / 55		.3	1.2	1.7	1.8	1.4												58	58	120	1
4/ 53		.8	1.2	1.0	1.7	1.1	.2											54	54	192	4
2/ 51		.1	.2	1.9	.8	.6												32	32	146	36
0/ 49		.2	1.4	.4	.3	.1												23	23	172	93
/ 47			.2	.6	.1	.1												9	9	85	71
4/ 45			.2			.2												4	4	62	98
4/ 43			.6															5	5	24	86
2/ 41																				12	117
/ 39																				6	99
7/ 37																				1	92
/ 35																				2	90
3/ 33																					69
2/ 31																					48
/ 29																					24
/ 27																					12
/ 25																					4
0/ 23																					1
2/ 21																					5
TOTAL		1.7	6.7	11.0	11.3	14.7	12.6	15.1	12.3	7.8	3.9	2.1	1.1	.1				900	900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2201821	92043	46.7	16.264	900							
Dry Bulb	3582335	56907	62.7	7.235	900			27.4	7.4	.9		90
Wet Bulb	2390584	46296	51.4	3.983	900							90
Dew Point	1499829	36327	40.4	6.109	900		9.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JUN — MONTH

2100-2300 — HOURS (L. S. T.)

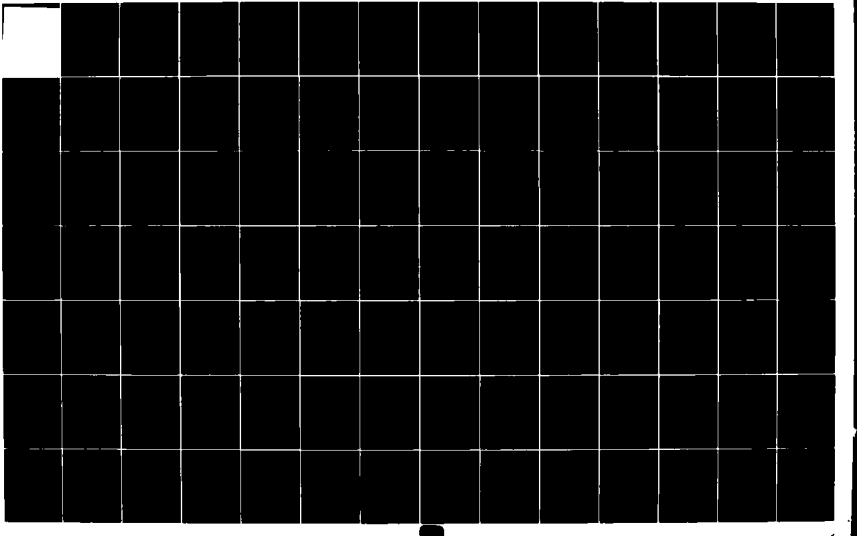
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
7 / 77										.1								1	1		
6 / 75										.2								2	2		
4 / 73									.3									3	3		
2 / 71									.4									4	4		
/ 69							.3	.6	.9									16	16		
6 / 67						.2	1.0	1.0	.4	.1	.1							26	26		
67 65					.4	.6	1.7	1.3	.4									40	40		
4 / 63					1.1	2.1	1.7	1.3	.2	.1								56	56		
2 / 61				.4	2.3	2.6	2.4	1.6	.1									82	82		
59		.1	.4	2.1	3.6	2.8	2.1	.5	.1									106	106	3	
57		.4	1.6	3.7	3.2	3.1	1.6											122	122	19	
55		.4	2.9	3.9	3.6	2.3	.7											124	124	56	3
47 53		1.0	3.0	3.7	2.8	.6	.1											100	100	117	7
2 / 51	.1	.8	3.0	2.2	1.8	.4												75	75	159	25
50 49	.2	1.0	2.2	2.1	1.2													61	61	169	63
47		1.2	1.9	1.0	.3													40	40	149	94
47 45		.2	.8	.8	.1													17	17	103	127
4 / 43		.4	.9		.4													16	16	60	104
2 / 41		.2	.4		.1													7	7	35	119
/ 39		.1	.1															2	2	10	107
37																				7	68
/ 35																				3	77
33																					48
2 / 31																					23
/ 29																					5
/ 27																					4
/ 25																					5
24 / 23																					1
TOTAL	.3	6.0	17.2	19.9	20.7	14.7	11.6	6.0	3.0	.6	.1							900	900	900	900

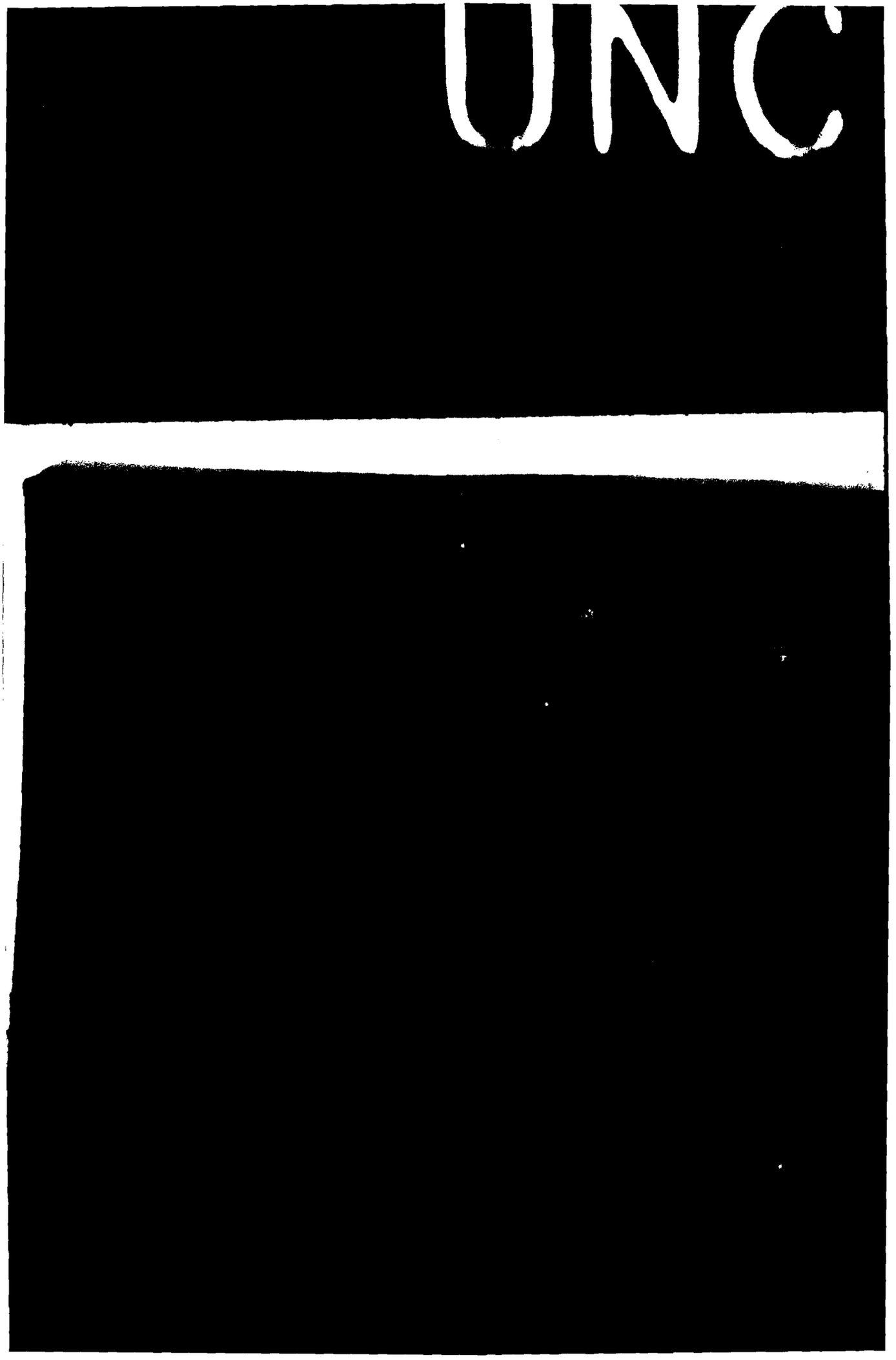
Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3386211	53497	59.4	15.148	900							
Dry Bulb	2925561	51017	56.7	6.117	900			5.2	.6			90
Wet Bulb	2196762	44310	49.2	4.116	900							90
Dew Point	1600275	37633	41.8	5.447	900		3.8					90

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

AD-A134 198 EIELSON AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 22 JUL 83 5/6

UNCLASSIFIED USAFETAC/DS-83/027 SBI-AD-E850 416 F/G 4/2 NL

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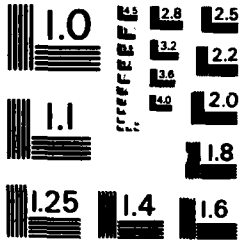


MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
6/ 85														.0				3	3		
4/ 83													.1	.0				9	9		
2/ 81											.0	.0	.1					7	7		
/. 79											.2	.2	.1	.0				36	36		
7-/ 77									.1	.1	.2	.2	.1					47	47		
26/ 75								.0	.2	.5	.6	.2	.1					118	118		
24/ 73							.0	.1	.6	.6	.6	.2	.0					145	145		
2/ 71							.2	.6	1.4	.7	.5	.1						247	247		
7 / 69						.1	.4	.9	1.3	.9	.5	.0						295	295		
6 / 67						.3	1.0	1.5	1.4	.8	.0							358	358		
6/ 65				.0	.3	.8	1.5	1.5	1.3	.3								411	411		
4/ 63			.0	.1	.7	1.7	1.4	1.5	.7	.0								448	448	1	
2/ 61			.0	.4	1.3	2.0	1.9	1.4	.1									509	509	17	
/. 59		.0	.3	1.3	1.9	2.1	1.6	.5	.0									553	553	76	
/ 57	.0	.1	1.0	2.3	2.1	2.0	1.0	.1	.0									622	622	293	1
5./ 55	.0	.3	1.5	2.5	2.3	1.5	.3	.0										617	617	614	14
4/ 53	.1	.7	2.1	2.8	1.8	.8	.2	.0										610	610	950	36
2/ 51	.1	1.1	3.2	2.3	1.6	.4	.0											624	624	1035	172
50/ 49	.1	.8	3.3	2.3	.8	.2	.1											547	547	1150	350
4./ 47	.1	1.4	1.8	1.5	.4	.1												383	383	1051	602
4./ 45	.1	1.3	1.1	.7	.2	.1												246	246	833	829
4/ 43	.0	.6	1.5	.4	.2	.0												191	191	506	869
2/ 41	.0	.4	.7	.2	.1													95	95	291	939
4./ 39		.4	.3	.1	.0													61	61	196	836
3./ 37		.2	.1	.1														20	20	114	748
1./ 35		.0	.1															6	6	52	720
3 / 33																				18	470
2/ 31																				3	335
/ 29																					128
/ 27																					69
/ 25																					40
2./ 23																					19
2/ 21																					21
/ 19																					2

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JUN — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.5	7.2	17.0	17.1	13.6	11.9	9.5	8.2	7.0	3.8	2.6	1.0	.5	.1				7200	7200		7200

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	25150307	404495	56.2	18.357	7200							
Dry Bulb	24564107	415951	57.8	8.614	7200			125.7	36.1	3.6		720
Wet Bulb	17589577	354103	49.2	9.923	7200		.3					720
Dew Point	12125642	292510	40.6	5.798	7200		61.4					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK 73-82 JULY
STATION STATION NAME YEARS MONTH

 0000-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71							.1											1	1		
70/ 69						.1			.2									3	3		
68/ 67					.2	.2	.1	.1										6	6		
66/ 65					.2	.1	.5	.1										9	9		
64/ 63		.1	.2	.8	.3	1.1	.2											25	25	1	1
62/ 61	.1	.1	.5	1.2	1.0	1.4		.1										41	41	2	1
60/ 59	.2	.5	2.0	2.4	1.6	.8	.1	.1										72	72	10	2
58/ 57	.2	2.5	4.0	5.2	1.7	.5	.1											132	132	29	11
56/ 55		4.1	5.3	4.9	1.6	.1												149	149	80	16
54/ 53		4.5	7.1	3.7	.6													148	148	140	61
52/ 51	.1	4.6	5.6	1.5	.8	.1												118	118	167	67
50/ 49		5.6	4.6	1.5	.4													113	113	180	120
48/ 47		3.1	1.5	1.2	.2													56	56	142	151
46/ 45		2.7	.6	.3														34	34	86	160
44/ 43		.5	.3	.2														10	10	50	112
42/ 41		.1	.6	.2														9	9	24	96
40/ 39		.1	.3															4	4	9	40
38/ 37																				8	22
36/ 35																				2	20
34/ 33																					14
32/ 31																					14
TOTAL	.6	28.6	32.8	23.0	8.7	4.9	1.2	.4	.2										930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5812016	69970	75.2	12.610	930							
Dry Bulb	2795216	50319	54.1	9.995	930			1.0				93
Wet Bulb	2336626	46452	49.9	9.205	930							93
Dew Point	1999115	42851	46.1	5.156	930		1.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — JUL MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 69					.1													1	1		
6[illegible] / 67					.1													1	1		
6[illegible] / 65					.3													3	3		
4[illegible] / 63			.3	.2	.1	.1	.3											10	10		
[illegible]2 / 61			.4	.6	.5	1.1												25	25	2	
[illegible]0 / 59	.2	.9	1.4	1.3	.5	.4												44	44	6	3
5[illegible] / 57	.2	1.5	3.1	1.9	.9	.3												74	74	22	4
5[illegible] / 55	.4	4.2	5.4	5.4	1.4	.3												159	159	49	26
4[illegible] / 53		4.1	5.8	4.5	1.5													148	148	98	43
2[illegible] / 51		6.8	7.7	2.7	.5													165	165	142	72
5[illegible] / 49		5.5	7.1	2.0	.1													137	137	181	115
4[illegible] / 47		5.6	2.6	1.1	.2													88	88	180	140
4[illegible] / 45		3.5	.4	.4														41	41	134	146
[illegible]4 / 43		.4	.5	.6														15	15	68	122
[illegible]2 / 41		.8	.4	.1														12	12	20	127
4[illegible] / 39	.1	.2	.2															5	5	15	58
3[illegible] / 37		.1	.1															2	2	9	30
3[illegible] / 35																				4	18
34 / 33																					11
[illegible]2 / 31																					14
[illegible] / 29																					1
TOTAL	1.0	33.5	35.6	21.0	6.3	2.3	.3												930		930
																		930		930	

Element (X)	$\Sigma X'$	$\bar{X}$	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5715073	72101	77.5	11.610	930							
Dry Bulb	2586676	48866	52.5	4.529	930			.2				93
Wet Bulb	2239788	45480	48.9	4.107	930							93
Dew Point	1946199	42279	45.5	5.098	930		1.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — JUL MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75							.1											1	1		
74/ 73						.1			.3									4	4		
72/ 71						.1		.1	.1	.1								4	4		
70/ 69				.1		.3	.2	.9	.1									15	15		
6 / 67					.4	.9	1.2	.3										26	26		
66/ 65			.2	.6	1.4	1.1	1.3	.9										47	47		
4/ 63		.1	.3	1.4	2.2	2.0	1.0	.3										68	68	3	
2/ 61		.5	1.0	2.9	3.4	2.5	.6											102	102	5	1
0/ 59	.1	1.2	3.4	5.6	3.1	1.0	.1											135	135	32	6
58/ 57	.1	2.8	5.5	4.4	2.3	1.0	.1											150	150	79	12
56/ 55	.1	3.9	6.3	4.4	1.9	.2												157	157	149	43
4/ 53		2.8	3.3	2.6	.6	.1												88	88	217	77
2/ 51	.1	3.0	3.4	.6	.4	.2												73	73	174	118
50/ 49		1.3	1.6	.3	.2	.1												33	33	135	167
48/ 47		1.0	.6	.1														16	16	71	134
46/ 45		.6	.1	.2														9	9	41	128
44/ 43		.1																1	1	15	103
42/ 41		.1																1	1	6	80
40/ 39																				3	25
38/ 37																					17
36/ 35																					6
34/ 33																					8
32/ 31																					3
30/ 29																					2
TOTAL	.4	17.4	25.9	23.3	16.0	9.6	4.6	2.0	.5	.1								930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4708541	64863	69.7	18.099	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3143090	53852	57.9	5.169	930			5.0	.5			93
Wet Bulb	2567710	48740	52.4	3.786	930							93
Dew Point	2123181	44203	47.5	4.885	930		.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JUL — MONTH

PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 83												.1						1	1		
2/ 81									.1	.1	.1							3	3		
?/ 79						.1		.1	.3	.2	.2							9	9		
7?/ 77							.2	.2	.3	.4	.1	.1						13	13		
76/ 75						.1	.2	.6	.9	.9	.5							30	30		
74/ 73						.2	.4	1.3	2.2	.5	.1							44	44		
72/ 71					.1	.4	2.7	2.2	2.5									73	73		
70/ 69					1.3	2.3	1.9	3.5	.8	.3								94	94	1	
68/ 67				.3	1.5	1.8	3.3	1.0	.3									77	77	1	
66/ 65			.4	1.5	2.8	3.0	1.8	1.2	.2									102	102	7	
64/ 63		.3	.4	2.0	3.0	2.6	1.4	.2	.1									94	94	15	1
62/ 61		.1	1.1	2.4	4.1	1.8	.5	.1	.1									95	95	51	4
60/ 59		1.3	2.3	3.5	1.9	1.0	.1	.1										95	95	111	5
58/ 57		.8	2.7	2.6	2.2	.1	.1											78	78	164	31
56/ 55		1.2	1.9	2.0	.9	.1	.3											60	60	220	59
54/ 53		.3	.8	1.3	.1	.1	.1											25	25	157	64
52/ 51		.6	1.0	.3	.2													20	20	93	133
50/ 49		.8	.2	.1														10	10	52	140
48/ 47		.8																7	7	36	124
46/ 45																				17	132
44/ 43																				5	109
42/ 41																					65
40/ 39																					30
38/ 37																					13
36/ 35																					8
34/ 33																					3
32/ 31																					6
30/ 29																					3
TOTAL		6.1	10.8	16.1	18.1	13.7	13.2	10.5	7.7	2.5	1.1	.2						930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.	3329077	53681	57.7	15.753	930							
Dry Bulb	3867776	59652	64.1	6.690	930			34.4	10.0	.8		93
Wet Bulb	2857006	51412	55.3	9.000	930			.2				93
Dew Point	2158664	44542	47.9	5.223	930		.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87													.3					3	3		
86/ 85											.1	.2	.1					4	4		
84/ 83						.1				.4	.6							11	11		
82/ 81					.1			.1	.4	.5	.3	.1	.1					16	16		
80/ 79						.2		.1	.8	.8	1.6	1.1						42	42		
78/ 77					.1			.3	1.0	2.2	1.3	.4						49	49		
76/ 75							.5	.9	1.6	2.8	1.2	.2						67	67	1	
74/ 73					.1	.3	.5	2.0	3.3	1.0	.2							70	70	1	
72/ 71					.3	.5	2.2	3.7	2.3	.6	.2							91	91	2	1
70/ 69				.1	.5	2.6	2.6	2.0	1.1	.1								88	88	1	1
68/ 67				.2	1.0	2.0	3.9	1.4	.9									87	87	4	2
66/ 65		.1		1.0	1.9	3.2	1.4	1.9	.3	.1								93	93	15	
64/ 63		.1	.8	1.3	3.3	2.7	1.1	.1	.4									91	91	41	1
62/ 61		.3	.6	1.6	2.6	1.2	.3	.2										68	68	63	2
60/ 59		.5	.9	2.0	1.5	1.1	.1											60	60	165	8
58/ 57		.1	.5	1.6	.9	.1	.4	.1										35	35	205	23
56/ 55		.1	.9	.4	.6	.1	.1											21	21	154	47
54/ 53		.6	.9	.6	.2	.1												23	23	126	60
52/ 51		.6		.3														9	9	75	109
50/ 49		.2	.2															4	4	39	129
48/ 47		.2	.1															3	3	20	139
46/ 45			.2															2	2	12	142
44/ 43																				4	96
42/ 41																				1	77
40/ 39																					38
38/ 37																					18
36/ 35																					14
34/ 33																					9
32/ 31																					9
30/ 29																					4
TOTAL		3.0	5.1	9.3	23.6	14.3	23.1	12.9	12.1	8.5	5.6	2.0	.5						929		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2547500	46428	50.0	15.687	929							
Dry Bulb	4335814	63078	67.9	7.550	929			52.5	26.2	5.6		93
Wet Bulb	2984908	52510	56.5	9.265	929			.9	.2			93
Dew Point	2102796	43886	47.2	5.650	929		1.3	.4				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
JUL — MONTH

PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 89														.2				2	2		
88/ 87											.1	.1	.2	.2				6	6		
[illegible] / 85										.1		.2	.1					4	4		
[illegible] / 83									.1		.5	.3						9	9		
[illegible] / 81						.1				.9	.4	.5	.2					20	20		
[illegible] / 79				.1		.2		.2	.2	.5	1.7	2.5	.4					55	55		
78/ 77							.1	1.0	2.0	1.3	2.2	.4						65	65		
76/ 75				.1			.1	1.3	2.2	3.5	.2	.2						71	71	1	
74/ 73					.1	.1	.8	1.9	4.1	1.4	.9							86	86		1
[illegible] / 71					.4	.4	2.2	2.6	1.4	.1	.3							69	69	3	
[illegible] / 69				.1	.1	1.5	2.2	2.2	1.2	.3	.3							73	73	1	1
68/ 67				.4	1.3	2.6	2.3	1.4	.8	.4								85	85	5	2
66/ 65		.1	.2	1.0	1.7	3.2	2.2	.4	.1	.2								85	85	9	1
[illegible] / 63		.2		1.1	1.8	3.5	1.3	.3	.1									78	78	51	1
62/ 61	.1	.8	.6	1.3	3.5	1.3	1.0	.1										81	81	79	7
[illegible] / 59		.6	1.3	1.2	.3	.9	.3	.5										48	48	144	11
[illegible] / 57		.1	1.1	1.3	.2	.5	.2	.2										34	34	227	20
56/ 55		.3	1.3	.4	.2													21	21	148	37
[illegible] / 53		.6	.4	.6														16	16	120	62
[illegible] / 51		.8	.1	.5														13	13	66	107
[illegible] / 49		.2	.3	.2														7	7	40	118
[illegible] / 47		.2																2	2	19	146
[illegible] / 45																				13	146
[illegible] / 43																				4	67
[illegible] / 41																					82
[illegible] / 39																					50
[illegible] / 37																					20
[illegible] / 35																					16
[illegible] / 33																					15
[illegible] / 31																					15
[illegible] / 29																					3
[illegible] / 27																					2
TOTAL	.1	4.0	5.4	8.4	9.8	14.4	12.5	12.2	12.2	8.8	6.7	4.3	1.0	.4				930	930		930
																				930	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2495927	45481	48.9	17.102	930							
Dry Bulb	4425145	63733	68.5	7.868	930			54.5	31.8	7.3		93
Wet Bulb	3002076	52690	56.7	4.262	930			1.0	.1			93
Dew Point	2082698	43646	46.9	6.080	930		2.0	.4	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 89														.1				1	1		
88/ 87													.1					1	1		
86/ 85												.1						1	1		
84/ 83											.3	.1						4	4		
82/ 81								.1	.2	.2	.3	.2	.1					11	11		
80/ 79								.3	.4	.5	.5	.6	.1					24	24		
78/ 77							.2	.5	.9	1.7	.6	.8						44	44		
76/ 75							.2	1.7	1.6	1.6	.3	.2						53	53		
74/ 73				.1	.1		.9	2.3	4.4	.9	.3	.2						85	85		
72/ 71				.1	.4	.5	1.7	2.4	1.7	.6	.3							73	73		
70/ 69				.1	.8	1.4	2.2	2.8	1.2	.3	.2							83	83		
68/ 67			.2	.3	.6	1.9	2.0	.9	.5	.2								63	63	3	
66/ 65		.1	.3	1.6	2.3	2.9	1.4	.8	.3									90	90	13	1
64/ 63		.1	.9	1.5	2.4	2.3	.9	.3	.1									78	78	32	3
62/ 61	.1	1.0	1.1	1.8	3.5	1.6	.9		.1									94	94	75	5
60/ 59		.9	1.8	4.1	.9	1.5	.4	.1										90	90	137	13
58/ 57		.2	1.1	1.9	.4	.5	.6											45	45	189	38
56/ 55		1.0	1.6	1.3	.3	.2	.1											42	42	171	44
54/ 53		.8	.3	.5		.1												16	16	143	65
52/ 51		1.0	.2	.2	.1													14	14	71	117
50/ 49			.9															8	8	52	143
48/ 47		.6	.1	.3														10	10	16	129
46/ 45																				22	111
44/ 43																				6	103
42/ 41																					61
40/ 39																					32
38/ 37																					22
36/ 35																					17
34/ 33																					9
32/ 31																					16
30/ 29																					2
28/ 27																					2
TOTAL	.1	5.6	8.5	14.0	11.8	13.0	11.5	12.2	11.5	6.1	3.0	2.3	.3	.1				930	930	930	930

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2966976	49928	53.7	17.562	930							
Dry Bulb	4140955	61657	66.3	7.569	930			48.3	22.4	2.9		93
Wet Bulb	2936628	52112	56.0	9.222	930			.3				93
Dew Point	2131590	44180	47.5	5.942	930		2.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]2650 EIELSON AFB AK 73-82 JUL

STATION STATION NAME YEARS MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 81												.1							1	1		
[illegible]/ 79										.1									1	1		
78/ 77									.1		.1	.1							3	3		
76/ 75						.1		.3											4	4		
74/ 73						.1	.3	.1	.2	.1									8	8		
72/ 71						.1	1.0	1.2	.5										26	26		
70/ 69				.2	.1	.9	.8	1.3	.2	.2	.1								35	35		
68/ 67				.5	.8	2.4	1.7	1.0	.1	.1									61	61		
66/ 65			.4	1.5	1.6	2.3	1.3		.4										70	70	1	
64/ 63			1.0	1.3	2.9	2.2	.8	.3											78	78	4	
62/ 61		.4	1.0	4.0	3.5	1.5	.4	.1											102	102	24	1
60/ 59	.3	1.0	4.3	5.1	2.4	.9	.3												132	132	65	9
58/ 57	.1	2.8	5.8	4.6	1.6	.5													144	144	117	29
56/ 55		2.5	3.8	3.7	1.3	.2													106	106	187	46
54/ 53		2.6	2.2	1.4	.4	.1													62	62	206	77
52/ 51		2.0	1.8	1.2	.1	.2													50	50	135	151
50/ 49		.8	1.0	.1	.2														19	19	89	173
48/ 47		.8	.4	.3															14	14	54	137
46/ 45		.5	.3	.5															13	13	25	103
44/ 43			.1																1	1	15	93
42/ 41																					6	41
40/ 39																					2	23
38/ 37																						21
36/ 35																						12
34/ 33																						9
32/ 31																						4
28/ 27																						1
TOTAL	.4	13.3	22.0	24.4	14.9	11.4	6.6	4.3	1.6	.5	.2	.2							930	930		930
																			930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4384133	62299	67.0	15.065	930							
Dry Bulb	3366684	58674	59.9	6.031	930			13.9	1.7	.1		93
Wet Bulb	2682157	49803	53.6	4.035	930							93
Dew Point	2178390	44758	48.1	5.117	930		.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 265C (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
9 / 89														.0				3	3		
8/ 87											.0	.0	.1	.0				10	10		
6/ 85										.0	.0	.1	.0					9	9		
4/ 83						.0			.0	.1	.2	.1						25	25		
2/ 81					.0	.0		.0	.1	.2	.1	.1	.1					51	51		
0/ 79				.0		.1		.1	.2	.3	.5	.5	.1					131	131		
7 8/ 77					.0		.1	.3	.5	.7	.5	.2						174	174		
6/ 75				.0		.0	.1	.6	.8	1.1	.3	.1						226	226	2	
4/ 73				.0	.0	.1	.4	1.0	1.8	.5	.2	.0						297	297	1	1
2/ 71				.0	.2	.3	1.2	1.5	1.1	.2	.1							337	337	5	1
0/ 69				.1	.4	1.1	1.2	1.6	.6	.2	.1							388	388	3	2
6 8/ 67			.0	.2	.7	1.5	1.8	.8	.3	.1								806	806	13	4
6/ 65		.0	.2	.9	1.5	2.0	1.2	.6	.2	.0								499	499	45	2
4/ 63		.1	.5	1.2	2.0	2.1	.9	.2	.1									522	522	147	7
2/ 61	.0	.4	.8	2.0	2.8	1.5	.5	.1	.0									604	604	301	21
0/ 59	.1	.9	2.2	3.1	1.6	.9	.2	.1										676	676	670	54
5 / 57	.1	1.3	3.0	2.9	1.3	.5	.2	.0										692	692	1032	168
5 / 55	.1	2.2	3.3	2.8	1.0	.2	.1											715	715	1158	318
4/ 53		2.0	2.6	1.9	.4	.1	.0											526	526	1207	509
2/ 51	.0	2.4	2.5	.9	.3	.1												862	862	923	894
50/ 49		1.8	2.0	.5	.1	.0												331	331	768	1105
8 / 47		1.5	.7	.4	.1													196	196	538	1100
4 / 45		.9	.2	.2														99	99	350	1068
2/ 43		.1	.1	.1														27	27	167	805
2/ 41		.1	.1	.0														22	22	57	631
1/ 39	.0	.0	.1															9	9	29	296
3 / 37		.0	.0															2	2	17	163
3 / 35																				6	111
34/ 33																					78
2/ 31																					81
3 / 29																					15
2 / 27																					5
TOTAL	.3	14.0	16.3	17.4	12.4	10.4	7.9	6.8	5.7	3.3	2.1	1.1	.2	.1				7439	7439		7439
																		7439		7439	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	31559243	464751	62.5	18.421	7439							
Dry Bulb	28611356	456826	61.4	8.660	7439			205.7	92.6	16.7		744
Wet Bulb	21606899	399199	53.7	9.983	7439			2.4	.3			744
Dew Point	16722593	350345	47.1	5.474	7439		10.1	.8	.1			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2850 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
AUG — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
67 / 67					.1	.1	.1											3	3		
66 / 65				.2		.1		.2										5	5		
64 / 63			.3	.5	.3	.2	.1	.1										15	15		
62 / 61		.1	.9	.8	.4	.6												26	26		
60 / 59		.4	1.2	1.6	.5	.2												37	37	10	1
58 / 57		.5	2.9	1.9	.9	.1												59	59	17	7
56 / 55	.2	1.9	4.2	3.0	.9	.1												96	96	35	13
54 / 53	.2	3.5	5.8	3.2	.5													124	124	78	25
52 / 51		4.3	5.9	1.7	.5	.1												117	117	133	57
50 / 49		6.3	5.6	1.4	.2													126	126	129	88
48 / 47		6.1	2.7	1.5	.1													97	97	147	147
46 / 45		3.3	2.6	.9	.4													67	67	122	131
44 / 43		2.9	2.8	.3														56	56	69	106
42 / 41		2.6	1.8															41	41	59	94
40 / 39		1.6	.5	.2														22	22	62	70
38 / 37		.6	.6	.2														14	14	26	67
36 / 35		.5	.9	.1														14	14	11	46
34 / 33		.4	.2	.1														7	7	17	25
32 / 31		.2	.2															4	4	9	19
30 / 29																				5	7
28 / 27																				1	14
26 / 25																					9
24 / 23																					1
22 / 21																					2
20 / 19																					1
TOTAL	.4	35.6	39.1	17.7	4.9	1.6	.2	.3											930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	5706330	72184	77.6	10.561	930							
Dry Bulb	2407793	46953	50.5	6.334	930		.4	.3				93
Wet Bulb	2085680	43722	47.0	5.700	930		1.5					93
Dew Point	1800156	40486	43.5	6.367	930		5.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] 550 EIELSON AFB AK 73-82 AUG
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
67 / 65							.1	.2										3	3			
47 / 63					.2													2	2			
27 / 61		.1	.1	.2	.4													8	8			
/ 59		1.0	.4	.9	.1		.1											23	23	2	1
/ 57		.9	1.6	1.0	.4													36	36	12	4
/ 55	.1	.8	3.4	1.6	.8													64	64	21	12
47 / 53	.5	2.4	6.0	2.3	.2													106	106	43	16
27 / 51		4.4	4.3	1.0	.2													101	101	62	25
/ 49		8.4	6.2	1.4	.1													150	150	132	80
/ 47	.2	6.6	3.0	1.9	.3													112	112	151	126
/ 45	.1	6.9	3.6	.4														102	102	131	132
47 / 43		3.0	1.8	.4														49	49	105	92
27 / 41		3.0	1.9	.2														48	48	67	111
/ 39	.1	3.0	2.0															48	48	45	93
/ 37		2.3	.8															28	28	57	70
/ 35		1.0	.9															17	17	27	50
37 / 33		1.4	.3															16	16	18	32
27 / 31		.4	.6															10	10	17	36
/ 29		.1																1	1	11	15
/ 27		.4																4	4	3	12
/ 25		.1																1	1	4	11
27 / 23																				1	3
27 / 21																					5
/ 19																					2
/ 17																					1
TOTAL	1.1	46.1	37.1	12.5	2.8		.2	.2											929		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6063166	74510	80.2	9.690	929							
Dry Bulb	2197273	44773	48.2	6.520	929		1.6					93
Wet Bulb	1938152	42062	45.3	6.028	929		3.6					93
Dew Point	1697053	39229	42.2	6.608	929		8.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
AUG — MONTH

PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 79										.1								1	1		
7/ 71								.1										1	1		
/ 69						.1	.1	.2										4	4		
8/ 67					.1	.3	.1	.3										8	8		
6/ 65			.1	.4	.6	.1	.1											13	13		
4/ 63			.1	.4	1.3	.5												22	22		
7/ 61		.1	.2	2.1	1.8	.3	.1											43	43	3	
/ 59		1.0	1.8	2.6	1.3	.4	.1											67	67	11	2
/ 57	.2	1.0	4.1	3.1	.6	.2												86	86	35	6
5/ 55	.1	.9	4.3	3.1	1.0	.3												95	95	75	19
4/ 53	.3	2.3	4.5	3.3	.6													104	104	106	34
2/ 51		3.4	5.3	1.8	.1	.1												100	100	105	79
1/ 49	.2	5.5	5.9	.9	.2	.1												119	119	128	112
/ 47	.4	4.5	2.5	.9	.1													78	78	142	123
4/ 45	.1	2.7	3.9	.3														65	65	108	129
4/ 43		1.5	1.5	.3														31	31	62	111
2/ 41		2.2	1.6	.2	.1													38	38	54	91
4/ 39		1.2	1.4															24	24	32	70
7/ 37		.6	.9															14	14	27	50
7/ 35		.8	.3	.1														11	11	22	34
3/ 33		.2	.2															4	4	13	23
2/ 31			.1															1	1	3	26
/ 29		.1																1	1	3	8
/ 27																				1	7
/ 25																					1
/ 23																					4
2/ 21																					1
TOTAL	1.4	27.8	38.7	19.6	8.6	2.6	.5	.6		.1									930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5501201	70725	76.0	11.492	930							
Dry Bulb	2557801	48345	52.0	6.932	930		.2	1.4	.1			93
Wet Bulb	2183195	44731	48.1	5.844	930		.7					93
Dew Point	1865929	41257	44.4	6.197	930		4.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK 73-82 AUG
STATION STATION NAME YEARS MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 79									.1	.2	.1							4	4		
7 / 77							.1	.2	.3		.1							7	7		
76 / 75							.1	.8	.4	.4								16	16		
4 / 73							.1	1.0	1.4									23	23		
2 / 71					.2	.4	1.0	1.1	.9	.1								34	34		
0 / 69						1.7	1.6	1.5	.1									46	46		
/ 67				.2	1.2	2.5	1.9	.4	.4									62	62		
6 / 65				.5	2.6	1.5	1.1	.1	.2									56	56	2	
4 / 63			.1	1.8	3.2	1.7	1.1	.3										77	77	7	
2 / 61			.3	2.9	3.0	2.2	.3		.1									82	82	28	
/ 59		1.0	1.7	3.4	2.3	1.3	.4	.2										96	96	68	
/ 57	.2	.4	1.6	2.0	2.9	.5	.3	.1										76	76	138	15
5 / 55		.6	1.8	3.2	1.8	.3	.1											74	74	130	27
4 / 53	.1	1.2	2.3	3.5	.5	.2	.1											74	74	113	69
2 / 51		2.8	4.2	1.3	.9	.2												87	87	103	110
50 / 49	.5	1.5	1.5	.9	.3	.1												45	45	130	131
/ 47		.8	1.7	1.3	.2	.2												39	39	98	118
4 / 45		.3	.5	.4														12	12	39	131
4 / 43		.3	.2	.2	.1	.2												10	10	37	113
2 / 41		.3	.5															8	8	23	86
4 / 39		.1	.1															2	2	12	40
/ 37																				7	33
/ 35																				2	22
3 / 33																				1	18
2 / 31																					10
/ 29																					6
2 / 27																					1
/ 25																					2
2 / 21																					1
/ 19																					1
1 / 17																					1
TOTAL	.9	9.4	16.7	21.8	19.2	13.1	8.3	5.7	4.0	.8	.2							930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3899941	58579	63.0	15.041	930							
Dry Bulb	3344838	55292	59.5	7.868	930			19.2	5.0	.1		93
Wet Bulb	2573094	48660	52.3	5.399	930							93
Dew Point	2002007	42805	46.0	5.853	930		2.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
AUG — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
87 / 85												.1						1	1		
85 / 83									.2	.2	.2	.2	.2					10	10		
83 / 81									.1	.9	.1	.1						11	11		
81 / 79								.3	.2	.4	.8	.3						19	19		
79 / 77								.2	.4	1.6	.4	.1	.1					27	27		
77 / 75							.1	1.1	1.4	1.3	.3							39	39		
75 / 73						.1		1.9	2.0	2.2	1.0	.2						69	69		
73 / 71							.5	2.0	2.0	1.2	.5	.2						61	61		
71 / 69					.1	.4	1.4	2.0	2.4	.8	.3							69	69		
69 / 67					.2	.6	1.6	2.7	1.6	.5								68	68	2	
67 / 65					.3	1.5	1.4	1.9	1.3	.1								61	61	7	
65 / 63				.2	1.2	1.3	2.3	2.4	.3	.3	.1							75	75	23	
63 / 61				.2	1.4	2.7	2.4	1.7	.6	.2								86	86	65	2
61 / 59			.2	1.9	1.7	2.8	2.3	.4	.3									90	90	109	4
59 / 57	.2			.9	1.9	1.5	1.3	.9										62	62	118	7
57 / 55	.1	.3	.9	1.3	2.3	1.0	.4											58	58	135	32
55 / 53		.5	.9	2.2	.5	.3	.2											43	43	134	58
53 / 51		.8	1.9	.5	.5	.3	.2											40	40	103	98
51 / 49		1.0	.6	.1	.3	.2												21	21	82	83
49 / 47			.4	.3	.2	.1												10	10	95	124
47 / 45			.4			.3												7	7	25	137
45 / 43																				23	127
43 / 41			.3															3	3	11	91
41 / 39																				3	54
39 / 37																				2	32
37 / 35																				3	27
35 / 33																					18
33 / 31																					13
31 / 29																					13
29 / 27																					5
27 / 25																					2
25 / 19																					3
TOTAL	.3	2.8	8.7	11.3	14.8	15.4	17.0	12.3	7.6	6.3	2.3	.9	.3					930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2794748	48906	52.6	15.491	930							
Dry Bulb	3901213	59723	64.2	8.423	930			37.4	17.6	3.0		93
Wet Bulb	2747183	50305	54.1	5.302	930			.2				93
Dew Point	1946734	42152	45.3	6.243	930		3.6					93

USAFETAC FORM 0-26-5 (OL A) AX 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — AUG MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 87											.1							1	1		
6/ 85										.2	.4		.1					7	7		
4/ 83											.1	.5	.2					8	8		
2/ 81										.5	.8	.9	.1					21	21		
/ 79									.4	1.0	1.2	.4						28	28		
7 / 77								.2	1.3	.5	1.4	.3	.1					37	37		
6/ 75								.6	2.4	1.7	.4							48	48		
4/ 73						.1	.5	2.3	1.2	.9	.5							51	51		
2/ 71					.2	1.2	.8	2.3	1.6	1.2	.1							68	68		
0/ 69				.3	.3	1.1	1.9	3.5	1.4	.3								83	83	2	
6 / 67					.4	1.8	2.7	.5	1.1	.1								62	62	1	
6/ 65			.1	.5	1.5	1.7	1.7	1.0	1.4	.5								79	79	5	
4/ 63				.6	.6	2.8	2.2	.9	.3	.1								70	70	36	
2/ 61			.2	1.5	1.6	2.3	.8	.8	.2									70	70	66	1
0/ 59			2.0	2.4	1.7	2.5	.4	.3	.2									89	89	107	7
8/ 57		.3	1.0	1.4	1.2	1.3	1.3	.2										62	62	119	4
56/ 55		.3	1.3	1.7	1.0	.3	.5											48	48	134	29
4/ 53			.5	2.0	.4		.1											29	29	149	58
2/ 51		.9	.9	.2	.6		.4											28	28	87	79
50/ 49		1.0	.8	.4	.4													24	24	97	94
48/ 47		.2	.1	.3		.1												7	7	59	124
46/ 45			.4	.1		.2												7	7	31	124
44/ 43			.1			.2												3	3	16	107
42/ 41																				16	99
40/ 39																					51
38/ 37																				2	40
36/ 35																				3	38
34/ 33																					29
32/ 31																					21
30/ 29																					6
28/ 27																					12
26/ 25																					2
24/ 23																					1
22/ 21																					4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
AUG — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		2.7	7.4	11.6	10.3	15.6	13.3	12.7	11.5	7.1	5.1	2.2	.5					930	930	930	930

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2553290	46352	49.8	16.175	930							
Dry Bulb	4041369	60776	65.4	8.657	930			41.4	20.1	5.0		93
Wet Bulb	2771425	50529	54.3	5.297	930			.3				93
Dew Point	1899848	41586	44.7	6.585	930		4.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
6/ 85										.1								1	1		
4/ 83									.1	.1	.1							3	3		
2/ 81									.1	.1	.2	.2						6	6		
/ 79									.4	.4	.2							10	10		
7 / 77								.2	.8	.5	.4		.1					19	19		
6/ 75						.1	.2	.5	.8	1.0		.1						25	25		
4/ 73							.9	1.5	1.0	.3	.1							35	35		
2/ 71					.3	.8	1.2	1.0	1.2	.1	.1							43	43		
0/ 69				.2	.8	1.2	1.4	1.3	.8	.1								53	53	1	
6/ 67				.5	1.4	2.5	1.9	1.0	.4	.1								73	73	1	
6/ 65				1.6	2.2	1.8	1.9	1.0	.2									81	81	3	
4/ 63			.4	1.7	.8	2.2	1.2	1.0	.2									69	69	23	
2/ 61		.2	1.2	2.3	2.3	1.0	1.1	.4	.1									88	88	53	1
/ 59		.2	2.2	2.6	1.7	1.5	.3	.4	.1									84	84	100	8
7/ 57		.1	2.7	2.0	2.4	.5	.4	.1										77	77	109	17
5/ 55		.9	2.5	2.5	1.4	.9	.3	.1										79	79	117	48
4/ 53		.6	1.6	2.7	.3	.4	.2											55	55	139	75
2/ 51		.5	2.5	.9	.6	.2												44	44	104	93
0/ 49		1.2	1.6	1.1	.2	.2												40	40	96	113
8/ 47		1.4	.3	.9	.2													26	26	77	105
6/ 45				.6	.1	.1												8	8	45	131
4/ 43		.1	.4		.2													7	7	28	103
2/ 41				.1	.1													2	2	18	74
0/ 39	.1			.1														2	2	9	46
8/ 37																				1	29
6/ 35																				4	41
4/ 33																				2	13
2/ 31																					12
0/ 29																					4
8/ 27																					7
6/ 25																					5
4/ 23																					1
2/ 21																					4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 94 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
AUG — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.1	5.3	15.4	19.8	14.9	14.3	11.1	8.5	6.1	2.9	1.2	.3	.1					930	930	930	930

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3430760	54504	58.6	15.955	930							
Dry Bulb	3608165	57417	61.7	8.255	930			26.8	9.9	1.3		93
Wet Bulb	2674139	49599	53.3	5.579	930			.2				93
Dew Point	2007493	42771	46.0	6.598	930		3.3					93

USAFETAC FORM 0-26-5 (OL A) JAN 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK 73-82 AUG
STATION STATION NAME YEARS MONTH

 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73						.1		.2		.1								4	4		
72/ 71							.4											4	4		
70/ 69					.4	.1	.3		.1									9	9		
68/ 67				.1	.3	.2	.5	.1	.1									13	13		
66/ 65			.3	1.0	1.0	1.1	.3	.6										40	40		
64/ 63		.1	.3	1.6	1.3	.9	.6											45	45	1	
62/ 61		.3	.9	3.0	1.6	.9		.1										63	63	16	
60/ 59		.5	4.2	2.7	1.2	.6	.2											88	88	28	4
58/ 57		1.2	2.8	3.9	1.8	.4	.1											95	95	67	14
56/ 55		1.1	5.3	2.8	1.8	.4												102	102	92	33
54/ 53		2.5	3.8	2.2	.5	.2												85	85	109	66
52/ 51	.1	3.5	5.2	1.8	.9	.1												108	108	129	86
50/ 49		2.3	5.6	1.3	.4	.2	.1											92	92	111	107
48/ 47	.1	3.4	2.8	1.2	.1	.2												73	73	119	126
46/ 45		1.5	2.5	.9	.1													46	46	104	107
44/ 43		.5	1.6	.2														22	22	56	99
42/ 41		.5	1.1	.5														20	20	36	88
40/ 39		.4	.3	.1	.1													9	9	26	62
38/ 37		.1	.5	.1														7	7	16	50
36/ 35		.1	.3	.1														5	5	6	31
34/ 33																				7	25
32/ 31																				5	7
30/ 29																					6
28/ 27																					10
26/ 25																					4
24/ 23																					1
22/ 21																					4
TOTAL	.2	18.2	37.4	23.4	11.2	5.5	2.7	1.1	.2	.1								930		930	930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4997782	67172	72.2	12.540	930							
Dry Bulb	2800700	50630	54.4	6.910	930			3.0	.4			93
Wet Bulb	2330188	46249	49.7	5.787	930		.5					93
Dew Point	1985104	42098	45.3	6.518	930		3.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]2550 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
AUG — MONTH
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8[illegible] / 87											.0							1	1		
[illegible]6 / 85										.0	.1	.0	.0					9	9		
[illegible]4 / 83									.0	.0	.1	.1	.1					21	21		
[illegible]2 / 81									.0	.2	.1	.1	.0					38	38		
[illegible]0 / 79								.0	.1	.3	.3	.1						62	62		
7[illegible] / 77							.0	.1	.3	.3	.3	.1	.0					90	90		
[illegible]76 / 75						.0	.1	.4	.6	.6	.1	.0						128	128		
[illegible]74 / 73					.0	.0	.4	.9	.7	.3	.1							182	182		
[illegible]72 / 71					.1	.4	.7	.8	.6	.2	.1							211	211		
[illegible]70 / 69				.1	.2	.7	.9	1.1	.4	.1								264	264	3	
[illegible]68 / 67				.1	.5	1.1	1.3	.5	.3	.0								289	289	4	
[illegible]66 / 65			.1	.6	1.2	1.0	.9	.6	.2	.1								338	338	17	
[illegible]4 / 63		.0	.2	1.0	1.1	1.3	.9	.3	.1	.0								375	375	90	
[illegible]2 / 61		.1	.5	1.8	1.8	1.3	.5	.2	.1									466	466	227	4
[illegible]0 / 59		.5	1.9	2.2	1.5	1.1	.3	.2	.0									574	574	435	27
[illegible]8 / 57	.1	.6	2.2	2.2	1.5	.6	.4	.1										553	553	611	74
55[illegible] / 55	.1	.8	3.[illegible]	2.4	1.4	.4	.2	.0										616	616	739	213
[illegible]4 / 53	.1	1.6	3.2	2.7	.5	.1	.1											620	620	871	396
[illegible]2 / 51	.0	2.6	3.8	1.3	.6	.1	.1											625	625	846	627
[illegible]0 / 49	.1	3.4	3.5	.9	.3	.1	.0											617	617	905	808
[illegible]8 / 47	.1	2.9	1.7	1.0	.2	.1												442	442	878	993
[illegible]6 / 45	.0	1.8	1.7	.5	.1	.1												314	314	605	1022
94 / 43		1.0	1.1	.2	.5	.1												178	178	396	858
[illegible]2 / 41		1.1	.9	.1	.0													160	160	284	734
[illegible] / 39	.0	.8	.6	.1	.0													107	107	189	486
3[illegible] / 37		.5	.3	.0														63	63	138	371
[illegible] / 35		.3	.3	.0														47	47	80	289
3[illegible] / 33		.3	.1	.0														27	27	58	183
2 / 31		.1	.1															15	15	34	144
[illegible] / 29		.0																2	2	19	65
[illegible] / 27		.1																4	4	5	68
[illegible] / 25		.0																1	1	4	36
24 / 23																				1	11
2 / 21																					21

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-2 / 1°																					7
1 / 17																					2
TOTAL	.6	18.5	25.1	17.2	10.9	8.5	6.7	5.2	3.7	2.2	1.1	.4	.1					7439	7439	7439	7439

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	34997218	892932	66.3	17.523	7439							
Dry Bulb	24859147	423909	57.0	9.721	7439		2.2	129.5	53.1	9.4		744
Wet Bulb	19303056	375848	50.5	6.494	7439		6.3	.7				744
Dew Point	15164320	332389	44.7	6.987	7439		35.4					744

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
SEP — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 61							.3											3	3		
0/ 59						.6												5	5		
5 / 57			.3		.1	.3												7	7		
5 / 55			.2		.1	.4												7	7		
4/ 53			.2	.6	.9	.8												22	22	3	
2/ 51		.3	.9	.4	1.3	.2	.6											34	34	5	
0/ 49		.4	.9	1.3	.4	.4	.6											37	37	15	7
8 / 47	.3	2.0	1.7	2.3	1.3	.3												72	72	27	10
4 / 45	.6	3.4	4.7	.9	.1													87	87	59	20
4/ 43	.4	3.7	5.0	.9	.1													91	91	94	30
2/ 41	.2	4.3	4.4	1.7	.1													97	97	97	50
4 / 39	.8	4.8	4.4	.4														94	94	126	77
2 / 37	.4	4.7	3.8	.6														85	85	98	108
3 / 35	.7	4.7	3.1	.9														84	84	99	113
3/ 33	.4	5.0	1.4	.7														68	68	79	79
2/ 31	.2	3.8	2.0	.6														59	59	78	116
1 / 29	.2	1.9	.8	.1														27	27	53	70
1 / 27	.1	.7	.1	.2														10	10	39	68
0/ 25	.2	.7																8	8	14	56
0/ 23																				9	28
2/ 21			.1															1	1		22
0/ 19		.2																2	2	1	20
1 / 17																				2	16
1 / 15																					3
1 / 13																					1
1 / 11																					3
1 / 9																					3
TOTAL	4.7	40.6	34.1	11.6	4.6	3.1	1.4												900		900
																		900		900	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5243614	67574	75.1	13.752	900							
Dry Bulb	1541709	36723	40.8	6.939	900		10.7					90
Wet Bulb	1303116	33816	37.6	6.016	900		19.6					90
Dew Point	1026525	29743	33.0	6.963	900		40.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | SEP MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 59						.2												2	2		
[illegible] / 57					.1	.1												2	2		
5[illegible] / 55					.1	.1	.2											4	4		
4/ 53			.1	.1	.2	.1												5	5		
2/ 51		.1	1.0	.3	1.4													26	26		
5[illegible] / 49		.7	.8	.9	.2	.1	.1											25	25	8	
4 / 47	.1	1.4	.9	2.2	1.1	.4												56	56	24	5
4 / 45	.3	2.9	3.9	.7	.1	.2												73	73	38	21
4/ 43	.6	3.7	3.1	.8	.1	.1												75	75	67	24
2/ 41	.3	4.1	4.6	.9	.2													91	91	88	84
4 / 39	.7	4.3	2.9	.6	.1													77	77	101	45
3 / 37	.8	7.0	2.9	.7														102	102	97	98
7 / 35	1.2	5.7	2.7	.7														92	92	105	119
3[illegible] / 33	.4	7.3	2.7	.4														98	98	96	91
2/ 31	.4	6.7	2.2	.8														91	91	94	90
1 / 29	.4	2.7	1.0															37	37	87	89
2 / 27	.3	1.9	.3	.1														24	24	85	85
1[illegible] / 25	.1	1.0																10	10	32	67
2[illegible] / 23		.4																4	4	9	29
2/ 21		.3																3	3	4	38
2 / 19																				2	22
1 / 17		.1																1	1		16
1[illegible] / 15		.2																2	2	1	9
1[illegible] / 13																				2	2
1[illegible] / 11																					3
/ 7																					3
TOTAL	5.8	50.6	29.0	9.1	3.8	1.4	.3											900		900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5535056	69710	77.5	12.283	900							
Dry Bulb	1385010	34776	38.6	6.775	900		17.2					90
Wet Bulb	1194358	32326	35.9	6.088	900		27.6					90
Dew Point	957227	28677	31.9	6.955	900		45.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
SEP — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 65									.1									1	1		
/ 59						.1		.2										3	3		
/ 57						.1		.1										2	2		
5./ 55			.1		.2	.6	.2											10	10		
4/ 53		.1	.1	.7	.4	.3		.1										16	16		
2/ 51			.8	.6	.7	.1	.1											20	20	3	
50/ 49		1.0	1.2	1.0	.2	.3	.3											37	37	5	3
/ 47	.2	1.3	1.8	2.1	.1	.7												56	56	36	9
4/ 45	.2	4.6	3.6	2.1	.1	.1												96	96	42	23
4/ 43	.3	3.9	4.3	.9	.4													89	89	95	28
2/ 41	.6	4.7	5.6	.8	.1													105	105	92	47
4 / 39	.4	4.6	3.4	.6														81	81	126	78
3./ 37	.8	5.7	3.0	.4														89	89	101	112
/ 35	.9	5.8	1.9	.7														83	83	92	106
3./ 33	.7	5.3	1.7	.6														74	74	96	89
2/ 31	.2	5.8	1.0	1.0														72	72	64	102
/ 29	.1	1.9	.7															24	24	67	75
/ 27	.1	2.0	.2															21	21	33	63
/ 25	.1	1.2	.1															13	13	27	59
2-/ 23		.2	.1															3	3	10	30
2/ 21		.1																1	1	3	24
/ 19		.1																1	1	2	24
/ 17		.2																2	2	2	7
1 / 15																				1	10
/ 13		.1																1	1	1	3
1 / 11																					5
/ 9																					1
/ 7																					1
/ 5																					1
TOTAL	4.7	48.6	29.6	11.3	2.3	2.3	.7	.4	.1										900		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5468625	69185	76.9	12.927	900							
Dry Bulb	1476466	35912	39.9	6.956	900		13.8					90
Wet Bulb	1266248	33304	37.0	6.136	900		21.0					90
Dew Point	1015296	29548	32.8	7.091	900		40.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — EIELSON AFB AK — 73-82 — SEP

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 69										.1								1	1		
/ 67								.2	.1									3	3		
6/ 65							.1	.4	.3	.1								9	9		
4/ 63				.1		.2	.9	.3	.1	.4								19	19		
2/ 61			.2		.1	.4	1.2	.7	.1	.2								27	27		
/ 59			.1		.9	1.3	1.6	.9	.4									40	40		
/ 57		.1	.3	.8	.9	1.4	1.1	.6	.3									49	49	3	
5/ 55			.7	1.1	1.6	1.9	.6	.1										53	53	2	
4/ 53		.2	.9	2.1	2.7	.8	.3	.1										58	58	19	3
2/ 51		.9	2.3	1.8	2.8	.7	.2											78	78	42	7
/ 4	.1	.8	4.4	3.8	1.4	.3												98	98	67	10
/ 47		2.7	3.2	2.3	1.1	.1												85	85	110	22
/ 45		2.7	3.2	2.7	.7													93	93	130	49
4/ 43		2.2	3.0	2.0														85	85	120	56
2/ 41	.1	1.2	2.0	.9	.3													42	41	92	98
/ 39		1.6	2.7	.7	.2													46	46	68	96
/ 37		2.2	2.0	1.0	.2													49	49	51	94
/ 35		1.9	1.2	.9	.2													38	38	53	95
4/ 33		1.0	2.3	.6														35	35	39	99
/ 31	.1	.7	.5	.3														14	14	32	87
/ 29		.3	.1															4	4	37	55
/ 27		.3	.1															4	4	9	33
/ 25			.1															1	1	6	26
2/ 23																				1	18
2/ 21																				1	28
/ 19																					10
1 / 17																					5
1 / 15																					3
/ 13																					3
TOTAL	.3	18.8	29.4	21.0	11.9	6.9	6.0	3.3	1.4	.9									940		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4041272	58490	65.3	16.341	900							
Dry Bulb	2121509	43050	47.8	8.323	900		2.3	.4				90
Wet Bulb	1646758	38076	42.3	6.318	900		8.6					90
Dew Point	1191821	32093	35.7	7.263	900		27.3					90

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

GL PAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
SEP — MONTH
PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 73										.2	.1							3	3		
./ 71										.2								2	2		
/ 69							.4	.3	1.0	.1	.4							21	21		
8 / 67				.1			.3	.4	.1	.3	.7							18	18		
07 65					.2	.3	.7	1.6	1.9	.8	.4							53	53		
.4/ 63					.1	.4	.9	2.3	.7	.2	.2							44	44		
7/ 61				.2	.3	1.0	1.1	3.8	.2	.2								62	62	1	
./ 59			.2	.1	1.9	2.7	2.2	2.2										84	84		
/ 57				.7	2.2	2.3	2.4	1.0										78	78	8	1
5/ 55				2.1	2.2	2.6	1.2	.1										79	79	18	
4/ 53		.3	1.1	1.6	2.2	1.7	.7											68	68	35	2
2/ 51		.6	1.9	1.1	1.7	1.4	.3											63	63	82	7
1/ 49		.3	2.7	2.2	1.3	.9												67	67	147	8
/ 47		.7	1.2	1.4	.9	.7												44	44	147	20
4 / 45		.3	1.7	1.8	.9	.2												44	44	120	58
4/ 43		.4	1.2	1.1	.6	.2												32	32	83	57
2/ 41		.4	1.1	1.3	.3	.1												30	30	62	76
0/ 39		.8	1.2	1.3	.3	.1												38	38	39	95
/ 37	1.0		.7	1.6	.8													34	34	45	82
/ 35		.6	1.8	.7	.2													29	29	30	96
3/ 33		.2	.4															6	6	35	104
2/ 31																				32	94
/ 29			.1															1	1	15	55
/ 27																					47
/ 25																				1	27
/ 23																					18
27 21																					16
/ 19																					23
1 / 17																					5
1 / 15																					3
1 / 13																					5
1 / 11																					1
TOTAL	5.7	15.3	17.3	17.0	14.7	10.3	11.8	3.9	2.1	1.9								900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2817014	48040	53.4	16.767	900							
Dry Bulb	2629035	47963	53.3	9.010	900		.1	4.4	.3			90
Wet Bulb	1852270	40444	44.9	6.222	900		4.8					90
Dew Point	1173884	31830	35.4	7.319	900		29.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | SEP MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 75											.2							2	2		
4/ 73								.1			.1							2	2		
2/ 71								.8	.3	.3								13	13		
/ 69								.4	.2	.1	.1	.3						11	11		
6 / 67					.1	.1		1.6	.8	.7	.6	.2						36	36		
6/ 65					.2	.4	.7	.8	.9	.9	.7							41	41		
4/ 63				.1		.4	.6	2.7	1.6	.2	.1							51	51		
2/ 61					.4	1.0	2.3	4.2	.9									80	80		
/ 59					2.1	3.7	3.1	2.1	.1									100	100	3	
/ 57				.1	1.3	3.1	2.2	.6	.1									67	67	12	
5 / 55			.1	1.1	2.0	1.2	1.4	.2										55	55	18	1
4/ 53		.6	1.1	1.7	2.5	1.2	1.3	.1										72	72	40	2
2/ 51		.1	1.0	1.8	2.1	1.8	.6											66	66	75	5
0/ 49		.2	1.8	2.4	1.6	.9												62	62	132	6
/ 47		.1	1.7	.8	1.8													39	39	167	15
4 / 45		.2	1.7	1.7	.9	.4												44	44	108	47
4/ 43		.3	1.0	.4	.4	.3												23	23	88	48
2/ 41		.9	1.1	1.3	.9	.1												39	39	57	13
0/ 39		.6	1.1	.6	1.2	.1												32	32	54	104
3 / 37		.7	.9	1.1	.8													31	31	32	89
/ 35		.2	1.9	.9														27	27	29	103
3/ 33			.3	.3														6	6	33	83
2/ 31			.1															1	1	31	95
/ 29																				21	63
/ 27																					56
/ 25																					23
2/ 23																					24
2/ 21																					20
/ 19																					27
1 / 17																					4
1/ 15																					3
1/ 13																					8
1 / 11																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7 2550	EIELSON AFB AK	73-82	SEP

PAGE 2 — HOURS (L. S. T.) 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL		3.9	13.8	14.3	17.9	14.9	12.2	13.6	4.9	2.2	1.8	.6						900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2569356	45824	50.9	16.209	900							
Dry Bulb	2694200	48542	53.9	9.198	900		.1	6.4	.4			90
Wet Bulb	1859547	40515	45.0	6.301	900		5.2					90
Dew Point	1135161	31275	34.8	7.334	900		32.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 69							.1	.1										2	2		
5 / 67					.1	.1	.1	.2	.2									7	7		
6 / 65				.1			.3	.2			.1							7	7		
4 / 63				.1	.1	.3	.7	.6	.1	.2								19	19		
2 / 61			.1		.2	.3	1.6	.3	.4									29	29		
/ 59			.1	.1	.7	1.0	1.2	1.0	.1	.1								39	39	2	
/ 57			.1	1.1	.3	1.9	1.9	.1	.3									52	52	4	
5 / 55		.1	.7	1.1	1.1	2.6	1.4	.4										67	67	7	3
4 / 53		.1	1.2	1.3	2.4	1.7	1.1	.2										73	73	16	2
2 / 51		.8	2.4	3.0	2.1	.7												81	81	41	5
9 / 49		.9	4.3	3.1	1.6	.7	.1											96	96	65	10
8 / 47		1.1	3.4	2.4	1.7	.3												81	81	108	25
4 / 45		1.3	2.2	1.9	.6													54	54	147	39
4 / 43		1.4	2.6	3.1	.6													69	69	116	56
2 / 41		1.7	2.1	1.3														46	46	95	67
0 / 39	.1	1.1	2.4	1.1														43	43	69	112
/ 37		1.2	1.9	.9														36	36	64	93
/ 35		2.1	.9	1.7	.3													45	45	41	102
3 / 33		.6	1.9	1.0	.2													33	33	42	76
2 / 31		.3	1.3	.3														18	18	24	92
/ 29			.2															2	2	23	69
/ 27			.1															1	1	23	42
/ 25																				2	32
/ 23																				1	14
2 / 21																					16
/ 19																					26
/ 17																					6
1 / 15																					9
/ 13																					2
1 / 11																					2
TOTAL	.1	12.8	28.1	23.8	12.0	9.6	8.8	3.2	1.2	.3	.1								900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3728945	56135	62.4	15.914	900							
Dry Bulb	2171134	43558	48.4	8.373	900		2.1	.9				90
Wet Bulb	1655008	38156	42.4	6.447	900		8.3					90
Dew Point	1163090	31650	35.2	7.463	900		31.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
SEP — MONTH
PAGE 1
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67 / 65								.2										2	2		
67 / 63				.1			.3											4	4		
67 / 61				.1			.4											5	5		
67 / 59			.1			.3	.1											5	5		
67 / 57				.1	.2	1.7	.2											20	20	1	
57 / 55			.4	.2	.7	1.2	.6	.1										29	29	2	
47 / 53	.1		.3	.4	1.2	1.0	.7											34	34	3	2
47 / 51		.3	1.0	.4	1.1	.6	.8	.1										39	39	11	3
47 / 49	.1	1.2	2.2	1.4	1.1	.2	.1											58	58	26	7
47 / 47	.1	3.0	4.0	2.7	1.0	.2												99	99	52	13
47 / 45	.2	3.3	4.6	2.3	.9	.1												103	103	85	24
47 / 43		3.6	5.5	3.3	.7													113	113	111	38
27 / 41		3.1	4.1	2.0														83	83	113	67
47 / 39	.7	2.3	3.8	.9														69	69	122	84
47 / 37	.4	1.8	3.0	.6														52	52	99	100
47 / 35	.3	3.9	1.9	1.3														67	67	68	109
37 / 33		2.6	2.3	.3														47	47	68	86
47 / 31		1.6	2.3	.9														43	43	47	94
27 / 29		1.1	1.1	.1														21	21	38	75
27 / 27	.1	.1																2	2	34	63
27 / 25		.2	.2															4	4	14	45
27 / 23																				3	21
27 / 21			.1															1	1	2	19
27 / 19																				1	3
17 / 17																					8
17 / 15																					3
17 / 13																					1
17 / 11																					6
TOTAL	2.1	28.1	36.6	17.3	6.9	5.3	3.2	.4										900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4691261	63589	70.7	14.856	900							
Dry Bulb	1735773	38967	43.3	7.355	900		7.1					90
Wet Bulb	1417792	35290	39.2	6.153	900		13.9					90
Dew Point	1073814	30402	33.8	7.218	900		36.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
6/ 75											.0							2	2			
74/ 73								.0		.0	.0							5	5			
72/ 71								.1	.0	.1								15	15			
70/ 69							.1	.1	.2	.0	.1	.0						35	35			
68/ 67				.0	.0	.0	.1	.3	.2	.1	.2	.0						64	64			
66/ 65				.0	.1	.1	.2	.4	.4	.2	.2							113	113			
64/ 63				.1	.0	.2	.4	.7	.3	.1	.0							137	137			
62/ 61			.0	.0	.1	.3	.5	1.1	.2	.1								206	206	1		
60/ 59			.1	.0	.6	1.2	1.0	.8	.1	.0								278	278	5		
58/ 57		.0	.1	.3	.6	1.4	1.0	.3	.1									277	277	28	1	
56/ 55		.0	.3	.7	1.1	1.3	.7	.1										304	304	47	4	
54/ 53	.0	.2	.6	1.1	1.4	.9	.5	.1										348	348	116	11	
52/ 51		.4	1.4	1.2	1.7	.7	.3	.0										407	407	259	27	
50/ 49	.0	.7	2.3	2.0	1.0	.5	.2											480	480	465	51	
48/ 47	.1	1.5	2.2	2.0	1.1	.3												532	532	673	119	
46/ 45	.2	2.3	3.2	1.8	.5	.1												584	584	737	281	
44/ 43	.2	2.4	3.2	1.6	.4	.1												557	557	784	337	
42/ 41	.2	2.6	3.1	1.3	.3	.0												532	532	696	520	
40/ 39	.3	2.5	2.8	.8	.3	.0												480	480	707	691	
38/ 37	.3	3.0	2.3	.8	.2													478	478	587	776	
36/ 35	.4	3.1	1.9	1.0	.1													465	465	517	843	
34/ 33	.2	2.8	1.6	.5	.0													367	367	488	707	
32/ 31	.1	2.3	1.2	.5														298	298	402	770	
30/ 29	.1	1.2	.5	.0														116	116	351	551	
28/ 27	.1	.6	.1	.0														62	62	183	457	
26/ 25	.1	.4	.1															36	36	96	335	
24/ 23		.1	.0															7	7	33	182	
22/ 21		.1	.0															6	6	17	183	
20/ 19		.0																3	3	6	164	
18/ 17		.0																3	3	9	67	
16/ 15		.0																2	2	2	43	
14/ 13		.0																1	1	3	30	
12/ 11																					21	
10/ 9																					9	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
SEP — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 7																					4
/ 5																					1
TOTAL	2.2	26.1	27.0	15.7	9.5	7.3	5.4	4.1	1.4	.7	.5	.1						7200	7200	7200	7200

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	34095143	478547	66.5	17.830	7200							
Dry Bulb	15754835	329491	45.8	9.698	7200		53.4	12.1	.7			720
Wet Bulb	12195097	291927	40.5	7.060	7200		109.0					720
Dew Point	8736818	245218	34.1	7.315	7200		283.2					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — OCT MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 51						.2												2	2		
[illegible] / 47					.3	.2												5	5		
4[illegible] / 45			.1	.5	.4	.4	.2											16	16		
4[illegible] / 43				.3		.2	.1											6	6	1	
2[illegible] / 41			.1	.2	.1	.1												5	5	3	
40 / 39		.3	.2	.6	.2													13	13	6	
3[illegible] / 37		.2	.2	.9	.3													15	15	14	
[illegible] / 35		1.6	1.8	.9														40	40	11	5
3[illegible] / 33	.6	3.8	4.2	.8														87	87	49	7
2[illegible] / 31	.4	6.0	2.8	1.6														101	101	77	45
[illegible] / 29	.3	3.1	3.2															62	62	98	40
[illegible] / 27	1.3	4.6	2.3															76	76	75	37
[illegible] / 25	.9	7.0	.5															78	78	100	90
2[illegible] / 23	.4	4.5	1.4	.1														60	60	90	48
2[illegible] / 21	2.7	3.2	.6	.1														62	62	62	53
[illegible] / 19	1.8	4.7	.1															62	62	64	134
1[illegible] / 17	.3	2.0	.2															24	24	40	94
1[illegible] / 15	.3	2.7	.3															31	31	29	61
1[illegible] / 13	.3	2.2	.1															24	24	26	40
1[illegible] / 11	.3	2.0	.1															23	23	27	22
1[illegible] / 9	.1	1.5																15	15	21	42
[illegible] / 7	.1	2.7																26	26	21	23
[illegible] / 5	.2	1.6																17	17	26	13
[illegible] / 3	.1	1.5																15	15	13	27
[illegible] / 1	.1	1.9																19	19	24	16
[illegible] / -1	1.1	.3																13	13	15	20
- / -3	.6	.4																10	10	11	17
-[illegible] / -5	.5																	5	5	7	14
-[illegible] / -7																					15
- / -9	.1																	1	1	1	18
-1[illegible] / -11	.3																	3	3	3	15
-1[illegible] / -13	.2																	2	2	2	7
-1[illegible] / -15	.5																	5	5	5	5
-1[illegible] / -17																					2

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2850 | EIELSON AFB AK | 73-82 | OCT
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1 / -19	.1																	1	1	1	4
20 / -23																					2
-24 / -27																					1
-28 / -29	.2																	2	2	2	2
-30 / -31	.2																	2	2	2	3
-32 / -33	.2																	2	2	2	2
-34 / -35																					4
-36 / -37																					2
TOTAL	14.6	58.1	18.4	6.0	1.4	1.2	.3												930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5019411	67113	72.2	13.773	930							
Dry Bulb	639645	21601	23.2	12.184	930	4.6	74.1					93
Wet Bulb	534838	19696	21.2	11.256	930	5.1	84.4					93
Dew Point	365994	14100	15.2	12.801	930	13.3	91.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
OCT — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 47			.1	.1	.1	.2												5	5		
4[illegible] / 45				.1	.4	.3	.3											11	11		
[illegible]4/ 43				.4	.1													5	5	2	
[illegible]2/ 41			.3	.2	.3													8	8	1	
4[illegible] / 39		.1	.6	.8		.1												15	15	1	1
3 / 37		.4	.5	1.0														18	18	21	
[illegible] / 35	.1	1.2	1.4	.2	.1													28	28	13	3
3[illegible] / 33	.4	3.6	3.3	.6														74	74	51	11
[illegible]2/ 31	.5	4.6	4.0	.4														89	89	53	35
[illegible] / 29	.4	3.2	2.0	.3														56	56	90	33
[illegible] / 27	1.8	4.6	1.5	.1														75	75	90	50
[illegible] / 25	.1	8.0	1.1															85	85	76	90
[illegible]4/ 23	.2	5.6	.6															60	60	102	40
[illegible]2/ 21	1.7	5.3	.1	.1														67	68	65	55
[illegible] / 19	2.5	4.8	.5															73	74	67	103
[illegible] / 17	.5	2.3	.1															27	27	51	88
[illegible] / 15	.6	2.7	.4															35	35	32	68
[illegible] / 13		2.6	.4															28	28	28	55
[illegible] / 11	.2	2.4																24	24	26	34
[illegible] / 9		2.4																22	22	34	29
[illegible] / 7		1.4																13	13	15	27
[illegible] / 5	.2	2.0																21	21	16	19
[illegible] / 3	.1	1.6																16	16	21	28
[illegible] / 1	.4	1.7																20	20	21	24
[illegible] / -1	1.1	.4																14	14	19	18
[illegible] / -3	.6	.3																10	10	13	13
[illegible] / -5	.4																	4	4	5	19
[illegible] / -7	.4																	4	4	4	11
[illegible] / -9	.3																	3	3	3	12
[illegible]/-11	.3																	3	3	3	21
[illegible]/-13	.2																	2	2	2	9
[illegible]/-15	.2																	2	2	2	6
[illegible]/-17	.2																	2	2	2	8
[illegible]/-19	.3																	3	3	3	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
OCT — MONTH
PAGE 2
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-21																					2
2/-23																					1
/-29																					3
/-31	.3																	3	3	3	1
2/-33	.2																	2	2	2	2
3[illegible]/-35	.1																	1	1	1	3
/-37																					6
TOTAL	15.0	61.3	17.2	4.4	1.1	.6	.3												930		928
																		928		928	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5057119	67391	72.6	13.269	928							
Dry Bulb	603533	20735	22.3	12.330	930	5.3	76.6					93
Wet Bulb	509282	18936	20.4	11.514	928	6.2	84.1					93
Dew Point	359616	13436	14.5	13.141	928	13.5	91.5					93

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | OCT MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47						.5	.1											6	6		
/ 45		.1			.2		.2											5	5		
4/ 43		.2		.3	.2													7	7	3	
2/ 41			.1	.5	.2													8	8		*
/ 39			.9	.5	.1													14	14	1	
/ 37		.5	.6	.5	.1													17	17	16	
/ 35		1.6	1.7	.4	.2													37	37	18	
3/ 33	.4	3.5	3.6	.5	.2													76	76	48	12
2/ 31	.3	3.3	3.0	.3														65	65	63	33
/ 29	.3	4.2	2.6															66	68	65	34
/ 27	1.4	3.8	2.3															69	70	87	55
/ 25	1.3	5.3	1.0															70	70	73	72
/ 23	.2	5.9	1.0															66	67	88	49
2/ 21	2.1	4.8	.2	.1														66	66	72	52
/ 19	1.5	6.5	.1															75	75	61	101
/ 17	.6	2.6																30	30	62	73
1/ 15	.6	3.5	.5															43	43	29	80
/ 13	.2	2.8																28	28	32	46
1/ 11	.2	2.8																28	28	36	44
1/ 9	.4	1.8																21	21	32	25
/ 7	.1	2.3																22	22	16	30
/ 5		1.4																13	13	21	23
/ 3	.5	1.7																21	21	23	19
/ 1	.1	1.7																17	17	10	34
/ -1	.8	.2																9	9	22	21
/ -3	1.5	.6																15	15	12	9
/ -5	.4																	4	4	8	23
/ -7	.3																	3	3	3	16
/ -9	.5																	5	5	5	10
/ -11	.4																	4	4	4	16
/ -13	.2																	2	2	2	4
/ -15	.4																	4	4	4	11
/ -17	.3																	3	3	3	6
/ -19	.1																	1	1	1	3

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
OCT — MONTH
PAGE 2
0600-0900 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-21																					2
22/-23																					2
-25																					1
-27																					1
-29	.1																	1	1	1	
-31	.1																	1	1	1	
32/-33	.2																	2	2	2	5
34/-35	.2																	2	2	2	2
-37																					4
46/-45																					1
TOTAL	15.7	61.2	17.6	3.3	1.3	.5	.3											926	930	926	926

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5038209	67215	72.6	13.124	926							
Dry Bulb	588167	20335	21.9	12.430	930	5.6	76.0					93
Wet Bulb	495690	18514	20.0	11.649	926	7.0	84.4					93
Dew Point	349735	13019	14.1	13.424	926	14.1	91.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57							.1	.1										2	2		
5 / 55							.2											2	2		
4/ 53						.1	.2											3	3		
4/ 51					.1		.2											3	3		
5 / 4				.1	.1	.3	.1	.2										8	8		
/ 47			.1	.2	.3	.1	.1											8	8		
/ 45		.2	.2	.1	.6	.3												14	14	2	
4/ 43			.3	1.4	.6													22	22	10	
/ 41		.1	.3	.9	.3	.2												17	17	6	2
0/ 3		.5	1.3	1.7	.3													36	36	16	3
/ 37		1.1	2.0	1.3	.2													43	43	36	4
/ 35		1.6	2.0	.6	.1													44	44	41	5
3 / 33	.4	2.5	3.1	1.2														67	67	64	29
2/ 31	.3	4.3	3.7	.9														85	85	73	29
/ 29	.2	2.9	1.7	.1	.1													47	47	76	48
/ 27	1.8	4.8	2.4	.2	.2													88	88	76	60
/ 25	.2	6.6	1.7															79	79	91	86
/ 23	.4	2.9	1.1	.1														42	42	98	92
2/ 21	1.2	3.7	.9															51	51	52	75
/ 19	.5	4.0	.4															46	46	47	79
/ 17	.1	3.0	.3															32	32	41	69
1 / 15		4.0	.4															41	41	37	64
/ 13	.3	1.5	.2															19	19	36	38
1 / 11	.2	2.3																23	23	23	37
1 / 9		1.6	.1															16	16	18	30
/ 7	.1	1.5																15	15	21	37
/ 5	.2	1.1																12	12	14	23
/ 3	.3	1.6																18	18	17	22
/ 1	.2	1.8																19	19	16	24
/ -1	.4	.1																5	5	16	16
/ -3		.2																2	2	2	11
/ -5		.2																2	2	1	16
/ -7	.3																	3	3	4	11
/ -9	.3																	3	3	3	9

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] | EIELSON AFB AK | 73-82 | OCT
STATION | STATION NAME | YEARS | MONTH

PAGE | 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-11/-11	.2																	2	2	2	6
-1 /-13	.2																	2	2	2	2
-1 /-15	.3																	3	3	3	9
-1 /-17																					6
-1 /-19	.1																	1	1	1	5
-2 /-21																					1
-2 /-23																					1
-2 /-25	.2																	2	2	2	1
-3 /-29	.2																	2	2	2	2
-3 /-31																					3
-3 /-33	.1																	1	1	1	2
-3 /-35																					2
-3 /-37																					1
TOTAL	.9	54.3	22.4	8.9	3.1	1.1	1.0	.3										930		930	
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4054523	64545	69.4	13.721	930							
Dry Bulb	754679	23749	25.5	12.631	930	2.8	66.1					93
Wet Bulb	612620	21384	23.0	11.409	930	3.9	75.5					93
Dew Point	401206	15270	16.4	12.727	930	10.4	88.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — OCT MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ / 61								.2										2	2		
/ / 59						.1		.5										6	6		
/ / 57								.1										1	1		
5/ / 55					.2		.5	.2										9	9		
4/ 53					.4	.1	.3	.2										10	10		
2/ 51			.1	.2		.6												9	9		
1/ 49			.1		.5	.8	.3	.3										19	19	2	
/ / 47			.5	.2	1.0	.2	.2											21	21	8	
4/ 45			.2	.5	2.3	.6												34	34	8	
4/ 43		.1	.1	1.2	1.3													25	25	18	1
2/ 41		.1	1.2	1.8	1.3													41	41	21	3
4/ 39	.1	.2	1.8	1.5	1.0													43	43	27	8
3/ 37	.2	.8	2.0	1.6	.1													44	44	57	13
/ / 35	.6	1.9	2.6	1.2														59	59	66	10
3/ / 33		1.6	3.7	1.6														64	64	82	25
2/ 31	.5	2.7	3.7	1.1														74	74	55	49
/ / 29	.5	1.9	3.0	.5														56	56	79	62
/ / 27		4.8	3.5	.6														84	84	62	85
/ / 25	.3	3.9	1.7	.1														56	56	99	80
2/ / 23		2.2	1.9	.1														39	39	66	40
2/ 21	.3	2.7	1.2															39	39	82	67
/ / 19		4.9	1.1															56	56	99	103
1/ / 17		3.8	.6															34	34	53	64
1/ / 15		1.5	.4															18	18	38	51
1/ / 13	.2	1.4	.1															16	16	18	47
1/ / 11		1.0	.2															11	11	16	35
1/ / 9	.1	.8	.2															10	10	8	47
/ / 7	.1	1.5																15	15	16	30
/ / 5	.2	.5																7	7	14	21
/ / 3	.2	.5																7	7	5	20
/ 1	.1	.4																5	5	7	10
/ -1	.1																	1	1	4	11
- / -3	.1	.1																2	2	2	5
- / -5	.1	.1																2	2	1	8

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 2
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
- / -7		.1																1	1	1	5
- / -9	.3																	3	3	4	6
- / -11	.2																	2	2	2	9
-1 / -13	.1																	1	1	1	
-1 / -15	.1																	1	1	1	5
-1 / -17	.1																	1	1	1	3
-1 / -19	.1																	1	1	1	4
- / -21	.1																	1	1	1	
- 2 / -23																					3
-2 / -25																					2
- / -29																					1
TOTAL	5.	13	8.	30	11	2.4	8.1	2.5	1.5	1.6									930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4106095	60287	64.8	14.599	930							
Dry Bulb	973451	27783	29.9	12.427	930	1.6	54.3					93
Wet Bulb	749462	24492	26.3	10.604	930	1.9	64.1					93
Dew Point	495947	17439	18.8	11.315	930	6.2	87.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] EIELSON AFB AK 73-82 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 63									.1									1	1		
2/ 61								.1										1	1		
/ 59							.1	.1										2	2		
/ 57								.3										3	3		
5 / 55			.1			.2		.1										4	4		
4/ 53					.1	.3	.5											9	9		
2/ 51			.4		.1	.9	.2											15	15	1	
50/ 49			.2	.3	.3	.5	.1	.2										16	16		1
/ 47		.1	.2	.2	.6	.2	.3											16	16	7	
46/ 45		.1	.1	.4	1.2	.2	.1											20	20	6	1
4/ 43			.4	1.2	1.4	.4												32	32	18	4
2/ 41			.4	1.4	.8	.1												25	25	18	2
40/ 39		.4	1.7	2.0	.9													46	46	19	5
3 / 37		1.2	2.5	1.9	.4													51	51	43	2
/ 35	.1	2.4	2.7	1.7	.1													65	65	68	12
30/ 33		1.5	2.6	2.2														58	58	77	25
27/ 31	.2	3.1	5.1	.6														84	84	61	42
3/ 29	.4	1.9	3.3	.1														51	51	83	64
/ 27	.3	4.2	3.0	.9	.1													79	79	76	72
/ 25	.3	4.9	2.9	.2														78	78	87	89
20/ 23	.3	2.9	1.2															41	41	76	29
2/ 21	.5	2.9	.8															39	39	66	76
/ 19	.2	4.4	1.4															56	56	28	116
/ 17		2.3	.6															27	27	54	64
14/ 15		2.3	.4															25	25	32	68
12/ 13	.3	1.3																15	15	22	44
1 / 11		.6	.5															11	11	16	34
1 / 9		1.2	.1															12	12	7	39
/ 7	.2	1.1																12	12	19	29
/ 5	.2	.4																6	6	12	12
4/ 3	.1	.5																6	6	4	23
/ 1		.3																3	3	4	21
/ -1	.1	.2																3	3	5	4
-2/ -3	.4	.1																5	5	6	6

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
OCT — MONTH
PAGE 2
1500-1730 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-7/ -5		.2																2	2		3
-9/ -7		.1																1	1	2	9
-11/ -9	.1																	1	1	2	5
-13/-11	.2																	2	2	2	7
-15/-13	.1																	1	1	1	2
-17/-15																					4
-19/-17	.3																	3	3	3	5
-21/-19	.1																	1	1	1	3
-23/-21	.1																	1	1	1	2
-27/-23	.1																	1	1	1	3
-29/-27																					2
-31/-29																					1
TOTAL	4.9	40.8	30.4	12.7	5.9	2.9	1.4	.9	.1										930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4204197	61071	65.7	14.443	930							
Dry Bulb	936644	27244	29.3	12.212	930	2.1	56.6					93
Wet Bulb	727100	24094	25.9	10.524	930	2.4	67.1					93
Dew Point	438879	17249	18.5	11.316	930	5.6	87.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | OCT MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57								.2										2	2		
5 / 55						.2		.1										3	3		
2/ 51					.1		.5											6	6		
5 / 49					.1	.2												3	3		
4 / 47		.2	.1		.1	.1	.2	.1										8	8		
4 / 45			.1	.1	.2	.4	.2											10	10	4	
4/ 43		.1		.6	.1	.4												12	12	6	2
2/ 41		.2	.3	1.5														19	19	6	1
4 / 39		.5	1.0	1.2	.1													26	26	8	3
3 / 37		.9	1.9	1.4	.1													40	40	27	2
/ 35	.3	2.3	4.0	1.3														73	73	58	6
34/ 33	.3	2.3	3.0	1.1														62	62	77	13
2/ 31	.2	4.6	4.9	1.0														100	100	65	42
/ 29	.4	3.0	3.0	.1														61	61	91	42
/ 27	.4	3.9	2.5															63	63	77	74
/ 25	.6	6.8	1.1															79	79	89	90
24/ 23	.6	2.9	1.5	.2														49	49	89	42
2/ 21	1.5	3.8	.3															52	52	59	67
/ 19	.5	4.3	.4															49	49	44	115
1 / 17	.4	3.8	.3															42	42	51	75
1 / 15		2.4	.5															27	27	36	51
14/ 13	.3	2.3	.2															26	26	31	56
1 / 11	.2	1.4	.2															17	17	22	32
/ 9	.5	1.3	.1															18	18	21	37
/ 7		2.3																21	21	19	24
/ 5	.2	.3																5	5	17	25
4/ 3	.2	1.3																14	14	8	21
/ 1	.1	.6																7	7	12	31
/ -1	.5	.3																8	8	7	11
/ -3	.3	.6																9	9	8	9
-4/ -5	.1	.2																3	3	5	5
-6/ -7	.1																	1	1	3	2
-8/ -9	.1																	1	1	1	9
-10/-11	.4																	4	4	4	7

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
OCT — MONTH
PAGE 2
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1 /-13																					4
-1 /-15	.1																	1	1	1	8
-1 /-17	.1																	1	1	1	3
-1 /-19																					3
- /-21	.3																	3	3	3	2
- 2/-23	.1																	1	1	1	2
-2 /-25	.1																	1	1	1	3
- /-27	.2																	2	2	2	1
- /-29	.1																	1	1	1	2
- /-31																					2
- 7/-33																					2
-3 /-35																					1
TOTAL	.8	52.5	25.6	8.5	.9	1.4	1.0	.4										930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4787843	65459	70.4	13.937	930							
Dry Bulb	747172	23800	25.6	12.192	930	3.6	66.6					93
Wet Bulb	609446	21500	23.1	11.000	930	3.8	76.4					93
Dew Point	398850	15604	16.8	12.145	930	8.1	90.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | OCT MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL O.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
/ 57								.1										1	1		
5 / 55							.1											1	1		
4/ 53						.1												1	1		
2/ 51						.2												2	2		
/ 49						.1												1	1		
/ 47					.1	.1												2	2		
4 / 45					.5	.1	.5											11	11		
4/ 43				.2	.1	.5												8	8	3	
2/ 41			.1	.5		.2												8	8	3	
0/ 39		.5	.6	.4	.2													17	17	3	
/ 37		.1	1.1	1.0	.3													23	23	16	2
/ 35		2.8	3.3	1.0														66	66	16	2
3 / 33	.8	3.3	3.9	.3														77	77	63	15
2/ 31	.4	4.7	3.6	1.4														94	94	87	33
/ 29	.2	3.2	3.0	.1														61	61	92	47
/ 27	.6	4.4	1.9															65	65	67	51
2 / 25	1.3	6.4	1.1	.1														82	82	100	79
2 / 23	.2	4.5	1.1															54	55	89	60
2/ 21	.8	3.6	1.1															50	50	83	63
/ 19	1.1	4.8	.2															57	57	52	107
/ 17	.5	3.9	.3															44	44	61	80
/ 15		2.7	.4															29	29	31	52
/ 13	.1	1.9	.1															20	20	30	51
/ 11	.1	1.8	.2															20	20	23	38
/ 9	.6	1.7																22	22	28	34
/ 7	.2	2.5																25	25	21	25
/ 5	.2	1.2																13	13	22	21
/ 3	.3	1.7																19	19	15	29
/ 1	.1	1.0																10	10	15	25
/ -1	1.0	.2																11	11	12	18
-1 / -3	.2	.4																6	6	7	15
-4 / -5	.1	.6																7	7	2	17
-6 / -7	.3	.1																4	4	9	7
-8 / -9	.2																	2	2	3	13

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
OCT — MONTH
PAGE 2
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-[illegible]/-11	.2																	2	2	2	5
-1[illegible]/-13	.1																	1	1	1	6
-1[illegible]/-15	.3																	3	3	3	5
-[illegible]/-17	.1																	1	1	1	2
-1[illegible]/-19																					5
[illegible]/-21																					3
[illegible]/-23	.1																	1	1	1	5
-2[illegible]/-25	.1																	1	1	1	2
[illegible]/-27	.2																	2	2	2	1
-[illegible]/-29	.2																	2	2	2	1
[illegible]/-31	.2																	2	2	2	1
[illegible]/-33	.1																	1	1	1	4
-34/-35																					4
-3[illegible]/-37																					1
TOTAL	11.2	58.2	22.1	5.1	1.3	1.4	.6	.1										929	930	929	929

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4911510	66358	71.4	13.598	929							
Dry Bulb	662978	21982	23.6	12.424	930	4.6	71.2					93
Wet Bulb	548843	19931	21.5	11.430	929	4.9	82.6					93
Dew Point	369933	14225	15.3	12.803	929	11.5	91.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
OCT — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 63									.0									1	1		
2/ 61								.0										3	3		
/ 59						.0	.0	.1										8	8		
/ 57							.0	.1										9	9		
5/ 55			.0		.0	.1	.1	.1										19	19		
4/ 53					.1	.1	.1	.0										23	23		
2/ 51			.1	.0	.0	.2	.1											37	37	1	
0/ 49			.0	.1	.1	.2	.1	.1										47	47	2	1
4/ 47		.0	.1	.1	.3	.2	.1	.0										71	71	15	
4/ 45		.1	.1	.2	.7	.3	.2											121	121	22	1
4/ 43		.1	.1	.7	.5	.2	.0											117	117	61	7
2/ 41		.1	.4	.9	.4	.1												131	131	58	11
0/ 39	.0	.3	1.0	1.1	.3	.0												210	210	83	20
3/ 37	.0	.6	1.4	1.1	.2													251	251	230	20
/ 35	.1	2.0	2.4	.9	.1													412	412	271	43
34/ 33	.4	2.7	3.4	1.0	.0													565	565	511	137
2/ 31	.4	4.2	3.8	.9														692	692	534	308
/ 29	.4	2.9	2.7	.2	.0													460	462	674	370
2/ 27	1.0	4.4	2.4	.2	.0													599	600	600	504
2/ 25	.6	6.1	1.4	.1														607	607	705	677
2/ 23	.3	3.9	1.2	.1														411	413	688	350
2/ 21	1.3	3.7	.6	.0														426	427	456	508
/ 19	1.0	4.8	.5															474	475	407	858
1/ 17	.3	2.9	.3															260	260	813	607
1/ 15	.2	2.7	.4															249	249	264	495
1/ 13	.2	2.0	.1															176	176	223	375
1/ 11	.2	1.8	.2															157	157	189	276
1/ 9	.2	1.5	.1															136	136	169	283
/ 7	.1	1.9																149	149	148	225
/ 5	.2	1.1																94	94	142	157
4/ 3	.2	1.3																116	116	106	189
/ 1	.1	1.2																100	100	109	185
/ -1	.6	.2																64	64	100	119
-/ -3	.9	.4																59	59	61	85

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
OCT — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
-- / -5	.2	.2																29	29	29	102
-- / -7	.2	.0																17	17	26	81
- / -9	.3																	19	19	22	82
- /-11	.3																	22	22	22	86
-1 /-13	.1																	11	11	11	34
-1 /-15	.3																	19	19	19	53
-1 /-17	.1																	11	11	11	35
-1 /-19	.1																	8	8	8	27
- /-21	.1																	5	5	5	18
- 2/-23	.0																	3	3	3	19
-2 /-25	.1																	4	4	4	9
-3 /-27	.1																	4	4	4	6
-3 /-29	.1																	8	8	8	12
- /-31	.1																	8	8	8	10
- 2/-33	.1																	8	8	8	17
-34/-35	.0																	3	3	3	16
-3 /-37																					14
- 4/-45																					1
TOTAL	10.6	53.1	23.0	7.7	2.9	1.5	.8	.4	.0									7433	7440	7433	7433

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	377789U7	519439	69.9	14.107	7433							
Dry Bulb	5906269	187229	25.2	12.672	7440	30.2	541.5					744
Wet Bulb	4787281	168547	22.7	11.397	7433	35.2	618.5					744
Dew Point	3125160	120342	16.2	12.583	7433	82.7	720.0					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — NOV MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 49					.1	.1												2	2		
[illegible] / 47					.3													3	3		
[illegible] / 43					.4													4	4		
[illegible] / 41					.1													1	1	1	
[illegible] / 39				.6														5	5	4	
[illegible] / 37				.3														3	3	[illegible]	
[illegible] / 35		.3	.1	.1														5	5	3	
38 / 33		.2		.3														5	5	10	
32 / 31	.7	.7	.3	.2														17	17	11	1[illegible]
[illegible] / 29	.1		.8	.2														10	10	9	8
[illegible] / 27		1.1	.4	.1														15	15	9	5
[illegible] / 25	.1	.9	.6															14	14	17	10
24 / 23	.1	1.0																10	10	23	8
22 / 21	1.0	1.3	.1															22	22	21	8
[illegible] / 19	1.6	3.1	.6															47	47	26	23
[illegible] / 17	.4	3.7	.1															38	38	39	29
[illegible] / 15	1.1	4.2	.1															49	49	45	19
36 / 13	.7	3.2																35	35	36	43
1 / 11	1.3	3.9																47	47	45	25
[illegible] / 9	1.0	3.8																43	43	44	36
[illegible] / 7	1.4	3.7	.1															47	47	54	46
[illegible] / 5	.4	2.7																26	28	46	26
[illegible] / 3	1.2	2.8																36	36	29	38
[illegible] / 1	.9	5.7																59	59	44	40
[illegible] / -1	2.4	1.3																34	34	51	39
[illegible] / -3	1.6	2.1																33	33	29	31
[illegible] / -5	2.6	2.3																44	44	44	34
[illegible] / -7	2.6	.2																25	25	37	31
[illegible] / -9	3.1																	28	28	30	34
[illegible] / -11	3.3																	30	30	30	34
-1[illegible] / -13	1.4																	13	13	13	21
-1[illegible] / -15	1.7																	15	15	15	34
-1[illegible] / -17	1.6																	14	14	14	23
-1[illegible] / -19	2.6																	23	23	23	38

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
NOV — MONTH
PAGE 2
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-21/-23	1.8																	16	16	16	20
-23/-25	1.7																	15	15	15	27
-25/-27	1.3																	12	12	12	27
-27/-29	1.3																	12	12	12	12
-29/-31	1.8																	16	16	16	12
-31/-33	1.3																	12	12	12	13
-33/-35	.9																	8	8	8	28
-35/-37	.3																	3	4	3	16
-37/-39	.1																	1	1	1	18
-39/-41																					9
-41/-43																					11
-43/-45																					8
-45/-47																					2
-47/-49																					1
TOTAL	45.5	48.3	3.2	1.9	1.0	.1												900			899
																	899		899		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4286000	60798	67.6	13.933	899							
Dry Bulb	261257	3305	3.7	16.647	900	35.5	87.2					90
Wet Bulb	231972	2534	2.8	15.823	899	38.1	88.0					90
Dew Point	308213	-4385	-4.9	17.872	899	52.0	90.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | NOV MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 49						.2												2	2			
[illegible] / 47					.1													1	1			
4 / 45				.1	.4													5	5			
[illegible]4 / 43				.1	.1													2	2			
[illegible]2 / 41				.4														4	4	1		
4 / 39				.3														3	3	3		
3 / 37		.1		.2														3	3	5		
[illegible] / 35		.4	.2	.3														9	9	7		
3 / 33		.1	.9															9	9	8	1	
2 / 31	.7	.4	.1	.1														12	12	11	10	
[illegible] / 29	.1	.6	.3															9	9	15	8	
[illegible] / 27	.1	1.0																10	10	6	11	
[illegible] / 25	.1	1.1	.2															13	13	15	13	
2 / 23	.1	1.4	.2															16	16	16	11	
2 / 21	.4	.9	.3															15	15	16	9	
[illegible] / 19	1.9	2.4	.2															41	41	32	20	
[illegible] / 17	1.1	3.5	.1															42	42	39	31	
1 / 15	.1	3.9	.1															37	37	28	22	
[illegible] / 13	1.2	3.1																39	39	46	24	
1 / 11	1.4	3.6	.2															47	47	42	26	
[illegible] / 9	.7	4.5																46	46	43	36	
[illegible] / 7	.3	3.7																36	36	40	38	
[illegible] / 5		1.6																14	14	37	25	
4 / 3	1.4	3.9																48	48	39	16	
[illegible] / 1	1.0	4.0																52	52	55	46	
[illegible] / -1	4.3	1.7																54	54	50	40	
-[illegible] / -3	2.8	2.8																50	50	53	46	
-[illegible] / -5	2.8	1.4																38	38	41	33	
-[illegible] / -7	2.9	.6																31	31	36	28	
-[illegible] / -9	2.1																	19	19	23	40	
-[illegible] / -11	3.5																	31	31	31	36	
-1 / -13	1.2																	11	11	11	34	
-[illegible] / -15	2.1																	19	19	19	40	
-1 / -17	1.6																	18	18	18	23	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 7050 | EIELSON AFB AK | 73-82 | NOV
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/-19	2.7																	24	24	24	26
[illegible]/-21	1.9																	17	17	17	22
2[illegible]/-23	1.6																	14	14	14	20
2[illegible]/-25	1.3																	12	12	12	28
[illegible]/-27	1.0																	9	9	9	16
[illegible]/-29	1.6																	14	14	14	18
[illegible]/-31	1.0																	9	9	9	15
2[illegible]/-33	1.1																	10	10	10	15
3[illegible]/-35	.7																	6	6	6	12
[illegible]/-37	.1																	1	1	1	23
[illegible]/-39																					10
[illegible]/-41																					8
2[illegible]/-43																					7
4[illegible]/-45																					7
TAL	47.8	46.7	3.0	1.7	.7	.2												898		898	898
																		898		898	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4250054	60550	67.4	13.657	898							
Dry Bulb	258981	3087	3.4	16.640	898	38.4	86.2					90
Wet Bulb	231215	2307	2.6	15.848	898	39.5	87.6					90
Dew Point	311027	-4653	-5.2	17.885	898	54.8	89.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — NOV MONTH

PAGE 1 — 0600-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4 / 47					.2	.1												3	3		
4 / 45				.2	.3													5	5		
4 / 43				.1	.1													2	2		
2 / 41		.1	.1	.2	.1													5	5		
4 / 39			.2	.1														3	3	7	
3 / 37				.2	.3													5	5	5	1
6 / 35		.4	.1	.1														6	6	5	
3 / 33		.4	.3	.1														8	8	7	2
2 / 31	.6	.8	.6															17	17	11	13
3 / 29	.2	.3	.1															6	6	17	8
7 / 27	.2	.6																7	7	10	6
6 / 25		2.0	.4															22	22	10	16
24 / 23	.1	.9	.2															11	11	21	5
2 / 21	.6	.6	.2															12	12	14	12
7 / 19	2.3	3.0	.1															49	49	26	33
1 / 17	1.0	1.6	.2															25	25	42	23
1 / 15	.3	2.9	.1															30	30	16	17
10 / 13	1.4	4.0																49	49	45	26
1 / 11	1.9	3.0																43	43	47	23
1 / 9	.3	4.9																47	47	41	29
/ 7		4.8																43	43	45	37
/ 5	.3	2.6																26	26	46	17
/ 3	.9	4.6																49	49	48	25
2 / 1	.9	5.1																54	54	48	53
/ -1	3.0	1.3																39	39	43	40
-2 / -3	2.7	2.8																49	49	53	44
-4 / -5	4.1	.8																44	44	45	39
-6 / -7	3.3	.6																35	35	38	34
- / -9	2.7																	24	24	28	30
-10 / -11	2.1																	19	19	19	46
-12 / -13	1.7																	15	15	15	30
-14 / -15	2.3																	21	21	21	33
-16 / -17	1.6																	14	14	14	32
-18 / -19	2.0																	18	18	18	31

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-[illegible]/-21	2.1																	19	19	19	24
-2/-23	1.3																	12	12	12	20
-24/-25	1.1																	10	10	10	16
-[illegible]/-27	.9																	8	8	8	26
-[illegible]/-29	1.3																	12	12	12	17
-[illegible]/-31	1.9																	17	17	17	11
-2/-33	.6																	5	5	5	8
-34/-35	1.3																	12	12	12	14
-3[illegible]/-37																					14
-3[illegible]/-39																					16
-[illegible]/-41																					16
-[illegible]2/-43																					4
-44/-45																					6
-4[illegible]/-49																					1
TOTAL	47.0	47.9	2.8	1.1	1.1	.1											900		900		900

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4252555	60699	67.4	13.291	900							
Dry Bulb	261074	3008	3.3	16.710	900	37.3	86.3					90
Wet Bulb	234073	2225	2.5	15.945	900	38.9	87.6					90
Dew Point	314443	-4731	-5.3	17.947	900	55.4	89.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | NOV MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4 / 47					•1													1	1		
4 / 45				•1	•2													3	3		
4 / 43				•3	•4													7	7		
2 / 41				•3	•1													4	4		
4 / 39				•3	•1													4	4	2	
2 / 37				•1	•2													3	3	7	
/ 35		•4	•2															6	6	8	
3 / 33		•6	•6															10	10	11	
/ 31	•4	•8	•4															15	15	12	11
/ 29		•6																5	5	13	12
/ 27		1•6	•2															16	16	8	6
/ 25	•1	•9	•2															11	11	17	13
3 / 23		1•3	•1															13	13	14	12
/ 21	1•0	1•9	•2															28	28	21	20
/ 19	2•2	2•6	•4															47	47	35	24
/ 17	1•3	2•6	•2															37	37	40	32
/ 15	•1	3•9	•2															38	38	35	19
/ 13	•6	3•3																35	35	33	25
/ 11	•2	4•4	•1															48	48	37	29
/ 9	•3	5•2																50	50	51	30
/ 7	•7	4•7																48	48	51	28
/ 5	•2	2•9																28	28	56	20
/ 3	•6	3•6																37	37	38	42
/ 1	•4	5•8																56	56	43	47
/ -1	3•3	1•8																46	46	48	43
-2 / -3	2•9	3•0																53	53	56	33
-4 / -5	2•7	1•4																37	37	42	43
-6 / -7	3•0	•9																31	31	37	29
-8 / -9	2•1																	19	19	21	40
-10 / -11	2•3																	21	21	21	42
-12 / -13	•8																	7	7	7	28
-14 / -15	2•8																	22	22	22	38
-16 / -17	1•3																	12	12	12	29
-18 / -19	1•9																	17	17	17	29

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | NOV MONTH

 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-[illegible]/-21	1.6																	14	14	14	17
2[illegible]/-23	2.1																	19	19	19	25
-2[illegible]/-25	1.3																	12	12	12	19
-2[illegible]/-27	1.2																	11	11	11	21
-2[illegible]/-29	1.4																	13	13	13	16
-[illegible]/-31	1.1																	10	10	10	10
-3[illegible]/-33	.4																	4	4	4	15
-34/-35	.2																	2	2	2	14
-3[illegible]/-37																					8
-3[illegible]/-39																					15
-[illegible]/-41																					7
-4[illegible]/-43																					4
-4[illegible]/-45																					3
-4[illegible]/-49																					2
TOTAL	41.0	53.6	3.0	1.2	1.2													900	900	900	900

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	4235137	60637	67.4	12.906	900							
Dry Bulb	254947	4117	4.6	16.206	900	35.0	86.2					90
Wet Bulb	226434	3280	3.6	15.446	900	36.8	87.2					90
Dew Point	290139	-3665	-4.1	17.497	900	53.0	90.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
NOV — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
47 / 47					.1	.1												2	2		
45 / 45					.7													6	6		
44 / 43				.3	.3													6	6		
42 / 41				.4	.3													7	7		
40 / 39		.1		.6	.1													7	7	4	
39 / 37		.2	.3															5	5	10	
36 / 35		.1	.2	.1														4	4	10	1
34 / 33		.3	.4															7	7	9	1
32 / 31		1.0	.4	.2														15	15	7	6
30 / 29	.1	1.7	.8	.2														25	25	16	14
28 / 27		1.4	.2															15	15	20	8
26 / 25	.2	1.3	.2															16	16	25	18
24 / 23	.2	1.6	.2															18	18	20	13
22 / 21	2.1	1.4	.3															35	35	27	29
20 / 19	1.6	2.7	.2															40	40	28	43
18 / 17	.6	4.4	.3															48	48	31	26
16 / 15	.6	3.6	.2															39	39	51	18
14 / 13	1.0	5.0	.1															55	55	38	24
12 / 11	2.1	5.1																65	65	66	31
10 / 9	.9	4.1																45	45	59	41
8 / 7	.4	3.9																39	39	40	54
6 / 5	.2	2.4																24	24	47	31
4 / 3	.7	4.7																48	48	40	52
2 / 1	1.0	6.3																66	66	59	38
0 / -1	2.6	2.2																43	43	46	36
-2 / -3	1.7	3.3																45	45	48	36
-4 / -5	1.6	1.0																23	23	32	45
-6 / -7	1.6	.2																16	16	20	36
-8 / -9	2.2																	20	20	21	35
-10 / -11	1.6																	14	14	14	28
-12 / -13	1.6																	14	14	14	24
-14 / -15	1.6																	14	14	14	17
-16 / -17	2.4																	22	22	22	27
-18 / -19	2.0																	18	18	18	33

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-20/-21	1.4																	13	13	13	22
-22/-23	1.9																	17	17	17	13
-24/-25	.3																	3	3	3	14
-26/-27	.1																	1	1	1	18
-28/-29																					12
-30/-31																					9
-32/-33																					9
-34/-35																					8
-36/-37																					5
-38/-39																					4
-40/-41																					1
TOTAL	34.1	58.2	4.1	1.9	1.6		.1												900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4333307	61377	68.2	12.813	900							
Dry Bulb	259145	7307	8.1	14.909	900	26.3	85.6					90
Wet Bulb	221321	6301	7.0	14.040	900	28.3	86.7					90
Dew Point	231955	-407	-.5	16.056	900	45.2	89.8					90

USAFETAC FORM AUG 66 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — NOV MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 47					.1													1	1		
4[illegible] / 45					.4													4	4		
[illegible]4 / 43				.3	.3													6	6		
[illegible]2 / 41				.7	.6													11	11		
4[illegible] / 39			.1	.6														6	6	1	
3[illegible] / 37			.1	.2														3	3	10	
[illegible] / 35		.2	.1	.3														6	6	9	
34 / 33		.6	.4															9	9	12	
2[illegible] / 31	.2	.7	.3	.4														15	15	12	7
3[illegible] / 29	.2	1.0	.7	.1														18	18	13	12
[illegible] / 27	.1	1.1	.4															15	15	19	14
[illegible] / 25	.1	1.4	.4															18	18	17	19
24 / 23	.1	1.9																18	18	29	8
2[illegible] / 21	1.3	1.9	.4															33	33	29	21
[illegible] / 19	1.2	2.6	.1															35	35	26	43
1[illegible] / 17	.7	2.2	.2															28	28	28	17
1[illegible] / 15	.6	5.9																58	58	39	32
1[illegible] / 13	1.3	4.3	.1															49	49	50	25
1[illegible] / 11	1.8	3.8																50	50	57	30
1[illegible] / 9	1.1	4.1																47	47	54	40
[illegible] / 7	.6	2.4																27	27	37	37
[illegible] / 5	.4	4.7																46	46	45	30
[illegible] / 3	1.7	3.2																44	44	53	47
[illegible] / 1	.3	5.7																58	58	44	48
[illegible] / -1	3.4	1.4																44	44	52	43
-[illegible] / -3	1.6	2.9																40	40	42	33
-[illegible] / -5	1.6	2.0																32	32	30	35
-[illegible] / -7	2.2	.2																22	22	33	38
-[illegible] / -9	3.0																	27	27	29	41
-[illegible] / -11	1.8																	16	16	16	27
-1[illegible] / -13	1.8																	16	16	16	20
-[illegible] / -15	1.7																	15	15	15	28
-16 / -17	1.7																	15	15	15	31
-[illegible] / -19	1.7																	15	15	15	38

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
NOV — MONTH
PAGE 2
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-[illegible]/-21	2.2																	20	20	20	24
2[illegible]/-23	1.7																	15	15	15	18
-[illegible]/-25	1.6																	14	14	14	24
-[illegible]/-27	.3																	3	3	3	11
-[illegible]/-29	.1																	1	1	1	9
[illegible]0/-31																					12
-[illegible]/-33																					6
3[illegible]/-35																					14
-[illegible]/-37																					10
-[illegible]/-39																					7
-[illegible]/-41																					1
TOTAL	38.154.2	3.6	2.7	1.4															900		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4373690	61610	68.5	13.179	900							
Dry Bulb	257625	6303	7.0	15.410	900	29.5	85.4					90
Wet Bulb	221232	5358	6.0	14.512	900	31.6	86.8					90
Dew Point	246679	-1303	-1.4	16.501	900	47.0	90.0					90

USAFETAC FORM 0-26-5 (OL A) 84 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — NOV MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 49					.1													1	1		
4 / 47					.1	.1												2	2		
4 / 45					.3													3	3		
4 / 43				.2	.1													3	3		
2 / 41				.8	.3													10	10	1	
4 / 39			.2	.1	.1													4	4	3	
3 / 37			.2	.6	.2													9	9	5	
2 / 35		.1		.3														4	4	10	
34 / 33		.6	.2	.3														10	10	10	
2 / 31	.3	.2	.6	.1														11	11	14	11
0 / 29	.3	.7	.2	.1														12	12	9	7
2 / 27	.3	.9	.7															17	17	20	7
2 / 25	.3	.9	.1															12	12	17	21
24 / 23		1.1	.2															12	12	13	7
2 / 21	1.8	1.2	.2															29	29	31	19
2 / 19	1.0	2.9	.1															36	36	25	37
1 / 17	.7	2.4																28	28	24	18
16 / 15	.7	5.7	.2															59	59	43	31
14 / 13	.6	4.6	.2															48	48	41	20
12 / 11	1.9	4.0																53	53	59	22
10 / 9	1.6	3.2																43	43	60	49
/ 7	.6	3.2																34	34	34	43
/ 5	.4	2.4																26	26	32	34
0 / 3	.9	3.0																35	35	45	35
/ 1	1.4	6.3																70	70	49	45
/ -1	2.4	1.3																34	34	49	30
-2 / -3	1.8	3.6																48	48	42	36
-4 / -5	1.7	1.1																25	25	37	39
-6 / -7	3.0	.3																30	30	34	40
-8 / -9	3.3																	30	30	31	34
-10 / -11	2.9																	26	26	26	27
-12 / -13	1.4																	13	13	13	17
-14 / -15	1.8																	16	16	16	33
-16 / -17	1.6																	18	18	18	33

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
NOV — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-18/-19	2.9																	26	26	26	35
-20/-21	1.0																	9	9	9	26
-22/-23	1.3																	12	12	12	21
-24/-25	1.2																	11	11	11	26
-26/-27	2.8																	25	25	25	15
-28/-29	.9																	8	8	8	12
-30/-31	.1																	1	1	1	13
-32/-33	.1																	1	1	1	18
-34/-35																					7
-36/-37																					10
-38/-39																					14
-40/-41																					4
-42/-43																					4
TOTAL	43.0	49.8	3.2	2.6	1.3	.1													900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4376935	61563	68.4	13.581	900							
Dry Bulb	259531	4803	5.3	16.130	900	32.9	85.4					90
Wet Bulb	226268	3934	4.4	15.250	900	35.5	87.1					90
Dew Point	274466	-2766	-3.1	17.200	900	49.4	90.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 49					.1													1	1		
[illegible] / 47					.1													1	1		
[illegible] / 45					.3													3	3		
[illegible] / 43				.1	.1													2	2		
[illegible] / 41				.3	.2													5	5	1	
[illegible] / 39			.1	.7	.1													8	8	1	
[illegible] / 37			.1	.4														5	5	4	
[illegible] / 35		.6	.2	.1														8	8	10	
34 / 33		.2	.1	.2														5	5	13	1
[illegible] / 31	.4	.6	.3	.3														15	15	10	11
[illegible] / 29	.3		.4	.2														9	9	11	7
[illegible] / 27	.2	.9	.1	.1														12	12	13	8
[illegible] / 25	.1	1.2	.4															16	16	13	15
24 / 23	.3	.8	.2															12	12	21	13
[illegible] / 21	1.1	2.0	.3															31	31	28	12
[illegible] / 19	.9	3.1	.3															39	39	26	23
[illegible] / 17	1.1	3.3																40	40	38	27
[illegible] / 15	.1	4.3	.1															41	41	39	32
[illegible] / 13	1.1	2.6	.1															36	36	35	19
[illegible] / 11	2.1	5.2	.1															67	67	51	33
[illegible] / 9	.9	3.9																43	43	60	39
[illegible] / 7	.7	2.7																30	30	37	41
[illegible] / 5	.3	2.2																23	23	34	27
[illegible] / 3	.4	2.9																30	30	33	43
[illegible] / 1	.9	4.7																50	50	35	45
[illegible] / -1	4.0	1.2																47	47	55	21
[illegible] / -3	2.6	1.8																39	39	42	39
[illegible] / -5	2.9	1.6																40	40	38	34
[illegible] / -7	3.7	.4																37	37	45	25
[illegible] / -9	2.7																	24	24	26	35
[illegible] / -11	2.0																	18	18	18	34
-12 / -13	2.0																	18	18	18	23
-14 / -15	1.6																	14	14	14	38
-16 / -17	2.1																	19	19	19	23

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]2650 | EIELSON AFB AK | 73-82 | NOV
STATION | STATION NAME | YEARS | MONTH

 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/-19	2.7																	24	24	24	36
[illegible]/-21	1.3																	12	12	12	21
2[illegible]/-23	2.[illegible]																	18	18	18	21
[illegible]/-25	1.7																	15	15	15	24
[illegible]/-27	1.7																	15	15	15	18
[illegible]/-29	1.3																	12	12	12	12
[illegible]/-31	1.[illegible]																	9	9	9	25
2[illegible]/-33	.6																	5	5	5	20
3[illegible]/-35	.2																	2	2	2	15
[illegible]/-37																					12
[illegible]/-39																					6
[illegible]/-41																					12
[illegible]/-43																					7
[illegible]/-45																					3
TOTAL	47.0	46.3	3.1	2.6	1.0													900	900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4286883	60915	67.7	13.505	900							
Dry Bulb	266142	3904	4.2	16.678	900	36.8	86.2					90
Wet Bulb	235822	3000	3.3	15.849	900	38.7	87.1					90
Dew Point	305645	-3905	-4.3	17.920	900	50.4	89.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK 73-82 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 49					.3	.0												6	6		
4 / 47					.2	.0												14	14		
4 / 45				.1	.3													29	29		
4 / 43				.2	.3													32	32		
3 / 41		.0	.0	.4	.2													47	47	4	
3 / 39		.0	.1	.4	.1													40	40	25	
3 / 37		.0	.1	.3	.1													36	36	48	1
3 / 35		.3	.2	.2														48	48	62	1
3 / 33		.4	.4	.1														63	63	80	5
2 / 31	.4	.6	.4	.2														117	117	88	79
2 / 29	.2	.6	.4	.1														94	94	103	76
2 / 27	.1	1.1	.3	.0														107	107	105	65
1 / 25	.1	1.2	.3															122	122	131	131
1 / 23	.1	1.3	.2															110	110	157	77
2 / 21	1.2	1.4	.3															205	205	197	130
1 / 19	1.6	2.8	.3															334	334	224	246
1 / 17	.9	3.0	.2															286	286	281	203
1 / 15	.4	4.3	.1															351	351	296	190
1 / 13	.9	3.8	.1															346	346	324	236
1 / 11	1.7	4.1	.1															420	420	404	219
1 / 9	.8	4.2																364	364	412	302
1 / 7	.6	3.6	.2															304	304	338	324
1 / 5	.3	2.7																215	215	343	210
1 / 3	1.0	3.6																327	327	325	300
1 / 1	1.1	5.4																465	465	377	362
1 / -1	3.2	1.5																341	341	394	292
0 / -3	2.2	2.8																357	357	365	298
0 / -5	2.5	1.5																283	283	309	302
0 / -7	2.8	.4																227	227	280	261
0 / -9	2.7																	191	191	209	289
0 / -11	2.4																	175	175	175	274
-1 / -13	1.5																	107	107	107	197
-1 / -15	1.9																	136	136	136	281
-1 / -17	1.7																	124	124	124	218

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
NOV — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1 /-19	2.3																	165	165	165	266
- /-21	1.7																	120	120	120	176
-2/-23	1.7																	122	122	122	165
-2 /-25	1.2																	89	89	89	178
-3 /-27	1.2																	84	84	84	137
-3 /-29	1.1																	76	76	76	108
-3 /-31	.8																	58	58	58	108
-2/-33	.5																	33	33	33	119
-34/-35	.3																	25	26	25	100
-3 /-37	.0																	2	2	2	100
-3 /-39																					83
- /-41																					59
-2/-43																					34
-4/-45																					21
-4 /-47																					1
-4 /-49																					3
TOTAL	42.9	50.6	3.3	1.9	1.2	.1											7197	7198	7197	7197

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	34394561	488149	67.8	13.363	7197							
Dry Bulb	2078702	35734	5.0	16.254	7198	271.7	688.5					720
Wet Bulb	1828337	28939	4.0	15.424	7197	287.4	698.1					720
Dew Point	2282567	-25815	-3.6	17.445	7197	407.2	719.3					720

USAFETAC FORM AA 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
DEC — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4 / 45					.1													1	1		
2/ 41			.4															3	3		
4 / 39				.6														5	5		
3 / 37				.1														1	1	4	
4 / 35			.1															1	1	1	
34/ 33		.1		.2														3	3	5	
2/ 31			.2	.1														3	3	2	3
/ 29	.1		.4															4	4	1	
2 / 27		.4	.2	.4														8	8	6	3
/ 25	.1	.6	.1															7	7	7	7
24/ 23		.6																5	5	9	2
2/ 21	.5	.5	.4															11	11	11	7
/ 19	.7	.6	.4															14	14	9	11
1 / 17	.5	1.3	.1															16	17	15	7
1 / 15	.7	1.5																19	19	23	14
14/ 13	.4	1.9																19	19	12	12
1 / 11	.8	1.2																17	17	23	10
1 / 9	.9	1.1																17	17	19	19
/ 7	.6	1.9																21	21	17	20
/ 5	.2	3.4																31	31	34	15
/ 3	1.2	2.2																29	29	30	18
/ 1	1.3	4.6																50	50	41	28
/ -1	3.6	.°																39	39	47	25
-2/ -3	1.9	2.4																36	36	31	23
-4/ -5	2.9	1.9																41	41	46	21
-6/ -7	3.9	.7																39	39	43	34
-8/ -9	6.2																	53	53	57	23
-10/-11	4.6																	39	39	39	20
-12/-13	2.7																	23	23	23	22
-14/-15	5.2																	48	48	48	35
-16/-17	3.2																	27	27	27	38
-18/-19	2.9																	25	25	25	44
-20/-21	3.4																	29	29	29	31
-22/-23	2.5																	21	21	21	44

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 265C — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
DEC — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-2?/-25	2.8																	24	24	24	26
-2?/-27	1.9																	16	16	16	44
-2?/-29	2.9																	25	25	25	32
-?/-31	1.2																	10	10	10	24
-2?/-33	2.6																	22	24	22	21
-34/-35	1.8																	15	21	15	22
-3?/-37																			27		43
-?/-39	.2																	2	6	2	22
-?/-41																			11		12
-?/-43	.6																	5	19	5	14
-44/-45	.4																	3	11	3	6
-4?/-47	.7																	6	6	6	2
-4?/-49	.7																	6	10	6	12
-?/-51	1.8																	15	15	15	5
-?/-53																					6
-?/-55																					6
-5?/-57																					15
TOTAL	68.6	27.6	2.2	1.4	.1														927		850
																		850		850	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3523272	53662	63.1	12.633	850							
Dry Bulb	432591	-8841	-9.5	19.393	927	64.3	91.6					93
Wet Bulb	299759	-6265	-7.4	17.282	850	63.6	91.9					93
Dew Point	527236	-13880	-16.3	18.816	850	73.7	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — DEC MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 43				.1														1	1		
2/ 41			.1	.1														2	2		
4/ 39				.4														3	3		
3/ 37			.1	.1														2	2	3	
3/ 35					.1													1	1	3	
3/ 33																				1	
2/ 31		.2	.7	.1														9	9	1	2
3/ 29			.4															3	3	6	2
2/ 27			.1															1	1	3	4
6/ 25		.7																6	6	4	1
24/ 23		.4																3	3	9	3
2/ 21	.7	.2	.4															11	11	8	4
9/ 19	1.3	.9																19	19	16	17
/ 17	.8	.8	.2															16	16	17	9
1/ 15	.7	1.2	.2															18	18	14	14
1/ 13	.1	1.8																16	16	12	16
12/ 11	1.9	1.6																30	30	32	7
1/ 9	.7	2.0																23	23	23	11
/ 7	1.1	1.8																24	24	25	27
/ 5	.9	2.5																29	29	32	19
4/ 3	.4	2.0																20	20	22	23
/ 1	.8	3.9																40	40	36	21
/ -1	2.2	1.5																32	32	29	25
-1/ -3	2.2	1.8																34	34	40	19
-4/ -5	3.5	1.6																44	44	46	16
-4/ -7	4.0	.8																41	41	42	26
-3/ -9	5.6																	48	48	52	29
-1/-11	5.6																	48	48	48	35
-1/-13	3.6																	31	31	31	15
-1/-15	4.1																	35	35	35	32
-1/-17	3.4																	29	29	29	35
-1/-19	4.6																	39	39	39	38
/-21	2.5																	21	21	21	38
2/-23	2.8																	29	29	29	40

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | DEC MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2?/-25	2.6																	22	22	22	45
-2?/-27	1.8																	15	15	15	37
-2?/-29	2.3																	20	20	20	37
-?/-31	1.3																	11	11	11	13
-2?/-33	2.8																	24	25	24	21
-3?/-35	2.1																	18	26	16	26
-3?/-37	.1																	1	23	1	28
-3?/-39	.1																	1	10	1	22
-?/-41																			16		20
-2?/-43	.4																	3	15	3	12
-4?/-45	.8																	7	10	7	15
-4?/-47	.5																	4	8	4	2
-4?/-49	.6																	5	6	5	11
-?/-51	1.4																	12	12	12	8
-2?/-53	.7																	6	6	6	4
-4?/-55																					5
-5?/-57																					12
-?/-59																					6
TOTAL	71.1	25.7	2.2	.8	.1														928		852
																		852		852	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	3601036	54250	63.7	13.131	852							
Dry Bulb	436610	-9230	-9.9	19.286	928	65.2	92.1					93
Wet Bulb	307500	-6600	-7.7	17.357	852	63.9	92.2					93
Dew Point	549350	-14114	-16.6	19.103	852	73.4	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 43				.1														1	1		
2/ 41				.1														1	1		
4 / 39				.4														3	3		
3 / 37																				1	
2 / 35																				3	
34/ 33		.1	.2	.1														4	4	1	
2/ 31		.1	.1	.2														4	4	1	
2 / 29			.5															4	4	4	
2 / 27			.1															1	1	2	5
2 / 25	.1	.6	.2															8	8	6	3
24/ 23		.5																4	4	6	2
2/ 21	.2	.5																6	6	11	2
2 / 19	2.1	.9	.1															27	27	22	10
1 / 17	.8	1.3																18	18	14	24
1 / 15	.4	1.4	.2															17	17	14	12
14/ 13	.5	1.4																16	16	17	12
1 / 11	1.7	1.2																24	24	27	12
1 / 9	.5	1.9																20	20	19	17
/ 7	.6	1.5																18	18	18	18
/ 5	.2	2.7																25	25	26	13
4/ 3	.9	3.7																39	39	36	23
/ 1	.8	3.1																33	33	32	21
/ -1	2.2	.7																25	25	32	19
-2/ -3	2.6	2.7																47	47	36	22
-4/ -5	3.3	.9																36	36	51	21
-6/ -7	3.9	1.9																45	45	42	27
- / -9	4.6																	39	39	44	25
-10/-11	6.3																	53	53	53	30
-12/-13	3.8																	32	32	32	13
-14/-15	5.5																	47	47	47	36
-16/-17	4.5																	38	38	38	28
-18/-19	2.4																	20	20	20	52
- /-21	3.7																	31	31	31	48
-22/-23	2.5																	21	21	21	41

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION | EIELSON AFB AK STATION NAME | 73-82 YEARS | DEC MONTH

0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-2[illegible]/-25	2.4																	20	20	20	43
-2[illegible]/-27	.9																	8	8	8	32
-2[illegible]/-29	1.4																	12	12	12	23
-3[illegible]/-31	3.0																	25	25	25	19
-3[illegible]/-33	1.9																	16	17	16	21
-34/-35	1.9																	16	27	16	34
-3[illegible]/-37	.2																	2	25	2	27
-3[illegible]/-39	.1																	1	17	1	8
-4[illegible]/-41	.1																	1	11	1	26
-42/-43	.6																	5	16	5	23
-4[illegible]/-45	.5																	4	10	4	9
-46/-47	.7																	6	11	6	
-4[illegible]/-49	.9																	8	8	8	11
-[illegible]/-51	.8																	7	7	7	5
-5[illegible]/-53	1.1																	9	9	9	6
-[illegible]/-55																					8
-5[illegible]/-57																					7
-5[illegible]/-59																					9
TOTAL	70.8	26.7	1.5	.9														847	930	847	847

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3553231	53709	63.4	13.204	847							
Dry Bulb	439527	-9545	-10.3	19.175	930	65.7	92.1					93
Wet Bulb	302325	-6657	-7.9	17.191	847	64.5	92.5					93
Dew Point	541944	-14200	-16.8	18.952	847	73.9	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41				.5														4	4		
4 / 39			.1															1	1		
3 / 37			.1		.2													3	3	1	
36/ 35					.4													3	3	4	
34/ 33				.1	.1													2	2	1	
32/ 31			.1															1	1		
/ 29			.6															5	5	4	2
2 / 27		.1		.4														4	4	4	4
/ 25	.2	.5																6	6	8	2
24/ 23	.1	.1	.1															3	3	6	2
22/ 21	.7	.5	.2															12	12	11	1
/ 19	1.4	1.1	.2															23	23	19	13
1 / 17	.5	.4	.1															8	8	12	12
14/ 15	.4	1.2	.1															14	14	10	18
12/ 13	1.0	1.1	.1															18	18	16	10
1 / 11	1.2	1.2	.1															21	21	20	12
10/ 9	1.2	1.5																23	23	27	12
/ 7	.5	1.8																19	19	17	15
/ 5	1.0	2.9																32	32	32	17
5/ 3	1.2	1.4																22	22	28	23
/ 1	1.3	5.8																60	60	51	26
/ -1	3.3	1.2																38	38	41	26
-2/ -3	3.7	2.1																49	49	47	18
-4/ -5	2.5	1.8																36	36	40	23
-6/ -7	3.3	.5																32	32	39	34
-8/ -9	4.4																	37	38	38	29
-10/-11	6.6																	55	55	55	30
-12/-13	4.2																	35	35	35	29
-14/-15	4.1																	34	34	34	27
-16/-17	3.2																	27	27	27	21
-18/-19	4.3																	36	36	36	50
-20/-21	2.9																	28	28	28	39
-22/-23	3.1																	26	26	26	49
-24/-25	1.7																	18	18	18	38

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Hour: No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
DEC — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-2 /-27	1.8																	15	15	15	28
-2 /-29	1.8																	15	15	15	23
-3 /-31	2.0																	17	17	17	14
-2 /-33	1.7																	14	18	14	28
-34/-35	1.3																	11	25	11	43
-3 /-37	.1																	1	19	1	29
-3 /-39	.1																	1	20	1	8
- /-41	.5																	4	17	4	14
- 2/-43	.1																	1	13	1	16
-4 /-45	.5																	4	11	4	8
-4 /-47	1.1																	9	11	9	6
-4 /-49	.5																	4	4	4	7
- /-51	1.3																	11	11	11	4
- 2/-53	.6																	5	6	5	9
- 4/-55																					4
-5 /-57																					11
-5 /-59																					5
TOTAL	71.2	25.1	2.0	1.0	.7														930		839
																		839		839	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3462543	52789	62.9	12.977	839							
Dry Bulb	432266	-9188	-9.9	19.173	930	64.6	91.7					93
Wet Bulb	283198	-6064	-7.2	16.901	839	63.0	92.3					93
Dew Point	510110	-13682	-16.3	18.506	839	74.3	93.0					93

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 1
1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 41				.2														2	2		
4 / 39			.1	.1	.4													5	5		
3 / 37		.1	.2	.1	.1													5	5		
2 / 35			.1	.2														3	3	7	
3 / 33			.2	.2														4	4	1	
2 / 31		.1																1	1	6	3
2 / 29			.1	.4														4	4	4	3
2 / 27		.4		.1														4	4	2	4
2 / 25		.2																2	2	5	
2 / 23		.4	.2															5	5	8	1
2 / 21	.0	.2	.1															11	11	9	5
1 / 19	.5	1.1	.4															16	16	15	13
1 / 17	.1	1.5	.2															16	16	7	6
1 / 15	.8	1.4	.6															24	24	25	13
1 / 13	1.2	.2																12	12	21	19
1 / 11	1.9	1.3																27	27	23	17
1 / 9	.6	2.6	.1															28	28	27	14
/ 7	.9	2.3																28	28	24	17
/ 5	.7	1.8																21	21	30	10
/ 3	.9	2.7																31	31	27	33
/ 1	1.1	5.2																53	53	41	29
/ -1	4.1	.7																41	41	58	24
- / -3	3.4	2.3																49	49	42	25
-4/ -5	2.3	1.4																32	32	39	19
-6/ -7	4.1	1.4																47	47	48	35
-8/ -9	6.3																	54	54	59	28
-10/-11	4.0																	34	34	34	37
-12/-13	4.0																	34	34	34	23
-14/-15	3.0																	26	26	26	41
-16/-17	2.8																	24	24	24	33
-18/-19	3.2																	27	27	27	39
-20/-21	3.7																	32	32	32	34
-22/-23	2.3																	20	20	20	36
-24/-25	2.0																	17	17	17	33

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 7650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
DEC — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/-27	1.6																14	14	14	36
[illegible]/-29	3.0																26	28	26	16
/-31	1.3																11	13	11	20
[illegible]/-33	2.[illegible]																17	19	17	33
[illegible]/-35	.8																7	14	7	31
/-37	.2																2	20	2	25
[illegible]/-39	.4																3	16	3	15
/-41	.2																2	24	2	16
[illegible]/-43	.8																7	11	7	13
[illegible]/-45	.6																5	7	5	11
[illegible]/-47	.8																7	7	7	3
[illegible]/-49	1.3																11	13	11	12
/-51	.4																3	4	3	5
/-53																				7
[illegible]/-55																				11
[illegible]/-57																				3
TOTAL	6.4	27.3	2.5	1.4	.5												854	929	854	854

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3585557	54241	63.5	12.834	854							
Dry Bulb	403083	-7963	-8.6	18.995	929	62.8	91.1					93
Wet Bulb	277885	-5505	-6.4	16.857	854	62.6	92.1					93
Dew Point	491180	-13102	-15.3	18.444	854	72.6	93.0					93

USAFETAC FORM 0-26-5 (OL A) [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 41				.1	.1	.1												3	3		
60/ 39			.1	.1	.1													3	3		
3 / 37		.1	.5	.2	.4													10	10	1	
3 / 35				.1	.1													2	2	6	
34/ 33		.4																3	3	3	
2/ 31		.4																3	3	7	3
/ 29			.4															3	3	7	2
/ 27		.1		.1														2	2	1	7
/ 25		.4	.4															6	6	3	3
29/ 23	.2	.1	.5															7	7	6	2
2/ 21	.8	.4																10	10	15	6
3/ 19	.7	.7	.1															13	13	14	11
/ 17	.5	1.6	.4															21	21	12	9
1/ 15	.8	.9	.1															16	16	25	15
19/ 13	.6	.8	.1															13	13	13	16
/ 11	2.1	1.3																29	29	24	11
/ 9	.5	1.8																19	19	20	16
/ 7	.5	2.1																22	22	19	23
/ 5	.6	1.5																18	18	28	7
/ 3	1.5	1.9																29	29	27	18
/ 1	1.3	5.4																57	57	40	31
/ -1	6.3	.6																59	59	77	25
- / -3	2.2	1.3																30	30	28	23
- / -5	3.7	1.6																46	46	44	19
- / -7	3.5	1.3																41	41	43	43
- / -9	5.6																	48	48	55	33
/ -11	3.7																	32	32	32	28
-1 / -13	3.5																	30	30	30	22
-1 / -15	4.2																	34	34	34	38
-1 / -17	3.2																	27	27	27	31
-1 / -19	3.5																	30	30	30	35
-2 / -21	4.3																	41	41	41	39
- 2 / -23	2.1																	18	18	18	35
-2 / -25	1.9																	12	12	12	44

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
DEC — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-3 /-27	1.6																	14	14	14	25
-2 /-29	3.2																	27	27	27	29
- /-31	1.1																	9	10	9	29
-1 /-33	2.2																	19	22	19	40
-3 /-35	1.2																	10	15	10	29
-2 /-37	.2																	2	21	2	14
-3 /-39	.1																	1	14	1	16
- /-41	.4																	3	20	3	19
-2 /-43	.5																	4	12	4	20
-1 /-45	.8																	7	10	7	3
-1 /-47	.6																	5	5	5	3
-1 /-49	1.5																	13	14	13	14
- /-51	.4																	3	5	3	7
-1 /-53																			1		5
-4 /-55																					13
-5 /-57																					3
TOTAL	71.4	24.6	2.5	.7	.7	.1												854	927	854	854

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3619694	54454	63.8	13.151	854							
Dry Bulb	412422	-8116	-8.8	19.200	927	64.0	90.9					93
Wet Bulb	286038	-5660	-6.6	17.169	854	64.0	91.9					93
Dew Point	504096	-13206	-15.5	18.750	854	73.4	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
DEC — MONTH

1600-2700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4 / 39			.2	.1	.4													6	6		
/ 37			.2	.4	.1													6	6	1	
/ 35			.1	.1														2	2	2	
3 / 33			.2		.1													3	3	4	
2 / 31		.4		.1														4	4	9	3
/ 29			.4															3	3	3	
/ 27		.4	.2	.1														6	6	1	5
/ 25		.5	.7															10	10	9	1
/ 23	.1	.2	.4															6	6	9	3
2 / 21		.2	.1															3	3	4	6
/ 19	1.2	.7																16	16	18	7
/ 17	.6	.8																12	12	11	11
/ 15	.5	1.4	.2															18	18	11	16
1 / 13	.9	1.3																19	19	19	17
1 / 11	1.1	1.5																22	22	20	13
/ 9	1.1	1.6																23	23	25	19
/ 7	.4	2.0	.2															22	22	22	16
/ 5	.4	1.6																17	17	23	9
/ 3	.7	2.9																31	31	28	20
/ 1	.2	6.2																60	60	50	29
/ -1	3.3	.5																32	32	47	19
/ -3	2.2	1.8																34	34	36	23
-1 / -5	4.2	2.0																53	53	56	33
/ -7	3.5	1.9																46	46	47	31
/ -9	5.2																	44	44	53	25
/ -11	3.7																	32	32	32	28
-1 / -13	3.9																	33	33	33	24
/ -15	4.4																	38	38	38	37
/ -17	2.7																	23	23	23	36
/ -19	3.7																	32	32	32	37
/ -21	4.9																	42	42	42	40
2 / -23	1.9																	16	16	16	30
/ -25	2.3																	20	20	20	34
/ -27	1.8																	15	15	15	41

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
DEC — MONTH
PAGE 2
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-[illegible]/-29	2.5																	21	21	21	27
-[illegible]/-31	1.5																	13	13	13	24
-2[illegible]/-33	2.2																	19	22	19	33
-3[illegible]/-35	1.5																	13	20	13	36
-3[illegible]/-37																			18		14
-3[illegible]/-39	.1																	1	13	1	19
-[illegible]/-41	.5																	4	21	4	21
-[illegible]2/-43	.6																	5	15	5	10
-[illegible]4/-45	.4																	3	6	3	12
-4[illegible]/-47	.8																	7	7	7	4
-[illegible]/-49	.7																	6	9	6	11
-[illegible]/-51	1.5																	13	13	13	4
-[illegible]2/-53																					7
-[illegible]4/-55																					6
-5[illegible]/-57																					13
TOTAL	67.7	27.9	3.0	.8	.6														927		854
																		854		854	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3587899	54249	63.5	12.894	854							
Dry Bulb	422135	-8671	-9.4	19.191	927	64.0	91.3					93
Wet Bulb	296674	-6244	-7.3	17.155	854	63.5	92.2					93
Dew Point	521236	-13800	-16.2	18.699	854	73.9	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — DEC MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4 / 39			.2	.5														6	6		
3 / 37			.1	.2														3	3	1	
3 / 35					.2													2	2	3	
3 / 33			.2	.1														3	3	3	
3 / 31		.1	.1	.2														4	4	2	3
/ 29	.1	.2	.2	.1														6	6	4	1
/ 27		.2	.5	.1														7	7	6	2
/ 25		.7	.2	.1														9	9	7	4
/ 23		.5	.2															6	6	12	3
/ 21	.2	.4	.4															8	8	10	5
/ 19	1.2	.8	.2															19	19	17	11
/ 17	.1	.4	.1															5	5	9	14
/ 15	.6	1.2																15	15	10	9
/ 13	.8	2.6																29	29	18	14
/ 11	.4	.8																10	10	23	10
/ 9	1.5	1.4																25	25	25	20
/ 7	.5	1.5																17	17	18	21
/ 5	.1	2.5																22	22	19	16
/ 3	1.1	3.2																36	36	37	14
/ 1	1.1	4.5																47	47	40	17
/ -1	3.3	1.3																39	39	43	26
/ -3	2.2	2.5																40	40	42	29
/ -5	3.9	1.9																49	49	47	24
/ -7	3.2	.9																35	35	42	26
/ -9	5.4																	46	46	50	21
/ -11	4.7																	40	40	40	29
/ -13	3.9																	33	33	33	33
/ -15	3.8																	32	32	32	38
/ -17	3.3																	28	28	28	33
/ -19	3.9																	33	33	33	40
/ -21	3.4																	29	29	29	27
/ -23	2.1																	18	18	18	42
/ -25	2.5																	21	21	21	41
/ -27	2.5																	21	21	21	35

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 2
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-[illegible]/-29	2.7																	23	23	23	28
-[illegible]/-31	1.7																	14	14	14	30
-27/-33	1.9																	16	17	16	15
-3[illegible]/-35	1.4																	12	22	12	29
-3[illegible]/-37	.1																	1	32	1	35
-[illegible]/-39	.5																	4	9	4	22
-[illegible]/-41																			10		13
-27/-43	.6																	5	17	5	11
-47/-45	.1																	1	7	1	9
-4[illegible]/-47	.9																	8	8	8	2
-4[illegible]/-49	1.1																	9	10	9	11
-[illegible]/-51	1.1																	9	12	9	4
-27/-53	.4																	3	3	3	8
-47/-55																					9
-5[illegible]/-57																					9
-5[illegible]/-59																					3
TOTAL	68.2	27.6	2.6	1.4	.2													848	927	848	848

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3524816	53602	63.2	12.701	848							
Dry Bulb	431777	-8901	-9.6	19.339	927	65.0	91.6					93
Wet Bulb	297466	-6242	-7.4	17.232	848	64.0	92.2					93
Dew Point	521285	-13817	-16.3	18.699	848	75.0	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — DEC MONTH

 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4../ 45					.0													1	1		
44/ 43				.0														2	2		
42/ 41			.1	.1	.0	.0												15	15		
40/ 39			.1	.3	.1													32	32		
38/ 37		.0	.2	.1	.1													30	30	12	
3../ 35			.0	.1	.1													14	14	29	
34/ 33		.1	.1	.1	.0													22	22	19	
32/ 31		.2	.2	.1														29	29	28	17
30/ 29	.0	.0	.4	.1														32	32	33	10
2../ 27		.2	.1	.1														33	33	25	34
26/ 25	.1	.5	.2	.0														54	54	49	21
24/ 23	.1	.3	.2															39	39	65	18
22/ 21	.5	.4	.2															72	72	81	36
2../ 19	1.1	.9	.2															147	147	130	93
1../ 17	.5	1.0	.1															112	113	97	92
1../ 15	.6	1.3	.2															141	141	127	111
12/ 13	.7	1.4	.0															142	142	128	116
1../ 11	1.4	1.3	.0															180	180	189	92
10/ 9	.9	1.7	.0															178	178	185	128
8../ 7	.6	1.9	.0															171	171	160	157
6../ 5	.5	2.4																195	195	224	106
4../ 3	1.0	2.5																237	237	235	172
2../ 1	1.1	4.8																400	400	331	202
0../ -1	3.6	.9																305	305	374	191
-2/ -3	2.6	2.1																319	319	296	182
-4/ -5	3.3	1.6																337	337	363	176
-6/ -7	3.7	1.1																326	326	346	256
-8/ -9	5.4																	369	370	408	209
-10/-11	4.9																	333	333	333	237
-12/-13	3.7																	251	251	251	181
-14/-15	4.3																	290	290	290	284
-16/-17	3.3																	223	223	223	255
-18/-19	3.6																	242	242	242	335
-20/-21	3.7																	289	289	289	301

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 — STATION
EIELSON AFB AK — STATION NAME
73-82 — YEARS
DEC — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-20/-23	2.4																	164	164	164	317
-24/-25	2.2																	150	150	150	306
-26/-27	1.7																	118	118	118	280
-28/-29	2.5																	169	171	169	210
-30/-31	1.6																	110	113	110	168
-32/-33	2.2																	147	164	147	212
-34/-35	1.5																	102	170	102	250
-36/-37	.1																	9	185	9	215
-38/-39	.2																	14	105	14	132
-40/-41	.2																	14	130	14	141
-42/-43	.5																	35	118	35	119
-44/-45	.5																	34	72	34	73
-46/-47	.8																	52	63	52	22
-48/-49	.9																	62	74	62	89
-50/-51	1.1																	73	79	73	42
-52/-53	.3																	23	25	23	52
-54/-55																					62
-56/-57																					73
-58/-59																					23
TOTAL	69.7	26.6	2.3	1.1	.4	.0													7425		6798
																		6798		6798	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	28458048	430956	63.4	12.938	6798							
Dry Bulb	3410411	-70455	-9.5	19.218	7425	515.6	732.4					744
Wet Bulb	2350845	-49237	-7.2	17.129	6798	509.0	737.4					744
Dew Point	4161437	-109801	-16.2	18.744	6798	590.2	744.0					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/ 89														.0				3	3		
8/ 87											.0	.0	.0	.0				11	11		
6/ 85										.0	.0	.0	.0	.0				21	21		
4/ 83						.0			.0	.0	.0	.0	.0	.0				55	55		
2/ 81					.0	.0		.0	.0	.0	.0	.0	.0					96	96		
/ 79				.0		.0		.0	.0	.0	.1	.1	.0	.0				229	229		
7/ 77					.0		.0	.0	.1	.1	.1	.0	.0					316	316		
6/ 75				.0		.0	.0	.1	.1	.2	.1	.0	.0					510	510	2	
4/ 73				.0	.0	.0	.1	.2	.3	.1	.1	.0	.0					665	665	1	1
2/ 71				.0	.0	.1	.2	.3	.3	.1	.1	.0	.0					865	865	5	1
/ 69				.0	.1	.2	.2	.3	.2	.1	.1	.0						1047	1047	6	2
8/ 67			.0	.0	.1	.2	.4	.3	.2	.2	.0	.0						1238	1238	17	4
6/ 65		.0	.0	.1	.3	.3	.3	.3	.2	.1	.0							1538	1538	62	2
4/ 63		.0	.1	.2	.3	.5	.3	.3	.2	.1	.0							1750	1750	238	7
2/ 61	.0	.0	.1	.4	.5	.5	.3	.4	.2	.1								2129	2129	547	25
/ 59	.0	.1	.4	.6	.5	.5	.4	.3	.1	.0								2519	2519	1193	81
7 57	.0	.2	.5	.7	.5	.4	.4	.2	.1	.0								2654	2654	1978	244
5/ 55	.0	.3	.7	.7	.6	.4	.3	.2	.0									2886	2886	2573	549
4/ 53	.0	.4	.8	.8	.5	.4	.3	.1	.0									2754	2754	3267	952
2/ 51	.	.6	1.0	.5	.5	.4	.2	.1	.0									2823	2823	3268	1724
50/ 49	.0	.6	1.0	.6	.4	.3	.2	.0										2777	2777	3700	2341
4/ 47	.0	.7	.6	.6	.4	.3	.1	.0										2435	2435	3827	2880
4/ 45	.0	.6	.7	.5	.4	.3	.1	.0										2249	2249	3489	3300
4/ 43	.0	.4	.6	.5	.4	.3	.1											1996	1996	3039	2979
2/ 41	.0	.4	.6	.6	.4	.2	.0											1960	1960	2517	3022
40/ 39	.1	.4	.7	.5	.5	.2	.0											1958	1958	2265	2587
38/ 37	.1	.5	.7	.6	.3	.1												1864	1865	2367	2514
36/ 35	.1	.6	.8	.6	.3	.0												2009	2009	2142	2679
34/ 33	.1	.7	.8	.5	.2	.0												1974	1975	2491	2415
2/ 31	.1	.9	.9	.7	.2	.0												2369	2372	2375	3067
30/ 29	.1	.6	.8	.3	.1													1635	1638	2531	2268
28/ 27	.1	.8	.7	.3	.0													1660	1662	2033	2421
26/ 25	.1	1.0	.7	.2	.0													1699	1700	2206	2603
24/ 23	.1	.7	.4	.1														1138	1140	2025	1519

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 265C (STATION) EIELSON AFB AK (STATION NAME) 73-82 (YEARS) ALL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 21	.3	.8	.6	.1														1590	1593	1753	2186
2[illegible]/ 19	.4	1.3	.6	.1														2081	2082	1639	3090
1[illegible]/ 17	.2	1.0	.4	.0														1396	1397	1808	2289
1[illegible]/ 15	.1	1.2	.4	.0														1491	1491	1600	2167
1[illegible]/ 13	.2	1.1	.3															1411	1411	1498	1942
1[illegible]/ 11	.4	1.2	.3															1573	1575	1593	1673
1[illegible]/ 9	.2	1.3	.2															1486	1487	1614	1642
/ 7	.2	1.3	.1															1367	1368	1596	1636
/ 5	.1	1.2	.0															1179	1179	1529	1165
[illegible]/ 3	.3	1.5																1527	1528	1524	1558
[illegible]/ 1	.3	2.0																2030	2034	1796	1747
[illegible]/ -1	1.2	.5																1482	1486	1913	1379
-[illegible]/ -3	.7	1.0																1521	1521	1499	1320
-4/ -5	.9	.7																1420	1420	1459	1460
-[illegible]/ -7	1.1	.3																1275	1275	1522	1431
-[illegible]/ -9	1.4																	1244	1245	1406	1330
-[illegible]/-11	1.3																	1142	1142	1142	1375
-12/-13	.9																	811	811	811	1039
-[illegible]/-15	1.1																	953	954	953	1467
-[illegible]/-17	.9																	787	788	787	1276
-[illegible]/-19	1.1																	918	921	918	1521
-[illegible]/-21	.9																	775	776	775	1216
- 2/-23	.7																	634	635	634	1173
-24/-25	.7																	608	610	608	1086
-[illegible]/-27	.7																	564	564	564	927
-[illegible]/-29	.7																	598	602	598	816
- [illegible]/-31	.5																	471	475	471	609
- 2/-33	.5																	445	47[illegible]	445	721
-34/-35	.4																	314	461	314	805
-36/-37	.2																	178	552	178	766
-3[illegible]/-39	.2																	164	397	164	508
-[illegible]/-41	.2																	144	389	144	565
-42/-43	.2																	160	337	160	544
-[illegible]/-45	.2																	160	230	160	395

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 STATION — EIELSON AFB AK STATION NAME — 73-82 YEARS — ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4 /-47	.2																	162	193	162	212
-4 /-49	.1																	105	122	105	266
- /-51	.1																	78	99	78	240
- 2/-53	.0																	30	47	30	162
- 4/-55	.0																	12	14	12	105
-5 /-57	.0																	38	38	38	78
-5 /-59	.1																	46	47	46	30
- /-61	.0																	4	4	4	12
- 2/-63																					38
- 4/-65																					46
- 6/-67																					4
TOTAL	21.0	27.1	16.3	10.9	7.4	5.6	4.0	3.2	2.2	1.2	.7	.3	.1	.0				87619		86206	
																		86206		86206	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	385502993	5251517	60.9	17.229	86206							
Dry Bulb	143300603	2385219	27.2	29.907	87619	1861.5	3926.9	505.6	190.6	29.7		8760
Wet Bulb	106216493	2069561	24.0	25.608	86206	1899.3	3858.0	3.1	.3			8760
Dew Point	82127451	1324803	15.4	26.768	86206	2598.6	5928.8	.8	.1			8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702650 EIELSON AFB AK 73-82
STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-8.8	-7.3	7.5	25.2	41.5	50.1	54.1	50.5	40.8	23.2	3.7	-9.5	22.7
	S D	24.699	23.058	14.998	10.486	6.370	5.359	4.995	6.334	6.939	12.184	16.647	21.614	27.428
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	927	10953
03-05	MEAN	-9.2	-8.2	5.0	22.5	39.7	49.3	52.5	48.2	38.6	22.3	3.4	-9.9	21.3
	S D	24.838	23.576	15.344	11.447	6.254	4.940	4.529	6.520	6.775	12.330	16.640	21.702	27.105
	TOTAL OBS	930	846	930	900	929	900	930	929	900	930	898	928	10950
06-08	MEAN	-9.5	-8.8	4.9	25.6	46.4	54.8	57.9	52.0	39.9	21.9	3.3	-10.3	23.3
	S D	24.605	24.111	15.385	11.876	6.800	5.755	5.164	6.932	6.956	12.430	16.710	21.751	29.117
	TOTAL OBS	930	845	930	900	928	900	930	930	900	930	900	930	10953
09-11	MEAN	-9.0	-5.2	12.7	34.0	53.6	60.4	64.1	59.5	47.8	25.5	4.6	-9.9	28.3
	S D	24.072	22.397	13.985	11.155	7.217	7.110	6.698	7.868	8.323	12.631	16.206	21.571	30.905
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	900	930	10955
12-14	MEAN	-5.7	2.3	20.5	39.0	57.1	63.7	67.9	64.2	53.3	29.9	8.1	-8.6	32.8
	S D	22.475	19.684	13.130	10.648	7.306	7.661	7.550	8.423	9.010	12.427	14.909	20.841	30.730
	TOTAL OBS	930	846	930	900	930	900	929	930	900	930	900	929	10955
15-17	MEAN	-6.0	3.2	22.2	40.4	57.9	64.5	68.5	65.4	53.9	29.3	7.0	-8.8	33.3
	S D	22.687	19.576	12.858	10.245	7.582	7.496	7.868	8.657	9.198	12.212	15.410	21.104	31.097
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	927	10953
18-20	MEAN	-7.6	-2.6	16.4	37.0	55.4	62.7	66.3	61.7	48.4	25.6	5.3	-9.4	30.1
	S D	23.716	20.688	13.525	10.196	7.373	7.235	7.569	8.255	8.373	12.192	16.130	21.351	31.015
	TOTAL OBS	928	846	930	900	929	900	930	930	900	930	900	927	10950
21-23	MEAN	-8.6	-5.5	11.3	30.4	48.2	56.7	59.9	54.4	43.3	23.6	4.2	-9.6	25.9
	S D	24.179	22.023	14.256	9.838	6.714	6.117	6.031	6.910	7.355	12.424	16.678	21.594	29.055
	TOTAL OBS	930	845	929	900	930	900	930	930	900	930	900	927	10951
ALL HOURS	MEAN	-8.1	-4.0	12.6	31.7	50.0	57.8	61.4	57.0	45.8	25.2	5.8	-9.5	27.2
	S D	23.913	21.981	15.524	12.506	9.604	8.614	8.660	9.721	9.699	12.672	16.254	21.433	29.987
	TOTAL OBS	7437	6766	7439	7200	7436	7200	7439	7439	7200	7440	7198	7425	87619

USAFETAC FORM JUL 84 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702650 EIELSON AFB AK 73-82

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-7.8	-6.1	5.9	22.1	36.5	45.4	49.9	47.0	37.6	21.2	2.8	-7.4	21.2
	S D	22.427	20.588	13.721	9.599	5.282	4.358	4.205	5.700	6.016	11.256	15.823	18.790	24.738
	TOTAL OBS	876	791	930	900	930	900	930	930	900	930	899	850	10766
03-05	MEAN	-7.8	-6.4	3.7	20.0	35.4	44.9	48.9	45.3	35.9	20.4	2.6	-7.7	20.3
	S D	22.445	20.655	14.122	10.572	5.290	4.279	4.107	6.028	6.084	11.514	15.648	19.009	24.528
	TOTAL OBS	866	771	930	900	929	900	930	929	900	928	898	852	10733
06-08	MEAN	-7.8	-6.8	3.6	22.3	39.7	48.3	52.8	48.1	37.0	20.0	2.5	-7.9	21.7
	S D	21.956	21.108	14.180	10.616	5.171	4.186	3.786	5.844	6.136	11.649	15.945	18.904	25.750
	TOTAL OBS	857	766	929	897	928	900	930	930	900	926	900	847	10710
09-11	MEAN	-7.8	-9.0	10.5	28.1	43.3	50.6	55.3	52.3	42.3	23.0	3.6	-7.2	24.9
	S D	21.782	19.600	12.460	9.022	4.795	4.360	4.000	5.399	6.318	11.409	15.446	18.383	26.189
	TOTAL OBS	872	787	930	898	930	900	930	930	900	930	900	839	10796
12-14	MEAN	-5.3	1.2	16.8	31.2	44.8	51.7	56.5	54.1	44.9	26.3	7.0	-6.4	27.4
	S D	20.352	17.776	11.172	7.991	4.635	4.259	4.265	5.302	6.222	10.604	14.040	18.049	25.340
	TOTAL OBS	889	834	930	899	930	900	929	930	900	930	900	854	10825
15-17	MEAN	-5.7	1.6	18.1	32.0	45.0	51.9	56.7	54.3	45.0	25.9	6.0	-6.6	27.5
	S D	20.606	17.693	10.871	7.662	4.581	3.960	4.262	5.297	6.301	10.524	14.512	18.312	25.502
	TOTAL OBS	893	837	929	900	930	900	930	930	900	930	900	854	10833
18-20	MEAN	-7.1	-2.8	13.6	30.1	44.1	51.4	56.0	53.3	42.4	23.1	4.4	-7.3	25.7
	S D	21.523	18.781	11.940	8.024	4.688	3.983	4.222	5.579	6.447	11.000	15.250	18.649	26.118
	TOTAL OBS	868	820	930	900	929	900	930	930	900	930	900	854	10811
21-23	MEAN	-7.8	-4.9	9.3	26.0	40.8	49.2	53.6	49.7	39.2	21.5	3.3	-7.4	23.3
	S D	21.914	19.778	12.904	8.569	5.130	4.116	4.086	5.787	6.153	11.430	15.849	18.740	25.590
	TOTAL OBS	885	801	929	900	930	900	930	930	900	929	900	848	10782
ALL HOURS	MEAN	-7.1	-3.4	10.2	26.5	41.2	49.2	53.7	50.5	40.6	22.7	4.0	-7.2	24.0
	S D	21.620	19.501	13.769	10.024	6.055	4.923	4.983	6.494	7.068	11.397	15.429	18.597	25.608
	TOTAL OBS	7026	6407	7437	7194	7436	7200	7439	7439	7209	7433	7197	6798	86206

USAFETAC FORM JUL 69 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702650 EIELSON AFB AK 73-82

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-17.0	-16.1	-4.0	13.4	29.3	40.2	46.1	43.5	33.0	15.2	-4.9	-16.3	14.2
	S D	26.846	25.958	16.425	12.338	7.153	5.385	5.156	6.367	6.963	12.801	18.526	24.920	27.076
	TOTAL OBS	876	791	930	900	930	900	930	930	900	930	899	850	10766
03-05	MEAN	-17.1	-16.4	-6.1	12.1	28.9	40.2	45.5	42.2	31.9	14.5	-5.2	-16.6	13.6
	S D	26.940	26.102	17.288	13.261	6.922	5.334	5.098	6.608	6.955	13.141	18.621	25.291	27.054
	TOTAL OBS	866	771	930	900	929	900	930	929	900	928	898	852	10733
06-08	MEAN	-17.1	-16.9	-6.1	13.4	30.5	41.8	47.5	44.4	32.8	14.1	-5.3	-16.8	14.4
	S D	26.632	26.565	17.267	12.949	7.170	5.425	4.885	6.197	7.091	13.424	18.702	25.310	27.753
	TOTAL OBS	857	766	929	897	928	900	930	930	900	926	900	847	10710
09-11	MEAN	-17.1	-14.3	-.3	15.7	30.1	41.1	47.9	46.0	35.7	16.4	-4.1	-16.3	15.8
	S D	26.522	24.446	14.370	11.055	7.247	6.000	5.223	5.853	7.263	12.727	17.965	24.672	27.139
	TOTAL OBS	872	787	930	898	930	900	930	930	900	930	900	839	10746
12-14	MEAN	-14.6	-9.5	4.2	16.3	29.3	39.9	47.2	45.3	35.4	18.8	-.5	-15.3	16.9
	S D	24.443	21.148	12.964	9.741	7.448	6.184	5.650	6.243	7.319	11.315	16.063	23.996	25.484
	TOTAL OBS	889	834	930	899	930	900	929	930	900	930	900	854	10825
15-17	MEAN	-15.0	-9.5	5.0	16.5	29.1	39.6	46.9	44.7	34.8	18.5	-1.4	-15.5	16.6
	S D	24.724	21.147	12.924	9.566	7.412	6.005	6.080	6.585	7.334	11.316	16.565	24.310	25.457
	TOTAL OBS	893	837	929	900	930	900	930	930	900	930	900	854	10833
18-20	MEAN	-16.4	-13.0	2.2	16.5	29.9	40.4	47.5	46.0	35.2	16.8	-3.1	-16.2	16.0
	S D	25.902	23.492	14.166	10.099	7.449	6.109	5.942	6.598	7.463	12.195	17.473	24.720	26.638
	TOTAL OBS	888	820	930	900	929	900	930	930	900	930	900	854	10811
21-23	MEAN	-17.2	-14.9	-.9	15.7	30.9	41.8	48.1	45.3	33.8	15.3	-4.3	-16.3	15.4
	S D	26.495	24.864	15.226	11.080	7.384	5.447	5.117	6.518	7.218	12.803	18.439	24.808	27.292
	TOTAL OBS	885	801	929	900	930	900	930	930	900	929	900	848	10782
ALL HOURS	MEAN	-16.4	-13.7	-.8	14.9	29.7	40.6	47.1	44.7	34.1	16.2	-3.6	-16.2	15.4
	S D	26.057	24.225	15.357	11.447	7.303	5.798	5.474	6.487	7.315	12.583	17.810	24.744	26.768
	TOTAL OBS	7026	6407	7437	7199	7436	7200	7439	7439	7200	7433	7197	6798	86206

USAFETAC FORM JUL 84 0 89 5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702650 EIELSON AFB AK 73-82 JAN
STATION STATION NAME PERIOD 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	98.6	94.9	80.5	54.6	23.2	6.4	1.8	61.9	876
	03-05	100.0	99.9	99.0	94.9	78.1	54.2	23.4	5.7	.7	61.7	866
	06-08	100.0	100.0	99.3	95.0	79.3	53.8	23.0	5.7	1.4	61.7	857
	09-11	100.0	100.0	99.2	95.0	78.9	53.0	22.7	6.0	1.6	61.7	872
	12-14	100.0	100.0	99.2	94.7	77.6	53.9	24.5	5.5	.7	61.5	889
	15-17	100.0	100.0	99.2	93.7	78.2	53.3	25.2	7.1	.9	61.6	893
	18-20	100.0	100.0	99.2	94.3	78.6	52.8	22.5	5.5	.7	61.3	888
	21-23	100.0	100.0	98.8	95.7	80.5	51.8	22.8	5.5	.5	61.3	885
TOTALS		100.0	100.0	99.1	94.8	79.0	53.4	23.4	5.9	1.0	61.6	7026

USAFETAC FORM 0-87-5 (OL A)
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
7'2650	EIELSON AFB AK	73-82	FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

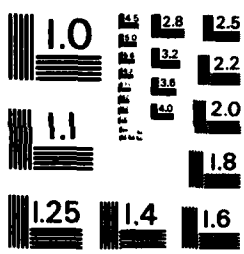
MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.7	94.3	70.8	45.1	18.8	5.9	.8	59.2	791
	03-05	100.0	100.0	99.5	92.0	69.5	43.8	19.1	4.9	.4	59.0	771
	06-08	100.0	100.0	99.6	93.3	70.4	44.1	17.9	5.9	1.0	59.1	766
	09-11	100.0	100.0	99.1	93.0	69.0	42.9	17.9	3.8	.5	58.5	787
	12-14	100.0	100.0	98.6	92.0	65.3	36.7	17.4	4.7	1.3	57.1	834
	15-17	100.0	99.9	98.4	90.2	60.9	34.5	15.4	3.8	.4	55.8	837
	18-20	100.0	100.0	99.8	92.3	69.4	42.4	20.4	6.0	.9	58.8	820
	21-23	100.0	100.0	99.9	92.9	70.9	43.4	19.4	5.4	.9	59.2	801
TOTALS		100.0	100.0	99.3	92.5	68.3	41.6	18.3	5.1	.8	58.3	6407

USAFETAC FORM JUL 64 0-87-5 (OL A)

AD-A134 198 EIELSON AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 22 JUL 83 6/6

UNCLASSIFIED USAFETAC/DS-83/027 SBI-AD-E850 416 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702650 EIELSON AFB AK 73-82 MAR
STATION STATION NAME PERIOD 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	98.9	88.6	69.9	48.0	29.0	8.3	1.4	60.1	930
	03-05	100.0	100.0	98.8	89.9	71.2	50.1	30.8	8.3	1.4	60.8	930
	06-08	100.0	100.0	99.1	92.4	73.5	50.6	30.9	6.5	1.5	60.9	929
	09-11	100.0	99.9	98.0	86.9	63.8	39.7	19.7	4.1	1.0	56.9	930
	12-14	100.0	100.0	95.2	74.2	44.7	23.9	9.2	3.0	.6	50.7	930
	15-17	100.0	99.9	92.9	67.8	38.9	22.6	9.5	2.5	.3	48.9	929
	18-20	100.0	99.8	96.9	82.4	55.5	34.3	17.2	6.9	1.5	55.0	930
	21-23	100.0	100.0	98.4	86.5	66.2	45.9	25.5	8.3	1.3	58.9	929
TOTALS		100.0	100.0	97.3	83.6	60.5	39.4	21.5	6.0	1.1	56.5	7437

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702650 EIELSON AFB AK 73-82 APR
STATION STATION NAME PERIOD 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	00-02	100.0	100.0	99.0	92.8	77.4	55.1	27.9	10.6	2.4	61.9	900
	03-05	100.0	100.0	99.2	94.4	82.8	65.6	36.7	15.2	4.4	65.5	900
	06-08	100.0	100.0	99.0	90.7	73.9	52.4	26.3	11.0	2.9	61.1	897
	09-11	100.0	99.9	92.4	66.8	39.5	19.8	9.4	3.8	1.1	48.9	898
	12-14	100.0	98.3	75.5	43.6	20.1	11.1	5.7	2.1	1.0	41.7	899
	15-17	100.0	98.2	72.8	37.0	17.0	8.4	4.6	2.1	.2	39.7	900
	18-20	100.0	99.8	86.6	56.8	28.0	12.7	6.8	2.7	.3	45.0	900
	21-23	100.0	100.0	98.2	85.8	61.8	33.6	15.2	5.7	.7	55.6	900
TOTALS		100.0	99.5	90.5	71.0	50.1	32.3	16.6	6.7	1.6	52.4	7194

USAFETAC FORM JUL 84 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702650 STATION | EIELSON AFB AK STATION NAME | 73-82 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	99.4	92.5	78.0	57.3	32.5	13.5	5.3	63.6	930
	03-05	100.0	100.0	99.6	95.4	86.7	67.3	38.5	16.0	6.4	66.8	929
	06-08	100.0	100.0	95.7	83.5	60.8	38.4	18.4	6.7	2.8	56.2	928
	09-11	100.0	99.1	78.0	48.2	26.5	13.9	6.6	2.5	1.4	43.2	930
	12-14	100.0	94.6	57.5	31.1	14.6	7.5	3.4	1.8	.8	37.0	930
	15-17	100.0	90.8	52.4	30.5	15.6	7.6	4.0	1.6	.8	35.9	930
	18-20	100.0	95.7	67.3	39.5	23.5	11.2	5.4	2.4	.6	40.3	929
	21-23	100.0	100.0	95.9	74.8	50.0	30.6	14.4	6.2	2.9	53.3	930
TOTALS		100.0	97.5	80.7	61.9	44.5	29.2	15.4	6.3	2.6	49.5	7436

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702650 EIELSON AFB AK 73-82 JUN
STATION STATION NAME PERIOD 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	100.0	98.3	93.2	76.3	49.8	20.0	4.0	69.9	900
	03-05	100.0	100.0	100.0	99.3	96.2	83.2	55.2	23.1	5.3	71.7	900
	06-08	100.0	100.0	100.0	94.6	79.7	54.7	31.9	12.9	2.4	63.2	900
	09-11	100.0	99.9	92.2	71.2	45.6	26.4	15.7	6.0	.6	51.5	900
	12-14	100.0	98.7	80.2	51.3	28.8	17.3	8.4	3.1	.3	44.3	900
	15-17	100.0	96.8	76.7	45.3	27.2	16.2	7.1	1.2		42.7	900
	18-20	100.0	97.7	84.1	57.4	36.2	22.7	9.6	2.4	.3	46.7	900
	21-23	100.0	99.9	99.1	87.3	69.0	46.8	26.9	7.9	1.6	59.4	900
TOTALS		100.0	99.1	91.5	75.6	59.5	43.0	25.6	9.6	1.8	56.2	7200

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702650 EIELSON AFB AK 73-82 JUL
STATION STATION NAME PERIOD 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	99.1	96.7	87.1	67.0	34.9	10.6	75.2	930
	03-05	100.0	100.0	100.0	100.0	98.2	91.8	73.2	42.2	13.5	77.5	930
	06-08	100.0	100.0	99.9	98.4	88.9	72.6	49.5	23.1	5.8	69.7	930
	09-11	100.0	100.0	98.2	83.9	62.8	41.2	22.4	8.6	1.4	57.7	930
	12-14	100.0	100.0	91.6	66.8	44.3	24.1	10.4	3.8	.6	50.0	929
	15-17	100.0	99.5	87.3	63.3	40.6	24.1	11.7	5.6	1.5	48.9	930
	18-20	100.0	99.8	92.3	73.4	51.5	35.5	17.7	8.4	1.9	53.7	930
	21-23	100.0	100.0	98.9	95.4	85.4	66.6	42.3	18.3	4.5	67.0	930
TOTALS		100.0	99.9	96.0	85.0	71.1	55.4	36.8	18.1	5.0	62.5	7439

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702650 EIELSON AFB AK 73-82 AUG
STATION STATION NAME PERIOD 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%		
AUG	00-02	100.0	100.0	100.0	99.6	98.3	93.5	77.4	41.8	9.0	77.6	930
	03-05	100.0	100.0	100.0	99.8	99.6	96.7	84.0	51.1	12.4	80.2	929
	06-08	100.0	100.0	100.0	99.4	97.4	90.8	70.1	34.9	8.8	76.0	930
	09-11	100.0	100.0	99.6	92.4	78.0	53.9	31.6	12.3	3.5	63.0	930
	12-14	100.0	99.9	94.7	76.3	50.6	27.2	15.1	4.6	1.1	52.6	930
	15-17	100.0	99.8	89.8	65.6	42.8	24.6	12.9	4.2	.4	49.8	930
	18-20	100.0	99.9	97.1	83.8	66.2	46.7	25.7	8.2	1.2	58.6	930
	21-23	100.0	100.0	99.9	98.5	93.7	82.5	61.2	25.2	4.1	72.2	930
TOTALS		100.0	100.0	97.6	89.4	78.3	64.5	47.3	22.8	5.1	66.3	7439

USAFETAC FORM JAN 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702650 EIELSON AFB AK 73-82 SEP
STATION STATION NAME PERIOD 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%		
SEP	00-02	100.0	100.0	99.8	98.4	93.1	84.4	69.2	37.4	10.4	75.1	900
	03-05	100.0	100.0	100.0	99.1	96.2	88.4	77.8	44.2	11.2	77.5	900
	06-08	100.0	100.0	99.8	98.3	95.6	89.0	74.7	42.7	11.4	76.9	900
	09-11	100.0	99.8	97.7	91.9	78.3	63.9	41.9	17.1	3.8	65.0	900
	12-14	100.0	98.1	93.7	73.2	52.8	32.2	18.7	6.2	.7	53.4	900
	15-17	100.0	97.9	92.0	68.4	46.6	26.9	15.0	4.7	.2	50.9	900
	18-20	100.0	99.9	97.6	90.0	73.4	55.9	34.7	12.9	1.9	62.4	900
	21-23	100.0	100.0	99.8	97.0	88.6	75.2	55.9	26.2	7.3	70.7	900
TOTALS		100.0	99.5	97.6	89.5	78.1	64.5	48.5	23.9	5.9	66.5	7200

USAFETAC FORM AM 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702650 EIELSON AFB AK 73-82 OCT
STATION STATION NAME PERIOD 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	99.8	97.5	92.9	81.9	57.2	27.7	9.7	72.2	930
	03-05	100.0	100.0	99.6	98.0	94.1	84.7	56.9	29.3	9.8	72.6	928
	06-08	100.0	100.0	99.8	97.9	94.2	85.3	56.2	27.3	9.8	72.6	926
	09-11	100.0	100.0	99.4	96.3	90.6	76.1	47.4	22.2	5.5	69.4	930
	12-14	100.0	100.0	98.8	94.1	82.4	64.3	35.9	14.9	3.2	64.8	930
	15-17	100.0	100.0	99.1	94.9	83.7	65.3	38.2	16.6	3.5	65.7	930
	18-20	100.0	100.0	99.2	96.8	90.9	79.4	51.3	24.4	6.6	70.4	930
	21-23	100.0	100.0	99.7	97.3	91.7	81.6	54.7	26.6	6.7	71.4	929
TOTALS		100.0	100.0	99.4	96.6	90.1	77.3	49.7	23.6	6.9	69.9	7433

USAFETAC FORM AWS 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702650 (STATION) EIELSON AFB AK (STATION NAME) 73-82 (PERIOD) NOV (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%		
NOV	00-02	100.0	100.0	99.8	98.2	88.8	64.3	43.9	18.9	5.2	67.6	899
	03-05	100.0	100.0	100.0	98.2	89.5	65.5	42.4	18.3	5.0	67.4	898
	06-08	100.0	100.0	100.0	98.7	90.2	64.7	43.4	16.9	4.9	67.4	900
	09-11	100.0	100.0	99.9	98.4	91.8	64.1	42.4	15.1	4.4	67.4	900
	12-14	100.0	100.0	100.0	99.0	92.8	67.6	45.0	17.6	4.7	68.2	900
	15-17	100.0	100.0	100.0	98.9	92.6	67.7	44.8	19.8	5.7	68.5	900
	18-20	100.0	100.0	100.0	98.8	90.2	66.2	44.3	19.4	5.8	68.4	900
	21-23	100.0	100.0	100.0	98.2	90.2	65.0	43.9	17.4	5.1	67.7	900
TOTALS		100.0	100.0	100.0	98.6	90.8	65.6	43.8	17.9	5.1	67.8	7197

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702650 EIELSON AFB AK 73-82 DEC
STATION STATION NAME PERIOD 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%		
DEC	00-02	100.0	100.0	100.0	97.4	85.2	52.1	28.8	9.9	1.9	63.1	850
	03-05	100.0	100.0	99.6	97.3	86.3	52.8	31.5	11.5	2.5	63.7	852
	06-08	100.0	100.0	100.0	97.9	86.3	52.2	28.1	11.8	3.2	63.4	847
	09-11	100.0	100.0	100.0	97.5	84.9	50.5	27.4	10.0	3.2	62.9	839
	12-14	100.0	100.0	100.0	97.7	87.7	53.5	28.9	10.9	2.7	63.5	854
	15-17	100.0	100.0	100.0	96.1	87.6	54.2	30.1	11.0	3.2	63.8	854
	18-20	100.0	100.0	99.9	96.1	87.2	55.2	30.1	9.3	3.9	63.5	854
	21-23	100.0	100.0	99.9	97.3	87.0	54.1	28.3	8.7	3.4	63.2	848
TOTALS		100.0	100.0	99.9	97.2	86.5	53.1	29.2	10.4	3.0	63.4	6798

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702650 EIELSON AFB AK 73-82 ALL
STATION STATION NAME PERIOD 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	99.1	94.8	79.0	53.4	23.4	5.9	1.0	61.6	7026
FEB		100.0	100.0	99.3	92.5	68.3	41.6	18.3	5.1	.8	58.3	6407
MAR		100.0	100.0	97.3	83.6	60.5	39.4	21.5	6.0	1.1	56.5	7437
APR		100.0	99.5	90.5	71.0	50.1	32.3	16.6	6.7	1.6	52.4	7194
MAY		100.0	97.5	80.7	61.9	44.5	29.2	15.4	6.3	2.6	49.5	7436
JUN		100.0	99.1	91.5	75.6	59.5	43.0	25.6	9.6	1.8	56.2	7200
JUL		100.0	99.9	96.0	85.0	71.1	55.4	36.8	18.1	5.0	62.5	7439
AUG		100.0	100.0	97.6	89.4	78.3	64.5	47.3	22.8	5.1	66.3	7439
SEP		100.0	99.5	97.6	89.5	78.1	64.5	48.5	23.9	5.9	66.5	7200
OCT		100.0	100.0	99.4	96.6	90.1	77.3	49.7	23.6	6.9	69.9	7433
NOV		100.0	100.0	100.0	98.6	90.8	65.6	43.8	17.9	5.1	67.8	7197
DEC		100.0	100.0	99.9	97.2	86.5	53.1	29.2	10.4	3.0	63.4	6798
TOTALS		100.0	99.6	95.7	86.3	71.4	51.6	31.3	13.0	3.3	60.9	86206

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

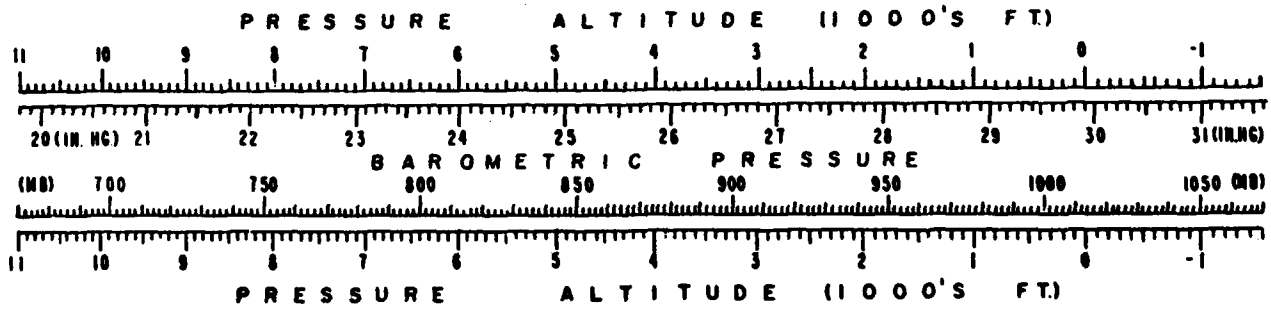
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

702650 EIELSON AFB AK 73-82

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	29.287	29.266	29.182	29.214	29.196	29.246	29.276	29.292	29.174	29.063	29.145	29.182	29.210
	S D	.426	.431	.274	.286	.237	.182	.164	.201	.241	.310	.398	.440	.320
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
05	MEAN	29.280	29.264	29.181	29.221	29.207	29.257	29.289	29.300	29.178	29.058	29.142	29.179	29.213
	S D	.429	.432	.276	.289	.237	.183	.167	.204	.242	.312	.399	.440	.322
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
08	MEAN	29.283	29.271	29.185	29.225	29.208	29.259	29.291	29.305	29.185	29.064	29.147	29.181	29.217
	S D	.430	.431	.278	.287	.238	.183	.168	.205	.240	.312	.399	.438	.322
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
11	MEAN	29.291	29.277	29.183	29.214	29.190	29.242	29.277	29.296	29.181	29.069	29.154	29.190	29.213
	S D	.425	.425	.277	.286	.235	.183	.167	.204	.238	.311	.398	.437	.319
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
14	MEAN	29.283	29.264	29.167	29.195	29.169	29.220	29.254	29.273	29.160	29.058	29.145	29.183	29.197
	S D	.423	.422	.275	.283	.232	.182	.164	.202	.237	.310	.400	.440	.318
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
17	MEAN	29.280	29.259	29.159	29.181	29.155	29.204	29.242	29.256	29.147	29.056	29.143	29.181	29.188
	S D	.419	.422	.275	.282	.229	.180	.161	.202	.237	.309	.401	.442	.317
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
20	MEAN	29.278	29.263	29.168	29.191	29.167	29.209	29.249	29.259	29.154	29.059	29.142	29.184	29.193
	S D	.417	.425	.274	.283	.228	.179	.160	.200	.239	.311	.403	.441	.317
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
23	MEAN	29.279	29.266	29.175	29.200	29.187	29.229	29.270	29.274	29.165	29.065	29.145	29.1[illegible]	29.203
	S D	.415	.428	.272	.284	.230	.180	.162	.203	.242	.312	.404	.439	.318
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	29.283	29.266	29.175	29.205	29.185	29.233	29.269	29.282	29.168	29.061	29.145	29.184	29.204
	S D	.422	.427	.275	.285	.234	.182	.165	.203	.240	.311	.400	.439	.319
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2476	29212

USAFETAC FORM JUL 84 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

702650 EIELSON AFB AK 73-82

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	1014.2	1013.2	1009.9	1010.5	1009.4	1011.0	1012.0	1012.5	1008.7	1005.3	1008.7	1010.5	1010.5
	S D	14.988	15.092	9.598	9.988	8.217	6.293	5.693	6.998	8.401	10.791	13.912	15.497	11.199
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
05	MEAN	1014.0	1013.2	1009.8	1010.7	1009.8	1011.4	1012.4	1012.8	1008.8	1005.2	1008.7	1010.4	1010.6
	S D	15.099	15.147	9.656	10.092	8.245	6.339	5.758	7.078	8.427	10.902	13.985	15.515	11.265
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
08	MEAN	1014.1	1013.5	1010.0	1010.8	1009.8	1011.4	1012.4	1013.0	1009.1	1005.4	1008.8	1010.5	1010.7
	S D	15.107	15.108	9.716	10.060	8.242	6.332	5.786	7.105	8.394	10.858	13.978	15.420	11.240
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
11	MEAN	1014.3	1013.7	1009.9	1010.5	1009.2	1010.8	1012.0	1012.7	1008.9	1005.6	1009.1	1010.8	1010.6
	S D	14.979	14.921	9.677	10.003	8.156	6.330	5.769	7.089	8.290	10.786	13.931	15.390	11.173
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
14	MEAN	1014.0	1013.2	1009.3	1009.8	1008.5	1010.1	1011.2	1011.9	1008.2	1005.2	1008.8	1010.5	1010.0
	S D	14.868	14.774	9.583	9.896	8.048	6.299	5.711	7.034	8.291	10.797	13.993	15.475	11.130
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
17	MEAN	1013.9	1013.0	1009.0	1009.3	1008.0	1009.5	1010.8	1011.3	1007.8	1005.1	1008.7	1010.5	1009.7
	S D	14.761	14.790	9.568	9.847	7.908	6.220	5.501	7.002	8.255	10.818	14.028	15.510	11.105
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
20	MEAN	1013.9	1013.2	1009.4	1009.6	1008.4	1009.6	1011.0	1011.5	1008.0	1005.3	1008.7	1010.6	1009.9
	S D	14.661	14.923	9.527	9.877	7.872	6.173	5.513	6.957	8.357	10.816	14.126	15.514	11.104
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
23	MEAN	1013.9	1013.3	1009.6	1009.9	1009.1	1010.3	1011.7	1012.0	1008.4	1005.4	1008.8	1010.8	1010.3
	S D	14.631	15.032	9.500	9.924	7.964	6.224	5.573	7.027	8.435	10.869	14.170	15.436	11.129
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	1014.0	1013.3	1009.6	1010.1	1009.0	1010.5	1011.7	1012.2	1008.5	1005.3	1008.8	1010.6	1010.3
	S D	14.868	14.952	9.595	9.960	8.097	6.306	5.691	7.052	8.344	10.815	13.996	15.448	11.172
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2475	29211

USAFETAC FORM 0-89-5 (OLA)

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