

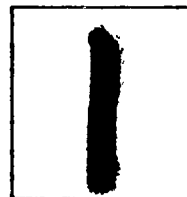
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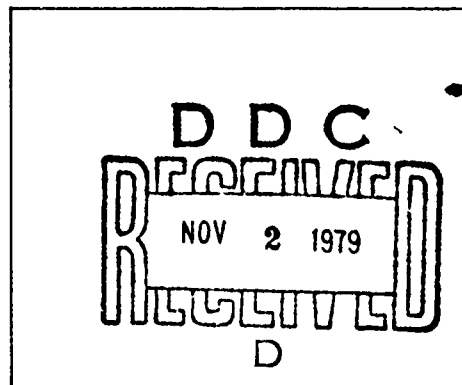
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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FT SILL AAF OK WBA# 13745
N 34 39 W 098 24 FLD ELEV 1181 FT FSI WMO # 72355

PARTS A-F

FOR FROM HOURLY OBS: MAR 67 - DEC 70, JAN 73 - FEB 79
FOR FROM DAILY OBS: MAR 49 - FEB 79

SEP 19 1979

FEDERAL BUILDING
ASHEVILLE, N. C.

ALL INFORMATION CONTAINED
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DATE 11/19/01 BY 60322 UCBAW/STP

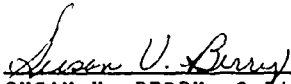
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Review and Approval Statement

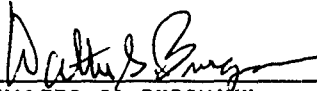
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This technical report has been reviewed and is approved for publication.



SUSAN V. BERRY, 2nd Lt, USAF
Information Retrieval
Manager

FOR THE COMMANDER



WALTER S. BURGMANN
Scientific & Technical
Information Officer

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM	
1 REPORT NUMBER	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER	
USAFETAC/DS- 79/086			
4 TITLE (and Subtitle)		5 TYPE OF REPORT & PERIOD COVERED	
Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Fort Sill AAF, Lawton, Oklahoma		Final rept.	
7 AUTHOR(s)		6 PERFORMING ORG REPORT NUMBER	
9 PERFORMING ORGANIZATION NAME AND ADDRESS		10 PROGRAM ELEMENT PROJECT TASK AREA & WORK UNIT NUMBERS	
USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225			
11 CONTROLLING OFFICE NAME AND ADDRESS		12 REPORT DATE	
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		UNCLASSIFIED	
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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			
This supercedes ADA-074657			
19 KEY WORDS (Continue in reverse side if necessary and identify by block number)			
*RUSSWO	Daily temperature	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 in reverse side if necessary and identify by block number)			
This report is a six-part statistical summary of surface weather observations for Fort Sill AAF, Lawton, Oklahoma 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 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 (over)			

DD FORM 1473
1 JAN 73

UNCLASSIFIED

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

* Oklahoma

* Fort Sill AAF, OK

20. 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 occurrence or cumulative percentage frequency of occurrence tables.

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and compiled 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.

ANNUAL _____

APRIL _____

JULY _____

OCTOBER _____

MAY _____

AUGUST _____

NOVEMBER _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY 13945	STATION NAME FORT SILL OKLAHOMA/POST FLD	LATITUDE N 34 39	LONGITUDE W 098 24	STATION ELEVATION 1181	SCALE 1'SI	FORM NUMBER 72355
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STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION FT.	TYPE BAROMETER	
1	Ft. Sill Oklahoma/Post Field	AAF	Mar 49	Jun 50	N 34 39	W 098 23	1180	1203	24
2	Same	Same	Jul 50	Feb 53	Same	W 098 24	1184	1170	24
3	Same	Same	Mar 53	Feb 54	Same	Same	Same	1200	24
4	Same	Same	Mar 54	Feb 58	Same	Same	1180	1194	24
5	Same	Same	Mar 58	Feb 63	Same	Same	1187	1200	24
6	Same	Same	Mar 63	Dec 72	Same	Same	Same	1210	24
7	Same	Same	Jan 73	Feb 79	Same	Same	1181	Same	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	Mar 49	Located on top of Aircraft Bldg.	Selsyn	ML-144	70 ft	
2	Mar 54	Located on top of Hangar #1.	Same	Same	39 ft	
3	Apr 55	Located on roof of Hangar.	Same	Same	50 ft	
4	Mar 57	Same	Same	Same	60 ft	
5	Mar 58	Same	Same	Same	80 ft	
6	Jun 60	Located 150 ft W of center of the Rnwy 17/35	AN/GMQ-11	RO-2	12 ft	
7	Mar 68	Located 525 ft W of Rnwy 17/35	Same	Same	13 ft	
8	Mar 71	Located 600 ft W of centerline of Rnwy 17/35, 1745 ft SW of the ROS.	AN/GMQ-20	RO-362	Same	
9	Feb 79	Same	Same	Same	Same	

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAF TAC
 AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

13946
 STATION

FT SILL AAF OR
 STATION NAME

8-70, 73-79
 YEARS

JAN
 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	5.8	1.8	2.5		9.6	14.7	.3	.3		15.6	930
	03-05	.1	5.9	1.9	2.4		10.1	17.2	.3	.3		17.8	930
	06-08	.1	6.5	2.0	3.1		12.2	19.5		.3	.1	19.9	930
	09-11	.1	5.6	2.5	3.3		10.9	21.3	1.7	.9	.3	23.9	930
	12-14	.2	4.8	1.7	3.8		9.7	13.5	1.7	.4	.3	15.3	940
	15-17		4.9	.3	3.4		8.4	11.0	1.3	.3		12.2	930
	18-20		4.6	1.1	1.6		7.3	12.0	.9	.2	.2	13.1	930
	21-23	.2	5.7	2.0	3.0		9.9	13.2	.2			13.3	930
TOTALS		.1	5.5	1.8	2.9		9.8	15.3	.8	.3	.1	16.5	7440

2

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945
 STATION

FI SILI AAF PK
 STATION NAME

8-7, 73-79
 YEARS

FEB
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.7	5.0	.8	3.8		9.3	14.5	.7	.5	1.1	16.3	846
	03-05	.4	6.5	1.3	3.5		10.9	16.9		.4	.5	17.7	846
	06-08	.1	5.6	1.1	3.7		10.0	20.1	.1	.1	.7	20.9	846
	09-11	.1	6.1	1.3	4.0		10.6	20.2	1.2	.4	1.4	22.7	840
	12-14		5.2	.4	3.5		9.0	13.2	1.9	.4	1.5	16.5	846
	15-17		5.0	.1	3.3		8.3	11.9	1.8	.4	.8	13.0	846
	18-20	.5	4.3	.5	3.1		7.5	10.1	1.3		1.1	12.1	843
	21-23	.6	5.6	.7	3.6		9.5	12.3	.2	.4	1.2	13.9	843
TOTALS		.3	5.4	.8	3.6		9.4	14.8	.9	.3	1.0	16.6	6762

2

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	1.5	5.6		1.4		6.7	7.5	.1	.1	.3	8.0	930
	03-05	1.5	6.5		1.2		7.4	9.8	.1		.4	10.2	930
	06-08	.9	8.4	.3	1.1		9.5	14.7	1.0	.1	.5	15.8	930
	09-11	.6	9.6		1.8		11.1	13.5	3.2	.2	.5	17.0	930
	12-14	1.3	8.0		2.9		10.3	8.2	1.8	.2	.2	10.1	930
	15-17	1.3	7.5		1.9		8.9	6.9	.8	.3	1.1	8.8	930
	18-20	1.4	5.3		1.4		6.5	7.2	.2	.3	2.8	10.2	930
	21-23	1.2	4.3		1.1		4.9	5.6		.3	1.3	7.2	930
TOTALS		1.2	6.9	.0	1.6		8.2	9.2	.9	.2	.9	10.9	7440

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945
 STATION

FI SILL AAF PK
 STATION NAME

67-70, 73-78
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- S ORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLIZZARD OR SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	2.7	6.0				6.0	3.3	.3		.4	4.7	900
	03-05	2.9	7.3		.2		7.3	6.7	.4			6.8	900
	06-08	1.4	6.4		.4		6.7	15.3	2.2			15.9	900
	09-11	1.3	6.3		.1		5.4	7.6	1.2			8.4	900
	12-14	1.1	5.1				5.1	2.9	.7		.1	3.4	899
	15-17	1.7	6.2				6.2	3.0	.2		.4	3.7	900
	18-20	2.0	4.6				4.6	2.3	1.0		2.0	5.2	900
	21-23	3.0	4.3				4.3	2.4	.4		1.3	4.0	900
TOTALS		2.0	5.8		.1		5.8	5.5	.8		.5	6.5	7199

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945
STATIONFT SILL AAF OK
STATION NAME67-70, 73-78
YEARSMAY
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	5.2	8.5				8.5	3.5	.3			3.8	930
	03-05	4.5	8.1				8.1	8.8	.4			9.0	930
	06-08	2.8	7.4				7.4	18.2	2.0			19.5	930
	09-11	2.9	6.1				6.1	6.1	1.1		.1	7.3	930
	12-14	2.2	5.5				5.5	1.4	.9		.3	2.6	930
	15-17	4.0	5.7			.2	5.7	1.8	1.2		.2	3.0	930
	18-20	5.7	6.3			.1	6.3	1.5	.6		.3	2.5	930
	21-23	7.1	8.2			.1	8.2	1.3	.3		.1	1.7	929
TOTALS		4.3	7.0			.1	7.0	5.3	.9		.1	6.2	7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945

F1 SILL AAF PK

67-70, 73-78

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	4.7	4.7				4.7	.6	.2		.1	.9	900
	03-05	3.0	3.9				3.9	2.3	.8		.1	2.9	900
	06-08	1.4	3.4				3.4	7.6	3.2			9.9	900
	09-11	.8	3.1				3.1	2.1	1.8			3.6	900
	12-14	1.0	2.9				2.9	.1	.1			.2	900
	15-17	2.7	2.6				2.6		.1			.1	900
	18-20	2.8	2.3				2.3	.1	.3		.4	.9	900
	21-23	3.4	2.7				2.7	.1	.1		.3	.6	900
TOTALS		2.5	3.2				3.2	1.6	.8		.1	2.4	7200

GLOBAL CLIMATOLOGY BRANCH
 USAFFTAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945
 STATION

FT SILL AAF OK
 STATION NAME

67-70, 73-78
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.3	3.1				3.1	.5	1.0			1.4	930
	03-05	1.9	2.8				2.8	1.9	1.3			2.5	930
	06-08	1.7	3.4				3.4	6.1	4.0			7.7	930
	09-11	1.2	4.2				4.2	1.3	2.4			3.3	930
	12-14	1.3	3.0				3.0	.1	.5		.2	.9	930
	15-17	3.3	3.8				3.8		.3			.3	930
	18-20	2.9	4.0				4.0	.2	.4			.6	930
	21-23	2.5	3.3				3.3	.2	.4			.6	930
TOTALS		2.1	3.5				3.5	1.3	1.3		.0	2.2	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

19945

FT SILL AAF OK

67-70, 73-78

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	FRE- ZING 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	2.3	2.7				2.7	.8				.8	930
	03-05	2.7	3.5				3.5	1.6	.2			1.7	930
	06-08	1.3	3.4				3.4	8.2	4.9			10.6	930
	09-11	.9	4.1				4.1	3.5	1.5			4.8	930
	12-14	1.0	1.7				1.7	.6	.6			1.3	930
	15-17	3.2	3.5			.1	3.5	.1	.3			.4	930
	18-20	2.4	2.6				2.6	.1				.1	930
	21-23	1.9	2.8				2.8	.8				.8	930
TOTALS		2.0	3.0			.0	3.0	2.0	.9			2.6	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945

FT SILL AAF DK

67-70, 73-78

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	2.1	7.6				7.6	4.8	.2			4.8	900
	03-05	2.3	9.1				9.1	7.3	1.1			7.6	900
	06-08	1.3	7.9				7.9	18.9	3.4			20.9	900
	09-11	.4	5.9				5.9	9.2	3.2			12.0	900
	12-14	1.3	6.7				6.7	4.0	2.1			6.0	900
	15-17	1.4	6.2				6.2	3.0	.9			3.9	900
	18-20	2.0	6.4			.1	6.4	3.2	1.1			4.2	900
	21-23	3.1	6.6				6.6	3.4	.3			3.7	900
TOTALS		1.7	7.1			.0	7.1	6.7	1.5			7.9	7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

JCT
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.
JCT	00-02	2.6	5.3				5.3	5.2	.2			5.4	930
	03-05	2.0	6.2				6.2	6.7				6.7	929
	06-08	.8	6.9			.1	6.9	11.9	1.1			12.8	930
	09-11	.5	6.1				6.1	5.5	1.8			6.8	930
	12-14		5.2				5.2	2.2	1.2			3.2	930
	15-17	.4	4.6				4.6	1.8	.4			2.3	930
	18-20	.3	4.7				4.7	2.0	.2			2.3	930
	21-23	.9	6.0				6.0	2.6				2.6	930
TOTALS		.9	5.6			.0	5.6	4.7	.6			5.3	7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945 FT SILL AAF OK 67-70, 73-78 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	.6	6.6		1.3		7.7	7.1				7.1	900
	03-05	.6	8.2		1.0		9.1	9.2	.1	.1		9.4	900
	06-08	.4	8.6		.3		8.9	14.9	.6			15.1	900
	09-11	.7	7.4		.3		7.8	14.6	1.2			15.0	900
	12-14	.8	6.8		.4		7.0	8.7	.9			8.8	900
	15-17	.4	5.4		.4		5.8	6.0				6.0	900
	18-20	.4	4.4		.2		4.7	5.1	.2		.3	5.7	900
	21-23	.3	4.7		.8		5.3	6.2	.1			6.3	900
TOTALS		.5	6.5		.6		7.0	9.0	.4	.0	.0	9.2	7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945

FT SILL AAF OK

67-70, 73-78

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		4.4	.5	2.2		7.0	8.3	.1	.1		8.5	930
	03-05		4.5	.8	1.2		6.2	8.5		.1		8.6	930
	06-08		4.1	1.1	1.0		5.9	11.1	.2			11.1	930
	09-11		2.9	.1	2.0		4.7	10.0	.6		.2	10.4	930
	12-14	.1	3.4	.2	1.2		4.8	6.9	.3	.1	.5	7.7	930
	15-17		4.1	.5	1.7		5.8	6.5	.3	.3	.2	7.0	930
	18-20	.1	4.1	.5	1.4		5.7	5.4			.1	5.5	927
	21-23		3.6	1.1	2.0		6.0	5.7	.2			5.9	927
TOTALS		.0	3.9	.6	1.6		5.8	7.8	.2	.1	.1	8.1	7434

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

13945
 STATION

FT SILL AAF TX
 STATION NAME

7-70, 73-79
 YEARS

ALL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	ALL	.1	5.5	1.8	2.9		9.8	15.3	.8	.3	.1	16.5	7440
FEB		.3	5.4	.8	3.6		9.4	14.8	.9	.3	1.0	16.6	6762
MAR		1.2	6.9	.0	1.6		8.2	9.2	.9	.2	.9	10.9	7440
APR		2.0	5.8		.1		5.8	5.5	.8		.5	6.5	7199
MAY		4.3	7.0			.1	7.0	5.3	.9		.1	6.2	7439
JUN		2.5	3.2				3.2	1.6	.8		.1	2.4	7200
JUL		2.1	3.5				3.5	1.3	1.3		.0	2.2	7440
AUG		2.0	3.0			.0	3.0	2.0	.9			2.6	7440
SEP		1.7	7.1			.0	7.1	6.7	1.5			7.9	7200
OCT		.9	5.6			.0	5.6	4.7	.6			5.3	7439
NOV		.5	6.5		.6		7.0	9.0	.4	.0	.0	9.2	7200
DEC		.0	3.9	.6	1.6		5.8	7.8	.2	.1	.1	8.1	7434
TOTALS		1.5	5.3	.3	.9	.0	6.3	6.9	.8	.1	.2	7.9	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 OBS 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 WMAN 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.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

1945 FT SILL AAF PK 19-79 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.7	23.5	6.2	13.2	.1	30.0	30.8	4.9	1.9	.3	33.8	930
FEB		4.0	25.3	4.7	12.4	.9	30.9	29.4	4.3	2.4	1.5	33.3	846
MAR		9.7	27.6	1.5	4.7	1.5	29.4	25.5	4.0	.9	.8	27.4	930
APR		17.6	34.6	.1	.1	2.1	34.6	22.6	4.6		.8	24.4	900
MAY		31.5	43.2			4.3	43.2	22.4	3.7		.5	23.9	930
JUN		24.8	31.9			1.8	31.9	10.0	4.9			12.7	900
JUL		21.9	29.2			.3	29.2	8.3	3.4		.1	9.5	930
AUG		20.6	28.8			.4	28.8	8.5	4.1			10.0	929
SEP		13.3	31.2			.6	31.2	21.1	6.2		.2	22.9	900
OCT		9.2	26.2			.3	26.2	19.1	3.1			20.2	930
NOV		4.8	21.5	.3	3.7	.7	23.1	23.7	3.9	.3	.1	25.3	899
DEC		1.4	22.8	3.9	8.9	.1	26.1	27.3	2.3	1.0	.1	28.5	930
TOTALS		13.4	28.8	1.4	3.6	1.1	30.4	20.7	4.1	.5	.4	22.7	10954

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

Continued on Reverse Side

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

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

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

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

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

GLOBAL CLIMATOLOGY BRANCH
USAF/PTAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13945
STATION

FT SILL AAF TX
STATION NAME

49-74
YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
	WFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4					
5-16-49 DAILY	NONE	TRACE	1	2	3	4	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN.	69.5	7	1.0	3.9	1.7	3.0	2.4	1.4	.5					14.5	930	1.00	3.21	TRACE
FEB	62.9	17.6	2.2	3.5	2.5	4.6	2.5	2.7	.5					18.4	847	1.32	2.71	.13
MAR	70.0	12.3	2.4	2.6	2.2	2.8	4.1	2.3	1.5					17.7	930	1.89	6.82	.05
APR	64.2	15.4	2.1	3.7	1.4	4.0	3.3	3.3	2.1	.3				20.3	900	2.50	6.57	.31
MAY	55.8	13.1	2.2	5.2	2.9	4.7	4.2	6.2	4.3	.8	.3			31.1	930	5.79	11.94	.62
JUN	67.3	11.0	1.4	3.8	2.7	3.6	1.8	4.1	4.0	.3				21.7	900	3.47	10.88	.37
JUL	69.8	10.9	1.3	2.6	3.1	3.9	3.0	3.0	1.7	.8				19.4	930	2.78	7.37	.11
AUG	76.9	10.4	1.2	2.8	2.5	4.0	2.7	3.5	2.0					18.7	930	2.37	6.63	.02
SEP	67.6	11.3	1.3	3.6	2.6	4.0	3.4	2.6	2.7	.8				20.9	900	3.15	8.32	TRACE
OCT	73.1	9.0	1.4	3.0	1.4	3.5	2.3	2.9	2.7	.5	.1			17.8	930	3.19	11.55	.01
NOV	77.0	7.4	1.7	3.0	2.4	2.9	1.6	2.7	1.2	.1				15.6	900	1.52	5.28	.00
DEC	73.5	12.2	1.5	3.5	1.8	3.1	2.2	1.6	.5					14.3	930	1.12	3.17	TRACE
ANNUAL	69.0	11.8	1.7	3.4	2.3	3.7	2.8	3.0	2.5	.3	.0			19.2	10957	30.16		

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 PRECIPITATION

(FROM DAILY OBSERVATIONS)

13945 STATION FT SILL AAF OK STATION NAME 49-79 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49			.96	1.86	1.05	1.39	.07	.53	1.60	1.46	.00	.32	
50	.44	1.11	.05	1.20	2.98	3.47	.80	1.10	.25	.03	TRACE	TRACE	3.47
51	.21	.39	.52	1.20	6.01	2.02	1.24	.73	.39	1.84	.24	TRACE	6.01
52	.36	.67	.57	.79	6.94	1.49	3.45	.02	.10	.01	1.23	1.34	6.94
53	.38	1.30	2.25	.72	2.28	4.15	3.54	2.05	.23	7.33	1.04	2.24	7.33
54	.20	.37	.40	1.39	3.46	.76	.26	.85	.11	1.50	.23	.76	3.46
55	.55	.74	1.07	.31	3.83	1.65	.53	1.05	2.87	3.40	TRACE	.02	3.83
56	.32	.35	.17	.23	1.49	.42	1.13	1.00	TRACE	1.26	.74	1.32	1.49
57	.46	.41	1.34	2.36	4.03	1.12	.82	.37	2.22	1.66	.76	.57	4.03
58	1.38	.29	.97	.52	1.25	.99	1.01	.70	.90	.08	.49	.45	1.38
59	.90	.14	.27	1.07	2.14	.69	2.87	.81	2.03	2.56	2.60	1.34	2.87
60	.49	1.36	.61	.34	1.19	.61	1.28	.99	1.21	4.95	.21	.92	4.95
61	.10	.62	1.30	.25	1.90	1.52	1.46	.61	3.83	1.33	1.95	1.00	3.83
62	.20	.72	.83	2.36	1.86	3.24	2.32	.06	1.02	2.22	.90	1.58	3.24
63	.10	.24	1.33	2.52	1.09	1.18	.33	.23	.95	.06	1.79	.23	2.52
64	1.00	.91	.33	.38	1.45	1.50	.95	2.31	1.22	.51	1.68	.39	2.31
65	.69	.45	.64	.71	2.04	1.20	.20	1.07	1.25	2.37	TRACE	.42	2.37
66	.40	.30	.42	2.52	.53	1.97	.51	1.67	1.71	.56	.53	.91	2.52
67	.28	.11	.38	2.55	1.50	1.18	3.49	.53	1.17	1.33	.24	.27	3.49
68	2.11	.58	.34	.50	2.13	2.48	1.59	.28	1.83	.88	1.42	.73	2.48
69	.77	.80	1.12	.57	1.63	1.18	.39	2.14	2.85	.59	.17	.45	2.85
70	.08	.42	2.42	.70	1.42	.69	.50	.44	2.70	.26	.41	.39	2.70
71	.20	1.15	.13	.71	2.46	1.47	3.42	1.60	1.35	.89	.53	.78	3.42
72	.02	.19	.28	2.30	1.32	.84	.36	1.23	1.60	3.14	1.02	.24	3.14
73	.98	.27	1.04	.81	.76	2.06	2.78	.28	2.27	.94	1.36	.31	2.78
74	.10	1.13	1.69	1.74	1.05	.71	.23	1.68	2.92	1.72	.55	.63	2.92
75	.93	.76	.35	.65	3.37	1.63	2.72	.56	1.97	.74	.95	.79	3.37
76	TRACE	.22	1.42	2.04	.59	1.43	1.51	.65	2.92	1.46	.11	.39	2.92
77	.60	1.44	.62	1.12	3.26	1.64	.77	1.80	.35	1.22	1.05	.02	3.26
78	.24	.75	1.35	.37	5.01	1.46	.72	2.17	.43	.15	1.00	.53	5.01
MEAN													
S D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

13945 STATION FT SILL AAF OK STATION NAME 49-79 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
79	1.10	2.18											
MEAN	.520	.680	.839	1.160	2.334	1.538	1.375	.990	1.485	1.552	.773	.645	3.479
S D	.468	.477	.504	.795	1.574	.859	1.136	.661	1.017	1.565	.659	.519	1.399
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
 EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13945 STATION FT. SILL AAF OK STATION NAME 49-79 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49			1.61	2.88	5.33	3.10	.11	1.77	3.73	4.02	.00	.89	
50	1.10	2.71	.05	1.86	8.45	5.60	2.50	4.18	1.88	.03	TRACE	TRACE	28.36
51	.31	.89	1.25	2.57	10.84	9.49	3.47	1.27	.87	2.89	.56	TRACE	34.41
52	.54	.98	1.49	2.73	9.47	2.39	5.93	.02	.10	.01	2.51	1.46	27.63
53	.38	1.74	6.82	1.34	2.66	6.31	3.89	4.29	.27	11.55	2.73	2.25	44.23
54	.33	.37	.45	2.91	8.91	1.60	.47	1.55	.26	2.52	.24	1.28	20.89
55	1.48	1.68	2.19	.36	10.21	4.00	1.29	2.39	6.06	5.27	TRACE	.02	34.95
56	.58	.77	.29	.48	4.13	.57	2.91	1.23	TRACE	4.78	.78	2.24	18.76
57	1.06	.86	2.94	6.57	11.55	3.44	1.69	.38	3.25	4.25	3.01	.65	39.65
58	2.57	.70	3.22	2.47	3.23	3.23	5.32	1.20	1.53	.10	.70	.77	25.04
59	.90	.49	.32	2.91	6.77	2.72	7.37	2.06	2.78	7.46	2.60	3.02	39.40
60	1.30	2.31	1.35	.37	4.74	1.98	4.73	2.47	1.47	8.61	.24	3.17	32.74
61	.19	1.67	3.90	.31	2.84	5.14	1.94	1.41	8.32	2.28	4.85	1.95	34.80
62	.33	1.32	.86	4.43	6.67	10.88	4.82	.11	3.75	4.86	1.30	2.56	41.89
63	.12	.30	2.93	2.73	1.69	2.46	.99	.68	2.14	.10	2.85	.32	17.31
64	1.75	2.34	.98	.84	4.59	2.06	1.43	4.70	5.21	1.00	5.28	.77	30.95
65	1.02	.81	.78	1.62	4.38	2.82	.49	3.92	2.26	2.47	TRACE	1.16	21.73
66	1.09	.81	.48	4.90	.62	4.02	.63	5.18	4.09	.58	.56	1.03	23.99
67	.28	.13	.97	5.07	3.91	1.75	4.85	1.16	3.49	3.28	.47	.60	25.96
68	3.21	1.73	.92	1.42	6.67	3.18	3.38	.93	4.07	1.84	4.40	1.00	32.75
69	.84	2.67	2.78	1.06	5.82	2.10	.54	4.71	4.58	2.28	.25	1.07	28.70
70	.10	.97	4.49	1.76	1.84	1.05	.81	1.05	5.39	.92	.46	.49	19.33
71	.21	1.63	.13	1.22	5.20	3.42	6.73	6.63	3.97	2.67	.77	2.25	34.83
72	.04	.29	.28	4.71	2.94	2.36	1.05	2.67	1.97	8.48	2.58	.35	27.72
73	3.04	.94	4.76	3.74	1.65	4.78	5.96	.51	6.55	3.01	1.87	.32	37.13
74	.15	1.33	3.13	2.97	3.71	1.52	.37	5.31	6.56	4.64	1.73	1.16	32.60
75	2.10	2.64	1.72	1.57	11.94	3.66	5.03	1.06	3.47	1.08	1.73	1.46	37.46
76	TRACE	.27	2.67	6.33	3.30	2.38	2.00	1.48	4.31	3.19	.15	.62	26.70
77	1.74	1.62	1.53	1.80	9.74	2.32	1.65	3.92	.81	1.34	1.30	.03	27.80
78	.71	2.15	1.45	.95	10.00	3.90	1.08	2.96	1.28	.23	3.40	.60	28.71
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13945 STATION FT SILL AAF OK STATION NAME

49-79 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	2.67	2.33											
MEAN	1.005	1.315	1.891	2.498	5.793	3.474	2.781	2.373	3.147	3.191	1.578	1.116	30.221
S D	.933	.792	1.605	1.732	3.288	2.250	2.170	1.785	2.156	2.856	1.530	.894	7.085
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/RAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

13945 FT SILL AFB OK 69-70
STATION STATION NAME YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	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	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	86.6	9.6	1.1	1.1	.6	.3	.3	.7	.1					2.9	930	2.0	8.9	.0
FEB	87.2	7.6	.9	7.6	.7	.5	.4	.1						5.2	847	2.2	11.4	.0
MAR	95.3	3.3	.5	.3	.1	.2	.1							1.4	930	.9	9.8	.0
APR	99.9	.1													900	TRACE	TRACE	.0
MAY	100.0														930	.0	.0	.0
JUN	100.0														900	.0	.0	.0
JUL	100.0														930	.0	.0	.0
AUG	100.0														930	.0	.0	.0
SEP	100.0														900	.0	.0	.0
OCT	100.0														930	.0	.0	.0
NOV	96.3	2.4	.4	.6	.2									1.2	900	.3	2.2	.6
DEC	91.4	6.2	.3	.9	.3	.8		.1						2.4	928	1.4	9.2	.6
ANNUAL	96.4	2.4	.3	.5	.2	.1	.1	.0	.0					1.2	10955	6.8		

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SNOWFALL

(FROM DAILY OBSERVATIONS)

13945 STATION FT. SILL AAF OK STATION NAME 49-79 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
49			TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
50	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
51	TRACE	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.9
52	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
53	3.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.8
54	2.0	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.0
55	2.5	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.5
56	TRACE	4.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	1.4
58	2.4	3.0	9.8	.0	.0	.0	.0	.0	.0	.0	1.1	3.3	9.8
59	.0	1.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
60	5.7	2.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.7
61	2.5	3.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.3
62	2.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2	3.2
63	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4
64	TRACE	TRACE	3.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
65	.6	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
66	4.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE	4.0
67	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.0
68	TRACE	5.0	4.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	5.0
69	.0	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.7	2.7
70	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	1.5	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	3.1
72	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.4	1.5
73	3.4	1.9	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.4
74	.8	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	1.8	.5	1.8
75	TRACE	.2	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.0	5.0
76	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	TRACE	.5
77	8.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	8.0
78	1.0	3.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.9
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13945 STATION FT SILL AAF OK STATION NAME 49-79 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	4.5	3.1											
MEAN	1.44	1.34	.76	TRACE	.00	.00	.00	.00	.00	.00	.23	.90	3.02
S. D.	2.059	1.578	1.982	.000	.000	.000	.000	.000	.000	.000	.515	1.410	2.286
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	928	10955

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXXXXXXXX
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13945 FT. SILL AAF OK STATION NAME

49-79 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC.	ALL MONTHS
49			TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
51	TRACE	5.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	TRACE	6.1
52	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
53	3.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.8
54	3.1	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.6
55	4.5	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.5
56	TRACE	5.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.4
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	1.4
58	.4	4.2	9.8	.0	.0	.0	.0	.0	.0	.0	1.1	9.2	24.7
59	2.0	3.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.5
60	7.1	3.9	1.7	.0	.0	.0	.0	.0	.0	.0	.0	4.8	17.5
61	2.8	5.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	8.5
62	2.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2	7.3
63	.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6
64	TRACE	TRACE	3.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
65	.6	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
66	8.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	* 8.8
67	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.0
68	TRACE	10.4	7.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	17.5
69	.0	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	6.5	7.9
70	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	6.4
72	TRACE	1.3	.0	.0	.0	.0	.0	.0	.0	.0	2.2	.4	3.9
73	5.5	3.2	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	8.7
74	1.0	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	1.8	.5	3.6
75	TRACE	.2	1.2	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	7.4
76	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	TRACE	.7
77	8.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	8.9
78	2.5	11.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.1	15.0
MEAN													
S D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13945 STATION FT SILL AAF OK STATION NAME

49-79 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
79	7.9	3.1											
MEAN	2.03	2.15	.86	TRACE	.00	.00	.00	.00	.00	.00	.28	1.37	6.40
S D	2.872	3.000	2.198	.000	.000	.000	.000	.000	.000	.000	.606	2.419	5.977
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	928	10955

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPTHS
 (FROM DAILY OBSERVATIONS)

13945 FT SILL AAF OK 49-79
 STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	.06-10	11-25	.26-50	.51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	85.4	7.3	3.4	1.4	1.1	1.3	.1							7.3	930			
FEB	88.9	5.2	2.5	1.4	.9	1.1								5.9	847			
MAR	97.7	1.3	.5	.2		.2								1.0	930			
APR	99.9	.1													900			
MAY	100.0														930			
JUN	100.0														900			
JUL	100.0														930			
AUG	100.0														930			
SEP	100.0														900			
OCT	100.0														930			
NOV	98.9	.6	.4	.1										.6	900			
DEC	94.6	3.1	.6	.6	.4	.5								2.3	930			
ANNUAL	97.1	1.5	.6	.3	.2	.3	.0							1.4	10957			

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13945 STATION FT SILL AAF OK STATION NAME

49-79 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	MONTH	JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
49				0	0	0	0	0	0	0	0	0	0	
50		0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
51		TRACE	4	0	0	0	0	0	0	0	0	1	0	4
52		0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
53		4	TRACE	0	0	0	0	0	0	0	0	0	TRACE	4
54		1	0	1	0	0	0	0	0	0	0	0	3	3
55		5	0	TRACE	0	0	0	0	0	0	0	0	TRACE	5
56		0	3	0	0	0	0	0	0	0	0	0	0	3
57		0	0	0	0	0	0	0	0	0	0	0	0	0
58		TRACE	3	5	0	0	0	0	0	0	0	1	5	5
59		4	2	0	0	0	0	0	0	0	0	0	0	4
60		4	2	1	0	0	0	0	0	0	0	0	2	4
61		3	4	TRACE	0	0	0	0	0	0	0	0	TRACE	4
62		2	2	1	0	0	0	0	0	0	0	0	TRACE	2
63		TRACE	2	0	0	0	0	0	0	0	0	0	TRACE	2
64		0	0	0	0	0	0	0	0	0	0	0	0	0
65		1	0	0	0	0	0	0	0	0	0	0	0	1
66		1	1	0	0	0	0	0	0	0	0	0	0	5
67		0	0	0	0	0	0	0	0	0	0	0	1	1
68		0	5	4	0	0	0	0	0	0	0	0	1	5
69		0	1	2	0	0	0	0	0	0	0	0	2	2
70		1	0	TRACE	0	0	0	0	0	0	0	0	0	1
71		0	1	1	0	0	0	0	0	0	0	TRACE	3	3
72		TRACE	1	0	0	0	0	0	0	0	0	2	TRACE	2
73		4	1	0	TRACE	0	0	0	0	0	0	0	TRACE	4
74		TRACE	0	TRACE	0	0	0	0	0	0	0	1	TRACE	1
75		TRACE	1	TRACE	0	0	0	0	0	0	0	TRACE	3	3
76		0	0	0	0	0	0	0	0	0	0	1	0	1
77		10	0	0	0	0	0	0	0	0	0	0	0	10
78		1	3	0	0	0	0	0	0	0	2	0	1	5
MEAN														
S. D.														
TOTAL OBS														

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13945 ET SILL AAF PK STATION NAME

49-79 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH/ YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	2	3											
MEAN	1.6	1.4	.5	TRACE	.0	.0	.0	.0	.0	.0	.2	.7	2.9
S. D.	2.359	1.608	1.196	.000	.000	.000	.000	.000	.000	.000	.484	1.291	2.193
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

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

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

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

- 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.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13945 STATION FT SILL AAF OK STATION NAME 53-79 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53						SW 47NE	33W	48NE	42NE	40S	54NW	53	
54	N	52NW	52SSW	54SSE	65NW	75SSE	55N	58SSE	43SE	44S	69SSW	41N	49 NW 75
55	N	53N	61N	63SSE	55NW	57SE	61S	42WSW	60ENE	42NNE	45NNE	58W	45 N 63
56	NNE	38NW	61NNE	56W	51SW	46N	40NW	48SE	40SSW	40S	41N	46NW	38 NW 61
57	N	38NF	44NW	41SE	48WSW	55N	43S	27SSW	47SSW	74W	50NNW	51NNE*46	SSW 74
58	N	*38SSW*37NNE	37NNW	57SSW	46ENE	52WSW	53ENE	32NE	44SSW	40NNE	43NE	38	NNW 57
59	NNW	42WSW	55N	62WNW	49W	*63SSW*43NNE	*47NNE	45SE	31N	40NNW	44NNW*30	W	*63
60	WSW	44SW	43WNW	42WNW	53SSE	43WNW	50N	50N	40W	32SW	*43N	43NNW*48	WNW 53
61	N	48NNE	35WNW	46NNW	46NNE	49N	44ESE	34N	45N	43SSE	36NNW	38N	42 NNE 49
62	N	43N	43SW	40S	36W	64W	48SSE	40W	25NNE	32NNE	34NNW	35N	*41 W 64
63	N	41NNE	41N	36SSE	35SF	39N	45N	35N	*37N	*37N	37N	*43NNW*43	N 45
64	NNW	*41W*42NNW	*38NNW	*60SSW	*57S	*35ESE	*42N	39NNE	*38S	*39N	37N	35	NNW*60
65	N	*41N	*52N	36WNW*37S	47SSW	57N	*34W	*54N	37NNE	34W	48NW	*35	SSW 57
66	N	*33S	*37NW	53SSE*44N	*41W	70ESE	27NW	49N	48WNW	38N	39N	40	W 70
67	WSW	44N	43N	44W	64N	42SW	42WNW	39N	30ENE	*33NNE	*37S	*26NW	38 W 64
68	N	40N	46N	45N	44WSW	56N	7036/	3936/	3027/	4818/	3734/	3923/	46 N 70
69	36/	4524/	4033/	4018/	3920/	42 1/	3217/	2729/	4031/	4234/	3235/	3431/	39 36/ 45
70	36/	3736/	3735/	4219/	4417/	2918/	3918/	2919/	3034/	3132/	3135/	3935/	36 19/ 44
71	34/	3633/	3836/	40 2/	4636/	4233/	3235/	2921/	26 1/	3328/	28 1/	3136/	35 2/ 46
72	36/	3636/	3635/	3636/	4233/	3033/	29 7/	35 1/	3736/	3236/	3331/	3836/	44 36/ 44
73	34/	4936/	4219/	4229/	3831/	4729/	5416/	5234/	32 1/	4817/	3314/	3535/	42 29/ 54
74	36/	3836/	43 1/	3817/	5224/	4535/	3518/	33 1/	4510/	41 2/	36 1/	3834/	40 17/ 52
75	1/	54 1/	4126/	3615/	4026/	50 1/	4932/	3614/	3136/	3420/	3129/	43 2/	36 1/ 54
76	35/	5335/	5135/	4016/	4627/	5018/	3729/	4511*	3016/	33 2/	36 2/	39 2/	46 35/ 53
77	2/	5326/	4629/	4833/	3614/	50 1/	38 3/	4727/	3232/	40 1/	4034/	4124/	49 2/ 53
78	1/	4435/	4336/	3915/	47 2/	5528/	3226/	3623/	3415/	36 3/	39 2/	32 1/	34 2/ 55
79	36/	45 1/	45										
MEAN	44.2	44.8	44.0	47.0	48.1	45.9	38.9	38.3	40.3	38.3	41.1	41.3	54.6
S. D.	6.031	7.169	8.027	8.409	10.139	11.357	9.087	8.656	9.325	8.280	6.639	5.389	9.597
TOTAL OBS.	779	701	760	735	752	759	786	786	765	784	749	779	9135

NOTES * (BASED ON LESS THAN FULL MONTHS)
 USAF ETAC FORM 088-5 (C.A.) \$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1394¹ STATION FT SILL AAF OK STATION NAME 68-70, 73-79 YEARS JAN NORTH
 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	3.2	7.3	5.9	8.5	2.8	1.5	.4					29.7	10.5
NNE	1.1	2.0	2.5	.8	.3							6.7	7.3
NE	.5	1.7	.3	.1								2.7	4.9
ENE	.5	.5	.1									1.2	4.1
E	.6	.4	.1									1.2	3.4
ESE	.5	1.0	.5	.1								2.2	5.3
SE	1.0	1.0	.9	.5								3.3	6.2
SSE	.6	2.8	3.0	1.5								8.0	7.6
S	1.1	2.0	4.1	2.5		.1						9.9	8.4
SSW	.4	1.1	.3	.2								2.0	5.5
SW	.8	.8	.4			.1						2.0	5.5
WSW	.5	1.2	.3									2.0	4.5
W	.2	.9	.2	.1								1.4	5.2
WNW	.1		.1									.2	5.5
NW	.2	.8	.4	.1	.1	.2						1.8	8.8
NNW	.9	1.0	1.4	1.1			.1					4.4	8.2
VARBL													
CALM												21.3	
	12.4	24.4	20.6	15.6	3.2	1.9	.5					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)

13945
STATION

FT SILL AAF OK
STATION NAME

66-70, 73-79
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	3.2	8.0	7.5	9.9	2.3	1.9	.5					33.3	10.6
NNE	1.0	1.8	2.7	1.2	.1	.1						6.9	7.7
NE	.6	.4	.5									1.6	5.1
ENE	.5	.5	.2									1.3	4.6
E	.8	.8										1.5	3.5
ESE	1.0	.2	.2									1.4	3.5
SE	.8	1.4	1.2	1.2								4.5	7.5
SSE	1.1	3.0	1.9	1.2								7.2	6.8
S	1.3	1.9	3.0	1.5								7.7	7.2
SSW	1.3	1.0	.3	.2								2.8	4.8
SW	1.1	.4	.1	.2								1.8	4.2
WSW	1.0	.9	.2									2.0	3.6
W	.8	.6	.2									1.6	4.1
WNW	.3	.2	.5									1.1	5.5
NW	.3	.2	.3	.3								1.2	8.0
NNW	.2	.8	1.0	1.4	.4							3.8	10.2
VARBL													
CALM												20.2	
	15.2	22.2	20.0	17.1	2.8	2.0	.5					100.0	6.6

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)

13945
STATION

FT SILL AAF PK
STATION NAME

63-70, 73-79
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	3.1	6.6	7.8	8.6	4.2	1.7	.6					32.7	11.2
NNE	1.6	2.6	3.7	.8								8.6	6.6
NE	.9	.5	.6									2.0	5.0
ENE	.2	.2	.4									.9	6.1
E	.2	.2	.1									.5	3.8
ESE		.4										.4	5.0
SE	1.5	1.0	.8	.0								3.9	5.6
SSE	1.7	1.3	2.0	2.4								8.4	7.9
S	1.5	2.3	2.7	1.7	.3							8.5	7.8
SSW	1.0	.9	.3									2.2	4.0
SW	1.1	1.0	.4	.3								2.8	5.2
WSW	.3	.3										.6	3.7
W	.2	.6	.3									1.2	5.1
WNW	.2	.3	.1	.1	.2							1.0	3.2
NW	.2	.3	.3	.3	.1							1.3	3.8
NNW	.5	1.5	1.0	1.3	.4		.1					4.8	9.5
VARBL													
CALM												20.2	
	14.3	20.0	21.6	16.1	5.3	1.7	.8					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

3849

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945
STATION

FT SILL AAF OK
STATION NAME

68-70, 73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURE (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.9	8.4	9.6	4.0	3.3	.4					29.7	13.3
NNE	.4	2.3	3.2	2.6	.4	.1		.1				9.1	9.4
NE	1.3	1.2	1.3	.2								4.0	5.8
ENE	.3	.5	.5									1.4	5.6
E	.8	.4	.2									1.4	4.1
ESE	.4	.2	.2									.9	4.1
SE	.4	.5	.8	.5								2.3	7.6
SSE	1.1	2.6	2.4	2.6	.6							9.2	8.7
S	1.1	3.8	3.3	4.9	1.1							14.2	9.2
SSW	.6	1.2	.8	1.2	.5							4.3	9.2
SW	1.1	1.2	1.9	.5								4.7	6.6
WSW	.2	.3	.5	.1								1.2	6.4
W	.1	.4	.3		.1							1.0	7.1
WNW	.1	.2	.1	.1								.5	7.2
NW		.2	.2	.4	.3	.1						1.3	13.5
NNW	.2	.5	1.2	.9	.8	.3						3.9	12.3
VARBL													
CALM												11.0	
	9.2	18.5	25.4	23.7	7.8	3.9	.4	.1				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945
STATION

FT SILL AAF OK
STATION NAME

68-70, 73-79
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.9	6.0	7.0	4.5	1.7	.3					21.8	13.5
NNE	1.1	1.7	3.3	1.9	.3							8.4	8.6
NE	.4	1.8	1.7	.2								4.2	6.7
ENE	.2	.9	.9									2.0	6.1
E	.9	.9	1.1	.1								2.9	5.6
ESE	.8	1.0	.8	.1								2.6	5.7
SE	.6	.8	1.7	.8								3.9	7.6
SSE	.6	2.2	2.2	3.4	.4							8.8	9.5
S	.3	3.7	5.9	4.8	1.0	.1						15.8	9.8
SSW	.6	1.0	2.5	2.0	.2							6.3	9.1
SW	.5	1.2	1.9	1.1								4.7	8.2
WSW	.4	1.3	.5	.3	.2							2.8	7.4
W	.3	.5	.3	.3								1.5	7.1
WNW		.2	.3	.2								.8	8.9
NW	.1	.3	.5	1.2	.1							2.3	10.8
NNW	.5	1.2	1.6	1.9	.4	.2						5.9	10.3
VARBL													
CALM												5.3	
	8.0	20.4	31.3	25.5	7.2	2.0	.3					100.0	9.3

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)

13945 STATION FT SILL AAF OK STATION NAME 68-70, 73-79 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	2.0	2.8	4.9	5.9	2.4	1.5	.1					19.7	11.3
NNE	.6	3.1	2.7	1.3	.1	.1						3.5	8.0
NE	1.4	3.1	1.2	.3								6.0	5.3
ENE	1.0	1.1	.3									2.4	4.1
E	.9	2.7	.4									4.0	4.7
ESE	.6	1.1	.4	.1								2.3	5.0
SE	1.2	1.3	1.4	1.0								4.8	7.0
SSE	1.6	3.5	3.9	2.0								11.6	7.6
S	1.7	2.5	4.2	1.7								10.1	7.4
SSW	.9	.3	.9	.8								2.8	7.2
SW	.6	1.2										1.8	3.8
WSW	.9	.3	.2	.1								1.5	4.3
W	.2	.8										1.0	4.2
WNW	.2	.1										.3	3.0
NW	.8	.3	.5	.3								1.9	6.3
NNW	.3	1.3	1.3	.4	.3							4.1	7.5
VARBL													
CALM												17.2	
	15.4	25.5	22.4	15.1	2.8	1.6	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

3051

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945
STATION

FT SILL AAF OK
STATION NAME

68-70, 73-79
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	2.5	5.5	5.9	6.6	1.6	1.6	.2					23.3	10.3
NNE	1.1	3.3	3.1	1.4		.2						9.1	7.8
NE	.2	1.1	1.3									2.6	6.0
ENE	.6	.8	.5	.1								2.2	5.0
E	.4	.9	.2	.1								1.6	4.9
ESE	.8	1.1	.2	.1								2.2	4.5
SE	1.1	1.9	1.4	.5	.1							5.1	6.5
SSE	.9	2.3	4.5	2.5	.1							10.2	8.5
S	1.3	1.9	3.5	1.6	.3							8.9	8.2
SSW	.4	.8	.9									2.0	5.9
SW	.4	.6	.1	.1								1.3	4.8
WSW	.9	.9			.1	.1						1.9	5.3
W	.6	1.1	.2									2.0	3.8
WNW	.3	.2	.1	.1								.8	5.3
NW	.3	.2	.2			.2						1.0	8.8
NNW	1.1	.8	1.2	1.4	.1	.2						4.7	8.8
VARBL													
CALM												21.1	
	13.1	23.2	23.4	14.2	2.4	2.4	.2					100.0	6.4

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)

13945 STATION FT SILL AAF MK STATION NAME 48-70,73-79 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	2.1	4.7	6.5	8.0	3.1	2.0	.3					26.8	11.6
NNE	1.0	2.4	3.1	1.6	.2	.1		.0				8.4	9.2
NE	.8	1.4	1.1	.2								3.4	5.9
ENE	.5	.7	.5	.0								1.6	5.1
E	.7	.9	.3	.0								1.9	4.5
ESE	.6	.7	.4	.1								1.7	4.9
SE	.8	1.0	1.1	.7	.0							3.6	6.9
SSE	1.0	2.4	3.0	2.3	.2							9.0	8.3
S	1.1	2.5	3.9	3.3	.5	.0						11.4	8.9
SSW	.7	1.0	1.0	.8	.2							3.7	7.9
SW	.8	1.0	1.0	.5	.0	.0						3.3	6.8
WSW	.6	.7	.3	.1	.1	.0						1.8	5.8
W	.4	.6	.2	.1	.0							1.4	5.3
WNW	.2	.2	.2	.1	.1	.0						.7	7.7
NW	.3	.4	.3	.4	.1	.1						1.5	9.2
NNW	.6	1.0	1.2	1.3	.4	.1	.0					4.8	9.9
VARBL													
CALM												15.0	
	12.1	21.5	24.1	19.6	5.0	2.4	.4	.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 FT SILL AAF OK 68-70, 73-79 FEB
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.0	7.8	7.1	7.0	2.4	1.8	.2					30.3	9.7
NNE	1.1	1.7	1.8	1.7	1.3	.2						7.7	9.8
NE	.4	1.2	.2	.1	.1							2.0	6.0
ENE	.0	.4	.2	.1								1.3	5.2
E	.5	.5	.5	.1								1.5	5.6
ESE	.5	.4	.4	.1								1.3	5.2
SE	.7	.6	.9	.5								2.7	6.8
SSE	.9	1.1	3.9	.5								6.4	7.3
S	1.8	2.7	3.9	3.7								12.1	6.1
SSW	.4	.9	.6	.4								2.2	6.7
SW	1.1	.5	.4									1.9	3.6
WSW	1.1	.9	.4	.1	.2							2.7	5.8
W	.4	.6	.7	.2	.2							2.1	8.3
WNW	.2	.1	.1	.2	.1							.8	9.1
NW	.2	.2	.7	.5	.2	.1						2.0	10.8
NNW	1.1	1.1	1.9	.6	.2	.1						5.0	7.8
VARBL													
CALM												18.0	
	14.8	20.6	23.6	15.7	4.6	2.2	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 346

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION FT SILL AAF OK STATION NAME 68-70, 73-79 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	3.5	5.3	7.7	8.6	3.4	1.4	.1					30.1	10.5
NNE	1.2	1.9	2.4	2.2	.7	.2	.1					8.7	9.6
NE	.8	.8	.2	.1								2.0	4.8
ENE		.8	.5									1.3	5.5
E	.5	.1	.6	.4								1.8	7.9
ESE	.4		.2									.6	4.2
SE	.4	.2	.5	.2								1.5	6.2
SSE	1.2	2.2	2.6	.4								6.4	6.2
S	1.6	3.0	3.4	1.4								9.6	7.0
SSW	.7	1.3	1.2									3.2	5.4
SW	.8	.7	.2									1.8	4.2
WSW	.8	.8	.7									2.4	4.7
W	1.3	.4	.2	.5	.2							2.5	6.4
WNW	.2	.2	.1	.1		.1						.8	8.6
NW	.4	.6	.9	.9	.1							3.0	8.8
NNW	1.1	.8	2.0	1.2	.4							5.4	8.7
VARBL													
CAIM												18.8	
	15.0	19.3	23.8	16.3	4.8	1.2	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 246

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION FT SILL AAF OK STATION NAME 68-70, 73-79 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	3.9	5.4	8.2	8.2	3.0	.7						29.3	9.7
NNE	.8	1.3	1.1	2.6	.9	.6						7.3	11.3
NE	.8	1.5	.1		.1							2.6	4.7
ENE	.0	.4	.1									1.1	3.8
E	.4	.4	.5	.6								1.8	8.0
ESE	1.1	.1	.4	.1								1.7	4.6
SE	.9	1.5	.5	.2	.1							3.3	5.6
SSE	1.8	2.0	1.8	1.2								6.7	6.8
S	2.5	1.7	2.2	1.5	.1							8.0	6.8
SSW	.6	1.2	.5									2.2	5.1
SW	.9	1.1	.2									2.2	4.0
WSW	.9	1.2	.6									2.7	4.3
W	.6	.8	.2	.1								1.8	4.9
WNW	.1	.4	.1	.1	.1							.8	8.1
NW	.2	.5	.6	.6	.1	.1						2.1	9.8
NNW	.9	.6	1.5	2.5	.7	.2	.1					6.6	11.2
VARBL													
CALM												19.6	
	17.1	20.0	18.6	17.7	5.2	1.7	.1					100.0	6.7

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)

STATION 13945 STATION NAME FT SILL AAF OK YEARS 58-70, 73-79 MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.7	5.1	8.4	5.3	2.0	.5					24.5	13.5
NNE	1.1	.8	2.4	3.1	.9	.4						8.6	11.0
NE	.5	1.3	1.2	.5	.1							3.5	7.1
ENE	.7	.7	.8	.1								2.4	5.8
E	.9	1.1	.6	.0								3.2	6.4
ESE	.4	.9	.8	.1								2.2	6.6
SE	1.1	1.1	.9	.6								3.7	6.1
SSE	1.5	.9	1.9	1.1	.5							5.9	8.0
S	1.3	2.4	3.4	5.1	.6							12.8	9.7
SSW	.8	2.4	2.0	1.2	.7	.2						7.3	9.1
SW	.8	1.7	2.6	.6	.1							5.8	7.2
WSW	.2	.9	.6	.4								2.1	7.1
W	.1	.4	.1	.8	.1							1.5	10.6
WNW	.1	.2	.1	.1	.1							.7	8.7
NW	.1	.4	.7	.5	.1	.1						1.9	10.8
NNW	.2	.6	2.0	2.7	.9	.6	.4					7.4	13.8
VARBL													
CALM												6.4	
	11.5	17.4	25.3	25.8	9.6	3.3	.8					100.0	9.5

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)

13945 STATION FT SILL AAF OK STATION NAME 68-70, 73-79 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	.5	1.4	5.0	7.8	4.7	1.5	.5					21.4	13.9
NNE	.7	.6	1.3	3.8	.5	.7						7.0	10.9
NE	.2	.5	1.8	.9	.2							3.7	9.4
ENE	.4	.6	1.6	.1								2.8	7.1
E	.4	.9	.7									2.0	5.5
ESE	.4	.6	.4	.0	.1							2.0	8.1
SE	.5	.9	1.5	.6								3.5	7.8
SSE	.7	1.5	1.2	1.6	.1	.2						5.6	9.0
S	1.2	3.9	3.4	4.6	1.7	.4						15.4	10.1
SSW	.1	1.8	2.5	4.1	1.3	.4						10.2	11.9
SW	.6	1.1	3.0	2.1	.4							7.1	9.5
WSW	.5	.6	1.4	.8	.1							3.4	8.9
W	.2	.5	.6	.5								1.8	7.6
WNW	.1	.2	.2	.1	.1	.1						.9	10.5
NW	.1	.2	.6	.9	.2	.1						2.2	11.9
NNW	.4	.4	2.0	3.1	1.3	.2	.1					7.4	12.6
VARBL													
CALM												3.5	
	6.9	15.7	27.3	32.2	10.8	3.1	.6					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 840

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

SURFACE WINDS

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

13945 STATION FT SILL AAF OK STATION NAME 68-70,73-79 YEARS MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	2.1	5.2	7.2	2.8	1.3	.2					19.0	12.9
NNE	.5	1.2	2.6	3.2	.8							8.7	9.9
NE	.4	.4	1.5	1.2								3.4	9.2
ENE	.4	.5	.9	.1								1.8	6.6
E	.5	1.3	.9	.6								3.3	6.5
ESE	.4	1.1	.7	.6								2.7	6.9
SE	.9	.4	.8	.4	.1							2.6	7.1
SSE	.5	1.8	2.1	2.1	.2							6.7	9.1
S	.7	1.4	5.4	5.6	1.9	.4						15.4	11.3
SSW	.6	1.4	2.0	2.8	.6	.1						7.6	10.5
SW	.6	1.9	1.7	.9	.5							5.6	8.3
WSW	1.1	1.3	.7	.9	.1	.2						4.0	8.0
W	.1	.9	1.3	.4	.1	.2						3.1	9.4
WNW	.1	.1	.7	.1	.2							1.3	9.3
NW	.2	.4	.4	.4	.4	.1						2.4	11.9
NNW	.2	1.1	2.1	2.0	1.9	.2						8.4	12.4
VARBL													
CALM												4.0	
	7.7	17.1	29.1	29.3	9.7	2.8	.2					100.0	10.0

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)

13945
STATION

FT SILL AAF OK
STATION NAME

68-70, 73-79
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	1.5	3.4	5.5	6.2	1.3	1.7						19.6	10.8
NNE	1.3	2.3	3.0	3.2	.2							10.0	3.6
NE	1.2	.8	.8	.6								3.4	6.0
ENE	.4	.4	.6									1.3	5.3
E	.9	1.4	.4									2.7	4.5
ESE	1.1	1.3	.6	.4								3.3	5.5
SE	1.3	3.1	1.5	.5	.1							6.5	6.1
SSE	1.4	3.1	4.0	1.2	.1							9.8	7.4
S	2.4	3.6	3.2	3.1	.2							12.5	7.7
SSW	.9	1.7	.9	.7								4.3	6.2
SW	.8	.4		.1								1.3	4.5
WSW	.8	.6	.4	.4	.1							2.3	6.8
W	.6	.8	.5			.4						2.3	8.0
WNW	.2	.4	.1	.2	.1							1.1	8.2
NW	.7	.4	.2	.5	.2							2.0	8.2
NNW	.7	1.4	1.3	.9	.2	.4						5.0	9.0
VARBL													
CALM												12.7	
	16.4	24.9	23.0	17.9	2.7	2.4						100%	7.0

TOTAL NUMBER OF OBSERVATIONS 843

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION F1 SILL AAF OK STATION NAME 6h-70,73-79 YEARS F68 MONTH 2100-2300
 CLASS ALL WEATHER HOUR (L & 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	5.3	5.5	7.9	1.5	1.4	.5					25.3	10.6
NNE	.5	1.7	2.0	3.1	.2	.1						7.6	9.6
NE	.2	.9	.6	.2	.1	.1						2.3	2.6
ENE	.7	.2	.2									1.2	3.3
E	.7	.4	.1									1.2	3.8
ESE	.9	1.1	.9	.6								3.6	6.2
SE	1.4	1.8	1.7	.7	.1							5.7	6.8
SSE	2.0	2.6	3.6	2.4								10.6	7.4
S	.8	2.5	3.4	3.1								9.8	8.6
SSW	.5	.7	.5	.5								2.1	7.3
SW	.8	.1										.9	2.4
WSW	.9	.9	.4	.4								2.6	5.5
W	.9	.6	.1		.1							1.8	4.3
WNW	.2	.1	.2	.1	.2							.9	10.5
NW	.7	.4	.2	.4		.1						1.8	7.5
NNW	1.1	.9	1.5	.8	.1	.4	.1					5.0	9.1
VARBL													
CALM												17.7	
	15.7	20.3	21.0	20.2	2.5	2.1	.6					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 843

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION FT SILL AAF PK STATION NAME 68-70, 73-79 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	2.3	4.1	0.1	7.7	3.1	1.5	.3					24.9	11.3
NNE	.9	1.4	2.1	2.9	.7	.2	.0					8.2	10.0
NE	.6	.9	.6	.5	.1	.0						2.9	7.2
ENE	.5	.5	.6	.1								1.6	5.7
E	.0	.8	.6	.3								2.2	6.1
ESE	.6	.7	.5	.3	.0							2.2	6.1
SE	.9	1.2	1.0	.2	.1							3.7	6.6
SSE	1.3	1.9	2.6	1.3	.1	.0						7.3	7.6
S	1.6	2.6	3.6	3.5	.6	.1						11.9	8.4
SSW	.6	1.4	1.3	1.2	.3	.1						4.9	9.0
SW	.8	.9	1.0	.5	.1							3.3	7.0
WSW	.8	.9	.6	.3	.1	.0						2.8	6.6
W	.5	.6	.5	.3	.1	.1						2.1	7.5
WNW	.2	.2	.2	.1	.1	.0						.9	9.2
NW	.3	.4	.5	.7	.2	.1						2.2	10.0
NNW	.7	.9	1.8	1.8	.7	.3	.1					6.3	11.0
YARBL													
CALM												12.6	
	13.1	19.4	24.0	21.9	6.3	2.4	.4					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 0762

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION FT SILL AAF INK STATION NAME 67-70,73-78 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	4.8	5.5	6.7	2.0	1.0	.1					22.5	10.2
NNE	1.1	1.6	1.6	2.3	.4							7.0	8.8
NE	1.0	.8	.3	.3								2.4	5.5
ENE	.2	.6	.5	.2								1.6	6.3
E	.1	.6	1.0	.5								2.3	8.2
ESE	.4	.4	.2	.5		.2						1.8	9.1
SE	.6	1.7	2.3	.3		.1						5.3	7.2
SSE	1.9	3.9	3.2	4.4	.4	.1						14.0	8.6
S	.6	1.8	4.4	3.9	.5							11.3	9.9
SSW	.5	.9	.6	.1								2.5	5.1
SW	1.1	1.3	.3	.2								2.9	4.9
WSW	1.1	1.0	.5	.1								2.7	4.7
W	.3	1.2	.5	.6								2.7	7.7
WNW			.3	.2	.2							.8	13.9
NW	.3	.4	.4	.1	.3	.1						1.7	9.4
NNW	.2	1.4	1.7	1.6	.4							5.4	9.7
VARBL													
CALM												13.3	
	12.3	22.5	23.5	22.4	4.4	1.8	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L & 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	5.7	5.7	6.9	2.9	1.0						23.5	10.7
NNE	.9	1.2	1.9	1.7	.5	.3	.1					6.7	10.2
NE	.2	1.1	.3	.3								1.9	6.5
ENE	.3	.3	.6	.1								1.4	6.3
E	.5	.5	.6	.1								1.8	5.8
ESE	.6	1.0	1.4	.1								3.1	6.3
SE	1.4	1.7	.9	.5								4.5	5.8
SSE	1.2	2.6	3.4	3.4	.1	.3						11.1	9.0
S	.8	3.2	4.8	2.4	.1							11.3	8.1
SSW	1.4	1.2	.3	.5								3.4	5.4
SW	1.0	.8	.2									1.9	3.8
WSW	.9	1.4	1.0	.1								3.3	5.7
W	.4	1.0	.3	.1								1.8	4.8
WNW	.1	.2	.2	.1	.2	.1						1.0	12.7
NW	.5	.4	.3	.5	.5	.3						2.7	11.7
NNW	.3	1.2	1.7	1.9	.2	.2						5.6	10.2
VARBL													
CALM												14.8	
	11.9	23.4	23.9	18.9	4.6	2.3	.1					100.0	7.4

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)

13945 STATION FT SILI AAF OK STATION NAME 67-70, 73-78 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	2.0	4.8	4.4	6.6	4.3	1.4	.1					23.7	11.5
NNE	1.1	1.2	2.7	1.2	.8		.1					6.9	9.0
NE	.4	1.0	1.1	.6								3.1	7.4
ENE		.4	.4	.1								1.0	7.4
E	.1	.8	.4	.1								1.4	6.2
ESE	.5	.1	1.0	.4								2.0	7.9
SE	.3	1.2	1.0	.9	.3							3.7	8.5
SSE	.8	2.3	4.1	3.3	.3							10.8	9.1
S	1.6	3.2	3.5	3.8								12.2	8.0
SSW	2.0	1.2	1.0	.2	.1							4.5	5.2
SW	.5	.6	.6	.2								2.2	5.5
WSW	.9	1.3	.6									2.8	6.7
W	.5	.6	.5	.4								2.3	6.7
WNW	.1	.2	.2									.5	5.6
NW	.3	1.0	.6	.3	.2	.4						2.9	10.0
NNW	.8	2.2	1.3	1.3	.4	.2						6.3	9.0
VARBL													
CALM												13.9	
	12.3	22.0	23.5	19.7	6.3	2.0	.2					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

1394⁵ STATION FT SILI AAF MK STATION NAME 57-70, 73-78 YEARS MAR MONTH
 0900-1100 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.2	3.7	8.1	3.9	2.3	.2					19.6	14.3
NNE	.4	1.0	1.9	2.9	.9	.2						7.3	11.2
NE	.2	1.3	1.6	1.2								4.3	8.6
ENE		1.0	1.0	.1								2.0	7.3
E	.5	1.0	.5	.5								2.6	7.1
ESE	.2	.4	.9	.5								2.0	8.6
SE	.3	.9	1.3	2.5	.5							5.5	11.2
SSE	.4	1.1	2.7	4.2	.8							10.1	10.5
S	.3	1.1	4.2	7.3	2.3	.2						15.4	12.3
SSW	.8	1.3	2.4	2.9	.3							7.6	9.5
SW	.5	1.4	3.0	1.7	.4							7.1	9.1
WSW	.3	.9	1.3	.9	.2							3.5	8.7
W	.4	.4	.3	.4	.1							1.7	7.9
WNW	.1		.1	.2		.2						.6	14.5
NW	.1	.3	.3	.5		.1						1.4	10.5
NNW	.2	.9	1.5	2.2	1.1	.4						6.2	12.2
VARBL													
CALM												2.9	
	5.4	14.0	27.6	36.0	10.4	3.4	.2					100.0	10.9

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)

STATION 13945 STATION NAME FT SILL AAF OK YEARS 67-70, 73-78 MONTH MAR
 ALL WEATHER CLASS _____ HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNOTS) 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	3.2	6.9	4.2	.9	.3					16.6	14.4
NNE	.3	.6	1.4	3.2	.9	.1						6.9	11.9
NE	.6	.6	1.1	.9								3.2	7.9
ENE		.4	.2	.2								.9	8.0
E	.3	.5	1.3	.5								2.7	7.8
ESE	.2	.2	1.0	.5								1.9	8.5
SE	.1	.6	1.3	2.3	.4	.1						4.8	11.5
SSE		.8	2.4	4.7	1.4	.3						9.6	12.7
S	.4	1.3	3.1	7.7	4.3	.3						17.2	13.3
SSW	.3	1.1	3.4	4.4	1.0							10.2	11.1
SW	.2	.9	2.3	2.3	.5	.1						6.8	10.9
WSW	.1	.3	1.6	1.1	1.0	.2						4.3	12.3
W	.2	.2	.5	.6	.1	.6						2.2	12.8
WNW	.3	.2	.2	.5	.1	.2						1.4	12.4
NW		.3	.3	.8	.2	.2						1.8	13.6
NNW	.4	.4	1.2	3.8	1.4							7.2	13.0
VARBL													
CALM												2.4	
	4.0	9.1	24.5	41.5	15.3	2.4	.3					100.0	12.0

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)

13945 STATION FT SILI AAF OK 67-70, 73-78 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	.5	1.0	4.4	5.8	2.4	1.6	.1					15.8	13.3
NNE	.1	.9	1.5	3.2	1.6							7.3	12.5
NE		1.0	1.0	.6								2.6	8.5
ENE	.2	.9	.4	.3								1.8	7.4
E	.6	.3	1.1	1.0								3.0	8.1
ESE	.1	.3	1.3	.6	.1							2.5	9.8
SE	.3	1.0	2.0	3.4	1.1	.3						8.2	12.0
SSE	.1	1.0	2.2	3.7	1.3	.3						8.7	12.9
S	.3	1.6	4.2	7.1	4.1	.5						17.8	13.0
SSW	.4	1.3	2.0	3.8	.8							9.3	10.8
SW	.2	1.1	1.9	1.7	.3							5.3	9.6
WSW	.2	.4	1.3	1.1	.3	.3						3.7	11.5
W	.1	.2	.6	1.0	.6	.6	.1					3.3	15.5
WNW		.4	.4	.2	.1							1.2	9.3
NW		.1	.4	2.0	.2	.2						3.0	13.8
NNW		.8	1.4	2.6	.8	.3						5.8	12.7
VARBL													
CALM												1.7	
	3.3	12.2	26.2	38.2	13.7	4.5	.2					100.0	11.9

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)

1945
STATION

FI SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPFED (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	1.8	3.7	4.8	1.9	1.4	.1					14.2	12.8
NNE	.5	1.8	1.8	2.3	.5	.1						7.3	10.0
NE	1.0	2.2	.8	1.0								4.8	6.9
ENE	.6	1.3	1.0	.1		.1						3.1	6.6
E	1.0	1.3	1.4	.3								4.0	6.1
ESE	.3	1.1	1.2	.3	.3							3.2	8.1
SE	.9	1.8	3.4	3.4	.4	.2						10.2	9.7
SSE	.6	2.6	4.3	5.3	.8							13.5	10.2
S	1.0	3.8	4.0	4.4	.5							13.7	8.9
SSW	.5	1.1	1.4	.6								3.7	7.3
SW	.5	.8	.4	.5								2.3	6.9
WSW	.4	.2	.5	.3	.1							1.6	8.1
W	.2	.9	.9	.5	.5	.1						3.1	10.0
WNW	.2	.1	.6	.2	.3							1.5	10.3
NW	.3	.4	.8	.8	.3							2.6	9.7
NNW	.4	.6	1.7	1.6	.4							4.8	10.2
VARBL													
CALM												6.3	
	9.0	21.7	27.8	26.6	6.2	1.9	.1					100.0	9.9

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)

STATION 13945 STATION NAME FT SILL AAF OK YEARS 67-70, 73-78 MONTH MAR
STATION NAME YEARS MONTH

CLASS ALL WEATHER MONTH 2100-2300
CLASS MONTH (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	3.7	3.1	4.3	2.5	1.2	.1					16.3	11.3
NNE	.4	1.7	2.8	2.9	.3							8.2	9.7
NE	.5	1.5	1.0	.9	.1							4.0	7.5
ENE	.3	1.5	.5	.1								2.5	5.9
E	.2	1.5	1.1									2.8	6.1
ESE	.5	1.7	1.0	.8	.2							4.2	7.8
SE	1.3	1.4	3.4	2.3	.2	.1						8.7	8.5
SSE	1.0	3.9	4.3	5.1	1.2	.1						15.5	9.7
S	.3	2.2	3.4	4.1	.9							10.9	10.1
SSW	.4	1.2	.5	.1								2.3	5.5
SW	.3	.8	.1	.4								1.6	6.3
WSW	1.2	.5	.2	.1								2.0	4.2
W	.6	.5	.6	.5								2.4	7.5
WNW	.1	.2	.3	.2	.3	.1						1.6	12.2
NW	.1	1.3	.6	.3								2.4	7.2
NNW	.4	.6	2.0	1.4	.3							4.8	9.8
VARBL													
CALM												9.9	
	9.4	24.2	25.2	23.8	6.0	1.5	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1945 STATION FT SILI AAF OK STATION NAME 67-70, 73-78 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	1.1	3.0	4.2	6.2	3.0	1.3	.1					19.0	12.1
NNE	.6	1.2	2.0	2.6	.7	.1	.0					7.2	10.4
NE	.5	1.2	.9	.7	.0							3.3	7.4
ENE	.2	.8	.6	.2		.0						1.8	6.7
E	.4	.8	.9	.4								2.6	6.9
ESE	.4	.7	1.0	.5	.1	.0						2.6	8.1
SE	.7	1.3	1.9	2.0	.4	.1						6.4	9.5
SSE	.8	2.2	3.4	4.4	.8	.2						11.7	10.2
S	.7	2.3	4.0	5.1	1.6	.1						13.7	10.8
SSW	.8	1.1	1.5	1.6	.3							5.3	8.7
SW	.0	.9	1.1	1.0	.2	.0						3.7	8.2
WSW	.6	.8	.9	.5	.2	.1						3.0	8.0
W	.4	.6	.6	.5	.2	.1	.0					2.4	9.6
WNW	.1	.1	.3	.3	.2	.1						1.1	11.2
NW	.2	.5	.5	.7	.2	.2						2.3	10.7
NNW	.3	1.0	1.6	2.1	.6	.1						5.8	11.0
VARBL													
CALM												8.2	
	8.4	18.6	25.3	28.4	8.4	2.5	.2					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945
STATION

FT SILL AAF MK
STATION NAME

67-70, 73-78
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	6.3	3.6	2.1	1.0	.2	.1					16.0	7.6
NNE	.2	1.4	1.7	.9	.1							4.3	8.4
NE	.2	1.3	.8									2.3	5.9
ENE	.3	1.0	.2									1.6	5.1
E	.6	.7	.4									1.7	4.8
ESE	.7	.6	.4	.1								1.8	5.3
SE	.9	2.4	3.1	2.4	.1							9.4	8.4
SSE	2.1	5.2	7.8	5.9	1.3	.3		.1				22.8	9.4
S	.8	2.4	2.7	5.4	.8	.2						12.3	10.4
SSW	.1	1.0	.3	.3								1.8	7.0
SW	.4	.4	.1	.2								1.2	5.5
WSW	1.2	.4	.1	.2								2.0	4.4
W	.8	.2	.2	.1								1.3	4.3
WNW	.4	.7	.2	.1								1.4	5.5
NW	.8	.4	.4	.8								2.4	7.7
NNW	1.2	.9	.8	1.8	.7	.3						5.7	10.2
VARBL													
CALM												11.9	
	13.4	25.6	22.9	20.9	4.0	1.1	.1	.1				100.0	7.4

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)

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
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	3.6	4.8	4.1	2.9	1.0	.6						16.9	8.1
NNE	1.0	1.8	1.7	.9	.3							6.2	7.2
NE	.8	.4	.6	.3								2.1	5.9
ENE	.4	.2	.1									1.1	4.1
E		.8	.6		.1							1.4	6.8
ESE	.4	1.2	.9									2.6	5.7
SE	1.6	1.8	2.4	1.6	.1	.1						7.6	7.3
SSE	1.2	5.2	5.3	2.4	.5							17.8	8.8
S	2.0	2.3	5.3	3.3	.6							13.6	8.5
SSW	.8	.9	.8	.1								2.6	5.6
SW	.3	.2	.4	.1	.1							1.2	7.5
WSW	1.4	1.3	.4		.1							3.2	4.9
W	1.1	1.1	.3	.1								2.7	4.4
WNW	.1	.3		.1								.6	5.4
NW	.1	.4	.7	.4								1.7	8.9
NNW	.8	.8	1.1	1.3	1.0	.1						5.1	10.9
VARBL													
CALM												13.8	
	16.1	24.0	24.8	16.7	3.9	.4						100.0	6.7

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)

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	3.8	3.1	3.4	1.2	.6						13.6	9.7
NNE	.9	2.4	2.1	1.1	.1	.1						6.8	7.5
NE	.7	.7	1.2	.3	.2							3.1	7.8
ENE		.4	.4									.9	6.9
E	.1	.4	.8	.2								1.6	7.6
ESE	.2	1.4	.6	.6								2.8	7.0
SE	.8	1.4	3.3	1.9								7.4	8.5
SSE	1.8	2.6	6.1	5.8	.3							16.6	9.2
S	1.7	3.6	5.2	3.6	.6							14.6	8.6
SSW	.5	1.3	.5	.1								2.8	5.6
SW	.4	1.3	.4	.1								2.3	5.6
WSW	1.0	2.7	1.0	.2								4.9	5.3
W	.6	1.2										1.8	3.8
WNW	.1	.1	.2	.2								.7	8.5
NW	.7	.4	.8	.2								2.1	6.3
NNW	.6	.8	2.0	2.4	.6	.1						6.4	10.6
VARBL													
CALM												11.8	
	11.4	24.7	28.1	20.2	3.0	.6						100.0	7.3

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)

13945 STATION FT SILL AAF OK STATION NAME 7-70, 73-78 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	.7	.7	2.1	5.2	2.2	.4						11.3	13.1
NNE	.4	.9	1.2	1.4	.1	.2						4.3	9.8
NE	.4	.7	1.0	1.4								3.6	9.1
ENE	.2	.9	.8	1.0								2.9	8.6
E	.6	.9	1.3	.6								3.3	7.3
ESE	.1	.3	1.7	.7	.2							3.0	9.7
SE	.1	.7	1.7	3.0	.2							5.7	11.2
SSE	.2	1.2	2.4	6.9	2.2	.2						13.2	12.7
S	.3	1.4	4.0	8.2	3.3							17.3	12.6
SSW	.2	1.3	2.2	4.1	.6							8.4	11.1
SW	.7	1.4	3.1	1.8	.1							7.1	8.7
WSW	.2	.8	1.7	1.0								3.7	8.3
W	.4	.4	.7	1.0	.1							2.8	11.0
WNW	.2	.3	.8	.2								1.6	7.1
NW	.1	.1	.8	1.0								2.0	10.7
NNW	.4	.3	1.4	1.9	1.2							5.3	12.1
VARBL													
CALM												4.4	
	5.0	12.4	26.9	40.0	10.3	.9						100.0	10.6

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)

13945
STATION

FT SILL AAF OR
STATION NAME

67-70, 73-78
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	.6	.8	2.3	4.5	1.9	.1						10.5	12.3
NNE	.2	.7	1.4	1.7	.1							4.1	9.7
NE	.2	.9	1.6	.4	.1							3.2	7.8
ENE	.3	.4	1.1	.4								2.3	7.9
E	.6	1.6	1.3	.6								4.0	7.0
ESE	.1	.6	1.2	1.1								3.0	9.2
SE	.3	.3	1.4	2.9	1.2	.1						6.3	12.6
SSE	.2	1.2	3.1	5.7	3.0	.2						13.5	12.9
S	.7	2.0	4.1	10.5	4.8	.6	.1					22.7	13.3
SSW	.1	1.1	1.9	3.3	.8	.1						7.3	11.6
SW	.7	1.4	1.8	1.7	.3							5.9	8.9
WSW	.1	1.0	.7	1.1	.2	.1						3.2	10.1
W	.2	.6	.9	.4	.7	.1						3.2	11.5
WNW	.1	.8	.4	.7								2.0	8.8
NW		.3	.9	.8	.3							2.3	11.6
NNW		.2	1.6	1.4	.9	.2						4.3	13.3
VARBL													
CALM												2.0	
	4.4	13.9	25.8	37.8	14.3	1.0	.1					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

899

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 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	.2	1.1	2.6	4.3	.8	.1						9.1	11.5
NNE	.4	.9	2.2	1.9								5.4	9.2
NE	.3	1.0	1.0	1.1	.4							3.9	9.6
ENE	.4	.6	.9	.2								2.1	6.8
E		.7	1.1	.9								2.7	8.9
ESE		.7	.9	.7	.4							2.7	17.6
SE	.1	1.0	2.4	4.0	1.7	.1	.1					9.4	12.3
SSE	.1	1.0	3.7	6.4	3.6	1.0	.1					15.8	13.9
S	.4	2.3	3.9	10.0	4.2	.6						21.7	12.9
SSW	.8	1.1	1.7	2.6	.6	.1	.1					6.9	10.4
SW		1.6	.6	1.0	.2							3.3	9.5
WSW	.2	.6	1.4	.8	.6							3.6	10.3
W	.3	.7	.9	.7	.1	.1						2.8	9.6
WNW			.3	.8	.2							1.3	14.0
NW		.2	.6	1.0	.4							2.2	12.9
NNW	.2	.1	1.4	1.9	1.1	.2	.1					5.1	13.8
VARBL													
CALM												2.0	
	3.7	13.4	25.6	38.1	14.3	2.4	.4					100.0	11.6

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)

STATION 13945 FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS APR MONTH
 CLASS ALL WEATHER HOURS (L & T.) 1800-2000
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	3.4	3.0	2.4	1.1							11.9	8.5
NNE	.9	.9	2.4	1.0	.1							5.3	8.3
NE	.3	.9	1.4	.8								3.4	7.9
ENE	1.0	1.2	.3									2.6	4.1
E	.3	.8	.6	.4								2.1	7.2
ESE	.7	1.6	1.9	1.7	.3							6.1	8.7
SE	1.2	3.3	5.9	3.8	.8							15.0	9.2
SSE	.7	3.1	5.1	7.4	1.9	.6						18.8	11.2
S	1.0	2.7	4.0	5.0	1.3	.2	.1					16.0	10.1
SSW	.1	1.2	1.1	.2								2.7	7.0
SW	.3	.7	.3		.1							1.4	5.6
WSW	.1	.2	.1	.2								.7	7.7
W	.3	.7	.4	.2	.2							1.9	7.9
WNW		.1	.3	.2	.3							1.0	12.1
NW		.4	.4	.6	.2							1.9	10.6
NNW	.2	.9	1.0	1.4	.9	.4						4.9	12.5
VARBL													
CALM												4.3	
	9.7	22.1	29.0	26.2	7.3	1.2	.1					100.0	9.0

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)

13945 STATION FT SILL AAF MK STATION NAME 67-70, 73-78 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	2.6	4.9	3.0	1.6	.9	.5						13.3	7.7
NNE	1.9	2.6	1.0	1.2	.1							6.4	6.5
NE	.5	1.2	.3	.1								2.2	5.2
ENE	1.0	.2	.5	.1								1.9	4.8
E	1.4	1.4	.6									3.4	4.2
ESE	.1	.6	1.7	.5	.2							3.8	9.2
SE	1.0	2.8	4.6	3.7	1.1	.3						14.0	9.7
SSE	1.8	3.6	6.6	7.6	.7	.4						20.6	9.9
S	1.0	1.8	3.0	3.9	.3							10.0	9.7
SSW	.2	.6	.8	.4								2.0	8.1
SW	.2	.2	.1	.1								.7	6.2
WSW	.6	.3	.2									1.1	4.3
W	.6	.1	.2									.9	4.3
WNW	.2	.2	.2	.1								.8	6.4
NW	.3	.6	.6	.7	.1							2.2	8.3
NNW	1.1	1.3	1.8	.4	.3	.2	.1					5.7	8.7
VARBL													
CALM												11.0	
	15.0	22.3	25.1	21.1	3.9	1.4	.1					100.0	7.5

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)

13945 FT SILL AAF OK 67-70, 73-78 APR

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.2	3.0	3.3	1.3	.3	.0					12.8	9.5
NNE	.8	1.4	1.7	1.3	.1	.0						5.4	8.2
NE	.4	.9	1.0	.6	.1							3.0	7.7
ENE	.5	.7	.6	.2								1.9	6.3
E	.4	.9	.8	.3	.0							2.5	6.7
ESE	.3	.9	1.2	.7	.2							3.2	8.4
SE	.8	1.7	3.1	3.0	.7	.1	.0					9.4	9.7
SSE	1.0	2.9	5.0	6.4	1.7	.3	.0	.0				17.4	10.8
S	1.1	2.3	4.1	6.3	2.0	.2	.0					16.0	11.1
SSW	.4	1.1	1.2	1.4	.2	.0	.0					4.3	9.5
SW	.4	.9	.9	.6	.1							2.9	8.1
WSW	.6	.9	.7	.4	.1	.0						2.8	7.1
W	.5	.6	.5	.4	.1	.0						2.2	7.9
WNW	.2	.3	.3	.3	.1							1.2	8.7
NW	.3	.4	.6	.7	.1							2.1	9.6
NNW	.6	.7	1.4	1.0	.8	.2	.0					5.3	11.4
VARBL													
CALM												7.7	
	9.8	19.8	26.0	27.6	7.6	1.3	.1	.0				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC,
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 13945 FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS MAY MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 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	3.2	3.8	2.4	.1							11.7	7.4
NNE	.8	1.8	1.7	1.3								5.6	7.7
NE	.4	1.2	1.0	.1								2.7	6.3
ENE	.9	.6	.6	.1								2.3	5.3
E	1.0	.5	1.0	.1		.1						2.9	7.1
ESE	1.3	1.2	.6	.5		.1						3.8	6.1
SE	1.9	2.9	3.0	.4	.2							8.8	6.4
SSE	3.9	5.3	7.1	2.4	.2							18.8	6.9
S	1.3	3.5	4.9	3.3	.1							13.2	8.2
SSW	.6	.9	1.0	.1								2.8	6.7
SW	.4	.2	.1									1.1	3.1
WSW	.9	.2	.3									1.4	3.7
W	.5	1.2	.3	.1	.1							2.3	5.7
WNW	.2	.4	.2									.9	4.5
NW	.2	.3	.2	.1	.4							1.3	9.9
NNW	.4	1.0	1.0	.6		.1						3.1	7.9
VARBL													
CALM												17.4	
	17.3	24.5	26.9	12.4	1.2	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
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	3.1	4.5	3.1	3.1	.3	.2						14.4	7.4
NNE	.6	1.7	2.0	1.4	.1							5.9	7.9
NE	.8	.3	.8	.2								2.0	6.2
ENE	.4	1.4	.8	.2								2.8	5.9
E	.8	1.1	.6	.4	.1							3.0	6.7
ESE	1.1	1.4	.8	.3								3.5	5.5
SE	1.8	2.3	1.4	1.2	.1							6.8	6.5
SSE	2.2	6.2	6.6	1.9								16.9	6.9
S	1.5	2.7	4.2	2.4	.1							10.9	7.8
SSW	1.1	1.2	.6	.2								3.1	5.5
SW	.9	.2	.1	.1								1.3	4.2
WSW	.5	1.2	.1	.1								1.9	5.2
W	.4	.3	.3	.1								1.2	6.0
WNW	.3	.1	.1									.5	5.0
NW	.3	.3	.3	.1								1.1	6.4
NNW	.6	1.4	.9	.6	.1							3.7	6.9
VARBL													
CALM												21.0	
	16.5	26.3	22.7	12.5	.9	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945
STATION

FT SILL AAF PK
STATION NAME

07-70, 73-78
YEARS

MAY
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	3.0	3.1	4.4	4.1	.4	.1						15.2	8.2
NNE	.5	2.0	1.2	1.6	.4	.1						5.9	8.9
NE	.5	1.4	.6	.5								3.1	6.3
ENE	.8	1.0	.5	.3								2.6	5.5
E	.0	1.4	1.4	.5								4.0	6.9
ESE	1.2	1.2	.9	.3								3.5	5.4
SE	1.4	2.9	1.0	.0								6.0	5.9
SSE	1.3	4.1	6.6	2.0		.1						15.2	7.8
S	1.8	3.0	6.6	4.6	.3							16.3	8.6
SSW	1.0	1.5	1.8	.4								4.7	6.3
SW	.6	.6	.5									1.8	4.7
WSW	.4	1.1	.2									1.7	4.8
W	.2	.8	.3	.2								1.5	6.3
WNW	.2	.1	.1									.4	4.8
NW	.3	.3	.4	.1	.1							1.3	7.4
NNW	.4	.9	1.0	.5	.3							3.1	8.5
VARBL													
CALM												13.5	
	14.9	25.4	27.5	16.7	1.6	.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)

13945 STATION FT SILL AAF ORK STATION NAME 67-70, 73-78 YEARS MAY MONTH
 ALL WEATHER CLASS 0900-1100 HOUR (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	2.3	2.8	5.0	.8	.2						13.2	10.3
NNE	.4	1.3	1.3	1.9	.4	.2						5.6	10.3
NE	.8	.5	1.0	1.0	.2							3.4	8.4
ENE	.3	1.0	1.3	.4								3.0	7.3
E	.9	1.4	1.2	.6								4.2	6.9
ESE	.5	.9	1.0	.8								3.1	7.6
SE	.5	1.2	2.2	1.6	.1							5.6	8.7
SSE	.4	2.0	3.2	3.7	.3							9.7	9.7
S	.9	2.8	8.3	10.4	1.3	.1						23.8	10.8
SSW	.4	1.5	3.1	2.9	.2							8.2	9.6
SW	.3	1.7	2.7	1.1								5.8	7.9
WSW	.6	1.1	1.5	.1								3.3	6.4
W	.2	.6	.3	.4								1.6	7.6
WNW		.2	.3	.1	.1							.8	10.7
NW	.2	.2	.5	.5	.1							1.6	9.7
NNW	.1	.2	1.0	1.2	.2	.2						2.9	12.1
VARBL													
CALM												4.2	
	8.0	18.9	31.6	32.6	3.8	.6						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION FT SILL AAF BK STATION NAME 67-70, 73-78 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	1.0	1.1	3.4	4.3	1.4	.2						11.4	11.1
NNE	.1	1.0	1.3	2.9	.2							5.5	10.9
NE	.2	.8	1.8	.8	.1	.1						3.4	9.4
ENE	.2	1.0	.5	.4								2.2	7.4
E	.3	.8	1.5	.5								3.3	7.8
ESE	.3	.4	.9	1.3	.2							3.1	9.8
SE	.9	1.9	2.2	1.9								6.9	8.1
SSE	.6	2.0	4.7	6.1	.8							14.3	10.4
S	.5	2.8	6.7	12.3	2.3							24.6	11.4
SSW	.4	1.6	2.5	1.7	.3							6.6	9.1
SW	.2	1.5	1.5	.4								3.7	7.4
WSW	.4	1.6	1.7	.4	.2							4.4	7.1
W	.3	.4	.6	.6	.1							2.2	8.9
WNW		.1	.3	.1		.1						.6	10.8
NW	.2	.3	.8	.5		.1						1.9	9.1
NNW		.6	.5	1.4	.2							2.8	11.1
VARBL													
CALM												3.1	
	6.1	18.0	30.6	35.8	5.8	.5						100.0	9.7

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)

13945
STATION

FT SILI AAF OR
STATION NAME

67-70, 73-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.9	3.7	4.5	1.2	.2						12.2	10.8
NNE	.0	.8	1.7	2.3	.5							6.0	10.0
NE		.6	1.1	.6	.4							2.8	10.2
ENE	.8	.9	.9	1.1								3.5	7.8
E	.6	1.4	.9	.8	.1							3.8	7.6
ESE	.3	.9	1.7	1.0	.2							4.1	8.9
SE	.9	.6	2.6	4.0	.2							8.5	10.4
SSE	1.1	1.9	4.7	8.4	1.9	.2						18.3	11.5
S	1.6	2.8	5.9	8.3	1.6	.4						20.3	10.8
SSW	.2	1.1	1.4	1.4	.3							4.4	9.8
SW	.5	.8	.6	.3								2.3	6.3
WSW	.6	.6	1.1	.2								2.6	6.5
W	.2	1.1	.9	.3	.1	.2						2.8	8.5
WNW	.1	.2	.1		.1							.5	7.8
NW	.4	.2	.4			.2	.1					1.4	10.1
NNW	.1	.6	1.1	1.4	.2							3.4	10.1
VARBL													
CALM												3.1	
	8.9	16.5	28.6	34.2	7.0	1.3	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFCTAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13945 FF SILL AAF TK STATION NAME 67-70,73-78 YEARS MAY MONTH
 CLASS ALL W/THER 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	1.2	2.6	3.4	2.0	.2	.1		.1				10.2	8.8
NNE	1.3	2.0	3.0	1.7	.9							8.9	8.6
NE	.9	2.0	1.1	.8	.1							4.8	6.9
ENE	1.4	.9	.6	.4								3.3	5.7
E	1.2	2.5	.6	.5								4.8	5.7
ESE	1.2	2.5	2.7	1.0								7.3	6.7
SE	1.4	3.5	4.8	3.1	.5							13.4	8.5
SSE	2.0	4.2	6.7	6.1	1.4							21.0	9.2
S	1.4	3.2	4.2	4.5	.4	.1						13.9	9.2
SSW	.4	.4	.3									1.2	5.1
SW	.2	.4	.1									.8	4.6
WSW	.3	.3	.2	.2								1.1	5.7
W	.1	.5	.1	.1								.9	6.0
WNW	.1	.2	.1		.1	.1						.6	10.0
NW			.1		.2	.1						.4	18.5
NNW	.2	.3	.9	.3								1.7	7.9
VARBL													
CALM												5.6	
	13.9	25.7	29.0	21.4	3.9	.4		.1				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 430

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION FT SILL AAF PK 67-70, 73-78 YEARS DAY MONTH 21 -2300
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	4.1	2.6	1.6	.3	.1						11.3	7.0
NNE	.6	1.6	1.6	1.7	.1	.1						6.0	8.8
NE	1.2	1.1	1.2	.3								3.8	5.8
ENE	1.1	1.5	1.2	.2								4.0	5.8
E	1.2	1.5	.5	.4	.1	.1						3.9	6.2
ESE	1.4	2.3	1.6	1.4		.1						6.4	6.6
SE	1.7	4.5	3.9	1.2	.1							11.4	6.7
SSE	4.3	6.0	7.5	3.2	.6	.1						22.0	7.5
S	1.5	2.0	2.8	2.7	.4							9.5	8.5
SSW	.4	.4	.3	.1	.2							1.5	7.3
SW	.3	.1										.4	2.5
WSW	.2		.1	.2								.5	7.8
W	.8	.3	.2	.4		.1						1.8	7.5
WNW	.4			.3								.8	7.6
NW	.4	.3	.1	.2	.2							1.3	8.6
NNW	.4	.4	.9	.4								2.2	7.4
VARBL													
CALM												13.3	
	18.6	26.3	24.9	14.1	2.2	.6						100.0	6.3

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)

STATION 13945 FT SILL AAF PK STATION NAME 67-70, 73-78 YEARS MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.3	3.4	3.6	.0	.1		.0				12.4	3.9
NNE	.6	1.5	1.0	1.9	.3	.1						6.2	9.1
NE	.6	1.0	1.0	.5	.1	.1						3.3	7.5
ENE	.7	1.0	.8	.4								3.0	6.3
E	.8	1.3	1.0	.5	.0	.0						3.7	6.3
ESE	.9	1.3	1.3	.8	.1	.1						4.4	7.0
SE	1.3	2.5	2.6	1.0	.2							8.4	7.7
SSE	2.1	4.0	5.9	4.3	.7	.1						17.0	8.6
S	1.3	2.9	5.4	6.1	.8	.1						16.6	9.8
SSW	.0	1.1	1.4	.9	.1							4.1	8.1
SW	.5	.7	.7	.2								2.1	6.4
WSW	.5	.8	.7	.2	.0							2.1	6.1
W	.3	.7	.4	.3	.0	.0						1.8	7.3
WNW	.2	.2	.2	.1	.0	.0						.6	7.8
NW	.3	.3	.4	.2	.1	.1	.0					1.3	9.3
NNW	.3	.7	.9	.8	.1	.0						2.9	9.0
VARBL													
CALM												10.2	
	13.0	22.7	27.7	22.5	3.3	.6	.0	.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
 USAF-ETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION FT SILI AAF TX STATION NAME 67-70, 73-78 YEARS MONTH JULY
 CLASS ALL AT, TH:R HOURS (L & T.) 0000-0200
 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	1.8	.9	.3							8.4	6.3
NNE	.6	1.0	1.1	.7	.1							3.4	7.6
NE	1.1	.7	.6	.1	.1							2.6	5.5
NNE	1.1	.3	.1									1.6	2.9
E	1.2	1.6	.6	.2								3.6	4.9
ESE	1.4	1.7	.4	.2								3.8	4.6
SE	2.2	3.8	3.1	.3								9.4	5.6
SSE	4.1	6.7	6.9	4.4	.7							24.8	7.7
S	1.7	5.2	7.2	5.0	.7							19.8	8.6
SSW	.7	.6	.4	.1								1.8	4.9
SW	.6	.1	.2									.7	4.2
WSW	.3	.2										.6	2.8
W	.1	.2	.1									.4	4.8
WNW	.1	.3		.1								.6	5.8
NW	.1	.7	.3	.1								1.2	6.0
NNW	.3	.2	.4	.7								1.7	8.6
VARBL													
CALM												15.6	
	18.3	26.0	25.3	12.9	1.9							100.0	5.9

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)

13945 STATION FT SILL AAF TX STATION NAME 67-70, 73-78 YEARS MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 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	5.1	2.9	1.1								11.6	6.1
NNE	1.1	1.9	.9	.4								4.3	5.8
NE	.4	.2	1.2	.3		.1						2.3	8.0
ENE	.7	.2	.3									1.2	3.8
E	1.2	.4	.2									1.9	3.4
ESE	2.0	1.6	.6	.2								4.3	4.4
SE	1.0	2.9	1.6	.4								5.9	5.0
SSE	3.1	6.2	6.8	2.3								18.4	6.6
S	2.7	6.6	6.3	4.9	.2							20.7	7.9
SSW	.9	.6	.7	.1			.1					2.3	6.2
SW	.1	.1										.2	3.5
WSW	.3	.1	.1									1.0	3.1
W	.4	.4										.9	2.3
WNW	.2	.2	.2	.1								.8	5.9
NW	.1	.3	.1	.1								.7	6.7
NNW	.7	.4	.4	.2								1.8	5.7
VARBL													
CALM												21.7	
	17.9	27.3	22.3	10.3	.2	.1	.1					100.0	5.0

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)

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 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	2.2	2.6	3.4	1.1	.1							9.4	7.1
NNE	.9	1.8	1.9	1.3	.2							6.1	8.1
NE	.3	1.0	.6	.3								2.2	6.5
ENE	.7	.3	.4									1.4	5.2
E	.2	.6	.9	.3								2.1	7.5
ESE	1.1	1.2	.4									2.8	4.3
SE	2.0	2.4	1.7	.2	.1							6.4	5.6
SSE	2.3	3.6	6.9	3.4	.1							16.3	7.8
S	1.7	5.6	10.1	8.1	.6	.1						26.1	9.2
SSW	.8	1.9	1.9	1.0								5.6	7.2
SW	1.4	.7	.1									2.2	3.2
WSW	.1	.2	.1									.4	5.0
W	.3	.6	.3	.1								1.8	5.2
WNW		.2	.1									.3	6.0
NW		.2	.2	.2	.2							.9	11.1
NNW		.2	.8	.3								1.3	9.3
VARBL													
CALM												14.4	
	14.7	23.0	29.9	16.6	1.3	.1						100.0	6.5

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)

13945 STATION FT SILL AAF OR STATION NAME 67-70, 73-78 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	.7	1.0	2.2	1.4	.2							5.6	8.9
NNE	.6	1.0	2.2	1.6	.2							5.6	8.6
NE	.7	1.3	1.8	.2	.1							4.2	7.3
ENE	.8	.9	.8	.1								2.6	5.3
E	.8	1.3	.7	.1	.1							3.0	5.9
ESE	.7	1.0	1.0	.2	.3							3.2	7.6
SE	.2	1.0	1.3	.4								3.0	7.8
SSE	.0	2.0	3.3	2.6	1.1							9.8	9.8
S	1.4	3.4	7.6	14.1	2.0	.1						28.9	10.9
SSW	1.1	2.8	5.8	6.4	.9							17.0	10.0
SW	.4	1.8	2.4	.7								5.3	7.6
WSW	.4	.3	1.3	.7								3.0	7.9
W	.4	.3	.7	.4								1.9	6.9
WNW		.1	.2									.3	6.0
NW			.3	.3								.7	10.2
NNW	.2	.7	.4	.7								2.0	8.3
VARBL													
CALM												4.0	
	9.0	19.2	32.3	30.3	5.0	.1						100.0	8.9

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)

13845 STATION FI SILI AAF OK STATION NAME 67-70, 73-78 YEARS MONTH JUN MONTH 1200-1400 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.4	2.0	1.1	.2							5.3	8.5
NNE	.9	.6	1.0	.9	.1							3.4	8.2
NE	.4	1.0	1.4	.9								3.8	7.6
ENE	.0	1.0	1.0	.4	.1							3.1	7.0
E	1.1	1.7	1.4	.1								4.3	5.7
ESE	.3	.9	1.2	.2	.1							2.8	7.4
SE	.8	1.4	2.2	1.7	.1							6.2	8.2
SSE	1.2	1.6	4.8	4.9	1.7							14.1	10.5
S	.9	2.3	10.6	14.5	2.9	.3						31.9	11.6
SSW	.9	1.1	3.2	3.2	1.0	.2						9.7	10.6
SW	.4	1.4	1.8	.7	.2							4.6	8.1
WSW	.4	.8	1.1	.2								2.6	6.6
W	.3	.7	.3									1.3	4.8
WNW	.1	.4	.2	.2								1.0	6.7
NW		.1	.4									.6	8.6
NNW	.3	.4	.8	.8								2.3	8.4
VARBL													
CALM												3.0	
	9.3	16.9	33.6	30.2	6.4	.6						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

STATION 13945 STATION NAME FT SILL AAF OK YEARS 57-70, 73-78 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.0	2.1	2.1								5.8	8.6
NNE		.2	2.0	.8	.1							3.1	10.1
NE	.3	1.9	1.3	1.1								4.7	7.8
ENE	.6	.8	1.6	.4								3.3	7.3
E	.7	2.1	1.7	.2								4.7	6.2
ESE	.4	1.2	2.6	.6								5.1	7.8
SE	.7	2.2	3.1	5.0	.8							11.8	10.2
SSE	1.0	1.9	4.1	11.3	4.0	.2						22.6	12.4
S	.6	1.9	6.9	12.2	3.3	.1						25.0	12.0
SSW	.1	.4	1.3	1.6	.2							3.7	10.8
SW	.6	1.2	.2	.3								2.3	5.5
WSW	.3	.7	.4									1.4	5.5
W	.1	.7	.2									1.0	5.9
WNW	.1	.2	.3									.7	5.8
NW	.2	.4	.1	.1								.9	5.8
NNW	.1	.6	.3	1.0								2.0	9.5
VARBL													
CALM												2.0	
	6.3	17.4	28.3	37.1	8.4	.3						100.0	10.0

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)

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS JUI 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	.9	1.7	.8	1.0	.3							4.7	7.5
NNE	.2	1.2	1.0	1.0	.1							4.1	8.2
NE	.7	1.0	1.8	.4								3.9	6.7
ENE	.3	3.1	1.8			.1						5.8	5.9
E	1.0	3.2	1.4	.1								5.8	5.2
ESE	1.0	2.4	3.8	1.1								8.3	7.2
SE	.6	4.0	6.4	3.1								14.1	8.3
SSE	.7	3.2	8.2	12.3	2.0	.4						26.9	11.3
S	.8	1.7	7.1	7.4	1.1							18.1	10.5
SSW		.3	.3	.1								.8	7.0
SW	.2	.1	.3	.1								.8	7.0
WSW	.2		.1									.3	4.7
W	.1	.2	.2	.1								.7	7.2
WNW	.1				.1							.2	10.0
NW	.3											.3	2.0
NNW	.1	.3	.8	.2	.1							1.6	8.5
VARBL													
CALM												3.7	
	7.7	22.6	34.7	27.1	3.8	.6						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION FT SILL AAF TX STATION NAME 67-70, 73-78 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	1.4	1.8	.9	.9	.2							5.2	6.9
NNE	.2	.9	1.2	.6	.2							3.1	8.3
NE	2.0	1.3	.6	.3								4.2	4.5
ENE	1.2	1.2	.2									2.7	4.0
E	1.2	2.3	.9									4.4	4.7
ESE	1.4	3.3	1.3	.3								6.4	5.4
SE	3.4	6.9	5.0	2.6								17.9	6.7
SSE	2.4	6.1	13.7	7.4	.3							30.0	8.6
S	1.6	3.1	5.2	2.2								12.1	7.7
SSW	.4	.2	.1									.8	3.6
SW	.4	.1	.1	.1								.8	5.4
WSW	.3	.1										.4	3.3
W	.1	.1	.2									.4	5.5
WNW				.1								.1	13.0
NW	.1		.1									.2	6.5
NNW	.1	.3	.8	.1								1.3	7.8
VARBL													
CALM												9.8	
	16.6	27.9	30.3	14.7	.8							100.0	6.4

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)

STATION 13945 FT SILL AAF OK STATION NAME FT SILL AAF OK YEARS 67-70, 73-78 MONTH JUN
 CLASS ALL WEATHER MONTH ALL
 HOURS (L & T.)
 CONDITION

SPEED (KNTS) D.R.	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	2.2	2.0	1.2	.2							7.0	7.2
NNE	.0	1.1	1.5	.9	.1							4.2	8.1
NE	.7	1.1	1.2	.5	.0	.0						3.5	6.7
ENE	.0	1.0	.8	.1	.0	.0						2.7	5.6
E	.9	1.7	1.0	.1	.0							3.7	5.5
ESE	1.1	1.7	1.4	.4	.1							4.6	6.2
SE	1.4	3.1	3.1	1.7	.1							9.3	7.4
SSE	1.9	3.9	7.1	6.1	1.2	.1						20.4	9.4
S	1.4	3.7	7.7	8.6	1.3	.1						22.8	10.1
SSW	.6	1.0	1.7	1.6	.3	.0	.0					5.2	9.2
SW	.5	.7	.7	.2	.0							2.1	6.5
WSW	.4	.3	.4	.1								1.2	6.5
W	.3	.4	.3	.1								1.1	5.5
WNW	.1	.2	.1	.1	.0							.5	6.5
NW	.1	.2	.2	.1	.0							.7	7.4
NNW	.2	.4	.0	.5	.0							1.7	8.3
VARBL													
CALM												9.3	
	12.5	22.5	29.6	22.4	3.5	.2	.0					100.0	7.6

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)

13945
STATION

ET SILL AAF DK
STATION NAME

67-70, 73-78
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	3.2	2.7	1.4	.4		.1						7.8	4.7
NNE	1.6	1.4	.5			.1						3.7	5.0
NE	.9	.9	.6	.2								2.6	5.3
ENE	.5	.2	.1	.2								1.1	5.2
E	1.2	.6	.1	.1								2.0	3.8
ESE	2.2	1.1	.3									3.5	3.7
SE	2.6	3.4	1.3	.2								10.0	5.0
SSE	5.2	12.2	6.9	.2								24.9	5.5
S	3.2	6.5	7.2	2.2								19.8	7.0
SSW	.2	1.3	.3	.2								2.7	5.2
SW	1.0	.2	.2									1.4	3.5
WSW	.5	.4	.1	.2								1.3	5.6
W	.4		.1									.5	3.0
WNW		.1										.1	4.0
NW	.1											.1	2.0
NNW	.2		.1	.1								.4	5.8
VARBL												18.0	
CALM													
	23.7	32.9	19.9	5.4		.2						100.0	4.5

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)

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
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	5.2	2.7	.9	.6	.1							9.5	4.1
NNE	.9	1.5	.6	.4	.1							3.5	5.3
NE	1.1	.6	.6	.6								2.7	5.5
ENE	.5	.6	.1									1.3	4.3
E	1.0	.5	.5									2.0	4.4
ESE	1.2	1.5	.3									3.0	4.0
SE	3.0	2.8	.4									6.2	3.9
SSE	7.0	6.8	2.9	.6								17.3	4.5
S	4.5	5.4	6.2	1.1								17.2	5.9
SSW	1.7	.8										2.5	2.9
SW	1.4		.2	.1								1.7	3.4
WSW	.3	.2										.5	2.8
W		.2	.2	.1								.5	8.8
WNW	.3											.3	1.3
NW	.1	.1	.1									.3	5.0
NNW	.3	.3										.6	3.3
VARBL													
CALM												30.6	
	28.5	24.1	13.2	3.3	.2							100.0	3.3

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)

1945 STATION ET SILL AAF OK STATION NAME 67-70, 73-78 YEARS JUL NORTH
 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	2.8	2.0	.0								7.8	5.5
NNE	1.4	1.5	1.1	.1								4.1	5.3
NE	.4	1.4	1.3	.5								3.7	6.8
ENE	1.1	.2	.6									1.9	4.3
E	1.1	.6	.5									2.3	4.3
ESE	1.3	.8	.9	.2	.1							3.2	5.5
SE	2.0	2.0	1.6	.2								5.9	5.2
SSE	3.9	5.2	2.2	1.2								12.4	5.3
S	4.2	8.0	6.8	1.9	.1							21.0	6.2
SSW	1.9	2.7	2.4	.8								7.7	6.1
SW	1.1	1.5	.9									3.4	4.8
WSW	.6	.6	.1									1.4	3.4
W	.3	.1										.4	2.5
WNW	.1											.1	3.0
NW			.1									.1	7.0
NNW	.1	.5	.1									.8	5.7
VARBL													
CALM												23.8	
	21.9	28.0	20.5	5.6	.2							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)

13945
STATION

FT SILL AAF TX
STATION NAME

67-70, 73-78
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	.8	.9	1.0	.6								3.2	6.9
NNE	.4	.6	2.2	.8								4.0	8.6
NE	.5	1.5	1.0	.3								3.3	6.3
ENE	1.1	1.2	1.0	.2								3.4	5.5
E	.9	1.4	.9	.2								3.3	5.5
ESE	.3	1.8	1.2	.3								3.7	6.6
SE	.8	1.4	1.4	.6								4.2	6.7
SSE	.6	2.2	4.3	1.4								8.5	7.8
S	1.5	5.1	7.3	4.6	.1							18.8	8.3
SSW	1.6	4.2	8.3	5.8	.3							20.2	8.7
SW	1.9	4.3	6.8	1.7								14.7	7.0
WSW	.5	2.4	1.5	.2								4.6	6.1
W	.4	.6	1.1	.1								2.3	6.6
WNW	.1											.1	2.4
NW	.4	.1										.5	2.6
NNW	.1	.3	.1									.5	5.2
VARBL													
CALM												4.5	
	12.0	28.0	37.8	17.2	.4							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 13945 FT SILL AAF OK STATION NAME 67-70,73-78 YEARS JUL MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.3	1.3	.3								3.7	6.3
NNE	.6	1.0	1.2	1.1								3.9	8.0
NE	.4	1.1	1.8	.6								4.0	7.8
ENE	.5	.6	.8	.2								2.2	5.4
E	.8	2.0	1.4	.1								4.3	5.9
ESE	1.0	1.7	1.7	.1								4.5	5.7
SE	1.0	2.4	3.0	1.4								7.7	7.7
SSE	1.5	2.7	5.7	3.4	.2							14.5	8.4
S	1.7	5.7	9.7	6.3	1.2	.1						24.7	9.1
SSW	1.4	2.7	4.8	2.7	.2							11.8	8.2
SW	1.5	2.7	2.6	.4								7.4	6.4
WSW	.8	1.0	1.6									3.3	5.9
W	.4	.4	.4	.3								1.6	6.6
WNW	.2	.3										.5	4.2
NW	.5	.2										.8	2.6
NNW	.2	.4										.6	4.0
VARBL													
CALM												4.4	
	13.3	26.2	37.0	17.3	1.6	.1						100.0	7.4

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)

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
NOVBS (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	.3	.1							2.7	7.9
NNE	.3	.6	2.0	.9		.1						4.0	8.9
NE	.5	1.6	2.0	.6	.1							5.1	7.5
ENE	.8	1.4	1.4	.4	.1							4.1	6.8
E	.8	2.0	3.2	.1								6.2	6.8
ESE	.6	1.2	3.1	1.1								6.1	8.0
SE	.4	2.8	5.2	3.5	.2							11.9	8.8
SSE	.9	3.3	7.4	8.1	.4							20.1	9.8
S	1.4	5.5	7.7	7.2	1.8							23.7	9.7
SSW	.4	2.2	3.0	.6	.4							6.7	8.2
SW	.5	1.4	.6		.1							2.7	6.0
WSW	.1	.6	.2	.1								1.1	5.9
W	.3	.6	.1	.1								1.2	5.5
WNW	.1	.3		.1								.5	6.4
NW	.2		.1									.3	3.7
NNW			.1		.1							.2	13.5
VARBL													
CALM												3.4	
	7.7	24.5	37.6	23.1	3.4	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 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	.3	.8	.5	.3								1.9	6.9
NNE	.6	1.2	1.7	.3								4.3	7.6
NE	.5	1.4	.9	.5								3.3	6.3
ENE	.9	2.5	1.4	.3								5.1	6.0
E	1.1	4.6	3.0	.5	.1							9.4	6.4
ESE	1.0	2.6	3.6	.4	.1							7.8	7.0
SE	.8	4.6	8.0	2.9								16.2	7.9
SSE	1.4	4.9	10.5	8.6	.6							26.1	7.2
S	.9	3.7	7.6	5.3	.5							18.0	9.3
SSW	.2	1.4	1.0	.2								2.8	6.6
SW	.4	.6	.4									1.5	5.4
WSW	.4											.4	1.5
W	.2	.1	.3			.1						.8	9.0
WNW	.1	.1										.2	2.5
NW			.1									.1	9.0
NNW	.1	.1										.2	3.0
VARBL													
CALM												1.8	
	8.9	28.6	39.2	19.9	1.4	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

8703

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFR WEATHER SERVICE/MAC

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

SURFACE WINDS

13945
STATION

FI SILL AAF OK
STATION NAME

67-70, 73-78
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	.8	1.7	.9	.3								3.7	5.6
NNE	1.0	.5	.9	.3								2.7	5.6
NE	1.5	1.7	.4	.3								4.0	4.9
ENE	1.0	1.2	.4	.1								2.7	4.7
E	1.4	3.2	.8	.1								5.5	4.7
ESE	1.8	3.2	.6									5.7	4.5
SE	4.0	10.8	5.8	.5								21.1	5.6
SSE	4.5	9.9	12.0	2.4	.1							28.9	6.6
S	1.2	4.2	4.6	2.5	.1							12.6	7.8
SSW	.1	1.0	.4	.1								1.6	6.4
SW	.4											.4	1.8
WSW	.2	.2										.4	3.5
W	.2	.1	.1									.4	4.5
WNW		.1										.1	4.0
NW	.1											.1	3.0
NNW	.1			.1								.2	8.5
VARBL													
CALM												9.9	
	18.3	37.8	27.0	6.8	.2							100.0	5.4

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)

STATION 1394 ET SILL AAF CK STATION NAME 17-70, 73-78 YEARS JUL MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	1.1	.5	.0	.3						5.0	5.4
NNE	.9	1.0	1.3	.5	.0	.0						3.8	7.0
NE	.7	1.3	1.1	.5	.0							3.6	6.5
ENE	.8	1.0	.7	.2	.0							2.7	5.7
E	1.0	1.9	1.3	.1	.0							4.4	5.6
ESE	1.2	1.7	1.5	.3	.0							4.7	5.9
SE	1.8	4.0	3.4	1.2	.0							10.4	6.5
SSE	3.1	5.9	6.6	3.3	.2							19.1	7.2
S	2.3	5.5	7.2	4.0	.5	.0						19.5	8.0
SSW	1.0	2.0	2.5	1.3	.1							7.0	7.6
SW	1.0	1.3	1.5	.2	.0							4.2	6.1
WSW	.4	.7	.4	.1								1.6	5.3
W	.3	.3	.3	.1		.0						1.0	6.2
WNW	.1	.1		.0								.3	3.9
NW	.2	.1	.1									.3	3.5
NNW	.1	.2	.1	.0	.0							.5	5.4
VARBL													
CALM												12.1	
	16.8	28.8	29.0	12.3	.9	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

13945 STATION FT SILL AAF CK STATION NAME 67-70,73-78 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	3.2	3.1	1.4	.5								8.3	5.1
NNE	1.4	1.6	1.2	.8								4.9	6.3
NE	1.1	.6	.2	.6	.1							2.7	6.2
ENE	1.1	.4	.1									1.6	3.1
E	2.0	1.1	.9									4.0	4.4
ESE	1.7	2.2	.8									4.6	4.5
SE	4.0	6.1	2.4	.2								12.7	4.8
SSE	5.8	8.0	7.0	1.1								21.8	5.6
S	2.9	4.2	6.6	1.5								15.2	6.6
SSW	.5	.8	.4									1.7	4.8
SW	.3	.1	.3									.8	5.0
WSW	.2	.1										.3	2.3
W	.1		.2									.3	6.7
WNW			.1	.2								.3	11.0
NW	.3	.1	.1									.5	4.0
NNW	.5	.2	.2	.1								1.1	5.4
VARBL													
CALM												19.1	
	25.3	28.6	21.8	5.1	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

13945 STATION FT SILL AAF PK STATION NAME 67-70, 73-78 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	3.7	4.6	2.2	.0								11.1	5.1
NNE	1.2	1.3	1.3	.5								4.3	6.1
NE	.8	.6	.5									1.9	5.2
ENE	.5	.4	.4									1.4	4.5
E	1.9	1.0	.4	.1								3.4	3.9
ESE	2.3	.9	.4									3.5	3.4
SE	3.1	2.8	.6									6.6	3.7
SSE	5.8	7.8	2.0	.3								16.0	4.4
S	3.1	4.7	5.2	1.1								14.1	6.2
SSW	1.8	.3	.6									2.9	3.6
SW	1.0	.2	.1									1.3	3.3
WSW	.1	.1										.2	3.0
W			.1									.1	10.0
WNW	.1	.2	.1									.4	5.8
NW	.1	.2										.3	3.3
NNW	.2	.2	.3	.1								.9	6.9
VARBL													
CALM												31.6	
	25.7	25.5	14.4	2.5								100.0	3.3

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)

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
NOVUS (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	4.0	2.7	1.2	.1							11.4	5.8
NNE	1.4	.8	.8	.9								3.8	6.3
NE	1.2	.5	.4	.1								2.5	4.4
ENE	1.2	.4	.1	.2								1.9	4.2
E	.8	1.1	.5	.1								2.5	4.5
ESE	1.6	1.4	1.2	.1								4.3	4.9
SE	1.7	2.5	1.4	.2								5.8	5.2
SSE	4.1	5.5	2.7	.4								12.7	4.8
S	3.5	5.8	8.1	2.2								19.6	6.7
SSW	1.0	1.2	1.7	.2								4.1	6.2
SW	.4	.6	.2									1.2	4.1
WSW	.4	.3	.1									.9	3.8
W		.1										.1	4.0
WNW													
NW	.3		.1									.4	3.0
NNW	.2	.8	.2	.5								1.7	7.6
VARBL													
CALM												27.1	
	21.3	25.2	20.2	6.1	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

13945
STATION

FT SILL AFB OK
STATION NAME

57-70, 73-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOWR (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	1.1	2.3	.4								4.5	7.2
NNE	.8	1.0	1.5	.4	.1							3.8	7.1
NE	.8	1.6	1.5	.4	.2							4.9	7.5
ENE	1.0	1.1	.5	.3								2.9	5.6
E	1.6	.4	.8									2.8	4.3
ESE	1.0	1.5	1.2									3.7	5.4
SE	.5	1.7	1.5	1.0								4.7	7.4
SSE	1.5	2.0	2.8	1.4	.1							8.8	6.9
S	2.4	6.5	8.5	5.8	.5							23.7	8.2
SSW	1.9	4.3	6.7	4.3	.3							17.5	8.1
SW	1.6	3.4	4.0	1.6								10.6	7.2
WSW	.5	1.2	1.0	.1								3.4	6.5
W	.4	.1	.5	.3								1.4	6.8
WNW		.1										.1	4.0
NW		.1										.1	6.0
NNW	.3	.3	.1									.8	3.4
VARBL													
CALM												6.2	
	14.8	27.4	33.4	16.8	1.3							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 030

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945

FT SILL AAF OK

47-70.73-78

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.3	2.4	.4	.1							5.5	7.1
NNE	.8	1.4	2.0	.6	.1							4.9	7.3
NE	.3	.6	1.1	.3	.1							2.5	7.7
ENE	.2	.6	.8	.1								1.8	6.8
E	.8	1.4	1.2	.1								3.9	6.0
ESE	1.4	1.3	1.3									4.1	5.2
SE	1.0	2.3	2.5	.6	.3							7.0	7.2
SSE	1.3	2.8	4.6	2.4	.4							11.5	8.1
S	2.8	5.4	8.7	7.8	.8							25.5	9.0
SSW	1.3	4.1	5.5	4.0								14.8	8.3
SW	.9	3.2	2.9	.6								7.8	7.0
WSW	.4	1.4	.4	.2								2.5	5.4
W	.4	.4	.4	.1								1.4	5.7
WNW	.4	.3										.8	3.4
NW	.4											.4	2.0
NNW	.4	.1	.2									.8	4.3
VARBL													
CALM												5.1	
	13.7	27.4	34.2	18.0	1.7							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 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	.8	1.7	1.7	1.0	.1							5.3	7.6
NNE	.8	.9	2.4	.2								4.2	6.9
NE	1.0	1.4	1.8	.2	.1							4.5	6.3
ENE	1.1	.8	.5									2.4	4.6
E	1.6	1.1	1.6	.9	.2							5.4	6.7
ESE	.9	2.2	2.4	1.2								6.6	7.0
SE	1.0	2.8	3.0	2.7	.1							9.6	8.4
SSE	1.9	3.8	4.9	4.7	.6							16.0	8.8
S	1.9	4.9	7.4	10.6	1.5							26.5	9.9
SSW	.6	2.7	2.3	2.4	.1							8.1	8.3
SW	.9	.9	1.3	.5	.1							3.7	7.4
WSW	.3	.5	.4	.1								1.4	6.2
W	.9	.1	.4									1.4	4.5
WNW	.1	.1	.1									.3	4.0
NW	.1	.1	.1		.1							.4	8.3
NNW	.3	.5	.4	.2								1.5	6.6
VARBL													
CALM												2.9	
	14.1	24.4	30.9	24.7	3.0							100.0	8.0

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)

13945 STATION FT SILL AAF PK STATION NAME 67-70, 73-78 YEARS AUG MONTH
 1800-2000 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	1.0	.8	.2							4.5	6.8
NNE	1.1	1.8	.8	.6	.3							4.6	7.0
NE	.5	1.3	.8	.2	.1							2.9	6.3
ENE	1.7	1.5	.3	.1								3.7	4.3
E	3.0	2.8	2.0	.2								8.1	4.9
ESE	1.6	3.0	3.0	.1								7.7	6.0
SE	1.7	6.1	6.1	3.0								17.0	7.4
SSE	2.0	4.5	9.9	5.2	.2							21.8	8.4
S	1.5	4.0	5.7	7.1	.3							18.6	9.1
SSW	.4	1.3	1.4	.4								3.5	7.0
SW	.5	.3	.1									1.0	3.8
WSW	.1		.1									.2	5.0
W	.1	.1	.3									.5	6.4
WNW			.1									.1	8.0
NW													
NNW			.2	.2								.4	10.5
VARBL													
CALM												5.3	
	15.7	28.1	31.8	14.0	1.2							100.0	7.0

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)

13945 STATION ET SILL AAF OK STATION NAME 67-70, 73-78 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	2.2	1.9	.6	.4	.3							5.5	5.7
NNE	1.1	1.4	.6	1.0								4.1	6.8
NE	1.7	.5	.3	.3	.2							3.1	5.5
ENE	.9	.4	.5	.1								1.9	5.2
E	1.3	2.5	.3	.2								4.3	4.7
ESE	2.0	2.2	.6	.4								5.3	4.8
SE	5.6	7.2	5.5	1.0								19.2	5.5
SSE	4.3	7.7	8.8	3.5	.2							24.6	6.9
S	2.6	3.5	5.9	2.2	.1							14.3	7.3
SSW	.4	.3	.4									1.2	4.5
SW	.3	.1										.4	2.5
WSW	.5	.1										.6	2.7
W	.1	.1	.1	.1	.1							.5	9.4
WNW													
NW	.2			.1								.3	5.7
NNW	.2											.2	2.0
VARBL													
CALM												14.3	
	23.4	28.1	23.9	9.4	1.0							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

3883

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945
STATION

FT SILL AAF OK
STATION NAME

57-70, 73-78
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	2.0	2.4	1.8	.7	.1							7.0	6.0
NNE	1.0	1.3	1.3	.6	.1							4.3	6.7
NE	.9	.9	.8	.3	.1							3.1	6.3
ENE	1.0	.7	.4	.1								2.2	4.8
E	1.6	1.4	1.0	.2	.0							4.3	5.1
ESE	1.6	1.8	1.4	.2								5.0	5.3
SE	2.3	4.0	2.9	1.1	.1							10.3	6.2
SSE	3.3	5.4	5.3	2.4	.2							16.7	6.3
S	2.6	4.9	7.0	4.8	.4							19.7	8.1
SSW	1.0	1.9	2.4	1.4	.1							6.7	7.6
SW	.7	1.1	1.1	.4	.0							3.4	6.6
WSW	.3	.5	.3	.1								1.2	5.4
W	.3	.1	.3	.1	.0							.7	6.2
WNW	.1	.1	.1	.0	.0							.3	5.5
NW	.2	.1	.0	.0	.0							.3	4.4
NNW	.3	.3	.2	.1								.9	6.2
VARBL													
CALM												14.0	
	19.2	26.8	26.2	12.6	1.0							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1294^R STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS SEP MONTH
 ALL WEATHER CLASS 0000-0200 HOURS (L & 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	4.8	6.4	2.0	2.2	.6	.2						16.8	6.6
NNE	1.1	1.7	1.1	.9	.4							5.2	7.7
NE	.8	.7	.9									2.3	5.2
ENE	.9	.4	.1	.1								1.6	4.2
E	1.4	.4	.3	.1								2.3	3.8
ESE	.8	.7	.3									1.8	4.3
SE	2.7	1.6	1.7	.1								6.0	4.7
SSE	4.1	5.3	5.2	1.8	.2							16.7	6.4
S	1.4	4.7	5.3	2.1								13.6	7.4
SSW	.3	.4	.1									.9	4.6
SW	.4											.4	1.8
WSW	.6	.1	.1									.8	3.1
W	.7	.6	.3									1.6	4.6
WNW	.2											.2	1.5
NW	.2	.1		.2								.6	6.8
NNW	.8	1.0	.3	.4								2.6	5.9
VARBL													
CALM												26.8	
	21.2	24.1	18.4	8.0	1.2	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
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	5.9	5.8	4.9	1.9	1.2	.1	.1					19.9	6.8
NNE	1.2	1.9	1.7	1.1	.3							6.2	7.7
NE	1.2	.6		.1								1.9	3.5
ENE	.6	.3										.9	2.9
E	.6	.8		.1								1.4	4.5
ESE	.9	.4	.3	.1								1.8	4.9
SE	2.7	2.0	.6									5.2	3.7
SSE	3.4	5.6	2.2	.9	.1							12.2	5.5
S	1.1	4.2	6.8	1.7								13.8	7.5
SSW	.4	.6	.6									1.6	4.9
SW	.6	.1										.7	3.3
WSW	.8	.3		.1								1.2	3.5
W	.3	.1										.4	2.3
WNW	.2	.1										.3	2.3
NW	.6	.1	.1	.2								1.0	5.7
NNW	1.1	.6	.1	.1								1.9	3.6
VARBL													
CALM												29.6	
	21.6	23.4	17.2	6.3	1.7	.1	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 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	3.4	6.6	6.7	3.3	.2							20.2	7.1
NNE	1.3	1.8	2.1	1.1	.3							6.7	7.8
NE	.8	1.6	.6	.1								3.0	4.9
ENE	.7	.3	.3									1.3	4.4
E	.7	.3	.1									1.1	3.6
ESE	1.2	.6	.1									1.9	3.1
SE	1.8	1.6	.8									4.1	4.3
SSE	3.1	4.0	3.7	1.2	.1							12.1	6.3
S	1.7	4.9	6.7	3.2								16.4	7.5
SSW	.6	.9	.8	.4								2.7	6.5
SW	.8	.4	.1									1.3	3.3
WSW	.2	.1	.1									.4	4.3
W	.2		.1									.3	4.3
WNW	.1	.2	.1									.4	5.3
NW	.3	.1	.1									.6	4.4
NNW	.6	.2	.7	.2	.1	.1						1.9	8.3
VARBL													
CALM												25.4	
	17.4	23.6	23.0	9.7	.8	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 600

3585

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
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	2.6	1.7	4.4	5.2	.7	.1						14.7	9.4
NNE	.9	2.0	2.9	2.1								7.9	8.2
NE	.7	1.8	2.2	.3	.2							5.2	6.9
ENE	.1	1.2	.3	.2								1.9	6.1
E	.7	1.1	.6	.1								2.4	5.1
ESE	.3	.2	.7									1.2	6.3
SE	1.2	.9	1.3	.1								3.6	5.7
SSE	1.4	2.6	3.8	1.1	.4							9.3	7.5
S	1.6	5.4	8.7	7.7	.4							23.8	9.0
SSW	1.2	2.2	4.1	4.0	.1							11.7	8.8
SW	.6	1.9	1.6	.7								4.3	7.4
WSW	.7	1.2	.3	.1								2.3	4.7
W	.1	.1	.4									.7	6.8
WNW		.1	.1	.1								.3	8.3
NW	.6	.2										.8	2.9
NNW	.1	.3	.2	.4	.1							1.2	9.5
VARBL													
CALM												8.7	
	12.7	22.7	31.7	22.2	2.0	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS SEP MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 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	3.7	3.7	1.0	.3						11.3	10.3
NNE	1.2	1.8	3.6	2.4	.3							9.3	8.6
NE	.1	1.8	2.0	.4	.2							4.4	7.5
ENE		.9	.6									1.4	6.2
E	1.1	1.2	.1									2.4	3.7
ESE	.6	.8	.2	.2								1.8	5.6
SE	.3	2.1	1.1	1.3								4.9	7.5
SSE	1.2	2.0	3.7	2.2	.2	.1						9.4	8.3
S	1.7	4.8	7.4	9.8	1.2							24.9	9.8
SSW	.8	2.0	3.6	3.0	.1							9.4	9.0
SW	1.0	1.3	1.9	.6	.1							4.9	7.1
WSW	1.4	1.3	.6	.1								3.4	4.5
W	.4	.8	.9	.2								2.3	6.5
WNW	.3		.2									.6	5.4
NW	.3			.1								.4	4.5
NNW	1.1	.6	1.1	.4		.1						2.3	7.2
VARBL													
CALM												8.6	
	13.2	22.4	30.6	24.4	3.2	.6						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

3886

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
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	.7	2.4	3.9	3.4	1.4	.2						12.1	10.5
NNE	.9	2.1	4.0	1.7	.1	.1						8.9	8.4
NE	1.2	1.8	1.3	.6								4.9	6.2
ENE	.9	1.3	.7	.2								3.1	5.5
E	.3	1.3	.8	.1								2.6	5.9
ESE	.9	1.1	.4	1.0								3.4	7.3
SE	1.3	1.6	2.2	1.0	.1							6.2	7.3
SSE	.6	3.4	5.1	4.4	.8							14.3	9.6
S	1.6	3.6	7.0	8.4	1.4	.2						22.2	10.1
SSW	.7	1.7	1.8	2.3								6.4	8.7
SW	.4	.9	.6	.2	.1							2.2	6.9
WSW	.6	1.0	.3	.1								2.0	5.2
W	.8	1.0	.7	.2								2.7	5.4
WNW	.2	.2	.4	.1								1.0	6.6
NW	.1	.3	.1	.2								.8	7.7
NNW	.6	.6	.2	.4	.1							1.9	7.3
VARBL													
CALM												5.2	
	11.7	24.3	29.6	24.6	4.1	.6						100.0	8.2

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)

STATION: 13945 STATION NAME: FT SILL AAF OK YEARS: 67-70, 73-78 MONTH: SEP
 CLASS: ALL WEATHER HOUR (L.S.T.): 1800-2000
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.4	2.6	3.6	.8	.2						11.2	9.3
NNE	2.1	2.1	2.1	.7	.1							7.1	5.9
NE	1.2	1.8	1.1	.4								4.6	5.6
ENE	1.1	1.3	.4	.2								3.1	5.0
E	2.0	2.8	.6									5.3	4.2
ESE	1.3	2.2	1.0	.7								5.2	5.6
SE	1.2	4.2	4.3	.9								10.7	6.8
SSE	3.2	5.6	6.1	3.7	.6							19.1	7.5
S	1.2	3.1	5.3	3.6	.2							13.4	8.4
SSW	.8	.4	.3	.1								1.7	4.9
SW	.8	.7										1.4	3.0
WSW	.2	.3										.6	3.4
W	.7	.3	.2	.1								1.3	4.8
WNW	.1		.1									.2	4.0
NW			.3									.3	8.3
NNW	.6	.1	.3									1.0	4.6
VARBL													
CALM												13.7	
	18.2	27.4	24.9	13.9	1.7	.2						100.0	6.0

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)

13945 STATION FT SILL AAF PK STATION NAME 67-70, 73-78 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	3.1	4.9	2.1	1.6	1.3							13.0	7.4
NNE	.8	1.4	1.1	1.0	.6							4.9	8.6
NE	1.3	1.7	.9	.2								4.1	5.1
ENE	.8	.6	.6	.1								2.0	5.2
E	1.3	1.0	.4	.4								3.2	5.2
ESE	1.6	1.6	1.0		.1							4.2	5.1
SE	3.4	4.8	2.9	1.4								12.6	5.8
SSE	3.8	5.6	6.7	3.1								19.1	6.8
S	1.2	2.4	3.9	2.1	.3							10.0	8.1
SSW	.2	.2	.1									.6	5.2
SW	.1	.1										.2	3.0
WSW	1.3											1.3	1.9
W	.4	.2	.1									.8	3.4
WNW													
NW	.2											.2	2.0
NNW	.0	.4	.4	.2								1.7	5.7
VARBL													
CALM												22.1	
	20.2	24.9	20.2	10.2	2.3							100.0	5.1

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)

STATION 13945 FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS SEP MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.0	3.9	3.8	3.1	.9	.2	.0					14.9	8.2
NNE	1.2	1.8	2.3	1.4	.3	.0						7.0	7.9
NE	.9	1.4	1.1	.3	.1							3.8	5.9
ENE	.6	.8	.4	.1								1.9	5.1
E	1.0	1.1	.4	.1								2.6	4.6
ESE	.9	.9	.5	.2	.0							2.7	5.4
SE	1.4	2.3	1.9	.6	.0							6.7	5.9
SSE	2.6	4.2	4.6	2.3	.3	.0						14.0	7.2
S	1.4	4.1	6.4	4.2	.5	.0						17.3	8.7
SSW	.6	1.1	1.4	1.2	.0							4.4	8.1
SW	.6	.6	.5	.2	.0							1.9	6.1
WSW	.7	.6	.2	.1								1.5	4.1
W	.5	.4	.3	.1								1.3	5.2
WNW	.2	.1	.1	.0								.4	5.4
NW	.3	.1	.1	.1								.6	5.4
NNW	.7	.5	.4	.3	.0	.0						1.9	6.5
VAKBL													
CALM												17.1	
	17.0	24.1	24.4	14.9	2.1	.2	.0					100.0	6.0

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)

19945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS JCT NORTH 0000-0200 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.8	7.2	4.8	3.3	1.2	.2						21.6	7.5
E	.8	1.2	.9	1.7	.5							5.1	9.4
ENE	.1	.6	.1									.9	5.5
E	.1	.2	.1									.4	4.5
ESE	.3	.2										.5	3.2
SE	.2	.5										.8	3.9
SE	1.4	1.0	1.9	.8								5.1	6.6
SSE	2.9	4.1	4.9	3.0								14.9	7.2
S	1.3	2.3	8.0	3.3	.1							14.9	8.5
SSW	.2	1.1	.4	.4								2.2	6.6
SW	.8	.2	.2									1.2	3.8
WSW	.2	.1										.4	2.5
W	.2	.1	.2	.1								.6	6.0
WNW		.2	.1	.1								.4	8.0
NW	.1	.2	.4	.1								.9	7.0
NNW	1.0	.5	.2	.5								2.3	5.9
VARBL													
CALM												27.8	
	14.5	19.8	22.4	13.4	1.8	.2						100.0	5.3

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)

13945 STATION FT SILL AAF BK STATION NAME 67-70, 73-78 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	4.5	7.0	5.5	3.8	1.8	.2						23.5	7.8
NNE	.8	2.0	1.6	1.6	.4							6.5	8.6
NE	.4	.1	.1	.1								.8	4.6
ENE	.2	.1	.1									.4	4.0
E	.2	.1	.2									.5	4.6
ESE	.4	.1	.1									.6	3.7
SE	1.4	1.1	1.3	.6								4.4	6.3
SSE	2.2	3.6	2.5	1.4								9.6	6.5
S	.6	3.2	6.6	3.6								14.0	8.5
SSW	.6	.8	1.4	.1								2.9	6.3
SW	.6	.2		.2								1.1	5.1
WSW	.1	.4	.1									.6	4.7
W	.3	.4	.2									1.0	4.4
WNW			.3	.1								.4	9.8
NW	.3		.4	.2	.2							1.2	10.0
NNW	.6	.5	.4	.9								2.5	7.6
VARBL													
CALM												30.0	
	13.5	20.3	20.9	12.6	2.5	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13945 FT SILL AAF 7K STATION NAME 67-70,73-78 YEARS UCT MONTH 0600-0600
 CLASS ALL WEATHER 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	≥36	%	MEAN WIND SPEED
N	3.9	5.1	6.0	4.6	1.7	.2						21.5	8.7
NNE	1.1	1.9	2.2	1.3	.2	.1						6.8	5.0
NE	.8	.6	.1	.4								1.8	5.1
ENE	.3	.1	.1									.5	3.6
E	.3	.5	.1									1.0	4.2
ESE	.4	.2	.1									.8	3.4
SE	1.6	.9	1.7	.9	.1							5.2	6.8
SSE	3.2	3.4	2.5	1.7	.2							12.2	6.4
S	1.7	2.7	5.8	4.2	.4							14.8	8.8
SSW	.8	1.1	1.2									3.0	5.8
SW	.4	.3	.3	.2								1.3	6.2
WSW	.3	.1										.4	3.0
W	.3	.5	.2									1.1	4.5
WNW		.1										.1	4.0
NW	.1		.3	.4								.9	5.5
NNW	.6	.5	1.6	.9	.1							3.8	8.5
VARBL													
CALM												24.9	
	15.9	18.2	22.3	14.3	2.8	.3						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)

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS UCT MONTH

ALL WEATHER
 CLASS

0900-1100
 HOUR (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	1.9	4.2	5.3	1.8	.6						14.6	11.5
NNE	1.3	1.9	1.7	3.2	.9	.1	.1					9.2	9.8
NE	.4	1.0	1.2	.9	.2							3.7	8.2
ENE	.3	.9	.4	.1								1.7	5.9
E	.3	.5	.8	.3								1.9	6.9
ESE	.1	.4	.2	.2								1.0	6.8
SE	.1	.4	1.2	.9								2.6	9.0
SSE	1.2	1.6	3.8	3.0	.2							9.8	8.8
S	1.3	3.9	6.5	9.9	1.9	.3						23.8	10.7
SSW	1.2	2.8	3.5	4.8	.5							12.9	9.3
SW	.4	1.9	2.9	1.1								6.3	7.9
WSW	.2	.6	.9	.2								1.9	6.8
W	.1	.4	.3	.2								1.1	6.9
WNW	.1	.4	.1	.2								.4	5.3
NW	.2	.4	.2	.5								1.4	8.4
NNW	.2	.4	.6	1.0	.4							2.7	10.8
VARBL													
CALM												4.9	
	8.3	19.2	28.5	31.8	6.0	1.1	.1					100.0	9.2

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)

13945
STATION

FT SILL AAF DK
STATION NAME

67-70, 73-78
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	.3	2.2	3.0	4.8	2.8	.8						13.7	12.4
NNE	.4	.8	2.3	2.8	.5	.3						7.1	11.1
NE	.5	1.0	1.7	.5	.2							4.0	7.7
ENE	.9	1.3	.4									2.6	4.6
E	.5	.2	.3									1.1	4.6
ESE	.5	.5	.8	.1								1.9	5.9
SE	.4	.6	.9	.6								2.6	8.0
SSE	.2	1.2	3.3	2.6	1.0							8.3	10.6
S	.0	2.3	6.1	11.7	3.5	.3						24.6	12.3
SSW	.3	2.5	4.6	6.0	.8							14.7	10.5
SW	.5	1.2	2.6	1.9	.2							6.5	9.0
WSW	.6	.9	1.1	.2								2.8	6.5
W	.4	.1	.6	.4								1.6	7.5
WNW	.3	.1	.4	.1								1.0	6.7
NW	.3	.4	.5	.3	.2							1.9	8.2
NNW	.2	.2	1.1	.9	.1							2.6	9.4
VARBL													
CALM												3.0	
	7.4	15.4	29.8	33.7	9.4	1.4						100.0	10.1

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)

13945 STATION FT SILL AAF TX STATION NAME 67-70, 73-78 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	.5	3.0	3.0	4.6	1.4	.5	.1					13.3	11.2
NNE	.4	1.2	3.1	2.6	.8							8.3	10.4
NE	.2	1.1	.6	.9								2.8	7.8
ENE	.4	1.0	.3									1.7	4.8
E	1.3	1.7	.4									3.4	4.3
ESE	.3	.9	.9	.3								2.4	7.0
SE	1.1	.9	1.5	.6								4.1	6.6
SSE	.6	1.6	3.5	3.7	.5	.1						10.1	10.1
S	1.0	2.3	7.2	13.6	3.5	.1						27.8	11.9
SSW	1.0	1.7	3.9	2.5	.3							9.4	8.9
SW	.9	1.5	1.3	.5								4.2	6.5
WSW	.4	.8	.9	.2								2.3	6.6
W	.3	.1	.3	.5	.1							1.4	9.7
WNW		.2	.8	.2								1.2	8.6
NW	.3	.4	.4	.5	.1							1.8	8.6
NNW	.2	.8	1.2	.9								3.0	8.4
VARBL													
CALM												2.8	
	9.0	19.0	29.4	32.0	6.8	.9	.1					100.0	9.5

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)

13945 FT SILL AAF OK 67-70, 73-78 UCT
STATION STATION NAME YEARS 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	≥55	%	MEAN WIND SPEED
N	3.3	5.1	4.0	1.7	.6	1.3						16.0	8.2
NNE	.8	1.2	1.5	.8	.1							4.3	7.3
NE	.6	1.4	.6									2.7	4.8
ENE	.9	.3										1.2	2.6
E	1.3	1.0	.3									2.6	4.0
ESE	1.9	.8	.4	.1								3.2	4.0
SE	2.2	4.7	2.6	.8								10.2	5.9
SSE	1.9	4.4	3.3	3.5	.3							15.5	8.1
S	1.1	4.2	6.8	3.0	.1							16.0	8.3
SSW	.5	1.6	1.2	.1								3.4	6.2
SW	.4	.3	.4									1.2	5.1
WSW	.5		.1									.6	3.0
W	.5			.2								.8	5.3
WNW	.1	.2		.4								.8	9.0
NW	.3	.2	.2	.1	.1	.1						1.1	8.5
NNW	.6	.4	.2	1.0								2.3	8.1
VARBL													
CALM												19.2	
	17.1	25.8	23.7	12.6	1.3	1.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

13945 STATION FT SILL AAF OK STATION NAME 67-70,73-78 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	4.4	7.2	4.3	2.6	.9	.5	.1					20.2	7.4
NNE	.4	.9	.5	.9	.4							3.1	9.4
NE	.8	1.2	.1	.1								2.2	4.7
ENE	.3	.1										.4	2.5
E	.5	.3	.5	.1								1.5	5.5
ESE	1.3	.4	.1									1.8	3.1
SE	1.7	3.3	2.9	.5								8.5	6.1
SSE	2.0	6.2	7.1	5.6	.4							21.4	8.2
S	.5	1.9	5.3	3.4	.1							11.3	9.1
SSW	.3	.9	.1									1.3	4.6
SW	.4	.3	.3									1.1	4.7
WSW	.1											.1	1.0
W	.3		.1									.4	3.8
WNW	.1	.4	.2									.8	5.3
NW	.3	.3	.3	.8								1.4	9.8
NNW	1.2	.3	.4	.3								2.3	5.2
VARBL													
CALM												22.3	
	15.1	23.5	22.4	14.3	1.8	.5	.1					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)

13945 FT SILL AAF OK 67-70, 73-78 UCT
STATION STATION NAME YEARS 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 - 53	≥ 56	%	MEAN WIND SPEED
N	2.8	4.9	4.4	3.8	1.5	.6	.0					18.1	9.0
NNE	.7	1.4	1.7	1.9	.5	.1	.0					6.3	9.4
NE	.5	.9	.6	.3	.1							2.3	6.6
ENE	.4	.5	.2	.0								1.1	4.4
E	.6	.6	.3	.1								1.6	4.8
ESE	.7	.5	.3	.1								1.6	4.9
SE	1.2	1.6	1.7	.7	.0							5.3	6.5
SSE	1.8	3.3	4.2	3.1	.3	.0						12.7	8.1
S	1.0	2.8	6.5	6.7	1.2	.1						18.4	10.2
SSW	.6	1.5	2.0	1.8	.2							6.2	8.7
SW	.6	.8	1.0	.5	.0							2.8	7.2
WSW	.3	.4	.4	.1								1.2	5.8
W	.3	.2	.3	.2	.0							1.0	6.5
WNW	.1	.2	.2	.1								.6	7.8
NW	.3	.2	.4	.4	.1	.0						1.3	8.8
NNW	.6	.5	.7	.8	.1							2.7	8.1
VARBL													
CALM												16.7	
	12.6	20.2	25.0	20.6	4.0	.8	.0					100.0	7.1

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)

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 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	2.8	5.3	6.3	7.1	1.8	.9	.1					24.3	9.7
NNE	1.0	.9	1.7	1.1	.1	.1						4.9	8.0
NE	.6	.6	.1									1.2	3.6
ENE		.4	.1									.6	6.4
E	.3	.4										.8	3.7
ESE	.6	.2										.8	2.6
SE	.6	1.7	.3	.1								2.7	4.9
SSE	1.4	2.2	3.8	1.7								9.1	7.5
S	2.0	2.6	6.0	3.7	.2							14.4	8.2
SSW	1.0	.6	.4	.2								2.2	5.1
SW	1.4	.6		.1								2.1	3.6
WSW	.9	1.1	.1	.1								2.2	4.4
W	.9	.7	.2									1.8	3.9
WNW	.2	.2	.1	.2	.1	.2						1.1	11.3
NW	.6	.7	1.0	.8		.1						3.1	8.3
NNW	1.2	1.3	1.3	.7	.4	.1						5.1	8.0
VARBL													
CALM												23.6	
	15.4	19.4	21.6	15.8	2.7	1.4	.1					100.0	6.0

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)

13945
STATION

FT SILL AAF DK
STATION NAME

57-70, 73-78
YEARS

NDV
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	3.2	5.1	4.6	8.9	2.2	.4						24.4	9.9
NNE	1.4	.9	1.4	2.1	.2							6.1	8.6
NE	.7	.4	.2	.1								1.4	4.7
ENE	.1	.7	.3									1.1	5.0
E	.7	.1										.8	2.6
ESE	.3	.3	.1									.8	4.0
SE	.8	1.4	.9									3.1	5.5
SSE	1.6	3.1	3.0	1.2								8.9	6.7
S	2.2	2.6	4.7	2.0								11.4	7.1
SSW	1.1	.4	1.1	.2								2.9	5.9
SW	1.1	.9	.6									2.6	4.2
WSW	.8	.7										1.4	3.7
W	.6	.4	.1	.2								1.3	5.6
WNW	.7	.6	.4	.2	.1							2.0	6.4
NW	.7	.7	1.1	.8	.1							3.3	8.0
NNW	1.3	1.6	1.6	1.4								5.9	7.3
VARBL													
CALM												22.4	
	17.2	19.9	20.1	17.2	2.7	.4						100.0	5.9

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)

13945 STATION ET SILL AAF OK STATION NAME 67-70, 73-78 YEARS NOV 9 1974
 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	3.4	3.3	6.7	8.7	2.3	.6						25.0	17.4
NNE	1.0	1.1	1.3	1.9	.3	.1						5.8	9.1
NE	.4	.2	.4	.4	.1							1.7	8.7
ENE	.1	.3	.1		.1							.7	6.2
E	.4	.4	.1									1.0	4.2
ESE	.9	.2	.1									1.2	3.4
SE	.8	.7	.6	.1								2.1	5.0
SSE	.9	3.1	3.3	1.2	.1							8.7	7.6
S	2.8	3.3	4.8	3.0	.2							14.2	7.4
SSW	1.3	1.1	.6	.2								3.2	4.8
SW	1.5	1.7	.2									3.9	3.9
WSW	1.0	.3	.3									1.7	3.9
W	.1	.9										1.0	4.7
WNW	.1	.3	.4									.9	5.3
NW	.7	.7	.7	.4								2.4	6.5
NNW	.7	.9	1.4	1.4	.2							4.7	8.8
VARBL													
CALM												22.0	
	16.6	18.7	21.1	17.4	3.6	.7						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 901

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC.
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945
STATION

FT SILL AAF PK
STATION NAME

67-70, 73-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L & 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	1.7	4.7	9.2	3.0	1.2	.1					20.8	12.6
NNE	.7	1.6	1.4	4.6	.7	.3						9.2	11.1
NE	.2	.3	1.1	.6	.1	.1						2.4	9.8
ENE	.3	.2	.2									.8	4.9
E	.6	.6	.1									1.2	4.1
ESE	.4	.2	.1									.8	3.9
SE	.1	1.0	1.0									2.1	6.6
SSE	.8	1.0	3.3	2.4								7.6	8.9
S	1.4	3.8	4.3	7.2	.2							17.0	9.5
SSW	.7	2.1	2.7	2.7	.3							8.4	9.0
SW	.9	2.3	2.3	2.2								7.8	8.0
WSW	.3	1.4	.4	.4	.2	.1						3.0	7.9
W	.4	.4	1.0	.2								2.1	7.0
WNW	.1	.4	.1	.1								.8	6.3
NW	.2	.3	.2	.8	.1							1.7	9.9
NNW	.6	1.0	1.6	2.1	1.3	.1						6.7	11.5
VARBL													
CALM												7.7	
	8.7	18.4	24.7	32.6	6.0	1.9	.1					100.0	9.2

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)

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-76
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	34-46	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	4.9	8.4	2.1	.7						18.8	12.0
NNE	.3	1.3	2.1	3.6	.7	.0						8.6	11.6
NE	.7	.3	.8	1.1	.2							3.1	8.9
ENE	.1	.3	.2	.2								.9	7.9
E	.1	.3	.3									.8	6.4
ESE	.3	.2	.3									.9	5.3
SE	.2	.2	.3	.2								1.0	6.8
SSE	.1	.8	2.4	2.3	.3	.1						6.1	10.6
S	.4	2.2	5.2	8.3	1.6	.1						17.9	11.3
SSW	.9	1.8	3.7	5.8	.3	.1						13.0	10.6
SW	.7	1.0	3.0	2.4	.1							7.2	9.2
WSW	.3	.8	.7	.8								2.6	7.7
W	.2	.6	1.3	.7								2.8	6.9
WNW	.2	.2	.7	.4	.1							1.7	8.3
NW	.3	.4	1.7	1.0	.2							3.7	9.5
NNW	.8	.8	.9	2.9	1.1	.1						6.6	11.5
VARBL													
CALM												4.6	
	6.4	13.0	28.6	38.2	7.2	1.7						100.0	10.2

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)

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS NGV MONTH 1500-1700 HOUR (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR,	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.7	4.2	8.0	2.3	.2						18.4	12.0
NNE	.8	2.0	2.9	2.2	.3	.1						8.3	9.1
NE	.6	.8	1.1	.1								2.6	6.5
ENE	.2	.6	.6	.1								1.4	6.7
E	.9	.3	.1									1.3	2.9
ESE	.1	.8	.1									1.0	4.6
SE	.4	.8	.9	.2								2.3	6.0
SSE	.2	2.1	2.7	2.9	.7	.2						8.8	10.1
S	1.2	2.7	7.9	9.0	1.0							21.9	10.3
SSW	.6	2.6	2.3	2.9	.1	.3						8.8	9.3
SW	1.2	1.4	1.6	.6								4.8	6.3
WSW	.7	1.2	.9	.2								3.0	6.0
W	.3	.4	.6	.8								2.1	9.3
WNW	.1	.3	.7	.1								1.2	7.6
NW	.1	.4	1.0	1.0	.1							2.7	10.0
NNW	.4	.9	2.0	3.1	.8	.1						7.3	11.4
VARBL													
CALM												4.0	
	8.4	20.0	29.4	31.2	5.3	1.6						100.0	9.3

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)

13945 STATION FT SILL AAF WY STATION NAME 67-70, 73-78 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	1.9	4.8	4.3	4.0	1.8	1.6						18.9	10.5
NNE	.9	2.1	2.1	.9	.3							6.3	7.6
NE	.9	1.3	.2	.1								2.6	4.5
ENE	.7	.8	.1									1.6	3.8
E	.9	1.0										1.9	3.3
ESE	.7	.4										1.1	3.4
SE	.6	2.7	.9	.1								4.4	5.3
SSE	1.9	3.8	5.1	2.3								13.6	7.6
S	2.2	4.5	5.6	3.3	.1							15.8	7.7
SSW	1.7	1.2	.6	.6								3.9	5.1
SW	.2	.2										.4	3.5
WSW	.6	.1		.1								.8	4.2
W	.4	.2	.4	.6	.1							1.8	8.8
WNW	.3	.3	.1	.2								1.0	6.0
NW	1.0	.7	.6	.1								2.3	4.8
NNW	.8	.8	1.4	.8	.1	.2						4.1	9.0
VARBL													
CALM												19.6	
	15.8	25.0	21.4	14.0	2.4	1.8						100.0	6.1

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)

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

NOV
MO. YR.

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	4.0	7.3	5.9	3.1	2.2	.9	.2					23.7	8.8
NNE	.9	.8	1.7	1.6	.6	.2						5.7	10.0
NE	.1	.6	.1									.8	4.6
ENE	.1	.4										.6	4.6
E	.0	.9										1.4	4.0
ESE	.4	.6	.1									1.1	3.7
SE	.8	1.3	1.1	.3								3.6	6.0
SSE	1.0	3.1	4.6	3.1	.3							12.1	8.6
S	1.7	3.4	4.1	4.9								14.1	8.6
SSW	.9	.8	.6	.2								2.3	5.6
SW	1.2	.4	.3									2.0	3.4
WSW	.8	.7										1.4	3.2
W	.8	.8	.1	.4								2.1	6.0
WNW	.1	.4	.2	.2								1.1	8.0
NW	1.1	.9	.4	.2								2.7	5.2
NNW	1.2	.8	1.4	1.7	.2	.2						5.6	9.0
VARBL													
CALM												19.8	
	15.6	23.2	20.7	15.9	3.3	1.3	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

906

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945
STATION

FI SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

NIIV
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	4.0	5.2	7.2	2.2	.9	.1					21.8	10.6
NNE	.2	1.3	1.8	2.2	.4	.2						4.9	9.6
NE	.5	.6	.5	.3	.1	.3						2.0	6.9
ENE	.2	.5	.2	.0	.0							.9	5.6
E	.5	.5	.1									1.2	7.8
ESE	.5	.4	.1									1.0	3.9
SE	.6	1.2	.7	.1								2.7	5.6
SSE	1.0	2.4	3.5	2.2	.2	.6						9.3	8.3
S	1.8	3.1	5.3	5.2	.4	.0						15.8	9.0
SSW	1.0	1.3	1.5	1.6	.2	.1						5.6	8.3
SW	1.1	1.1	1.0	.7	.0							3.8	6.5
WSW	.7	.8	.3	.2	.0	.0						2.0	5.6
W	.5	.6	.5	.4	.0							1.9	7.1
WNW	.2	.4	.3	.2	.0	.0						1.2	7.7
NW	.6	.6	.8	.6	.1	.0						2.7	7.8
NNW	.9	1.0	1.5	1.8	.5	.1						5.7	9.8
VARBL													
CALM												15.4	
	13.1	29.7	23.4	22.8	4.2	1.3	.1					100.0	7.4

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)

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

UEC
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	3.5	3.0	5.5	6.1	4.3	.6	.2					26.1	10.4
NNE	1.0	.8	1.3	1.2	.4							4.6	8.9
NE	.3	.4		.1								.9	4.8
ENE	.5		.1									.6	2.8
E	.1	.1										.2	3.5
ESE	.9	.4	.1									1.4	3.5
SE	1.5	1.2	1.3	.4								4.4	5.7
SSE	1.2	2.3	3.5	1.2								8.2	7.4
S	1.7	4.4	3.2	2.2								11.5	6.9
SSW	.6	.9	.6									2.3	5.3
SW	.9	.6	.1	.1	.1							1.8	5.5
WSW	1.2	1.1	.5			.1						2.9	4.7
W	1.2	1.5	.5	.2								3.4	4.9
WNW	.4	.2	.1	.2								1.0	6.0
NW	1.0	.4	.5	1.0								2.9	7.4
NNW	.9	.6	1.3	1.3								4.1	8.0
VARBL													
CALM												23.7	
	16.9	20.8	18.9	14.0	4.8	.8	.2					100.0	6.0

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)

13945 STATION FT SILL AAF MK STATION NAME 67-70, 73-78 YEARS DFC 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	4.3	6.7	4.5	7.5	3.2	1.3						27.5	10.0
NNE	.6	1.0	.5	1.4	.6							4.2	10.2
NE	.3	.5			.3							1.2	8.0
ENE	.1											.1	2.0
E	.2	.2										.4	3.5
ESE	.6	.4	.3	.2								1.7	5.6
SE	.9	1.4	1.1	.3								3.7	5.9
SSE	1.5	2.2	3.3	.8								7.7	6.7
S	2.2	3.8	4.1	1.6								11.6	6.9
SSW	.6	1.3	.3									2.3	4.6
SW	1.4	.4	.1	.1								2.0	3.6
WSW	1.4	1.5	.5									3.4	4.3
W	.6	.8	.4									1.8	5.1
WNW	.3	.4	.5	.2	.1							1.6	7.4
NW	.2	.3	.9	.5	.1							2.0	9.3
NNW	.0	1.4	1.6	1.0	.1	.1						4.9	8.3
VARBL													
CALM												23.7	
	16.2	22.3	18.3	13.7	4.5	1.4						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH
 0600-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.0	5.8	4.3	7.7	2.7	.9	.2					25.6	10.1
NNE	1.3	1.3	.6	.9	1.4	.2						5.7	10.1
NE	.2	.1	.1									.4	4.3
ENE	.2	.3										.5	4.2
E	.8	.4	.2									1.4	3.6
ESE	.0	.2	.1	.2								1.3	5.0
SE	.3	2.3	1.1	.2								3.9	5.9
SSE	.9	1.9	2.9	1.0	.2							6.9	7.8
S	2.2	1.8	3.5	2.2								10.8	6.7
SSW	1.3	2.0	1.3	.5								5.2	5.9
SW	1.1	1.1	.3	.1								2.6	4.5
WSW	.9	1.6	.4	.2								3.1	5.4
W	.5	.8	.4									1.7	4.9
WNW		.1	.6	.1	.1							1.0	10.1
NW	.4	.6	.8	.9	.1							2.8	8.8
NNW	.6	.4	1.2	1.3	.2	.2						4.0	10.1
VARBL													
CALM												23.2	
	16.5	20.9	18.0	15.3	4.7	1.3	.2					100.0	6.2

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)

13945
STATION

FT SILL AAF PK
STATION NAME

67-70, 73-78
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	1.0	3.9	4.5	6.0	4.8	1.4	.2					21.8	12.6
NNE	1.2	.9	1.2	2.2	1.3	.3		.1				7.1	11.8
NE	1.0	.5	.3	.2	.1							2.2	6.0
ENE	.3	.1	.2									.6	4.7
E	.6	.3	.1									1.1	3.7
ESE	.3	.6	.8	.3								2.0	6.8
SE	.6	1.2	.6	.8								3.2	7.0
SSE	1.1	2.5	3.4	2.8	.1							9.9	8.3
S	.4	3.2	4.9	4.1	.6							13.3	9.4
SSW	1.1	2.0	2.6	1.6	.3							7.6	8.1
SW	1.1	2.3	1.4	.9	.1	.1						5.8	7.3
WSW	1.0	1.1	1.4	.6		.1						4.2	7.1
W	.5	.8	1.1	.3	.1							2.8	7.2
WNW	.1	.1	.6	.1								1.0	3.3
NW	.1	.3	1.2	.6	.3							2.6	10.6
NNW	.6	.9	2.0	2.5	.3	.2						6.6	10.4
VARBL													
CALM												6.2	
	11.1	20.6	26.5	23.0	8.2	2.2	.2	.1				100.0	8.8

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)

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
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	.8	1.4	3.7	6.6	4.1	1.6	.2	.1				18.4	14.0
NNE	.9	.8	1.8	2.6	1.0	.3						7.3	11.2
NE	.8	.4	.8	.1	.2							2.3	6.7
ENE	.3	.2	.2									.8	4.6
E	.8	.3	.1									1.2	3.4
ESE	.3	.8	.6	.2								1.9	6.5
SE	.4	.8	1.0	.5								2.7	7.3
SSE	.9	.9	2.8	1.6	.1							6.2	8.4
S	1.3	2.3	6.5	6.0	.8	.3						17.6	10.2
SSW	1.0	1.0	4.0	3.2	.5	.4						10.1	10.3
SW	.9	1.7	2.8	2.3	.2							7.8	8.8
WSW	.5	.4	.6	1.0	.1	.2	.2					3.2	11.2
W	.3	.8	1.5	1.0	.3							3.9	9.4
WNW	.2	.3	.2	1.0	.5							2.3	11.9
NW	.2	.8	1.1	.6	.3							2.8	9.4
NNW	.4	1.2	1.7	2.3	1.5	.5						7.6	12.4
VARBL													
CALM												3.9	
	9.9	13.9	29.5	29.2	9.7	3.4	.4	.1				100.0	10.2

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)

13945 STATION FI SILL AAF BK STATION NAME 67-70,73-78 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	1.1	2.8	4.3	7.1	3.8	1.3	.2					20.5	12.5
NNE	.8	1.9	2.9	2.4	.5							8.5	9.1
NE	.2	.3	.1	.2	.1							1.0	7.9
ENE	.3	.2										.5	2.8
E	.6	.9		.1								1.5	4.6
ESE	.4	.9	1.0									2.3	6.3
SE	.5	1.2	1.1	.8								3.9	6.8
SSE	.3	2.4	2.8	2.2	.1							8.2	8.1
S	1.3	3.3	6.3	5.3	.9	.4						17.4	9.5
SSW	.0	1.8	2.6	2.5	.6							8.2	9.4
SW	.9	1.6	1.6	.8	.1							4.9	7.3
WSW	.2	1.0	1.3	.2		.1						2.8	7.9
W	.4	1.3	1.3	.2	.2	.1						3.5	7.6
WNW		.4	.2	.8	.3		.1					1.8	12.7
NW	.2	.3	.4	1.1	.4	.2	.1					2.8	13.2
NNW	.4	1.1	1.7	2.2	1.0	.2						6.6	11.4
VARBL													
CALM												5.5	
	9.1	21.6	27.6	29.0	8.1	2.3	.4					100.0	9.2

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)

13945 STATION FT SILL AAF MK STATION NAME 67-70, 73-78 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	2.0	4.3	4.3	4.4	2.9	1.1						19.8	10.4
NNE	1.0	1.3	2.0	1.7	1.2	.1						7.3	9.9
NE	.4	.2		.1								.8	4.6
ENE	.4	.6										1.1	3.4
E	1.4	.5										1.9	2.9
ESE	.6	1.3	.5	.2								2.7	5.8
SE	1.3	2.3	.6	1.0								5.2	6.0
SSE	3.0	3.0	2.7	2.0								10.9	6.6
S	1.7	4.2	3.7	1.8	.2							11.7	7.3
SSW	1.3	1.6	.4	.1								3.5	4.6
SW	.8	.8										1.5	3.9
WSW	.8	.3										1.1	2.9
W	1.2	.8		.4								2.4	4.9
WNW	.1	.3	.1	.4								.9	8.0
NW	.2	.8	1.1	.8								2.8	8.3
NNW	.6	1.2	1.7	1.6	.4							5.6	9.5
VARBL													
CALM												21.0	
	17.7	23.5	17.3	14.6	4.7	1.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 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	3.9	5.8	4.5	4.9	4.1	1.4	.2					24.8	10.3
NNE	.9	1.3	1.5	1.7	.5	.1						6.3	9.6
NE	.4	.3	.3	.1								1.2	5.3
ENE	.4	.3										.8	3.6
E	.3	.4	.2									1.0	4.2
ESE	.3	1.0	.3									1.6	5.1
SE	1.0	1.9	1.9	.6								5.5	6.8
SSE	1.7	2.9	3.1	2.5								10.2	7.5
S	1.2	2.5	5.1	2.6								10.8	8.0
SSW	.3	1.2	1.0	.2								2.7	6.2
SW	.2	.3	.2									1.4	3.5
WSW	1.5	.8	.3	.1								2.7	3.8
W	.9	.8	.3	.1								2.0	4.5
WNW	.3	.1	.3									.8	6.0
NW	.6	.9	.6	.3								2.5	6.3
NNW	1.1	1.7	1.4	1.2	.1							5.5	7.2
VARBL													
CALM												20.3	
	15.7	22.2	21.3	14.0	4.7	1.5	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

13945

FT SILL AAF GK

47-70, 73-78

DFC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	4.6	4.5	6.3	3.7	1.2	.4	.0				23.1	11.1
NNE	.9	1.1	1.5	1.3	.9	.1		.0				6.4	10.1
NE	.5	.4	.2	.1	.1							1.2	6.2
ENE	.3	.2	.1									.6	3.7
E	.6	.4	.1	.0								1.1	3.7
ESE	.5	.7	.5	.1								1.9	5.7
SE	.9	1.5	1.1	.6								4.0	6.4
SSE	1.4	2.2	3.1	1.7	.1							8.5	7.5
S	1.6	3.2	4.7	3.2	.3	.1						13.1	8.3
SSW	.9	1.5	1.6	1.0	.2	.1						5.2	7.9
SW	1.6	1.1	.8	.5	.1	.0						3.5	6.7
WSW	.9	1.0	.7	.3	.0	.1	.0					2.9	6.3
W	.7	.9	.7	.3	.1	.0						2.7	6.4
WNW	.2	.3	.3	.3	.1		.0					1.3	9.5
NW	.4	.6	.8	.7	.2	.0	.0					2.6	9.2
NNW	.7	1.1	1.6	1.7	.5	.2						5.6	9.9
VARBL													
CALM												16.2	
	14.1	20.7	22.2	18.7	6.2	1.7	.2	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

7434

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945
STATION

ET SILL AAF PK
STATION NAME

57-70, 73-79
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	2.1	3.5	3.3	4.3	1.6	.7	.1	.0				16.0	10.1
NNE	.6	1.4	1.8	1.6	.4	.1	.0	.0				6.2	8.9
NE	.6	1.0	.9	.4	.1	.0						2.9	6.7
ENE	.5	.7	.2	.1	.0	.0						1.9	5.6
E	.6	1.0	.6	.2	.0	.0						2.6	5.6
ESE	.4	1.0	.6	.4	.0	.0						3.0	6.2
SE	1.2	2.1	2.1	1.2	.1	.0	.0					6.7	7.3
SSE	1.4	3.4	4.5	3.4	.3	.1	.0	.0				13.6	8.4
S	1.4	3.3	5.5	5.1	.8	.1	.0	.0				16.4	9.3
SSW	.7	1.3	1.6	1.3	.2	.0	.0					5.2	8.3
SW	.7	.9	.1	.5	.1	.0						3.1	6.9
WSW	.6	.7	.2	.2	.0	.0	.0					2.0	6.2
W	.4	.5	.4	.2	.0	.0	.0					1.6	7.0
WNW	.1	.2	.2	.1	.1	.0	.0					.8	8.4
NW	.3	.3	.4	.6	.1	.0	.0					1.5	8.9
NNW	.5	.7	1.0	1.1	.3	.1	.0					3.7	9.8
VARBL													
CALM												12.9	
	13.5	22.1	24.6	20.3	4.4	1.1	.1	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 87633

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-79 YEARS ALL MONTH ALL HOURS (L.S.T.)
 INSTRUMENT CLASS
 CONDITION
 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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	1.2	2.8	6.3	9.0	3.7	1.0	.2					24.7	12.4
NNE	.7	2.3	3.4	3.5	.8	.2	.0					17.9	10.0
NE	.8	1.5	1.5	.6	.1							4.4	7.2
ENE	.5	.9	.8	.1								2.3	5.7
E	.8	1.5	1.1	.4	.0	.0						3.8	6.2
ESE	.7	1.2	1.5	.8	.1	.0						4.2	7.2
SE	.8	2.0	2.5	2.1	.2	.1						7.8	6.5
SSE	.7	2.2	4.9	4.5	.4	.0						12.8	9.7
S	.8	2.7	5.4	3.9	.4	.0						13.7	9.0
SSW	.4	.7	1.0	.2	.0							2.4	7.1
SW	.2	.5	.4	.2	.0							1.5	7.0
WSW	.2	.2	.2	.0	.0	.0	.0					.9	6.4
W	.2	.2	.2	.2	.1	.0						.8	9.0
WNW	.1	.1	.1	.1	.0	.0						.5	9.0
NW	.2	.2	.2	.2	.1	.1	.0					.9	10.1
NNW	.2	.4	.9	1.2	.4	.2	.0					3.2	11.8
VARBL													
CALM												5.8	
	8.3	19.7	30.6	26.8	6.3	2.2	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 7301

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior 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	> 4	> 5	> 4	> 3	> 2 1/2	> 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0	
> 1800																
> 1500					91.0											92.6
> 1200																
> 1000																
> 800																
> 700																
> 600																
> 500										97.4						98.1
> 400																
> 300																
> 200																
> 100																
0					94.4		96.2			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 visibility independently of ceilings on bottom line opposite ≥ 0 . From the table:
 Visibility $\geq 1 1/2$ miles = 98.1%.
 Visibility ≥ 1 mile = 96.2%.
 Visibility $\geq 1/2$ mile = 94.4%.

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

ADDITIONAL EXAMPLES

EXAMPLE # 4

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

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

EXAMPLE # 5

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

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 STATION FT SILL AAF OK

68-70, 73-79 YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES													
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING	54.4	57.0	57.7	57.8	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.4
≥ 20000	56.8	59.5	60.2	60.3	60.6	60.6	60.6	60.8	60.8	60.9	60.9	60.9	60.9	61.0
≥ 18000	56.8	59.5	60.2	60.3	60.6	60.6	60.6	60.8	60.8	60.9	60.9	60.9	60.9	61.0
≥ 16000	56.8	59.5	60.2	60.3	60.6	60.6	60.6	60.8	60.8	60.9	60.9	60.9	60.9	61.0
≥ 14000	57.3	60.0	60.8	60.9	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.5
≥ 12000	58.7	61.5	62.3	62.4	62.7	62.7	62.7	62.8	62.8	62.9	62.9	62.9	62.9	63.0
≥ 10000	60.2	63.1	64.2	64.3	64.6	64.6	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.9
≥ 9000	60.8	63.7	64.7	64.8	65.2	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.5
≥ 8000	62.5	65.4	66.5	66.6	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.2
≥ 7000	64.2	67.1	68.2	68.3	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.9
≥ 6000	65.2	68.1	69.1	69.2	69.6	69.6	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.9
≥ 5000	65.5	68.5	69.6	69.7	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.3
≥ 4500	66.0	69.1	70.2	70.3	70.6	70.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	71.0
≥ 4000	66.7	69.8	70.9	71.1	71.4	71.4	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.7
≥ 3500	67.7	71.3	72.4	72.6	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.2
≥ 3000	68.7	72.5	73.5	73.8	74.1	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.4
≥ 2500	70.3	74.7	75.8	75.0	76.3	76.3	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.7
≥ 2000	72.0	76.7	77.7	78.1	78.6	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.9
≥ 1800	72.7	77.7	78.9	79.4	80.0	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.3
≥ 1500	73.5	78.8	80.3	80.9	81.6	81.6	81.6	81.8	81.8	81.9	81.9	81.9	81.9	82.0
≥ 1200	74.3	79.6	81.3	81.8	82.8	82.8	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.3
≥ 1000	75.3	80.8	82.6	83.1	84.1	84.1	84.1	84.3	84.4	84.5	84.5	84.5	84.5	84.6
≥ 900	75.7	81.8	83.8	84.4	85.4	85.4	85.4	85.6	85.7	85.8	86.0	86.0	86.0	86.1
≥ 800	76.3	82.6	84.7	85.4	86.6	86.6	86.6	86.8	86.9	87.0	87.2	87.2	87.2	87.3
≥ 700	76.7	83.2	85.5	86.1	87.3	87.3	87.3	87.6	87.7	87.8	88.1	88.1	88.2	88.3
≥ 600	76.8	83.8	86.1	86.9	88.4	88.4	88.4	88.6	88.7	88.9	89.2	89.2	89.4	89.5
≥ 500	76.9	84.2	86.7	87.4	89.2	89.4	89.4	89.6	89.8	89.9	90.1	90.3	90.4	90.5
≥ 400	77.1	84.5	87.3	88.1	90.8	90.9	91.2	91.4	91.6	92.0	92.3	92.3	92.4	92.5
≥ 300	77.1	84.5	87.3	88.3	91.1	91.3	91.7	92.2	92.6	93.9	93.9	94.1	94.3	94.4
≥ 200	77.1	84.5	87.3	88.3	91.2	91.4	91.8	92.5	92.9	94.3	95.1	95.3	95.5	95.7
≥ 100	77.1	84.5	87.3	88.3	91.2	91.4	91.8	92.6	93.0	94.7	95.7	95.0	97.2	98.1
≥ 0	77.1	84.5	87.3	88.3	91.2	91.4	91.8	92.6	93.0	94.7	95.7	96.0	97.2	98.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF TX

68-70, 73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0	
NO CEILING	53.1	55.3	55.7	55.8	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.7
≥ 20000	53.4	57.5	58.0	58.1	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.9
≥ 18000	55.4	57.5	58.0	58.1	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.9
≥ 16000	55.4	57.5	58.0	58.1	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.9
≥ 14000	56.0	58.2	58.6	58.7	59.1	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.6
≥ 12000	56.7	59.2	59.7	59.8	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.6
≥ 10000	57.7	60.3	60.8	60.9	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.7
≥ 9000	58.1	60.6	61.1	61.2	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	62.0
≥ 8000	59.6	62.2	62.6	62.8	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.7
≥ 7000	60.6	63.2	63.7	63.9	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.7
≥ 6000	61.3	64.0	64.4	64.6	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.5
≥ 5000	61.7	64.4	64.8	65.1	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.9
≥ 4500	62.7	65.8	66.3	66.6	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.4
≥ 4000	63.4	66.6	67.1	67.3	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.2
≥ 3500	65.3	68.7	69.4	69.6	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.4
≥ 3000	66.2	69.9	70.5	70.8	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.6
≥ 2500	67.7	71.5	72.3	72.5	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.3
≥ 2000	68.5	72.7	73.5	73.8	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.6
≥ 1800	69.2	73.9	74.7	74.9	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.8
≥ 1500	69.8	75.1	76.2	76.3	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.4
≥ 1200	71.8	77.1	78.4	78.7	79.1	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.8
≥ 1000	72.3	77.7	79.4	79.8	80.3	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	81.1
≥ 900	72.8	78.4	80.0	80.4	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.7
≥ 800	73.1	79.1	80.9	81.4	82.4	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.1
≥ 700	74.2	80.6	82.5	83.1	84.1	84.3	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	85.1
≥ 600	74.4	81.1	83.0	83.5	84.9	85.2	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	86.0
≥ 500	74.4	81.5	83.5	84.8	86.0	86.3	86.5	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.3
≥ 400	74.5	81.6	83.9	85.4	87.3	87.7	88.2	88.8	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.4
≥ 300	74.7	81.8	84.1	85.8	88.0	88.5	89.1	90.3	90.6	90.8	90.9	90.9	90.9	90.9	90.9	91.2	91.4
≥ 200	74.8	82.0	84.3	86.0	88.3	88.9	89.8	91.1	91.6	92.0	92.3	92.4	92.4	92.7	94.0	94.3	94.8
≥ 100	74.8	82.0	84.3	86.0	88.3	88.9	89.8	91.1	91.6	93.0	93.3	93.5	93.5	94.2	94.7	95.2	96.0
≥ 0	74.8	82.0	84.3	86.0	88.3	88.9	89.8	91.1	91.6	93.0	93.3	93.5	93.5	94.2	94.8	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF PK
STATION NAME

68-70,73-79
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	48.2	49.6	50.0	50.4	50.9	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.3
≤ 20000	51.5	53.2	53.7	54.1	54.5	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.9
≥ 18000	51.5	53.2	53.7	54.1	54.5	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.9
≥ 16000	51.5	53.2	53.7	54.1	54.5	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.9
≥ 14000	52.0	53.8	54.2	54.6	55.1	55.2	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.5
≥ 12000	53.9	55.8	56.2	56.7	57.1	57.2	57.2	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 10000	55.8	57.7	58.2	58.6	59.0	59.1	59.1	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.6
≥ 9000	55.9	57.8	58.3	58.7	59.1	59.2	59.2	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 8000	57.4	59.4	59.8	60.2	60.6	60.8	60.8	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 7000	58.3	60.2	60.6	61.1	61.5	61.6	61.6	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	62.0
≥ 6000	58.9	61.0	61.4	61.8	62.3	62.4	62.4	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.8
≥ 5000	59.2	61.4	61.8	62.3	62.7	62.8	62.8	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 4500	59.9	62.4	62.9	63.3	63.8	64.0	64.0	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.4
≥ 4000	61.0	63.5	64.1	64.5	64.9	65.2	65.2	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 3500	62.3	64.9	65.5	65.9	66.3	66.6	66.7	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 3000	63.3	66.3	66.9	67.3	67.7	68.0	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.5
≥ 2500	64.6	67.7	68.5	69.0	69.5	69.7	69.8	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.3
≥ 2000	66.1	70.3	71.5	72.0	72.6	72.8	72.9	73.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.5
≥ 1800	66.1	70.6	71.8	72.4	72.9	73.1	73.2	73.3	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.9
≥ 1500	67.2	72.2	73.4	74.0	74.5	74.9	75.1	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 1200	68.4	74.1	75.5	76.3	77.0	77.7	77.8	78.1	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.7
≥ 1000	68.9	75.4	76.8	77.7	78.6	79.4	79.6	79.8	79.8	80.3	80.4	80.4	80.4	80.4	80.4	80.5
≥ 900	69.1	75.9	77.4	78.4	79.4	80.1	80.3	80.5	80.5	81.1	81.2	81.2	81.2	81.2	81.2	81.3
≥ 800	69.6	76.6	78.2	79.2	80.3	81.1	81.3	81.5	81.5	82.0	82.2	82.2	82.2	82.2	82.2	82.4
≥ 700	69.9	77.2	79.1	80.2	81.4	82.2	82.4	82.7	82.7	83.2	83.3	83.3	83.3	83.3	83.3	83.5
≥ 600	70.0	77.6	79.6	80.9	82.0	82.8	83.1	83.4	83.4	84.0	84.1	84.1	84.1	84.1	84.1	84.3
≥ 500	70.2	78.3	80.3	81.9	83.3	84.1	84.8	85.2	85.2	85.7	85.8	85.8	85.8	85.8	85.9	86.1
≥ 400	70.3	78.7	80.8	82.6	84.2	85.7	87.0	87.4	87.4	88.1	88.2	88.2	88.2	88.3	88.4	88.6
≥ 300	70.4	78.9	81.3	83.1	85.1	86.9	88.4	89.2	89.5	90.3	90.5	90.5	90.6	90.8	90.9	91.1
≥ 200	70.5	79.1	81.6	83.4	85.6	87.5	89.0	89.9	90.1	91.8	92.3	92.3	92.9	93.2	93.5	94.1
≥ 100	70.5	79.1	81.6	83.4	85.6	87.5	89.2	90.2	90.4	92.2	92.6	92.6	93.5	94.3	95.2	96.5
≥ 0	70.5	79.1	81.6	83.4	85.6	87.5	89.2	90.2	90.4	92.2	92.6	92.6	93.8	94.6	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

08-70, 73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING	45.9	47.5	48.2	48.9	49.5	49.6	49.8	49.9	49.9	50.0	50.0	50.0	50.2	50.2	50.3	50.4
≥ 20000	49.9	51.9	52.6	53.4	54.1	54.2	54.4	54.5	54.5	54.6	54.6	54.6	54.8	54.8	54.9	55.1
≥ 18000	50.1	52.2	52.8	53.7	54.3	54.4	54.6	54.7	54.7	54.8	54.8	54.8	55.1	55.1	55.2	55.3
≥ 16000	50.1	52.2	52.8	53.7	54.3	54.4	54.6	54.7	54.7	54.8	54.8	54.8	55.1	55.1	55.2	55.3
≥ 14000	50.3	52.4	53.0	53.9	54.5	54.6	54.8	54.9	54.9	55.1	55.1	55.1	55.3	55.3	55.4	55.5
≥ 12000	52.8	54.8	55.5	56.3	57.0	57.1	57.5	57.7	57.8	58.0	58.0	58.0	58.2	58.2	58.3	58.4
≥ 10000	55.2	57.3	58.0	58.8	59.5	59.6	60.0	60.2	60.3	60.4	60.4	60.4	60.6	60.6	60.8	60.9
≥ 9000	55.7	57.8	58.5	59.4	60.0	60.1	60.5	60.8	60.9	61.0	61.0	61.0	61.2	61.2	61.3	61.4
≥ 8000	56.8	59.0	59.7	60.5	61.3	61.4	61.8	62.0	62.2	62.3	62.3	62.3	62.5	62.5	62.6	62.7
≥ 7000	57.6	59.9	60.5	61.4	62.2	62.3	62.7	62.9	63.0	63.1	63.1	63.3	63.3	63.4	63.5	63.6
≥ 6000	58.6	61.2	62.0	62.9	63.7	63.8	64.3	64.5	64.7	64.8	64.8	64.8	65.1	65.1	65.2	65.3
≥ 5000	58.7	61.6	62.5	63.4	64.3	64.4	64.9	65.2	65.4	65.5	65.5	65.5	65.7	65.7	65.8	65.9
≥ 4500	59.7	62.8	63.8	64.7	65.6	65.7	66.2	66.5	66.7	66.8	66.8	66.8	67.0	67.0	67.1	67.2
≥ 4000	60.2	63.8	64.7	65.7	66.6	66.7	67.2	67.4	67.6	67.7	67.7	67.7	68.0	68.0	68.1	68.2
≥ 3500	60.5	64.2	65.2	66.1	67.0	67.1	67.6	67.8	68.1	68.2	68.2	68.2	68.4	68.4	68.5	68.6
≥ 3000	61.8	65.7	66.7	67.6	68.5	68.6	69.1	69.4	69.6	69.7	69.7	69.7	69.9	69.9	70.0	70.1
≥ 2500	62.3	67.0	68.1	69.0	69.9	70.0	70.5	70.9	71.1	71.2	71.2	71.2	71.4	71.4	71.5	71.6
≥ 2000	64.0	69.1	70.2	71.2	72.2	72.3	72.8	73.1	73.3	73.4	73.4	73.4	73.7	73.7	73.8	73.9
≥ 1800	64.3	69.5	70.5	71.5	72.5	72.6	73.1	73.5	73.8	73.9	73.9	73.9	74.1	74.1	74.2	74.3
≥ 1500	65.9	71.4	72.9	73.9	74.8	74.9	75.5	75.9	76.2	76.5	76.5	76.5	76.7	76.7	76.8	76.9
≥ 1200	67.0	72.7	74.4	75.5	76.5	76.6	77.1	77.6	78.1	78.3	78.3	78.3	78.5	78.5	78.6	78.7
≥ 1000	67.6	74.0	75.8	77.3	78.4	78.5	79.0	79.6	80.0	80.3	80.4	80.4	80.8	80.8	80.9	81.0
≥ 900	68.1	74.7	76.8	78.4	79.6	79.7	80.2	80.8	81.2	81.5	81.6	81.6	81.9	81.9	82.0	82.2
≥ 800	68.1	75.8	78.1	80.1	81.3	81.5	82.0	82.6	83.0	83.3	83.4	83.4	83.8	83.8	83.9	84.0
≥ 700	68.2	76.2	78.8	80.9	82.2	82.4	83.0	83.5	84.0	84.3	84.5	84.5	84.8	84.8	84.9	85.1
≥ 600	68.2	76.9	79.5	81.8	83.9	84.1	84.7	85.7	86.1	86.6	86.8	86.8	87.1	87.1	87.2	87.3
≥ 500	68.3	77.1	80.0	82.6	85.1	85.6	86.9	88.0	88.4	88.8	89.0	89.0	89.4	89.4	89.5	89.6
≥ 400	68.3	77.3	80.5	83.4	86.0	86.8	88.1	89.9	90.6	91.4	91.8	91.8	92.4	92.4	92.5	92.6
≥ 300	68.3	77.3	80.9	84.0	86.8	87.5	89.2	91.5	92.3	93.2	94.0	94.0	94.6	94.6	94.7	95.2
≥ 200	68.3	77.3	81.0	84.1	87.0	87.7	89.5	91.8	92.6	93.9	95.1	95.1	96.2	96.6	97.1	97.7
≥ 100	68.3	77.3	81.0	84.1	87.0	87.7	89.5	91.8	92.6	94.0	95.2	95.2	96.5	96.8	97.6	98.6
≥ 0	68.3	77.3	81.0	84.1	87.0	87.7	89.5	91.8	92.6	94.0	95.2	95.2	96.6	96.9	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF TX
STATION NAME

8-70, 73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	>1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	50.6	51.9	52.9	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	54.7	56.2	57.2	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	54.7	56.2	57.2	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	54.7	56.2	57.2	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	55.3	56.8	57.7	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	56.8	58.3	59.2	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 10000	59.2	60.9	61.8	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 9000	60.2	61.8	62.8	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	62.4	64.3	65.3	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	63.2	65.4	66.3	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 6000	64.0	66.3	67.3	67.6	67.7	67.8	67.8	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	64.6	67.1	68.1	68.7	68.8	68.9	68.9	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500	66.1	68.6	69.6	70.2	70.3	70.4	70.4	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000	66.9	69.4	70.3	71.0	71.1	71.2	71.2	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	67.5	70.2	71.2	71.8	72.0	72.2	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3000	68.1	71.0	72.0	72.7	72.9	73.0	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
≥ 2500	68.5	71.8	72.9	73.5	73.9	74.0	74.0	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2000	69.2	72.9	74.0	74.7	75.2	75.3	75.3	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1800	69.4	73.3	74.4	75.3	75.8	75.9	75.9	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1500	70.8	75.4	76.9	78.2	78.7	78.8	78.8	79.1	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1200	72.0	77.5	79.6	81.0	81.5	81.6	81.6	82.0	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1000	72.9	79.6	81.9	83.4	84.0	84.1	84.3	85.1	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
≥ 900	73.2	80.6	83.7	85.4	85.9	86.0	86.2	87.0	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5
≥ 800	73.7	81.5	85.4	87.3	87.8	88.2	88.4	89.1	89.5	89.6	89.9	89.9	89.9	89.9	89.9	89.9
≥ 700	73.8	82.5	86.6	88.6	89.1	89.6	89.9	90.6	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4
≥ 600	73.8	82.9	87.6	89.8	90.9	91.4	91.9	92.7	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5
≥ 500	73.9	83.3	88.3	90.4	92.4	93.0	93.7	94.4	94.9	95.1	95.4	95.4	95.4	95.4	95.4	95.4
≥ 400	73.9	83.4	88.5	90.9	93.0	93.7	94.6	95.6	96.5	96.9	97.4	97.4	97.5	97.5	97.5	97.5
≥ 300	73.9	83.4	88.5	91.0	93.2	93.9	94.9	96.3	97.3	98.1	98.7	98.7	98.8	98.8	98.8	98.8
≥ 200	73.9	83.4	88.5	91.0	93.2	93.9	94.9	96.3	97.3	98.1	98.7	98.7	98.8	98.9	98.9	98.9
≥ 100	73.9	83.4	88.5	91.0	93.2	93.9	94.9	96.3	97.3	98.1	98.7	98.7	98.8	99.1	99.2	99.3
≥ 0	73.9	83.4	88.5	91.0	93.2	93.9	94.9	96.3	97.3	98.1	98.7	98.7	98.8	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF TX
STATION NAME

68-70,73-1)
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	55.4	55.9	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
≥ 2000	59.9	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 1800	59.9	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 1600	59.9	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 1400	60.5	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 1200	61.5	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	62.5
≥ 1000	63.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 900	64.7	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	65.9	65.9
≥ 800	66.2	67.2	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
≥ 700	67.7	68.9	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
≥ 600	68.4	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 500	69.4	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 400	70.2	71.6	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
≥ 300	71.5	73.0	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
≥ 250	72.2	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 200	72.5	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1800	72.9	75.2	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
≥ 1600	74.1	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 1400	74.8	78.0	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	78.7
≥ 1200	76.5	81.4	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
≥ 1000	79.1	83.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 900	78.4	85.1	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	87.6
≥ 800	78.5	85.6	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 700	78.7	86.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 600	78.2	87.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 500	79.4	88.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 400	79.4	88.2	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
≥ 300	79.4	88.2	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
≥ 200	79.4	88.2	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
≥ 100	79.4	88.2	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
≥ 0	79.4	88.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
REPORTING UNIT

68-70, 73-79
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0.05	≥0
NO CEILING	59.2	61.1	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	62.5	64.4	65.1	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
≥ 18000	62.5	64.4	65.1	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
≥ 16000	62.5	64.4	65.1	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
≥ 14000	63.2	65.2	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	64.3	66.2	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	65.9	68.4	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 9000	66.6	69.0	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 8000	68.3	70.9	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	69.6	72.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000	69.8	72.7	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
≥ 5000	70.3	73.3	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	71.1	74.3	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4000	71.5	74.9	76.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	73.0	76.7	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3000	74.1	77.8	79.6	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	74.9	79.0	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2000	75.4	80.6	82.4	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	75.4	80.9	82.7	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	76.2	82.4	84.2	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1000	76.9	83.8	86.0	86.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 900	77.3	84.6	87.2	87.4	88.1	88.3	88.4	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 800	77.3	84.8	87.5	87.7	88.4	88.6	88.7	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 700	77.3	85.3	88.7	89.0	90.0	90.2	90.3	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	77.4	86.3	90.0	90.3	91.4	91.6	91.8	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 500	77.5	86.8	90.5	90.9	92.2	92.7	92.9	93.2	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 400	77.7	87.2	91.0	91.3	93.1	93.8	94.2	94.5	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 300	77.7	87.2	91.0	91.4	93.7	94.6	95.5	95.8	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	77.7	87.2	91.0	91.4	94.0	94.9	96.2	96.7	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100	77.7	87.2	91.0	91.4	94.1	95.1	96.3	97.0	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	77.7	87.2	91.0	91.4	94.1	95.1	96.3	97.0	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 330

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

68-70, 73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING - FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	56.9	60.0	60.3	60.4	60.4	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 2000	59.8	62.9	63.2	63.3	63.3	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 1800	59.8	62.9	63.2	63.3	63.3	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 1600	59.8	62.9	63.2	63.3	63.3	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 1400	60.6	63.8	64.1	64.2	64.2	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 1200	61.4	64.5	64.8	64.9	64.9	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1000	63.2	66.5	66.7	67.0	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 800	63.2	66.8	67.4	67.5	67.5	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 700	65.5	68.7	69.4	69.5	69.5	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 600	67.3	70.5	71.2	71.3	71.3	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 500	68.1	71.4	72.0	72.2	72.2	72.4	72.4	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 400	68.6	71.9	72.6	72.7	72.7	72.9	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1
≥ 300	68.4	72.3	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 200	69.4	72.9	73.5	73.7	73.7	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 150	70.6	74.2	75.1	75.2	75.3	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 100	71.6	75.2	76.1	76.2	76.3	76.5	76.5	76.6	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0
≥ 75	74.0	78.1	79.0	79.1	79.1	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 50	74.2	78.9	80.3	80.4	80.4	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 25	74.4	79.7	81.1	81.2	81.2	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 15	74.6	80.3	81.7	82.0	82.0	82.6	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10	74.9	81.3	82.7	82.8	82.8	83.3	83.3	83.7	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5	75.8	82.9	84.6	84.7	84.7	85.3	85.3	85.7	85.7	86.0	86.1	86.2	86.2	86.2	86.2	86.2
≥ 3	76.2	83.9	85.7	85.8	85.8	86.3	86.3	86.5	86.5	86.8	87.2	87.3	87.4	87.5	87.5	87.5
≥ 2	76.6	84.5	86.3	86.5	86.5	87.1	87.2	87.5	87.5	88.0	88.1	88.2	88.2	88.2	88.2	88.2
≥ 1	76.7	84.8	86.8	86.9	86.9	87.4	87.4	87.8	87.8	88.2	88.6	88.7	88.8	88.9	88.9	88.9
≥ 0	77.0	85.8	87.7	88.0	88.0	88.6	88.6	89.0	89.0	89.5	89.9	90.0	90.1	90.2	90.2	90.4
≥ 0	77.0	86.3	88.5	88.8	88.8	89.8	89.8	90.2	90.5	91.0	91.4	91.5	91.6	91.7	91.7	91.9
≥ 0	77.3	86.7	88.8	89.4	89.4	91.2	91.2	91.9	92.3	92.8	93.4	93.5	93.7	93.8	93.8	94.0
≥ 0	77.3	86.7	88.9	89.5	89.5	92.0	92.0	93.0	93.4	94.3	95.4	95.3	95.0	95.9	96.0	96.6
≥ 0	77.3	85.7	88.9	89.5	89.5	92.3	92.3	93.2	94.3	95.4	96.2	96.6	97.1	97.2	97.7	98.0
≥ 0	77.3	85.7	88.9	89.5	89.5	92.3	92.3	93.2	94.3	95.4	96.2	96.6	97.1	97.2	97.7	98.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF PK

68-70, 73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 0
NO CEILING	53.0	54.8	55.3	55.6	55.6	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.1
≥ 20000	56.3	58.3	58.8	59.1	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
18000	56.3	58.3	58.9	59.1	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.7
16000	56.3	58.3	58.9	59.1	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.7
14000	56.9	58.9	59.5	59.7	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.3
12000	58.3	60.3	60.9	61.1	61.4	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8
10000	60.1	62.3	62.9	63.2	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8
9000	60.7	62.9	63.5	63.8	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
8000	62.3	64.6	65.3	65.5	65.8	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.2
7000	63.6	65.9	66.6	66.9	67.2	67.3	67.3	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.6
6000	64.3	66.8	67.5	67.8	68.1	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5
5000	64.8	67.4	68.1	68.5	68.8	68.8	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3
4500	65.6	68.4	69.2	69.5	69.8	69.9	70.0	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
4000	66.3	69.2	70.0	70.4	70.7	70.8	70.8	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2
3500	67.4	70.5	71.4	71.7	72.0	72.1	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.6
3000	68.3	71.6	72.5	72.9	73.3	73.3	73.4	73.5	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8
2500	69.4	73.1	74.1	74.5	74.9	75.0	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.5
2000	70.4	74.7	75.9	76.2	76.7	76.9	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4
1800	70.8	75.4	76.6	77.0	77.6	77.7	77.7	77.9	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2
1500	71.9	77.1	78.5	79.0	79.6	79.7	79.8	80.0	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.5
1200	72.9	78.7	80.4	81.0	81.6	81.8	81.9	82.2	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.7
1000	73.6	80.0	82.0	82.7	83.4	83.6	83.7	84.0	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.7
900	73.9	80.7	82.9	83.7	84.4	84.6	84.8	85.1	85.3	85.5	85.6	85.6	85.7	85.7	85.7	85.8
800	74.2	81.5	84.0	85.0	85.9	86.1	86.3	86.6	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.4
700	74.5	82.3	85.1	86.0	87.0	87.3	87.5	87.9	88.2	88.4	88.5	88.5	88.6	88.6	88.6	88.7
600	74.6	82.8	85.7	86.9	88.1	88.5	88.8	89.3	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.1
500	74.7	83.3	86.3	87.6	89.3	89.8	90.3	90.8	91.2	91.4	91.5	91.5	91.6	91.6	91.7	91.8
400	74.8	83.5	86.6	88.1	90.2	91.0	91.7	92.4	92.9	93.3	93.5	93.5	93.6	93.6	93.7	93.8
300	74.9	83.5	86.8	88.3	90.7	91.6	92.6	93.6	94.2	94.9	95.2	95.2	95.4	95.4	95.5	95.7
200	74.9	83.6	86.9	88.4	90.9	91.8	92.8	94.0	94.7	95.7	96.2	96.2	96.6	96.8	97.0	97.3
100	74.9	83.6	86.9	88.4	90.9	91.8	92.9	94.1	94.7	95.8	96.4	96.4	97.1	97.4	97.8	98.3
U	74.9	83.6	86.9	88.4	90.9	91.8	92.9	94.1	94.7	95.8	96.4	96.4	97.1	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

68-70,73-79

FEH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000=0200

CEILING FEET	VISIBILITY STATUTE MILES															
	>10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NONE	61.6	63.9	64.1	64.3	65.0	65.0	65.1	65.1	65.1	65.4	65.6	65.6	65.7	65.7	65.7	65.8
≤ 7000	63.8	66.2	66.3	66.5	67.3	67.4	67.7	67.7	67.7	68.0	68.2	68.2	68.3	68.3	68.3	68.4
≤ 10000	64.2	66.5	66.7	66.9	67.6	67.7	68.1	68.1	68.1	68.3	68.6	68.6	68.7	68.7	68.7	68.8
≤ 15000	64.2	66.5	66.7	66.9	67.6	67.7	68.1	68.1	68.1	68.3	68.6	68.6	68.7	68.7	68.7	68.8
≤ 4000	64.4	66.8	66.9	67.1	67.5	68.0	68.3	68.3	68.3	68.6	68.8	68.8	68.9	68.9	68.9	69.0
≤ 12000	64.9	67.4	67.5	67.7	68.4	68.6	68.9	68.9	68.9	69.1	69.4	69.4	69.5	69.5	69.5	69.6
≤ 10000	65.7	68.2	68.3	68.6	69.3	69.4	69.7	69.7	69.7	70.0	70.2	70.2	70.3	70.3	70.3	70.4
≤ 7000	65.7	68.2	68.3	68.6	69.3	69.4	69.7	69.7	69.7	70.0	70.2	70.2	70.3	70.3	70.3	70.4
≤ 8000	66.5	69.0	69.1	69.4	70.1	70.2	70.6	70.6	70.6	70.8	71.0	71.0	71.2	71.2	71.2	71.3
≤ 7000	66.8	69.5	69.9	70.2	71.2	71.3	71.7	71.7	71.7	72.0	72.2	72.2	72.3	72.3	72.3	72.5
≤ 6000	67.1	69.9	70.2	70.6	71.5	71.6	72.1	72.1	72.1	72.3	72.6	72.6	72.7	72.7	72.7	72.8
≤ 5000	68.7	71.5	71.9	72.2	73.2	73.3	73.8	73.8	73.8	74.0	74.2	74.2	74.3	74.3	74.3	74.5
≤ 4500	69.0	71.9	72.2	72.6	73.5	73.6	74.1	74.1	74.1	74.3	74.6	74.6	74.7	74.7	74.7	74.8
≤ 4000	70.0	73.3	73.6	74.1	74.9	75.1	75.5	75.5	75.5	75.8	76.0	76.0	76.1	76.1	76.1	76.2
≤ 3500	70.4	74.5	74.8	75.3	76.2	76.4	76.8	76.8	76.8	77.1	77.3	77.3	77.4	77.4	77.4	77.5
≤ 3000	72.0	76.1	76.5	77.0	77.9	78.0	78.5	78.5	78.5	78.7	79.0	79.0	79.1	79.1	79.1	79.2
≤ 2500	72.5	76.7	77.1	77.8	78.7	78.8	79.3	79.3	79.3	79.6	79.8	79.8	79.9	79.9	79.9	80.0
≤ 2000	74.0	78.7	79.2	80.0	81.0	81.2	81.7	81.7	81.7	81.9	82.2	82.2	82.3	82.3	82.3	82.4
≤ 1800	74.6	79.8	80.5	81.3	82.3	82.5	83.0	83.0	83.0	83.2	83.5	83.5	83.6	83.6	83.6	83.7
≤ 1500	74.8	80.4	81.1	82.2	83.1	83.3	83.8	83.8	83.8	84.0	84.3	84.3	84.4	84.4	84.4	84.5
≤ 1200	75.9	81.9	82.7	83.8	84.8	85.1	85.6	85.6	85.6	85.8	86.1	86.1	86.2	86.2	86.2	86.3
≤ 1000	76.0	82.3	83.1	84.2	85.1	85.5	85.9	85.9	85.9	86.2	86.4	86.4	86.5	86.5	86.5	86.6
≤ 900	76.0	82.6	83.5	84.5	85.5	85.8	86.3	86.3	86.3	86.5	86.8	86.8	86.9	86.9	86.9	87.0
≤ 800	76.5	83.7	85.1	86.4	87.6	87.9	88.5	88.5	88.5	88.8	89.0	89.0	89.1	89.1	89.1	89.2
≤ 700	76.6	83.8	85.2	86.5	87.9	88.3	88.9	88.9	88.9	89.1	89.4	89.4	89.5	89.5	89.5	89.6
≤ 600	76.8	84.2	85.6	86.9	88.7	89.0	89.6	89.6	89.6	90.0	90.3	90.3	90.4	90.4	90.4	90.5
≤ 550	77.1	84.9	86.3	87.7	90.0	90.3	90.9	91.0	91.1	91.5	91.8	91.8	92.0	92.0	92.0	92.1
≤ 500	77.1	85.0	86.8	88.3	90.9	91.3	91.8	92.1	92.2	92.8	93.1	93.1	93.3	93.3	93.3	93.4
≤ 400	77.1	85.0	87.6	89.2	92.2	92.5	94.0	95.2	95.5	96.2	97.0	97.0	97.2	97.2	97.2	97.3
≤ 300	77.1	85.0	87.6	89.2	92.2	92.9	94.0	95.3	95.7	96.8	97.8	97.8	98.0	98.0	98.0	98.1
≤ 200	77.1	85.0	87.6	89.2	92.2	92.9	94.0	95.3	95.7	96.9	97.9	97.9	98.2	98.2	98.6	98.7
≤ 100	77.1	85.0	87.6	89.2	92.2	92.9	94.0	95.3	95.7	96.9	97.9	97.9	98.3	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 845

USAF ETAC

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF PK

68-70, 73-79

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥ 8000 7000	57.4	59.3	59.6	59.7	59.8	59.8	59.9	60.6	60.8	61.1	61.3	61.3	61.6	61.6	61.7	62.2
≥ 6000 5000	58.6	60.8	61.2	61.3	61.5	61.6	61.7	62.4	62.5	62.9	63.1	63.1	63.4	63.4	63.5	63.9
≥ 4000 3000	59.0	61.1	61.6	61.7	61.9	61.9	62.1	62.8	62.9	63.2	63.5	63.5	63.7	63.7	63.8	64.3
≥ 2000 1000	59.6	61.7	62.2	62.3	62.5	62.5	62.6	63.4	63.5	63.8	64.1	64.1	64.3	64.3	64.4	64.9
≥ 800 600	60.5	62.6	63.1	63.2	63.5	63.5	63.6	64.3	64.4	64.8	65.0	65.0	65.2	65.2	65.4	65.8
≥ 400 300	62.3	64.4	64.9	65.0	65.2	65.2	65.4	66.1	66.2	66.5	66.8	66.8	67.0	67.0	67.1	67.6
≥ 200 100	62.3	64.4	64.9	65.0	65.2	65.2	65.4	66.1	66.2	66.5	66.8	66.8	67.0	67.0	67.1	67.6
≥ 80 60	63.0	65.1	65.6	65.7	66.0	66.0	66.1	66.8	66.9	67.3	67.5	67.5	67.7	67.7	67.8	68.3
≥ 40 30	63.5	66.0	66.7	66.8	67.0	67.1	67.3	68.0	68.1	68.4	68.7	68.7	68.9	68.9	69.0	69.5
≥ 20 10	64.2	66.5	67.3	67.4	67.6	67.7	67.8	68.0	68.7	69.0	69.3	69.3	69.5	69.5	69.6	70.1
≥ 10 5	65.4	67.7	68.4	68.6	68.8	68.9	69.0	69.7	69.9	70.2	70.4	70.4	70.7	70.7	70.8	71.3
≥ 5 2	65.6	68.0	68.7	68.8	69.0	69.1	69.3	70.0	70.1	70.4	70.7	70.7	70.9	70.9	71.0	71.5
≥ 1	65.5	68.3	69.1	69.4	69.6	69.7	69.9	70.6	70.7	71.0	71.3	71.3	71.5	71.5	71.6	72.1
≥ 0	67.0	69.7	70.7	70.9	71.3	71.4	71.5	72.2	72.3	72.7	72.9	72.9	73.2	73.2	73.3	73.8
≥ 0	68.3	71.2	72.1	72.3	72.7	72.8	72.9	73.8	73.9	74.2	74.5	74.5	74.7	74.7	74.8	75.3
≥ 0	69.4	72.6	73.6	74.0	74.5	74.6	74.7	75.5	75.7	76.0	76.2	76.2	76.5	76.5	76.6	77.1
≥ 0	71.9	75.3	76.4	76.7	77.2	77.3	77.4	78.3	78.4	78.7	79.0	79.2	79.2	79.2	79.3	79.8
≥ 0	72.3	76.2	77.3	77.7	78.1	78.3	78.4	79.2	79.3	79.7	79.9	79.9	80.1	80.1	80.3	80.7
≥ 0	73.2	77.7	78.7	79.1	79.7	79.8	79.9	80.7	80.9	81.2	81.4	81.4	81.7	81.7	81.8	82.3
≥ 0	73.9	78.8	80.1	80.5	81.2	81.3	81.4	82.3	82.4	82.7	83.0	83.0	83.2	83.2	83.3	83.8
≥ 0	74.7	80.3	81.7	82.2	82.9	83.0	83.1	83.9	84.0	84.4	84.6	84.6	84.9	84.9	85.0	85.5
≥ 0	74.9	80.9	82.4	83.1	83.8	83.9	84.0	84.9	85.1	85.5	85.7	85.7	85.9	85.9	86.1	86.5
≥ 0	74.9	81.2	82.9	83.7	84.5	84.8	85.0	85.9	86.2	86.5	86.8	86.8	87.0	87.0	87.1	87.6
≥ 0	75.3	81.9	83.6	84.5	85.5	85.0	86.1	87.0	87.2	87.6	87.8	87.8	88.1	88.1	88.2	88.7
≥ 0	75.4	82.0	83.7	84.6	85.7	86.2	86.5	87.5	87.7	88.2	88.4	88.4	88.7	88.7	88.8	89.2
≥ 0	75.5	82.3	84.3	85.3	87.0	87.5	88.1	89.4	89.7	90.4	90.7	90.7	90.9	90.9	91.0	91.5
≥ 0	75.7	82.4	84.4	85.8	87.8	88.7	89.2	90.5	90.9	91.6	91.8	91.8	92.1	92.1	92.2	92.8
≥ 0	75.7	82.4	84.8	86.5	88.5	89.5	90.7	92.3	93.0	94.0	94.7	94.7	94.9	94.9	95.0	95.6
≥ 0	75.7	82.4	84.8	86.6	88.7	89.7	90.9	93.0	93.7	95.0	95.7	95.7	96.0	96.0	96.1	96.7
≥ 0	75.7	82.4	84.8	86.6	88.7	89.7	91.0	93.1	94.0	95.4	96.3	96.3	96.9	97.0	97.5	98.7
≥ 0	75.7	82.4	84.8	86.6	88.7	89.7	91.0	93.1	94.0	95.9	96.8	96.8	97.4	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FI SILL AAF ON

68-7073-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	>10	>6	>4	>3	>2	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1
NO CEILING	52.4	53.9	54.6	55.1	55.9	56.0	56.5	56.5	56.5	56.5	56.6	56.7	57.2	57.2	57.2	57.2
2000	55.2	55.5	57.6	58.0	58.9	59.0	59.5	59.5	59.5	59.5	59.5	59.6	59.7	60.2	60.2	60.2
1500	55.7	57.3	58.0	58.5	59.2	59.5	59.9	59.9	59.9	59.9	59.9	60.0	60.2	60.6	60.6	60.6
1000	55.7	57.3	58.0	58.5	59.2	59.5	59.9	59.9	59.9	59.9	59.9	60.0	60.2	60.6	60.6	60.6
800	56.9	58.5	59.2	59.7	60.5	60.6	61.1	61.1	61.1	61.1	61.2	61.3	61.8	61.8	61.8	61.8
600	58.0	59.7	60.4	60.9	61.7	61.8	62.3	62.3	62.3	62.3	62.4	62.5	63.0	63.0	63.0	63.0
400	59.8	61.5	62.2	62.6	63.6	63.7	64.2	64.2	64.2	64.2	64.3	64.4	64.9	64.9	64.9	64.9
300	59.9	61.6	62.3	62.8	63.7	63.8	64.3	64.3	64.3	64.3	64.4	64.5	65.0	65.0	65.0	65.0
200	60.9	62.5	63.2	63.7	64.7	64.8	65.2	65.2	65.2	65.2	65.4	65.5	66.0	66.0	66.0	66.0
150	61.7	63.4	64.1	64.5	65.6	65.7	66.2	66.2	66.2	66.2	66.3	66.4	66.9	66.9	66.9	66.9
100	62.6	64.3	65.0	65.5	66.5	66.7	67.1	67.1	67.1	67.1	67.3	67.4	67.8	67.8	67.8	67.8
75	63.7	65.4	66.2	66.8	67.8	68.0	68.4	68.4	68.4	68.4	68.6	68.7	69.1	69.1	69.1	69.1
50	63.8	65.5	66.5	67.1	68.2	68.3	68.8	68.8	68.8	68.8	68.8	68.9	69.0	69.5	69.5	69.5
25	64.2	66.0	67.0	67.6	68.8	68.9	69.4	69.4	69.4	69.4	69.4	69.5	69.6	70.1	70.1	70.1
20	64.4	66.3	67.4	68.0	69.1	69.3	69.7	69.7	69.7	69.7	69.7	69.9	70.0	70.4	70.4	70.4
15	65.5	67.4	68.5	69.1	70.2	70.4	70.9	70.9	70.9	70.9	71.0	71.2	71.6	71.6	71.6	71.6
10	67.5	69.5	70.6	71.4	72.6	72.7	73.2	73.2	73.2	73.2	73.3	73.4	73.9	73.9	73.9	73.9
7.5	69.0	71.7	72.1	72.9	74.1	74.2	74.8	74.8	74.8	74.8	74.8	74.9	75.1	75.5	75.5	75.5
5	69.3	71.6	72.7	73.5	74.7	74.8	75.4	75.4	75.4	75.4	75.4	75.5	75.7	76.1	76.1	76.1
2.5	70.6	73.2	74.2	75.1	76.4	76.5	77.1	77.1	77.1	77.1	77.1	77.2	77.3	77.8	77.8	77.8
2	71.0	74.8	76.1	77.3	78.7	78.8	79.4	79.4	79.4	79.4	79.6	79.9	80.0	80.6	80.6	80.6
1.5	72.2	77.5	78.4	79.8	81.4	81.6	82.5	82.5	82.5	82.5	82.7	83.1	83.2	83.8	83.8	83.8
1	72.3	77.1	78.6	80.0	81.7	82.0	83.0	83.0	83.0	83.0	83.2	83.7	83.8	84.4	84.4	84.4
0.75	72.6	77.4	79.1	80.5	82.4	82.9	83.9	83.9	83.9	83.9	84.2	84.6	84.8	85.3	85.3	85.3
0.5	72.6	77.5	79.6	81.1	83.1	83.8	85.0	85.0	85.1	85.3	85.8	85.9	86.5	86.5	86.5	86.5
0.25	72.9	78.3	80.3	81.9	83.9	84.6	86.2	86.2	86.3	86.6	87.1	87.2	87.8	87.8	87.8	87.8
0.15	73.0	78.4	80.6	82.3	84.5	85.3	87.0	87.0	87.1	87.5	87.9	88.1	88.7	88.7	88.7	88.8
0.1	73.2	79.0	81.2	83.2	85.8	86.6	88.5	89.0	89.1	89.5	90.1	90.2	90.9	90.9	90.9	91.0
0.075	73.2	79.1	81.4	83.9	86.9	88.1	90.3	91.4	91.6	92.3	93.3	93.4	94.2	94.2	94.4	94.6
0.05	73.2	79.1	81.4	83.9	86.9	88.3	90.7	91.8	92.1	93.1	94.1	94.2	95.0	95.2	95.4	95.5
0	73.2	79.1	81.4	83.9	86.9	88.3	91.7	91.8	92.2	93.9	94.9	95.0	96.1	96.6	97.5	98.5

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

68-79, 73-79
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	50.2	51.7	52.7	52.7	52.7	52.7	55.0	53.1	53.1	53.2	53.2	53.2	53.4	53.5	53.5	53.5	
≥ 2000	57.2	58.9	60.0	60.0	60.0	60.0	60.0	60.3	60.5	60.5	60.6	60.6	60.6	60.9	61.0	61.0	61.0
≥ 1800	57.6	59.2	60.4	60.4	60.4	60.4	60.6	60.9	60.9	61.0	61.0	61.0	61.2	61.3	61.3	61.3	
≥ 1400	58.3	59.9	61.3	61.3	61.3	61.3	61.6	61.8	61.9	62.1	62.1	62.1	62.3	62.4	62.4	62.4	
≥ 1200	60.2	61.8	63.2	63.2	63.2	63.2	63.5	63.8	63.8	63.9	63.9	64.2	64.3	64.3	64.3	64.3	
≥ 1000	61.5	63.4	64.8	64.9	65.0	65.0	65.2	65.6	65.6	65.7	65.7	65.7	66.0	66.1	66.1	66.1	
≥ 800	61.6	63.5	65.0	65.1	65.2	65.2	65.5	65.8	65.8	66.0	66.0	66.0	66.2	66.3	66.3	66.3	
≥ 7000	63.5	65.5	67.1	67.3	67.4	67.4	67.6	68.0	68.0	68.1	68.1	68.1	68.3	68.4	68.4	68.4	
≥ 6000	63.9	66.1	67.7	67.8	68.0	68.0	68.2	68.6	68.6	68.7	68.7	68.7	68.9	69.0	69.0	69.0	
≥ 5000	64.3	66.4	68.1	68.2	68.4	68.4	68.7	69.0	69.0	69.1	69.1	69.1	69.4	69.5	69.5	69.5	
≥ 4500	64.5	66.7	68.3	68.4	68.7	68.7	68.9	69.3	69.3	69.4	69.4	69.4	69.6	69.7	69.7	69.7	
≥ 4000	64.8	67.0	68.7	68.9	69.1	69.1	69.4	69.7	69.7	69.9	69.9	69.9	70.1	70.2	70.2	70.2	
≥ 3500	65.6	68.0	70.0	70.2	70.4	70.6	70.9	71.3	71.3	71.4	71.4	71.4	71.6	71.7	71.7	71.7	
≥ 3000	65.7	68.1	70.1	70.3	70.7	71.0	71.4	71.7	71.7	72.0	72.0	72.0	72.2	72.3	72.3	72.3	
≥ 2500	66.8	69.5	71.6	72.0	72.3	72.7	73.0	73.4	73.4	73.6	73.6	73.6	73.9	74.0	74.0	74.0	
≥ 2000	67.8	70.7	72.9	73.5	73.9	74.2	74.7	75.1	75.1	75.3	75.3	75.3	75.5	75.7	75.7	75.7	
≥ 1800	68.6	71.5	73.8	74.5	74.9	75.5	76.0	76.4	76.4	76.6	76.6	76.6	76.8	77.0	77.0	77.0	
≥ 1500	70.0	74.0	76.5	77.2	77.9	78.5	79.0	79.3	79.5	79.6	79.6	79.6	79.8	79.9	79.9	79.9	
≥ 1200	70.3	75.3	77.8	78.7	79.4	80.0	80.9	81.2	81.2	81.4	81.4	81.4	81.7	81.8	81.8	81.8	
≥ 1000	70.7	76.7	79.3	80.3	81.0	81.6	82.4	82.7	82.7	83.0	83.0	83.0	83.2	83.5	83.5	83.5	
≥ 900	70.7	76.8	79.9	81.0	82.0	82.6	83.5	83.8	83.8	84.0	84.0	84.0	84.3	84.5	84.5	84.5	
≥ 800	70.6	77.3	80.4	81.7	82.9	83.5	84.5	85.1	85.1	85.3	85.3	85.3	85.6	85.9	85.9	85.9	
≥ 700	70.8	77.4	81.0	82.4	83.8	84.6	85.9	86.6	86.6	86.9	86.9	86.9	87.1	87.5	87.5	87.5	
≥ 600	70.8	77.8	81.6	83.7	85.2	86.3	87.6	88.4	88.4	88.7	88.7	88.7	88.9	89.2	89.2	89.2	
≥ 500	70.8	77.9	81.8	84.0	86.1	87.2	89.0	90.1	90.2	90.4	90.5	90.5	90.8	91.3	91.4	91.4	
≥ 400	70.8	77.9	81.8	84.3	87.1	88.5	90.9	92.4	92.6	92.9	93.0	93.0	93.5	93.7	94.1	94.1	
≥ 300	70.8	77.9	81.8	84.5	87.5	89.0	91.5	93.7	94.2	94.9	95.0	95.0	95.5	95.9	96.3	96.7	96.7
≥ 200	70.3	77.9	81.8	84.5	87.5	89.0	91.6	94.3	94.8	95.5	96.2	96.3	97.0	97.6	98.1	98.2	
≥ 100	70.8	77.9	81.8	84.5	87.5	89.0	91.6	94.3	94.8	95.5	96.3	96.5	97.2	98.2	99.1	99.5	
≥ 0	70.8	77.9	81.8	84.5	87.5	89.0	91.6	94.3	94.8	95.5	96.3	96.5	97.3	98.2	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 846

CEILING VERSUS VISIBILITY

13945

FI SILL AAF OK

68-70, 73-79

FEA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	53.4	55.1	55.4	55.4	55.4	55.6	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0
≥ 2000	61.1	62.8	63.1	63.1	63.1	63.2	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7
≥ 1800	61.2	62.9	63.2	63.2	63.2	63.4	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
≥ 1600	61.6	63.2	63.6	63.6	63.6	63.7	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
≥ 1400	61.8	63.5	63.9	63.9	64.1	64.2	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
≥ 1200	62.2	65.2	65.7	65.7	65.8	66.0	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1000	64.7	66.7	67.1	67.1	67.3	67.4	67.7	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0
≥ 900	64.9	66.9	67.4	67.4	67.5	67.6	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
≥ 800	66.5	68.6	69.0	69.0	69.1	69.3	69.6	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9
≥ 700	67.0	69.0	69.5	69.5	69.6	69.7	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
≥ 600	67.3	69.3	69.7	69.7	69.9	70.0	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
≥ 500	68.1	70.2	70.8	70.8	70.9	71.0	71.4	71.5	71.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9
≥ 450	68.7	70.8	71.4	71.4	71.6	71.7	72.1	72.2	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6
≥ 400	70.2	72.3	72.9	72.9	73.2	73.3	73.6	73.8	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1
≥ 350	71.0	73.2	73.8	73.8	74.0	74.1	74.5	74.6	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9
≥ 300	71.0	73.4	74.0	74.0	74.2	74.3	74.8	74.9	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4
≥ 250	71.6	74.0	74.6	74.6	74.8	74.9	75.4	75.5	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0
≥ 200	73.3	76.5	77.1	77.1	77.3	77.4	77.9	78.0	78.0	78.3	78.5	78.5	78.5	78.5	78.5	78.5
≥ 180	74.1	77.3	77.9	77.9	78.3	78.5	79.1	79.2	79.2	79.4	79.7	79.7	79.7	79.7	79.7	79.7
≥ 150	75.9	79.3	80.1	80.1	80.5	80.9	81.4	81.6	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0
≥ 75	77.1	82.0	83.6	83.7	84.0	84.6	85.3	85.5	85.5	85.7	86.1	86.1	86.1	86.1	86.1	86.1
≥ 100	77.8	83.5	85.0	85.2	86.3	87.0	87.8	87.9	87.9	88.2	88.7	88.7	88.8	88.8	88.8	88.8
≥ 900	77.8	83.5	86.3	86.7	87.2	88.1	89.0	89.1	89.1	89.4	89.8	89.8	90.0	90.0	90.0	90.0
≥ 800	77.8	83.8	86.9	87.6	87.9	89.0	90.2	90.3	90.3	90.5	91.0	91.0	91.1	91.1	91.1	91.1
≥ 700	77.8	83.9	87.1	88.1	88.5	89.8	91.3	91.5	91.6	91.8	92.3	92.3	92.4	92.4	92.4	92.4
≥ 600	77.8	84.4	88.2	89.1	90.0	91.4	93.0	93.4	93.5	93.7	94.3	94.3	94.4	94.4	94.4	94.4
≥ 500	77.8	84.5	88.5	89.6	90.8	92.4	94.1	94.7	94.8	95.0	95.6	95.6	95.7	95.7	95.7	95.7
≥ 450	77.8	84.5	88.7	90.0	91.3	92.1	93.0	93.9	96.6	96.9	97.5	97.5	97.6	97.8	97.8	97.8
≥ 300	77.8	84.5	88.7	90.1	91.5	93.5	95.7	96.6	97.4	98.1	98.8	98.8	98.9	99.1	99.1	99.1
≥ 200	77.8	84.5	88.7	90.1	91.5	93.5	95.7	96.6	97.4	98.2	99.5	99.6	99.8	99.9	99.9	99.9
≥ 100	77.8	84.5	88.7	90.1	91.5	93.5	95.7	96.6	97.4	98.2	99.5	99.6	99.8	99.9	99.9	99.9
≥ 0	77.8	84.5	88.7	90.1	91.5	93.5	95.7	96.6	97.4	98.2	99.5	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

8-72, 73-79

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
TIME PERIOD

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	20	25	24	23	22	27	21	24	2	24	24	2	2516	24	20
NO CEILING	57.1	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	65.2	67.1	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	65.8	67.7	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	66.0	67.8	68.1	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	66.4	68.4	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	67.6	69.9	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
≥ 10000	68.6	71.0	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000	68.7	71.4	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 8000	70.6	73.3	73.5	73.8	73.3	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	71.5	74.2	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	71.9	74.6	74.8	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	72.7	75.7	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.8	76.8
≥ 4500	72.9	75.9	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	77.0	77.1	77.1
≥ 4000	74.1	77.2	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.3	78.4	78.4	78.4
≥ 3500	74.7	77.8	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9	79.0	79.1
≥ 3000	75.3	78.4	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.7	79.8	79.8
≥ 2500	76.6	79.8	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.9	80.9	80.9	81.1	81.2	81.2	81.2
≥ 2000	78.3	81.9	82.5	82.7	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.3	83.5	83.5	83.5
≥ 1800	78.8	82.7	83.5	83.7	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.3	84.4	84.4	84.4
≥ 1500	79.7	84.5	85.3	85.7	85.8	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.3	86.4	86.4	86.4
≥ 1200	80.6	86.2	87.5	88.1	88.4	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.9	89.0	89.0	89.0
≥ 1000	81.0	87.1	88.7	89.5	90.2	90.5	90.8	90.8	90.8	90.9	90.9	90.9	91.1	91.2	91.3	91.3
≥ 900	81.0	87.2	88.9	89.8	90.5	90.9	91.3	91.4	91.4	91.5	91.6	91.6	91.8	92.0	92.0	92.0
≥ 800	81.3	87.8	89.6	90.7	91.5	91.8	92.2	92.3	92.3	92.4	92.6	92.6	92.8	92.9	92.9	92.9
≥ 700	81.3	88.1	90.3	91.6	92.8	93.1	93.7	94.0	94.0	94.2	94.3	94.3	94.6	94.7	94.7	94.7
≥ 600	81.3	88.4	90.8	92.1	93.3	93.7	94.4	95.0	95.0	95.3	95.6	95.6	95.9	96.0	96.0	96.0
≥ 500	81.3	88.8	91.4	92.7	94.2	94.9	95.7	96.6	96.7	97.0	97.4	97.4	97.6	97.8	97.8	97.8
≥ 400	81.4	88.9	91.5	92.8	94.4	95.4	96.6	97.6	97.8	98.2	98.7	98.7	98.9	99.1	99.1	99.1
≥ 300	81.4	88.9	91.5	92.8	94.6	95.5	96.8	97.9	98.0	98.7	99.2	99.2	99.4	99.5	99.5	99.5
≥ 200	81.4	88.9	91.5	92.8	94.6	95.5	96.8	97.9	98.0	98.7	99.2	99.2	99.4	99.6	99.8	99.8
≥ 100	81.4	88.9	91.5	92.8	94.6	95.5	96.8	97.9	98.0	98.7	99.2	99.2	99.5	99.9	100.0	100.0
≥ 0	81.4	88.9	91.5	92.8	94.6	95.5	96.8	97.9	98.0	98.7	99.2	99.2	99.5	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13965
STATION

F1 SILL AAF OK
AIRPORT NAME

68-70, 73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
TIME PERIOD

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	61.3	63.2	63.3	63.7	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	67.7	69.8	69.9	70.3	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 18000	68.2	70.2	70.3	70.8	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	68.2	70.2	70.3	70.8	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	68.7	70.8	70.9	71.4	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 12000	69.9	72.1	72.5	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	71.2	73.5	73.9	74.4	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	71.4	73.8	74.1	74.6	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	72.5	75.0	75.3	75.8	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 7000	73.0	75.4	75.8	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	73.7	76.2	76.5	77.0	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	73.9	76.7	77.1	77.6	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	74.5	77.5	77.8	78.3	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	75.3	78.3	79.2	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
≥ 3500	76.4	80.1	80.4	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	77.8	81.5	81.9	82.3	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2500	78.5	82.2	82.6	83.0	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.7	83.7	83.7
≥ 2000	79.1	82.9	83.3	83.7	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	80.3	84.1	85.2	85.6	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.4	86.4	86.4
≥ 1500	80.5	85.1	86.7	87.3	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9	88.0	88.0	88.0
≥ 1200	81.6	86.5	88.3	89.0	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.8	89.8	89.8
≥ 1000	81.6	86.7	88.6	89.6	90.4	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.5	91.5	91.5
≥ 900	81.6	86.8	88.8	89.8	90.9	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.9	92.2	92.2	92.2
≥ 800	81.7	87.1	89.2	90.2	91.2	91.5	92.1	92.3	92.3	92.3	92.3	92.3	92.4	92.6	92.6	92.6
≥ 700	82.1	87.7	90.0	91.0	92.2	92.4	93.1	93.4	93.4	93.4	93.6	93.6	93.7	94.0	94.0	94.0
≥ 600	82.1	87.9	90.5	91.6	92.8	93.1	94.0	94.2	94.2	94.2	94.5	94.7	94.8	95.0	95.0	95.0
≥ 500	82.1	88.0	90.6	91.9	93.7	94.1	95.4	95.6	95.7	96.1	96.3	96.4	96.7	96.7	96.7	96.7
≥ 400	82.1	88.0	90.6	92.1	94.2	94.9	96.7	97.0	97.3	97.9	98.2	98.3	98.5	98.6	98.6	98.6
≥ 300	82.1	88.0	90.6	92.1	94.2	94.9	96.9	97.4	97.6	98.6	98.9	99.1	99.3	99.3	99.3	99.3
≥ 200	82.1	88.0	90.6	92.1	94.2	94.9	96.9	97.7	98.0	98.9	99.3	99.4	99.6	99.6	99.6	99.6
≥ 100	82.1	88.0	90.6	92.1	94.2	94.9	96.9	97.7	98.0	98.9	99.3	99.4	99.9	99.9	100.0	100.0
≥ 0	82.1	88.0	90.6	92.1	94.2	94.9	96.9	97.7	98.0	98.9	99.3	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 843

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

68-70, 73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	62.8	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.0	66.1	66.1	66.1	66.1	66.1
≥ 2000	66.4	69.2	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.1	70.1	70.1	70.1	70.1
≥ 1800	67.3	70.0	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	71.1	71.2	71.2	71.2	71.2	71.2
≥ 1600	67.3	70.0	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	71.1	71.2	71.2	71.2	71.2	71.2
≥ 1400	67.4	70.1	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.2	71.3	71.3	71.3	71.3	71.3
≥ 1200	67.5	70.6	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.8	71.8	71.8	71.8	71.8
≥ 1000	68.1	71.2	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.4	72.4	72.4	72.4	72.4
≥ 900	68.1	71.2	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.4	72.4	72.4	72.4	72.4
≥ 800	68.7	72.0	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	73.1	73.2	73.2	73.2	73.2	73.2
≥ 700	69.4	73.1	73.5	73.9	74.0	74.0	74.1	74.3	74.3	74.3	74.5	74.6	74.6	74.6	74.6	74.6
≥ 600	70.3	74.1	74.6	75.0	75.1	75.1	75.2	75.3	75.3	75.3	75.6	75.7	75.7	75.7	75.7	75.7
≥ 500	71.5	75.3	75.8	76.2	76.3	76.3	76.4	76.5	76.5	76.5	76.7	76.9	76.9	76.9	76.9	76.9
≥ 4500	73.1	77.1	77.7	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.6	78.8	78.8	78.8	78.8	78.8
≥ 4000	73.9	77.9	78.5	78.9	79.0	79.0	79.1	79.2	79.2	79.4	79.6	79.7	79.7	79.7	79.7	79.7
≥ 3500	74.3	78.3	78.9	79.4	79.6	79.6	79.7	79.8	79.8	79.8	80.0	80.2	80.3	80.3	80.3	80.3
≥ 3000	74.9	78.9	79.5	80.0	80.2	80.3	80.4	80.5	80.5	80.7	80.9	81.0	81.0	81.0	81.0	81.0
≥ 2500	75.1	79.1	79.8	80.3	80.8	80.9	80.9	81.0	81.0	81.1	81.4	81.5	81.5	81.5	81.5	81.5
≥ 2000	75.9	80.3	81.4	81.9	82.3	82.3	82.6	82.7	82.7	82.8	83.0	83.2	83.2	83.2	83.2	83.2
≥ 1800	76.9	81.6	82.7	83.2	83.6	83.6	83.9	84.0	84.0	84.1	84.3	84.5	84.5	84.5	84.5	84.5
≥ 1500	77.9	83.4	84.7	85.2	85.6	85.6	85.9	86.0	86.0	86.1	86.4	86.5	86.5	86.5	86.5	86.5
≥ 1200	78.2	84.5	85.8	86.6	87.1	87.1	87.3	87.4	87.4	87.5	87.8	87.9	87.9	87.9	87.9	87.9
≥ 1000	78.2	84.9	86.2	87.2	87.7	87.7	88.0	88.1	88.1	88.3	88.5	88.6	88.6	88.6	88.6	88.6
≥ 900	78.2	84.9	86.4	87.3	87.9	87.9	88.3	88.4	88.4	88.5	88.7	88.8	88.8	88.8	88.8	88.8
≥ 800	78.5	85.4	87.0	88.1	89.2	89.3	89.8	90.2	90.2	90.3	90.5	90.6	90.6	90.6	90.6	90.6
≥ 700	78.5	85.8	87.3	88.7	90.2	90.3	90.7	91.2	91.2	91.3	91.6	91.7	91.7	91.7	91.7	91.7
≥ 600	78.6	86.1	88.1	89.6	91.0	91.2	91.8	92.3	92.4	92.5	92.8	92.9	92.9	92.9	92.9	92.9
≥ 500	78.6	86.4	88.6	90.2	91.7	92.1	92.9	93.5	93.6	93.7	94.0	94.1	94.1	94.1	94.1	94.1
≥ 400	78.8	86.5	88.7	90.7	92.3	92.6	93.8	94.4	94.5	94.8	95.1	95.3	95.5	95.5	95.5	95.5
≥ 300	78.8	86.5	88.8	90.9	92.6	93.1	94.8	95.8	96.1	96.4	96.6	96.9	97.2	97.2	97.2	97.2
≥ 200	78.8	86.5	88.8	90.9	92.6	93.1	94.9	96.3	96.6	97.2	97.7	97.9	98.3	98.3	98.3	98.3
≥ 100	78.8	86.5	88.8	90.9	92.6	93.1	94.9	96.7	96.9	97.5	98.1	98.3	98.9	98.9	99.2	99.3
U	78.8	86.5	88.8	90.9	92.6	93.1	94.9	96.7	96.9	97.5	98.1	98.3	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

68-70, 73-79
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥10	≥1	≥0
NO CEILING	57.1	58.9	59.3	59.5	59.7	59.8	59.9	60.0	60.1	60.1	60.3	60.3	60.4	60.4	60.5	60.5
≥ 2000	61.9	63.0	64.4	64.6	64.9	64.9	65.1	65.2	65.3	65.4	65.5	65.5	65.6	65.6	65.7	65.7
≥ 1800	62.3	64.4	64.8	65.0	65.3	65.4	65.5	65.7	65.7	65.8	65.9	65.9	66.1	66.1	66.1	66.2
≥ 1600	62.4	64.4	64.9	65.1	65.4	65.5	65.6	65.8	65.8	65.9	66.0	66.0	66.2	66.2	66.2	66.3
≥ 1400	62.9	65.0	65.5	65.7	66.0	66.0	66.3	66.4	66.4	66.5	66.6	66.7	66.8	66.8	66.8	66.9
≥ 1200	64.0	66.2	66.7	66.9	67.2	67.3	67.5	67.6	67.6	67.7	67.9	67.9	68.0	68.0	68.1	68.1
≥ 1000	65.2	67.5	68.0	68.2	68.6	68.6	68.8	69.0	69.0	69.1	69.2	69.3	69.4	69.4	69.4	69.5
≥ 900	65.4	67.6	68.2	68.4	68.7	68.8	69.0	69.1	69.2	69.3	69.4	69.4	69.5	69.6	69.6	69.6
≥ 800	66.5	68.9	69.4	69.7	70.0	70.1	70.3	70.4	70.4	70.5	70.6	70.7	70.8	70.8	70.8	70.9
≥ 700	67.1	69.6	70.2	70.5	70.8	70.9	71.1	71.3	71.3	71.4	71.5	71.6	71.7	71.7	71.7	71.8
≥ 600	67.7	70.2	70.8	71.0	71.4	71.5	71.7	71.9	71.9	72.0	72.1	72.2	72.3	72.3	72.3	72.4
≥ 500	68.6	71.1	71.8	72.1	72.5	72.6	72.8	73.0	73.0	73.1	73.2	73.3	73.4	73.4	73.5	73.5
≥ 450	69.0	71.7	72.4	72.7	73.1	73.2	73.4	73.6	73.6	73.7	73.9	73.9	74.0	74.1	74.1	74.1
≥ 400	69.9	72.7	73.5	73.8	74.2	74.3	74.5	74.7	74.7	74.9	75.0	75.0	75.2	75.2	75.2	75.3
≥ 3500	70.5	73.5	74.3	74.6	75.1	75.2	75.4	75.6	75.6	75.7	75.9	75.9	76.0	76.1	76.1	76.1
≥ 3000	71.3	74.4	75.2	75.5	76.0	76.1	76.4	76.6	76.6	76.7	76.9	76.9	77.1	77.1	77.1	77.2
≥ 2500	72.2	75.4	76.3	76.7	77.2	77.3	77.6	77.8	77.8	78.0	78.1	78.1	78.3	78.3	78.3	78.4
≥ 2000	73.7	77.2	78.2	78.6	79.2	79.3	79.6	79.8	79.8	80.0	80.1	80.1	80.3	80.3	80.4	80.4
≥ 1800	74.4	78.1	79.2	79.7	80.2	80.4	80.7	80.9	80.9	80.9	81.1	81.2	81.2	81.4	81.5	81.5
≥ 1500	75.2	79.7	80.9	81.5	82.1	82.3	82.6	82.8	82.8	82.9	83.1	83.1	83.3	83.3	83.3	83.4
≥ 1000	76.1	81.2	82.7	83.5	84.1	84.4	84.8	84.9	84.9	85.1	85.3	85.3	85.5	85.6	85.6	85.7
≥ 900	76.5	82.3	83.9	84.8	85.6	85.9	86.5	86.6	86.6	86.8	87.0	87.1	87.3	87.3	87.4	87.4
≥ 800	76.6	82.5	84.3	85.3	86.2	86.5	87.1	87.3	87.4	87.5	87.8	87.8	88.0	88.1	88.1	88.2
≥ 700	76.8	83.0	85.0	86.1	87.1	87.6	88.3	88.6	88.6	88.8	89.0	89.1	89.3	89.3	89.4	89.4
≥ 600	76.9	83.3	85.5	86.7	88.0	88.5	89.3	89.7	89.8	90.0	90.2	90.3	90.5	90.5	90.6	90.6
≥ 500	77.0	83.6	86.1	87.4	88.8	89.4	90.4	90.8	90.9	91.2	91.5	91.5	91.7	91.8	91.8	91.9
≥ 400	77.0	83.9	86.5	88.0	89.7	90.5	91.6	92.2	92.4	92.7	93.0	93.1	93.3	93.4	93.4	93.5
≥ 300	77.1	84.0	86.7	88.4	90.5	91.4	92.8	93.6	93.9	94.3	94.7	94.8	95.0	95.1	95.2	95.3
≥ 200	77.1	84.0	86.9	88.8	91.0	92.1	93.8	95.0	95.4	96.2	96.8	96.8	97.1	97.2	97.3	97.4
≥ 100	77.1	84.0	86.9	88.8	91.0	92.1	94.0	95.4	95.9	96.9	97.7	97.8	98.3	98.6	99.0	99.3
≥ 0	77.1	84.0	86.9	88.8	91.0	92.1	94.0	95.4	95.9	96.9	97.8	97.8	98.4	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 6762

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1945
STATION

FT SILL AAF OK
STATION NAME

67-70,73-78
YEARS

HAR
UNIT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0.02	≥0.01
NO CEILING	64.6	65.5	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	65.9
≥ 20000	68.3	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	68.3	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	68.3	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	68.3	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	68.3	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000	70.3	71.2	71.4	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
≥ 9000	70.6	71.5	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	72.6	73.4	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	73.9
≥ 7000	74.3	75.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	76.1	77.2	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	77.2	78.6	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500	77.8	79.2	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	79.1	80.8	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	79.4	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	79.7	81.4	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	80.8	82.6	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	82.7	84.9	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	83.2	85.6	85.9	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500	84.5	87.0	87.5	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	85.3	88.2	88.9	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
≥ 1000	86.6	89.8	91.0	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	86.8	90.4	91.6	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	87.3	91.5	92.7	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	87.4	92.5	93.9	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	87.5	92.7	94.2	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	87.5	92.8	94.5	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	87.5	92.9	94.6	95.8	96.5	96.8	97.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	87.5	92.9	94.6	95.8	96.6	97.0	97.5	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200	87.5	92.9	94.6	95.8	96.6	97.0	97.5	97.6	97.8	98.2	98.3	98.4	98.5	98.7	98.7	98.7
≥ 100	87.5	92.9	94.6	95.8	96.6	97.0	97.5	97.6	97.8	98.2	98.4	98.6	98.9	99.5	99.7	99.7
≥ 0	87.5	92.9	94.6	95.8	96.6	97.0	97.5	97.6	97.8	98.2	98.4	98.6	99.1	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

07-70, 73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	> 0
NO CEILING	59.6	62.3	62.3	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.2
≥ 20000	62.9	65.6	65.9	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.6
≥ 18000	62.7	65.6	65.9	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.6
≥ 16000	62.9	65.6	65.9	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.6
≥ 14000	63.3	66.1	66.6	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.2
≥ 12000	63.8	66.6	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.6
≥ 10000	66.0	68.8	69.2	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.9
≥ 9000	66.3	69.1	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.2
≥ 8000	68.2	71.2	71.6	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.3
≥ 7000	68.7	71.7	72.2	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.8
≥ 6000	70.9	73.9	74.3	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	75.1
≥ 5000	72.0	75.2	75.7	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.6
≥ 4500	72.3	75.6	76.3	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.2
≥ 4000	73.8	77.1	78.0	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.8
≥ 3500	74.2	77.7	78.6	78.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.7
≥ 3000	75.3	78.3	79.6	80.2	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	81.0
≥ 2500	75.8	79.5	80.3	80.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.6
≥ 2000	77.8	81.5	82.4	82.9	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.8
≥ 1500	78.4	82.0	82.9	83.4	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.3
≥ 1000	80.5	84.2	85.1	85.7	86.3	86.7	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	87.0
≥ 750	81.5	85.2	86.2	86.9	87.5	87.8	87.8	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.3
≥ 600	82.6	86.9	88.2	89.1	90.0	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.8
≥ 450	83.0	87.5	88.9	89.9	90.8	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.5
≥ 300	83.7	89.1	90.5	91.5	92.4	92.7	92.7	92.7	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.1
≥ 150	84.2	90.0	91.5	92.7	93.5	93.9	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.3
≥ 100	84.5	90.5	92.0	93.2	94.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	95.1
≥ 500	84.7	91.7	92.9	94.2	95.4	95.7	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.1
≥ 400	86.7	91.2	93.0	94.5	95.8	96.3	96.6	96.8	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.1
≥ 300	84.7	91.3	93.1	94.6	95.9	96.5	96.7	97.0	97.2	97.2	97.2	97.3	97.6	97.6	97.6	97.7
≥ 200	84.7	91.3	93.1	94.6	95.9	96.5	96.8	97.1	97.3	97.3	97.3	98.5	98.6	98.6	98.6	99.1
≥ 100	84.7	91.3	93.1	94.6	95.9	96.5	96.8	97.1	97.3	97.3	98.5	98.7	98.8	98.8	99.2	99.5
≥ 0	84.7	91.3	93.1	94.6	95.9	96.5	96.8	97.1	97.3	97.3	98.0	98.7	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 330

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1945 FT. SILL AAF OK

67-70, 73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	>10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥ 10000	50.2	53.2	54.2	54.7	54.7	54.7	54.8	54.8	54.9	54.9	55.1	55.1	55.2	55.2	55.2	55.2
≥ 8000	53.5	57.0	58.0	58.5	58.5	58.5	58.6	58.6	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9
≥ 6000	53.5	57.0	58.0	58.5	58.5	58.5	58.6	58.6	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9
≥ 4000	54.0	57.4	58.4	58.9	58.9	58.9	59.0	59.0	59.1	59.1	59.2	59.2	59.4	59.4	59.4	59.4
≥ 3000	54.7	58.2	59.1	59.7	59.7	59.7	59.8	59.8	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1
≥ 2000	57.2	61.3	62.3	62.9	62.9	62.9	63.0	63.0	63.1	63.1	63.2	63.2	63.3	63.3	63.3	63.3
≥ 1500	58.1	62.3	63.2	63.9	63.9	63.9	64.0	64.0	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.3
≥ 1000	60.0	64.4	65.5	66.1	66.1	66.1	66.2	66.3	66.5	66.5	66.6	66.6	66.7	66.7	66.7	66.7
≥ 800	60.5	64.9	66.0	66.7	66.7	66.7	66.8	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2
≥ 600	61.6	66.2	67.3	68.0	68.2	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.7	68.7	68.7	68.7
≥ 500	63.2	68.4	69.6	70.3	70.6	70.6	70.8	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2
≥ 450	64.4	69.6	70.8	71.5	71.8	71.8	71.9	72.0	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4
≥ 400	65.3	70.6	71.9	72.7	73.1	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.7	73.7	73.7	73.7
≥ 350	65.7	71.1	72.4	73.1	73.5	73.5	73.7	73.8	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1
≥ 300	66.2	71.7	73.0	73.8	74.2	74.2	74.3	74.4	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7
≥ 250	67.5	73.1	74.6	75.4	75.8	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.3
≥ 200	70.4	76.7	78.2	79.1	79.6	79.6	79.7	79.8	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.1
≥ 180	71.2	77.5	79.2	80.1	80.6	80.6	80.8	80.9	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2
≥ 150	72.4	79.1	81.2	82.0	82.6	82.6	82.7	82.8	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1
≥ 120	73.8	80.9	82.9	83.8	84.3	84.3	84.4	84.7	84.8	84.8	84.9	84.9	85.1	85.1	85.1	85.1
≥ 100	74.5	82.7	85.1	86.0	86.8	86.8	86.9	87.1	87.2	87.3	87.3	87.4	87.4	87.5	87.5	87.5
≥ 90	75.2	83.5	86.0	87.0	87.7	87.8	88.1	88.2	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5
≥ 80	75.8	84.9	87.6	89.0	89.9	90.0	90.2	90.3	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6
≥ 70	75.9	85.5	88.4	89.9	90.9	91.0	91.2	91.3	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6
≥ 60	75.9	85.5	88.5	90.2	91.4	91.5	91.7	91.8	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1
≥ 50	76.1	85.9	88.9	91.3	92.8	93.2	93.7	93.9	94.1	94.1	94.2	94.2	94.4	94.4	94.4	94.4
≥ 40	76.1	86.0	89.2	91.9	94.1	94.8	95.5	96.0	96.3	96.3	96.5	96.5	96.7	96.7	96.8	96.8
≥ 30	76.3	86.2	89.5	92.2	94.7	95.6	96.3	97.1	97.4	97.5	97.6	97.6	97.8	97.8	98.0	98.0
≥ 20	76.3	86.2	89.5	92.2	94.7	95.7	96.7	97.4	97.8	98.1	98.4	98.4	98.6	98.6	98.8	98.8
≥ 10	76.3	86.2	89.5	92.2	94.7	95.7	96.7	97.4	97.8	98.1	98.6	98.6	98.8	98.8	99.1	99.1
≥ 0	76.3	86.2	89.5	92.2	94.7	95.7	96.7	97.4	97.8	98.1	98.6	98.6	98.8	98.8	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19845 FT SILL AAF TX STATION NAME

67-70, 73-78 YEAR

MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	49.0	50.9	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	53.8	54.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 8000	53.8	55.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 15000	53.8	55.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 14000	54.6	56.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 12000	55.5	57.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 10000	58.1	60.2	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	58.3	60.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	59.6	61.9	63.3	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
≥ 7000	60.6	63.0	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
≥ 6000	62.2	64.8	66.2	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 5000	63.4	66.3	67.7	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4500	64.3	67.3	68.7	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	65.3	68.4	70.0	70.4	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 3500	65.8	69.0	70.6	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3000	66.3	69.6	71.3	71.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2500	67.8	71.3	73.0	73.4	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 2000	69.2	73.3	75.3	75.7	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1500	70.5	74.6	76.6	77.0	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1000	72.0	77.8	80.6	81.2	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 900	74.4	80.4	83.3	84.2	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 800	75.7	82.0	85.0	86.7	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 700	75.5	82.9	86.9	88.2	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 600	75.7	83.8	88.3	89.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4
≥ 500	76.0	84.1	88.6	90.4	92.0	92.4	92.6	92.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 400	76.0	84.7	89.2	91.1	93.1	93.5	93.8	93.8	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	76.3	85.2	90.2	92.4	95.1	95.7	96.0	96.0	96.1	96.3	96.5	96.5	96.7	96.7	96.7	96.7
≥ 200	76.3	85.3	90.6	93.3	95.9	96.7	97.2	97.5	97.7	98.1	98.2	98.2	98.5	98.5	98.5	98.5
≥ 100	76.3	85.3	90.6	93.3	96.0	96.8	97.4	98.3	98.5	98.8	99.0	99.0	99.4	99.4	99.5	99.5
≥ 50	76.3	85.3	90.6	93.3	96.0	96.8	97.4	98.4	98.6	98.9	99.2	99.2	99.6	99.6	99.8	99.8
≥ 10	76.3	85.3	90.6	93.3	96.0	96.8	97.4	98.4	98.6	98.9	99.2	99.2	99.6	99.6	99.9	100.0
≥ 0	76.3	85.3	90.6	93.3	96.0	96.8	97.4	98.4	98.6	98.9	99.2	99.2	99.6	99.6	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

13945

FT SILL AAF OK

67-70,73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	20	≥4	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	52.9	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
18000	59.1	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
15000	59.2	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
14000	59.2	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
12000	59.6	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
10000	60.3	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
9000	62.7	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
8000	63.2	64.7	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
7300	65.2	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
6000	66.3	68.1	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
5000	66.9	68.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
4500	68.5	70.4	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
4000	70.0	72.2	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
3500	70.6	72.9	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
3000	71.7	74.0	74.6	74.8	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
2500	73.0	75.6	76.2	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
2000	75.8	78.5	79.1	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
1800	79.2	82.0	82.7	83.0	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
1500	79.7	83.0	83.7	84.0	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
1200	81.6	85.8	87.1	87.5	87.8	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
1000	82.6	87.8	89.4	90.0	90.4	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
900	82.7	88.6	90.3	91.2	91.7	91.8	92.0	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
800	82.9	89.7	91.5	92.4	92.9	93.0	93.4	93.5	93.5	93.8	93.9	93.9	93.9	93.9	94.0	94.0
700	83.1	90.3	92.4	93.5	94.2	94.3	94.8	94.9	94.9	95.3	95.4	95.4	95.4	95.4	95.5	95.5
600	83.1	90.6	92.7	94.1	95.3	95.7	96.2	96.5	96.5	96.8	96.9	96.9	96.9	96.9	97.0	97.0
500	83.1	90.6	92.7	94.3	96.1	96.6	97.2	97.4	97.4	98.0	98.1	98.1	98.1	98.1	98.2	98.2
400	83.1	90.9	93.3	95.2	97.2	97.6	98.3	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.2	99.2
300	83.1	90.9	93.3	95.2	97.2	97.6	98.4	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.8	99.8
200	83.1	90.9	93.3	95.2	97.2	97.6	98.4	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.9	99.9
100	83.1	90.9	93.3	95.2	97.2	97.6	98.4	98.9	98.9	99.5	99.7	99.7	99.7	99.7	100.0	100.0
0	83.1	90.9	93.3	95.2	97.2	97.6	98.4	98.9	98.9	99.5	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT. SILL AAF OK

67-70, 73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 0
NO CEILING	57.7	58.6	58.7	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 2000	64.6	65.5	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 1800	64.8	65.7	65.9	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1600	65.1	65.9	66.1	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1400	65.6	66.5	66.7	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 1200	66.2	67.2	67.5	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
≥ 1000	67.8	69.1	69.4	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0
≥ 800	69.5	70.8	71.0	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
≥ 600	71.0	72.4	72.6	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
≥ 400	72.0	73.5	73.8	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 200	73.5	75.3	75.5	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
≥ 100	74.9	76.9	77.1	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	75.6	77.6	77.8	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	77.1	79.4	79.7	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3500	77.5	80.0	80.3	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	78.8	81.5	81.9	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2500	81.0	83.4	83.8	84.1	84.4	84.6	84.6	84.6	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	83.2	86.5	87.0	87.4	87.7	87.8	87.8	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1800	84.2	87.7	88.5	88.9	89.4	89.5	89.5	89.5	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1600	85.6	89.5	90.6	91.2	91.7	91.8	91.8	91.8	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1400	85.9	90.2	91.6	92.3	93.1	93.2	93.2	93.2	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	86.3	90.6	92.2	93.0	94.0	94.1	94.1	94.1	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	86.5	90.8	92.6	93.5	94.9	95.1	95.1	95.1	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	86.6	91.1	93.1	94.1	95.5	95.6	95.6	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	86.6	91.1	93.2	94.3	95.8	95.9	95.9	95.9	95.9	95.9	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	86.7	91.2	93.3	94.7	96.3	96.7	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	86.7	91.2	93.3	94.7	96.3	96.7	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6
≥ 100	86.7	91.2	93.4	95.1	96.8	97.2	98.0	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	86.7	91.3	93.5	95.2	96.9	97.4	98.2	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	86.7	91.3	93.5	95.2	96.9	97.4	98.2	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	86.7	91.3	93.5	95.2	96.9	97.4	98.2	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	86.7	91.3	93.5	95.2	96.9	97.4	98.2	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1994 FT SILL AAF OK

67-70, 73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	>1	≥4	≥3	≥2	≥1	≥1	≥0
NO CEILING (≥2000)	59.6	60.1	60.9	61.5	61.7	62.0	62.2	62.2	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5
≥800	64.8	65.8	66.6	67.3	67.5	67.8	68.0	68.0	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3
≥600	65.1	66.0	66.8	67.5	67.7	68.1	68.2	68.2	68.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5
≥400	65.6	66.6	67.3	68.1	68.3	68.6	68.7	68.7	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0
≥200	66.1	67.2	68.0	68.7	68.9	69.2	69.4	69.4	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7
≥1000	67.4	68.5	69.2	70.0	70.2	70.5	70.6	70.6	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0
≥900	68.9	70.0	70.8	71.5	71.7	72.0	72.2	72.2	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5
≥800	70.0	71.1	71.8	72.6	72.8	73.1	73.2	73.2	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5
≥700	70.6	71.9	72.7	73.4	73.7	74.0	74.1	74.1	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4
≥600	72.2	73.6	74.3	75.1	75.2	75.6	75.7	75.7	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0
≥500	73.4	74.7	75.7	76.5	76.7	77.1	77.2	77.2	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5
≥4500	74.7	76.0	77.0	77.7	78.0	78.4	78.5	78.5	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8
≥4000	76.0	77.3	78.3	79.0	79.2	79.7	79.8	79.8	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1
≥3500	77.3	78.6	79.6	80.3	81.0	81.4	81.5	81.5	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8
≥3000	78.3	79.9	81.0	81.9	82.2	82.6	82.7	82.7	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0
≥2500	79.6	81.5	82.7	83.8	84.1	84.5	84.6	84.6	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9
≥2000	81.2	83.4	84.6	85.8	86.1	86.6	86.7	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0
≥1800	82.5	84.9	86.2	87.5	87.8	88.3	88.4	88.4	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7
≥1500	82.9	85.8	87.2	88.5	88.8	89.2	89.4	89.4	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7
≥1200	84.3	87.6	89.0	90.4	90.9	91.4	91.6	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9
≥1000	84.6	88.3	89.9	91.4	91.9	92.5	92.7	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0
≥900	84.8	88.5	90.3	91.9	92.7	93.2	93.4	93.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9
≥800	85.3	89.0	90.9	92.7	93.5	94.1	94.3	94.5	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9
≥700	85.4	89.8	91.6	93.4	94.5	94.9	95.3	95.7	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2
≥600	85.4	89.8	91.6	93.5	94.6	95.2	95.5	95.9	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5
≥500	85.4	89.8	91.8	93.9	95.2	95.8	96.1	96.6	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1
≥400	85.5	90.1	92.2	94.5	96.2	96.9	97.2	97.6	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2
≥300	85.5	90.1	92.2	94.6	96.3	97.1	97.5	98.2	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1
≥200	85.5	90.1	92.2	94.7	96.6	97.3	97.8	98.5	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7
≥100	85.5	90.1	92.2	94.7	96.6	97.3	97.8	98.5	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7
≥50	85.5	90.1	92.2	94.7	96.6	97.3	97.8	98.5	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1945 FT SILL AAF OK

67-70, 73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1/2	≥1/2	≥1/2	≥0
NO CEILING - 20000	64.6	66.3	66.6	66.8	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
M 18000 8000	68.0	69.9	70.1	70.4	70.5	70.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
M 14000 12000	68.3	70.2	70.4	70.8	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
M 10000 9000	71.3	73.3	73.5	73.9	74.0	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
M 8000	72.7	74.7	74.9	75.3	75.4	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
M 6000 5000	74.2	76.2	76.5	76.8	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
M 4500 4000	76.9	79.2	79.6	79.9	80.0	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
M 3500 3000	78.5	80.9	81.2	81.6	81.7	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
M 2500 2000	79.7	82.0	82.4	82.8	82.9	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
M 1800 1500	80.1	82.7	83.1	83.5	83.7	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
M 1200 1000	82.5	85.4	85.8	86.5	86.6	86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
M 900 800	83.5	86.6	87.0	87.6	87.7	87.8	87.8	87.9	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1
M 700 600	84.1	87.4	87.8	88.5	88.6	88.7	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
M 500 400	85.6	89.5	89.9	90.6	90.9	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
M 300 200	86.5	90.8	91.3	92.0	92.3	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
M 100 0	87.0	91.4	92.3	93.0	93.2	93.3	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
	87.2	91.7	92.7	93.4	93.8	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	87.5	92.2	93.1	93.9	94.2	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
	87.5	92.3	93.3	94.1	94.4	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
	87.5	92.4	93.5	94.6	95.1	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	87.6	92.6	94.1	95.7	96.3	96.5	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
	87.6	92.6	94.2	95.9	96.8	97.1	97.3	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
	87.6	92.6	94.2	96.0	96.9	97.4	97.8	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
	87.6	92.6	94.2	96.0	96.9	97.4	97.8	99.1	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8
	87.6	92.6	94.2	96.0	96.9	97.4	97.8	99.1	99.5	99.6	99.6	99.6	99.8	99.9	100.0	100.0
	87.6	92.6	94.2	96.0	96.9	97.4	97.8	99.1	99.5	99.6	99.6	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

7-70, 73-73

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING ≥ 2000	57.3	58.9	59.4	59.6	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
1800	61.9	63.6	64.1	64.4	64.5	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8
1600	61.9	63.7	64.2	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8
1400	62.0	63.8	64.3	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9
1200	62.5	64.3	64.8	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
1000	63.3	65.1	65.7	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
900	65.3	67.3	67.8	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5
8000	66.0	68.0	68.5	68.8	68.8	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2
7000	57.5	60.6	70.2	70.5	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9
6000	66.6	70.8	71.4	71.7	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1
5000	70.0	72.3	73.0	73.3	73.5	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8
4500	71.3	73.8	74.5	74.9	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4
4000	72.2	74.8	75.5	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4
3500	73.4	76.1	76.9	77.3	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
3000	74.0	76.8	77.6	78.1	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7
2500	74.9	77.9	78.7	79.2	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8
2000	76.5	79.7	80.6	81.1	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
1800	78.6	82.1	83.0	83.6	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3
1500	79.2	83.0	84.0	84.6	85.0	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
1200	80.9	85.1	86.4	87.1	87.5	87.7	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
1000	81.8	86.5	87.9	88.7	89.3	89.4	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
800	82.4	87.6	89.4	90.3	90.9	91.1	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6
700	82.8	88.2	90.1	91.1	91.9	92.0	92.3	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6
600	83.1	89.1	91.2	92.3	93.1	93.3	93.6	93.7	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0
500	83.3	89.5	91.7	93.0	93.9	94.2	94.5	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.0
400	83.3	89.7	91.7	93.4	94.6	94.9	95.2	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.8
300	83.5	90.0	92.4	94.2	95.7	96.0	96.4	96.6	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.1
200	83.5	90.0	92.6	94.5	96.2	96.7	97.2	97.6	97.8	98.0	98.1	98.2	98.2	98.2	98.3	98.3
100	83.5	90.1	92.6	94.6	96.3	96.9	97.5	98.1	98.3	98.6	98.8	98.8	98.8	98.9	98.9	99.0
0	83.5	90.1	92.6	94.6	96.3	97.0	97.6	98.2	98.5	98.8	99.1	99.1	99.3	99.4	99.5	99.6
	83.5	90.1	92.6	94.6	96.3	97.0	97.6	98.2	98.5	98.8	99.2	99.2	99.4	99.6	99.8	99.9
	83.5	90.1	92.6	94.6	96.3	97.0	97.6	98.2	98.5	98.8	99.2	99.2	99.4	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING ≥ 20000	62.6	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
18000 16000	65.8	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
14000 12000	65.8	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
10000 9000	67.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
8000 7000	69.6	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
6000 5000	72.3	75.9	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
4500 4000	76.0	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
3500 3000	79.2	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
2500 2000	80.8	86.7	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
1800 500	83.2	89.3	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
700 1000	85.4	92.2	92.4	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
900 800	86.2	93.7	94.0	94.6	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
700 600	86.7	94.3	94.9	95.4	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
500 400	87.3	96.0	96.6	97.2	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
300 200	87.7	96.3	96.9	97.6	98.3	98.7	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1
100 0	87.7	96.3	96.9	97.6	98.3	98.7	98.8	98.9	98.9	99.3	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	60.2	62.8	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
≥ 2000	63.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1800	63.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1600	63.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1400	63.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1200	64.4	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 1000	66.6	70.0	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
≥ 900	66.7	70.2	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
≥ 800	67.4	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 700	67.9	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 600	69.2	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 500	70.6	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	75.1	75.1
≥ 450	71.8	76.3	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
≥ 400	73.9	78.7	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 350	75.1	80.3	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 300	76.0	81.3	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 250	77.1	82.6	82.8	82.8	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 200	78.4	84.2	84.6	84.7	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	79.0	84.9	85.2	85.3	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	80.9	87.2	87.7	87.8	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	82.1	89.4	90.0	90.1	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	83.0	91.2	92.0	92.1	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
≥ 900	83.4	92.1	92.9	93.0	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9
≥ 800	83.6	92.7	93.4	93.6	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
≥ 700	84.2	93.3	94.2	94.3	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 600	84.6	93.7	94.7	94.8	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 500	84.9	94.4	95.7	95.9	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.1	97.1
≥ 400	85.0	94.8	96.0	96.3	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.6	97.6
≥ 300	85.0	94.9	96.2	96.6	97.3	97.4	97.7	97.8	97.9	98.0	98.0	98.1	98.2	98.2	98.3	98.3
≥ 200	85.0	94.9	96.2	96.6	97.3	97.4	97.8	97.9	98.0	98.2	98.0	98.8	99.0	99.1	99.2	99.2
≥ 100	85.0	94.9	96.2	96.6	97.3	97.4	97.8	98.0	98.1	98.4	99.0	99.0	99.2	99.4	99.6	99.7
≥ 0	85.0	94.9	96.2	96.6	97.3	97.4	97.8	98.0	98.1	98.4	99.0	99.0	99.4	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14945 FT SILL AAF DK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
≥ 20000	50.4	54.0	55.3	56.3	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	54.4	59.0	60.4	61.7	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000	54.4	59.1	60.6	61.8	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	55.1	60.0	61.4	62.7	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	55.8	60.7	62.2	63.4	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 11000	58.0	63.2	64.8	66.1	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	58.1	63.3	64.9	66.2	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000	60.1	65.4	67.0	68.3	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	60.6	66.2	67.8	69.3	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	61.9	67.7	69.3	70.9	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	64.1	70.1	71.8	73.4	74.0	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	65.4	71.6	73.2	75.1	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	66.3	72.7	74.4	76.3	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	66.7	73.2	75.0	76.9	77.7	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	67.4	74.0	75.8	77.8	78.6	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2500	68.1	75.1	77.1	79.2	80.0	80.2	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	70.3	77.9	80.0	82.1	82.9	83.1	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	71.1	79.0	81.1	83.2	84.1	84.3	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	72.7	81.2	83.4	85.6	86.7	86.9	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	73.3	82.3	84.9	87.1	88.3	88.6	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1000	74.2	84.1	86.8	89.1	90.3	90.6	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	74.6	84.7	87.6	90.0	91.2	91.4	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 800	74.8	85.2	88.3	90.8	92.1	92.3	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 700	74.9	85.8	89.0	91.7	93.1	93.3	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500	74.9	86.0	89.7	92.7	94.7	95.0	95.4	95.4	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 300	75.0	86.1	89.9	93.2	95.8	96.1	96.6	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 200	75.0	86.3	90.3	94.1	96.8	97.2	97.7	97.7	97.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3
≥ 100	75.0	86.3	90.3	94.1	96.8	97.2	97.8	97.8	97.8	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 0	75.0	86.3	90.3	94.1	96.8	97.2	97.8	97.8	97.8	98.3	98.3	98.3	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	54.0	55.4	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
≥ 20000	58.9	60.6	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	59.1	60.8	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 16000	59.3	61.0	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	59.6	61.2	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	60.7	62.4	63.3	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	63.0	64.9	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
≥ 9000	63.0	65.0	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	64.9	67.0	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	66.4	68.9	70.0	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
≥ 6000	67.7	70.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	68.9	71.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	69.6	72.7	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4000	70.1	73.6	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3500	70.9	74.6	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	71.8	75.6	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	73.7	78.6	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2000	77.0	82.4	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	77.6	83.3	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	79.1	86.1	88.3	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200	80.6	88.1	90.3	90.3	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	81.7	90.1	92.6	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	82.2	91.1	93.9	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	82.7	92.1	95.1	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	82.7	92.2	95.3	95.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	82.7	92.3	95.4	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	82.7	92.6	95.8	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	82.7	92.6	96.0	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	82.7	92.6	96.0	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 200	82.7	92.6	96.0	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 100	82.7	92.6	96.0	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 0	82.7	92.6	96.0	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF-ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURLY

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0
NO CEILING	55.6	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 20000	63.2	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 18000	63.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	63.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	65.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	67.6	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000	68.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 8000	69.9	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
≥ 7000	70.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	71.9	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 5000	72.9	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4500	73.7	75.5	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4000	75.3	77.2	78.0	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	78.4	80.3	81.1	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	80.9	83.0	83.8	83.8	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	83.0	85.3	86.1	86.2	86.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	85.1	88.8	89.5	89.7	90.1	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	85.7	89.5	90.3	90.4	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	87.3	92.0	92.8	92.9	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	88.3	93.5	94.3	94.5	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	89.0	95.1	95.9	96.4	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	89.2	95.6	96.4	97.0	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	89.3	96.1	97.1	97.7	98.2	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	89.3	96.2	97.2	97.9	98.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	89.3	96.3	97.3	98.2	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	89.3	96.3	97.3	98.3	99.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	89.3	96.3	97.3	98.4	99.1	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	89.3	96.3	97.3	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.3	96.3	97.3	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.3	96.3	97.3	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.3	96.3	97.3	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13945
STATION

F3 SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING, FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	>1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	56.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 2000	64.2	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 1800	64.4	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	65.9	65.9
≥ 1500	64.4	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	65.9	65.9
≥ 1400	64.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 1200	66.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 1000	69.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 900	70.2	71.7	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
≥ 800	72.6	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 700	74.3	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 600	75.4	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 500	77.3	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	78.6	80.1	80.3	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
≥ 4000	81.7	83.3	83.6	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
≥ 3500	83.4	85.3	85.6	85.6	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	86.0	88.2	88.4	88.6	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	87.3	90.0	90.2	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
≥ 2000	89.3	92.2	92.6	92.7	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	89.7	92.6	92.9	93.1	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	90.6	94.1	94.4	94.8	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	90.9	94.8	95.4	95.0	95.9	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	91.3	95.3	96.3	96.7	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	91.3	95.3	96.3	96.8	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	91.4	95.7	96.9	97.6	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	91.4	95.7	97.1	97.8	98.1	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	91.6	95.9	97.3	98.1	98.4	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	91.6	95.9	97.3	98.1	98.6	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	91.6	96.0	97.4	98.2	98.7	98.7	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	91.6	96.0	97.4	98.2	98.7	98.7	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	91.6	96.0	97.4	98.2	98.7	98.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.6	96.0	97.4	98.2	98.7	98.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.6	96.0	97.4	98.2	98.7	98.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 600

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBLE STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	59.9	62.0	62.0	62.2	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 2000	67.8	70.1	70.1	70.3	70.4	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 1800	67.8	70.1	70.1	70.3	70.4	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 1600	67.9	70.2	70.2	70.4	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 1400	68.2	70.6	70.6	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 1200	69.4	72.0	72.0	72.2	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1000	71.4	73.9	73.9	74.1	74.3	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 800	71.9	74.3	74.3	74.6	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 600	74.0	76.4	76.4	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 400	75.1	77.7	77.7	77.9	78.1	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 200	76.3	79.0	79.0	79.3	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 100	79.0	81.8	81.8	82.1	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4500	80.3	83.3	83.3	83.7	84.2	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	81.8	84.9	85.0	85.3	85.9	86.0	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	83.2	86.4	86.7	87.0	87.6	87.7	87.7	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	84.1	87.6	87.9	88.2	88.9	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	85.2	89.3	89.7	90.0	90.7	90.8	90.8	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	86.9	91.8	92.0	92.6	93.2	93.3	93.3	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	87.0	91.9	92.3	92.9	93.6	93.7	93.7	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	87.9	93.7	94.3	94.9	95.6	95.7	95.7	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	88.2	94.0	94.8	95.3	96.1	96.2	96.2	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	88.3	94.4	95.3	95.9	96.7	96.8	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	88.4	94.7	95.6	96.4	97.2	97.3	97.4	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	88.4	94.8	95.7	96.6	97.3	97.4	97.6	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	88.6	95.0	96.0	96.9	97.8	97.9	98.0	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	88.7	95.4	96.6	97.4	98.3	98.4	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	88.7	95.4	96.6	97.6	98.4	98.8	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 50	88.7	95.4	96.7	97.6	98.4	98.9	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 10	88.7	95.4	96.7	97.7	98.7	99.1	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	88.7	95.4	96.7	97.7	98.7	99.1	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.7	95.4	96.7	97.7	98.7	99.1	99.2	99.8	99.8	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

13945

FT SILL AAF OK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 20	≥ 25	≥ 24	≥ 23	≥ 22	≥ 21	≥ 20	≥ 19	≥ 18	≥ 17	≥ 16	≥ 15	≥ 14	≥ 13	≥ 12
> 20000	63.1	64.8	65.2	65.4	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	66.2	70.3	70.8	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	68.2	70.3	70.8	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	68.2	70.3	70.8	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	68.6	70.7	71.1	71.3	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	70.0	72.7	73.1	73.3	73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	73.0	75.2	75.7	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	75.0	77.4	77.9	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000	77.1	79.6	80.0	80.3	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	78.7	81.4	81.9	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	80.3	83.2	83.8	84.1	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	81.2	84.6	85.1	85.4	85.4	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	81.9	85.4	86.1	86.7	86.7	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	83.0	86.8	87.4	88.0	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	84.2	88.2	89.0	89.6	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	85.6	89.8	90.6	91.1	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	85.8	90.2	91.0	91.6	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	86.8	92.0	92.8	93.3	93.4	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	87.6	93.3	94.1	94.7	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	88.9	95.0	95.8	96.3	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	89.2	95.4	96.2	96.8	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	89.3	95.9	96.8	97.3	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	89.4	96.2	97.1	97.7	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	89.8	96.6	97.6	98.1	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	89.8	96.8	97.8	98.3	98.4	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	89.8	96.8	97.8	98.3	98.4	98.8	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	89.8	97.0	98.1	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.8	97.0	98.1	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.8	97.0	98.1	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
> 0	89.8	97.0	98.1	98.7	99.3	99.6	99.6	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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1945 FT SILL AAF OK 67-70273-78 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATISTICS															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	57.7	59.7	60.1	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
≥ 20000	63.3	65.7	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 18000	63.3	65.7	66.1	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	63.4	65.8	66.2	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	63.6	66.1	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 12000	64.7	67.1	67.5	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 10000	66.4	69.4	69.8	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 9000	67.0	69.6	70.1	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 8000	68.9	71.6	72.0	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
≥ 7000	70.0	72.9	73.3	73.6	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	71.3	74.4	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	73.3	76.6	77.1	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	74.5	77.9	78.3	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	76.0	79.8	80.4	80.8	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	77.4	81.3	82.0	82.4	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	78.6	82.8	83.5	83.9	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	79.9	84.5	85.3	85.7	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	81.9	87.0	87.9	88.4	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	82.4	87.6	88.5	89.0	89.4	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	83.6	89.6	90.6	91.1	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	84.6	91.0	92.0	92.7	93.2	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	85.3	92.3	93.6	94.3	94.7	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	85.6	92.8	94.1	94.9	95.4	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	85.8	93.3	94.8	95.6	96.1	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	85.9	93.6	95.2	96.0	96.7	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	86.0	93.9	95.5	96.5	97.2	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 500	86.2	94.2	95.9	96.9	97.9	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	86.2	94.3	96.0	97.2	98.2	98.4	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	86.2	94.4	96.1	97.3	98.4	98.6	98.9	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 200	86.2	94.4	96.1	97.3	98.4	98.6	98.9	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8
≥ 100	86.2	94.4	96.1	97.3	98.4	98.6	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9
≥ U	86.2	94.4	96.1	97.3	98.4	98.6	98.9	99.3	99.3	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

07-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	60.6	62.0	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	62.5
≥ 20000	66.1	67.5	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	68.0
≥ 18000	66.1	67.5	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	68.0
≥ 16000	66.1	67.5	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	68.0
≥ 14000	66.6	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	
≥ 12000	68.0	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	
≥ 10000	69.6	71.2	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	
≥ 9000	69.7	71.3	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	
≥ 8000	72.6	74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	
≥ 7000	73.3	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	
≥ 6000	74.4	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	77.2	
≥ 5000	76.3	78.9	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	
≥ 4500	79.9	82.9	83.3	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	
≥ 4000	83.0	86.5	86.9	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	
≥ 3500	83.7	87.3	87.7	87.7	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	
≥ 3000	84.0	87.7	88.2	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	
≥ 2500	84.9	88.7	89.2	89.2	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	
≥ 2000	85.3	89.2	90.1	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	
≥ 1800	85.5	89.5	90.3	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	
≥ 1500	86.5	90.8	91.6	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	
≥ 1200	87.7	92.4	93.3	93.3	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	
≥ 1000	88.5	93.2	94.2	94.2	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	
≥ 900	88.8	93.7	94.6	94.6	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	
≥ 800	89.1	94.9	95.9	96.0	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	
≥ 700	89.1	95.1	96.1	96.2	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	
≥ 600	89.5	95.5	96.8	96.9	97.2	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	
≥ 500	89.7	95.9	97.2	97.3	97.7	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	
≥ 400	89.9	96.2	97.6	97.7	98.2	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	
≥ 300	89.9	96.3	97.8	98.0	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	
≥ 200	89.9	96.3	97.8	98.0	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	
≥ 100	89.9	96.3	97.8	98.0	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	
≥ 0	89.9	96.3	97.8	98.0	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1945

FT SILL AAF OK

67-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0	
NO CEILING	52.0	55.3	56.2	56.6	56.9	57.3	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.6	57.7
≥ 20000	56.6	59.2	60.2	60.5	60.9	61.3	61.3	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.7
≥ 18000	56.6	59.2	60.2	60.5	60.9	61.3	61.3	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.7
≥ 16000	56.6	59.2	60.2	60.5	60.9	61.3	61.3	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.7
≥ 4000	56.7	59.4	60.3	60.6	61.0	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.8
≥ 12000	57.6	60.4	61.4	61.7	62.0	62.5	62.5	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.8	62.9
≥ 10000	60.3	63.2	64.3	64.6	64.9	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.8
≥ 9000	61.5	64.4	65.5	65.8	66.1	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.9	67.0
≥ 8000	63.4	66.3	67.4	67.7	68.1	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.8	68.9
≥ 7000	64.6	67.5	68.6	68.9	69.2	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	70.0	70.1
≥ 6000	65.6	68.7	70.0	70.3	70.6	71.2	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.6
≥ 5000	67.6	70.9	72.2	72.5	72.9	73.4	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.8	73.9
≥ 4500	70.1	73.8	75.1	75.6	76.0	76.6	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9	77.0	77.1
≥ 4000	71.9	76.0	77.5	78.1	78.6	79.1	79.2	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.7
≥ 3500	73.2	77.4	78.9	79.5	80.0	80.5	80.6	80.8	80.8	80.8	80.8	80.9	80.9	80.9	81.0	81.1
≥ 3000	74.4	78.8	80.3	80.9	81.4	81.9	82.0	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.4	82.5
≥ 2500	76.0	80.6	82.2	82.7	83.2	84.0	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.5
≥ 2000	77.2	82.0	83.5	84.1	84.6	85.4	85.5	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.9
≥ 1800	77.6	82.5	84.0	84.5	85.1	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.3
≥ 1500	79.0	84.5	86.0	86.6	87.1	87.8	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.4
≥ 1200	80.5	86.6	88.3	88.8	89.4	90.1	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.5	90.6
≥ 1000	81.6	88.4	90.4	91.0	91.5	92.3	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.7	92.8
≥ 900	82.4	89.4	91.5	92.0	92.6	93.4	93.5	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.9	94.0
≥ 800	82.7	90.3	92.6	93.2	93.8	94.6	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	95.1	95.2
≥ 700	82.8	90.5	93.0	93.8	94.4	95.3	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.8
≥ 600	82.8	90.9	93.4	94.3	94.9	96.0	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.5	96.6
≥ 500	82.9	91.2	94.0	95.2	96.1	97.7	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.5
≥ 450	82.9	91.3	94.3	95.5	96.8	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.4
≥ 300	82.9	91.3	94.4	95.6	97.1	98.9	99.1	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.8
≥ 200	82.9	91.3	94.4	95.6	97.1	98.9	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.8
≥ 100	82.9	91.3	94.4	95.6	97.1	98.9	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.8
≥ 0	82.9	91.3	94.4	95.6	97.1	98.9	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS UT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	42.6	48.1	50.0	50.8	51.1	51.4	51.7	51.7	51.7	51.8	51.8	51.8	51.9	52.0	52.3	52.9
≥ 21000	48.2	53.9	55.9	56.7	57.1	57.5	57.8	57.8	57.8	58.0	58.0	58.0	58.1	58.2	58.4	58.9
IV 18000	48.3	54.0	56.0	56.8	57.2	57.6	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.3	58.5	59.0
IV 16000	48.3	54.0	56.0	56.8	57.2	57.6	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.3	58.5	59.0
IV 14000	48.4	54.1	56.1	56.9	57.3	57.7	58.1	58.1	58.1	58.2	58.2	58.2	58.3	58.4	58.6	59.1
IV 12000	49.2	54.9	57.0	57.7	58.2	58.6	58.9	58.9	58.9	59.0	59.0	59.0	59.1	59.2	59.5	60.0
IV 10000	51.0	56.9	59.1	60.0	60.4	60.9	61.2	61.2	61.2	61.3	61.3	61.3	61.4	61.5	61.7	62.3
IV 9000	51.8	57.7	60.0	60.9	61.3	61.7	62.0	62.0	62.0	62.2	62.2	62.2	62.3	62.4	62.6	63.1
IV 8000	54.2	60.1	62.4	63.2	63.7	64.1	64.4	64.4	64.4	64.5	64.5	64.5	64.6	64.7	64.9	65.5
IV 7000	55.9	62.0	64.4	65.3	65.7	66.1	66.5	66.5	66.5	66.6	66.6	66.6	66.7	66.8	67.0	67.5
IV 6000	57.2	63.4	65.8	66.8	67.2	67.6	68.0	68.0	68.0	68.1	68.1	68.1	68.2	68.3	68.5	69.0
IV 5000	58.5	64.8	67.3	68.4	68.8	69.2	69.6	69.6	69.6	69.7	69.7	69.7	69.8	69.9	70.1	70.6
IV 4500	59.4	66.0	68.5	69.6	70.1	70.5	71.1	71.1	71.1	71.2	71.2	71.2	71.3	71.4	71.6	72.2
IV 4000	60.4	67.2	69.7	70.9	71.5	71.9	72.5	72.6	72.6	72.7	72.7	72.7	72.8	72.9	73.1	73.7
IV 3500	61.4	68.4	71.0	72.2	72.8	73.2	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.2	74.4	74.9
IV 3000	61.5	68.5	71.2	72.4	73.0	73.4	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.4	74.6	75.2
IV 2500	63.0	71.0	73.9	75.3	76.1	76.6	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.5	77.7	78.3
IV 2000	65.2	73.2	76.3	77.7	78.7	79.1	79.7	79.9	79.9	80.0	80.0	80.0	80.1	80.2	80.4	81.0
IV 1800	65.4	73.5	76.9	78.3	79.2	79.7	80.2	80.4	80.4	80.5	80.5	80.5	80.6	80.8	81.0	81.5
IV 1500	66.8	75.8	79.7	81.1	82.3	82.7	83.3	83.5	83.5	83.7	83.7	83.7	83.8	83.9	84.1	84.6
IV 1200	68.2	78.0	82.3	83.7	84.8	85.4	86.0	86.3	86.3	86.5	86.5	86.5	86.6	86.7	87.0	87.5
IV 1000	69.4	80.1	84.4	85.8	87.2	87.7	88.6	88.9	88.9	89.0	89.0	89.0	89.1	89.2	89.6	90.1
IV 900	69.5	80.3	84.7	86.2	87.6	88.2	89.0	89.4	89.4	89.5	89.5	89.5	89.6	89.7	90.0	90.5
IV 800	69.7	81.4	86.0	87.5	88.9	89.6	90.4	90.9	90.9	91.0	91.0	91.0	91.1	91.2	91.5	92.0
IV 700	69.7	81.8	86.6	88.6	90.1	90.9	91.7	92.2	92.2	92.3	92.3	92.3	92.4	92.5	92.8	93.3
IV 500	69.8	82.2	87.1	89.2	90.8	91.5	92.5	93.0	93.0	93.1	93.1	93.1	93.2	93.3	93.7	94.2
IV 400	69.9	82.4	87.8	90.2	92.4	93.1	94.3	94.9	94.9	95.1	95.1	95.1	95.2	95.3	95.6	96.1
IV 300	70.0	82.7	88.5	91.1	93.3	94.3	96.2	97.0	97.1	97.4	97.4	97.4	97.5	97.6	98.0	98.5
IV 200	70.0	82.8	88.6	91.2	93.4	94.4	96.6	97.5	97.6	98.2	98.3	98.3	98.4	98.5	98.8	99.4
IV 100	70.0	82.8	88.6	91.2	93.4	94.5	96.7	97.6	97.7	98.3	98.4	98.4	98.5	98.7	99.0	99.8
IV 0	70.0	82.8	88.6	91.2	93.4	94.5	96.7	97.6	97.7	98.3	98.5	98.5	98.6	98.8	99.1	99.9
IV 0	70.0	82.8	88.6	91.2	93.4	94.5	96.7	97.6	97.7	98.3	98.5	98.5	98.6	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0	≥0
NO CEILING	49.2	51.5	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	55.6	58.1	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 18000	55.6	58.1	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 16000	55.7	58.2	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
IV 14000	56.3	58.8	59.1	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
IV 12000	58.8	61.3	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 10000	60.9	63.4	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 9000	61.5	64.1	64.4	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
IV 8000	63.3	66.0	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 7000	64.6	67.3	67.6	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
IV 6000	66.0	68.7	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 5000	67.1	70.0	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 4500	67.6	70.5	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 4000	68.7	72.0	72.7	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
IV 3500	69.9	73.2	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 3000	71.0	74.6	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 2500	74.6	78.7	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 2000	77.1	81.5	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
IV 1800	77.8	82.7	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 1500	81.0	86.9	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1200	82.9	89.6	91.1	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
IV 1000	83.3	91.5	93.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 900	83.3	91.8	93.4	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 800	83.5	92.6	94.3	95.4	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 700	83.5	93.1	95.2	96.2	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	83.5	93.3	95.8	97.0	97.5	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500	83.5	93.4	96.0	97.2	97.8	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	83.7	93.7	96.2	97.5	98.2	98.6	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	83.7	93.7	96.2	97.6	98.3	98.7	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	83.7	93.7	96.2	97.6	98.3	98.7	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	83.7	93.7	96.2	97.6	98.3	98.7	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	83.7	93.7	96.2	97.6	98.3	98.7	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	58.0	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	64.2	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 18000	64.3	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 16000	64.3	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 14000	65.1	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 12000	67.3	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 10000	69.0	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 9000	69.9	71.7	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
IV 8000	72.0	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	74.0	74.0
IV 7000	72.6	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 6000	73.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 5000	73.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 4500	74.6	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 4000	76.0	78.8	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 3500	78.0	80.9	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 3000	81.7	84.9	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 2500	84.1	87.6	87.7	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2000	86.8	90.6	90.9	91.0	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1800	87.1	91.2	91.4	91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1500	89.0	93.9	94.4	94.6	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1200	90.2	95.7	96.5	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1000	90.3	96.0	97.4	97.6	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	90.8	97.3	98.3	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	90.8	97.3	98.3	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	90.9	97.5	98.5	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	90.9	97.7	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	90.9	97.7	98.9	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	90.9	97.7	98.9	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	90.9	97.7	98.9	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	90.9	97.7	98.9	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	90.9	97.7	98.9	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	90.9	97.7	98.9	99.2	99.6	99.7	99.8	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
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	61.4	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	70.0	71.0	71.1	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
≥ 18000	70.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	70.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	70.8	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 12000	72.3	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	74.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 9000	75.6	76.7	76.8	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
≥ 8000	76.8	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	77.3	78.5	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
≥ 6000	78.8	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	80.2	81.6	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	81.7	83.3	83.4	83.7	83.7	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	83.5	85.5	85.7	85.9	85.9	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	85.6	87.8	88.1	88.3	88.3	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	88.1	90.4	90.6	90.9	90.9	90.9	90.9	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	89.5	91.9	92.2	92.4	92.6	92.7	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	90.0	92.8	93.1	93.3	93.7	93.8	93.8	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	90.5	93.4	94.1	94.3	94.6	94.7	94.7	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	91.9	95.3	95.9	96.2	96.6	96.7	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	92.0	95.9	96.6	97.1	97.4	97.5	97.5	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	92.5	96.6	97.4	97.8	98.2	98.3	98.3	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	92.6	96.8	97.6	98.1	98.4	98.5	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	92.7	97.1	98.0	98.4	98.8	98.9	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	92.7	97.1	98.0	98.4	98.8	98.9	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	92.7	97.1	98.0	98.4	98.8	99.0	99.0	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	92.7	97.2	98.1	98.5	98.9	99.1	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	92.7	97.2	98.2	98.6	99.0	99.2	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	92.7	97.2	98.2	98.6	99.0	99.2	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	92.7	97.2	98.2	98.6	99.0	99.2	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	92.7	97.2	98.2	98.6	99.0	99.2	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	92.7	97.2	98.2	98.6	99.0	99.2	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	64.2	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
IV 20000	73.4	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 18000	73.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 16000	73.9	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 14000	74.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 12000	75.1	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
IV 10000	76.8	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 9000	77.6	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
IV 8000	79.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 7000	80.1	81.4	81.6	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
IV 6000	80.9	82.2	82.5	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
IV 5000	82.6	84.7	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 4500	84.2	86.7	87.0	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
IV 4000	85.3	88.2	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 3500	86.6	89.7	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 3000	88.2	91.4	91.9	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
IV 2500	89.2	93.0	93.5	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
IV 2000	89.7	93.7	94.3	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1800	89.8	94.0	94.8	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1500	90.1	94.6	95.6	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
IV 1200	90.5	95.2	96.1	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1000	91.0	95.6	96.6	97.3	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	91.4	96.1	97.1	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	91.5	96.6	97.5	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	91.5	96.7	97.6	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	91.5	96.7	97.6	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	91.5	96.8	98.1	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	91.5	96.8	98.1	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	91.5	96.8	98.1	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	91.5	96.8	98.1	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	91.5	96.8	98.1	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	91.5	96.8	98.1	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	65.7	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	72.4	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	72.4	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	73.2	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	74.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	75.9	76.7	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	76.7	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	78.7	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	79.2	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 6000	80.1	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	81.5
≥ 5000	82.8	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	84.5	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4000	86.5	89.7	90.3	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
≥ 3500	87.1	90.6	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6
≥ 3000	87.8	91.5	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 2500	88.2	92.0	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1
≥ 2000	88.6	92.7	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2
≥ 1800	88.7	92.8	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3
≥ 1500	89.5	93.5	94.5	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 1200	90.0	94.2	95.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 1000	91.0	95.4	96.6	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 900	91.1	95.6	96.8	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 800	91.3	95.8	97.0	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 700	91.3	96.2	97.4	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 600	91.3	96.3	97.5	98.2	98.5	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 500	91.3	96.6	97.7	98.5	98.8	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 400	91.5	96.9	98.1	98.8	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥ 300	91.5	97.0	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 200	91.5	97.0	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 100	91.5	97.0	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	91.5	97.0	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

07-70, 73-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS OF DAY

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0	
NO CEILING ≥ 20000	56.8	58.8	59.2	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8
18000	63.4	65.5	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5
16000	63.5	65.6	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5
14000	63.9	66.0	66.4	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0
12000	65.3	67.4	67.9	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.6
10000	67.3	69.5	70.0	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.7
9000	68.0	70.3	70.8	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.5
8000	70.0	72.3	72.9	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.6
7000	71.0	73.4	73.9	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.7
5000	72.0	74.5	75.1	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.9
5000	73.6	76.5	77.1	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.9
4500	75.3	78.4	79.1	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	80.0
4000	76.9	80.5	81.3	81.6	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.3
3500	78.2	81.9	82.8	83.1	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.8
3000	79.6	83.5	84.4	84.7	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.5
2500	81.2	85.5	86.4	86.8	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.7
2000	82.5	87.0	88.0	88.5	88.9	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.5
1800	82.8	87.4	88.6	89.1	89.5	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1
1500	84.2	89.4	90.7	91.3	91.7	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.3
1200	85.3	90.9	92.4	93.0	93.4	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.1
1000	85.9	92.2	93.7	94.4	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.5
900	86.2	92.6	94.3	94.9	95.4	95.6	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1
800	86.4	93.3	94.9	95.6	96.1	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	97.0
700	86.4	93.5	95.3	96.0	96.6	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.5
600	86.5	93.7	95.6	96.5	97.0	97.4	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.1
500	86.5	93.9	95.9	96.8	97.5	97.9	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.7
400	86.6	94.0	96.2	97.1	97.9	98.4	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.4
300	86.6	94.1	96.3	97.2	98.0	98.6	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.8
200	86.6	94.1	96.3	97.2	98.1	98.6	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.9
100	86.6	94.1	96.3	97.2	98.1	98.6	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.9
0	86.6	94.1	96.3	97.2	98.1	98.6	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70,73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	76.3	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
18000 16000	82.7	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
14000 12000	82.7	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
10000 9000	83.0	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
8000 7000	83.4	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
6000 5000	85.2	86.4	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	86.9
4500 4000	85.2	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
3500 3000	87.7	89.0	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	89.6
2500 2000	88.0	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
1800 1500	88.6	90.3	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	90.9
1200 1000	89.7	91.4	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	92.0
900 800	90.9	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
700 600	93.2	95.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
500 400	93.8	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
300 200	94.2	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
180 150	94.6	97.1	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
120 100	94.8	97.3	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
90 80	94.9	97.4	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	98.1
70 60	94.9	97.4	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	98.1
50 40	95.6	98.1	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	98.8
30 20	95.6	98.1	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	98.8
15 10	96.0	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
5 0	96.0	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	96.0	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	96.2	99.2	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	100.0
0	96.2	99.2	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	100.0
0	96.2	99.2	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	100.0
0	96.2	99.2	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	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	70.3	72.9	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 20000	75.9	78.6	79.2	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
IV 18000	75.9	78.6	79.2	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
IV 16000	75.9	78.6	79.2	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
IV 14000	76.4	79.1	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 12000	76.8	79.6	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 10000	79.3	82.1	82.8	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
IV 9000	79.3	82.1	82.8	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
IV 8000	81.0	83.9	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	84.9
IV 7000	81.8	85.1	85.8	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
IV 6000	82.8	86.2	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 5000	83.8	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
IV 4500	84.7	88.3	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 4000	86.2	90.2	91.3	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3500	86.6	90.6	91.8	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3000	87.2	91.3	92.6	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2500	88.4	92.6	93.8	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	89.4	93.6	94.8	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1800	89.8	93.9	95.1	95.3	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1500	90.8	94.9	96.1	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1200	91.2	95.3	96.6	96.8	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	91.8	95.9	97.1	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	92.2	96.3	97.6	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	92.2	96.3	97.6	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	92.2	96.4	97.7	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	92.4	96.8	98.0	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	92.6	97.2	98.6	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	92.7	97.4	98.8	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	92.7	97.4	98.9	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	92.7	97.4	98.9	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	92.7	97.4	98.9	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	92.7	97.4	98.9	99.2	99.8	99.8	99.8	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

13945
STATION

FT SILL AAF OK
STATION NAME

67-70,73-78
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	55.3	59.3	60.8	61.2	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	60.9	65.4	67.0	67.7	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000	60.9	65.4	67.0	67.7	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	60.9	65.4	67.0	67.7	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	61.7	66.2	67.0	68.4	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	63.3	67.9	69.6	70.2	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	66.9	71.8	73.6	74.4	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	67.2	72.1	73.9	74.8	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	70.1	75.0	76.8	77.7	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	70.6	75.6	77.3	78.2	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	71.9	76.9	78.7	79.6	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	73.3	78.4	80.3	81.3	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	73.8	79.0	80.9	81.9	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000	74.7	79.9	81.8	82.9	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	75.2	80.4	82.3	83.4	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	75.7	80.9	82.8	83.9	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	76.3	81.8	83.7	84.8	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	77.9	83.6	85.4	86.7	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	78.6	84.3	86.2	87.4	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	80.8	87.2	89.1	90.3	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	81.3	88.2	90.2	91.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	82.4	89.8	92.1	93.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	82.9	90.6	93.0	94.2	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	83.4	91.1	93.6	95.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	83.6	91.7	94.4	95.9	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	83.6	91.7	94.6	96.3	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	83.6	91.7	94.6	96.6	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	83.6	91.8	95.0	97.2	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	83.6	91.8	95.0	97.2	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 200	83.6	91.8	95.0	97.2	98.8	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 100	83.6	91.8	95.0	97.2	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0
≥ 0	83.6	91.8	95.0	97.2	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 STATION FT SILL AAF OK

67-70,73-78 YEAR

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING ≥ 20000	61.7	62.8	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 18000	68.3	69.4	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 16000	68.3	69.4	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 14000	68.4	69.6	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 12000	69.4	70.6	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 10000	73.0	74.8	75.2	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
IV 9000	73.4	75.2	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 8000	75.4	77.2	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 7000	76.0	77.8	78.3	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 6000	77.3	79.2	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 5000	78.0	79.9	80.4	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 4500	78.3	80.2	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 4000	79.3	81.2	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 3500	79.8	81.8	82.4	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 3000	81.2	83.2	83.9	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
IV 2500	83.2	85.3	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 2000	86.1	88.3	89.2	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1800	88.3	90.6	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1500	90.6	93.4	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1200	91.8	95.1	96.3	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
IV 1000	92.3	96.2	97.7	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	92.6	96.4	97.9	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	92.7	96.7	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	92.7	96.7	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	92.7	96.7	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	92.7	96.8	98.4	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	92.7	97.0	98.7	99.3	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	92.7	97.0	98.7	99.3	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	92.7	97.0	98.7	99.3	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	92.7	97.0	98.7	99.3	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	92.7	97.0	98.7	99.3	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF PK

67-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	75.8	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
≥ 10000	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 9000	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 7000	82.1	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
≥ 6000	82.8	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
≥ 5000	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	86.3	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	86.8	86.8
≥ 3500	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	94.9	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	96.8	97.3	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	97.3	97.9	98.0	98.0	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	98.1	98.7	98.8	98.8	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	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	98.7	99.2	99.3	99.3	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	98.8	99.3	99.4	99.4	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	99.0	99.6	99.7	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
≥ 700	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.1	99.7	99.8	99.8	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	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/SAC

CEILING VERSUS VISIBILITY

1945 FT SILL AAF OK

67-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT ST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 0
NO CEILING	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	80.1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 18000	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 15000	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 13000	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	85.4	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 9000	85.4	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	88.4	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
≥ 7000	88.4	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
≥ 6000	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500	90.3	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	90.3	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
≥ 3500	91.7	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	92.4
≥ 3000	91.7	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	92.4
≥ 2500	94.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	94.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	95.2	96.1	96.1	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
≥ 1000	95.2	96.1	96.1	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
≥ 750	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 450	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 150	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 750	98.3	99.4	99.4	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
≥ 600	98.3	99.4	99.4	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
≥ 450	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0	≥0
NO CEILING ≥ 20000	75.1	75.4	75.6	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 18000	86.4	86.8	86.9	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 16000	86.4	86.8	86.9	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 14000	86.6	86.9	87.0	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 12000	87.6	87.9	88.0	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 10000	90.0	90.3	90.6	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 9000	90.7	91.0	91.2	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 8000	92.0	92.3	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 7000	93.1	93.4	93.8	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 6000	93.8	94.0	94.3	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 5000	93.9	94.3	94.7	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 4500	94.8	95.2	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 4000	96.1	96.8	97.2	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 3500	96.6	97.2	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 3000	97.0	97.7	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 2500	97.2	97.9	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2000	97.3	98.0	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1800	97.3	98.0	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	97.7	98.3	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	97.8	98.4	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	98.0	98.8	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	98.0	98.9	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	98.0	98.9	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF MK

67-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	78.9	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 20000	85.1	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 18000	85.2	85.8	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
≥ 16000	85.2	85.8	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
≥ 14000	85.9	86.4	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	86.8
≥ 12000	86.6	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000	89.2	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 9000	89.4	90.0	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
≥ 8000	90.8	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	91.7	91.7
≥ 7000	91.0	91.6	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
≥ 6000	92.0	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	93.4	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4500	94.1	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	95.3	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	95.7	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	96.0	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	96.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	97.2	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
≥ 1800	97.3	98.7	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
≥ 1500	97.3	98.7	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
≥ 1200	97.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	97.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.7	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
≥ 700	97.7	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
≥ 600	97.7	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
≥ 500	97.7	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.7	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.7	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	97.7	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	97.7	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	97.7	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	69.3	70.6	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 20000	76.6	78.1	78.5	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
IV 18000	76.7	78.1	78.5	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
IV 16000	76.7	78.1	78.5	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
IV 14000	77.2	78.6	79.0	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 12000	78.2	79.6	80.1	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 10000	81.1	82.7	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 9000	81.5	83.1	83.5	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 8000	83.4	85.0	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 7000	84.0	85.7	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 6000	84.8	86.6	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 5000	85.7	87.6	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4500	86.6	88.5	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4000	88.4	90.4	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 3500	89.1	91.2	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3000	90.1	92.2	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2500	91.1	93.3	94.0	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 2000	92.1	94.4	95.1	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1800	92.6	94.9	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1500	93.5	95.9	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1200	93.9	96.5	97.2	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1000	94.3	97.1	97.9	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	94.5	97.3	98.1	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	94.7	97.5	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	94.7	97.7	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	94.7	97.7	98.6	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	94.8	97.8	98.8	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	94.8	97.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	94.8	97.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	94.8	97.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	94.8	97.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	94.8	97.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	81.0	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 20000	84.3	85.4	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
IV 18000	84.3	85.4	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
IV 16000	84.3	85.4	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
IV 14000	84.4	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 12000	84.6	85.8	85.9	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
IV 10000	87.8	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 9000	88.2	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 8000	89.7	91.1	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	91.4
IV 7000	91.0	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 6000	91.6	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 5000	93.0	94.4	94.5	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
IV 4500	94.6	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	96.3	96.3
IV 4000	95.6	97.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 3500	95.6	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 3000	95.8	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	98.2	98.2
IV 2500	96.1	98.2	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
IV 2000	96.3	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1800	96.3	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	96.5	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	96.7	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	96.9	99.0	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
IV 900	96.9	99.0	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
IV 800	96.9	99.0	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
IV 700	96.9	99.0	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
IV 600	96.9	99.0	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
IV 500	96.9	99.0	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
IV 400	97.0	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	99.9
IV 300	97.0	99.2	99.5	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
IV 200	97.0	99.2	99.5	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
IV 100	97.0	99.2	99.5	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
IV 0	97.0	99.2	99.5	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 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1.0	≥1.0	≥1.0	≥1.0	≥1.0	≥1.0	≥0
NO CEILING	74.7	76.7	77.0	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
≥ 20000	78.9	80.9	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 18000	78.9	80.9	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 16000	78.9	80.9	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 14000	79.1	81.1	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 12000	80.5	82.5	82.8	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
IV 10000	84.6	86.7	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 9000	84.9	87.0	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 8000	86.7	88.9	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 7000	87.4	89.7	90.0	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
IV 6000	87.7	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 5000	89.5	91.7	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 4500	91.0	93.3	93.7	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 4000	92.0	94.5	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 3500	92.4	94.8	95.2	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
IV 3000	93.0	95.6	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2500	93.0	95.6	96.0	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2000	93.5	96.2	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1800	93.7	96.3	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1500	94.0	96.7	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200	94.2	96.9	97.3	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
IV 1000	94.5	97.2	97.7	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	94.7	97.5	98.1	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
IV 800	94.8	97.7	98.3	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	95.1	98.2	98.7	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
IV 600	95.1	98.2	98.7	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
IV 500	95.2	98.3	98.9	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	95.3	98.4	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.3	98.4	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.3	98.4	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.3	98.4	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.3	98.4	99.0	99.6	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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13965
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0
NO CEILING ≥ 20000	63.4	65.4	66.7	68.1	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IVW 18000 16000	69.2	71.4	72.7	74.1	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IVW 14000 12000	69.6	71.8	73.1	74.5	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IVW 10000 9000	78.2	81.2	82.8	84.4	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IVW 8000 7000	80.8	84.0	85.7	87.4	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IVW 6000 5000	81.9	85.2	87.0	88.8	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IVW 4500 4000	83.8	87.0	88.8	90.6	91.1	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IVW 3500 3000	85.7	89.0	90.9	92.9	93.3	93.5	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IVW 2500 2000	85.9	89.6	91.5	93.7	94.1	94.3	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IVW 1800 1500	86.1	90.0	92.0	94.2	94.6	94.8	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IVW 1200 1000	87.2	91.4	93.4	95.6	96.1	96.3	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IVW 900 800	87.7	92.6	94.8	97.2	97.7	98.0	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IVW 700 600	87.7	93.2	95.5	97.8	98.4	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVW 500 400	88.0	93.4	96.0	98.4	99.0	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVW 300 200	88.0	93.4	96.0	98.4	99.2	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 100 0	88.0	93.4	96.0	98.4	99.2	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	68.0	69.0	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
≥ 20000	73.8	74.8	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	75.8
IV 18000	73.8	74.8	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	75.8
IV 16000	74.0	75.1	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
IV 14000	74.5	75.6	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
IV 12000	77.7	78.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 10000	84.4	85.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 9000	84.7	86.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 8000	87.0	88.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 7000	87.5	89.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 6000	87.7	89.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 5000	88.8	90.9	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4500	88.8	91.0	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
IV 4000	89.7	91.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3500	89.9	92.2	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3000	90.2	92.5	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2500	91.1	93.3	94.3	94.4	94.4	94.5	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
IV 2000	91.4	93.7	94.6	94.7	94.8	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
IV 1800	91.6	94.0	94.9	95.1	95.2	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
IV 1500	92.4	95.1	96.0	96.1	96.2	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
IV 1200	93.0	95.9	96.9	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
IV 1000	93.5	96.6	97.7	98.0	98.1	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	93.5	96.6	98.1	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	93.7	96.8	98.4	98.7	98.8	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	93.7	96.8	98.4	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	93.7	96.8	98.4	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	93.7	96.9	98.5	99.0	99.1	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	93.7	96.9	98.5	99.0	99.2	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	93.7	96.9	98.5	99.0	99.2	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	93.7	96.9	98.5	99.0	99.2	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	93.7	96.9	98.5	99.0	99.2	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	93.7	96.9	98.5	99.0	99.2	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

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT ST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 20000	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	76.5
IV 18000	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	76.5
IV 16000	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	76.5
IV 14000	76.8	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
IV 12000	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 10000	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 9000	85.2	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	85.5	85.5
IV 8000	87.0	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 7000	87.2	87.8	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
IV 6000	87.8	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 5000	89.2	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4500	89.8	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 4000	92.0	92.7	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3500	93.9	94.6	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 3000	95.7	96.5	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 2500	96.5	97.2	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 2000	96.5	97.3	97.5	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800	96.8	97.6	97.8	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	97.1	98.1	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	97.3	98.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	97.3	98.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	97.3	98.9	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	97.3	98.9	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	97.4	99.0	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	97.4	99.0	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	97.5	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.5	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.5	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.5	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.5	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.5	99.2	99.5	99.5	99.9	99.9	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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UTC

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	70.1	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 20000	78.3	78.5	78.5	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
18000	78.4	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
16000	78.4	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
14000	78.7	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
12000	81.5	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
10000	85.4	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
9000	85.6	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
8000	87.8	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
7000	88.6	88.8	88.8	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
6000	88.8	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	89.4	89.4
5000	90.2	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	91.0
4500	91.4	92.0	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
4000	95.1	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
3500	96.0	96.8	96.9	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	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	98.2
2500	97.4	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
2000	97.6	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
1800	97.7	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
1500	97.8	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6
1200	97.8	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8
1000	97.8	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8
900	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
800	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
700	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
600	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
500	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
400	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
300	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
200	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
100	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
0	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING ≥ 20000	74.3	74.7	74.7	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 18000	83.9	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 16000	83.9	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 14000	84.4	84.9	84.9	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 12000	86.0	86.6	86.6	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
IV 10000	89.9	90.4	90.4	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 9000	90.1	90.6	90.6	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
IV 8000	92.4	92.9	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 7000	92.8	93.3	93.3	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
IV 6000	93.2	93.9	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 5000	94.6	95.5	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 4500	95.4	96.3	96.3	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
IV 4000	96.7	97.7	97.7	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 3500	97.0	98.1	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 3000	97.2	98.4	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 2500	97.2	98.4	98.5	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 2000	97.4	98.7	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1800	97.5	98.8	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	97.6	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.6	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.6	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.6	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.6	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.6	98.9	99.0	99.4	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70,73-78
PERIOD

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
GROUP

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	80.9	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 20000	85.8	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IN 18000	85.8	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IN 16000	85.8	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IN 14000	85.9	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IN 12000	86.5	87.7	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IN 10000	90.2	91.6	91.6	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
IN 9000	90.2	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IN 8000	91.7	93.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IN 7000	92.5	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IN 6000	93.2	94.7	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IN 5000	94.3	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IN 4500	94.9	96.7	96.7	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
IN 4000	95.9	97.7	97.7	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
IN 3500	96.0	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IN 3000	96.5	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IN 2500	96.6	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 2000	97.0	98.9	98.9	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
IN 1800	97.0	98.9	98.9	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
IN 1500	97.2	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 1200	97.3	99.2	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
IN 1000	97.4	99.4	99.4	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
IN 900	97.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 800	97.5	99.6	99.6	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
IN 700	97.5	99.6	99.6	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
IN 600	97.5	99.6	99.6	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
IN 500	97.5	99.6	99.6	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
IN 400	97.5	99.6	99.6	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
IN 300	97.5	99.6	99.6	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
IN 200	97.5	99.6	99.6	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
IN 100	97.5	99.6	99.6	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
IN 0	97.5	99.6	99.6	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 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 STATION FT SILL AAF OK 67-70, 73-78 YEARS JULI MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	72.7	73.8	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 20000	78.8	79.8	80.2	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 18000	78.8	79.9	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 16000	78.8	79.9	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 14000	79.2	80.3	80.6	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
IV 12000	81.0	82.1	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 10000	85.7	87.0	87.3	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 9000	85.9	87.2	87.6	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 8000	87.9	89.3	89.7	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
IV 7000	88.6	90.0	90.5	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 6000	89.0	90.5	90.9	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 5000	90.3	91.9	92.3	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 4500	91.2	92.8	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
IV 4000	92.8	94.5	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 3500	93.3	95.1	95.5	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 3000	93.9	95.8	96.2	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 2500	94.2	96.1	96.6	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 2000	94.5	96.4	96.9	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 1800	94.6	96.6	97.1	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	94.9	97.0	97.5	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	95.1	97.4	97.9	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	95.3	97.6	98.2	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	95.4	97.8	98.4	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	95.4	97.9	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	95.5	98.0	98.6	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
IV 600	95.5	98.0	98.7	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	95.5	98.1	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	95.6	98.1	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.6	98.1	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.6	98.1	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.6	98.1	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.6	98.1	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1945 STATION FT SILL AAF OK

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
MOON LIGHT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING ≥ 20000	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 18000	82.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	82.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000	82.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 12000	84.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 10000	88.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 9000	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000	93.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 7000	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 5000	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	95.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	96.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	96.2	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	97.7
≥ 3000	96.7	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	98.2
≥ 2500	96.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	96.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	97.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	97.1	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	97.3	98.9	99.1	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	97.3	98.9	99.1	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	97.3	98.9	99.1	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	97.3	98.9	99.1	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	97.3	98.9	99.1	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
≥ 600	97.3	98.9	99.1	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
≥ 500	97.3	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	97.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	97.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	97.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	97.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	97.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF MK

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	74.4	77.1	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 20000	77.4	80.4	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
18000	77.4	80.4	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
16000	77.4	80.4	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
14000	77.6	80.6	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
12000	79.2	82.3	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
10000	83.8	86.9	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
9000	84.7	88.1	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
8000	87.4	90.9	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
7000	88.3	91.8	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
6000	89.6	93.1	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
5000	90.5	94.1	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
4500	91.3	94.8	95.4	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
4000	92.4	96.2	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
3500	92.7	96.6	97.1	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
3000	92.7	96.8	97.3	97.3	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	92.8	97.0	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2000	93.3	97.5	98.3	98.3	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	93.5	97.8	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1500	93.7	98.0	98.7	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1200	93.7	98.0	98.8	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1000	93.9	98.2	99.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
900	93.9	98.3	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	94.0	98.4	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
700	94.0	98.4	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
600	94.1	98.5	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	94.1	98.5	99.4	99.6	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	94.1	98.5	99.4	99.6	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	94.1	98.5	99.4	99.6	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	94.1	98.5	99.4	99.6	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	94.1	98.5	99.4	99.6	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	94.1	98.5	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	61.5	66.2	68.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0
≥ 20000	65.7	70.5	72.9	73.9	74.5	74.5	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1
≥ 18000	65.7	70.5	72.9	73.9	74.5	74.5	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1
≥ 16000	65.7	70.5	72.9	73.9	74.5	74.5	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1
≥ 14000	66.1	71.0	73.3	74.3	74.9	74.9	75.2	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5
≥ 12000	67.4	72.3	74.6	75.7	76.5	76.5	76.8	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1
≥ 10000	72.2	77.6	80.4	81.7	82.6	82.6	82.9	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 9000	73.0	78.5	81.4	82.7	83.5	83.5	83.9	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 8000	75.4	81.3	84.2	85.5	86.3	86.3	86.7	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 7000	76.8	82.8	85.7	87.0	87.8	87.8	88.2	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5
≥ 6000	79.0	85.1	88.1	89.4	90.2	90.2	90.5	90.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 5000	79.6	85.8	88.9	90.2	91.1	91.1	91.4	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 4500	80.1	86.5	89.6	90.9	91.7	91.7	92.0	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 4000	80.9	87.3	90.4	91.7	92.6	92.6	93.1	93.2	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 3500	80.9	87.4	90.6	92.2	93.0	93.0	93.3	93.4	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 3000	81.6	88.2	91.5	93.0	93.9	93.9	94.2	94.3	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 2500	81.6	88.6	92.0	93.7	94.5	94.5	94.8	94.9	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 2000	82.4	89.4	92.9	94.5	95.4	95.4	95.7	95.8	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1800	82.4	89.4	92.9	94.6	95.6	95.6	96.0	96.1	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 1500	82.8	89.8	93.3	95.2	96.1	96.1	96.6	96.7	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1200	83.3	90.4	94.0	95.8	96.8	96.8	97.2	97.3	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 1000	83.7	91.0	94.5	96.5	97.4	97.4	97.8	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 900	83.7	91.0	94.5	96.5	97.4	97.4	97.8	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 800	83.8	91.1	94.7	96.7	97.6	97.6	98.1	98.2	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 700	83.9	91.4	95.3	97.3	98.3	98.3	98.7	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600	83.9	91.4	95.3	97.3	98.3	98.3	98.7	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	83.9	91.4	95.3	97.3	98.3	98.3	98.7	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4
≥ 400	83.9	91.4	95.3	97.3	98.4	98.4	98.8	98.9	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 300	83.9	91.5	95.4	97.5	98.6	98.6	99.0	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	83.9	91.5	95.4	97.5	98.6	98.6	99.0	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	83.9	91.5	95.4	97.5	98.6	98.6	99.0	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	83.9	91.5	95.4	97.5	98.6	98.6	99.0	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF TX

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.02	≥0
NO CEILING	67.0	67.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	70.2	73.0	73.7	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IVN 18000	70.2	73.0	73.7	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IVN 16000	70.2	73.0	73.7	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IVN 14000	70.5	73.3	74.0	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IVN 12000	72.6	75.5	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IVN 10000	77.8	81.5	82.2	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IVN 9000	75.2	81.8	82.5	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IVN 8000	80.4	84.1	84.7	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IVN 7000	82.0	85.9	86.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IVN 6000	83.0	87.1	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IVN 5000	84.4	88.6	89.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IVN 4500	84.6	88.9	89.9	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IVN 4000	85.7	90.0	91.0	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
IVN 3500	85.9	90.2	91.2	91.5	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IVN 3000	86.6	90.9	91.8	92.2	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IVN 2500	87.0	91.6	92.8	93.2	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0
IVN 2000	88.1	92.8	94.0	94.4	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
IVN 1800	88.2	92.9	94.1	94.5	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3
IVN 1500	89.0	94.1	95.3	95.7	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5
IVN 1200	89.1	94.7	96.0	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2
IVN 1000	89.4	95.1	96.7	97.2	97.6	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1
IVN 900	89.4	95.1	96.7	97.2	97.6	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1
IVN 800	89.5	95.5	97.3	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1
IVN 700	89.6	95.6	97.6	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4
IVN 600	89.6	95.6	97.7	98.5	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6
IVN 500	89.6	95.6	97.7	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7
IVN 400	89.6	95.6	97.7	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7
IVN 300	89.6	95.6	97.7	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7
IVN 200	89.6	95.6	97.7	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7
IVN 100	89.6	95.6	97.7	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7
IVN 0	89.6	95.6	97.7	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70,73-78
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	65.1	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 20000	72.9	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 18000	73.0	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 16000	73.0	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 14000	73.9	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 12000	77.3	78.4	78.5	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
IV 10000	82.7	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 9000	83.0	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 8000	84.4	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 7000	85.4	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 6000	86.8	88.3	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	88.6
IV 5000	87.8	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 4500	89.5	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 4000	90.8	92.6	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 3500	92.0	93.9	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	94.4
IV 3000	92.3	94.3	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2500	93.5	95.6	95.8	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
IV 2000	94.7	96.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	94.7	96.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1500	95.4	97.7	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	95.7	98.2	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	98.9
IV 1000	95.9	98.7	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	95.9	98.7	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	96.0	98.8	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	99.6
IV 700	96.1	98.9	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	99.7
IV 600	96.1	98.9	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	99.7
IV 500	96.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF DK
STATION NAME

67-70, 73-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UT-5

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0
NO CEILING ≥ 20000	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000	78.3	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	78.7	78.7
IV 16000	78.3	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	78.7	78.7
IV 14000	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 12000	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 10000	87.2	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	87.6	87.6
IV 9000	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 8000	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 7000	90.0	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 6000	91.0	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	91.7
IV 5000	92.7	93.3	93.3	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
IV 4500	94.1	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 4000	95.7	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 3500	97.3	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 3000	97.5	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 2500	97.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2000	98.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	98.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	98.2	99.5	99.5	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
IV 1200	98.2	99.5	99.5	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
IV 1000	98.3	99.6	99.6	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
IV 900	98.3	99.6	99.6	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
IV 800	98.3	99.6	99.6	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
IV 700	98.3	99.6	99.6	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
IV 600	98.3	99.6	99.6	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
IV 500	98.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	98.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	98.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	98.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	98.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	98.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	74.2	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	74.6	74.6
≥ 20000	82.9	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	83.3
≥ 18000	82.9	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	83.3
≥ 16000	82.9	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	83.3
≥ 14000	82.9	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	83.3
≥ 12000	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 10000	89.8	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	90.2	90.2
≥ 9000	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 7000	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	94.5	94.5	94.5
≥ 6000	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 5000	96.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	96.8	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 3500	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 3000	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 2500	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 2000	98.4	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1800	98.4	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.4	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 700	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	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

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING ≥ 20000	79.8	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	80.2	80.2
IV 18000	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 16000	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 14000	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 12000	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 10000	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 9000	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 8000	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 7000	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 6000	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 5000	95.4	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
IV 4500	95.9	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	96.8
IV 4000	96.9	97.8	97.8	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
IV 3500	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 3000	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 2500	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 2000	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1800	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	97.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	97.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	97.7	99.1	99.2	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
IV 900	97.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	97.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	97.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	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

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2.2	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	71.4	73.0	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 20000	77.0	78.8	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV ≥ 18000	77.0	78.8	79.2	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
IV ≥ 16000	77.0	78.8	79.2	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
IV ≥ 14000	77.4	79.1	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
IV ≥ 12000	79.7	81.4	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV ≥ 10000	84.1	86.1	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
IV ≥ 9000	84.9	86.9	87.5	87.7	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
IV ≥ 8000	87.1	89.2	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3
IV ≥ 7000	88.1	90.2	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV ≥ 5000	89.1	91.3	91.9	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV ≥ 5000	90.3	92.6	93.2	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV ≥ 4500	91.0	93.4	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV ≥ 4000	92.0	94.6	95.2	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV ≥ 3500	92.5	95.1	95.7	96.0	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV ≥ 3000	92.8	95.4	96.1	96.4	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV ≥ 2500	93.1	95.9	96.6	96.9	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV ≥ 2000	93.7	96.5	97.3	97.6	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
IV ≥ 1800	93.7	96.6	97.3	97.7	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV ≥ 1500	94.0	96.9	97.7	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
IV ≥ 1200	94.2	97.2	98.1	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV ≥ 1000	94.3	97.5	98.4	98.8	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV ≥ 900	94.4	97.5	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV ≥ 800	94.4	97.6	98.6	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV ≥ 700	94.4	97.7	98.7	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
IV ≥ 600	94.5	97.7	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV ≥ 500	94.5	97.8	98.8	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
IV ≥ 400	94.5	97.8	98.8	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV ≥ 300	94.5	97.8	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 200	94.5	97.8	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 100	94.5	97.8	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 0	94.5	97.8	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70,73-78
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS UTC

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0.01	≥0
NO CEILING	65.6	66.7	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
≥ 20000	70.4	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	70.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000	70.9	72.9	73.0	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
≥ 14000	71.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 12000	72.3	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	75.2	78.0	78.1	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
≥ 9000	75.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 8000	77.7	80.7	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
≥ 7000	78.0	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	80.1	83.6	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
≥ 5000	82.3	85.8	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	86.1
≥ 4500	83.0	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	84.6	88.8	89.1	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
≥ 3500	85.0	89.6	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
≥ 3000	85.4	90.2	90.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	86.2	91.6	92.0	92.4	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	86.9	92.3	92.9	93.4	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	87.0	92.4	93.1	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	87.4	92.9	93.7	94.2	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	88.0	93.4	94.2	94.9	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	88.0	93.6	94.3	95.0	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	88.2	93.8	94.6	95.2	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	88.3	94.1	95.0	95.7	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	88.4	94.4	95.3	96.1	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	88.4	94.7	95.7	96.4	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	88.7	95.4	96.7	97.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	88.7	95.4	96.8	97.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	88.7	95.4	96.8	97.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	88.7	95.4	96.8	97.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	88.7	95.4	96.8	97.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
U	88.7	95.4	96.8	97.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	60.6	64.1	64.2	64.7	64.7	64.8	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000	63.8	68.6	68.7	69.1	69.1	69.2	69.2	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	64.3	69.1	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 16000	64.3	69.1	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 14000	64.7	69.4	69.6	70.0	70.0	70.1	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	65.2	70.0	70.1	70.6	70.6	70.7	70.7	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	68.0	73.1	73.2	73.7	73.7	73.8	73.8	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 9000	69.3	74.6	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	72.0	77.4	77.7	78.1	78.1	78.2	78.2	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	72.6	78.0	78.2	78.7	78.7	78.8	78.8	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 6000	73.8	79.1	79.2	79.7	79.7	79.8	79.8	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	74.7	80.1	80.3	80.8	80.8	80.9	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	76.3	81.8	82.1	82.6	82.6	82.7	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4000	77.6	83.2	83.6	84.1	84.1	84.3	84.3	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	77.9	83.6	84.1	84.7	84.7	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	78.7	84.6	85.4	86.0	86.0	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	79.8	86.4	87.3	87.9	87.9	88.1	88.1	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	81.0	87.7	88.6	89.1	89.1	89.3	89.3	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	81.7	88.4	89.3	89.9	89.9	90.1	90.1	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500	82.7	89.7	90.8	91.4	91.4	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	83.2	90.8	91.9	92.6	92.6	92.8	92.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	83.3	91.2	92.3	93.1	93.1	93.3	93.4	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	83.8	91.8	92.9	93.7	93.7	93.9	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	83.7	92.0	93.2	94.0	94.0	94.2	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	84.0	92.4	93.8	94.7	94.7	94.9	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	84.3	93.1	94.7	95.8	95.8	96.1	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	84.4	93.6	95.3	96.6	96.6	97.0	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	84.4	93.7	95.8	97.2	97.7	98.0	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	84.4	93.7	95.8	97.3	97.8	98.1	98.8	98.8	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3
≥ 200	84.4	93.7	95.8	97.3	97.8	98.1	98.9	99.0	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7
≥ 100	84.4	93.7	95.8	97.3	97.8	98.1	98.9	99.0	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8
≥ 0	84.4	93.7	95.8	97.3	97.8	98.1	98.9	99.0	99.0	99.3	99.4	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF DK

67-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	42.2	48.8	51.2	53.0	54.1	54.4	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1
≥ 20000	46.2	52.9	55.9	57.8	59.0	59.3	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0
IN 18000	46.8	53.4	56.4	58.3	59.6	59.9	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.6	60.6
IN 16000	46.8	53.4	56.4	58.4	59.7	60.0	60.3	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.7	60.7
IN 14000	47.2	53.9	57.0	59.0	60.2	60.6	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2
IN 12000	48.8	55.6	58.7	60.7	61.9	62.2	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9	62.9
IN 10000	52.1	59.3	62.4	64.6	65.8	66.1	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8
IN 9000	53.1	60.7	63.8	66.1	67.3	67.7	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3
IN 8000	58.0	65.8	69.0	71.4	72.9	73.4	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1
IN 7000	58.6	66.3	69.6	72.3	73.8	74.3	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0
IN 6000	59.6	67.3	70.7	73.4	74.9	75.4	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1
IN 5000	59.9	68.1	71.7	74.6	76.0	76.6	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2
IN 4500	60.3	68.6	72.1	75.0	76.6	77.1	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8
IN 4000	61.3	70.4	74.2	77.1	78.8	79.3	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0
IN 3500	62.6	71.3	75.1	78.0	79.7	80.2	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9
IN 3000	63.2	72.3	76.1	79.0	80.8	81.3	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2
IN 2500	64.2	73.6	77.6	80.6	82.4	83.0	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.9	83.9
IN 2000	66.0	75.7	79.9	82.9	84.8	85.3	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2
IN 1800	66.6	76.8	81.3	84.3	86.2	86.8	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.7	87.7
IN 1500	67.2	77.9	82.7	85.9	87.8	88.3	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2
IN 1200	67.8	78.7	83.6	86.9	88.8	89.3	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3
IN 1000	68.3	79.9	85.1	88.6	90.4	91.0	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0
IN 900	68.4	80.2	85.4	88.9	90.8	91.3	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4
IN 800	68.6	80.8	86.2	89.8	92.1	92.7	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9
IN 700	68.8	81.2	87.1	90.7	93.2	93.9	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2
IN 600	69.0	81.9	88.1	91.7	94.2	94.9	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4
IN 500	69.0	82.0	88.2	91.9	94.4	95.1	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9
IN 400	69.0	82.0	88.2	92.1	94.8	95.7	97.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9
IN 300	69.0	82.0	88.3	92.3	95.0	96.1	97.8	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IN 200	69.0	82.0	88.3	92.3	95.0	96.1	98.0	98.7	98.9	99.2	99.3	99.4	99.4	99.4	99.5	99.5
IN 100	69.0	82.0	88.3	92.3	95.0	96.1	98.0	98.7	98.9	99.2	99.3	99.4	99.4	99.4	99.5	99.5
IN 0	69.0	82.0	88.3	92.3	95.0	96.1	98.0	98.7	98.9	99.2	99.3	99.4	99.4	99.4	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.1	≥ 0	≥ 0	≥ 0
NO CEILING	48.9	53.8	54.9	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	53.1	58.6	59.7	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	53.2	58.7	59.8	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 16000	53.2	58.7	59.8	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	53.3	58.8	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 12000	54.9	60.7	61.8	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	59.8	66.1	67.3	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
≥ 9000	60.4	67.3	68.6	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4
≥ 8000	63.2	70.3	71.8	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	63.7	70.9	72.4	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000	64.4	72.1	73.8	74.7	74.9	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	65.2	73.4	75.2	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6
≥ 4500	65.7	73.9	75.7	76.6	76.9	76.9	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	66.6	74.8	76.6	77.4	77.8	77.8	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	67.1	75.3	77.1	78.0	78.3	78.3	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	67.9	76.1	78.1	79.1	79.4	79.4	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500	69.1	77.3	79.4	80.7	81.0	81.0	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	71.1	79.7	81.9	83.3	83.7	83.7	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	71.8	80.6	82.8	84.2	84.6	84.6	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	72.8	83.0	85.4	87.1	87.6	87.6	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	75.2	85.6	88.4	90.1	90.9	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	76.6	87.3	90.7	92.4	93.2	93.2	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	77.0	88.0	91.6	93.3	94.1	94.1	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	77.2	88.9	92.7	94.4	95.2	95.2	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	77.6	89.7	93.6	95.3	96.2	96.2	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	77.7	89.9	93.9	95.8	97.0	97.0	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	77.7	90.0	94.1	96.2	97.7	97.8	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	77.7	90.0	94.1	96.3	98.1	98.2	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	77.8	90.2	94.3	96.6	98.3	98.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	77.8	90.2	94.3	96.6	98.3	98.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	77.8	90.2	94.3	96.6	98.3	98.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	77.8	90.2	94.3	96.6	98.3	98.4	99.4	99.7	99.8	99.9	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

13945 FT SILL AAF OK

67-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
MO. 1-5

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	57.1	58.9	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	62.0	64.2	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
IV 18000	62.3	64.6	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
IV 16000	62.4	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
IV 14000	63.2	65.4	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
IV 12000	65.1	67.3	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
IV 10000	69.9	72.4	73.0	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
IV 9000	70.6	73.2	73.8	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
IV 8000	72.7	75.3	76.0	76.1	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 7000	72.8	75.6	76.2	76.3	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 6000	74.0	77.2	78.0	78.2	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 5000	75.0	78.2	79.0	79.2	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 4500	75.9	79.1	80.0	80.2	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 4000	77.4	80.7	81.6	81.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 3500	78.2	81.6	82.6	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 3000	80.3	84.1	85.3	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2500	82.4	86.9	88.1	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 2000	84.3	88.9	90.2	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1800	85.0	89.8	91.1	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 1500	87.0	92.2	94.0	94.6	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1200	88.0	93.4	95.4	96.0	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1000	88.1	93.8	96.3	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 900	88.1	93.8	96.3	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 800	88.1	93.9	96.6	97.3	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 700	88.1	94.2	97.0	97.9	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 600	88.1	94.2	97.1	98.0	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	88.1	94.3	97.2	98.4	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	88.1	94.3	97.2	98.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	88.1	94.3	97.2	98.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	88.1	94.3	97.2	98.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	88.1	94.3	97.2	98.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	88.1	94.3	97.2	98.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF DK
STATION NAME

67-70,73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	61.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	68.0	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
≥ 15000	68.2	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	70.2
≥ 14000	69.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	70.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	74.9	77.2	77.3	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 9000	76.0	78.4	78.6	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
≥ 8000	78.3	81.0	81.1	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	79.0	81.7	81.8	81.8	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	80.0	82.9	83.0	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	81.1	84.3	84.4	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4500	81.2	84.7	84.8	84.8	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	83.3	86.9	87.0	87.0	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	84.7	88.3	88.7	88.7	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	86.9	90.8	91.1	91.2	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	88.3	92.3	92.8	92.9	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	89.3	93.6	94.1	94.2	94.3	94.4	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	90.0	94.3	94.9	95.0	95.1	95.2	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	90.9	95.4	96.0	96.1	96.2	96.3	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	90.9	95.6	96.1	96.2	96.3	96.4	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	91.0	95.8	96.4	96.6	96.9	97.1	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	91.0	95.9	96.8	96.9	97.2	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	91.0	96.0	97.3	97.4	98.0	98.3	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	91.0	96.0	97.3	97.4	98.0	98.3	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	91.0	96.1	97.6	97.7	98.2	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	91.0	96.1	97.7	97.8	98.6	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	91.0	96.2	97.8	97.9	98.8	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.0	96.2	97.8	97.9	98.8	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.0	96.2	97.8	97.9	98.8	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.0	96.2	97.8	97.9	98.8	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.0	96.2	97.8	97.9	98.8	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

07-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS, LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	67.7	68.6	68.8	68.8	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 2000	73.7	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
18000	74.2	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
16000	74.2	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
14000	74.7	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
12000	76.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
10000	79.3	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
9000	79.7	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
8000	82.3	83.9	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
7000	83.3	85.0	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
6000	84.4	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
5000	85.7	87.6	87.9	87.9	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	86.2	88.3	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
4000	87.8	90.2	90.7	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	88.6	91.0	91.6	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
3000	88.9	91.7	92.2	92.2	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
2500	89.9	92.9	93.6	93.7	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
2000	90.6	93.9	94.7	94.8	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
1800	91.0	94.6	95.3	95.4	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1500	91.3	95.2	96.0	96.1	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1200	91.3	95.4	96.3	96.4	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1000	91.3	95.7	96.6	96.8	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
900	91.6	95.9	96.8	97.1	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
800	91.6	95.9	96.9	97.2	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
700	91.6	95.9	97.0	97.3	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
600	91.6	95.9	97.1	97.4	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
500	91.6	96.0	97.2	97.6	98.1	98.2	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
400	91.6	96.0	97.2	97.7	98.8	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
300	91.6	96.1	97.3	98.0	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	91.6	96.1	97.3	98.0	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	91.6	96.1	97.3	98.0	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	91.6	96.1	97.3	98.0	99.1	99.2	99.7	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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (GMT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	68.9	70.3	70.3	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 20000	73.4	75.6	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
18000	74.1	76.2	76.2	76.3	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 16000	74.2	76.3	76.3	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
14000	74.8	76.7	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 12000	75.6	77.8	77.8	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
10000	78.8	81.1	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	79.7	82.0	82.0	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
8000	81.8	84.2	84.2	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
≥ 7000	82.7	85.3	85.3	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
6000	83.8	86.6	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	84.9	87.9	87.9	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
4500	85.4	88.6	88.6	88.7	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	86.7	90.2	90.2	90.3	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
3500	87.1	91.2	91.2	91.3	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	87.3	91.8	92.0	92.3	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
2500	88.3	92.9	93.1	93.4	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	88.4	93.1	93.3	93.8	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
1800	89.0	94.0	94.2	94.7	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	89.2	94.4	94.7	95.1	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
1200	89.2	94.9	95.2	95.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	89.3	95.0	95.3	95.8	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
900	89.3	95.0	95.3	95.8	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	89.3	95.0	95.3	95.9	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
700	89.4	95.6	95.9	96.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	89.8	95.8	96.2	96.8	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	89.8	96.0	96.4	97.1	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	89.8	96.0	96.4	97.2	98.4	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
300	89.8	96.0	96.6	97.3	98.6	98.7	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	89.8	96.0	96.6	97.3	98.6	98.7	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
100	89.8	96.0	96.6	97.3	98.6	98.7	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	89.8	96.0	96.6	97.3	98.6	98.7	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	59.0	61.8	62.3	62.6	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 18000	64.2	67.6	68.2	68.5	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 16000	64.3	67.6	68.2	68.6	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 14000	64.7	68.1	68.7	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 12000	66.2	69.6	70.2	70.6	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 10000	69.8	73.5	74.2	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
IV 9000	70.6	74.5	75.2	75.7	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 8000	73.3	77.3	78.1	78.6	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 7000	73.8	78.0	78.8	79.3	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
IV 6000	75.0	79.3	80.2	80.8	81.0	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 5000	76.1	80.7	81.6	82.1	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 4500	76.8	81.4	82.4	82.9	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7
IV 4000	78.2	83.2	84.1	84.7	85.1	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 3500	78.9	84.0	85.0	85.7	86.0	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 3000	79.8	85.2	86.4	87.1	87.5	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0
IV 2500	81.0	86.7	88.0	88.8	89.2	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 2000	82.2	88.1	89.4	90.3	90.8	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3
IV 1800	82.8	88.9	90.3	91.1	91.6	91.7	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
IV 1500	83.7	90.1	91.7	92.6	93.0	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6
IV 1200	84.2	91.0	92.7	93.6	94.2	94.3	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1000	84.5	91.5	93.4	94.4	95.0	95.1	95.4	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
IV 900	84.7	91.8	93.7	94.7	95.3	95.5	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 800	84.7	92.1	94.1	95.2	95.9	96.1	96.4	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6
IV 700	84.9	92.4	94.6	95.7	96.6	96.7	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
IV 600	85.0	92.7	95.0	96.2	97.1	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 500	85.0	92.9	95.4	96.7	97.7	97.9	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	85.0	93.0	95.4	96.8	98.1	98.3	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	85.0	93.0	95.5	97.0	98.2	98.5	99.2	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7
IV 200	85.0	93.0	95.5	97.0	98.2	98.5	99.2	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9
IV 100	85.0	93.0	95.5	97.0	98.2	98.5	99.2	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9	100.0
IV 0	85.0	93.0	95.5	97.0	98.2	98.5	99.2	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

STATION NAME

67-70, 73-78

YEARS

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
COPIES

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	69.7	71.7	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	71.9	74.0	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
IVM 19000	71.9	74.0	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
IVM 15000	71.9	74.0	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
IVM 14000	72.0	74.1	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
IVM 12000	73.1	75.2	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
IVM 10000	75.4	77.4	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
IVM 9000	75.4	77.4	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
IVM 8000	76.7	79.1	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1
IVM 7000	77.7	80.2	80.6	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
IVM 6000	78.8	81.3	81.7	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
IVM 5000	80.5	83.0	83.4	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
IVM 4500	82.5	84.9	85.4	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
IVM 4000	84.1	86.8	87.3	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
IVM 3500	85.5	88.6	89.1	89.7	89.8	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
IVM 3000	86.3	89.6	90.1	90.6	90.8	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IVM 2500	86.3	90.3	91.0	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
IVM 2000	88.0	91.4	92.0	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
IVM 1800	88.0	91.4	92.0	92.6	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
IVM 1500	88.0	92.2	92.9	93.5	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
IVM 1200	89.1	92.7	93.7	94.4	94.7	94.7	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
IVM 900	89.5	93.1	94.1	95.1	95.6	95.6	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
IVM 800	89.7	93.4	94.4	95.4	95.9	95.9	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IVM 700	89.8	93.5	94.5	95.6	96.1	96.1	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
IVM 600	89.8	93.8	94.7	95.8	96.7	96.7	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
IVM 500	89.8	94.4	95.5	96.6	97.4	97.4	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IVM 400	89.8	94.4	95.5	96.9	98.1	98.2	98.5	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IVM 300	89.8	94.4	95.5	96.9	98.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IVM 200	89.8	94.4	95.5	96.9	98.3	98.4	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IVM 100	89.8	94.4	95.5	96.9	98.3	98.4	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IVM 0	89.8	94.4	95.5	96.9	98.3	98.4	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS, 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF DK
STATION NAME

67-70,73-78
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING	65.4	67.9	68.6	68.7	69.0	69.0	69.2	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 20000	67.3	69.8	70.4	70.5	71.0	71.0	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV ≥ 18000	67.3	69.8	70.4	70.5	71.0	71.0	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV ≥ 16000	67.3	69.8	70.4	70.5	71.0	71.0	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV ≥ 14000	67.5	70.0	70.6	70.7	71.3	71.3	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV ≥ 12000	68.2	70.7	71.4	71.5	72.0	72.0	72.2	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV ≥ 10000	70.2	72.8	73.4	73.5	74.1	74.1	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV ≥ 9000	70.3	72.9	73.5	73.6	74.2	74.2	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV ≥ 8000	71.9	74.9	75.6	75.7	76.2	76.2	76.4	76.5	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV ≥ 7000	72.4	75.5	76.1	76.2	76.9	76.9	77.1	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV ≥ 6000	73.3	76.4	77.1	77.4	78.0	78.0	78.3	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV ≥ 5000	75.7	79.1	79.9	80.2	80.8	80.8	81.1	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV ≥ 4500	77.5	80.9	81.7	82.0	82.7	82.7	82.9	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV ≥ 4000	78.5	81.9	82.8	83.1	83.7	83.7	84.0	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV ≥ 3500	79.5	83.0	83.9	84.2	84.8	84.8	85.0	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV ≥ 3000	80.5	84.1	84.9	85.3	86.0	86.0	86.2	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV ≥ 2500	81.4	85.0	86.0	86.3	87.1	87.1	87.3	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV ≥ 2000	82.5	86.7	87.6	87.9	88.8	88.8	89.0	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV ≥ 1800	82.8	87.1	88.1	88.4	89.2	89.2	89.5	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV ≥ 1500	83.7	88.6	89.6	89.9	90.7	90.9	91.1	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV ≥ 1200	84.3	89.5	90.4	90.7	91.6	91.7	91.9	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV ≥ 1000	85.0	90.9	91.9	92.4	93.2	93.3	93.5	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV ≥ 900	85.6	91.5	92.6	93.0	93.9	94.0	94.2	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV ≥ 800	85.7	91.7	92.8	93.2	94.3	94.4	94.7	94.9	95.0	95.4	95.4	95.4	95.4	95.5	95.5	95.5
IV ≥ 700	85.7	91.9	93.1	93.5	94.9	95.0	95.4	95.6	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1
IV ≥ 600	85.7	92.0	93.2	93.6	95.0	95.2	95.5	95.7	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2
IV ≥ 500	86.3	93.0	94.2	94.6	96.2	96.3	96.7	96.9	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4
IV ≥ 400	86.4	93.3	94.6	95.2	96.9	97.1	97.6	98.1	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7
IV ≥ 300	86.5	93.5	94.9	95.6	97.3	97.5	98.1	98.5	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2
IV ≥ 200	86.5	93.5	94.9	95.6	97.3	97.5	98.2	98.6	98.7	99.1	99.2	99.2	99.4	99.4	99.5	99.6
IV ≥ 100	86.5	93.5	94.9	95.6	97.3	97.5	98.2	98.6	98.7	99.1	99.2	99.2	99.4	99.4	99.5	99.7
IV ≥ 0	86.5	93.5	94.9	95.6	97.3	97.5	98.2	98.6	98.7	99.1	99.2	99.2	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF MK

67-70, 73-78

UCr

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS UTC

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING ≥ 20000	58.4	60.3	61.8	62.0	62.7	63.0	63.2	63.2	63.3	63.4	63.8	63.8	63.8	63.8	63.9	64.1
IV 18000	60.5	62.5	64.0	64.2	64.9	65.3	65.6	65.7	65.8	65.9	66.2	66.2	66.2	66.2	66.3	66.7
IV 16000	60.5	62.5	64.0	64.2	64.9	65.3	65.6	65.7	65.8	65.9	66.2	66.2	66.2	66.2	66.3	66.7
IV 14000	60.9	62.8	64.3	64.5	65.3	65.6	65.9	66.0	66.1	66.2	66.6	66.6	66.6	66.6	66.7	67.0
IV 12000	61.6	63.7	65.2	65.4	66.1	66.5	66.8	66.9	67.0	67.1	67.4	67.4	67.4	67.4	67.5	67.8
IV 10000	65.1	67.4	68.9	69.1	69.9	70.2	70.6	70.8	70.9	71.0	71.3	71.3	71.3	71.3	71.4	71.7
IV 9000	65.5	67.8	69.4	69.6	70.3	70.6	71.1	71.2	71.3	71.4	71.7	71.7	71.7	71.7	71.8	72.2
IV 8000	67.4	70.4	71.9	72.3	73.0	73.3	73.8	73.9	74.0	74.1	74.4	74.4	74.4	74.4	74.5	74.8
IV 7000	68.9	72.0	73.5	73.9	74.7	75.1	75.5	75.6	75.7	75.8	76.1	76.1	76.1	76.1	76.2	76.6
IV 6000	69.6	73.1	74.6	74.9	75.9	76.2	76.7	76.8	76.9	77.0	77.3	77.3	77.3	77.3	77.4	77.7
IV 5000	71.4	75.2	76.7	77.0	78.0	78.3	78.7	78.8	78.9	79.0	79.4	79.4	79.4	79.4	79.5	79.8
IV 4500	72.3	76.1	77.7	78.1	79.0	79.4	79.8	79.9	80.0	80.1	80.4	80.4	80.4	80.4	80.5	80.9
IV 4000	73.1	77.1	78.7	79.0	80.0	80.3	80.8	80.9	81.0	81.1	81.4	81.4	81.4	81.4	81.5	81.8
IV 3500	73.9	77.8	79.5	79.8	80.8	81.1	81.5	81.6	81.7	81.8	82.2	82.2	82.2	82.2	82.3	82.6
IV 3000	74.1	78.1	79.7	80.1	81.1	81.4	81.8	81.9	82.0	82.2	82.5	82.5	82.5	82.5	82.6	82.9
IV 2500	76.5	80.4	82.0	82.6	83.5	83.9	84.3	84.5	84.6	84.7	85.1	85.1	85.1	85.1	85.2	85.5
IV 2000	77.5	81.9	83.7	84.2	85.3	85.6	86.0	86.2	86.3	86.5	86.8	86.8	86.8	86.8	86.9	87.2
IV 1800	78.0	82.5	84.2	84.7	85.8	86.1	86.6	86.8	86.9	87.0	87.3	87.3	87.3	87.3	87.4	87.7
IV 1500	79.2	84.0	85.8	86.6	87.7	88.1	88.5	88.8	88.9	89.0	89.4	89.4	89.4	89.4	89.5	89.8
IV 1200	79.6	84.5	86.5	87.2	88.4	88.7	89.1	89.5	89.6	89.7	90.0	90.0	90.0	90.0	90.1	90.4
IV 1000	80.4	86.2	88.4	89.1	90.3	90.6	91.1	91.4	91.5	91.6	91.9	91.9	91.9	91.9	92.0	92.4
IV 900	80.4	86.3	88.5	89.5	90.9	91.2	91.6	91.9	92.0	92.2	92.5	92.5	92.5	92.5	92.6	92.9
IV 800	80.8	86.8	89.0	90.0	91.4	91.7	92.2	92.5	92.6	92.7	93.0	93.0	93.0	93.0	93.1	93.4
IV 700	80.8	87.2	89.6	90.9	92.5	92.8	93.2	93.5	93.7	93.8	94.1	94.1	94.1	94.1	94.2	94.5
IV 600	81.0	87.6	90.1	91.6	93.2	93.5	94.1	94.5	94.6	94.7	95.1	95.1	95.1	95.1	95.2	95.5
IV 500	81.0	88.2	90.6	92.5	94.2	94.6	95.3	95.7	95.8	95.9	96.2	96.2	96.2	96.2	96.3	96.7
IV 400	81.2	88.6	91.2	93.1	94.6	95.3	96.3	97.0	97.2	97.3	97.7	97.7	97.7	97.7	98.1	98.4
IV 300	81.2	88.8	91.5	93.5	95.3	95.7	97.0	97.7	98.1	98.2	98.6	98.6	98.6	98.7	99.0	99.5
IV 200	81.2	88.8	91.5	93.5	95.3	95.7	97.0	97.7	98.1	98.2	98.6	98.6	98.6	98.7	99.0	99.8
IV 100	81.2	88.8	91.5	93.5	95.3	95.7	97.0	97.7	98.1	98.2	98.6	98.6	98.6	98.7	99.1	99.9
IV 0	81.2	88.8	91.5	93.5	95.3	95.7	97.0	97.7	98.1	98.2	98.6	98.6	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1995 FT SILL AAF OK

67-70, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0
NO CEILING	60.8	67.8	63.2	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 20000	63.4	65.6	66.0	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 18000	63.4	65.6	66.0	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 16000	63.4	65.6	66.0	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 14000	63.4	65.6	66.0	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 12000	64.2	66.3	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 10000	67.7	70.3	70.8	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 9000	68.3	70.9	71.3	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 8000	70.5	73.5	74.0	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 7000	71.7	75.3	75.8	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 6000	73.0	76.8	77.3	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 5000	73.9	77.8	78.4	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 4500	74.3	78.6	79.1	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 4000	74.5	78.8	79.6	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 3500	75.7	80.1	80.9	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 3000	76.9	81.6	82.5	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 2500	78.7	83.4	84.3	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 2000	81.0	85.9	86.9	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1800	81.8	87.1	88.1	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 1500	83.4	88.9	90.0	90.9	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 1200	84.5	90.3	91.4	92.3	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1000	85.5	91.8	93.2	94.2	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 900	85.6	92.3	93.7	94.6	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 800	85.6	92.7	94.2	95.2	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 700	85.6	92.7	94.3	95.5	95.9	96.2	96.7	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9
IV 600	85.6	92.8	94.6	95.9	96.5	96.9	97.3	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV 500	85.6	93.1	95.2	96.6	97.6	98.1	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	85.6	93.2	95.5	96.9	98.2	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.5	99.6	99.6
IV 300	85.6	93.2	95.5	96.9	98.2	98.7	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.7	99.8	99.8
IV 200	85.6	93.2	95.5	96.9	98.2	98.7	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.8	99.9	100.0
IV 100	85.6	93.2	95.5	96.9	98.2	98.7	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.8	99.9	100.0
IV 0	85.6	93.2	95.5	96.9	98.2	98.7	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

12945

FT SILL AAF OK

67-70, 73-76

ICT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	65.4	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	69.2	70.0	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
≥ 18000	69.2	70.0	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	69.2	70.0	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
≥ 14000	69.2	70.0	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
≥ 12000	70.2	70.6	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
≥ 10000	73.1	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	74.4	75.2	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
≥ 8000	77.3	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	78.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	79.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	80.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	81.1	82.5	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
≥ 4000	82.6	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	84.2	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	85.9	85.9
≥ 3000	85.7	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	87.6
≥ 2500	88.8	90.6	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	90.9
≥ 2000	90.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	91.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	91.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	92.5	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	92.9	96.2	96.6	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
≥ 900	93.0	96.7	97.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	93.0	96.8	97.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	93.0	96.8	97.2	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	93.0	96.9	97.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	93.2	97.1	97.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	93.2	97.1	97.7	98.7	99.2	99.5	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	93.2	97.1	97.7	98.7	99.4	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.2	97.1	97.7	98.7	99.4	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.2	97.1	97.7	98.7	99.4	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.2	97.1	97.7	98.7	99.4	99.6	99.6	99.8	99.9	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

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEAR

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0
NO CEILING	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	70.4	70.4	70.4
≥ 20000	75.1	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	75.2
≥ 18000	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	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	75.4	75.4	75.4
≥ 14000	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	77.3	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
≥ 10000	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	80.2	80.2	80.2
≥ 9000	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 8000	83.7	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
≥ 7000	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	86.2	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	87.3	88.0	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	88.7	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	90.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	90.8	91.7	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
≥ 3000	92.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	93.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	94.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	94.8	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	96.2	96.2
≥ 1500	95.2	96.3	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	95.3	96.6	97.1	97.4	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	95.3	97.2	97.7	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	95.3	97.3	97.8	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	95.3	97.4	98.1	98.7	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	95.3	97.4	98.1	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	95.3	97.4	98.1	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	95.3	97.4	98.1	98.7	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.3	97.4	98.1	98.7	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.3	97.4	98.1	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.3	97.4	98.1	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.3	97.4	98.1	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.3	97.4	98.1	98.7	99.4	99.4	99.8	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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK 67-70, 73-78 OCT 1800=2000

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 20000	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	80.0	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
≥ 10000	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 9000	83.2	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
≥ 8000	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7000	86.1	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	86.8	86.8
≥ 6000	86.8	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	88.0	88.8	88.8	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
≥ 4500	89.8	90.6	90.6	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
≥ 4000	90.8	91.8	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	92.0
≥ 3500	91.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	93.4	94.5	94.5	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
≥ 2500	94.2	95.6	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
≥ 2000	94.4	95.9	95.9	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
≥ 1800	94.5	96.1	96.2	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	94.6	96.3	96.5	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	94.6	96.5	96.6	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	94.8	96.9	97.0	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	94.8	96.9	97.0	97.5	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	94.9	97.0	97.2	97.7	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	94.9	97.2	97.4	98.1	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	95.3	97.6	97.8	98.5	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	95.3	97.6	98.0	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.3	97.6	98.0	98.7	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.3	97.6	98.0	98.7	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.3	97.6	98.0	98.7	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.3	97.6	98.0	98.7	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.3	97.6	98.0	98.7	99.5	99.6	99.7	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

13945 FT SILL AAF OK

67-70, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS - LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 20000	75.8	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	75.8	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	75.8	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	75.9	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	77.0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	79.4	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	80.2	80.2
≥ 9000	79.4	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	80.2	80.2
≥ 8000	80.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	82.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	83.8	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
≥ 5000	85.4	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	87.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	88.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	91.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	92.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	93.0	95.2	95.2	95.2	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	93.2	95.4	95.4	95.4	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	93.7	95.9	95.9	95.9	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	93.8	96.1	96.1	96.3	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	93.9	96.5	96.5	96.8	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	93.9	96.5	96.5	96.8	96.9	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	93.9	96.6	96.6	96.9	97.0	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	93.9	96.6	96.6	97.0	97.2	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	93.9	96.6	96.6	97.0	97.2	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	93.9	96.9	97.0	97.5	97.7	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	94.0	97.3	97.4	98.1	98.4	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	94.0	97.3	97.6	98.3	98.7	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 200	94.0	97.3	97.6	98.3	98.7	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9
≥ 100	94.0	97.3	97.6	98.3	98.7	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0
≥ 0	94.0	97.3	97.6	98.3	98.7	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1945

FT SILL AAF OK

67-70, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	67.2	68.5	68.9	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
≥ 20000	70.3	71.6	72.0	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
IV 18000	70.3	71.6	72.0	72.2	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7
IV 16000	70.3	71.7	72.1	72.2	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
IV 14000	70.4	71.8	72.2	72.3	72.5	72.5	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
IV 12000	71.5	72.9	73.3	73.5	73.6	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
IV 10000	74.2	75.7	76.1	76.2	76.4	76.4	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
IV 9000	74.7	76.2	76.6	76.8	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3
IV 8000	76.7	78.5	78.9	79.0	79.2	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
IV 7000	77.9	79.9	80.3	80.5	80.7	80.7	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
IV 6000	78.9	81.0	81.4	81.7	81.9	81.9	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2
IV 5000	80.3	82.6	83.0	83.3	83.5	83.5	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
IV 4500	81.7	84.1	84.5	84.8	85.0	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
IV 4000	82.8	85.3	85.8	86.1	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7
IV 3500	83.9	86.5	87.0	87.2	87.5	87.5	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
IV 3000	85.0	87.7	88.2	88.5	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
IV 2500	86.5	89.3	89.8	90.1	90.4	90.4	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.8
IV 2000	87.7	90.7	91.3	91.6	91.9	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3
IV 1800	88.0	91.1	91.7	92.0	92.3	92.3	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
IV 1500	88.8	92.0	92.7	93.1	93.4	93.5	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
IV 1200	89.2	92.6	93.4	93.9	94.3	94.4	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
IV 1000	89.7	93.6	94.4	95.1	95.5	95.6	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
IV 900	89.8	93.9	94.7	95.4	95.9	96.0	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
IV 800	89.9	94.1	94.9	95.7	96.3	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9
IV 700	89.9	94.2	95.1	95.9	96.7	96.8	97.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 600	89.9	94.3	95.3	96.2	97.0	97.1	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8
IV 500	90.0	94.7	95.8	96.7	97.6	97.8	98.1	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 400	90.1	94.9	95.0	97.0	98.1	98.3	98.7	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3
IV 300	90.1	94.9	95.1	97.2	98.2	98.5	98.9	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.7	99.7
IV 200	90.1	94.9	96.1	97.2	98.2	98.5	98.9	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.8	99.9
IV 100	90.1	94.9	96.1	97.2	98.2	98.5	98.9	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	67.6	68.4	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
≥ 20000	69.2	70.1	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
18000	69.2	70.1	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	69.2	70.1	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
14000	69.3	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
12000	70.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
10000	72.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
9000	72.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
8000	74.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
7000	75.1	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
6000	76.2	77.4	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	77.3	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	78.8	78.8
4500	78.7	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	80.2	80.2
4000	79.8	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
3500	80.3	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
3000	80.8	82.6	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
2500	81.8	83.7	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
2000	84.0	86.4	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	86.8
1800	84.8	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
1500	85.4	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
1200	85.8	88.8	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
1000	86.4	90.1	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	90.9
900	86.7	90.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
800	86.9	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
700	87.1	91.7	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
600	87.2	92.0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
500	87.3	92.2	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
400	87.3	92.2	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
300	87.3	92.6	93.6	94.3	95.0	95.8	96.0	97.0	97.1	97.3	97.4	97.9	97.9	98.1	98.1	98.1
200	87.3	92.7	93.7	94.4	95.9	96.1	97.4	97.6	97.9	98.3	98.9	99.1	99.3	99.3	99.3	99.3
100	87.3	92.7	93.7	94.4	95.9	96.1	97.4	97.6	97.9	98.3	98.9	99.1	99.3	99.3	99.3	99.3
0	87.3	92.7	93.7	94.4	95.9	96.1	97.4	97.6	97.9	98.3	98.9	99.1	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	62.3	64.2	64.6	64.8	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	66.0
≥ 20000	65.0	66.9	67.2	67.4	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.7
≥ 18000	65.0	66.9	67.2	67.4	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.7
≥ 16000	65.0	66.9	67.2	67.4	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.7
≥ 14000	65.0	66.9	67.2	67.4	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.7
≥ 12000	66.1	68.3	68.7	68.9	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	70.1
≥ 10000	68.0	70.2	70.6	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	72.0
≥ 9000	68.0	70.2	70.6	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	72.0
≥ 8000	69.2	71.4	71.8	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	73.2
≥ 7000	69.6	71.8	72.1	72.3	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.6
≥ 6000	70.3	72.7	73.0	73.2	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	74.4
≥ 5000	71.7	74.2	74.7	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	76.1
≥ 4500	73.8	76.6	77.0	77.2	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	78.4
≥ 4000	74.7	77.8	78.2	78.4	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.8
≥ 3500	74.9	78.2	78.7	78.9	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	80.2
≥ 3000	75.8	79.1	79.6	79.8	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	81.1
≥ 2500	76.7	80.3	80.8	81.0	81.3	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	82.3
≥ 2000	78.6	82.6	83.0	83.2	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.7
≥ 1800	79.6	83.8	84.2	84.4	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.9
≥ 1500	81.2	85.7	86.4	86.7	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	88.1
≥ 1200	81.7	86.2	87.0	87.4	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.9
≥ 1000	82.3	87.7	88.7	89.2	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.7
≥ 900	82.7	88.0	89.0	89.6	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	91.0
≥ 800	83.3	89.0	90.3	90.9	91.3	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	92.3
≥ 700	83.4	89.7	91.0	91.6	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	93.0
≥ 600	83.4	89.7	91.1	91.7	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	93.2
≥ 500	83.6	90.0	91.6	92.3	92.9	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	94.1
≥ 400	83.7	90.1	91.8	92.7	93.2	93.2	93.8	93.9	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.8
≥ 300	83.7	90.4	92.1	93.0	93.9	93.9	94.4	95.1	95.4	95.4	95.6	95.6	95.8	95.8	95.8	96.4
≥ 200	83.7	90.4	92.1	93.2	94.1	94.1	95.0	95.7	96.1	96.3	96.9	97.0	97.6	97.6	97.7	98.3
≥ 100	83.7	90.4	92.1	93.2	94.1	94.1	95.0	95.7	96.1	96.4	97.0	97.1	97.8	97.9	98.0	99.1
≥ 0	83.7	90.4	92.1	93.2	94.1	94.1	95.0	95.7	96.1	96.4	97.0	97.1	97.8	97.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF TX
STATION NAME

67-70, 73-78
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	22	21	21	21	20	20	20	25 10	20	20
NO CEILING	57.0	59.7	60.3	60.8	60.9	61.1	61.1	61.4	61.4	61.6	61.8	61.8	61.8	61.9	62.0	62.2
2 20000	59.6	62.2	63.1	63.6	63.8	64.0	64.0	64.3	64.3	64.4	64.7	64.7	64.7	64.8	64.9	65.1
2 18000	59.6	62.2	63.1	63.6	63.8	64.0	64.0	64.3	64.3	64.4	64.7	64.7	64.7	64.8	64.9	65.1
2 16000	59.6	62.2	63.1	63.6	63.8	64.0	64.0	64.3	64.3	64.4	64.7	64.7	64.7	64.8	64.9	65.1
2 14000	59.7	62.3	63.2	63.7	63.9	64.1	64.1	64.4	64.4	64.6	64.8	64.8	64.8	64.9	65.0	65.2
2 12000	60.7	63.3	64.2	64.7	64.9	65.1	65.1	65.4	65.4	65.6	65.8	65.8	65.8	65.9	66.0	66.2
2 10000	64.0	66.9	67.8	68.2	68.4	68.7	68.7	69.0	69.0	69.1	69.3	69.3	69.3	69.4	69.6	69.8
2 9000	64.0	66.9	67.8	68.2	68.4	68.7	68.7	69.0	69.0	69.1	69.3	69.3	69.3	69.4	69.6	69.8
2 8000	65.9	69.2	70.1	70.6	70.8	71.0	71.0	71.3	71.3	71.4	71.7	71.7	71.7	71.8	71.9	72.1
2 7000	66.4	69.8	70.7	71.1	71.3	71.6	71.6	71.9	71.9	72.0	72.2	72.2	72.2	72.3	72.4	72.7
2 6000	66.8	70.3	71.2	71.7	71.9	72.1	72.1	72.6	72.6	72.7	72.9	72.9	72.9	73.0	73.1	73.3
2 5000	68.1	71.9	72.8	73.2	73.4	73.7	73.7	74.1	74.1	74.2	74.4	74.4	74.4	74.6	74.7	74.9
2 4500	68.9	72.7	73.6	74.1	74.3	74.6	74.6	75.0	75.0	75.1	75.3	75.3	75.3	75.4	75.6	75.8
2 4000	69.0	72.9	73.8	74.3	74.6	74.8	74.8	75.2	75.2	75.3	75.6	75.6	75.6	75.7	75.8	76.0
2 3500	69.8	73.7	74.6	75.1	75.3	75.6	75.6	76.0	76.0	76.1	76.3	76.3	76.3	76.4	76.6	76.8
2 3000	70.6	74.6	75.4	76.0	76.2	76.4	76.4	76.9	76.9	77.0	77.2	77.2	77.2	77.3	77.4	77.7
2 2500	72.1	76.2	77.1	77.7	77.9	78.1	78.1	78.6	78.6	78.7	78.9	78.9	78.9	79.0	79.1	79.3
2 2000	73.9	78.6	79.4	80.0	80.2	80.4	80.4	80.9	80.9	81.0	81.2	81.2	81.2	81.3	81.4	81.7
2 1800	74.2	78.9	79.8	80.3	80.7	80.9	80.9	81.3	81.3	81.4	81.7	81.7	81.7	81.8	81.9	82.1
2 1500	75.7	80.8	81.8	82.3	82.8	83.0	83.0	83.4	83.4	83.6	83.8	83.8	83.8	83.9	84.1	84.3
2 1200	76.2	82.0	83.2	83.8	84.2	84.4	84.4	84.9	84.9	85.0	85.2	85.2	85.2	85.3	85.6	85.8
2 1000	77.1	83.3	84.7	85.2	85.8	86.0	86.0	86.4	86.4	86.6	86.8	86.8	86.8	86.9	87.1	87.3
2 900	77.2	83.9	85.3	85.9	86.4	86.7	86.7	87.1	87.1	87.2	87.4	87.4	87.4	87.6	87.8	88.0
2 800	77.6	84.6	86.1	86.8	87.3	87.6	87.6	88.0	88.0	88.1	88.3	88.3	88.3	88.4	88.7	88.9
2 700	77.9	85.0	86.9	87.6	88.1	88.3	88.3	88.8	88.8	88.9	89.1	89.1	89.1	89.2	89.4	89.7
2 600	78.0	85.2	87.1	87.9	88.6	88.8	88.8	89.3	89.3	89.4	89.7	89.7	89.7	89.8	90.0	90.2
2 500	78.1	85.9	87.8	88.8	90.0	90.2	90.3	90.9	90.9	91.1	91.3	91.3	91.3	91.4	91.7	91.9
2 400	78.2	86.3	88.2	89.7	91.3	91.8	92.0	92.8	92.8	93.3	93.7	93.7	93.7	93.8	94.0	94.3
2 300	78.2	86.4	88.3	89.8	91.7	92.2	92.6	93.4	93.8	94.3	94.8	94.8	94.9	95.1	95.6	96.0
2 200	78.2	86.4	88.3	89.8	91.7	92.2	92.9	93.9	94.2	94.8	95.2	95.2	95.3	95.6	96.0	96.4
2 100	78.2	86.4	88.3	89.8	91.7	92.2	92.9	93.9	94.2	94.8	95.2	95.2	95.3	96.0	96.7	98.0
2 0	78.2	86.4	88.3	89.8	91.7	92.2	92.9	93.9	94.2	94.8	95.2	95.2	95.3	96.0	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

7-70, 73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥ 20000	57.6	58.7	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 18000	60.8	62.0	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	61.2	62.4	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	61.8	63.0	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 12000	62.0	63.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000	62.0	64.4	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000	66.0	67.6	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 6000	66.2	67.9	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4000	67.8	69.4	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2000	68.9	70.6	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1000	69.0	70.7	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 500	69.1	70.8	71.6	71.9	71.9	71.9	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 250	69.8	71.4	72.2	72.7	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 100	70.7	72.3	73.1	73.6	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 50	71.2	72.9	73.7	74.1	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 25	72.4	74.1	74.9	75.3	75.4	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 10	73.8	75.8	76.6	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5	74.7	77.3	78.2	78.8	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 2	74.8	77.4	78.3	78.9	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1	76.4	79.8	80.8	81.3	81.6	81.6	81.8	81.8	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.2
≥ 0.5	77.8	81.6	83.0	83.7	83.9	83.9	84.1	84.1	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.6
≥ 0.25	79.7	84.1	85.7	86.4	86.7	86.8	87.1	87.1	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.6
≥ 0.1	79.7	84.7	86.4	87.4	87.8	87.9	88.2	88.4	88.4	88.7	88.7	88.7	88.8	88.8	88.8	88.9
≥ 0.05	79.8	85.2	87.3	88.4	88.9	89.0	89.3	89.6	89.6	89.8	89.8	89.8	89.9	89.9	89.9	90.0
≥ 0.025	80.0	85.7	88.1	89.6	90.2	90.3	90.7	90.9	90.9	91.1	91.1	91.2	91.3	91.3	91.3	91.4
≥ 0.01	80.1	85.9	88.4	90.1	91.0	91.1	91.7	91.9	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.4
≥ 0.005	80.2	86.2	89.1	91.1	92.2	92.3	93.3	93.7	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.2
≥ 0.0025	80.2	86.3	89.3	91.3	92.9	93.3	94.3	95.0	95.2	95.8	96.1	96.1	96.2	96.2	96.2	96.3
≥ 0.001	80.2	86.3	89.6	91.6	93.2	93.7	94.7	95.6	95.9	96.4	97.2	97.4	97.6	97.7	98.1	98.2
≥ 0.0005	80.2	86.3	89.6	91.6	93.2	93.8	94.9	95.9	96.2	96.9	97.8	98.0	98.1	98.2	98.7	98.8
≥ 0.00025	80.2	86.3	89.6	91.6	93.2	93.8	94.9	95.9	96.2	96.9	97.8	98.0	98.1	98.3	99.0	99.6
≥ 0.0001	80.2	86.3	89.6	91.6	93.2	93.8	94.9	95.9	96.2	96.9	97.8	98.0	98.1	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-79

NW

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥	≥	≥	≥	≥10	≥	≥0
NO CEILING	64.6	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
≥ 2000	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 14000	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	72.8	73.2	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	73.6	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	75.0	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	75.2	75.8	75.9	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	75.6	76.1	76.2	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
≥ 5000	75.9	76.4	76.8	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	77.0	77.6	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	78.2	79.0	79.3	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	78.9	79.7	80.0	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	79.9	80.7	81.0	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500	81.9	82.8	83.1	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	83.0	84.2	84.6	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	83.3	84.7	85.0	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	85.0	86.7	87.4	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	86.3	88.3	89.3	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	87.6	90.2	91.8	92.9	93.1	93.1	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	88.0	90.9	92.7	93.8	94.0	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	88.3	91.2	93.1	94.2	94.4	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	88.6	91.7	93.7	94.9	95.1	95.6	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	88.6	91.7	93.8	95.1	95.3	95.9	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	88.6	91.8	93.9	95.2	95.7	96.4	97.1	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	88.6	91.8	94.0	95.3	95.9	96.8	97.6	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	88.6	91.8	94.0	95.3	96.0	96.9	98.0	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 200	88.6	91.8	94.0	95.3	96.1	97.0	98.1	99.0	99.3	99.4	99.4	99.4	99.4	99.7	99.7	99.7
≥ 100	88.6	91.8	94.0	95.3	96.1	97.0	98.1	99.0	99.3	99.4	99.4	99.4	99.4	99.7	99.7	99.7
U	88.6	91.8	94.0	95.3	96.1	97.0	98.1	99.0	99.3	99.4	99.4	99.4	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70,73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	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
≥ 20000	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	70.6	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
≥ 16000	70.6	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	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	78.4	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	78.9	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	79.7	79.7
≥ 4000	80.6	81.3	81.6	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
≥ 3500	82.0	82.8	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	83.7	84.6	85.0	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	85.1	86.0	86.6	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
≥ 2000	86.4	87.6	88.2	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	86.9	88.1	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1500	88.7	90.0	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200	89.6	92.0	92.9	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	90.6	93.3	94.4	94.7	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	90.9	93.8	94.9	95.1	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	91.0	94.2	95.3	95.6	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	91.0	94.4	95.7	95.9	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	91.1	94.6	95.8	96.3	96.4	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	91.1	94.6	95.8	96.3	96.4	97.2	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	91.1	94.7	96.0	96.6	96.9	97.7	98.4	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	91.1	94.7	96.0	96.6	96.9	97.7	98.4	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	91.1	94.7	96.0	96.6	96.9	97.8	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	91.1	94.7	96.0	96.6	96.9	97.8	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	91.1	94.7	96.0	96.6	96.9	97.8	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

07-70, 73-78
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	66.6	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	71.7	72.0	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	71.9	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	71.9	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	71.9	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000	72.4	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	75.0	75.7	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	75.3	76.0	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	77.0	77.7	77.8	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	77.7	78.4	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000	78.6	79.3	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	79.8	80.7	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	80.4	81.6	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	81.4	82.7	82.9	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	82.0	83.3	83.6	83.7	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	83.1	84.4	84.7	84.8	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	84.7	86.4	86.7	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	86.2	88.4	88.7	88.8	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800	86.2	88.6	88.8	88.9	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	87.6	90.4	90.7	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	87.9	90.9	91.1	91.3	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	88.8	92.1	92.7	92.9	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	89.0	92.7	93.3	93.6	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	89.2	93.2	93.9	94.3	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	89.8	94.0	94.9	95.3	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	89.8	94.3	95.2	95.7	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	89.9	94.6	95.6	96.2	97.0	97.3	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	89.9	94.6	95.6	96.4	97.3	97.7	98.0	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	89.9	94.6	95.7	96.8	97.7	98.1	98.4	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	89.9	94.6	95.7	96.8	97.7	98.1	98.4	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	89.9	94.6	95.7	96.8	97.7	98.1	98.4	99.0	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	89.9	94.6	95.7	96.8	97.7	98.1	98.4	99.0	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING, FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	69.3	69.9	70.0	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2000	72.0	72.8	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1800	72.0	72.8	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1600	72.0	72.8	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1400	72.1	72.9	73.0	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1200	73.1	73.9	74.0	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1000	74.8	75.6	75.7	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 900	75.2	76.0	76.1	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 800	77.1	77.9	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 700	77.2	78.0	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 600	78.2	79.0	79.1	79.3	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 500	79.1	80.1	80.2	80.4	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 450	80.1	81.2	81.3	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 400	81.0	82.2	82.4	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 350	81.9	83.2	83.6	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 300	82.4	84.1	84.3	84.7	84.7	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	84.3	86.3	86.6	86.9	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	85.9	88.6	88.8	89.1	89.1	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	86.6	89.3	89.6	89.9	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	86.8	89.8	90.0	90.3	90.3	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	87.0	90.2	90.8	91.2	91.2	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	87.6	90.9	91.6	92.1	92.1	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	88.1	91.6	92.2	92.8	92.8	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	88.4	92.2	93.0	93.6	93.6	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	88.9	92.8	93.8	94.4	94.4	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	89.1	93.8	94.9	95.8	95.8	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	89.1	93.8	94.9	96.1	96.1	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	89.1	94.0	95.2	96.4	96.4	96.7	97.0	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	89.1	94.0	95.6	97.1	97.6	98.1	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	89.1	94.0	95.6	97.1	97.6	98.1	98.6	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	89.1	94.0	95.6	97.1	97.6	98.1	98.6	98.9	99.0	99.1	99.4	99.4	99.4	99.6	99.8	99.8
≥ 0	89.1	94.0	95.6	97.1	97.6	98.1	98.6	98.9	99.0	99.1	99.6	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

57-70, 73-78
YEARS

NUV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	63.6	64.6	64.8	64.9	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.3
≥ 20000	67.2	68.2	68.4	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	69.0
≥ 18000	67.3	68.4	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.2
≥ 16000	67.4	68.5	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.3
≥ 14000	67.7	68.8	69.0	69.1	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.6
≥ 12000	68.5	69.7	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6
≥ 10000	70.9	72.2	72.5	72.6	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.1
≥ 9000	71.2	72.5	72.8	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.4
≥ 8000	72.8	74.2	74.5	74.6	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.1
≥ 7000	73.4	74.8	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.7
≥ 6000	74.1	75.5	75.8	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.5
≥ 5500	74.9	76.5	76.6	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.6
≥ 4500	75.9	77.6	77.9	78.2	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.7
≥ 4000	76.9	78.7	79.1	79.4	79.5	79.5	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	80.0
≥ 3500	77.6	79.5	79.9	80.2	80.3	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.8
≥ 3000	78.6	80.5	80.9	81.2	81.3	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.9
≥ 2500	80.0	82.2	82.6	82.9	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.7
≥ 2000	81.6	84.2	84.7	85.0	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.8
≥ 1800	82.0	84.8	85.3	85.6	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.3
≥ 1500	83.3	86.4	87.1	87.4	87.6	87.7	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.1	88.2
≥ 1200	84.0	87.5	88.3	88.8	89.0	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.7
≥ 1000	85.0	89.0	90.0	90.5	90.8	91.0	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.5	91.6
≥ 900	85.3	89.5	90.7	91.2	91.5	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.3
≥ 800	85.6	90.1	91.4	92.0	92.3	92.5	92.7	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.2
≥ 700	85.8	90.6	92.1	92.7	93.0	93.3	93.5	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	94.0
≥ 600	85.9	90.9	92.4	93.2	93.6	93.8	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.6
≥ 500	86.0	91.1	92.7	93.7	94.3	94.7	95.1	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.9
≥ 400	86.0	91.3	92.9	94.0	94.9	95.3	95.9	96.3	96.4	96.7	96.8	96.8	96.8	96.9	96.9	97.1
≥ 300	86.0	91.3	93.1	94.3	95.3	95.8	96.5	97.1	97.3	97.5	97.8	97.8	97.9	97.9	98.1	98.2
≥ 200	86.0	91.4	93.1	94.3	95.4	95.9	96.8	97.2	97.6	97.9	98.3	98.4	98.6	98.6	98.8	98.9
≥ 100	86.0	91.4	93.1	94.3	95.4	95.9	96.8	97.4	97.7	98.0	98.4	98.5	98.7	98.9	99.1	99.6
≥ 0	86.0	91.4	93.1	94.3	95.4	95.9	96.8	97.4	97.7	98.0	98.4	98.5	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION NUMBER

FT SILL AAF DK
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1.0	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	70.2	71.5	72.0	72.2	72.5	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 20000	71.8	73.2	73.8	73.9	74.2	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5
≥ 18000	71.8	73.2	73.8	73.9	74.2	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5
≥ 16000	71.8	73.2	73.8	73.9	74.2	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5
≥ 14000	72.0	73.4	74.0	74.1	74.4	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7
≥ 12000	73.0	74.4	74.9	75.1	75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7
≥ 10000	74.4	75.8	76.3	76.5	76.8	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1
≥ 9000	74.4	75.8	76.3	76.5	76.8	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1
≥ 8000	76.0	77.5	78.1	78.2	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8
≥ 7000	76.5	78.0	78.5	78.6	78.9	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2
≥ 6000	77.0	78.5	79.0	79.1	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 5000	77.6	79.1	79.7	79.8	80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 4500	78.5	80.0	80.5	80.6	81.0	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3
≥ 4000	79.0	80.6	81.2	81.3	81.6	81.6	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9
≥ 3500	80.3	82.0	82.6	82.7	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 3000	80.4	82.2	82.8	82.9	83.2	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5
≥ 2500	81.7	83.5	84.3	84.5	84.9	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 2000	83.3	85.2	85.9	86.1	86.6	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1
≥ 1800	83.5	85.4	86.1	86.3	86.8	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3
≥ 1500	84.9	87.7	88.6	88.8	89.2	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥ 1200	85.8	89.0	90.0	90.2	90.6	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2
≥ 1000	86.1	89.6	90.6	91.0	91.4	91.6	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.3	92.3
≥ 900	86.2	90.2	91.3	91.6	92.0	92.3	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9
≥ 800	86.5	90.9	92.3	92.7	93.1	93.3	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 700	86.7	91.2	92.9	93.4	93.9	94.1	94.3	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.8	94.8
≥ 600	86.7	91.4	93.1	93.8	94.2	94.4	94.7	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 500	86.7	91.4	93.1	93.8	94.3	94.5	94.9	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.8	95.8
≥ 400	86.7	91.4	93.1	93.8	94.4	94.6	95.2	95.4	95.4	95.7	95.9	95.9	95.9	95.9	96.0	96.0
≥ 300	86.8	91.8	93.5	94.9	95.7	96.2	96.9	97.3	97.3	97.6	97.8	98.0	98.0	98.0	98.1	98.1
≥ 200	86.8	91.8	93.5	94.9	95.8	96.5	97.1	97.6	97.7	98.1	98.3	98.4	98.4	98.5	98.6	98.6
≥ 100	86.8	91.8	93.5	94.9	95.8	96.5	97.2	98.0	98.1	98.4	98.6	98.7	98.7	98.8	98.9	98.9
≥ 0	86.8	91.8	93.5	94.9	95.8	96.5	97.2	98.1	98.2	98.5	98.7	98.8	98.8	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF DK
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING	68.1	69.5	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.6	70.8
≥ 20000	69.6	71.1	71.7	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.3	72.4
≥ 18000	69.6	71.1	71.7	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.3	72.4
≥ 16000	69.7	71.2	71.8	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.3	72.3	72.3	72.3	72.4	72.5
≥ 14000	69.8	71.3	71.9	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.5	72.6
≥ 12000	71.0	72.5	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.7	73.8
≥ 10000	73.3	74.8	75.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9	76.0	76.1
≥ 9000	73.3	74.8	75.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9	76.0	76.1
≥ 8000	74.2	76.0	76.7	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.2	77.3
≥ 7000	74.5	76.3	77.0	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.5	77.6
≥ 6000	75.2	77.1	77.7	77.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.3	78.4
≥ 5000	75.8	77.7	78.4	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.9	79.0
≥ 4500	76.3	78.5	79.1	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.7	79.8
≥ 4000	76.6	78.7	79.4	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.9	80.0
≥ 3500	77.4	79.9	80.5	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.1	81.2
≥ 3000	78.2	81.0	81.6	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.3	82.4
≥ 2500	79.7	82.6	83.2	83.2	83.3	83.5	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	84.0	84.1
≥ 2000	81.0	83.9	84.5	84.5	84.6	84.8	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.3	85.4
≥ 1800	81.4	84.3	84.9	84.9	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.7	85.8
≥ 1500	83.8	87.2	87.8	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.6	88.7
≥ 1200	84.4	88.5	89.4	89.4	89.5	89.7	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.1	90.2
≥ 1000	85.2	89.7	91.0	91.1	91.3	91.5	91.8	91.9	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.3	92.4
≥ 900	85.2	89.8	91.1	91.3	91.5	91.7	92.0	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.5	92.6
≥ 800	85.2	90.2	91.5	91.9	92.2	92.4	92.7	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.1	93.2
≥ 700	85.5	90.6	92.2	92.6	92.8	93.0	93.3	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.8	93.9
≥ 600	85.5	90.8	92.4	92.9	93.1	93.3	93.7	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.1	94.2
≥ 500	85.7	91.4	93.1	93.7	94.0	94.3	94.7	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.2	95.3
≥ 400	85.7	91.5	93.2	93.9	94.2	94.5	95.1	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.6	95.7
≥ 300	85.7	91.5	93.3	94.2	94.9	95.3	95.8	95.9	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.3	96.5
≥ 200	85.7	91.5	93.3	94.2	95.4	95.7	96.2	96.6	96.6	96.6	96.6	96.7	97.2	97.2	97.2	97.4	97.7
≥ 100	85.7	91.5	93.3	94.2	95.4	95.7	96.2	96.8	96.8	96.8	96.8	96.9	97.7	97.7	97.7	98.0	98.4
≥ 0	85.7	91.5	93.3	94.2	95.4	95.7	96.2	96.8	96.8	96.8	96.8	96.9	97.7	97.7	97.7	98.1	98.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
MO. 15-15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	62.5	63.9	64.3	64.4	64.5	64.6	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.5	65.6	65.8
≥ 18000	67.2	68.7	69.1	69.2	69.4	69.5	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.4	70.6
≥ 15000	67.2	68.7	69.1	69.2	69.4	69.5	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.4	70.6
≥ 14000	67.3	68.8	69.2	69.4	69.5	69.6	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.5	70.8
≥ 12000	68.4	69.9	70.3	70.4	70.5	70.6	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.6	71.8
≥ 10000	69.9	71.4	71.8	71.9	72.0	72.2	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.0	73.1	73.3
≥ 9000	70.4	71.9	72.4	72.5	72.6	72.7	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.5	73.7	73.9
≥ 8000	71.4	73.0	73.4	73.5	73.7	73.8	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.6	74.7	74.9
≥ 7000	71.8	73.4	73.9	74.0	74.1	74.2	74.8	74.8	74.8	74.8	74.9	74.9	74.9	75.1	75.2	75.4
≥ 6000	72.4	74.0	74.4	74.5	74.6	74.7	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.6	75.7	75.9
≥ 5000	72.9	74.5	74.9	75.1	75.2	75.3	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.1	76.2	76.5
≥ 4500	73.5	75.2	75.6	75.7	75.8	75.9	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.9	77.1
≥ 4000	74.3	76.0	76.5	76.6	76.7	76.8	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.6	77.7	78.0
≥ 3500	74.7	76.9	77.3	77.4	77.5	77.6	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.6	78.8
≥ 3000	75.3	77.4	77.8	78.0	78.2	78.5	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.4	79.5	79.7
≥ 2500	75.9	78.2	78.7	78.8	78.9	79.2	79.4	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.3	80.5
≥ 2000	78.1	80.4	81.3	81.6	82.0	82.2	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.1	83.3
≥ 1800	78.8	81.3	82.2	82.5	82.9	83.0	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.9	84.0	84.2
≥ 1500	81.0	83.7	84.6	84.9	85.4	85.5	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.3	86.5	86.7
≥ 1200	81.9	85.5	86.6	87.1	87.5	87.6	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.5	88.6	88.8
≥ 1000	82.8	86.9	88.0	88.5	88.9	89.2	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.9	90.0	90.3
≥ 900	83.1	87.2	88.3	88.9	89.4	89.5	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.4	90.8
≥ 800	83.2	87.6	88.7	89.7	90.2	90.3	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.3	91.6
≥ 700	83.4	88.0	89.2	90.2	90.8	90.9	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.7	91.8	92.2
≥ 600	83.4	88.1	89.3	90.4	91.2	91.3	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.3	92.4	92.7
≥ 500	83.4	88.2	89.8	91.0	91.9	92.0	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.7	94.0
≥ 400	83.4	88.2	90.0	91.4	92.5	92.6	93.9	94.3	94.3	94.3	94.4	94.4	94.4	94.5	94.6	94.9
≥ 300	83.4	88.3	90.1	91.8	92.7	92.8	94.2	94.7	94.7	94.9	95.1	95.1	95.1	95.3	95.5	95.8
≥ 200	83.4	88.3	90.1	91.7	93.0	93.2	95.1	95.7	95.7	95.8	96.0	96.3	96.3	96.6	97.0	97.7
≥ 100	83.4	88.3	90.1	91.7	93.0	93.2	95.1	95.8	95.8	96.1	96.9	96.9	97.1	97.7	98.7	99.1
≥ "	83.4	88.3	90.1	91.7	93.0	93.2	95.1	95.8	95.8	96.1	96.9	97.0	97.3	98.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	61.6	62.6	62.9	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	68.2	69.7	70.3	70.3	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8
≥ 18000	68.2	69.7	70.0	70.2	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8
≥ 16000	68.2	69.7	70.0	70.2	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8
≥ 14000	68.6	70.1	70.4	70.6	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2
≥ 12000	69.1	70.6	71.0	71.2	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7
≥ 10000	70.0	71.5	71.8	72.0	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6
≥ 9000	70.1	71.6	71.9	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7
≥ 8000	71.4	72.9	73.2	73.4	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0
≥ 7000	72.2	73.7	74.0	74.2	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7
≥ 6000	72.4	73.9	74.2	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9
≥ 5000	73.5	75.2	75.5	75.7	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2
≥ 4500	74.2	75.8	76.1	76.3	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9
≥ 4000	74.8	76.5	76.9	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6
≥ 3500	75.2	76.8	77.2	77.4	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0
≥ 3000	75.9	77.6	78.1	78.3	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0
≥ 2500	76.8	78.5	79.0	79.2	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0
≥ 2000	78.5	80.6	81.6	81.9	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7
≥ 1800	79.2	81.5	82.7	83.0	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8
≥ 1500	81.1	83.9	85.1	85.4	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1
≥ 1200	82.8	86.1	87.4	87.7	88.2	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
≥ 1000	83.1	87.0	88.4	88.9	89.4	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.3
≥ 900	83.7	88.2	89.6	90.3	90.8	91.0	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.8
≥ 800	83.7	88.4	89.9	90.8	91.3	91.5	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.4
≥ 700	83.9	88.8	90.6	91.6	92.2	92.4	92.5	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.2
≥ 600	84.0	89.0	91.1	92.0	92.9	93.2	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.3
≥ 500	84.1	89.4	91.4	92.6	93.5	94.0	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	95.2
≥ 400	84.1	89.5	92.0	93.2	94.4	94.9	95.3	96.0	96.1	96.3	96.3	96.3	96.5	96.6	96.6	96.8
≥ 300	84.1	89.5	92.2	93.3	94.5	95.1	95.7	96.7	96.9	97.5	98.0	98.0	98.2	98.4	98.4	98.6
≥ 200	84.1	89.5	92.2	93.3	94.5	95.1	95.7	96.9	97.1	97.8	98.3	98.3	98.8	99.0	99.1	99.5
≥ 100	84.1	89.5	92.2	93.3	94.5	95.1	95.7	96.9	97.1	98.0	98.4	98.4	98.9	99.1	99.4	99.7
≥ 0	84.1	89.5	92.2	93.3	94.5	95.1	95.7	96.9	97.1	98.0	98.5	98.5	99.0	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	63.2	63.7	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	70.1	70.8	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	70.1	70.8	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	70.1	70.8	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	70.8	71.4	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 12000	72.6	73.2	73.3	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	73.3	74.0	74.2	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
≥ 9000	74.2	74.8	75.1	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	74.9	75.6	75.8	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	75.3	75.9	76.1	76.2	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	75.6	76.6	76.8	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5500	76.5	77.5	77.7	77.8	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	76.9	78.0	78.2	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	77.6	78.7	78.9	79.0	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	77.8	78.9	79.1	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	79.4	80.4	80.6	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	81.3	82.6	83.0	83.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	83.2	84.7	85.2	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	85.1	86.6	87.0	87.4	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	87.4	89.2	89.7	90.1	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	88.4	90.8	91.4	91.8	92.3	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	88.8	91.5	92.2	92.7	93.1	93.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	89.0	91.9	92.6	93.2	93.8	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	89.0	92.0	93.0	93.9	94.4	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	89.0	92.0	93.0	94.0	94.7	95.2	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	89.0	92.0	93.1	94.1	95.1	95.6	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	89.0	92.0	93.2	94.2	95.3	95.8	96.7	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 400	89.1	92.2	93.4	94.6	96.0	96.6	97.6	98.2	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 300	89.1	92.2	93.4	94.6	96.1	96.7	97.8	98.6	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4
≥ 200	89.1	92.2	93.4	94.6	96.1	96.7	97.8	98.8	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	89.1	92.2	93.4	94.6	96.1	96.7	97.8	98.8	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	89.1	92.2	93.4	94.6	96.1	96.7	97.8	98.8	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING - FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
18000	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
16000	72.7	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
14000	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
12000	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
10000	77.0	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
9000	77.3	77.7	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
8000	78.8	79.2	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
7000	79.4	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
6000	79.9	80.4	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
5000	80.9	81.4	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
4500	81.7	82.3	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
4000	82.6	83.1	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
3500	82.9	83.5	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
3000	84.6	85.3	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
2500	86.7	87.3	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2000	88.5	89.1	89.7	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1800	89.4	90.4	91.0	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1500	89.9	91.4	91.9	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
1200	90.6	92.4	93.1	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
1000	90.8	92.6	93.3	94.2	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
900	90.8	92.8	93.5	94.5	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
800	90.8	93.0	93.8	94.7	95.2	95.2	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7
700	90.8	93.1	93.9	94.8	95.5	95.6	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1
600	90.8	93.1	93.9	94.9	96.0	96.1	96.6	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
500	90.9	93.3	94.1	95.3	96.3	96.6	97.2	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
400	90.9	93.3	94.1	95.3	96.5	96.7	97.3	98.0	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9
300	90.9	93.3	94.1	95.3	96.5	96.7	97.3	98.2	98.2	98.9	99.1	99.1	99.1	99.2	99.2	99.2
200	90.9	93.3	94.1	95.3	96.5	96.7	97.3	98.2	98.2	98.9	99.4	99.4	99.4	99.6	99.6	99.6
100	90.9	93.3	94.1	95.3	96.5	96.7	97.3	98.2	98.2	98.9	99.4	99.4	99.4	99.6	99.6	99.6
	90.9	93.3	94.1	95.3	96.5	96.7	97.3	98.2	98.2	98.9	99.4	99.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70,73-78
YEAR

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURLY PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	69.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 20000	73.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000	73.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 16000	73.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000	73.4	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 12000	76.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	77.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 9000	77.8	78.7	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000	78.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	79.1	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	79.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	80.3	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	80.7	81.7	81.7	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
≥ 4000	81.8	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3500	83.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	84.8	85.9	85.9	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
≥ 2500	86.6	87.7	87.7	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
≥ 2000	87.7	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	88.5	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	89.1	90.8	90.8	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
≥ 1200	89.8	91.9	92.0	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	90.2	92.6	92.9	93.0	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	90.2	92.8	93.2	93.3	93.5	93.7	93.9	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2
≥ 800	90.3	93.2	93.9	94.2	94.7	95.0	95.1	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5
≥ 700	90.3	93.4	94.1	94.4	95.0	95.4	95.5	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8
≥ 600	90.5	93.9	94.6	95.0	96.0	96.3	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	90.5	94.0	94.7	95.4	96.4	96.8	97.0	97.3	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	90.5	94.1	94.8	95.6	96.8	97.1	97.7	98.1	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	90.5	94.1	94.8	95.6	96.8	97.1	98.1	98.5	98.5	99.0	99.2	99.2	99.2	99.5	99.5	99.5
≥ 200	90.5	94.1	94.8	95.6	96.8	97.1	98.1	98.5	98.5	99.0	99.2	99.2	99.2	99.7	99.7	99.7
≥ 100	90.5	94.1	94.8	95.6	96.8	97.1	98.1	98.5	98.5	99.1	99.4	99.4	99.4	99.8	99.8	99.9
≥ "	90.5	94.1	94.8	95.6	96.8	97.1	98.1	98.5	98.5	99.1	99.4	99.4	99.4	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAF-ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

07-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO. CEILING	71.1	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 20000	73.7	75.0	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	73.7	75.0	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	73.7	75.0	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	74.0	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 12000	75.7	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	78.0	79.3	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	78.1	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	78.6	79.9	79.9	79.9	80.0	80.0	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000	78.9	80.2	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	79.7	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	80.3	81.6	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	80.9	82.2	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	81.6	83.0	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	82.6	84.0	84.0	84.0	84.1	84.1	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	83.1	84.6	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	84.5	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	86.0	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	86.4	88.1	88.1	88.2	88.3	88.3	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	87.3	90.2	90.3	90.4	90.5	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	87.6	90.7	90.8	90.9	91.0	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	87.8	91.4	91.6	91.7	91.8	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	88.1	92.1	92.3	92.4	92.7	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	88.1	92.6	93.1	93.2	93.4	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	88.2	93.1	93.7	94.2	94.5	94.8	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	88.5	93.4	94.2	94.6	95.0	95.4	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	88.5	93.4	94.2	94.7	95.4	95.7	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	88.5	93.4	94.4	95.1	95.9	96.2	96.7	97.0	97.2	97.3	97.6	97.8	97.8	97.8	97.8	97.8
≥ 300	88.5	93.5	94.5	95.6	96.4	96.9	97.4	98.1	98.3	98.4	98.7	98.9	99.1	99.1	99.1	99.1
≥ 200	88.5	93.5	94.7	95.8	96.7	97.2	97.7	98.4	98.6	98.9	99.2	99.5	99.7	99.7	99.7	99.8
≥ 100	88.5	93.5	94.7	95.8	96.7	97.2	97.7	98.4	98.6	98.9	99.2	99.5	99.7	99.7	99.7	99.9
≥ 0	88.5	93.5	94.7	95.8	96.7	97.2	97.7	98.4	98.6	98.9	99.2	99.5	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO. OF OBS.	20600	20600	20600	20600	20600	20600	20600	20600	20600	20600	20600	20600	20600	20600	20600	20600
≥ 20000	66.5	67.4	67.7	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2
≥ 18000	70.8	71.9	72.2	72.2	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.7
≥ 16000	70.8	71.9	72.2	72.3	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7
≥ 14000	71.1	72.2	72.5	72.5	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0
≥ 12000	72.7	73.8	74.1	74.1	74.2	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6
≥ 10000	74.2	75.3	75.6	75.7	75.8	75.8	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2
≥ 9000	74.5	75.6	75.9	76.0	76.1	76.1	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5
≥ 8000	75.5	76.7	77.0	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6
≥ 7000	76.0	77.2	77.5	77.5	77.7	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0
≥ 6000	76.5	77.8	78.0	78.1	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6
≥ 5000	77.2	78.5	78.8	78.9	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4
≥ 4500	77.8	79.2	79.5	79.6	79.7	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1
≥ 4000	78.5	79.9	80.2	80.3	80.4	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8
≥ 3500	79.3	80.8	81.1	81.2	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 3000	80.2	81.8	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.9
≥ 2500	81.6	83.3	83.7	83.9	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 2000	83.3	85.1	85.6	85.8	86.0	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.5	86.5
≥ 1800	84.0	85.9	86.5	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.4
≥ 1500	85.6	88.0	88.6	88.8	89.1	89.2	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.6	89.6
≥ 1200	86.4	89.4	90.1	90.3	90.6	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2
≥ 1000	86.8	90.1	91.0	91.4	91.7	91.9	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5
≥ 900	87.0	90.6	91.5	92.0	92.3	92.5	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.2
≥ 800	87.1	91.0	92.0	92.6	93.1	93.3	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0
≥ 700	87.2	91.3	92.5	93.2	93.7	93.9	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.6	94.6
≥ 600	87.3	91.5	92.7	93.5	94.2	94.5	94.9	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.5	95.5
≥ 500	87.3	91.6	93.0	93.8	94.6	95.1	95.5	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.2	96.3
≥ 400	87.4	91.7	93.1	94.1	95.1	95.6	96.1	96.5	96.6	96.8	97.0	97.0	97.1	97.1	97.2	97.2
≥ 300	87.4	91.8	93.2	94.4	95.5	95.8	96.7	97.2	97.3	97.7	97.9	98.0	98.1	98.1	98.2	98.3
≥ 200	87.4	91.8	93.3	94.4	95.6	96.0	96.9	97.6	97.7	98.1	98.5	98.5	98.7	98.8	98.9	99.1
≥ 100	87.4	91.8	93.3	94.4	95.6	96.0	96.9	97.7	97.8	98.2	98.7	98.7	98.9	99.1	99.3	99.5
≥ 0	87.4	91.8	93.3	94.4	95.6	96.0	96.9	97.7	97.8	98.2	98.7	98.8	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 13945 FT SILL AAF OK YEAR: 7-70, 73-79 MONTHS: ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	62.7	64.3	64.7	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2
IV 18000	67.7	69.5	69.9	70.1	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6
IV 16000	67.8	69.6	70.0	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6
IV 14000	68.2	70.0	70.4	70.6	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0
IV 12000	69.5	71.3	71.8	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
IV 10000	72.1	74.1	74.5	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2
IV 9000	72.6	74.6	75.1	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7
IV 8000	74.4	76.5	77.0	77.2	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7
IV 7000	75.2	77.4	77.9	78.2	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7
IV 6000	76.1	78.4	78.9	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7
IV 5000	77.3	79.7	80.3	80.6	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1
IV 4500	78.2	80.7	81.3	81.6	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.2
IV 4000	79.4	82.1	82.8	83.1	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7
IV 3500	80.2	83.1	83.7	84.1	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7
IV 3000	81.2	84.1	84.8	85.2	85.4	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9
IV 2500	82.3	85.5	86.2	86.6	86.9	87.0	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.4
IV 2000	83.6	87.0	87.8	88.3	88.6	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0
IV 1800	84.0	87.6	88.4	88.9	89.2	89.3	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7
IV 1500	85.0	89.0	90.0	90.5	90.8	90.9	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
IV 1200	85.7	90.0	91.1	91.7	92.1	92.2	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.7
IV 1000	86.2	91.0	92.2	92.8	93.3	93.4	93.6	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.0
IV 900	86.4	91.3	92.7	93.3	93.8	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5
IV 800	86.6	91.8	93.2	94.0	94.5	94.7	94.9	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3
IV 700	86.7	92.1	93.6	94.4	95.1	95.3	95.5	95.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
IV 600	86.7	92.3	93.9	94.8	95.5	95.8	96.0	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
IV 500	86.8	92.5	94.2	95.2	96.1	96.4	96.8	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.4
IV 400	86.9	92.6	94.4	95.5	96.5	96.9	97.4	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.2	98.2
IV 300	86.9	92.6	94.5	95.6	96.8	97.2	97.7	98.2	98.3	98.6	98.7	98.7	98.8	98.8	98.9	98.9
IV 200	86.9	92.6	94.5	95.7	96.8	97.2	97.8	98.3	98.5	98.8	99.0	99.0	99.2	99.2	99.3	99.4
IV 100	86.9	92.6	94.5	95.7	96.8	97.2	97.8	98.3	98.5	98.8	99.1	99.1	99.3	99.4	99.5	99.7
IV 0	86.9	92.6	94.5	95.7	96.8	97.2	97.8	98.3	98.5	98.8	99.1	99.1	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 87633

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS
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

13945 STATION FT SILL AAF OK STATION NAME 73-79 PERIOD JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	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	38.1			17.2						9.0	35.7	4.9	645
	03-05	36.8			17.9						7.6	37.9	5.0	647
	06-08	26.7			19.9						13.4	39.9	5.8	647
	09-11	20.6			19.9						20.2	39.3	6.3	647
	12-14	20.0			25.4						18.2	36.5	6.0	650
	15-17	16.9			28.1						17.5	37.5	6.2	651
	18-20	24.0			27.0						16.1	32.9	5.5	651
	21-23	35.1			21.5						10.9	32.5	4.9	650
	TOTALS	27.3			22.1						14.1	36.5	5.6	5188

2
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

13945
 STATION

FT SILL AAF DK
 STATION NAME

73-78
 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	42.4			17.0							11.0	29.1	4.4	557
	03-05	36.3			18.0							13.3	32.5	5.0	557
	06-08	19.9			24.1							19.2	36.8	6.1	557
	09-11	15.2			23.1							22.9	38.7	6.6	558
	12-14	15.8			24.4							26.2	33.7	6.5	558
	15-17	15.9			29.7							25.8	28.6	6.1	555
	18-20	20.4			29.1							21.0	29.5	5.7	539
	21-23	39.5			18.6							16.1	25.8	4.6	547
	TOTALS	25.7			23.1							19.4	31.8	5.6	4428

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

13945 FT SILL AAF OK
STATION STATION NAME

73-78
PERIOD

APR
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	37.8			18.5						12.2	31.5	4.8	540
	03-05	36.3			17.2						14.4	32.0	5.0	540
	06-08	23.2			21.3						22.8	32.7	6.0	539
	09-11	20.2			23.7						23.3	32.8	6.1	540
	12-14	18.2			25.7						28.1	28.1	6.1	538
	15-17	18.6			25.3						26.6	29.4	6.1	537
	18-20	20.0			30.5						23.0	26.5	5.6	535
	21-23	35.1			18.6						15.4	31.0	5.0	539
	TOTALS	26.2			22.6						20.7	30.5	5.6	4308

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13945 FT SILL AAF TX
STATION STATION NAME

73-78 PERIOD

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	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	36.7			17.6						14.5	31.2	5.0	558
	03-05	31.9			18.0						15.3	34.8	5.4	555
	06-08	15.1			25.0						27.6	32.3	6.5	548
	09-11	18.7			23.2						30.7	27.5	6.2	557
	12-14	17.1			28.6						28.4	25.9	6.0	556
	15-17	15.2			31.6						28.7	24.5	6.0	554
	18-20	18.5			28.9						26.9	25.8	5.9	558
	21-23	33.6			21.2						15.8	29.4	5.0	557
TOTALS		23.4			24.3						23.5	26.9	5.8	4443

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13945
STATION

FT SILL AAF OK
STATION NAME

73-78
PERIOD

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	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	40.1			25.2						17.4	17.3	4.1	539
	03-05	32.4			30.7						18.7	18.1	4.4	540
	06-08	16.3			30.6						32.5	20.6	5.9	539
	09-11	18.0			35.4						28.8	17.8	5.4	539
	12-14	12.2			44.3						31.1	12.4	5.4	540
	15-17	14.1			50.3						26.9	8.7	4.8	539
	18-20	18.0			46.3						27.4	8.3	4.7	540
	21-23	29.6			38.9						19.6	11.9	4.1	540
	TOTALS	22.6			37.7						25.3	14.4	4.9	4316

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

13945
STATION

FT SILL AAF OK
STATION NAME

73-78
PERIOD

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (U.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	48.6			29.0						10.5	11.9	3.0	555
	03-05	40.6			30.7						19.4	9.3	3.6	557
	06-08	17.1			43.2						25.5	14.2	5.0	556
	09-11	16.5			45.5						25.3	12.7	4.9	558
	12-14	3.2			52.7						34.9	9.1	5.5	558
	15-17	2.9			56.2						33.0	7.9	5.4	557
	18-20	10.6			53.8						23.6	12.1	4.9	556
	21-23	35.7			38.9						14.4	11.0	3.6	555
TOTALS		21.9			43.8						23.3	11.0	4.5	4452

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SKY COVER

13945
 STATION

FT SILL AAF OK
 STATION NAME

73-78
 PERIOD

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	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	34.4			24.1							14.6	26.9	4.7	540
	03-05	32.7			25.6							14.5	27.3	4.8	539
	06-08	16.3			30.2							24.3	29.1	6.0	539
	09-11	16.1			30.9							21.7	31.3	6.0	540
	12-14	12.4			34.4							24.8	28.3	6.1	540
	15-17	14.4			35.0							28.7	21.9	5.8	540
	18-20	21.5			36.9							20.9	20.7	5.1	540
	21-23	34.2			30.1							14.3	21.4	4.3	538
	TOTALS	22.8			30.9							20.5	25.9	5.4	4316

USAF/TAC FORM JUL 64 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

13945
 STATION

FT SILL AAF PK
 STATION NAME

73-78
 PERIOD

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	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	42.2			17.0						8.8	32.1	4.5	536
	03-05	38.4			15.0						8.3	37.5	5.0	531
	06-08	24.0			20.4						17.4	38.2	6.0	534
	09-11	19.8			23.5						19.8	36.9	6.2	540
	12-14	18.5			29.4						20.7	31.3	5.9	540
	15-17	19.1			28.0						24.6	28.3	5.9	540
	18-20	30.5			22.1						17.7	29.7	5.2	538
	21-23	44.6			13.4						12.8	29.2	4.5	538
	TOTALS	29.6			21.2						16.3	32.9	5.4	4297

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GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAJ

SKY COVER

13945
STATION

FT SILL AAF OK
STATION NAME

73-78
PERIOD

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	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	42.9			25.8						7.0	24.3	3.8	555
	03-05	41.8			22.0						11.4	24.9	4.2	555
	06-08	30.1			25.3						19.9	24.7	5.0	554
	09-11	23.8			27.1						20.1	29.0	5.5	558
	12-14	21.9			28.4						23.2	26.4	5.6	556
	15-17	19.9			33.0						21.7	24.8	5.4	557
	18-20	27.1			34.4						15.2	23.3	4.7	558
	21-23	40.7			24.9						10.9	23.5	4.1	558
TOTALS		31.0			27.7						16.2	25.1	4.8	4451

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SKY COVER

13045
 STATION

FT SILL AAF OK
 STATION NAME

73-79
 PERIOD

ALL
 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	27.3			22.1						14.1	36.5	5.6	5188
FEB		28.7			19.9						16.3	35.2	5.6	4674
MAR		25.7			23.1						19.4	31.8	5.6	4428
APR		26.2			22.6						20.7	30.5	5.6	4303
MAY		23.4			24.3						23.5	28.9	5.8	4443
JUN		22.6			37.7						25.3	14.4	4.9	4316
JUL		21.9			43.8						23.3	11.0	4.5	4452
AUG		24.0			38.5						23.6	13.9	4.7	4464
SEP		22.8			30.9						20.5	25.9	5.4	4316
OCT		40.6			22.2						15.8	21.5	4.3	4455
		29.6			21.2						16.3	32.9	5.4	4297
DEC		31.0			27.7						16.2	25.1	4.8	4451
TOTALS		27.0			27.8						19.6	25.6	5.2	53792

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:

NOTE: Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OL A to present these data may result in differences not exceeding $\pm 1^{\circ}\text{F}$ from directly converted values but excludes no Fahrenheit values.

- 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.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

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

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

C
2
III
C

CLIMATE CLIMATOLOGY BRANCH
 USAF TAC
 AIR MAINTENANCE SERVICE/ TAC
 13945 F1 SILL AAF OK
 STATION STATION NAME

DAILY TEMPERATURES

(7-7)

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
110						.1	.2						.0
105					.1	.7	1.5	4.2	.2				.7
100			.1		.6	7.0	22.4	21.3	3.8	.1			4.7
95			.2	.7	4.1	24.8	55.2	46.7	16.7	1.2			12.6
90			1.4	3.7	14.3	53.2	76.0	73.8	36.4	7.2			22.5
85		.7	4.5	12.2	34.0	76.3	91.6	70.2	57.7	18.6		.1	32.4
80	.2	2.1	10.6	28.1	58.7	91.3	97.7	97.2	74.0	37.3	3.7	.5	42.0
75	1.3	6.5	20.1	48.0	78.2	96.1	99.7	99.5	86.8	53.9	13.4	1.8	50.7
70	6.5	13.0	33.1	65.1	90.0	99.0	100.0	99.9	94.1	72.7	23.1	6.2	59.3
65	14.0	25.5	48.7	80.7	96.0	99.7		100.0	97.8	85.3	43.2	14.4	67.3
60	25.4	39.8	62.4	90.0	98.0	100.0			99.3	93.4	59.4	28.8	75.0
55	37.0	51.0	74.6	96.2	99.5				100.0	97.1	73.4	46.1	81.4
50	50.4	65.6	83.5	98.8	99.9					99.0	84.0	63.0	87.1
45	64.5	76.2	90.4	99.7	100.0					99.8	92.2	77.0	91.7
40	74.7	86.2	96.2	99.9						100.0	94.0	85.5	94.9
35	82.5	92.2	98.9	100.0							94.9	92.4	97.1
30	90.4	96.1	99.6								100.0	96.7	98.6
25	94.5	99.1	99.8									99.1	99.4
20	97.6	100.0	100.0									100.0	99.8
15	99.8												100.0
10	100.0												100.0
MEAN	48.9	54.4	63.1	73.2	80.7	89.4	94.4	93.7	85.4	75.3	61.6	52.6	72.7
S D	13.986	13.424	13.137	9.878	8.233	7.291	6.579	6.881	9.206	10.006	11.253	11.575	12.822
TOTAL OBS	930	847	730	900	930	900	830	430	900	750	700	730	10937

USAF ETAC FORM 0-21-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATE DIVISION
 US AIR FORCE
 AIR MATER SERVICE/MAC
 1394 FT SILL AAF TX
 STATION STATION NAME

DAILY TEMPERATURES

1967 YEARS

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							3.4	1.3	.1				.5
65					.5	12.2	20.7	22.0	2.7	.1			5.7
70				.1	6.0	47.0	80.3	70.9	25.2	1.6			19.4
75			.1	6.0	24.3	77.0	96.8	93.0	50.4	8.5	.1		29.9
80	.2	.1	1.5	18.0	56.7	94.0	99.4	98.5	71.3	20.1	1.6		38.7
85	.5	.5	6.5	38.2	78.1	99.0	100.0	99.9	67.9	41.5	6.6	.3	46.8
90	1.2	2.2	15.7	58.1	92.0	100.0		100.0	97.2	62.2	14.6	1.7	54.0
95	4.1	4.5	31.4	76.3	97.5				96.4	81.3	29.1	5.3	61.3
100	10.4	22.0	51.2	89.7	99.7			100.0	93.7	93.7	49.3	14.7	69.4
105	24.2	41.9	70.2	96.7	100.0				98.3	98.3	71.7	33.0	78.2
110	32.0	50.6	79.2	98.6					99.2	99.2	79.1	43.7	81.9
115	43.5	64.5	87.7	99.2					99.7	99.7	85.0	61.0	87.2
120	64.3	82.2	95.2	99.9					100.0	100.0	95.2	80.0	93.2
125	80.2	92.6	98.8	100.0							98.7	92.8	96.9
130	99.7	98.0	99.4								99.8	97.1	98.6
135	75.7	99.5	100.0								100.0	99.4	99.5
140	78.8	99.8										100.0	99.9
145	99.8	100.0											100.0
150	100.0												100.0
MEAN	27.8	32.4	39.9	51.7	57.7	68.5	73.5	71.2	63.8	52.3	39.7	31.7	50.9
S.D.	9.902	9.979	10.378	8.670	6.471	5.400	5.377	4.327	7.122	6.447	5.075	4.174	17.476
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

2
 III
 III

GENERAL CLIMATE DATA
 USAF ETAC
 AIR CARRIER SERVICE/AC
 1945 FIELDS AAF AK
 STATION STATION NAME

1-76 YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

141

TEMP (°F)	IAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95							.1	.2					.4
90						1.7	0.1	3.4	.6				1.7
85				.1	1.7	20.1	47.3	56.2	6.7	.1			9.5
80				.7	8.7	20.7	77.3	73.1	30.7	1.7			20.6
75			.8	6.7	27.7	78.7	94.8	95.1	55.4	11.7			31.2
70			4.6	21.0	56.7	93.3	99.5	98.9	75.8	27.4	.0		40.1
65	.2	1.9	10.2	42.1	80.6	98.7	100.0	99.8	91.0	48.3	7.4	.1	48.6
60	1.9	5.7	23.8	64.9	92.0	100.0		100.0	97.0	71.3	19.1	7.5	56.8
55	0.5	15.7	40.1	80.8	94.7				99.6	86.8	35.4	7.4	64.4
50	16.1	31.5	59.7	93.3	99.6				100.0	95.4	54.7	20.8	72.7
45	31.9	49.9	75.3	97.9	100.0					99.7	74.0	41.4	81.0
40	51.3	65.6	86.9	99.6						99.3	88.3	63.4	88.0
35	66.3	81.1	95.2	99.5						100.0	95.8	82.0	93.4
30	78.3	90.9	98.4	100.0							98.7	90.9	96.4
25	87.5	95.7	99.2								100.0	96.6	98.3
20	93.7	97.1	99.9									98.6	99.3
15	97.5	99.0	100.0									100.0	99.8
10	99.7	100.0											100.0
5	100.0												100.0
MEAN	38.6	43.0	51.7	62.3	70.4	79.2	83.7	82.6	74.8	64.3	50.9	42.1	62.0
S D	11.197	10.331	10.380	8.367	7.053	5.921	4.711	5.032	7.368	8.363	9.270	9.001	17.724
TOTAL OBS	930	847	730	500	420	300	230	230	900	930	700	930	10937

USAF ETAC FORM 0215 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13945
 STATION

FT. SILL AAF OK
 STATION NAME

1979

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49			78	89	93	100	103	101	96	93	82	70	
50	83	77	81	95	90	97	93	98	93	93	83	78	98
51	74	82	88	91	98	96	102	108	108	100	81	80	108
52	78	79	86	89	99	101	102	108	101	94	83	70	108
53	76	71	86	90	105	112	103	109	105	95	73	64	112
54	73	83	89	97	89	99	109	106	103	95	81	81	109
55	69	79	91	95	95	98	100	102	96	86	82	87	102
56	70	85	92	93	99	108	106	109	104	96	80	78	109
57	76	82	81	84	87	99	106	103	97	90	78	72	106
58	64	71	68	90	102	105	100	103	99	92	79	70	105
59	73	78	90	95	95	100	95	102	99	86	76	70	102
60	70	77	88	93	91	104	102	102	99	90	78	66	104
61	66	76	85	91	91	95	102	101	101	86	76	68	102
62	72	84	83	87	92	93	99	108	97	90	74	72	108
63	68	79	91	93	101	97	104	105	100	93	83	67	105
64	76	63	83	92	91	97	106	109	98	89	79	69	109
65	75	77	74	88	86	93	103	101	103	94	83	74	103
66	68	67	92	90	97	97	106	107	91	93	82	82	107
67	80	74	93	91	98	101	104	103	92	89	80	71	104
68	70	66	79	83	91	96	97	102	95	91	80	68	102
69	73	76	80	86	94	98	103	106	95	90	79	76	106
70	74	78	79	85	90	102	108	108	104	91	83	78	108
71	75	79	101	90	99	103	110	97	95	86	80	70	110
72	73	85	86	99	90	106	102	101	97	96	76	74	106
73	67	73	75	80	95	97	103	104	95	90	84	77	104
74	72	76	96	84	100	103	111	101	95	84	76	70	111
75	72	73	85	86	86	96	96	99	96	91	81	75	99
76	69	80	89	83	89	99	100	104	95	91	74	72	104
77	59	76	83	83	92	97	105	102	104	88	77	75	105
78	67	72	85	88	93	102	104	99	97	92	81	72	104
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AC

EXTREME VALUES
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13945
STATION

ET SILL AAF OK
STATION NAME

49-79
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	52	69											
MEAN	71.1	76.2	85.2	89.3	93.9	99.7	102.8	103.6	98.3	91.1	79.5	73.2	105.2
S. D.	6.039	5.557	6.917	4.626	4.948	4.340	4.205	3.500	4.188	3.569	3.071	5.229	3.390
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13945 STATION ET SILL AAF OK STATION NAME 49-79 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49			27	33	49	63	66	59	44	33	27	23	
50	9	20	17	34	49	53	64	60	52	45	14	5	5
51	6	2	23	31	48	53	62	63	49	35	19	9	2
52	17	26	23	29	42	60	57	70	52	32	23	22	17
53	8	18	29	34	44	63	60	59	53	35	28	15	6
54	9	24	22	30	35	50	70	66	52	32	30	14	9
55	22	13	16	38	56	52	68	61	57	36	17	18	13
56	14	17	21	32	50	56	63	54	51	37	18	17	14
57	14	26	25	24	42	57	69	64	49	26	24	15	14
58	19	10	27	36	49	56	62	60	48	40	23	7	7
59	0	15	24	34	52	60	65	61	49	34	13	26	0
60	15	11	10	37	38	60	62	61	55	35	26	19	10
61	11	22	31	33	42	56	58	55	48	40	30	10	10
62	-1	11	13	32	46	59	69	55	47	37	30	15	-1
63	2	17	26	46	45	63	68	63	45	45	30	12	2
64	8	21	22	34	49	51	65	58	43	37	20	8	8
65	18	11	12	38	46	63	61	62	50	41	28	29	11
66	0	16	25	35	41	58	69	57	49	36	27	15	0
67	14	20	13	41	44	61	65	60	43	37	29	21	13
68	6	17	22	34	48	58	65	61	51	37	28	6	6
69	14	25	21	40	46	52	66	68	56	37	22	12	12
70	11	23	29	27	42	53	59	64	50	36	22	21	11
71	13	13	21	34	49	67	61	59	44	43	31	27	13
72	6	15	26	36	49	57	60	67	44	38	29	11	6
73	9	22	35	32	45	58	67	64	54	38	32	17	9
74	12	23	25	39	52	60	68	69	49	46	25	20	12
75	19	18	28	26	50	56	64	66	45	38	18	10	10
76	7	19	24	36	44	57	62	66	47	29	15	10	7
77	-2	24	30	39	50	60	69	69	58	36	30	13	-2
78	8	6	14	39	44	59	66	61	55	38	30	13	6
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)
 # (AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM 0-88-5 (OLA)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13945
STATION

ET SILL AAF DK
STATION NAME

49-79

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	5	7											
MEAN	9.8	17.1	22.7	34.4	46.2	57.7	64.3	62.1	49.6	37.0	24.6	15.3	8.0
SD	6.290	6.242	6.120	4.659	4.444	4.103	3.633	4.283	4.238	4.390	5.612	6.294	4.986
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13949 STATION FT SILL AAF OK STATION NAME 68-70, 73-79 YEARS JAN MONTH

PAGE 1 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																
62/ 61		.1																															1	1		
60/ 59		.9	.2	.1																													11	11	4	3
58/ 57		.3		.3																													7	7	6	6
56/ 55		.2	.2	.1						.1	.1																						7	7	4	
54/ 53		.2	.4	.2						.1																							9	9	5	6
52/ 51		.1	.4	.1	.1	.2																											9	9	7	3
50/ 49		.5		.1	.2	.5	.1	.1																									15	15	9	6
48/ 47		1.0	.9	.5	.5																												27	27	8	7
46/ 45		1.2	.6	.5	1.2	.1	.1																										35	35	16	9
44/ 43		1.4	.6	.9	.1																												28	28	28	14
42/ 41	.2	2.0	1.4	1.7	.2																												52	52	33	20
40/ 39	.6	1.2	2.6	1.3	.2																												55	55	41	25
38/ 37	.6	3.6	2.3	.6	.5																												71	71	63	23
36/ 35	1.3	1.4	3.1	1.7																													70	70	72	40
34/ 33	1.5	3.8	4.2	1.5	.2																												104	104	35	52
32/ 31	.3	2.4	2.7	.3																													53	53	75	66
30/ 29	.3	1.3	1.9	.6																													39	39	80	57
28/ 27	1.6	1.5	2.7	.1																													55	55	50	60
26/ 25	.3	4.0	1.7	.8																													63	63	51	77
24/ 23		2.3	1.4	.1																													35	35	52	24
22/ 21	.2	2.9	1.1																														39	39	49	64
20/ 19	.1	2.6	1.9	.4																													47	47	30	54
18/ 17	.1	2.0	1.4																														33	33	44	52
16/ 15	.1	2.4	.5																														28	28	35	35
14/ 13		1.1																															10	10	34	46
12/ 11		.9	.1																														9	9	12	28
10/ 9	.1	.8	.4																														12	12	14	17
8/ 7		.3																															3	4	7	33
6/ 5																																			3	34
4/ 3		.2																															2	2	1	25
2/ 1																																			1	7
0/ -1																																				3
-2/ -3																																				5
-4/ -5																																				4
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs	Mean No. of Hours with Temperature																														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

FORM 0-26-3 (O.L.A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK R-70,73-79 JA
STATION STATION NAME YEARS MONTH
 PAGE 2 000-0,00
HOURS (L. S. T.)

447 94021

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/-7																					7		
-8/-9																					4		
-10/-11																					1		
TOTAL	7.5	42.4	32.9	2.2	3.3	1.1	.3	.2									929	930	929	129			
Element (X)	Σ x²	Σ x		X̄	sₓ	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	5029464	66794		71.9	5.642	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	1086731	30157		32.4	0.724	930		42.9					93										
Wet Bulb	912993	27545		29.7	0.186	929		54.9					93										
Dew Point	673934	22192		23.9	2.449	929	2.4	71.4					93										

USAF/TAC 1 JAN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK

68-70, 73-79

JAN

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		
	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
60/ 59		.3																3	3		
58/ 57	.2	.4	.2															8	8	6	5
56/ 55			.2															2	2	3	4
54/ 53		.5	.2	.2														9	9	4	
52/ 51		.2	.4		.1													7	7	7	7
50/ 49		.4	.8			.1												12	12	5	5
48/ 47		1.1	.4	.2	.5	.1												22	22	10	6
46/ 45	.2	1.5	.1	.4	.2		.2											25	25	22	8
44/ 43	.2	.5	1.0	1.4	.4	.1												34	34	18	24
42/ 41	.2	1.9	1.9	.5														43	43	19	16
40/ 39	.6	1.1	2.5	.9														47	47	40	15
38/ 37	1.0	3.5	1.8	.4	.3													66	66	66	25
36/ 35	1.6	2.9	2.7	.5														72	72	74	45
34/ 33	1.0	2.8	3.9	1.4														84	84	68	55
32/ 31	.5	2.9	3.9	.8														75	75	63	65
30/ 29	.9	2.9	1.9	.2														55	55	83	56
28/ 27	.8	1.9	1.3	.2														39	39	64	56
26/ 25	1.2	3.4	1.1	.3														56	56	56	66
24/ 23	.4	3.7	2.0	.2														59	59	52	42
22/ 21	.8	3.2	.4	.1														42	42	55	57
20/ 19	.2	3.0	1.5															44	44	46	56
18/ 17	.3	3.5	.5	.1														42	42	46	45
16/ 15		2.7	1.0															34	34	40	39
14/ 13		1.7	.2															18	18	30	54
12/ 11		1.0																9	9	22	23
10/ 9		1.1	.1															11	11	10	28
8/ 7		.6																6	6	11	40
6/ 5		.3																3	3	5	22
4/ 3		.3																3	3	4	20
2/ 1																				1	16
0/ -1																					5
-2/ -3																					9
-4/ -5																					5
-6/ -7																					7
Element (X)	ΣX^2	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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK
 STATION STATION NAME

68-70, 73-79
 YEARS

JAN
 MONTH

PAGE 1 0000-0600
 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
60/ 59		.2																2	2		
58/ 57	.3	.2																5	5	6	6
56/ 55		.8	.1															8	8	4	3
54/ 53		.4																4	4	6	1
52/ 51		.1																1	1	3	9
50/ 49		1.0	.4		.1													14	14	2	1
48/ 47	.1	1.0	.1	.2	.2													15	15	11	10
46/ 45	.4	1.2	1.1	.5			.1											31	31	20	9
44/ 43	.2	1.1	1.1	1.1	.3	.1												36	36	16	16
42/ 41	.3	.4	1.4	1.1	.4	.2												36	36	25	19
40/ 39	.3	1.1	1.0	.8	.2													31	31	25	8
38/ 37	1.3	3.9	1.3	.4	.1													65	65	56	18
36/ 35	1.1	3.3	2.2	.6														67	67	71	43
34/ 33	1.7	3.8	3.2	.4														85	85	72	57
32/ 31	.8	4.4	3.4	.3														83	83	77	70
30/ 29	.5	2.5	2.5	.1														52	52	77	53
28/ 27	1.2	2.4	1.3															45	45	67	51
26/ 25	.6	3.7	1.5															54	54	49	60
24/ 23	.3	2.4	1.7	.1														42	42	49	55
22/ 21	1.1	4.9	1.4															69	69	54	44
20/ 19	.4	4.1	1.1															52	52	64	63
18/ 17	.1	2.8	.2	.1														30	30	50	51
16/ 15		3.1	.2															31	31	35	45
14/ 13		3.0	.3															31	31	31	49
12/ 11		1.4	.3															16	16	25	34
10/ 9	.1	.8																8	8	15	33
8/ 7		1.0																9	9	10	36
6/ 5		.3																3	3	8	21
4/ 3		.3																3	3	4	12
2/ 1		.1																1	1	2	19
0/ -1																					10
-2/ -3	.1																	1	1	1	8
-4/ -5																					5
-6/ -7																					8
Element (X)	Z _X ¹	Z _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																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1945 STATION FT SILL AAF MK STATION NAME 68-70, 73-79 YEARS JAN MONTH

PAGE 2 0600-0200 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				
-8/-9																						2			
-10/-11																						1			
TOTAL	11.1	55.5	75.8	5.8	1.4	.3	.1												930	930	930	.30			
Element (X)	Σx^1	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.	5503509	70337	75.6	4.067	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	942189	27917	30.0	10.589	930	.1	53.0					93													
Wet Bulb	822487	25937	27.9	10.330	930	.1	61.3					93													
Dew Point	632684	21320	22.9	12.447	930	3.4	73.0					93													

USAFETAC FORM JUN 71 0-26-3 (O.L.A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
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PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

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JAN

STATION

STATION NAME

YEARS

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
68/ 67									.1									1	1		
64/ 63		.2																2	2		
62/ 61		.2							.1									3	3	2	1
60/ 59	.1	.1																2	2	4	5
58/ 57	.2	.3	.2						.2	.2								11	11	2	2
56/ 55	.1	.4	.3	.3	.1	.2			.2									16	16	6	2
54/ 53		.3	.2	.2	.1	.1	.1											10	10	7	4
52/ 51	.1	.3	.8	.1	.3	.3	.2	.1										21	21	6	9
50/ 49	.2	1.0	.4	.3	.5	.3	.2	.1										29	29	12	6
48/ 47	.3	1.1	.4	.8	.8	.6												37	37	26	12
46/ 45	.1	1.3	1.2	.6	1.0	.8												46	46	22	16
44/ 43	.3	1.1	1.1	1.6	1.3	.3												53	53	32	23
42/ 41	.2	1.1	1.1	1.9	.4	.1												45	45	39	15
40/ 39	.6	2.0	1.5	1.2	.4	.1												55	55	51	19
38/ 37	1.1	2.3	2.0	1.3	1.0													71	71	74	40
36/ 35	.6	2.4	3.0	.6	.4													66	66	73	43
34/ 33	1.5	1.2	1.3	1.3	.3													52	52	81	45
32/ 31	.1	2.8	2.7	1.5	.3													69	69	55	54
30/ 29	.8	1.3	1.2	.6	.1													37	37	65	61
28/ 27	1.2	1.7	1.6	.5														47	47	56	72
26/ 25	.9	2.2	1.9	.5	.1													52	52	47	64
24/ 23	.5	1.8	1.7	.2														40	40	54	47
22/ 21	.2	2.7	1.4	.4														44	44	43	43
20/ 19	.2	1.9	1.7	.2														38	38	42	44
18/ 17	.1	2.0	.6															26	26	38	48
16/ 15		1.7	.5															21	21	39	46
14/ 13		1.3	.1															13	13	19	35
12/ 11		1.2	.1															12	12	14	24
10/ 9		.4																4	4	11	35
8/ 7		.3																3	3	3	36
6/ 5		.3																3	3	4	14
4/ 3		.1																1	1	2	14
2/ 1																				1	18
0/ -1																					7
Element (X)	ΣX ²		ΣX		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK STATION NAME (8-70, 73-79) YEARS JAN MONTH

PAGE 2 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 / -3																					10			
-4 / -5																					6			
-6 / -7																					6			
-8 / -9																					2			
TOTAL	9.6	37.1	27.2	14.4	7.2	2.9	1.0	.5	.1								930	930	930	30				
Element (X)	Σx^2		Σx		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	4799861		64743		69.6	17.750	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93										
Dry Bulb	1199463		31697		34.1	11.325	930		41.0	.1				93										
Wet Bulb	986239		28651		30.8	10.559	930		49.3					93										
Dew Point	711319		22715		24.4	12.980	930	3.1	68.4					93										

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-27-54021

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK

68-70, 73-79

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

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				
74/ 73										.1								1	1						
72/ 71									.2		.1							3	3						
70/ 69								.1										1	1						
68/ 67			.3		.2		.2	.1		.2		.1						11	11						
66/ 65			.1		.1	.1	.1	.4	.1	.4	.3							15	15						
64/ 63		.3		.1	.1	.4	.3	.2	.2	.2	.1							19	19	3					
62/ 61		.2	.1	.1	.1	.3	.1	.3	.3	.2								17	17	5	5				
60/ 59		.2	.2	.5	.3	.3	.5	.6	.3	.2								31	31	4	4				
58/ 57			.5	.2	1.0	.1	.3	.5	.2	.2								29	29	5	2				
56/ 55			.6	.6	.6	.8	.6	.6	.2									33	33	11	1				
54/ 53	.2	.2	.3	.8	.9	1.1	1.1	.5	.1									48	48	24	7				
52/ 51		.6	.1	.6	.5	1.2	.5	1.0										43	43	21	0				
50/ 49	.1	.3	.3	.4	.9	1.1	.5	.1										35	35	34	14				
48/ 47	.1	.6	.6	.8	1.0	.6	.6	.1										42	42	35	23				
46/ 45		.6	.9	.4	1.3	1.5	.5	.1										50	50	43	22				
44/ 43		.4	.8	1.6	1.1	.8	.3											46	46	50	13				
42/ 41	.2	1.2	.9	1.0	.4	.8	.2											43	43	54	17				
40/ 39	.2	2.8	1.6	1.0	1.0	.6	.1											68	68	63	36				
38/ 37	.2	1.3	1.8	.9	.6	.2												47	47	85	36				
36/ 35	.1	.5	1.0	.4	1.4	.2												34	34	66	53				
34/ 33	.5	1.8	.9	.9	1.0													47	47	47	32				
32/ 31	.4	.9	.8	1.1	.6	.3												38	38	63	60				
30/ 29	.6	.4	1.4	1.4	.8													43	43	33	79				
28/ 27	1.2	.2	1.5	.9	.6													41	41	38	59				
26/ 25	.4	.5	1.3	.6														27	27	45	57				
24/ 23	.2	1.2	1.0	.8	.1													30	30	47	35				
22/ 21	.1	1.2	1.5	.1														27	27	38	25				
20/ 19	.2	1.7	.5	.2														25	25	35	50				
18/ 17		1.2	.1	.2														14	14	28	44				
16/ 15		1.1	.5															15	15	20	38				
14/ 13		.2	.2															4	4	15	32				
12/ 11																				3	40				
10/ 9		.2																2	2	2	44				
8/ 7		.1																1	1	2	26				
Element (X)	Σx^2	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																									

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

1945 FT SILI AAF OK R-70,73-79 JAN
 STATION STATION NAME YEARS MONTH

PAGE 2 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		
6/ 5																							11
4/ 3																							16
2/ 1																							7
0/ -1																							7
-2/ -3																							11
-4/ -5																							4
-6/ -7																							4
-8/ -9																							3
-16/-17																							1
TOTAL	4,920.2	19.9	15.6	13.9	10.4	6.2	4.8	1.5	1.5	.8	.1	.1							930	930		930	
Element (X)	Σx^2	Σx		\bar{x}	s_x	No. Obs.		Mean No. of Hours with Temperature							Total								
Rel. Hum.	3566286	54136		58.27	1.135	930		$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb	1724885	38107		41.01	1.264	930			26.7	1.0	.1			93									
Wet Bulb	1254486	32590		35.01	1.001	930			37.0					93									
Dew Point	778459	23855		25.71	1.390	930		3.0	65.9					93									

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
 STATION

FT SILL AAF OK
 STATION NAME

68-70, 73-79
 YEARS

YEARS

JAN
 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															
74/ 73								.1			.1	.2						4	4																	
72/ 71								.4	.2	.3	.1		.1					11	11																	
70/ 69							.1	.2	.5	.1		.2	.1	.1				13	13																	
68/ 67			.2		.1		.3	.1	.2	.6	.3	.2						20	20																	
66/ 65		.1	.4	.2	.2	.6	.2	.6	.2	1.3		.2						39	39																	
64/ 63		.1	.2		.2	.3	.1	.4	.1	.1								15	15	4																
62/ 61					.2	.4	.6	.2	1.0									23	23	5	5															
60/ 59			.1	.2		.4	.3	.1	.3	.3								17	17	5	3															
58/ 57		.2	.6	.2		.6	.6	.8	.2	.1								32	32	6	2															
56/ 55		.3	.2	.2	.9	.8	1.2	.9	.3	.1								43	43	25	3															
54/ 53		.3	.2	.3	.1	1.3	1.0	.9	.6									44	44	24	3															
52/ 51		.3	.3	.2	.6	.9	1.3	1.1	.1									45	45	25	9															
50/ 49		.4	1.0	1.0	.9	1.0	.8	.3	.1									50	50	35	17															
48/ 47		.1	.3	.4	.3	.9	.6	.3										28	28	41	18															
46/ 45		.4	1.6	.3	1.4	1.4	.5											53	53	48	10															
44/ 43		.8	1.3	1.1	.9	1.0	.3											49	49	53	14															
42/ 41	.3	.9	.8	.9	.6	.8	.4											43	43	69	36															
40/ 39		2.4	1.4	1.0	.6	.3	.1											54	54	61	33															
38/ 37		.4	.8	1.0	.2	.4												26	26	76	39															
36/ 35	.4	1.1	.8	.5	1.2	1.1												47	47	60	60															
34/ 33	.2	2.0	.4	1.2	1.1	.3												49	49	58	47															
32/ 31	.1	1.1	.1	2.0	.2	.9												41	41	45	59															
30/ 29	.3	.9	.9	1.2	.9													38	38	24	51															
28/ 27	.5	.9	.8	1.1	.1													31	31	26	67															
26/ 25	.3	1.3	.5	.5														25	25	48	56															
24/ 23		.3	1.0	.2	.2													16	16	41	44															
22/ 21		1.3	1.0	.5														26	26	33	42															
20/ 19		1.7	.8	.1														24	24	20	28															
18/ 17		.9	.2															10	10	23	50															
16/ 15		.9	.2															10	10	17	46															
14/ 13			.1															1	1	8	25															
12/ 11																				2	34															
10/ 9		.3																3	3	1	33															
8/ 7																				3	34															
Element (X)	ΣX^2	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																																				

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK STATION NAME 68-70, 73-79 YEARS JAN MONTH

PAGE 2 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
6/ 5																					16
4/ 3																					12
2/ 1																					6
0/ -1																					9
-2/ -3																					4
-4/ -5																					9
-6/ -7																					1
-8/ -9																					2
-14/-15																					1
-16/-17																					1
-18/-19																					1
TOTAL	2.3	19.4	16.1	14.4	11.0	13.3	8.6	5.7	4.3	2.9	1.6	0.9	0.3	0.2				930		930	930
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	3173078	50514	54.3	1.498	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1938300	40410	43.5	1.013	930		22.5	4.6	0.4			93									
Wet Bulb	1344275	33835	36.4	1.043	930		32.6					93									
Dew Point	789426	24104	25.9	1.315	930	2.8	63.1					93									

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK 68-70, 73-79 JAN
 STATION STATION NAME YEARS 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
70/ 69				.1		.1		.1			.1							2	2	
68/ 67										.1								4	4	
66/ 65			.1			.1		.1										4	4	
64/ 63		.3	.2	.3	.1	.1	.2	.2	.1	.2		.1						18	18	1
62/ 61		.1			.2	.2		.2	.2	.1	.1							11	11	4
60/ 59		.1	.1	.2	.3	.2	.2	.3	.1	.1								16	16	4
58/ 57		.3	.2	.2	.4	.3	.4	.4	.2									24	24	4
56/ 55		.2	.3	.6	.3	.3	.4	.3										24	24	7
54/ 53		.4	.3	.4	.9	.8	.4	.1										31	31	13
52/ 51		.4	.2	.5	.5	.4	.3	.1										24	24	20
50/ 49		.5	.1	.9	.9	1.1	.9	.2										42	42	22
48/ 47		.9	.6	.9	1.1	1.3	.5											49	49	28
46/ 45		.9	.8	1.8	1.2	1.0	.2											54	54	29
44/ 43		1.2	1.6	.8	1.8	1.0												59	59	56
42/ 41	.1	1.4	1.0	2.0	.8	.5												54	54	54
40/ 39	.2	1.7	1.5	1.7	1.3	.4												64	64	67
38/ 37	.5	1.5	.8	1.8	.5		.1											49	49	68
36/ 35	.8	1.8	.9	1.5	.3	.1												50	50	95
34/ 33	.8	2.9	1.0	.4	.8													54	54	62
32/ 31	.1	1.7	1.0	2.5	.4													53	53	60
30/ 29	.5	.8	1.3	1.4	.6													43	43	52
28/ 27	.4	1.7	1.9	1.1	.3													51	51	30
26/ 25	.3	1.2	1.2	.5	.1													31	31	63
24/ 23		1.0	1.2	.2														22	22	47
22/ 21		1.4	1.1	.5														28	28	34
20/ 19		1.4	1.0	.1														23	23	29
18/ 17		1.1	.5	.2														17	17	25
16/ 15		1.3	.2															14	14	23
14/ 13		1.0	.1															10	10	18
12/ 11		.3																3	3	9
10/ 9		.2																2	2	5
8/ 7																				1
6/ 5																				
4/ 3																				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total							
Ref. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

9477 54321
 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 8-70, 73-79 JAN
 STATION STAT, NAME YEARS MONTH
 PAGE 1 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (°)																			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	
64/ 63									.1										1	1			
62/ 61		.4	.3	.3	.2														12	12	1		
60/ 59		.4		.1	.1	.2													8	8	7	5	
58/ 57		.2				.1	.2			.1									11	11	5	4	
56/ 55				.5		.1	.1		.1										9	8	4	4	
54/ 53			.2	.2	.1	.1													14	14	6	1	
52/ 51	.1	.4	.6	.3	.2	.5	.1												22	22	9	6	
50/ 49		.6	.6	.6	.4	.9	.1	.1											33	33	24	7	
48/ 47	.1	.5	.3	1.3	.3	.3													27	27	12	14	
46/ 45		.6	1.1	1.5	.1														45	45	26	12	
44/ 43		1.4	1.5	1.5	1.2	.3													51	51	28	18	
42/ 41	.1	1.4	1.7	1.7	1.0														52	52	49	21	
40/ 39	.2	.5	2.0	1.2	1.3														53	63	44	28	
38/ 37	.8	1.7	2.0	2.2															75	75	79	28	
36/ 35	1.0	1.9	1.7	1.5															60	60	74	47	
34/ 33	1.4	2.6	2.7	1.7															78	78	83	61	
32/ 31	.2	3.1	1.6	.9															54	54	71	53	
30/ 29	.3	1.1	2.2	1.2	.1														45	45	77	63	
28/ 27	1.0	2.0	2.5	.4															55	55	40	72	
26/ 25	.3	2.6	2.2	.8															54	54	59	61	
24/ 23		.5	1.5	.1															20	20	52	41	
22/ 21		2.6	1.8	.2															43	43	39	53	
20/ 19	.1	1.7	1.3	.2															31	31	36	60	
18/ 17	.1	1.4	.4	.1															19	19	35	44	
16/ 15		1.5	.2	.2															18	18	23	29	
14/ 13		1.2	.2																13	13	17	43	
12/ 11		1.2	.2																13	13	16	39	
10/ 9	.1	.2	.1																4	4	13	17	
8/ 7		.1																	1	1	4	25	
6/ 5																					1	19	
4/ 3																						24	
2/ 1																						9	
-2/ -3																						8	
-4/ -5																						3	
Element (X)	ΣX²	ΣX	X̄	sₓ	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Wet Bulb																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK
STATION STATION NAME

68-70, 73-79 YEARS

JAN MONTH

PAGE 2 2100-2400
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/-7																					4
-10/-11																					2
-12/-13																					1
TOTAL	5.8	34.9	20.0	18.3	7.3	2.7	.5	.1	.2	.1								930		930	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4640268	63844	68.6	16.646	930							93
Dry Bulb	1252470	32526	35.0	11.121	930		37.0					93
Wet Bulb	1020167	29285	31.5	10.271	930		48.3					93
Dew Point	726363	23271	25.0	2.453	930	1.8	67.4					93

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USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK
 STATION STATION NAME

R-70, 73-79
 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				
74/ 73									.0		.0	.0	.0					5	5						
72/ 71									.1	.1	.0	.0		.0				14	14						
70/ 69							.0	.0	.1	.0		.0	.0	.0				16	16						
68/ 67			.1	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0					36	36						
66/ 65		.0	.1	.0	.0	.1	.0	.1	.1	.2	.0	.0						58	58						
64/ 63		.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0						55	55						
62/ 61		.1	.1	.1	.1	.1	.1	.1	.2	.0	.0							67	67	17	12				
60/ 59	.0	.3	.1	.1	.1	.1	.1	.1	.1	.1								90	90	28	25				
58/ 57	.1	.3	.3	.1	.2	.1	.2	.3	.1	.1								127	127	40	30				
56/ 55	.0	.2	.3	.3	.2	.3	.3	.2	.1	.0								141	141	64	20				
54/ 53	.0	.3	.3	.3	.3	.4	.3	.2	.1									169	169	93	25				
52/ 51	.0	.3	.4	.2	.3	.4	.3	.3	.0									172	172	94	54				
50/ 49	.0	.6	.5	.4	.5	.6	.3	.1	.0									230	230	143	71				
48/ 47	.1	.8	.5	.6	.6	.5	.2	.1										247	247	171	98				
46/ 45	.1	1.1	.9	.7	1.0	.6	.2	.0										339	339	226	107				
44/ 43	.1	1.0	1.0	1.2	.9	.4	.1											356	356	286	137				
42/ 41	.2	1.3	1.3	1.3	.5	.3	.1											368	368	352	169				
40/ 39	.4	1.7	1.8	1.1	.7	.2	.0											437	437	392	191				
38/ 37	.7	2.4	1.6	1.1	.5	.1	.0											470	470	567	251				
36/ 35	.9	1.9	1.9	.9	.4	.2												466	466	505	290				
34/ 33	1.1	2.6	2.2	1.1	.4	.0												553	553	556	403				
32/ 31	.3	2.4	2.0	1.2	.2	.1												466	466	604	486				
30/ 29	.5	1.4	1.7	.8	.3													352	352	491	492				
28/ 27	1.0	1.5	1.7	.5	.1													364	364	401	492				
26/ 25	.6	2.4	1.4	.5	.0													362	362	418	505				
24/ 23	.2	1.6	1.4	.2	.0													264	264	424	375				
22/ 21	.3	2.5	1.2	.2														318	318	345	380				
20/ 19	.2	2.3	1.2	.2														284	284	307	398				
18/ 17	.1	1.9	.5	.1														191	191	294	370				
16/ 15	.0	1.8	.4	.0														171	171	232	325				
14/ 13		1.2	.2															100	100	172	314				
12/ 11		.7	.1															62	62	103	254				
10/ 9	.0	.5	.1															46	46	71	234				
8/ 7		.3																23	24	42	62				
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.	Mean No of Hours with Temperature										Total							
Rel. Hum.								≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F												
Dry Bulb																									
Wet Bulb																									
Dew Point																									

9477 54321
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK

8-7, 73-79

JAN
 MONTH

STATION

STATION NAME

YEARS

PAGE 2

ALL
 HOURS (L. S. T.)

3477 54321

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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			
6/ 5		.1																		0	9	21	164	
4/ 3		.1																		0	9	11	139	
2/ 1		.0																		1	1	5	90	
0/ -1																							46	
-2/ -3	.0																			1	1	1	61	
-4/ -5																							40	
-6/ -7																							41	
-8/ -9																							16	
-10/-11																							5	
-12/-13																							3	
-14/-15																							1	
-16/-17																							2	
-18/-19																							1	
TOTAL	6.9	35.9	25.2	13.7	7.3	4.9	2.0	1.7	.9	.6	.2	.1	.1	.0							7440		7439	
																					7439		7439	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature									Total									
Rel. Hum.	35970298	497140	66.8	19.218	7439	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				744									
Dry Bulb	10668338	265610	35.7	12.627	7440		.1	302.4	7.1	.5				744										
Wet Bulb	8360244	235832	31.7	10.901	7439		.1	381.8							744									
Dew Point	5721885	182939	24.6	7.823	7439	21.6	545.7							744										

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK STATION NAME 8-70, 73-79 YEARS FEB MONTH

PAGE 1 0000-0, 00 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															
68/ 67				.1														1	1																	
66/ 65				.2							.1							3	3																	
64/ 63			.1															1	1																	
62/ 61		.2		.1				.1			.1							5	5	2																
60/ 59		.1	.2	.1	.4													7	7	4																
58/ 57			.7	.5	.1	.1		.2	.2	.1								17	17	1	6															
56/ 55		.2	.4	.5	.1	.2	.2		.2									16	16	3	1															
54/ 53	.5	.4	.2	.1	.2	.1	.4	.1										17	17	18	6															
52/ 51	.1	.5	.2	.2	.8	.7	.2	.6										29	29	13	10															
50/ 49		.7	.2	.8	.1	.9	.4											27	27	11	10															
48/ 47	.9	.8	.7	.4	.1	.7	.2											33	33	21	20															
46/ 45	.2	1.4	1.7	1.7	.9	.8		.1										58	58	18	17															
44/ 43	.1	1.7	2.1	1.9	1.2	.5												63	63	44	14															
42/ 41	.4	3.2	1.5	1.5	.3		.2											65	65	56	17															
40/ 39	.1	3.4	2.5	2.1	1.1													78	78	76	40															
38/ 37	.6	2.2	1.5	2.2	.1	.2												59	59	92	48															
36/ 35	.9	1.4	3.5	1.3	.1													62	62	58	48															
34/ 33	.1	2.4	4.0	1.4														67	67	61	45															
32/ 31	.6	3.3	3.4	.8														69	69	79	59															
30/ 29	1.1	2.4	1.1	.1														39	39	82	59															
28/ 27	1.7	1.9	.7	.1														37	37	65	76															
26/ 25	.5	1.7	1.1	.1														28	28	32	83															
24/ 23	.5	1.5	.5															21	21	34	54															
22/ 21		1.3																11	11	16	61															
20/ 19	1.2	1.2																20	20	24	53															
18/ 17		.4																3	3	8	44															
16/ 15		.5																4	4	5	25															
14/ 13		.4																3	3	1	16															
12/ 11		.4																3	3	3	17															
10/ 9																				3	5															
8/ 7																					7															
6/ 5																					5															
TOTAL	7.5	33.5	26.5	16.4	6.1	4.4	1.8	1.1	.5	.1	.2							846	846	846	346															
Element (X)	Σx²		Σx		X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.	4556730		60238		71.2	17.795	846	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																						
Dry Bulb	1321965		32415		38.3	9.728	846		23.6	.1				84																						
Wet Bulb	1072285		29341		34.7	6.544	846		35.5					94																						
Dew Point	791869		24459		28.9	10.013	846		56.0					34																						

USAFETAC FORM 71 JUN 71 0-26-3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR PLATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK R-70, 73-79 YEARS FEB
 STATION STATION NAME 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																
62/ 61		.2	.1																														3	3		
60/ 59			.2																														2	2		
58/ 57		.1	.4	.1																													5	5	4	
56/ 55		.2	.5	.1	.1																												8	8	2	
54/ 53	.0	.9	.5		.2		.1	.1																									21	21	5	
52/ 51	.1	.2	.1		.4	.2	.1	.6																									15	15	6	
50/ 49		.7	.2	.2	.9	.2	.5																										24	24	13	
48/ 47	.9	.8	.1	.5	1.3	.2	.1																										34	34	16	
46/ 45		1.1	.7	1.4	.8	.2																											36	36	11	
44/ 43	.1	1.7	1.1	2.0	.5																												45	45	7	
42/ 41	.5	3.5	2.1	1.7	1.1		.1																										74	76	8	
40/ 39	.7	3.8	1.4	1.2	.5	.2																											66	66	26	
38/ 37	.5	4.4	2.5	2.0																													79	79	38	
36/ 35	1.2	3.0	2.8	1.7																													73	73	57	
34/ 33	.0	2.7	3.4	1.2	.1																												68	68	62	
32/ 31	.4	3.2	3.1	.5																													60	60	50	
30/ 29	1.9	3.1	1.5	.5																													59	59	74	
28/ 27	1.8	2.4	1.3																														46	46	66	
26/ 25	.6	2.7	1.1																														37	37	67	
24/ 23	.6	2.7	.5	.1																													35	33	73	
22/ 21		1.9	.2																														18	18	61	
20/ 19	.2	1.2	.1																														13	13	49	
18/ 17	.4	.6																															8	8	43	
16/ 15	.2	.8																															9	9	26	
14/ 13	.1	.1																															2	2	16	
12/ 11		.4																															3	3	14	
10/ 9		.2																															2	2	14	
8/ 7	.1																																1	1	4	
6/ 5																																				5
4/ 3																																				7
TOTAL	11.54	2.9	3.8	3.1	5.9	1.2	.9	.7																									846	846	646	
Element (X)	Σx ²		Σx		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total																			
Rel. Hum.	4957656		63312		74.816		1.20		846		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																				
Dry Bulb	1174075		30533		36.1		9.238		846			28.9					24																			
Wet Bulb	991842		28064		33.2		8.489		846			40.4					14																			
Dew Point	758511		23907		28.3		9.906		846			57.3					14																			

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK

68-70, 73-79

FEB

STATION STATION NAME

YEARS

MONTH

PAGE 1

0600-0600

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		
62/ 61		.1																1	1				
60/ 59		.1																1	1	1			
58/ 57			.1															1	1	1	2		
56/ 55		.2	.4															5	5	1	1		
54/ 53	.4	1.5	.2	.1			.1											20	20	7	4		
52/ 51	.2	.7		.1	.1													10	10	18	14		
50/ 49		.7	.7				.4											15	15	8	10		
48/ 47	1.1	.1		.4	.5	.5	.4											24	24	18	18		
46/ 45		.2	.6	2.5	.6	.2	.1											36	36	5	4		
44/ 43	.6	2.1	.7	2.4	.5													53	53	15	11		
42/ 41	.6	2.6	2.8	1.2	.5													65	65	28	16		
40/ 39	.6	3.5	1.3	1.2	.5	.1												61	61	75	29		
38/ 37	.5	3.7	1.5	1.7														62	62	87	23		
36/ 35	1.7	5.8	1.5	1.1	.2													87	87	77	54		
34/ 33	.7	1.8	3.9	1.3														65	65	75	61		
32/ 31	1.1	3.8	4.1	.6														81	81	56	88		
30/ 29	2.2	2.8	1.4															55	55	96	47		
28/ 27	.9	3.2	1.5	.1														49	49	84	60		
26/ 25	.7	2.6	1.4	.2														42	42	44	79		
24/ 23	.4	2.6	1.2															35	35	39	66		
22/ 21	.2	3.2	.2															31	31	48	51		
20/ 19	.5	1.3	.6															20	20	25	66		
18/ 17		.7																6	6	10	39		
16/ 15		.7																6	6	10	32		
14/ 13	.2	.6																7	7	5	17		
12/ 11	.1	.1																2	2	6	21		
10/ 9		.1																1	1	1	11		
8/ 7	.6																	5	5	6	6		
6/ 5																					4		
4/ 3																					9		
2/ 1																					3		
TOTAL	13.2	45.0	24.3	12.8	2.8	.8	.9											846	846	846	846		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total												
Rel. Hum.	5132939	64627	76.4	15.230	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	1089614	29380	34.7	9.056	846		33.8					94											
Wet Bulb	936744	27210	32.2	8.537	846		42.7					84											
Dew Point	728878	23328	27.6	10.066	846		59.5					84											

USAF/TAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 68-70 73-79

FEB
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
TOTAL	8.5	28.8	20.3	18.1	10.4	6.0	3.2	2.1	1.3	.7	.2	.2						846	846	846
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Ref. Hum.	4165910	56952	67.3	19.820	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	1483975	34223	40.5	10.855	846		19.8	.5				84								
Wet Bulb	1161364	30398	35.9	9.044	846		29.5					84								
Dew Point	814714	24690	29.2	10.556	846		52.1					84								

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FF SILL AAF PK

68-70, 73-79

FEB

STATION

STATION NAME

YEARS

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															
80/ 79									.2			.2	.1		.1			6	6																
78/ 77								.2	.1	.1	.5	.2			.5			14	14																
76/ 75							.1	.2	.5	.1	.4	.1			1.2			23	23																
74/ 73							.2	.1	.1	.1	.6	.7		.1	.1			19	19																
72/ 71							.4		.2	.7	.1	.8	.5	.1				24	24																
70/ 69						.8	.4		.8	.5	.5	.6	.2	.5				36	36																
68/ 67				.1		.2	.2	.8	.4	.6	.1							21	21																
66/ 65				.1	.2	.2	.1	.5	.1	.1	.7			.1				19	19																
64/ 63					.5	.1	.2	.5	.2	.2	.1	.1						19	19	8															
62/ 61				.2	.4	.6	.8	.8	1.3	1.4	.1	.1						49	49	5															
60/ 59			.2	.4		.4	1.1	1.2	.9	.5	.2							41	41	17															
58/ 57			.4	.2	.6	.8	.8	1.1	.7	.1								40	40	11															
56/ 55			.5	.6	.6	.6	.9	1.2	.8									44	44	21															
54/ 53			.8	.4	1.2	1.2	1.3	.4										45	45	36															
52/ 51	.1	.6	.8	.1	.8	1.5	.8	.7	.2	.1								50	50	47															
50/ 49	.2	.5	.6	.4	.8	1.3	1.1	.7	.2									49	49	70															
48/ 47	.1	.5	.2	.5	1.2	1.2	.6	.1	.1									38	38	60															
46/ 45	.2	1.2	1.2	.9	1.1	.5	.1	.2										46	46	76															
44/ 43		.5	.4	.2	.8	.6												21	21	72															
42/ 41		1.4	.5	.5	.6	.1												26	26	76															
40/ 39		.8	.6	.9	.2	.6	.4											30	30	57															
38/ 37	.4	1.1	1.1	.9	.6	.1												35	35	51															
36/ 35	.9	.5	1.5	.4	.1													29	29	48															
34/ 33	.6	.6	1.8	.8	.2	.1												35	35	40															
32/ 31	.5	.8	1.1	.4	.1													24	24	36															
30/ 29		.9	.7	.1														15	15	31															
28/ 27		.8	.9															15	15	24															
26/ 25		1.3	1.1	.1														21	21	19															
24/ 23																				20															
22/ 21	.4	.2																5	5	14															
20/ 19		.5																4	4	3															
18/ 17																				1															
16/ 15		.4																3	3	24															
14/ 13																				3															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

68-70, 73-79

FEB
 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															
78/ 77									.1		.1					.1		3	3																
76/ 75								.1	.2									5	5																
74/ 73									.1	.1								3	3																
72/ 71							.1	.1	.5	.1				.1				9	9																
70/ 69					.4	.2	.4		.4			.1	.1					13	13																
68/ 67					.1	.5		.1	.4	.4	.2	.2	.4					19	19																
66/ 65				.1	.1	.1	.5	.2	.5	.1	.4	.5	.4	.2				24	24																
64/ 63			.1	.1	.1	.5	.5	.5	.5	.1	.2	.1						15	15	1															
62/ 61			.2	.2	.4	.4	.5	.6	.5	.6	.5	.2						34	34	7															
60/ 59			.1	.5	.2	.2	.4		.2	.2	.1							19	19	13															
58/ 57		.2	.2	.2	.4	1.1	1.1	.8	.4	.1								36	36	13	4														
56/ 55		.2	1.1	.4	.9	.4	.5	.9	.2									41	41	11	8														
54/ 53		.4	.7	1.2	.9	.9	.9	.7	.1									50	50	19	2														
52/ 51		1.3	.5	.8	.9	1.4	1.3	.5										57	57	30	10														
50/ 49	.4	.6	.9	.9	.6	1.5	1.1	.1	.2									54	54	51	33														
48/ 47	.2	.6	.5	1.8	1.3	2.1	.6	.1										61	61	50	21														
46/ 45	.2	1.1	.7	1.3	2.1	.6	.2											53	53	60	26														
44/ 43	.2	.9	.6	.8	1.9	.5	.1	.1										44	44	73	29														
42/ 41		1.5	1.1	.7	.5	.6	.4											40	40	71	29														
40/ 39		2.0	.6	.9	.4	.1												34	34	78	47														
38/ 37	.4	.9	.8	1.2	.6	.4												36	36	79	41														
36/ 35	.6	.8	1.4	.9	.5													36	36	45	58														
34/ 33	.8	.5	1.7	.4	.2													30	30	50	48														
32/ 31	.5	1.4	1.9	.4	.1													36	36	32	42														
30/ 29	.1	1.1	1.2	.5														24	24	51	52														
28/ 27	.4	1.4	1.2	.1														26	26	30	49														
26/ 25	.2	.7	.6	.1														14	14	32	74														
24/ 23	.4	.5	.6															12	12	22	61														
22/ 21	.4	.1																4	4	10	53														
20/ 19	.1	.7																7	7	7	50														
18/ 17		.1																1	1	4	24														
16/ 15		.4																3	3	2	28														
14/ 13																				2	17														
12/ 11																					17														
Element (X)	Σx^2	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 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 94321

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK
STATION STATION NAME

68-70, 73-79
YEARS

FEB
MONTH

PAGE 2 1800-2000
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	
10/ 9																					13	
8/ 7																					7	
6/ 5																					4	
4/ 3																					1	
TOTAL	4.9	17.3	16.7	13.6	12.6	11.5	8.3	5.6	3.3	2.1	1.7	1.2	.8	.1	.2			843	843	843	643	
Element (X)	Σx²		Σx		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	3217665		48647		57.7	22.077	84	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	84								
Dry Bulb	1969663		39383		46.7	12.415	84		12.7	5.2	1.1			84								
Wet Bulb	1395464		33398		39.6	9.267	84		19.1					84								
Dew Point	877844		25564		30.3	1.039	84		49.0					84								

USAF/TAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK STATION NAME 68-70, 73-79 YEARS FEB MONTH

PAGE 1 2100-2400 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				.1								.1						2	2			
66/ 65				.6	.1	.2		.2										10	10			
64/ 63					.4			.2			.1							6	6			
62/ 61				.2	.1	.2	.1				.1	.1						8	8	2		
60/ 59		.1	.4	.6	.1	.1	.1	.1	.2	.1								18	18	5		
58/ 57		.1	.4	.4	.7	.7	.2	.1	.5	.2	.1							27	27	5		
56/ 55		.2	.4	.2	.4	.5	.5		.1									19	19	10		
54/ 53		.4	.1	.2	.4	.5	.5	.7		.1								24	24	14		
52/ 51	.1	.7	.7	.9	.4	.6	1.1											38	38	18		
50/ 49	.2	1.8	1.2	.4	.4	.7	.4											42	42	25		
48/ 47	.5	1.1	1.5	1.4	1.9	.9	.2	.2										66	66	34		
46/ 45	.6	1.3	1.5	1.9	1.4	.7												63	63	49		
44/ 43	.2	1.8	1.5	1.5	2.0	.2												62	62	47		
42/ 41	.1	3.0	1.5	2.3	1.3	.4												72	72	61		
40/ 39	.1	2.0	.8	2.1	1.1	.2												54	54	94		
38/ 37	.5	2.4	1.4	1.8	.2	.5												57	57	76		
36/ 35		1.7	3.0	1.5	.5													56	56	65		
34/ 33	.7	1.8	1.9	.8														44	44	76		
32/ 31	.1	1.9	2.1	.5														39	39	50		
30/ 29	.5	2.0	.7	.4														30	30	65		
28/ 27	1.4	2.3	.9															39	39	49		
26/ 25		1.5	.5	.1														18	18	28		
24/ 23	.1	1.2	.9															19	19	28		
22/ 21		.8	.2															9	9	11		
20/ 19	.7	.2																8	8	21		
18/ 17		.1																1	1	1		
16/ 15		.8																7	7	5		
14/ 13		.1																1	1	3		
12/ 11																				1		
10/ 9																						
8/ 7																				7		
6/ 5																				2		
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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 USAF/TAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK

68-70, 73-79

FEB

STATION

STATION NAME

YEARS

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
47 3																						1
TOTAL	5.9	29.4	71.6	18.0	11.4	6.5	3.3	1.4	1.2	.7	.4	.2								843		.43
																			843		843	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	4071926	56296	66.8	19.255	843	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	1540026	34940	41.4	10.445	843		17.0	.6				84										
Wet Bulb	1204627	31001	36.8	8.758	843		26.1					84										
Dew Point	847611	25267	30.0	10.355	843		51.1					84										

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USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

8-70, 73-79

FEB

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
80/ 79								.0	.0	.0	.0	.0			.0			7	7		
78/ 77								.0	.0	.0	.0	.0			.0	.0		22	22		
76/ 75							.0	.1	.1	.0	.1	.1	.0	.1	.1	.0		43	43		
74/ 73							.0	.0	.0	.0	.0	.1	.1	.0	.0			28	28		
72/ 71							.0	.1	.1	.1	.1	.0	.2	.1	.1			50	50		
70/ 69					.1	.2	.1	.0	.2	.1	.2	.1	.0	.1				68	68		
68/ 67				.0	.0	.1	.0	.1	.2	.1	.2	.1	.1	.0				70	70		
66/ 65			.0	.2	.1	.1	.1	.2	.2	.1	.2	.0	.0					85	85		
64/ 63			.0	.0	.2	.0	.2	.2	.1	.1	.1	.1	.0					72	72	14	
62/ 61		.1	.1	.2	.2	.2	.3	.3	.4	.3	.1	.1						148	148	24	
60/ 59		.1	.1	.2	.1	.2	.3	.3	.4	.2	.1							139	139	60	1
58/ 57		.1	.3	.2	.3	.5	.4	.4	.4	.1	.0							188	186	49	21
56/ 55		.3	.5	.3	.5	.4	.5	.5	.3	.0								209	209	66	33
54/ 53	.2	.5	.4	.3	.6	.5	.6	.4	.1	.0								246	246	151	53
52/ 51	.1	.5	.4	.4	.6	.8	.7	.4	.0	.0								264	264	173	99
50/ 49	.2	.8	.6	.6	.7	.8	.6	.1	.1									298	298	255	141
48/ 47	.6	.7	.5	.9	1.2	1.0	.4	.1	.0									363	363	283	144
46/ 45	.2	1.1	1.1	1.5	1.1	.6	.1	.0										385	385	324	125
44/ 43	.2	1.5	1.0	1.5	1.2	.4	.1	.0										397	397	408	133
42/ 41	.3	2.4	1.5	1.3	.9	.2	.1											455	455	514	210
40/ 39	.3	2.5	1.2	1.5	.6	.2	.0											424	424	604	322
38/ 37	.5	2.3	1.3	1.6	.3	.2												418	418	593	340
36/ 35	.7	1.9	2.2	1.2	.3	.0												424	424	489	451
34/ 33	.5	1.4	2.6	1.0	.2	.0												392	392	477	420
32/ 31	.8	2.2	2.4	.5	.0													401	401	451	491
30/ 29	.8	1.8	1.0	.3	.0													268	268	515	425
28/ 27	.8	1.8	1.0	.1														252	252	384	480
26/ 25	.3	1.7	.9	.1														197	197	247	615
24/ 23	.3	1.3	.6	.0														149	149	239	475
22/ 21	.2	1.2	.1	.0														101	101	171	412
20/ 19	.4	.8	.1															95	95	120	432
18/ 17	.0	.4																29	29	53	280
16/ 15	.0	.5																36	36	40	191
14/ 13	.0	.3																20	20	22	124
Element (X)	Z _x ²	Z _x	\bar{X}	s _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																					

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 USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

67-70, 73-78

MAR

STATION

STATION NAME

YEARS

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				
74/ 73						.1	.2											3	3						
72/ 71					.2	.3	.2											7	7						
70/ 69					.2	.4	.1											7	7						
68/ 67				.2	.4	.1	.1											3	8						
66/ 65		.3	.2	.5	.1	.1		.1	.2	.1							16	16	1						
64/ 63		.2	.2	.3	.4	.1	.2	.2	.4				.1				21	21	6	3					
62/ 61	.1	.9	.5	.6	.8	.3	.4	.2	.2	.1	.1						38	38	23	3					
60/ 59		1.0	.9	.6	.6	.6	.2	.2	.1								39	39	20	10					
58/ 57	1.0	1.1	1.5	.6	.2	.6	.6	.2	.2								57	57	28	26					
56/ 55	.1	.5	1.5	1.0	.2	.8	1.5	.3	.1	.1							57	57	37	28					
54/ 53	.2	1.5	1.8	.4	.6	.9	.2										53	53	35	23					
52/ 51	.1	.6	1.3	.9	1.3	.6	.3	.1	.1								50	50	49	31					
50/ 49	.2	1.8	2.4	2.0	.6	.8	.5	.1	.1								80	80	47	44					
48/ 47		2.4	2.2	1.1	.8	.5											64	64	55	39					
46/ 45	.2	1.3	1.7	1.3	1.3	.5	.3										62	62	32	39					
44/ 43		1.9	1.9	1.7	2.4	.2											76	76	33	36					
42/ 41		1.6	1.2	1.6	.9	.2											51	51	35	47					
40/ 39	.3	.9	1.2	1.7	.2												40	40	61	58					
38/ 37	.6	.5	1.6	1.7	.3												45	45	75	54					
36/ 35	.3	2.7	1.5	.4	.3												49	49	60	60					
34/ 33	.1	1.6	1.4	1.0	.2												40	40	67	57					
32/ 31		.9	1.6	.5													28	28	44	63					
30/ 29		.4	.5	.1													10	10	30	55					
28/ 27		.2	.9	.4													14	14	25	54					
26/ 25		.2	.3														5	5	13	48					
24/ 23		.1	.1														2	2	13	44					
22/ 21		.2	.1														3	3	2	25					
20/ 19		.2	.1														3	3	4	19					
18/ 17		.1															1	1	2	19					
16/ 15		.1															1	1	2	17					
14/ 13																			1	12					
12/ 11																				7					
10/ 9																				5					
8/ 7																				1					
Element (X)	Σ X ²	Σ X	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	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																									

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 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

YEARS

MAP MONTH

PAGE 2 000-0200
 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																	
6/ 5																																				3		
TOTAL	3.3	23.3	26.7	18.9	11.9	7.3	5.1	1.5	1.3	.4	.1	.1																						930	930	930	430	

Element (X)	$\sum X^2$	$\sum X$	\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.	4528143	62703	67.4	17.987	930							93
Dry Bulb	2194663	44139	47.5	10.363	930		6.7	2.5	.3			93
Wet Bulb	1761475	39491	42.5	9.540	930		13.6					93
Dew Point	1349897	33687	36.2	11.814	930		37.2					93

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USAETAC FORM 0-25-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FI SILL AAF OK 7-70, 73-78 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
72/ 71					.1												1	1		
68/ 67			.2		.1	.2											5	5		
66/ 65			.3	.6		.3											12	12	1	
64/ 63	.2	1.0	.3	.3		.1			.1	.1							20	20	5 3	
62/ 61	.1	.6	.5	.2			.1	.1		.1							17	17	15 10	
60/ 59	.2	.9	.2	.4	.1	.1	.3	.1		.2							24	24	18 10	
58/ 57	.4	.9	.4	.3	.6	.2	.5			.1							33	33	25 12	
56/ 55	.4	2.3	2.5	.9	.5	1.0	.3		.2								75	75	24 28	
54/ 53	.2	1.3	1.1	.6	1.0	1.1	.2	.1	.1								53	53	30 26	
52/ 51	.3	1.1	1.3	.6	.4	.2											37	37	38 30	
50/ 49	.1	1.7	1.3	.6	1.0	.4		.1									49	49	39 29	
48/ 47	.1	3.0	1.2	1.9	.4	.2	.2										66	66	58 34	
46/ 45	.3	2.2	3.3	1.2	1.0	.4	.1										79	79	69 42	
44/ 43		2.8	3.1	2.0	1.6	.4											93	93	64 33	
42/ 41		1.1	1.3	2.3	.6	.1											50	50	86 44	
40/ 39	.3	1.6	2.5	1.9	.3	.1											63	63	57 57	
38/ 37	.3	1.9	2.4	1.7	.1												60	60	80 46	
36/ 35	.1	2.2	2.5	1.3	.3												59	59	73 69	
34/ 33	.3	1.9	1.2	.4													36	36	75 63	
32/ 31		1.7	1.9	.2													36	36	27 71	
30/ 29		1.2	1.2	.3													25	25	32 53	
28/ 27		.3	1.0	.3													15	15	35 67	
26/ 25		.3	.5														8	8	20 37	
24/ 23		.1	.1														2	2	12 45	
22/ 21		.4	.2														6	6	6 37	
20/ 19																			5 22	
18/ 17		.3															3	3	14	
16/ 15		.1															1	1	3 16	
14/ 13		.2															2	2	2 18	
12/ 11																			1 5	
10/ 9																			0	
6/ 5																			3	
TOTAL	3.5	31.1	30.5	18.4	8.3	4.9	1.8	.4	.4	.5							930	930	930	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	4992420	66310	71.3	16.872	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93								
Dry Bulb	1971650	41828	45.0	9.863	930		9.8	.6				93								
Wet Bulb	1640589	38047	40.9	9.512	930		17.3					93								
Dew Point	1301892	33044	35.5	11.729	930		39.4					93								

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USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK
 STATION STATION NAME

67-70, 73-78
 YEARS

MAR
 MONTH

PAGE 1 0600-0600
 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														
68/67			.2															2	2																
66/65		.2		.1		.2												5	5	2															
64/63		.6	.3	.1	.1		.1	.1	.1									14	14	3	2														
62/61	.2	1.0	.3	.3	.2		.1	.1	.2									23	23	10	7														
60/59	.6	1.4	.1	.1			.3		.1									25	25	21	16														
58/57	.2	1.5	.6	.9	.1	.3												34	34	18	16														
56/55	.3	1.6	1.0	.9	.5	.5	.2			.1								48	48	25	20														
54/53	.4	2.4	1.1	1.1	1.1	.4			.3									63	63	35	27														
52/51		.4	1.5	.2	.6													26	26	31	18														
50/49	.2	2.6	1.4	1.1	.9	.1		.1										59	59	37	33														
48/47	.2	4.0	1.3	1.5	.9	.1	.1											75	75	65	37														
46/45	.3	1.7	2.0	2.0	.5	.3												65	65	72	51														
44/43		2.0	2.6	1.2	1.4	.2												69	69	45	38														
42/41	.2	2.7	2.2	2.4	.3													72	72	70	29														
40/39	.3	1.9	2.2	2.8	.5													72	72	80	60														
38/37	.1	2.3	1.7	1.9	.1													57	57	71	50														
36/35	.2	2.6	3.5	.8	.1													67	67	71	76														
34/33	.3	1.8	2.0	.5														44	44	80	60														
32/31	.3	1.8	1.8	.1														38	38	67	66														
30/29		1.0	1.1	.3														22	22	46	33														
28/27		1.0	1.5	.2														25	25	26	69														
26/25		.1	.8															8	8	16	67														
24/23		.4	.2															6	6	19	44														
22/21		.2	.1															3	3	9	33														
20/19		.2																2	2	3	18														
18/17		.1																1	1	2	15														
16/15		.3																3	3	1	10														
14/13		.2																2	2	4	18														
12/11																				1	4														
10/9																					4														
8/7																					6														
6/5																					3														
TOTAL	4.1	36.1	29.6	18.5	7.4	2.3	.9	.3	.6	.2								930	930	930	430														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	5246840	68260	73.4	15.962	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	1889128	40928	44.0	9.730	930		11.0	.2				93																							
Wet Bulb	1601734	37566	40.4	9.526	930		19.4					93																							
Dew Point	1296851	32985	35.5	11.690	930		39.0					93																							

9477 54321
 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK
STATION STATION NAME

57-70, 73-78
YEARS

MAK
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															
84/ 83															.1	.1																2	2		
82/ 81														.1																		1	1		
80/ 79																.1																1	1		
78/ 77																	.2											.1				3	3		
76/ 75										.1		.1																			4	4			
74/ 73								.1	.2	.1	.1																				5	5			
72/ 71				.2		.2		.2	.2								.2	.2	.1												11	11			
70/ 69			.2	.1	.6	.2	.1	.2	.1	.3							.2	.1	.1												20	20			
68/ 67		.1	.3	.3	.3	.3	.5	.3	.2								.2														25	25			
66/ 65	.1	.1	.8	.1	.3	.3	.6	.2	.3	.2	.2																				31	31	10	2	
64/ 63	.2	.5	.5	.5	.3	.8	.6	.3	.1	.1																					38	38	11	3	
62/ 61	.3	.3	.5	.8	1.3	1.1	.8	.3	.6															.2							58	58	26	17	
60/ 59	.1	1.1	.9	.4	1.2	1.2	.5	.5	.3	.1																					59	59	18	14	
58/ 57	.1	.8	1.2	.8	.5	.6	.4	.3	.3							.1															48	48	37	23	
56/ 55		.6	1.3	1.1	1.0	.9	.5	.6	.1	.1																					58	58	47	20	
54/ 53	.2	1.6	.9	.9	.8	1.0	.9	.3																							60	60	52	18	
52/ 51		1.0	1.2	1.0	1.0	1.1	.6	.2																							56	56	74	43	
50/ 49		2.4	1.3	1.2	1.2	1.6	.1																								72	72	63	34	
48/ 47		1.5	.6	1.8	1.3	.4	.3																								56	56	63	53	
46/ 45	.1	.8	1.3	1.2	1.3	.5	.1																								49	49	64	56	
44/ 43	.3	1.0	1.1	.8	1.4	.3	.1																								46	46	71	40	
42/ 41		.4	1.2	1.8	.8																										39	39	62	52	
40/ 39		.8	1.5	.9	.4	.1																									34	34	64	41	
38/ 37	.1	1.5	.8	1.2	.2																										35	35	50	49	
36/ 35	.4	1.1	1.3	1.1	.1																										37	37	62	53	
34/ 33	.5	1.4	1.6	.6	.1																										40	40	46	55	
32/ 31		.2	.4	.6	.3																										15	15	42	55	
30/ 29			.4	.6																											10	10	24	50	
28/ 27		.2	.4	.1																											7	7	10	65	
26/ 25			.1	.1																											2	2	16	57	
24/ 23			.1																												1	1	8	31	
22/ 21			.3																												3	3	1	18	
20/ 19		.1	.2																												3	3	5	21	
18/ 17		.1																													1	1	3	17	
Element (X)	Σx ²		Σx		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-70, 73-78
STATION STATION NAME YEARS

MAK
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
16/ 15																				1	9
14/ 13																					14
12/ 11																					4
10/ 9																					10
8/ 7																					3
6/ 5																					3
TOTAL	2.6	17.5	20.4	18.2	14.4	10.9	6.8	3.7	2.4	.9	1.0	.6	.4	.1	.2				930	930	930
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	3994476	58108	62.5	19.789	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	2517560	47230	50.8	11.317	930		4.2	7.2	1.6	.3		93									
Wet Bulb	1921912	41292	44.4	9.763	930		11.0					93									
Dew Point	1411594	34408	37.0	12.213	930		35.7					93									

9477-10-1021
 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71
 USAF/TAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK STATION NAME 7-70, 73-78 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															
96/ 95																	.2	2	2																
94/ 93															.1			1	1																
90/ 89													.1	.1			.1	3	3																
88/ 87													.2			.1	.1	4	4																
86/ 85											.2	.1		.3	.1			7	7																
84/ 83										.1	.1		.1	.1	.1			5	5																
82/ 81									.1	.2		.3		.2		.1		9	9																
80/ 79							.2	.2	.5	.2	.1		.2	.2				17	17																
78/ 77				.1		.1	.2	.2	.1	.5	.1	.1	.3					17	17																
76/ 75				.5	.5	.3	.5	.6	.2		.2	.1	.1					30	30																
74/ 73			.1	.1	.6	.5	.2	.4	.9	.1	.4	.4						36	36																
72/ 71		.1	.3	.3	.2	.3	.6	.4	.6	.4	.1	.4						33	33																
70/ 69		.2	.5	.2	.8	.5	1.0	.9	.8	.3	.1	.1						50	50	2															
68/ 67	.1	.1	.5	.4	1.1	.8	1.3	.3	.4	.2	.1							50	50	2															
66/ 65	.1	.2	.3	1.0	1.1	.2	1.5	1.0	.9	.2	.1	.1						62	62	27															
64/ 63	.2	.1	.6	.4	1.0	.9	.5	.6	.3	.3	.2							49	49	30															
62/ 61	.1	.2	.4	.3	.5	1.1	.5	.6	.6	.3	.1							45	45	26															
60/ 59	.4	.5	.4	.4	.1	.2	.6	.6	.3									35	35	19															
58/ 57	.2	1.2	.9	.6	.6	.9	1.0	.6										56	56	56															
56/ 55	.1	.6	.5	1.9	1.0	.4	1.3	.2										59	59	65															
54/ 53	1.2	.9	.5	.8	.8	1.2	.6											55	55	60															
52/ 51	1.3	.2	.6	.9	.3	.9	.5											44	44	20															
50/ 49	.5	.9	.3	1.2	.8													34	34	69															
48/ 47	.8	.5	.6	.2	.9	1.0												37	37	61															
46/ 45	1.0	.3	.6	.5	.3	.1	.1											28	28	60															
44/ 43	.5	.4	.6	.2	.3	.1												21	21	64															
42/ 41	.5	.6	.4	.2	.6													23	23	50															
40/ 39	.4	.9	.6	.5	.5													29	29	47															
38/ 37	.1	.4	.4	.4	.5	.3												21	21	36															
36/ 35	.1	1.4	1.0	.2	.8	.1												33	33	34															
34/ 33	.3	1.1	.5	.1	.3													22	22	41															
32/ 31	.2		.1	.1														4	4	28															
30/ 29		.1	.2															3	3	17															
28/ 27		.3	.1															4	4	8															
Element (X)	Σx ²		Σx		x̄		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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK
STATION STATION NAME

67-70, 73-78
YEARS

MAR
MONTH

PAGE 2 1200-1700
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			
26/ 25			.2															2	2	6	40			
24/ 23																				3	36			
22/ 21																				3	18			
20/ 19																					26			
18/ 17																					13			
16/ 15																					21			
14/ 13																					10			
12/ 11																					7			
10/ 9																					7			
8/ 7																					5			
TOTAL	1.0	10.8	9.8	10.4	11.4	12.3	11.0	10.1	8.2	6.0	2.7	1.8	1.9	1.4	.6	.2	.4	930	930	930	930			
Element (X)	ΣX^2		ΣX		\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	2827603		47279		50.82	1.365	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93										
Dry Bulb	3294539		53961		58.0	13.270	930		1.3	26.4	13.1	3.8	.3	93										
Wet Bulb	2220800		44514		47.9	9.851	930		6.5	1.0				93										
Dew Point	1449231		34843		37.5	12.442	930		33.5					93										

9477 94021
 USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK
STATION STATION NAME

7-70, 73-78
YEARS

MAR
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															
96/ 95																	.1	1	1																	
94/ 93																.1	.2	3	3																	
92/ 91														.1	.1	.1		3	3																	
90/ 89											.1			.1	.1	.9	11	11																		
88/ 87										.1	.1	.1	.1	.2	.2	.1	9	9																		
86/ 85										.2	.2	.1	.1	.1	.2	.2	6	6																		
84/ 83								.3		.2	.1	.1	.3	.3	.2	.4	19	19																		
82/ 81							.1	.1	.3	.2	.3	.2	.1	.2	.1		16	16																		
80/ 79							.2	.3	.3	1.0	.4			.1	.2		24	24																		
78/ 77				.1		.4	.4	.4	.8	.5	.3	.4	.1	.4			33	33																		
76/ 75				.1	.4	.3	.8	.2	1.0	.2	1.0	.1	.5		.2		40	40																		
74/ 73				.1	.4	.3	.4	.6	1.1	.4	.3	.2	.4				41	41																		
72/ 71						.3	.1	.5	.6	1.1	.4	.5	.1	.1			36	36																		
70/ 69			.1	.1	.1	.3	.4	.5	1.2	.9	.5	1.0	.3				51	51	2																	
68/ 67			.4	.2	.6	.2	.5	.5	.9	1.2	.5	.1	.2	.1			52	52	7																	
66/ 65		.1	.3	.2	.8	.3	1.2	1.0	.6			.2	.3				53	53	19	2																
64/ 63		.4	.2	.2	1.0	.8	.9	.5	.6	1.0	.3	.3					58	58	38	4																
62/ 61	.1	.1	.8	.5	.2	.1	.4	.8	1.4	.5							46	46	30	12																
60/ 59		.2	.9	.2	.9	.8	.8	.4	.4	.4							46	46	53	15																
58/ 57	.1	.1	.4	.6	.6	.6	.9	.8	.8								40	40	70	20																
56/ 55	.1	.3	.2	1.7	1.3	.5	1.0	.3									52	52	66	28																
54/ 53	.9	.6	.3	.3	.3	1.0	1.5										46	46	59	21																
52/ 51	1.1	.1		.2	.8	.8	.5										32	32	90	31																
50/ 49	.8	.1		.1	.3	.9	.1	.2									23	23	68	48																
48/ 47	.5	.6	.5	.4	.3	.3											26	26	64	40																
46/ 45	.1	.1	.9	.3	.3	.1											17	17	67	47																
44/ 43	1.3	.1	.4	.4	1.0												30	30	53	40																
42/ 41	.4	.3	.9	.4	.6	.5											30	30	54	52																
40/ 39	.6	.4	.5	.6	.8												28	28	42	57																
38/ 37	.9	.8	.1														16	16	25	44																
36/ 35	1.2	.5	.1	.4													21	21	35	58																
34/ 33	.1	.9	.1	.1													11	11	47	54																
32/ 31	.3		.1	.1													5	5	20	48																
30/ 29		.2															2	2	9	62																
Element (X)	ΣX^2	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																																				

9477 54321
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC FORM JUN 71 0-26-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF MK

7-70, 73-76

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

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
28/ 27																				5	48
26/ 25			.3															3	3	4	41
24/ 23																					28
22/ 21																				3	31
20/ 19																					34
18/ 17																					17
16/ 15																					13
14/ 13																					7
12/ 11																					12
10/ 9																					13
8/ 7																					3
TOTAL	.4	9.9	7.4	6.1	10.0	9.5	11.0	9.6	9.2	7.4	6.1	3.7	3.4	1.5	1.8	.9	2.0		930		930
																		930		930	
Element (X)	Z _x ¹	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Ref. Hum.	2393814	42404	45.6	22.261	93()	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3644965	56771	61.0	1.898	93()		1.0	34.5	20.6	7.7	.4	93									
Wet Bulb	2296386	45364	48.8	9.486	93()		4.1	.9				93									
Dew Point	1391566	34080	36.6	12.394	93()		35.7					93									

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF MK STATION NAME

7-70, 73-76 YEARS

MAR 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
90/ 89															.1	.1	.2	4	4	
88/ 87																.1		1	1	
86/ 85											.1			.1		.1	5	5		
84/ 83										.1	.1		.2		.1		5	5		
82/ 81										.1	.1	.1	.2	.2	.1		10	10		
80/ 79										.2	.1	.1	.3	.2	.2		12	12		
78/ 77							.2	.1	.1	.2	.1	.2	.4				13	13		
76/ 75							.4	.3	.5	.1	.9	.4	.3		.1		29	29		
74/ 73					.1	.8	.3	.3	.1	.4	.3	.3	.1	.3	.1		30	30		
72/ 71				.1	.2	.5	.3	.3	.2	.5	.3	.4	.1				29	29		
70/ 69				.2	.6	.8	.4	.6	.3	.1	.2						31	31		
68/ 67			.1	.1	.2	.5	.5	.2	1.0	.4	.6	.4	.1				41	41	1	
66/ 65			.3	.3	.6	.2	.6	.5	.5	.8	.1	.3	.2				43	43	6	
64/ 63			.2	.4	.4	1.0	1.2	1.0	.6	.4	.3	.1					55	55	29	
62/ 61	.1	.6	.4	.9	.5	.9	.4	1.1	1.0	.2	.1	.4					62	62	27 7	
60/ 59	.2	.8	.8	.5	.5	1.0	.9	.3	1.1	.2	.1						58	58	40 11	
58/ 57		.8	.6	.6	1.7	.5	1.1	.8	.4	.2	.2						65	65	57 28	
56/ 55		.2	.9	.4	1.2	.9	.2	.9	.2								45	45	49 33	
54/ 53		1.1	.8	1.1	.6	.9	.8	.5	.2								55	55	68 23	
52/ 51		.4	.4	.6	1.2	.9	.9	.4									45	45	73 33	
50/ 49	.1	.8	1.1	.3	1.1	.9	.9	.1	.1								49	49	81 43	
48/ 47		.6	.6	.9	.5	1.6	.2										42	42	73 33	
46/ 45	.1	.5	.3	.6	.6	.5	.1										27	27	62 40	
44/ 43		1.2	.2	.6	.6	.2	.1										28	28	66 49	
42/ 41		.8	.4	.6	.6	.4	.1										28	28	59 61	
40/ 39		.1	.8	.4	1.0	.5											26	26	49 53	
38/ 37		.5	.5	1.2	.5												26	26	45 35	
36/ 35		1.9	.8	.5	.1												31	31	33 71	
34/ 33		.8	.5	.2	.2	.1											17	17	47 49	
32/ 31		.3	.2	.2	.2												9	9	26 60	
30/ 29			.2	.1	.1												4	4	22 41	
28/ 27			.1	.1													2	2	2 52	
26/ 25			.3														3	3	6 44	
24/ 23																			4 43	
Element (X)	Σ x ²		Σ x		x̄		s _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																				

9477 94321
 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK
 STATION STATION NAME

7-70, 73-78
 YEARS

MAR
 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
22/ 21																				4	33
20/ 19																				1	15
18/ 17																					21
16/ 15																					14
14/ 13																					5
12/ 11																					9
10/ 9																					19
8/ 7																					2
0/ -1																					1
-6/ -7																					1
-8/ -9																					1
TOTAL	.5	1.3	10.6	11.3	14.0	13.0	9.8	7.5	6.8	4.1	3.7	3.2	2.0	.6	.6	.5	.3	930	930	930	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Ref. Hum.	2907820	47818	51.42	1.988	930	≤ 0 F	≤ 37 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	3141119	52749	56.7	2.674	930		1.6	21.0	10.9	3.0		43									
Wet Bulb	2124565	43591	46.9	2.359	930		6.5	.1				43									
Dew Point	1372315	33837	36.4	2.372	930	.3	36.1					43									

1477 34021
 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

APR
 MONTH

PAGE 1 2100-2,00
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
88/ 87																													.1	1	1				
84/ 83																																			
82/ 81																																			
80/ 79																																			
78/ 77																																			
76/ 75																																			
74/ 73																																			
72/ 71																																			
70/ 69																																			
68/ 67																																			
66/ 65																																			
64/ 63																																			
62/ 61																																			
60/ 59																																			
58/ 57																																			
56/ 55																																			
54/ 53																																			
52/ 51																																			
50/ 49																																			
48/ 47																																			
46/ 45																																			
44/ 43																																			
42/ 41																																			
40/ 39																																			
38/ 37																																			
36/ 35																																			
34/ 33																																			
32/ 31																																			
30/ 29																																			
28/ 27																																			
26/ 25																																			
24/ 23																																			
22/ 21																																			
20/ 19																																			
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

9477 54321
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC FORM JUN 71 0-26-3 (OL A)
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK STATION NAME 7-70, 73-78 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			
18/ 17																					3	10		
16/ 15																						14		
14/ 13																						8		
12/ 11																						14		
10/ 9																						5		
8/ 7																						1		
6/ 5																						1		
-6/ -7																						1		
-8/ -9																						1		
TOTAL	1.8	15.3	20.9	18.6	14.5	9.9	6.9	5.4	2.9	1.8	.8	.8	.2	.2	.2	.1	930	930			30			

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	3836758	56774	61.0	19.9	930							
Dry Bulb	2553697	47621	51.2	11.1	930		4.0	7.7	2.1	.3		93
Wet Bulb	1923108	41372	44.5	9.4	930		10.2	.2				93
Dew Point	1386159	34107	36.7	12.0	930		.2	36.0				93

1477 54321

USAF/TAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
STATION

ET SILL AAF OK
STATION NAME

7-70, 73-78
YEARS

MAR
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
96/ 95																	.0	3	3		
94/ 93																	.0	4	4		
92/ 91																	.0	3	3		
90/ 89																	.0	18	18		
88/ 87																	.0	15	15		
86/ 85																	.0	18	18		
84/ 83																	.0	32	32		
82/ 81																	.0	37	37		
80/ 79																	.0	56	56		
78/ 77																	.0	68	68		
76/ 75																	.0	107	107		
74/ 73																	.0	125	125		
72/ 71																	.0	135	135		
70/ 69																	.0	179	179	4	
68/ 67																	.0	201	201	18	
66/ 65																	.0	254	254	67	7
64/ 63																	.0	289	289	137	24
62/ 61																	.0	345	345	150	71
60/ 59																	.0	327	327	235	109
58/ 57																	.0	397	397	327	165
56/ 55																	.0	465	465	362	220
54/ 53																	.0	455	455	384	182
52/ 51																	.0	335	335	507	266
50/ 49																	.0	432	432	456	323
48/ 47																	.0	420	420	520	328
46/ 45																	.0	390	390	567	360
44/ 43																	.0	409	409	496	313
42/ 41																	.0	335	335	516	382
40/ 39																	.0	320	320	468	446
38/ 37																	.0	295	295	435	398
36/ 35																	.0	337	337	422	485
34/ 33																	.0	236	236	451	435
32/ 31																	.0	152	152	322	465
30/ 29																	.0	88	88	204	490
Element (X)	Σx^2	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																					

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

YEARS

MAR
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				
28/ 27		.2	.5	.2	.0													70	70	130	455			
26/ 25		.1	.3	.0	.0													33	33	89	388			
24/ 23		.1	.1	.0														14	14	64	313			
22/ 21		.1	.1															17	17	30	221			
20/ 19		.1	.1															9	9	21	182			
18/ 17		.1																6	6	19	126			
16/ 15		.1																5	5	7	114			
14/ 13		.1																4	4	7	92			
12/ 11																				2	62			
10/ 9																					69			
8/ 7																					21			
6/ 5																					13			
0/ -1																					1			
-6/ -7																					2			
-8/ -9																					2			
TOTAL	2.2	19.4	19.5	15.1	11.5	3.7	6.6	4.8	4.0	.7	1.8	1.3	1.0	.5	.4	.2	.4		7440		7440			
																			7440		7440			
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature								Total									
Rel. Hum.	30727874	449656	60.4	21.851	744		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total											
Dry Bulb	21207321	385227	51.8	13.020	7440			39.4	100.1	48.6	15.1	.1	744											
Wet Bulb	15490569	331237	44.5	9.998	7440			88.6	2.2				744											
Dew Point	10960505	270991	36.4	12.105	7440		.5	292.6					744											

9477 54321
 USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 57-73, 73-78 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															
78/ 77														.2				2	2																	
76/ 75					.1		.1	.1			.1							4	4																	
74/ 73		.2		.4		.1	.2											9	9	2																
72/ 71		.6	.7	.3	.3	.2	.1	.1										21	21	7	2															
70/ 69	.3	1.0	2.4	.7	.7	.3	.1	.2										52	52	9	9															
68/ 67	.1	.8	3.0	1.6	1.2	.3	.1	.1	.2									67	67	25	5															
66/ 65		1.4	1.8	2.0	1.0	.1	.1	.2										60	60	40	19															
64/ 63	.2	1.7	1.1	1.7	.4	.9	.4											59	56	61	52															
62/ 61	.2	2.8	.7	2.4	1.3	1.0	.4	.2										82	82	49	40															
60/ 59		3.1	1.8	2.1	1.0	1.3	.3											87	87	67	40															
58/ 57	.1	1.7	2.1	1.0	1.7	1.9	.6	.3										84	84	58	58															
56/ 55	.4	1.0	.8	1.7	1.7	1.0	.3	.1										63	63	69	69															
54/ 53		1.4	1.1	1.7	1.3	.3												53	53	68	45															
52/ 51		1.6	1.9	2.4	1.7	.3		.1										72	72	59	47															
50/ 49		.6	2.3	2.2	1.2	.1												58	58	79	53															
48/ 47		1.3	1.0	1.4	.2													36	36	77	47															
46/ 45	.1	1.0	.7	.7	.2	.2												26	26	77	39															
44/ 43		.1	1.2	1.2	.3	.1												27	27	33	61															
42/ 41			.8	.2	.1													10	10	28	53															
40/ 39		.4	.2	.2														8	8	26	65															
38/ 37			.1	.2	.1													4	4	19	50															
36/ 35			.2	.6														7	7	6	39															
34/ 33		.2	.2															4	4	3	34															
32/ 31	.1	.1	.1															3	3	10	25															
30/ 29	.2	.1																3	3	9	14															
28/ 27																				2	8															
26/ 25																				1	7															
24/ 23																					2															
22/ 21																					8															
20/ 19																					5															
18/ 17																					4															
TOTAL	1.9	21.0	24.0	24.9	14.9	8.3	2.9	1.1	.7			.1		.2				900			900															
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	4775825	63997	71.11	8.825	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	3052941	51841	57.6	8.623	900		.6	15.5	1.5			90																								
Wet Bulb	2549877	47247	52.5	8.797	900		2.2	3.9	.2			90																								
Dew Point	2158398	42936	47.7	11.065	900		7.3	1.0				90																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK

67-70, 73-78

APR

STATION

STATION NAME

YEARS

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				
72/ 71		.3	.3	.1		.1												9	9	3					
70/ 69	.1	.8	1.1	.2	.2	.1					.1							23	23	4	7				
68/ 67	.1	1.3	3.0	.8														47	47	15	3				
66/ 65	.2	2.4	1.3	1.6	.1	.1	.1	.1										54	54	29	20				
64/ 63	.1	1.3	1.7	.7	.3	.3			.1									41	41	50	40				
62/ 61	.3	3.3	1.8	2.1	1.0	.2		.1	.1									81	81	35	34				
60/ 59	.7	4.0	1.9	.9	1.6	.7		.2										89	89	73	35				
58/ 57	.1	2.6	4.1	1.3	1.1	.4												87	87	64	81				
56/ 55	.2	1.6	1.4	.6	1.6	1.2	.2											61	61	68	52				
54/ 53	.2	1.8	1.6	1.4	1.1	.7	.1											62	62	73	49				
52/ 51	.1	1.9	3.3	2.3	1.4	.3												87	87	53	48				
50/ 49		.8	2.1	2.1	.8	.1												53	53	52	51				
48/ 47		1.7	2.0	3.0	.9													68	68	76	44				
46/ 45		1.0	2.0	1.3	.1													40	40	77	56				
44/ 43		.4	1.3	.6														21	21	70	39				
42/ 41		.7	1.7	.9	.2													31	31	50	60				
40/ 39		.2	1.0	.4														15	15	34	50				
38/ 37		.6		.1														6	6	27	52				
36/ 35		.2	.1	.8	.1													11	11	16	45				
34/ 33			.6															5	5	7	52				
32/ 31																				3	26				
30/ 29	.1	.2	.1															4	4	14	22				
28/ 27	.3		.2															5	5	4	5				
26/ 25																				3	9				
24/ 23																					1				
22/ 21																					13				
20/ 19																					2				
18/ 17																					4				
TOTAL	2.7	27.1	32.9	21.2	10.6	4.3	.4	.3	.3	.1								900	900	900	900				
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	5261977		67617		75.11		4.225		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total								
Dry Bulb	2790857		49519		55.0		3.586		900			.9	7.9				90								
Wet Bulb	2408734		45852		50.9		3.994		900			2.4	2.2				90								
Dew Point	2089963		42217		46.9		1.044		900			8.2	1.0				90								

9477 54021
 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

APR

PAGE 1 0600-0:00
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73		.3																			3	3		
72/ 71		.2	.2	.2																	6	6	3	
70/ 69		.3	1.1																		13	13	3	6
68/ 67	.2	.7	2.2	.2			.2														32	32	10	4
66/ 65		3.1	2.8	.6	.2	.1		.2													63	63	29	14
64/ 63	.2	2.7	2.3	.7	.8	.2		.1	.1												64	64	45	37
62/ 61	.3	4.1	2.4	1.0	.8	.1	.2			.2											83	83	61	44
60/ 59	.6	3.3	2.0	1.2	.7	.4		.1													75	75	61	59
58/ 57	.1	2.1	2.3	1.1	1.4	.4	.6														73	73	62	60
56/ 55	.1	2.7	1.9	2.3	1.6	.6	.2	.1													85	85	64	47
54/ 53	.2	2.2	1.6	1.6	1.1	1.0	.1														70	70	62	40
52/ 51		1.3	3.7	2.2	.3	.7	.1														75	75	55	58
50/ 49	.1	.8	1.7	2.1	.9	.2															52	52	73	46
48/ 47		1.8	2.4	2.6	.6																66	66	81	46
46/ 45		.6	1.9	2.1	.6	.1															47	47	66	58
44/ 43		.2	1.0	.7	.1																18	18	63	53
42/ 41		.0	1.7	.6	.1																26	26	51	46
40/ 39	.2	.6	.6	.6																	17	17	38	52
38/ 37		.3	.1	.2	.1																7	7	27	49
36/ 35		.3	.1	.3																	7	7	12	54
34/ 33		.3	.3	.3																	9	9	10	39
32/ 31			.2																		2	2	4	28
30/ 29	.2			.1																	3	3	11	24
28/ 27	.2		.1																		3	3	5	11
26/ 25			.1																		1	1	1	4
24/ 23																							2	1
22/ 21																								6
20/ 19																								7
18/ 17																								2
16/ 15																								
TOTAL	2.6	28.6	22.8	10.1	9.2	4.1	1.2	.6	.3												900	900	900	900
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	5314719	67915	75.5	14.529	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90												
Dry Bulb	2778636	49428	54.9	8.441	900		.9	5.4	.3			90												
Wet Bulb	2404463	45815	50.9	8.963	900		2.3	1.6				90												
Dew Point	2091608	42222	46.9	11.103	900		8.8	1.6				90												

9477 54321

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

07-70, 73-78

APP

PAGE 1 0900-1100
 MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb
82/ 81																		1	1	
80/ 79				.1		.1	.1	.1	.1		.1	.1						7	7	
78/ 77			.1		.1	.2	.2	.3		.1								12	12	
76/ 75		.1	.1	.9	.9	.3	.8	.2	.2	.3	.2	.1	.1	.1				39	39	
74/ 73		.2	.2	1.3	1.0	.3	.3	.2	.0	.1	.3							43	43	3
72/ 71		.2	.7	1.4	.9	.9	.7	.3	.4	1.0	.4	.1						64	64	6
70/ 69		.2	2.7	1.2	1.9	.9	.7	.6	1.0	.6	.2							89	89	14
68/ 67	.2	.2	2.0	1.3	.9	.6	.6	1.4	.8	.1	.2							75	75	43
66/ 65		1.2	2.7	1.2	.8	1.0	1.2	2.1	.6	.4	.1							102	102	53
64/ 63	.3	1.7	1.0	1.1	1.0	.7	1.3	1.1	.6	.1								80	80	70
62/ 61	.3	1.8	.7	1.1	.9	1.7	1.6	.6	.1	.1								79	79	80
60/ 59		.9	1.2	1.0	.8	1.6	.8	.4	.1									61	61	66
58/ 57		.9	1.0	1.2	1.0	1.3	1.3	.4	.1									66	66	49
56/ 55		.7	1.4	.7	1.4	.8	.6	.1	.1									52	52	79
54/ 53		.9	.6	.9	.9	.4	.1	.2										36	36	92
52/ 51		.7		.4	.8	.6	.1											23	23	87
50/ 49		.4	.6	.8	.3	.1	.2											22	22	76
48/ 47		.4	.2	.4	.4	.1												15	15	59
46/ 45				.4		.3												7	7	41
44/ 43				.1	.1	.1												3	3	27
42/ 41			.2		.6													7	7	17
40/ 39	.1	.3			.1													5	5	9
38/ 37	.1	.2		.2	.1													6	6	7
36/ 35	.1	.2																3	3	7
34/ 33				.3														3	3	8
32/ 31																				2
30/ 29																				2
28/ 27																				2
26/ 25																				
24/ 23																				
22/ 21																				
20/ 19																				
18/ 17																				
16/ 15																				
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54921

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

13945
 STATION

FT SILL AAF OK
 STATION NAME

67-70, 73-78
 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
88/ 87											.1							1	1		
86/ 85							.1	.1	.1	.1	.2		.3	.1	.1	.1		12	12		
84/ 83							.2	.2	.2	.2	.3	.1	.2	.3				17	17		
82/ 81					.1	.3	.7	.3	.4	.1	.4	.2	.3					27	27		
80/ 79				.4	1.0	1.1	1.3	.3	1.0	.3	.2	.2	.2	.2	.1			59	59		
78/ 77			.3	1.6	1.7	.8	1.0	.6	.6	.6	.7	.8	.4					80	80		
76/ 75		.2	.2	2.0	1.1	1.1	1.1	.6	1.4	1.1	.7	.1						87	87		
74/ 73	.1		1.4	.6	.6	.8	.4	.8	1.3	.4	1.0		.1					68	68	5	
72/ 71		.6	1.2	1.6	.2	.9	.6	1.0	1.3	1.2	.3	.2						82	82	22	
70/ 69	.2	1.1	1.3	.6	1.1	1.4	1.0	1.9	1.2	.6	.1							95	95	38	
68/ 67	.4	.7	.7	.7	.4	.4	.8	.9	.7	.4	.1							56	56	70	
66/ 65	.1	1.1	.7	1.0	.7	.8	1.8	.8		.1								63	63	71	
64/ 63	.9	.8	.2	1.1	.8	1.8	.9	.6										63	63	59	
62/ 61	1.3	.4	.8	.8	.6	.7	1.0	.2	.1									53	53	74	
60/ 59	.3	1.0	.2	.4	.9	.8	.2	.7										41	41	72	
58/ 57	.4	.7	.1	.2	.3		.1	.1										18	18	72	
56/ 55	.8	.1	.1	.3	.7	.1	.2											21	21	98	
54/ 53	.1	.1	.2	.2	.3	.2	.1	.1										12	12	86	
52/ 51	.1	.2	.1	.2	.1	.1	.3											11	11	89	
50/ 49	.7		.2	.1		.1												10	10	49	
48/ 47	.3				.2	.2												7	7	33	
46/ 45					.2													2	2	19	
44/ 43				.2														2	2	14	
42/ 41		.2			.2													4	4	3	
40/ 39	.3	.1			.1													5	5	4	
38/ 37	.2																	2	2	13	
36/ 35	.1																	1	1	5	
34/ 33																				5	
32/ 31																				2	
30/ 29																				1	
28/ 27																					
26/ 25																					
24/ 23																					
22/ 21																					
Element (X)	Σ x'	Σ x	Σ	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																					

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK
STATION STATION NAME

7-70, 73-78
YEARS

APR
MONTH

PAGE 2 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				
20/ 19																						3			
18/ 17																						1			
16/ 15																						2			
14/ 13																						1			
TOTAL	.4	6.2	7.5	7.9	12.2	11.5	12.1	11.3	9.1	6.1	5.8	3.4	2.0	1.4	.7	.2		899	899		899				
Element (X)	Σx'	Σx	̄x	s _x	No. Obs.	Mean No. of Hours with Temperature							Total												
Rel. Hum.	2723250	46092	51.37	0.025	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90													
Dry Bulb	4367303	62149	69.1	8.883	899			54.5	35.1	8.1		90													
Wet Bulb	3036954	51784	57.6	7.762	899			33.5	25			90													
Dew Point	2224234	43460	48.31	1.716	899			7.1	2.2			90													

9477-34321
 USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-70, 73-78 APP
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1700
 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
92/ 91												.1					1			
90/ 89										.1	.1	.3					5		5	
88/ 87										.2	.2	.3	.3				10		10	
86/ 85								.1	.1	.3	.3	.2	.1	.1	.1		13		13	
84/ 83						.2	.4	.7		.7	.3	.3	.2	.3	.4	.7	39		39	
82/ 81					.1	.2	.7	.7	1.2	.4	.3	.8	.1	.1			42		42	
80/ 79				.1	.2	1.0	1.7	1.9	.6	.7	.7	.9	.7	.4	.3	.2	84		84	
78/ 77				.1	.4	1.6	.8	1.0	1.0	.6	.7	1.2	.2	.1	.2		71		71	
76/ 75		.1		.2	1.4	1.1	.1	1.0	1.4	1.0	1.7	1.2	.4	.2			90		90	
74/ 73		.2		1.6	.4	.7	.4	.8	1.6	1.0	.9	1.0	.9	.1			86		86	7
72/ 71			.6	1.0	.9	.3	1.7	.7	.8	1.7	.9	.3	.1				80	80	16	3
70/ 69		.1	.8	.7	1.2	.4	.3	.7	.8	1.0	.1	.1	.1				57	57	29	7
68/ 67		.2	.3	.9	.4	.3	.3	.8	1.6	.8	.1	.1					53	53	77	10
66/ 65		.2	1.3	.8	.1	.7	1.4	1.4	1.6	.9							76	76	74	38
64/ 63		.8	.1	.9	.4	.6	1.7	.9	.3	.6							56	56	65	43
62/ 61		1.2	.7	1.1	.8	.2	.6	.2	.2	.2	.1						48	48	65	52
60/ 59		.2	.1	.6	.3	.1	.3	.2	.2								19	19	90	58
58/ 57		.3		.4	.2	.6	.4	.2	.2								20	20	64	54
56/ 55		.6	.1			.1	.2	.1									10	10	96	43
54/ 53		.1	.1	.1		.1	.2	.2									8	8	95	44
52/ 51		.3				.1	.2	.1	.1								8	8	82	46
50/ 49		.2	.3		.1												6	6	56	46
48/ 47		.3				.1											4	4	27	38
46/ 45						.2	.2										4	4	12	50
44/ 43							.1										1	1	9	50
42/ 41																			7	37
40/ 39		.2	.6														7	7	2	56
38/ 37		.2															2	2	10	50
36/ 35																			4	40
34/ 33																			3	35
32/ 31																				25
30/ 29																				21
28/ 27																				12
26/ 25																				11
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC JUN 71

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-76 YEARS APR MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				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					
24/ 23																									10	
22/ 21																										2
20/ 19																										8
18/ 17																										1
16/ 15																										3
14/ 13																										1
TOTAL	.2	5.0	5.2	8.4	7.2	8.7	11.9	11.3	11.7	9.7	6.4	6.9	3.4	1.8	.9	1.2		900	900	900	900					

Element (X)	Σx ²	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2394042	42690	47.42	0.263	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	4620286	63982	71.1	8.933	900			53.1	44.1	15.2		90
Wet Bulb	3078138	52194	58.0	7.549	900			13.5	.7			20
Dew Point	2177235	42951	47.7	1.908	900		9.4	2.0				90

USAF/TAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

APR
 MONTH

PAGE 1 1800-2000
 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															
90/ 89												.2						2	2																	
88/ 87															.1			1	1																	
86/ 85										.2	.3	.1						6	6																	
84/ 83						.1			.2	.1	.2							6	6																	
82/ 81					.1	.3	.2	.2	.6	.2				.1		.1		17	17																	
80/ 79				.1	.2	.2	.6	.4	.4	.3	.2	.2	.1					26	26																	
78/ 77			.1		1.1	.6	.9	1.3	.6	.3	.7	.1	.2			.1		54	54																	
76/ 75		.1		.6	1.3	1.3	1.0	.7	.6	.1	.7	.4	.2					65	65																	
74/ 73		.1	1.1	.8	.9	1.0	.6	1.2	.6	.7	.6	.1	.2	.1				71	71	5	1															
72/ 71		.6	1.1	.7	1.1	.7	1.6	1.0	.9	.7	.6	.4	.1					84	84	11	3															
70/ 69		.2	1.1	.8	.9	1.2	.7	.8	1.1	.8	.6		.4					77	77	29	6															
68/ 67		.3	1.1	1.1	.9	.4	1.6	.9	1.0	.4	.2							72	72	56	18															
66/ 65		.8	2.0	.7	.8	.9	1.3	1.9	1.3	.2	.1							90	90	59	31															
64/ 63		1.2	.7	.8	.6	1.6	1.9	.9	.6	.2	.1							76	76	61	42															
62/ 61		1.4	.4	1.0	.7	.6	1.9	1.0	.6	.2								70	70	67	41															
60/ 59		.8	1.1	.6	.4	1.6	.4	.2	.1	.1								48	48	30	66															
58/ 57		.3	.9	.4	.8	.7	.6	.1	.1									35	35	56	44															
56/ 55		.3	.1	.6	.8	.9	.7	.2	.1									33	33	23	56															
54/ 53		.4	.1	.2		.2	.7	.1										16	16	72	51															
52/ 51		.6	.3	.1	.1	.1	.1	.1										13	13	94	50															
50/ 49		.2	.3	.1	.1	.6												12	12	72	36															
48/ 47		.4	.1		.2	.1		.1										9	9	45	39															
46/ 45				.1			.1											2	2	29	60															
44/ 43						.3												3	3	13	44															
42/ 41						.1												1	1	13	50															
40/ 39		.3	.2		.2													7	7	7	54															
38/ 37		.3	.1															4	4	4	49															
36/ 35																				6	44															
34/ 33																				7	23															
32/ 31																				1	23															
30/ 29																					24															
28/ 27																					11															
26/ 25																					10															
24/ 23																					3															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

9477 54321

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13946
 STATION

ET SILL AAF PK
 STATION NAME

7-70, 73-78
 YEARS

APR
 MONTH

PAGE 2 1800-2000
 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															
22/ 21																					5															
20/ 19																					3															
18/ 17																					6															
16/ 15																					4															
14/ 13																					3															
TOTAL		8.6	9.9	8.9	11.1	13.3	15.1	10.6	9.1	4.4	4.0	2.4	1.6	.4	.3	.2		900	900	900																

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						* 0 F	* 32 F	* 67 F	* 73 F	* 80 F	* 93 F	
Rel. Hum.	2989979	48629	54.020	0.051	900							
Dry Bulb	4100669	60253	66.9	0.624	900			48.1	24.8	4.4		90
Wet Bulb	2948135	50931	56.6	7.889	900			.1	10.1	.5		90
Dew Point	2194934	43146	47.9	1.863	900			9.2	2.8	.1		90

USAF/TAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK

7-70, 73-78 YEARS

APP MONTH

PAGE 1 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
80/ 79								.2										7	2	
78/ 77						.2	.1	.1	.1									5	5	
76/ 75					.9	.2	.4											15	15	
74/ 73		.2	.2	.7	.9	.7	.4	.2	.1	.3	.1							34	34	
72/ 71	.1	1.0	.7	1.9	.9	.8	.8	.2	.1									58	58	7
70/ 69		.6	2.7	1.0	1.9	1.3	.2	.1	.1					.1				73	73	11
68/ 67	.1	.9	2.0	1.3	.9	.7	.2	.4	.1					.1				61	61	41
66/ 65		1.1	2.0	.9	1.1	.6	1.1	.4	.1	.2								68	68	56
64/ 63		1.0	1.0	1.1	2.0	2.1	1.6	.9	.3		.1							91	91	55
62/ 61		3.1	.3	1.2	2.2	1.3	1.6	1.0										101	101	79
60/ 59	.1	1.2	2.2	.6	1.0	1.3	1.0	.9	.2									77	77	70
58/ 57		1.4	1.2	.9	1.7	2.0	.6		.1									71	71	22
56/ 55	.1	.9	.6	1.1	2.0	1.1	.2											54	54	79
54/ 53		.7	.7	1.9	1.3	.8	.1											49	49	73
52/ 51		.8	1.4	1.3	1.6	.3	.2											51	51	57
50/ 49		.4	.6	.3	.3	.1	.2											18	18	87
48/ 47		.7	.4	.7	.4	.3												23	23	34
46/ 45		.6	.2	.9	.3													18	18	52
44/ 43		.1	.4	.3		.1												9	9	32
42/ 41			.3		.2													5	5	16
40/ 39			.1	.1														2	2	17
38/ 37		.1	.3	.1	.1													6	6	12
36/ 35		.2	.2	.3														7	7	1
34/ 33		.1	.1															2	2	12
32/ 31																				2
30/ 29																				4
28/ 27																				8
26/ 25																				5
24/ 23																				8
22/ 21																				7
18/ 17																				4
16/ 15																				1
TOTAL	.4	15.1	18.2	16.7	19.8	14.0	8.3	4.6	1.7	.8	.2			.2				900	900	900
Element (X)	Σx²	Σx		̄x	s _x	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.	4111240	58812		65.3	17.268	900	≤ 0 F	≤ 30 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90							
Dry Bulb	3411479	54899		61.0	6.348	900			24.8	5.6	.2		70							
Wet Bulb	2721608	48914		54.3	6.304	900			.6	2.9			96							
Dew Point	2220893	43573		48.4	1.128	900			6.7	1.9			96							

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAA

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK

7-70, 73-78

MAY
 MONTH

PAGE 1 0000-0, 00
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
86/ 85											.1																						1	1			
84/ 83						.1			.1	.1	.1																							4	4		
82/ 81				.2	.1			.1																										4	4		
80/ 79			.3	.4			.2				.1																						10	10			
78/ 77				.3	.2	.1					.1	.1																					8	8			
76/ 75			.6	1.5	.5	.2	.1	.1	.1																								30	30	6		
74/ 73		.2	1.7	2.2	.3	.5		.1			.1																						48	48	7	4	
72/ 71		.2	3.0	3.9	1.0	.5	.2	.1	.2																								85	85	21	9	
70/ 69	.3	.8	3.5	2.4	.5	.5	.1	.1																									77	77	48	23	
68/ 67	.1	1.5	3.0	1.6	1.1	.3		.1																									72	72	74	31	
66/ 65	.4	2.9	5.6	1.9	1.1	.6	.1	.1																									119	119	91	86	
64/ 63	.1	3.0	3.7	2.2	2.0	.4	.1																										107	107	87	88	
62/ 61	.1	3.9	1.9	1.9	1.4	.2	.1																										89	89	111	79	
60/ 59		3.8	2.0	.5	.5	.6	.4																										74	74	100	107	
58/ 57		.9	2.4	1.0	.6	.6																											51	51	92	89	
56/ 55		.9	1.9	1.6	.6	.1		.1																									49	49	61	62	
54/ 53		1.3	2.0	1.4	.2		.1																										47	47	60	49	
52/ 51		.3	1.0	.5	.4	.1	.4																										26	26	44	61	
50/ 49		.1	.3	.3	.2		.1																										10	10	62	51	
48/ 47		.3	.2	.2		.1																											9	8	23	55	
46/ 45		.3	.8																														10	10	12	30	
44/ 43		.1																															1	1	16	33	
42/ 41																																				12	21
40/ 39																																				1	21
38/ 37																																				2	13
36/ 35																																					7
34/ 33																																					1
32/ 31																																					2
30/ 29																																					1
28/ 27																																					3
26/ 25																																					1
24/ 23																																					2
22/ 21																																					1
Element (X)	ΣX^2	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																																					

FORM JUN 71
 USAF/TAC
 0-26-3 (OL A)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL RAF PK 7-70, 73-78

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			
TOTAL	1.1	20.4	34.1	24.1	11.1	5.4	2.0	.9	.4	.4	.1							930	930	930	930			
Element (X)	Σx^2	Σx		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature							Total										
Rel. Hum.	5514201	70601		75.9	12.897	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total											
Dry Bulb	3864521	59571		64.1	7.241	930			33.9	10.2	1.4		93											
Wet Bulb	3328938	55240		59.4	7.173	930			15.0	1.3			93											
Dew Point	2984526	52056		56.0	8.726	930		1.0	0.7	.4			93											

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FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF DK STATION NAME

7-70, 73-78 YEARS

MAY MONTH

PAGE 1 0300-0.00 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
80/ 79			.1				.1											2	2		
78/ 77		.3	.4	.4	.1	.1												13	13		
76/ 75		.1	.4	.2	.1													8	8	4	1
74/ 73			1.1	.6	.1	.3			.1									21	21	6	7
72/ 71		.5	2.2	1.8	.2	.2												46	46	11	2
70/ 69	.4	1.7	3.7	1.5	.5	.2	.2											77	77	29	19
68/ 67	.1	2.5	3.9	1.0	1.1	.2			.1									82	82	51	34
66/ 65	.6	2.6	5.8	.6	.9	.1	.1	.1										101	101	92	61
64/ 63	.9	5.9	2.8	2.3	1.4	.2	.2											127	127	100	94
62/ 61	.5	6.3	2.2	1.1	1.2	.3												109	108	112	77
60/ 59	.1	3.1	2.7	.6	.5	.2												69	68	108	113
58/ 57		2.5	2.4	1.5	.4	.2												65	65	79	75
56/ 55		1.6	1.9	1.4	.8	.1												54	54	60	80
54/ 53		1.6	1.5	1.6	.1	.1												46	46	55	55
52/ 51	.1	1.1	2.4	.6	.2													41	41	54	46
50/ 49		.8	1.2	1.0														27	27	44	58
48/ 47		.9	.1	.5	.4	.2												20	20	54	43
46/ 45		.2	1.2	.1	.2													16	16	25	43
44/ 43		.3	.3		.1													7	7	11	36
42/ 41		.1																1	1	20	28
40/ 39																				5	21
38/ 37																				4	21
36/ 35																					4
34/ 33																					4
32/ 31																					2
28/ 27																					3
26/ 25																					3
TOTAL	2.8	32.2	36.1	17.0	8.4	2.6	.6	.1	.1	.1								930	930	930	330
Element (X)	Σx ²	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Ref Hum.	6096292	74494	80.1	11.795	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3604949	57517	61.8	7.169	930			24.9	4.4	.1		93									
Wet Bulb	3202100	54136	58.2	7.375	930			10.1	1.0			93									
Dew Point	2920883	51562	55.4	8.743	930			0.3	0.6			93									

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

67-70, 73-78

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0100
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.S. W.B.	Dry Bulb	Wet Bulb	Dew Point															
82/ 81				.1														1	1																	
80/ 79			.2	.1	.1													4	4																	
78/ 77		.3	.2	.1	.2					.1								9	9																	
76/ 75		.1	1.1	.8	.3													21	21	6	3															
74/ 73		.2	1.7	1.1	.1				.1									30	30	7	4															
72/ 71		1.2	2.5	1.6	.4	.6	.1		.1									61	61	21	10															
70/ 69	.8	1.6	3.8	.8	.8	.3												74	74	43	29															
68/ 67	.4	3.3	5.4	1.2	1.3	.3	.2	.1										114	114	73	40															
66/ 65	.4	2.5	4.6	1.0	1.1	.5		.1										95	95	77	78															
64/ 63	.5	5.7	3.7	2.2	1.6	.3	.3	.1										134	134	102	75															
62/ 61	.5	4.4	1.7	1.6	.6	.4	.2			.1								90	90	114	96															
60/ 59	.1	1.9	1.5	1.3	1.0	.4												58	58	100	103															
58/ 57		2.9	2.4	1.9	.6		.1											74	74	70	67															
56/ 55	.2	.9	1.9	.9	.9	.1												45	45	71	75															
54/ 53		1.2	1.5	.8	.5			.1										38	38	62	52															
52/ 51		.6	1.6	.5														26	26	57	42															
50/ 49	.3	.5	1.1	.6		.1	.1											26	26	33	72															
48/ 47		.4	1.4	.3	.2													13	13	40	41															
46/ 45		.3	.6	.1														10	10	20	40															
44/ 43		.5		.1	.1													7	7	12	28															
42/ 41																				14	19															
40/ 39																				6	29															
38/ 37																				2	13															
36/ 35																					3															
34/ 33																					3															
32/ 31																					1															
30/ 29																					1															
28/ 27																					3															
20/ 19																					2															
16/ 15																					1															
TOTAL	3.3	28.7	35.9	17.0	9.9	3.2	1.1	.5	.2	.1								930	930	930	930															
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	5956398	73488	79.0	12.682	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	3736374	58584	63.0	7.034	930			31.4	6.5	.2		93																								
Wet Bulb	3293799	54925	59.1	7.335	930			15.6	1.3			95																								
Dew Point	3002022	52186	56.1	8.904	930			8	6.0	.7		93																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFITAC
AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK STATION NAME 7-70,73-78 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															
92/ 91									.1										.1													1	1		
90/ 89									.1											.1												2	2		
88/ 87								.2		.1	.1								.1												5	5			
86/ 85								.2	.5	.2	.2											.1									12	12			
84/ 83				.1	.2	.6	1.0	.2	.1	.2	.1	.1																		25	25				
82/ 81			.1	.4	.8	2.4	1.1	.4	.1	.2	.2																			51	51				
80/ 79	.1			.8	1.5	2.0	.4	.8	.1	.2																				55	55	1			
78/ 77	.2	.2	1.1	2.3	1.3	.8	.2	.6	.2	.2	.1																			67	67	6			
76/ 75	.1	.8	1.7	3.2	.8	1.3	1.1	.9	.2		.1																			94	94	13	5		
74/ 73	.3	.5	2.1	2.0	1.6	.5	.6	.3	.2	.1																				98	88	46	12		
72/ 71	.8	1.5	3.1	2.2	.5	1.5	1.4	.5	.2	.2																				111	111	31	18		
70/ 69	.5	1.4	1.8	1.6	1.4	1.0	.5	.4	.1																					82	82	67	42		
68/ 67	.5	2.6	1.3	1.1	1.0	1.7	.4	.2	.1																					83	83	104	82		
66/ 65		1.0	1.9	1.5	.6	1.1	.5	.9	.2																					72	72	97	77		
64/ 63	.1	1.9	1.2	1.1	.8	1.0	.9	.2	.1	.1	.1																			68	68	101	94		
62/ 61	.6	.6	.3	.9	.6	.2		.2																						31	31	85	88		
60/ 59	.6	1.3	.1	.2	.4	.1		.1		.1																				28	28	89	79		
58/ 57	.2	.9	.1	.1	.6	.1																								19	19	62	66		
56/ 55	.1	.4	.3	.2	.2		.1																							13	13	59	48		
54/ 53	.3	.2	.3	.2	.2	.2																								12	12	41	51		
52/ 51					.1																									1	1	29	48		
50/ 49	.3			.4																										7	7	18	57		
48/ 47			.1																											1	1	14	36		
46/ 45	.1	.1																												2	2	4	31		
44/ 43																																10	18		
42/ 41																															3	21			
40/ 39																																	22		
38/ 37																																	17		
36/ 35																																	5		
34/ 33																																	2		
32/ 31																																	3		
30/ 29																																	2		
28/ 27																																	3		
24/ 23																																	1		
Element (X)	ΣX^2	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																																			

0-27-4321
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC FORM JUN 71 0-26-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/NAAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF AK 7-70, 73-78 MAY

STATION STATION NAME YEARS MONTH PAGE 2 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	
22/ 21																					1	
14/ 13																					1	
TOTAL		.5	7.8	13.4	17.6	16.1	11.6	7.4	4.2	1.6	1.2	.4	.1						930	930	930	130
Element (X)	Σx ²		Σx		\bar{x}	s_x	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	4081662		59788		64.3	16.006	930		≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	4734024		65978		70.9	7.573	93				67.6	40.0	12.1		93							
Wet Bulb	3724554		58484		62.9	7.092	930				31.8	6.6			93							
Dew Point	3155088		53444		57.5	9.500	930			1.1	13.9	1.7			93							

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 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF ETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK
 STATION STATION NAME

67-70, 73-78
 YEARS

MAY
 MONTH

PAGE 1 1200-1690
 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																
98/ 97												.1						.1														1	1			
96/ 95												.1						.1														.1	4	4		
94/ 93											.1	.4	.1				.2					.1	.1	.2								17	12			
92/ 91											.1	.3	.2	.4	.2		.2	.2	.2	.1	.1											18	18			
90/ 89											.2	.4	.9	.2	.1	.1	.1	.1	.2													21	21			
88/ 87							.1	.1		.5	2.0	.6	.1	.2	.3	.1	.1	.1	.1													41	41			
86/ 85							.4	2.3	1.7	.9	.5	.3	.3	.2																		62	62			
84/ 83						.2	.9	2.3	1.7	.8	.5	.3	.3	.1																		66	66			
82/ 81				.1	.3	2.2	1.5	1.7	.8	.5	.4	.2	.2	.1																	75	75				
80/ 79	.1	.1	.6	.9	1.9	2.2	1.1	.6	1.6	.8	.2	.2	.1																		94	94	5			
78/ 77		.1	.4	.4	1.5	2.0	1.2	.8	1.1	.6	.5	.2	.2																		85	85	12	1		
76/ 75		.1	.4	1.0	2.7	1.2	1.3	1.0	1.2	.8	.9		.2																		99	99	33	4		
74/ 73			.1	.8	1.0	1.4	.8	1.4	.5	.4	.3	.2																			64	64	00	13		
72/ 71			.8	1.1	.8	.9	.5	1.6	.5	.4																					61	61	99	22		
70/ 69			1.6	1.2	1.1	.4	.9	.9	.3	.1																					60	60	85	49		
68/ 67		.3	1.4	.4	.4	.3	.8	.8	1.1	.5																					56	56	101	80		
66/ 65		.2	.9	.3	.2	.2	.8		.2	.2																					28	28	102	88		
64/ 63		.4	.2	1.0		.3	.1		.2	.1																					22	22	74	101		
62/ 61		.5	.3	.5	.1	.3	.1	.1	.3																						22	22	84	80		
60/ 59		.3	.8	.1	.2	.4	.1	.1																							19	19	64	65		
58/ 57		.2	.3		.1																										6	6	62	55		
56/ 55		.1	.2	.1																											4	4	43	42		
54/ 53		.3																													3	3	39	52		
52/ 51		.1																													1	1	22	45		
50/ 49			.1	.1																											2	2	10	46		
48/ 47			.1	.1																											2	2	5	47		
46/ 45			.2																												2	2	6	26		
44/ 43																																	2	2	21	
42/ 41																																	2		32	
40/ 39																																			16	
38/ 37																																			12	
36/ 35																																			0	
34/ 33																																			6	
32/ 31																																			6	
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature										Total																		
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																							
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

9477 24321
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

1 AY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1:00
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
100/ 99												.1	.2	.1	.1						5	5				
98/ 97													.1								.1	.3	5	5		
96/ 95										.1	.3										.2	.2	8	8		
94/ 93										.9	.3	.3	.6		.2	.6	.1						30	30		
92/ 91								.1	.1	.5	.3	.4	.4	.2	.2								21	21		
90/ 89							.1	.9	1.1	.9	.5	.3											37	37		
88/ 87							.3	2.0	1.0	1.6	.1	.2	.2	.4	.4	.1							66	66		
86/ 85							.3	.8	1.4	1.9	1.0	1.0	.2	.5	.2	.1							69	69		
84/ 83						.8	1.2	1.5	1.1	.3	.5	.2	.2										54	54		
82/ 81			.2	.4	1.0	1.7	1.8	.8	.6	.6	.4	.1	.1			.1							74	74		
80/ 79			.2	.9	1.8	2.5	1.6	1.3	1.2	1.3	.5	.4		.2	.1							106	106	?		
78/ 77		.2	.1	.8	1.5	.9	.6	1.2	1.1	.9	.6	.1										75	75	12		
76/ 75			.2	1.1	.8	2.0	1.1	.8	1.2	.2	.5	.4	.1									78	78	39		
74/ 73			.3	1.5	1.6	.9	.5	.9	1.5	.3	.2											72	72	62	7	
72/ 71		.1	.6	1.4	1.5	1.1	.4	.5	.3	.3	.1											67	60	103	17	
70/ 69			1.1	.6	.5	.3	1.2	1.0	.8													51	51	94	51	
68/ 67		.2	.1	.5	.2	.5	.2	.4	.3	.2	.1											27	27	115	56	
66/ 65			.6	.4	.5	.5	.2	.1	.3													26	26	105	20	
64/ 63		.5	.4	.5		.2	.1	.2	.2													21	21	69	91	
62/ 61	.1	.2	.3	.1	.2	.1	.1															11	11	79	103	
60/ 59		.4	.4	.1	.2	.1																12	12	62	81	
58/ 57		.4	.3	.1	.1																	9	9	62	43	
56/ 55																									45	54
54/ 53		.3	.3																			6	6	30	36	
52/ 51																									23	54
50/ 49			.1																			1	1	14	38	
48/ 47		.2																				2	2	3	39	
46/ 45			.3																			3	3	6	38	
44/ 43																										32
42/ 41																									3	32
40/ 39																										19
38/ 37																										19
36/ 35																										10
34/ 33																										2
Element (X)	Σ X ²		Σ X		X		X ²		No. Obs.		Mean No. of Hours with Temperature						Total									
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

9477-34321
 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC JUN 77

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-70, 73-78 MAY
 STATION STATION NAME YEARS MONTH
 PAGE 2 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		
32/ 31																					6		
30/ 29																					3		
28/ 27																					2		
26/ 25																					3		
24/ 23																					3		
TOTAL	.1	2.5	5.5	6.5	7.3	10.4	11.2	13.3	15.2	1.8	7.1	4.5	2.3	1.5	1.5	.8	.5		929		929		
																		929		929			

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					T_c	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2615951	46717	50.3	10.952	929							
Dry Bulb	5753505	72633	78.2	6.976	929			83.9	70.1	42.4	4.8	93
Wet Bulb	3947392	60212	64.8	6.950	929			42.0	11.0			93
Dew Point	3072912	52630	56.7	9.919	929		1.7	13.1	.7			93

USAF/TAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-7, 73-78

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000
 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																	
98/ 97													.1																					1	1			
96/ 95													.1																					2	2			
94/ 93									.1	.1		.2																						4	4			
92/ 91									.2	.1	.3		.1	.1	.2	.1																		11	11			
90/ 89							.1	.2	.2	.2	.1			.1																				9	9			
88/ 87						.1	.3	.5	.8	.4	.3	.1	.1	.1																				26	26			
86/ 85					.1	.5	.6	1.0	1.2	.4	.3	.2	.1	.2	.2																			45	45			
84/ 83				.1	.6	1.0	1.1	.5	.2	.5			.1	.1	.2	.2																		45	45			
82/ 81			.1	.9	1.6	1.9	1.0	.9	.2	.4	.2	.3																						69	69			
80/ 79			.2	1.3	2.2	1.8	.9	.4	.9	.1	.2	.1																						76	76			
78/ 77			.2	1.2	2.3	1.9	1.4	.9	.4	.4	.5	.2																						86	86	6		
76/ 75			.2	1.3	2.5	1.5	1.2	1.2	1.3	.8	.1	.2																						96	96	13		
74/ 73		.3	.4	1.8	1.0	1.5	1.2	1.1	.5	.3	.4																							80	80	40	5	
72/ 71		.2	1.3	1.4	1.2	1.1	.9	1.2	.2	.5																								75	75	24	12	
70/ 69		.1	1.5	1.6	1.3	.8	.9	1.3	1.1	.2																								81	81	107	49	
68/ 67		.3	1.2	.6	.8	.9	.5	1.3	.1	.1																								54	54	155	53	
66/ 65		.3	1.1	.9	.2	.9	1.1	.4	.1																									47	47	87	101	
64/ 63	.1	1.2	.9	.6	.2	1.1	.6	.1		.1																								46	46	96	102	
62/ 61		.5	.9	.3	.1	.4	.4	.1	.1																									27	27	77	82	
60/ 59		.8	.2	.1	.2	.3	.2																											18	18	77	81	
58/ 57		.3	.3	.1	.3	.1		.1																										12	12	63	63	
56/ 55		.4	.1	.2																														7	7	51	25	
54/ 53		.3		.1																														4	4	52	37	
52/ 51			.3																															3	3	21	21	
50/ 49																																					17	41
48/ 47			.3																															3	3	5	34	
46/ 45			.2																															2	2	5	40	
44/ 43			.1																															1	1	4	44	
42/ 41																																					4	31
40/ 39																																						15
38/ 37																																					18	
36/ 35																																					4	
34/ 33																																					3	
32/ 31																																					1	
Element (X)	ΣX^2		ΣX		\bar{X}		s_x		No. Obs.		Mean No. of Hours with Temperature																											
Ref. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																					
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK STATION NAME 7-79, 73-78 YEARS MAY MONTH
PAGE 2 1800-2000 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																			
28/27																																								2
24/23																																								1
20/19																																							3	
18/17																																							2	
TOTAL	.1	4.4	9.4	10.4	12.5	15.5	14.8	12.5	7.8	5.2	3.2	1.6	1.1	.6	.8	.1																						9.30	9.30	9.30

Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3317332	53250	57.3	16.974	93	≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5172360	68918	74.1	8.375	93			75.0	55.0	25.2	.7	9.2
Wet Bulb	3804136	59132	63.6	6.910	93			37.1	6.5			9.3
Dew Point	3085360	52824	56.8	4.563	93		.9	11.9	.5			9.3

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 FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FI SILL AAF PK STATION STATION NAME

7-70, 73-78 YEARS

MAY MONTH

PAGE 1 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															
90/ 89																																	2	2		
88/ 87														.1		.1																3	3			
86/ 85										.2																						3	3			
84/ 83							.8		.1			.2												.1								11	11			
82/ 81					.2		.2		.5		.2		.1		.1																	13	13			
80/ 79					.3		1.0		.5		.3		.1		.1										.2							24	24			
78/ 77				.2	1.2		2.3		.5		.2		.3		.1																	45	45			
76/ 75				.6	2.0		3.3		.8		.6		.2		.2																	75	75	11		
74/ 73		.2	1.2		3.5		1.7		.8		.6		.4												.1							79	79	17	6	
72/ 71		.3	1.4		3.6		1.8		1.6		.4		.3		.2																	90	90	47	12	
70/ 69	.1	.9	3.0		2.5		1.7		.9		.6		.1		.1																	93	93	76	36	
68/ 67	.1	.6	2.6		1.7		2.0		1.1		1.0		.2		.1																	88	99	100	49	
66/ 65		1.1	3.7		1.8		1.0		1.9		.3		.3																			94	94	92	93	
64/ 63		1.8	2.3		1.0		1.9		1.5		.5		.1																			85	85	91	80	
62/ 61	.2	1.6	1.3		.6		1.4		.5		.2																					55	55	104	89	
60/ 59		1.9	1.1		1.0		.8		1.0																							53	53	39	92	
58/ 57		1.2	1.2		1.3		.5		.2		.2		.1		.1																	45	45	73	75	
56/ 55		.3	1.1		.8		.6		.2		.1																					29	29	65	70	
54/ 53		.6	.5		.5		.3				.2																					21	21	57	53	
52/ 51		.1	.4		.3		.1																									9	9	20	53	
50/ 49			.2		.2																											4	4	24	45	
48/ 47			.3																													3	3	15	46	
46/ 45			.3																													3	3	10	41	
44/ 43																																		6	26	
42/ 41																																		4	22	
40/ 39																																	2	21		
38/ 37																																			8	
36/ 35																																			3	
32/ 31																																			1	
30/ 29																																			3	
22/ 21																																			2	
20/ 19																																			1	
TOTAL	.4	10.8	21.5	22.5	21.6	12.4	5.5	2.9	1.2	.5	.4	.1	.1																			927	928	927	27	
Element (X)	Σx²		Σx		X̄		sₓ		No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.	4674178		64538		69.61		3.942		927		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																			
Dry Bulb	4305691		62831		67.7		7.466		927				52.8	25.6	4.0		93																			
Wet Bulb	3530037		56841		61.3		6.948		927				24.6	2.8			93																			
Dew Point	3070795		52747		56.9		8.660		927				.7	10.3	.6		93																			

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF DK 7-70, 73-78 MAY
 STATION STATION NAME YEARS MONTH
 PAGE 1 /LL
 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
100/ 99												.0	.0	.0	.0		5	5		
98/ 97												.0	.0			.0	7	7		
96/ 95									.0	.0	.0				.0	.0	14	14		
94/ 93								.0	.2	.1	.0	.1			.0	.1	46	46		
92/ 91							.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	51	51		
90/ 89							.1	.2	.3	.2	.1	.1	.0	.1		.0	71	71		
88/ 87					.0	.1	.1	.6	.4	.3	.1	.1	.1	.1	.1	.0	141	141		
86/ 85						.2	.5	.6	.5	.3	.2	.1	.1	.1	.0		192	192		
84/ 83				.0	.2	.4	.8	.6	.3	.2	.2	.1	.1				205	205		
82/ 81			.0	.2	.3	1.0	.8	.6	.3	.2	.2	.1	.1	.0		.0	287	287		
80/ 79		.0	.1	.3	.7	1.1	.9	.5	.3	.5	.3	.1	.1		.0	.0	371	371		
78/ 77		.1	.2	.6	1.2	.9	.6	.3	.4	.3	.3	.2	.0				388	388	37	1
76/ 75		.1	.6	1.2	1.7	.8	.7	.5	.6	.3	.2	.1	.0		.0		501	501	125	13
74/ 73		.2	.9	1.8	1.0	.9	.5	.6	.4	.2	.1	.0					482	482	271	58
72/ 71		.4	1.7	2.2	1.1	.8	.5	.6	.3	.2	.0						589	589	477	102
70/ 69	.2	.7	2.4	1.5	1.0	.6	.5	.5	.4	.2							595	595	543	98
68/ 67	.1	1.2	2.5	1.0	1.0	.5	.6	.4	.2	.1	.0	.0					576	577	723	425
66/ 65	.2	1.3	3.0	1.1	.6	.7	.4	.3	.1	.1	.0						582	582	743	674
64/ 63	.2	2.6	1.9	1.3	1.0	.6	.4	.1	.1	.1	.0						610	610	720	725
62/ 61	.2	2.3	1.2	.8	.7	.4	.1	.1	.1	.0							433	433	766	694
60/ 59	.0	1.6	1.3	.5	.5	.4	.1	.0	.0	.0	.0						330	330	689	724
58/ 57		1.1	1.3	.8	.4	.2	.1	.0	.0								281	281	563	533
56/ 55	.0	.5	.9	.6	.4	.1	.0	.0									201	201	461	486
54/ 53		.8	.8	.6	.2	.0	.0	.0									177	177	396	383
52/ 51	.0	.3	.7	.3	.1	.0	.1										107	107	300	400
50/ 49	.1	.2	.4	.3	.0	.0	.0										77	77	222	410
48/ 47		.2	.2	.1	.1	.0											52	52	159	341
46/ 45		.1	.5	.0	.0												48	48	88	89
44/ 43		.1	.1	.0	.0												16	16	61	238
42/ 41		.0															1	1	62	206
40/ 39																			14	164
38/ 37																			2	121
36/ 35																				42
34/ 33																				23
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 3? F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-70, 73-78 STATION NAME YEARS

JULY MONTH

PAGE 2

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
32/ 31																					22
30/ 29																					17
28/ 27																					17
26/ 25																					7
24/ 23																					7
22/ 21																					4
20/ 19																					6
18/ 17																					2
16/ 15																					1
14/ 13																					1
TOTAL	1.0	13.7	20.5	15.4	12.3	9.8	7.8	6.7	5.0	3.1	2.0	1.1	.6	.3	.3	.1	.1	7436	7437	7436	7436

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	35273971	493597	66.4	14.371	7436	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	36655487	517011	69.5	9.796	7437			452.4	276.2	120.0	7.2	744
Wet Bulb	28771425	459149	61.7	7.520	7436			218.5	44.1	.3		744
Dew Point	24465237	420933	56.6	9.258	7436		8.4	89.7	7.2			744

9417 5-6321
 USAF/TAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF PK STATION NAME

67-70, 73-78 YEARS

JUN MONTH

PAGE 1 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
88/ 87							.1										1	1		
86/ 85							.2	.1	.1								5	5		
84/ 83					.4	.6	.6	1.0	.3								26	26		
82/ 81				.7	.8	2.3	2.1	.6	.1	.2							61	61		
80/ 79			.2	1.4	2.2	4.8	1.3	.3	.2								95	95		
78/ 77			1.2	2.0	3.8	2.8	.2	.1	.1								92	92	1	
76/ 75		.2	1.8	4.7	3.7	.6	.9	.2									108	108	22 2	
74/ 73		.1	2.6	4.7	1.2	1.8	.8	.2		.1							103	103	39 18	
72/ 71		.8	5.6	3.1	1.7	.8	.4			.1							112	112	129 24	
70/ 69	.3	1.1	3.2	2.7	.8	.3	.3	.2		.1							87	82	208 68	
68/ 67		.8	3.8	1.0	1.2	.4	.1										66	66	126 140	
66/ 65		1.1	3.9	1.2	.8	.4											67	67	85 193	
64/ 63		1.1	1.0	1.0	.9												36	36	108 107	
62/ 61		.2	.9	1.0													19	19	65 93	
60/ 59		.2	.7	.3	.2												13	13	40 75	
58/ 57		.4	.3	.1													8	8	35 49	
56/ 55		.4	.1														5	5	28 33	
54/ 53		.1															1	1	10 42	
52/ 51																			4 33	
50/ 49																			14	
48/ 47																			2	
46/ 45																			2	
44/ 43																			3	
40/ 39																			1	
38/ 37																			1	
TOTAL	.3	6.7	25.2	23.9	17.7	14.9	7.1	2.4	1.0	.8								900	960	500
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	4742953	64465	71.0	1.814	900	$\leq 0^\circ F$	$\leq 3^\circ F$	$\leq 6^\circ F$	$\leq 7^\circ F$	$\leq 8^\circ F$	$\leq 9^\circ F$	Total								
Dry Bulb	4825101	65667	73.0	0.133	900			75.1	42.1	13.9		90								
Wet Bulb	4007166	59888	66.5	4.956	900			52.2	6.2			90								
Dew Point	3593172	56632	62.9	5.741	900			24.2	2.0			90								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC JAN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK 7-70, 73-78 JUN
 STATION STATION NAME YEARS 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	W.B.	Dry Bulb	Wet Bulb	Dew Point				
84/ 83							.2	.2										4	4						
82/ 81				.8	.4	.1	.6	.1										16	16						
80/ 79			.2	.4	.8	1.0	.7	.1	.1									30	30						
78/ 77		.4	1.2	1.7	4.2	1.8	.1	.2										87	87						
76/ 75		.9	1.4	2.8	4.6	.4	.3											98	98	15	2				
74/ 73		.8	5.6	6.0	.9	.3	.1											123	123	28	24				
72/ 71		2.0	6.0	2.2	1.1	.4	.1	.1										108	108	84	15				
70/ 69	.3	3.0	5.7	1.8	.8	.3	.3											110	110	144	68				
68/ 67		2.2	4.6	1.3	.6	.2		.1	.1									82	82	188	134				
66/ 65		1.8	5.6	1.3	.4			.1										83	83	162	154				
64/ 63		2.8	2.3	1.2	.7			.1										64	64	76	121				
62/ 61		1.0	1.9	1.4	.2													41	41	59	101				
60/ 59		1.3	.9	.8	.1													28	28	44	77				
58/ 57		.4	1.1	.1														15	15	50	55				
56/ 55		.6	.2															7	7	34	40				
54/ 53		.3																3	3	18	39				
52/ 51		.1																1	1	5	28				
50/ 49																				3	24				
48/ 47																					2				
46/ 45																					3				
38/ 37																					1				
36/ 35																					2				
TOTAL	.3	17.7	36.7	21.9	14.6	4.7	2.3	1.1	.8									900	900	900	100				

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5499788	69674	77.4	10.855	900							
Dry Bulb	4472851	63229	70.3	5.847	900			65.8	35.8	3.5		90
Wet Bulb	3874894	58890	65.4	5.115	900			42.9	4.3			90
Dew Point	3562573	56381	62.6	5.830	900			24.3	2.6			90

9477 54321

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK STATION STATION NAME

67-73-73-78 YEARS

JUN MONTH

PAGE 1 0600-0600 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																
88/ 87							.1																											1	1			
86/ 85							.1	.1	.2																									5	5			
84/ 83				.2	.2	.1	.6	.1																										11	11			
82/ 81				1.3	.7	1.3	.4	.2	.1	.1																								38	38			
80/ 79			.6	1.2	1.0	1.7	.6	.1	.1																									52	52			
78/ 77		.4	1.4	3.2	3.8	.9	.3	.3																										94	94	3		
76/ 75	.1	.6	3.1	3.8	3.4	.9	.2	.7																										115	115	31	5	
74/ 73		.9	4.3	4.7	1.4	.4	1.0	.2																										117	117	54	33	
72/ 71		1.0	5.1	3.3	.9	.6	.2	.2																										107	107	123	31	
70/ 69	.1	2.6	5.2	1.2	.8	.6	.1	.1																										95	95	137	101	
68/ 67		1.7	4.6	.9	1.0	.1		.1																										75	75	147	133	
66/ 65		1.6	4.9	1.2	.7	.2																												77	77	110	142	
64/ 63		1.4	1.9	1.7	.4			.1	.1																									51	51	70	112	
62/ 61		.4	1.1	1.4	.2	.1			.1																									31	31	74	101	
60/ 59		.4	.3	.6	.1																													13	13	50	64	
58/ 57		.7	.7	.1		.1																												14	14	37	46	
56/ 55		.2	.1																															3	3	25	40	
54/ 53		.1																																1	1	12	47	
52/ 51																																				3	22	
50/ 49																																				2	11	
48/ 47																																				1	4	
46/ 45																																				1	1	
42/ 41																																					2	
40/ 39																																					2	
38/ 37																																					1	
30/ 29																																					1	
26/ 25																																					1	
TOTAL	.2	12.6	33.3	24.9	15.2	7.1	3.4	2.3	.7	.2																									900	900	900	

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK STATION STATION NAME

7-70, 73-78 YEARS

10 MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

0477 5421

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99														.1				1	1		
96/ 95														.1				4	4		
94/ 93									.1	.1	.7	.1	.2	.1				13	13		
92/ 91								.1	.1	1.2	.6	.4	.2	.3				27	27		
90/ 89						.6	.3	1.9	1.3	.7	.2	.2	.1					49	49		
88/ 87					.1	1.0	2.1	2.7	1.6	.3	.4	.1						75	75		
86/ 85				.1	.7	1.9	3.3	2.1	.6	.2	.2							82	82		
84/ 83				.4	1.9	3.8	2.9	1.1	.2	.8	.1							101	101		
82/ 81				.6	3.0	2.6	2.0	.7	.8	.4	.3			.1				94	94		
80/ 79			.3	1.7	3.1	2.3	1.6	1.1	.4	.6			.1					101	101	12	
78/ 77			.4	1.9	2.0	1.1	.9	.7	1.3	.2								87	82	29	1
76/ 75			.4	2.9	2.4	1.0	.8	.7	.2			.1						77	77	111	18
74/ 73	.1	.3	2.7	1.0	.8	.2	.6	.3	.1									55	55	170	26
72/ 71	.3	1.2	1.6	.8	.2	.2	.3	.1										43	43	143	76
70/ 69	.2	1.3	.7	.4	.3	.3												30	30	108	153
68/ 67	.1	1.9	.3	.3	.4	.2	.1											31	31	98	143
66/ 65	.3	.9	.2	.2	.3		.1											19	19	78	115
64/ 63		.1	.7	.2														9	9	60	90
62/ 61		.1	.1			.1												3	3	38	64
60/ 59	.1	.1																2	2	19	58
58/ 57	.2																	2	2	24	33
56/ 55																				7	40
54/ 53																				2	23
52/ 51																				1	27
50/ 49																					14
48/ 47																					8
46/ 45																					4
44/ 43																					1
42/ 41																					2
40/ 39																					4
TOTAL		1.4	7.2	13.8	16.8	16.3	15.1	12.2	8.2	4.7	2.0	1.1	.8	.3				900	900	900	900
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	3468089	54545	60.6	13.439	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	900									
Dry Bulb	5794965	71941	79.9	7.028	900			86.5	76.1	49.8	1.8	900									
Wet Bulb	4396758	62732	69.7	5.188	900			67.1	32.6	.3		900									
Dew Point	3775967	57909	64.4	6.529	900			41.7	4.5			900									

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1945 FT SILLI AAF OK

7-70, 73-78

JUN

PAGE 1 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																
102/101															.1	.2	.1	.4	4	4																	
100/99												.1	.2	.6	.3	.1	.2	14	14																		
98/97								.1	.1	.3	.6	.4	.3	.2	.2			21	21																		
96/95								.6	.8	1.3	1.7	.7	.2	.3				50	50																		
94/93							.8	.4	3.4	2.7	.6	.2	.8	.4				84	84																		
92/91						.7	1.0	3.7	2.9	1.0	.2	.6	.3	.1				94	94																		
90/89					.1	1.7	2.3	3.1	2.4	.1	.6	.3	.2					98	98																		
88/87				.1	.4	2.3	2.7	2.0	.9	.3	.8	.2	.1					89	89																		
86/85				.1	1.1	2.4	2.4	.9	.4	.6	.6	.1						78	78																		
84/83				.9	1.8	1.6	1.2	.8	1.1	.8	.6	.3						81	81																		
82/81				.7	1.2	1.3	1.6	.8	.6	.6	.2	.1						63	63	4																	
80/79			.2	1.3	2.0	.8	1.0	.3	.2		.1							54	54	26																	
78/77			.3	1.7	1.2	.3	.2	.2	.4									40	40	62	2																
76/75			.3	.6	1.6	1.0	.4	.2	.7	.1								44	44	158	21																
74/73			.3	.9	.6	.3	.2	.4	.1	.1								27	27	171	28																
72/71			.8	.4	.3	.1	.4	.1	.1									21	21	126	66																
70/69			.6	.6	.2	.4			.1									17	17	74	125																
68/67			.2	.2	.2													6	6	85	135																
66/65			.2	.3														5	5	64	144																
64/63			.1	.2														3	3	47	93																
62/61		.3	.1		.1													5	5	23	66																
60/59		.1	.1															2	2	33	39																
58/57																				2	34																
56/55																				4	47																
54/53																				1	33																
52/51																					27																
50/49																					17																
48/47																					12																
46/45																					4																
44/43																					2																
42/41																					5																
TOTAL		.4	2.8	3.8	7.8	9.8	12.2	14.0	13.9	11.6	7.7	5.9	3.2	2.7	1.7	.3	.3	900	900		00																
																		900		900																	
Element (X)	Zx'	Zx	X	X	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	2450920	45370	50.4	13.407	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	6632088	76948	85.5	7.765	900			88.5	84.1	70.8	17.3	70																									
Wet Bulb	4560649	63905	71.0	5.062	900			72.6	42.1	1.5		70																									
Dew Point	3733449	57651	64.1	6.713	900			37.7	5.1			96																									

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK STATION NAME

67-70, 73-76 YEARS

JUN MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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														
104/103														.1	.1	.7	.3	.1	1	1															
102/101																		.7	17	17															
100/99												.1	.2	.4	1.0	.0	.5	.5	24	24															
98/97												.9	1.3	1.0	.1				43	43															
96/95								.2	1.4	1.9	1.6	1.1	1.0	.0	.2				74	74															
94/93							1.0	.8	1.6	3.3	1.2	1.0	1.2	.7					98	98															
92/91						1.1	1.1	3.3	2.2	2.2	1.0	1.1	.2						111	111															
90/89						.1	1.0	1.3	2.2	2.2	.7	.3	.1	.7					78	78															
88/87						.8	1.2	1.9	1.9	.3	.4	.2	.3						62	62															
86/85						.6	1.7	2.3	.9	1.0	.8	.3	.6						73	73															
84/83					.3	1.1	1.2	1.4	1.6	1.1	.9	.6	.3						77	77															
82/81			.1	.6	.8	1.8	.4	.4	.6										42	42	.6														
80/79			.2	.7	2.0	.8	.3	.4	.9										48	48	25														
78/77		.2	.8	1.1	1.0	1.0		.2	.3	.1									43	43	65	1													
76/75			.6	.7	.6	.2	1.2	.1											30	30	112	20													
74/73			1.1	.1	.3	.2	.2		.3										21	21	162	20													
72/71		.2	.8	.2	.2														13	13	153	50													
70/69	.2	.2	.2	.1	.1														8	8	119	118													
68/67	.1	.2	.2	.2	.2														9	9	90	109													
66/65				.2															2	2	51	136													
64/63		.6																	5	5	35	98													
62/61	.1																		1	1	37	90													
60/59																					18	55													
58/57																					3	47													
56/55																					3	51													
54/53																						26													
52/51																						26													
50/49																						24													
48/47																						16													
46/45																						8													
44/43																						3													
TOTAL	.4	1.4	4.0	4.2	7.0	9.8	12.7	11.9	11.2	12.2	6.7	6.1	5.1	3.0	1.1	1.1			900	900		600													
Element (X)	Σx'		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	2120935		41893		46.5		13.788		900		= 0 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total												
Dry Bulb	6924371		78633		87.4		7.765		900						89.2		86.2		75.0		25.7		90												
Wet Bulb	4564261		63942		71.1		4.764		900						75.3		79.1		1.9				90												
Dew Point	3643528		56952		63.3		6.637		900						31.8		4.1						90												

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

JUN

STATION STATION NAME

YEARS

MONTH

PAGE 1 1800-2000
 HOURS (L. S. T.)

9477 94321

FORM 0-26-3 (CI A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.
 USAFETAC JUN 71

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
102/101																	.1	1	1	
100/ 99															.2	.2	.3	7	7	
98/ 97										.1	.1	.1	.4	.2	.1	.1	11	11		
96/ 95								.1	.2	.6	1.0	.6		.3		.1	26	26		
94/ 93							.3	.4	.9	1.6	2.2	.9	.4	.6	.3	.1	49	49		
92/ 91							.3	.4	.9	1.6	2.2	.9	.4	.6			67	67		
90/ 89						.2	1.0	1.2	2.4	2.8	.6	.8	.6	.1			88	88		
88/ 87						.4	1.2	2.9	3.4	1.2	.6	.1	.1	.2	.1		93	93		
86/ 85				.1	.1	1.0	2.3	3.0	2.1	.6	.7	.1	.1	.1			91	91		
84/ 83				.1	.7	1.1	3.1	1.6	1.3	1.0	.4	.3	.2				89	89		
82/ 81				.4	1.8	1.9	1.4	1.6	1.4	.6	.6	.2					85	85		
80/ 79			.2	1.3	2.3	1.8	.9	.3	.6	.6	.1						75	75	0	
78/ 77			.2	1.3	1.8	1.3	1.6	.4	.6	.1	.1						67	67	35	
76/ 75			.3	1.2	1.6	1.3	.8	.4	.4	.2							57	57	73	
74/ 73			.6	.7	.4	.3	.1	.4	.1	.1							25	25	108	
72/ 71		.2	.7	.6	.6	.6	.2	.1	.1								27	27	108	
70/ 69			.2	.3	.1	.2	.2	.1									11	11	124	
68/ 67			1.1	.1	.2												13	13	111	
66/ 65		.1	.2		.3												6	6	71	
64/ 63			.3	.2		.1											6	6	39	
62/ 61		.1	.2	.1	.1												5	5	37	
60/ 59			.1														1	1	29	
58/ 57																			10	
56/ 55																			4	
54/ 53																			2	
52/ 51																				
50/ 49																			25	
48/ 47																			12	
46/ 45																			7	
44/ 43																			7	
42/ 41																			1	
40/ 39																			1	
38/ 37																			1	
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF AK 7-70, 73-78 JUN MONTH
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						
TOTAL		.4	4.0	5.1	9.0	10.9	14.1	13.4	13.8	1.6	7.4	5.2	2.7	1.9	1.2	.6	.7	900	900	900	900					
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																				
Rel. Hum.	2591113	46541	51.7	14.321	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb	6341467	75255	83.6	7.375	900			88.2	83.1	64.7	9.4	90														
Wet Bulb	4410369	62861	69.8	4.604	900			70.8	78.5	.3		90														
Dew Point	3602752	56636	62.9	6.562	900	.2	29.3	2.8				90														

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USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

1000

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2000

HOURLY (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 B "	Wet Bulb	Dew Point
94/ 93														.1				1			
92/ 91									.1	.1								2			
90/ 89							.1	.1	.1	.2	.1	.3						9			
88/ 87						.2	.6	.9	1.2	.2	.1	.1	.1				.1	32	32		
86/ 85					.3	.8	1.4	2.0	1.6	.1								56	56		
84/ 83			.1	.6	1.4	3.8	2.7	.9	.6	.3						.1		94	94		
82/ 81				1.0	2.3	3.1	3.7	1.0	.6	.4								109	109		
80/ 79		.2	1.3	3.7	3.8	1.6	1.2	.2				.1						109	109		
78/ 77		.2	1.9	2.3	1.4	1.4	.7	.2		.1								75	75	11	
76/ 75			1.6	3.0	2.2	2.1	1.1	.7	.2									98	98	33	4
74/ 73			1.6	4.0	1.8	1.6	.4	.4	.2									90	90	22	19
72/ 71		.4	2.2	2.3	2.2	.9	.8	.4										84	84	129	43
70/ 69	.1	.1	2.6	1.1	1.0	.9	.2											54	54	151	23
68/ 67			1.6	1.1	.3	.8	.3											37	37	107	144
66/ 65		.2	1.1	.3	.3	.4												22	22	119	156
64/ 63			.4	.1	.4	.1												10	10	75	113
62/ 61			.3	.2	.1													6	6	34	93
60/ 59			.6															5	5	33	71
58/ 57		.4	.1	.1														6	6	24	52
56/ 55			.1															1	1	19	32
54/ 53																				1	37
52/ 51																				2	24
50/ 49																					16
48/ 47																					9
44/ 43																					1
36/ 35																					1
32/ 31																					1
28/ 27																					1
TOTAL	.1	1.2	12.6	16.7	17.7	17.6	15.4	10.1	5.2	1.7	.8	.4	.2	.1		.1	.1	900	900	900	900

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3804687	57343	63.7	12.965	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5377907	69329	77.0	11.445	900			85.6	67.5	36.6	.1	
Wet Bulb	4191102	61266	68.1	4.778	900			59.3	13.6			90
Dew Point	3631154	56914	63.2	5.970	900		.2	29.3	2.3			90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF MK STATION NAME 7-70, 73-78 YEARS MONTH: 10

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
104/103																		.0	1	1		
102/101														.0	.0	.1	.0	.1	22	22		
100/ 99													.0	.1	.2	.2	.1	.1	46	46		
98/ 97										.0	.0	.2	.2	.2	.2	.1	.0	.0	75	75		
96/ 95									.1	.3	.5	.6	.3	.2	.2	.0	.0	.0	154	154		
94/ 93								.3	.2	.8	.9	.4	.2	.3	.2	.0	.0	.0	245	245		
92/ 91							.3	.3	1.1	.9	.8	.3	.3	.1	.0			.0	301	301		
90/ 89						.1	.5	.9	1.2	1.0	.2	.3	.1	.1				.0	322	322		
88/ 87				.0	.3	.9	1.6	1.3	.6	.2	.2	.1	.1	.0				.0	373	373		
86/ 85			.0	.2	.7	1.4	1.5	.8	.3	.3	.1	.1	.0					.0	390	390		
84/ 83			.1	.6	1.2	1.7	1.2	.6	.6	.3	.2	.1					.0	483	483			
82/ 81			.6	1.3	1.7	1.7	.8	.5	.4	.2	.1	.0						508	508	12		
80/ 79		.2	.9	1.8	2.5	1.1	.6	.2	.3	.2	.0	.0						564	564	73		
78/ 77	.1	.6	1.6	2.7	1.4	.7	.3	.4	.1	.0								580	580	256	4	
76/ 75	.0	.2	1.1	2.4	2.5	1.0	.6	.6	.2	.0	.0							627	627	555	80	
74/ 73		.2	1.9	3.1	.9	.7	.4	.3	.1	.1								561	561	554	188	
72/ 71		.7	2.7	1.8	1.0	.5	.3	.2	.1	.0								515	515	1145	549	
70/ 69	.1	.9	2.4	1.1	.5	.4	.2	.0	.0	.0								407	407	1085	207	
68/ 67		.6	2.2	.7	.5	.3	.1	.0	.0									319	319	952	1008	
66/ 65		.6	2.1	.6	.4	.2		.0	.0									281	281	620	1199	
64/ 63		.7	.8	.6	.3	.0		.0	.0	.0								184	184	550	334	
62/ 61		.3	.6	.5	.1	.0	.0	.0										111	111	377	704	
60/ 59		.3	.3	.2	.1													64	64	266	513	
58/ 57		.3	.3	.1		.0												45	45	185	564	
56/ 55		.2	.1															16	16	124	522	
54/ 53		.1																5	5	46	77	
52/ 51		.0																1	1	15	206	
50/ 49																				5	145	
48/ 47																				1	65	
46/ 45																				1	29	
44/ 43																					17	
42/ 41																					10	
40/ 39																					7	
38/ 37																					3	
Element (X)	Σx^2	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																						

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC JUN 71

3 GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-70, 73-78 JUL
 STATION STATION NAME YL RS 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
90/ 89								.1	.3	.2	.2							8	8		
88/ 87							.2	.4	1.4	.2	.2							25	25		
86/ 85						.2	1.0	1.6	1.8	1.0	.1							53	53		
84/ 83					.2	1.5	4.1	3.0	1.9	.3					.1			104	104		
82/ 81				.1	1.7	2.8	4.7	2.2	1.2	.1	.2							121	121		
80/ 79			.3	1.7	3.4	4.5	2.7	1.0	.1									128	128		
78/ 77			1.6	3.7	4.7	3.7	.5	.4										136	136		
76/ 75		.4	2.9	4.1	2.7	.4	.6	.1	.1									106	106	13	1
74/ 73		.5	3.4	3.5	.9	.6		.1										85	85	112	11
72/ 71		1.2	5.1	1.4	.5	.6	.3											85	85	243	45
70/ 69	.1	.2	2.3	1.8	.6													47	47	276	127
68/ 67		.2	1.3	.3	.3	.1												21	21	145	174
66/ 65			.2	.1		.1												4	4	34	211
64/ 63			.1		.2													3	3	40	146
62/ 61		.2																2	2	13	76
60/ 59		.2																2	2	12	56
58/ 57																				1	48
56/ 55																				3	19
54/ 53																					5
52/ 51																					7
50/ 49																					4
TOTAL	.1	3.0	17.2	16.8	12.4	14.6	14.2	8.8	6.7	1.9	.8	.5						930	930	930	230
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total								
Ref. Hum.	4203881		61215		65.8	11.7	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	5664930		72422		77.9	5.2	930			91.9	76.0	37.5		23							
Wet Bulb	4481189		64491		69.3	4.1	930			73.9	12.2			43							
Dew Point	3940653		60411		65.0	4.2	930			32.3	1.2			23							

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 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71
 USAF/TAC

GLOBAL CLIMATOLOGY BRANCH
 USAF/TIAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
 STATION

FT SILL AAF OK
 STATION NAME

7-70, 73-78
 YEARS

YEARS

JUL
 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		
90/ 89									.1									1	1				
88/ 87									.1	.1								1	1				
86/ 85								.3	.1	.1								5	5				
84/ 83						.2	1.1	.9	.3	.3								26	26				
82/ 81					.3	1.8	1.9	1.1	.4	.2								54	54				
80/ 79				.9	2.2	4.2	1.8	1.5										98	98				
78/ 77			.9	3.7	6.0	3.9	1.4	.4										151	151				
76/ 75		.3	4.6	5.8	6.2	1.6	1.0											182	182				
74/ 73		1.2	5.4	5.7	1.1	1.3												136	136	42	6		
72/ 71		2.7	7.6	2.6	.5	.3												128	128	194	55		
70/ 69		1.5	4.1	1.2	.5	.5												73	73	252	125		
68/ 67		.5	1.7	1.9	.4	.1												44	44	235	166		
66/ 65		.5	.9	.4	.3													20	20	100	225		
64/ 63			.1	.1	.1													3	3	53	153		
62/ 61					.1													1	1	29	66		
60/ 59		.6		.1														7	7	16	70		
58/ 57																				5	50		
56/ 55																				1	13		
54/ 53																				2	16		
50/ 49																					1		
48/ 47																					2		
TOTAL		7.4	25.3	22.4	17.8	13.7	7.5	4.2	1.0	.8									930	930		156	
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	4941862	66842	71.9	12.176	930	≤ 0 F	≤ 33 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	5225279	69587	74.8	4.457	930			89.9	65.4	13.1		93											
Wet Bulb	4349195	63531	68.3	3.148	930			72.5	4.4			93											
Dew Point	3921233	60269	64.8	4.082	930			33.4	.6			93											

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71
 USAF/TIAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SUMMARY

13945 FI SILI AAF PK 7-70, 73-78 JUL 1 0600-0200
STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89								.1			.2						3	3			
88/ 87							.2	.3	.1	.1	.2						9	9			
86/ 85						.1	.6	.6	.6	.1							20	20			
84/ 83					.2	1.6	2.4	.8	.6								52	52			
82/ 81			.1	2.0	3.5	1.0	1.0	.2									73	73			
80/ 79		.1	1.7	3.0	3.9	1.1	.8										98	98			
78/ 77		.9	4.2	5.8	1.6	1.3	.2										130	130			
76/ 75	.6	5.2	5.3	5.9	1.2	.6											175	175	11		
74/ 73	1.2	6.9	5.1	1.2	.5	.1											139	139	116	11	
72/ 71	2.2	6.2	2.7	1.0	.2	.2											116	116	230	53	
70/ 69	.9	3.2	1.0	.6	.3	.1											57	57	239	158	
68/ 67	.1	1.6	1.5	.3													33	33	174	118	
66/ 65	.3	.8	.5														15	15	86	190	
64/ 63	.1	.1	.1	.1													4	4	39	129	
62/ 61	.1	.1		.1													3	3	23	60	
60/ 59	.3																3	3	11	61	
58/ 57																			6	25	
56/ 55																				13	
54/ 53																				6	
52/ 51																				3	
50/ 49																				1	
TOTAL		5.8	25.1	22.2	20.3	13.0	7.6	3.5	1.9	.2	.1	.2						930	930	230	

Element (X)	Σx^2		Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature								
							$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total		
Rel. Hum.	4915005		66731	71.8	11.683	930									
Dry Bulb	5356856		70440	75.7	4.821	930			90.5	49.9	19.7				
Wet Bulb	4452075		64275	69.1	3.255	930			76.4	12.1					93
Dew Point	4023052		61058	65.7	3.932	930			44.0	1.1					23

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK 67-70, 73-76 JUL
 STATION STATION NAME YEARS 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															
106/105																	.1	1	1																
104/103																	.1	1	1																
102/101																.1	.3	4	4																
100/99															.3	.2	.1	6	6																
98/97														.8	.3	.2	.4	16	16																
96/95														1.3	1.5	.6	.3	36	36																
94/93									.2	1.7	2.8	1.1	.3				57	57																	
92/91								.8	2.7	3.0	2.0	.5	.1				85	85																	
90/89								1.0	2.9	3.7	1.4	.6	.1				90	90																	
88/87							.2	2.7	4.2	3.3	.6		.1				104	104																	
86/85					.1	2.6	5.4	2.3	.8	.3							106	106																	
84/83				.2	2.2	4.5	3.1	1.0	.4	.1							107	107																	
82/81				.4	2.4	2.8	1.2	1.0	.2	.2	.1						77	77																	
80/79			.1	2.8	2.8	2.0	.8	.3		.1							83	83	1																
78/77			.3	1.6	1.7	.6	.8	.2	.2								53	53	34																
76/75		.1	1.0	1.0	1.0	.4	.1	.2	.1								36	36	204																
74/73		.3	1.2	.9	.2	.4	.1	.2									31	31	304																
72/71		.3	.8	.1	.3	.1	.1										16	16	191																
70/69		.3	.8	.1	.1	.1											13	13	93																
68/67			.4		.1												5	5	51																
66/65			.2														2	2	25																
64/63			.1														1	1	11																
62/61																			12	60															
60/59																			4	51															
58/57																				15															
56/55																				12															
54/53																				6															
52/51																				2															
50/49																				5															
TOTAL		1.1	4.8	7.1	11.1	13.9	15.2	13.0	11.6	7.5	6.9	4.1	1.4	.9	.9	.1	.5	930	930	930															
Element (X)	Σx^2	Σx		\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature																											
Rel. Hum.	3090847	52043		56.0	13.862	930		< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total																					
Dry Bulb	6757081	79023		85.0	6.757	930				92.7	89.3	72.9	12.1	93																					
Wet Bulb	4885650	67342		72.4	4.175	930				87.8	54.3			93																					
Dew Point	4150503	62009		66.7	4.146	930				55.6	3.3			93																					

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3 GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

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
110/109																	.4	4	4	
108/107																	.3	3	3	
106/105																	.6	7	7	
104/103														.2	.2	.5	.3	12	12	
102/101													.3	1.0	1.7	1.6	.1	39	39	
100/ 99											.4	2.3	2.4	1.6	.4	.2	70	70		
98/ 97									.2	.5	4.0	3.1	2.9	.4	.1		105	105		
96/ 95								.2	.5	2.4	4.1	2.0	.4	.3			93	93		
94/ 93							.1	.8	4.2	4.2	2.0	.5	.6	.1			117	117		
92/ 91							.9	3.1	4.4	1.7	.8	.2		.1			85	85		
90/ 89						.9	1.8	2.8	1.4	1.2	.4	.2					81	81		
88/ 87				.1	.6	2.6	1.7	1.9	.9	.2		.1					76	76		
86/ 85			.1	1.8	2.5	2.2	.6	.5	.3	.1	.1						77	77		
84/ 83			.4	1.7	1.4	.4	.5	.1	.2								45	45		
82/ 81			.1	1.5	.3	1.0	.6	.5	.1	.1							40	40		
80/ 79			.3	.5	.5	.8	.1	.1	.2								24	24	12	
78/ 77			.2	.4	.5	.2	.1	.1	.2								17	17	77	
76/ 75			.2	.5	.2	.1	.3	.1									14	14	203	
74/ 73		.1	.5	.1	.1	.1											9	9	259	
72/ 71		.1	.4	.2													7	7	158	
70/ 69			.1	.1													3	2	36	
68/ 67			.2	.1													3	3	40	
66/ 65																			25	
64/ 63																			11	
62/ 61																				
60/ 59																				
58/ 57																				
56/ 55																				
54/ 53																				
52/ 51																				
50/ 49																				
48/ 47																				
TOTAL		.2	1.7	2.0	3.4	5.5	9.5	0.1	10.9	10.5	10.9	11.8	8.9	7.5	4.2	2.7	2.2	930	930	30
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	201522	41340	44.5	13.838	930		$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total							
Dry Bulb	7781750	84802	91.2	7.269	930				93.0	71.8	86.8	45.0	93							
Wet Bulb	4984418	68022	73.1	3.140	930				88.9	51.1	.3		93							
Dew Point	3989871	60745	65.3	4.886	930				42.2	3.0			73							

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 54322

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK
STATION STATION NAME

67-70, 73-78
YEARS

JUL
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																	
112/111																	.1																	1				
110/109																	.3																		3			
108/107																	.8																		7			
106/105																	.6																		6			
104/103																	.6	.8	1.3	1.3														37		37		
102/101																.2	1.9	2.5	1.3	1.8														72		72		
100/ 99															.9	2.8	3.3	2.5	.9	.5													101		101			
98/ 97															.3	2.9	2.9	1.8	1.4	.2														89		89		
96/ 95															.1	.4	2.3	4.8	3.8	1.0	.5													120		120		
94/ 93															.3	2.2	2.9	2.5	.6	.4	.1														84		84	
92/ 91																.1	1.1	1.3	2.7	1.5	2.0	.6	.1												88		88	
90/ 89										.2	.4	1.3	1.3	1.4	1.2	.2	.1	.3																	60		60	
88/ 87									.4	1.6	2.2	2.0	.5	.2	.2	.1																			68		68	
86/ 85							.1	.5	1.4	1.3	.8	.5	.3	.1																					47		47	
84/ 83							.2	1.0	1.1	.5	.5	.4	.3																						38		38	
82/ 81				.5	1.1	.5	.9	.6	.2	.1																									37		37	
80/ 79			.1	.8	.6	.3	.3	.2	.4																										26		26	
78/ 77			.2	1.0	.5		.1																												17		17	
76/ 75			.2	.3	.1		.3																												9		9	
74/ 73			.4																																4		4	
72/ 71		.1	.5	.2																															8		8	
70/ 69		.1	.3																																4		4	
68/ 67		.1																																	1		1	
66/ 65			.1	.1																															2		2	
64/ 63																																						
62/ 61		.1																																		1		1
60/ 59																																						
58/ 57																																						
56/ 55																																						
54/ 53																																						
52/ 51																																						
50/ 49																																						
48/ 47																																						
46/ 45																																						
Element (X)	Σx²			Σx			x̄			s²			No. Obs.			Mean No. of Hours with Temperature																						
Rel. Hum													≤ 0 F		≤ 3? F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total													
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK 7-70, 73-78 JUL
STATION STATION NAME YEARS MONTH

PAGE 2 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		
44/ 43																					1		
TOTAL		.4	1.9	2.9	2.7	3.0	6.2	7.2	7.0	6.3	9.0	13.7	11.2	9.6	7.7	3.7	5.5		930	930	30		

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	1790916	38434	41.3	14.706	930							
Dry Bulb	8019468	86060	92.5	7.742	930			92.7	91.4	86.9	52.0	93
Wet Bulb	4932817	67673	72.8	3.021	930			89.0	55.6	.2		93
Dew Point	3846136	59622	64.1	2.040	930			30.6	2.2			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-76

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-7000
 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			
108/107																	.2	2	2					
106/105																	.4	4	4					
104/103																	.5	6	6					
102/101													.1	.3	.4	.6	.3	17	17					
100/ 99												.3	1.8	1.5	.4	.9	46	46						
98/ 97											1.2	1.9	2.4	1.9	.3	.4	76	76						
96/ 95										.9	3.2	2.9	1.1	.1	.2	.1	79	79						
94/ 93									1.4	3.8	3.4	1.6	.5	.5			105	105						
92/ 91							.4	1.4	3.1	2.7	1.0	.5	.1				86	86						
90/ 89						.2	1.3	2.6	2.4	1.3	.5	.4					91	91						
88/ 87					.2	1.4	1.8	2.4	1.0	.6	.1						80	80						
86/ 85				.2	1.4	1.8	2.4	1.0	.6	.4	.1						74	74						
84/ 83			.1	.4	1.1	1.8	.9	.8	.8	.3							57	57						
82/ 81		.1	.2	1.2	1.7	1.5	.9	.1	.5	.1							62	62						
80/ 79		.1	.9	.9	.8	.5	.4	.1	.1								35	35						
78/ 77	.1	.1	1.1	1.4	1.0	.3	.2										39	39	19	3				
76/ 75		1.2	1.2	.9	.4	.1		.1									36	36	124	1				
74/ 73		.1	1.4	.1	.2	.1											18	18	270	11				
72/ 71		.1	.1		.1												3	3	257	52				
70/ 69	.1	.1	.3	.1													6	6	135	88				
68/ 67		.1	.2	.1													4	4	65	129				
66/ 65																			34	187				
64/ 63																			17	136				
62/ 61		.3															3	3	4	125				
60/ 59																			4	78				
58/ 57																				45				
56/ 55																				26				
54/ 53																				72				
52/ 51																				12				
50/ 49																				9				
48/ 47																				2				
46/ 45																				2				
42/ 41																				1				
Element (X)	Σx ²			Σx			x̄			No. Obs.			Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK 7-70, 73-78 JUL
STATION STATION NAME YEARS MONTH

PAGE 2 1800-2000
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	.2	.9	3.4	3.8	5.3	6.9	7.9	8.6	8.5	11.6	10.1	9.0	7.9	6.2	4.6	1.6	2.9	929	929	929	929
Element (X)	ΣX^2	ΣX		\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	2233529	43019		46.3	16.170	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	7362350	82096		88.7	7.655	929			92.7	91.4	90.6	89.5	93								
Wet Bulb	4783002	66601		71.7	7.992	929			87.1	81.0			92								
Dew Point	3819128	59332		63.9	5.023	929			78.4	1.0			93								

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 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK (7-73-78) JUL
 STATION STATION NAME YEARS MONTH

PAGE 1 2100-2500
 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
98/ 97																	.1	1	1	
96/ 95												.2	.1	.1	.2			6	6	
94/ 93												.6	.3	.1				11	11	
92/ 91											.2	.8	1.0	.5		.1		41	41	
90/ 89								.2	2.2	3.0	1.2	.8	.1	.3				72	72	
88/ 87						.2	2.5	4.9	2.4	.6	.9							107	107	
86/ 85				.1	.6	3.8	3.5	2.0	1.3	.6								112	112	
84/ 83				.9	1.7	4.2	3.1	1.6	.9									115	115	
82/ 81				.5	1.4	3.3	3.8	1.4	.6	.2								105	105	
80/ 79			.2	1.5	1.0	3.2	1.0	.6	.2									80	80	
78/ 77			1.1	2.5	3.2	1.3	.5	.4	.3									87	87	
76/ 75	.1	.3	1.1	2.2	1.9	.3	.5	.1	.1									62	62	33
74/ 73		.6	2.3	2.0	.9	.6	.4	.2										66	66	164
72/ 71		.5	1.4	1.3	.5	.2												37	37	285
70/ 69		.6	.3	.6		.1	.1											16	16	210
68/ 67			.3	.2	.1	.1												7	7	111
66/ 65				.2														2	2	58
64/ 63																				28
62/ 61		.3																3	3	11
60/ 59																				6
58/ 57																				1
56/ 55																				34
54/ 53																				37
52/ 51																				12
50/ 49																				4
48/ 47																				5
46/ 45																				2
TOTAL	.1	2.5	6.7	11.1	10.9	11.5	14.5	12.2	12.3	11.5	4.3	3.4	1.1	.5	.2	.2	.1	930	930	930
Element (X)	Σx'		Σx		X	σ _x	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	3291629		53523		57.6	15.081	931		≤ 0 F	≤ 3 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	6274060		76174		81.9	6.124	931				92.5	80.5	60.9	1.8	93					
Wet Bulb	4604450		65376		70.3	3.065	931				82.6	72.0			93					
Dew Point	3893445		60027		64.5	4.522	931				33.4	1.0			93					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK
 STATION STATION NAME

7-70, 73-78 YEARS

JUL 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	O.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
112/111																	.0	1	1			
110/109																	.1	7	7			
108/107																	.2	12	12			
106/105																	.2	18	18			
104/103														.1	.1	.2	.3	56	56			
102/101													.1	.4	.5	.3	132	132				
100/ 99											.2	.7	1.0	.8	.2	.2	223	223				
98/ 97									.0	.1	1.1	1.0	.9	.5	.1	.1	287	287				
96/ 95								.0	.1	.6	1.7	1.2	.4	.2	.0	.0	334	334				
94/ 93							.0	.2	1.2	1.7	1.2	.4	.2	.1	.0		374	374				
92/ 91						.0	.4	1.1	1.5	1.2	.7	.3	.0	.0	.0		385	385				
90/ 89						.0	.3	.9	1.6	1.4	.7	.3	.1	.1			406	406				
88/ 87					.0	.2	1.1	1.7	2.1	.8	.3	.2	.0				470	470				
86/ 85				.0	.1	.9	2.1	1.8	1.0	.6	.2	.0	.0				494	494				
84/ 83				.0	.6	1.7	2.4	1.3	.8	.4	.1	.0					544	544				
82/ 81			.0	.3	1.5	2.1	2.0	1.1	.4	.2	.1						569	569				
80/ 79		.0	.1	1.3	1.9	2.4	1.1	.6	.1	.1							572	572	21			
78/ 77	.0		.7	2.3	3.0	1.5	.6	.3	.1								630	630	196	5		
76/ 75	.0	.2	2.0	2.5	2.4	.6	.5	.1	.1								620	620	863	14		
74/ 73		.5	2.7	2.2	.5	.5	.1	.1									488	488	1535	123		
72/ 71		.9	2.8	1.1	.4	.2	.1										400	400	1750	483		
70/ 69	.0	.5	1.4	.6	.2	.1	.0										218	218	1384	1.32		
68/ 67		.1	.7	.5	.2	.0											118	118	862	1.77		
66/ 65		.1	.3	.2	.0	.0											45	45	418	1.31		
64/ 63		.0	.1	.0	.1												11	11	218	990		
62/ 61		.1	.0		.0												13	13	39	711		
60/ 59		.1		.0													17	12	53	496		
58/ 57																			13	299		
56/ 55																			4	176		
54/ 53																			3	99		
52/ 51																				45		
50/ 49																				42		
48/ 47																				4		
46/ 45																				5		
Element (X)	Σx²		Σx		x̄		sₓ		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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

3 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 57-70,73-78 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 2 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														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
44/ 43																					
42/ 41																					
TOTAL	.1	2.7	10.8	11.0	10.9	10.3	8.2	7.5	6.2	5.3	5.4	3.8	3.1	2.2	1.0	1.4	7439	7439	7439	7.59	
Element (X)	$\sum x^2$	$\sum x$		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	26483191	423147		56.9	18.014	7439	≤ 0 F	≤ 33 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	52441774	620904		83.5	9.111	7439			725.9	662.3	458.4	144.4	744								
Wet Bulb	37472797	527311		70.9	3.565	7439			663.2	263.5	.5		744								
Dew Point	31584021	483523		65.0	4.577	7439			303.4	14.2			744								

9477 54321
 USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FF SILL AAF PK STATION NAME 7-70, 73-78 YEARS AU, MONTH

PAGE 1 0000-0000 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				
90/ 89											.1										1	1		
88/ 87									.1	.4											8	8		
86/ 85						.1	.5	1.3	1.2	.3	.2										34	34		
84/ 83					.2	.8	2.3	2.6	.6	.2											63	63		
82/ 81			.1	.3	1.7	1.9	3.3	1.7	.3	.1											89	89		
80/ 79			.2	1.9	4.0	5.4	2.6	.6	.1	.1											130	139		
78/ 77			1.7	3.9	4.9	2.3	1.2	1.0	.3												142	142	3	
76/ 75		.8	3.5	3.7	3.5	1.6	2.0	1.0	.2	.2											154	154	10 3	
74/ 73		1.6	3.7	3.5	1.5	2.4	.8	.2	.1												128	128	105 9	
72/ 71		1.9	2.4	2.9	1.6	.6	.1	.4	.2												95	95	225 68	
70/ 69		.9	.8	2.2	.3	.1	.1	.5													45	45	229 141	
68/ 67			.6	.6	.2	.2	.1	.2													19	19	126 139	
66/ 65			.5	.3			.2														10	10	95 157	
64/ 63		.2				.1															3	3	77 110	
62/ 61																							30 108	
60/ 59																							15 75	
58/ 57																							4 43	
56/ 55																							9 34	
54/ 53																							3 12	
52/ 51																							7	
50/ 49																							8	
48/ 47																							3	
46/ 45																							6	
44/ 43																							7	
TOTAL		5.4	13.5	19.4	18.2	15.4	13.2	9.7	3.7	1.1	.5										930	930	930	
Element (X)	Σx'	Σx	R	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	4287288	61896	66.6	13.440	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	5495682	71364	76.7	4.585	930			71.7	75.8	27.2		93												
Wet Bulb	4395903	63841	68.6	3.800	930			69.7	11.8			93												
Dew Point	3868177	59767	64.3	5.413	930			36.0	1.2			93												

9477 34321

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK STATION NAME 67-79, 73-78 YEARS AUG 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					
86/ 85							.1											1	1							
84/ 83						.1	.2	.3										6	6							
82/ 81					.2	.6	1.4	.6	.2									29	79							
80/ 79			.4	.6	1.2	3.9	1.8	1.3										86	86							
78/ 77		.2	.9	3.0	5.3	2.8	.5	.1										119	119							
76/ 75		.8	4.1	5.4	4.7	1.3	.8	.4	.1									163	163	7	4					
74/ 73		2.2	8.3	5.2	2.4	2.3	.3	.2										193	193	36	8					
72/ 71		2.8	4.7	4.0	2.9	1.3	.2	.2										150	150	165	48					
70/ 69		2.6	3.3	1.9	1.1	1.0	.1	.4										97	97	265	131					
68/ 67			1.7	1.6	.2		.2	.2										37	37	159	164					
66/ 65			1.9	.9	.1	.1	.2											30	30	109	165					
64/ 63		.2	.5	.2	.3	.2												14	14	92	108					
62/ 61		.3				.2												5	5	50	97					
60/ 59																				24	87					
58/ 57																				3	56					
56/ 55																				12	22					
54/ 53																				5	15					
52/ 51																				1	1					
50/ 49																					8					
48/ 47																					3					
46/ 45																					7					
44/ 43																					6					
TOTAL		9.0	25.9	22.8	18.4	13.8	5.6	3.9	.5	.1								930	930	930	930					
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																				
Rel. Hum.	5059038	67640	72.7	12.254	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb	5082372	68644	73.8	4.112	930			88.1	59.7	8.2		93														
Wet Bulb	4270128	62916	67.7	3.848	930			63.4	4.5			93														
Dew Point	3857922	59700	64.2	5.246	930			35.5	1.2			93														

9477 9432E
 FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/FMAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK STATION NAME

17-10-73-76 YEARS

YEARS

AUG MONTH

PAGE 1 0600-0100 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																
90/ 89									.1																							1	1				
88/ 87									.1																							1	1				
86/ 85								.1	.1	.3									.1													8	8				
84/ 83								.9	.5	.4									.1													18	18				
82/ 81					.3	1.0	2.0	.6	.4																							41	41				
80/ 79			.5	1.1	2.2	3.0	1.3	.3																								78	78				
78/ 77			1.6	3.1	3.7	2.6	.8	.2																								111	111		1		
76/ 75		.5	5.6	5.3	4.4	1.4	.9																									168	168	10	2		
74/ 73		2.5	7.2	5.9	1.9	1.3	.3	.1																								179	179	34	14		
72/ 71		4.0	3.7	3.7	2.0	.4	.2	.1																								131	131	175	56		
70/ 69		2.7	4.2	2.6	1.2	.8	.2	.3																								111	111	234	154		
68/ 67		.1	1.5	1.2	.3	.3	.2																									34	34	166	192		
66/ 65		.1	1.5	.6	.2	.3																										26	26	107	145		
64/ 63			1.0	.2	.2	.2																										15	15	68	107		
62/ 61		.2	.1			.1																										4	4	39	90		
60/ 59				.1	.2																											2	3	25	80		
58/ 57																																			6	37	
56/ 55																																		10	18		
54/ 53																																		2	12		
52/ 51																																	2	6			
50/ 49																																				4	
48/ 47																																				5	
46/ 45																																				3	
44/ 43																																				4	
TOTAL		10.1	26.9	24.1	17.3	13.5	5.2	2.3	.5	.1																								929	929	929	929
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																										
Ref Hum.	5175234	68486	73.7	11.672	929	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb	5114751	68807	74.1	4.467	929			88.2	50.6	10.2		93																									
Wet Bulb	4325011	63283	68.1	3.913	929			67.1	9.5			93																									
Dew Point	3933201	60269	64.9	5.004	929			41.8	1.6			93																									

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF PK STATION STATION NAME

7-70, 73-78 YEARS

AUG MONTH

PAGE 1 0900-1100 HOURS (L. S. Y.)

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	
102/101														.1				1	1			
100/ 99													.2	.1				3	3			
98/ 97												.3	.2	.2				7	7			
96/ 95											.6	.6	.2					14	14			
94/ 93								.1	.1	1.2	1.0	.5	.3	.1				31	31			
92/ 91							.1	.2	1.7	1.4	1.0	.5						46	46			
90/ 89						.1	.6	2.9	3.7	1.8	.8	.3						95	95			
88/ 87						.6	2.4	4.6	2.2	1.1	.3							104	104			
86/ 85					.2	1.8	4.3	2.8	1.1	1.0	.2	.1						107	107			
84/ 83				.1	2.2	4.1	3.0	1.8	1.1	.3								117	117			
82/ 81				.5	2.0	3.2	2.5	1.5	.2	.1		.1						95	95	1		
80/ 79			.4	2.7	2.2	2.3	1.8	.3	.2		.1							93	93	4		
78/ 77		.1	.6	2.0	1.8	1.7	.4	.2	.2	.2		.1						70	70	25	2	
76/ 75		1.5	1.4	1.1	1.0	.2	.3											51	51	179	7	
74/ 73		1.0	1.6	.9	.3	.1	.1	.2		.2								41	41	249	27	
72/ 71		.5	.6	.2	.4	.1	.2		.1									21	21	183	105	
70/ 69		.6	.8	.3	.1	.2												19	19	143	201	
68/ 67		.1	.1		.2													4	4	68	194	
66/ 65		.1		.3	.1													5	5	31	133	
64/ 63		.1																1	1	15	84	
62/ 61			.3	.1														4	4	13	74	
60/ 59			.1															1	1	9	49	
58/ 57																				5	15	
56/ 55																				5	14	
54/ 53																					6	
52/ 51																					10	
48/ 47																					4	
46/ 45																					2	
44/ 43																					1	
42/ 41																					1	
40/ 39																					1	
TOTAL		2.6	6.1	8.6	10.6	15.3	15.7	15.1	10.5	7.3	4.0	2.7	1.0	.5					930		930	
																			930		930	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	3351689	54325	58.4	13.856	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93										
Dry Bulb	6460004	77274	83.1	6.503	930			91.9	87.5	67.0	5.6	93										
Wet Bulb	4789904	66650	71.7	3.787	930			82.2	45.6	.1		93										
Dew Point	4104541	61633	66.3	4.866	930			53.6	3.6			93										

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

1427 50321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK STATION STATION NAME

7-70, 73-78 YEARS

AUG MONTH

PAGE 1 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															
108/107																	.2	?	2																	
106/105																	.1	2	2																	
104/103																.2	.3	6	6																	
102/101													.1	1.0	1.3	.4	.1	26	26																	
100/99											.1	1.3	.6	.9	.2	.1	.1	31	31																	
98/97									.2	.6	2.0	2.3	1.5	.3	.3	.2	.2	70	70																	
96/95								.2	1.0	3.0	4.1	1.6	1.1	.2	.1			105	105																	
94/93							.1	.5	4.4	3.8	1.9	1.1	.2	.2	.1			115	115																	
92/91						.3	1.7	3.0	4.7	2.0	1.6	1.1						135	135																	
90/89					.2	.5	1.9	3.2	2.5	.6	1.0	.4						97	97																	
88/87					.4	1.4	2.2	1.6	1.5	.6	.3	.1						76	76																	
86/85					1.0	2.7	1.4	1.2	.4	.2	.1	.2			.1			68	68																	
84/83				.9	1.9	1.1	.8	.3	.1	.3	.4							54	54																	
82/81			.2	1.3	.8	.9	.9	.1		.1	.1	.1						41	41	1																
80/79			.6	1.3	.4	.3	.4	.1	.2	.2		.1						35	35	11																
78/77		.1	.4	.4	.5	.5	.1	.2										22	22	73																
76/75		.8	.5	.2														14	14	236	6															
74/73	.2	.2	.1	.3														8	8	266	26															
72/71	.4	.2	.1	.1														8	8	143	73															
70/69	.1	.1	.2	.1	.2													7	7	89	169															
68/67		.2	.2	.1														5	5	55	162															
66/65			.1															1	1	11	135															
64/63			.1															1	1	16	125															
62/61		.1																1	1	10	75															
60/59																				7	54															
58/57																				5	38															
56/55																					23															
54/53																					14															
52/51																					10															
50/49																					5															
48/47																					9															
42/41																					1															
40/39																					2															
34/33																					1															
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK
STATION STATION NAME

7-70, 73-78
YEARS

AUG
MONTH

PAGE 2 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															
32 / 31																																				
TOTAL		.8	1.7	2.7	4.4	5.8	7.7	9.5	10.5	15.1	11.6	11.7	8.4	4.5	3.2	1.0	.8		930			1														
																		930		930	.30															

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean. No. of Hours with Temperature						Total
						≤ 0 F	≤ 3 F	≤ 6 F	≥ 7 F	≥ 8 F	≥ 9 F	
Rel. Hum.	2136857	42691	45.91	3.809	930							
Dry Bulb	7537499	83465	89.7	7.093	930			92.7	90.7	85.0	35.1	93
Wet Bulb	4926309	67599	72.7	3.702	930			87.4	48.7	.3		93
Dew Point	3967176	60522	65.1	5.545	930			43.0	3.2			93

4277 54321

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK
STATION STATION NAME

7-70, 73-78
YEARS

AUG
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															
108/107																	.1	1	1																	
106/105																.4	.5	9	9																	
104/103															1.0	1.0	.6	24	24																	
102/101												.1	.9	1.3	.9	.6	35	35																		
100/ 99											.2	1.4	1.7	1.7	.8	.1	55	55																		
98/ 97								.1		.6	2.5	2.6	2.7	1.9	.2	.2	101	101																		
96/ 95								.5	.7	4.1	1.8	1.5	1.0	.3			111	111																		
94/ 93							.4	.4	1.3	2.9	1.5	.9	.1	.1			147	147																		
92/ 91							.4	1.0	1.9	2.6	1.3	1.2	.4	.1			83	83																		
90/ 89						.3	1.3	2.2	1.9	.6	.6	1.0	.1	.2			77	77																		
88/ 87						.1	.4	2.2	1.7	1.3	.6	.5	.4	.1			69	69																		
86/ 85						.9	2.4	1.2	.9	.2	.3		.6	.3	.1		64	64																		
84/ 83					.8	.6	.9	1.0	.9	.1	.1		.1				41	41																		
82/ 81				.2	1.3	.6	.2	.9	.1	.1	.3						35	35	1																	
80/ 79			.2	.9	.5	.3				.2							20	20	4																	
78/ 77		.1	.4	.3	.4	.1	.1										14	14	44																	
76/ 75			.4	.3	.8	.2	.2										18	18	202	4																
74/ 73		.1	.2	.1	.5	.2	.3										14	14	269	11																
72/ 71		.3		.2													5	5	175	62																
70/ 69		.1		.2	.3												6	6	168	96																
68/ 67				.1													1	1	68	146																
66/ 65																			25	158																
64/ 63																			9	113																
62/ 61																			19	106																
60/ 59																			6	80																
58/ 57																				55																
56/ 55																				42																
54/ 53																				17																
52/ 51																				14																
50/ 49																				12																
48/ 47																				4																
46/ 45																				5																
44/ 43																				2																
42/ 41																				1																
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF/ATC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS 400 MONTH

PAGE 2 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
40/ 39																					2
TOTAL		.6	1.3	2.3	4.7	3.1	4.5	7.6	7.2	4.7	14.1	12.2	10.8	8.6	7.4	3.7	2.3		930		2
																		930		930	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	$\leq 3^\circ$ F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1815623	38939	41.9	14.121	930							
Dry Bulb	7809223	84957	91.4	7.208	930			93.0	91.8	86.6	48.3	93
Wet Bulb	4865039	67185	72.2	3.513	930			87.1	52.0	.1		93
Dew Point	3799435	59215	63.7	5.596	930			31.9	1.5			93

9477-54321
FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAF/ATC

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILI AAF OK STATION NAME 7-70, 73-76 YEARS AUG MONTH

PAGE 1 1800-2000 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
106/105															.4	.2	.2	7	2		
102/101																	.1	7	7		
100/ 99											.1	.1	1.3	.6	.4			24	24		
98/ 97											.2	.1	.9	1.0	1.2	.5		42	42		
96/ 95											.9	2.5	1.6	.6	.4			56	56		
94/ 93									.1	1.6	2.6	2.2	1.1	.4	.3			84	84		
92/ 91						.1	.1	.6	2.5	3.2	1.5	1.3	.6					93	93		
90/ 89						.3	1.1	4.0	3.3	.9	1.4	.8	.2	.1				112	112		
88/ 87						.1	.9	2.7	3.4	1.8	1.3	.5	.4					104	104		
86/ 85						1.0	2.8	2.4	2.0	1.2	1.1	.2	.2	.1				102	102		
84/ 83				.1	.6	1.9	1.4	1.5	1.0	1.0	.3	.2	.1	.2				78	78		
82/ 81				.5	2.0	1.3	1.1	.6	.6	.1	.1	.1	.1					62	62		
80/ 79				1.0	1.1	1.2	.6	.6	.1	.4	.2	.2						51	51	3	
78/ 77			.6	1.5	.5	.4	.5	.2	.2		.1							39	39	15	
76/ 75		.2	1.0	.9	.6	.3	.1											29	29	98	3
74/ 73		.3	1.0	.5	.2	.1		.2										22	22	202	8
72/ 71		.2	.3	.2	.1	.2		.1										11	11	234	54
70/ 69		.1	.2		.4		.1											8	8	126	112
68/ 67				.4														4	4	91	136
66/ 65																				51	126
64/ 63																				26	167
62/ 61																				10	85
60/ 59																				10	77
58/ 57																				4	61
56/ 55																					41
54/ 53																					19
52/ 51																					25
50/ 49																					7
48/ 47																					3
46/ 45																					3
44/ 43																					3
42/ 41																					4
40/ 39																					2
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAF/TAC FORM 0-26-3 (CL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
 STATION

FT SILL AAF (K)

STATION NAME

7-70, 73-78

YEARS

AUG

MONTH

PAGE 2

1800-2000
 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		.9	3.1	5.2	5.7	6.6	8.0	7.6	12.2	11.9	10.9	8.0	6.6	5.2	3.1	1.2	.3	930	930	930	930

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	231348	44139	47.515	3.339	930							
Dry Bulb	7104456	81032	87.1	0.885	930			93.0	90.7	79.4	71.5	93
Dew Point	4712694	65022	71.1	3.517	930			82.9	37.8			93
	377702	29004	63.4	5.700	930			31.3	1.1			93

1477-443-21
 USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 71-78

AUG
 MONTH

PAGE 1 2100-2500
 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
96/ 95																		1	1	
94/ 93																		7	7	
92/ 91																		18	18	
90/ 89																		52	52	
88/ 87																		57	57	
86/ 85																		95	95	
84/ 83																		115	115	
82/ 81																		137	137	
80/ 79																		123	123	
78/ 77																		114	114	4
76/ 75																		77	77	30 3
74/ 73																		59	59	193 10
72/ 71																		42	42	261 62
70/ 69																		12	12	164 154
68/ 67																		14	14	110 129
66/ 65																		6	6	79 134
64/ 63																				47 138
62/ 61																				17 94
60/ 59																				8 71
58/ 57																				11 48
56/ 55																				5 33
54/ 53																				20 20
52/ 51																				14 14
50/ 49																				3 3
48/ 47																				2 2
46/ 45																				8 8
44/ 43																				5 5
42/ 41																				1 1
TOTAL																		929	929	929 929
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	3440399	54839	59.0	14.799	929	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	92								
Dry Bulb	6062837	74875	80.6	5.503	929			92.4	95.6	55.0	.8	92								
Wet Bulb	4533293	64803	69.8	3.731	929			76.3	22.7			93								
Dew Point	3852983	59613	64.2	5.559	929			35.8	1.3			93								

2477 9432
 FORM 0-26-3 (OL A) JUN 71
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF MK

7-76, 73-78

AUG
 MONTH

PAGE 1

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				
108/107																	.0	3	3					
106/105																.1	.1	13	13					
104/103															.1	.2	.1	30	30					
102/101													.0	.2	.4	.2	.1	69	69					
100/ 99											.1	.4	.5	.4	.2	.0	113	113						
98/ 97									.0	.0	.2	.6	.7	.8	.4	.1	.1	220	220					
96/ 95								.0	.2	.9	1.4	.7	.4	.2	.1	.1	287	287						
94/ 93							.1	.1	1.3	1.7	1.1	.5	.2	.1	.0		384	384						
92/ 91						.1	.3	.8	1.3	1.2	.6	.5	.1	.0			375	375						
90/ 89					.0	.2	.9	1.8	1.5	.5	.5	.3	.0	.0			435	435						
88/ 87					.2	.6	1.6	1.6	.8	.4	.2	.1	.0				419	419						
86/ 85				.0	.7	1.8	1.6	1.1	.5	.3	.1	.1	.1	.0			479	479						
84/ 83			.1	.7	1.7	1.5	1.5	.7	.3	.1	.1	.0	.0				492	492						
82/ 81			.0	.3	1.9	1.7	1.7	1.1	.4	.1	.1	.0	.0				529	529	3					
80/ 79		.2	1.3	2.0	2.4	1.3	.7	.1	.2	.1	.0	.0					625	625	22					
78/ 77	.1	1.0	2.1	2.4	1.5	.7	.4	.2	.0	.0	.0						631	631	165					
76/ 75	.3	2.3	2.5	2.1	.8	.6	.3	.0	.1								674	674	772					
74/ 73	1.1	3.0	2.1	1.1	.9	.2	.2	.0	.1								644	644	1466					
72/ 71	1.5	1.6	1.5	1.0	.3	.1	.1	.1									463	463	1561					
70/ 69	.9	1.2	1.0	.5	.3	.1	.2	.0									305	305	1357					
68/ 67	.0	.6	.6	.2	.1	.1	.1										118	118	843					
66/ 65	.0	.5	.3	.1	.1	.1											78	78	515					
64/ 63	.1	.2	.1	.1	.1												34	34	350					
62/ 61	.1	.1	.0	.0													14	14	188					
60/ 59		.0	.0														4	4	104					
58/ 57																			53					
56/ 55																			41					
54/ 53																			115					
52/ 51																			87					
50/ 49																			47					
48/ 47																			33					
46/ 45																			34					
44/ 43																			28					
42/ 41																			8					
Element (X)	Z _x ¹	Z _x	X	F _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																								

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHLR SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILI AAF OK STATION NAME 7-70, 73-78 YEARS ALL MONTH ALL HOURS (L. S. T.)

PAGE 2

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
40/ 39																					7
34/ 33																					1
32/ 31																					1
TOTAL		4.1	10.7	11.9	11.7	10.9	9.1	9.0	7.1	6.5	5.0	4.7	3.4	2.4	1.7	.8	.4		7438		7438

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	27579615	432955	58.2	17.881	743H	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	50666824	610418	82.1	8.765	743H			731.0	642.4	418.6	111.9	144
Wet Bulb	36818281	522399	70.2	4.152	743H			619.1	242.9	.5		144
Dew Point	31160137	479723	64.5	5.437	743H			309.6	14.7			144

9477 54321
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1945 FT SILL AAF OK
STATION STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PAGE 1 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
86/85																		4	4		
84/83																		11	11		
82/81				.1	.1	.2	.4											9	9		
80/79			.4	.7	.9	1.1	1.5											29	29		
78/77			.7	2.0	2.3	2.1	2.2	.1										59	59		
76/75		.1	2.8	3.0	2.6	2.6	2.4	.4	.3									88	88	6	1
74/73		.3	2.1	2.4	2.7	1.7	1.1	.1										84	84	35	6
72/71		2.4	4.9	1.8	1.4	.3	.2	.1										101	101	78	21
70/69		4.4	3.8	1.4	1.8	1.0	.7	.2										120	120	126	81
68/67	.1	1.0	2.4	1.6	1.3	.6	.3											66	66	107	118
66/65	.7	1.8	2.2	2.4	1.6	.4												82	82	98	97
64/63		1.0	1.2	3.6	1.0	.2												63	63	82	82
62/61		1.0	1.3	1.0	1.3	.1												43	43	67	65
60/59		.4	2.2	1.1	.9													42	42	65	66
58/57		1.0	2.0	1.7	.1													43	43	78	65
56/55	.1	.8	.6	.8	.1													21	21	45	60
54/53		.6	.7	.2	.2													15	15	50	65
52/51		.1	.6	.1														7	7	29	55
50/49			.3	.3	.1													7	7	10	34
48/47		.2	.2	.2														6	6	11	33
46/45																				6	27
44/43																				3	10
42/41																				3	3
40/39																					3
38/37																					3
34/33																					3
TOTAL		.9	15.2	28.4	24.3	18.6	7.4	3.7	1.2	.2								900	900	900	700
Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel Hum.	5162778	67334	74.8	11.846	900	≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total									
Dry Bulb	4273277	61667	68.5	7.301	900			57.1	28.4	3.7		90									
Wet Bulb	3647337	56969	63.3	6.775	900			35.2	4.1			90									
Dew Point	3282392	53950	59.9	7.778	900			22.7	.7			90									

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71
 USAF/TAC

9477-50321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-71, 73-76

SEP

STATION

STATION NAME

YEARS

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																
84/ 83						.2																											2	2			
82/ 81						.2	.3																										5	5			
80/ 79			.2	.2	.4	.3																											11	11			
78/ 77			.6	.8	.7	.1																											19	19			
76/ 75		.1	2.2	2.0	1.2	.3		.1																									54	54	2	1	
74/ 73		1.0	4.1	2.8	1.3	.3	.3	.1																									90	90	16	2	
72/ 71		3.6	4.2	2.9	.9	.1		.1																									106	106	69	22	
70/ 69	.2	3.9	3.4	2.8	1.6	.8		.2																									116	116	108	74	
68/ 67	.8	4.2	2.1	1.9	.7	.3		.3																									90	90	115	120	
66/ 65	.3	2.4	2.9	1.7	.9	.3		.3																									77	77	90	99	
64/ 63		2.4	1.3	2.9	.7	.1		.1																									67	67	83	67	
62/ 61		1.2	1.9	1.7	.8	.1		.1																									51	51	77	61	
60/ 59		1.6	3.1	1.2	1.0	.3		.3																									65	65	55	81	
58/ 57		1.1	2.6	1.2	.3			.3																									47	47	69	51	
56/ 55	.1	1.0	2.4	.6	.2			.2																									39	39	63	61	
54/ 53	.1	1.0	1.2	.7				.7																									27	27	50	69	
52/ 51		.2	1.2	.1				.1																									14	14	46	46	
50/ 49			.7	.1				.1																									7	7	25	42	
48/ 47		.4	.2	.3				.3																									9	9	10	41	
46/ 45		.2	.2	.2				.2																									4	4	11	22	
44/ 43																																				5	22
42/ 41																																			2	10	
40/ 39																																				2	3
38/ 37																																				1	1
36/ 35																																				2	2
34/ 33																																				2	2
32/ 31																																				1	1
TOTAL	1.6	24.4	34.4	24.0	10.9	3.8	.3	.4	.1																									900	900	900	900
Element (X)	Σx²		Σx		̄x	s _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	5732182		71170		79.1	10.767	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	3997164		59626		66.3	7.221	900			49.3	18.1	1.1		90																							
Wet Bulb	3518054		55906		62.1	7.098	900			31.0	1.8			90																							
Dew Point	3235356		53470		59.4	6.077	900			.1	21.9	.3		90																							

9477 54321
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

67-70, 73-78

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0600
 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															
84/ 83					.1	.1												2		2																
82/ 81					.3	.1												4		4																
80/ 79				.7	.4													10		10																
78/ 77		.1	1.2	.8	.9													27		27																
76/ 75		.4	2.8	1.1	1.4	.2												54		54		2														
74/ 73		1.9	4.1	2.6	.4	.1	.1											83		83		4														
72/ 71		3.8	4.7	1.6	1.0	.2		.1										102		102		45														
70/ 69	.4	3.7	3.7	3.1	1.1	.1												109		109		88														
68/ 67	.3	3.8	2.9	2.2	.2	.3	.2	.1										91		91		97														
66/ 65	.6	2.9	3.0	2.8	1.1	.1	.2											96		96		91														
64/ 63	.1	2.4	1.6	2.2	.8	.2												66		66		66														
62/ 61		1.7	2.2	1.8	.3													54		54		78														
60/ 59		1.2	2.4	1.6	1.1	.1												58		58		65														
58/ 57		1.4	1.4	.9	.3													37		37		57														
56/ 55	.1	1.1	2.8	.9	.4													48		48		57														
54/ 53		1.3	1.4	.7														31		31		53														
52/ 51		.1	.8	.2														10		10		59														
50/ 49		.2	.6															7		7		34														
48/ 47		.3	.1	.3														7		7		31														
46/ 45		.2		.1														3		3		30														
44/ 43				.1														1		1		26														
42/ 41																						10														
40/ 39																						1														
38/ 37																						3														
36/ 35																						1														
32/ 31																						2														
TOTAL	1.0	26.7	35.7	23.6	10.1	1.7	.6	.1	.1									900		900		900														
Element (X)	Σx²		Σx		x̄		sₓ		No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.	5849338		71936		79.9		10.524		900		≤ 0 F	≤ 3 F	≥ 6 F	≥ 7 F	≥ 8 F	≥ 9 F	Total																			
Dry Bulb	3993749		59609		66.2		7.131		900				48.2	18.0	1.0		90																			
Wet Bulb	3542089		56089		62.3		7.197		900				31.0	3.8			90																			
Dew Point	3271364		53752		59.7		8.241		900		.2	23.4	.4				90																			

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
 STATION

FT SILI AAF OK
 STATION NAME

7-70, 73-78
 YEARS

SEP
 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			
94/ 93									.1	.2								3	3					
92/ 91								.1	.6	.2	.1	.1						10	10					
90/ 89								.7	.6	.1		.1						13	13					
88/ 87							.1	1.0	.4	.2								20	20					
86/ 85							1.3	1.1	1.0	.7								37	37					
84/ 83				.1	1.2	1.2	1.7	.7	.2	.3								49	49					
82/ 81			.7	2.6	2.1	1.0	.8	.7	.2	.1								73	73					
80/ 79		.4	1.7	1.3	2.6	1.7	.6	.4	.2	.1								80	80	1				
78/ 77	.2	1.6	1.9	1.9	1.8	.9	.6	.3	.2									84	84	8				
76/ 75	.8	1.9	2.0	2.2	.9	1.8	.4	.3										93	93	53	3			
74/ 73	.9	1.2	1.8	.8	1.4	.7	1.3	.2										75	75	108	21			
72/ 71	.9	1.4	1.9	1.0	1.7	1.1	.3	.3	.1									79	79	112	85			
70/ 69		1.2	1.3	1.1	1.7	1.3	.4	.3	.2									69	69	103	103			
68/ 67	.3	1.3	1.2	2.4	.9	1.0	.8											72	72	20	94			
66/ 65	.8	1.6	.7	1.3	.8	.2												48	48	70	98			
64/ 63	.1	.4	.2	.6	.6	.4		.1										22	22	83	73			
62/ 61	.1	.2	.7	.4	.4	.3												20	20	73	66			
60/ 59	.2	.1	.4	.7	.6													13	16	56	64			
58/ 57	.1	.4	.7	.3														14	14	32	62			
56/ 55	.7	.2	.2	.1														12	12	38	38			
54/ 53	.4				.1													5	5	26	47			
52/ 51	.3		.1															4	4	20	41			
50/ 49																				14	36			
48/ 47																				1	27			
46/ 45																				2	20			
44/ 43																					12			
42/ 41																					6			
40/ 39																					2			
36/ 35																					2			
		.8	1.1	1.2	1.6	1.7	1.4	1.7	1.3	1.1	7.2	5.2	1.9	.3	.2			900	900		100			
																		900		900				
Element (X)	Z _X '	Z _X	X	*X	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	4063017	59039	65.6	14.5	42	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	5018276	66818	74.2	8.0	2	900		75.7	53.7	25.0	.3	90												
Wet Bulb	3976352	59508	66.1	6.8	09	900		48.5	18.0			90												
Dew Point	3450593	55229	61.4	8.2	67	900		30.0	2.4			90												

USAFETAC FORM 1 JUN 71 0-26-3 (O/L) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-70, 73-78 SLP
 STATION STATION NAME YEARS MONTH
 PAGE 1 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
102/101													.3		.1			4	4		
100/ 99											.1	.1	.2	.1				4	5		
98/ 97									.1		.2	.1						4	4		
96/ 95									.3	.8	.9	.3	.1	.1				23	23		
94/ 93								.1	1.8	1.8	.3	.2	.2	.1				41	41		
92/ 91							.2	1.1	1.0	.9	.7	.1		.1				37	37		
90/ 89						.3	.8	2.3	1.6	.6	.7							56	56		
88/ 87						.6	1.2	2.6	1.7	.3	1.0	.7	.2					74	74		
86/ 85					.1	1.4	2.8	1.2	1.2	1.2	.6	.4	.1					82	82		
84/ 83		.1		.3	.7	1.8	1.6	.8	1.8	1.3	.6	.4						84	84		
82/ 81		.1	.1		1.0	1.4	1.6	1.7	1.4	.7	1.0	.1						82	82	1	
80/ 79		.2	.2	.2	1.4	.9	.4	2.0	.8	.9	.3							67	67	4	2
78/ 77		.2	.3	.4	.4	.7	.8	.8	.9	.8	.2	.2						52	52	32	2
76/ 75		.2	.4	.4	.9	.8	.8	.9	1.0	.2	.1							52	52	103	5
74/ 73		.1	.4	1.4	1.3	.3	.4	.9	.8	.3	.2							57	57	136	20
72/ 71		.9	.7	.9	.7	.4	.8	1.1	.2	.2	.1							54	54	100	47
70/ 69		.9	.6	1.3	.2	.7	.4	.7	.2	.1								46	46	75	95
68/ 67	.3	.2	.4	.4	.1	.2	.2	.3										21	21	112	122
66/ 65			.1	.1		.2	.3	.2	.1									10	10	82	90
64/ 63		.1	.2	.4	.2		.7	.3	.1									19	19	65	68
62/ 61				.4	.2			.1										7	7	50	66
60/ 59			.3	.1		.3	.1											8	8	40	67
58/ 57		.3	.6															8	8	35	50
56/ 55		.4																4	4	22	58
54/ 53																				24	40
52/ 51		.3																3	3	9	46
50/ 49																				9	31
48/ 47																				1	35
46/ 45																					11
44/ 43																					12
42/ 41																					11
40/ 39																					9
38/ 37																					7
36/ 35																					5
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK
STATION STATION NAME

7-70, 73-78
YEARS

SLP
MONTH

PAGE 2 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
34/ 33																					1
TOTAL	4.2	4.4	6.7	7.3	9.8	12.4	14.2	14.1	11.9	8.2	4.8	1.7	.4	.4			900		900	900	
																	900		900		

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2778323	47863	53.2	10.096	900			84.1	72.0	53.0	7.7	90
Dry Bulb	5909727	72475	80.5	9.041	900			56.3	27.6	.3		90
Wet Bulb	4171601	60979	67.8	6.671	900			29.3	2.9	.1		90
Dew Point	3393827	54725	60.8	8.584	900							90

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USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

67-70, 73-78

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1/00
 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
104/103													.2	.3		.1	.2	8	8		
102/101													.2					2	2		
100/99													.1	.1	.2	.1	.2	7	7		
98/97												.6	.7	.2	.1	.2		16	16		
96/95										.4	1.7	.7	.4	.1			30	30			
94/93								.4	1.0	1.2	1.7	.4	.3	.2			48	48			
92/91								.1	.8	2.3	2.7	.7	.2	.3			64	64			
90/89						.2	1.2	2.7	1.4	1.9	1.6	.8	.7	.3	.2		62	62			
88/87						.1	1.6	1.6	1.0	1.3	1.4	1.1	.7				79	79			
86/85					.1	1.1	1.4	1.1	.9	1.1	.7	1.0	.1				68	68			
84/83				.1	.7	1.2	1.9	1.1	1.0	.6	1.3	.1					72	72			
82/81		.1	.1	.4	1.2	.6	.2	.7	1.1	.8	.4	.2					53	53	2		
80/79		.1	.3	.6	.9	.6	.3	.8	.8	.2	1.2	.4					49	49	23	1	
78/77		.2	.6	.4	.9	.8	.8	.8	.9	.3							51	51	68		
76/75		.6	.6	.7	.8	.7	.9	.8		.3							47	47	143	8	
74/73		.3	.8	1.0	.8	.3	.4	.7	.1								40	40	124	27	
72/71		.8	.3	.4	.2	.1	.1	.3	.3								27	27	91	68	
70/69	.6	.4	.6	.2	.2	.1	.4	.1	.2								26	26	105	126	
68/67	.3	.1	.3	.2	.1	.2	.3	.2									17	17	32	90	
66/65	.2		.6	.3			.3										13	13	72	90	
64/63	.1	.2	.4	.1	.2												10	10	23	78	
62/61		.3	.4		.1												8	8	34	70	
60/59		.2				.1											2	2	43	44	
58/57		.4															4	4	24	61	
56/55		.1	.1														2	2	17	46	
54/53		.1															1	1	12	56	
52/51																			4	32	
50/49																			3	31	
48/47																				22	
46/45																				14	
44/43																				13	
42/41																				9	
40/39																				3	
38/37																					
Element (X)	Σx^2	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																					

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

3 GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK STATION STATION NAME

7-70, 73-78 YEARS

SEP MONTH

PAGE 2 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		
36/ 35																						6	
34/ 33																							3
32/ 31																							2
30/ 29																							1
TOTAL	.6	3.2	2.9	5.8	5.2	7.2	9.6	12.1	12.0	12.2	12.2	9.0	4.1	2.3	.7	.4	.4				900	900	900
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	2402439	44055	49.0	16.540	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	6148926	73908	82.1	9.410	900			84.3	75.4	58.2	11.1	90											
Wet Bulb	4141199	60781	67.5	6.362	900			55.6	23.6			90											
Dew Point	3266855	53687	59.7	8.458	900			.3	23.0	.9		90											

USAF/TAC FORM 10-71 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-44321

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK

7-71, 73-78

SLP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-2000
 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		
102/101													.1					7	2				
98/ 97												.2	.1	.2				5	5				
96/ 95												.4		.1	.1			6	6				
94/ 93											.8	.2			.1			10	10				
92/ 91								.1	.1	1.0	.7	.2	.1					20	20				
90/ 89							.6	1.1	1.2	.9	.1	.3	.1					20	39				
88/ 87							.4	1.3	2.0	.8	.2							43	43				
86/ 85						.6	1.6	1.7	2.0	.6	.4	.4	.1					65	66				
84/ 83					.7	1.3	1.9	.8	1.7	.9	.6	.1						71	71				
82/ 81				.3	1.3	2.0	.7	.9	.8	1.0	.4							67	67				
80/ 79			.2	.9	2.1	1.4	2.0	.9	.9	.3	.3	.1						83	83				
78/ 77			.4	.9	2.0	1.7	1.0	1.4	1.2	.7	.1							85	85		4		
76/ 75		.1	.4	1.3	1.2	.9	.7	.9	.8	.2		.1						60	60	35			
74/ 73		.1	1.1	.3	1.1	1.3	1.1	1.2	.7	.2								65	65	111	7		
72/ 71		.6	1.8	.8	1.1	.8	1.1	.3	.2		.1							61	61	132	33		
70/ 69		1.2	1.1	1.1	1.3	1.0	1.1	.6	.1									68	68	161	65		
68/ 67	.3	.6	.8	1.1	.8	.8	.4	.1	.1	.1								46	46	100	117		
66/ 65	.3		.6	.4	.4	.8	.6	.2										30	30	75	104		
64/ 63				.6	.4	.6	.1	.1										16	16	92	75		
62/ 61		.2	.3	.8	.2	.2	.2	.1	.1									20	20	63	81		
60/ 59		.1	.8	.3	.4	.1	.1											17	17	53	70		
58/ 57		.1	.6	.1	.1	.2	.1											11	11	43	54		
56/ 55	.2	.2	.1															5	5	41	52		
54/ 53		.3				.1												4	4	16	58		
52/ 51																				20	65		
50/ 49																				2	35		
48/ 47																				7	32		
46/ 45																				2	19		
44/ 43																				1	11		
42/ 41																					5		
40/ 39																					6		
38/ 37																					4		
36/ 35																					3		
34/ 33																					2		
Element (X)	Σx^2	Σx	\bar{x}	s_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																							

9477 54321

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK STATION NAME

7-70, 73-78 YEARS

SEP 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	≥ 3'	Dry Bulb	Wet Bulb	Dew Point				
32/ 31																								1
30/ 29																								1
TOTAL	.9	3.6	8.2	9.0	13.3	13.8	13.1	11.2	11.8	7.0	4.6	2.0	.8	.4	.2	.1				900	900	900	900	
Element (X)	Σx^2		Σx		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	3206109		51701		57.4	16.206	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	5416568		69376		77.1	8.745	900			79.7	62.2	38.1	2.3	90										
Wet Bulb	3974494		59534		66.1	6.362	900			49.9	15.1			90										
Dew Point	3287253		53877		59.9	4.032	900		.2	22.2	.7			90										

9177 94321
 USAF ETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
 STATION

FI SILI AAF OK
 STATION NAME

7-70, 73-78
 YEARS

SEP
 MONTH

PAGE 1 2100-2,00
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	>31	Dry Bulb	Wet Bulb	Dew Point
92/ 91									.1	.1								3	3		
90/ 89									.1	.2	.1							4	4		
88/ 87									.7	.2								8	8		
86/ 85								.4	1.1	.9								22	22		
84/ 83					.1	.3	.9	.2	.2									16	16		
82/ 81				.3	1.2	1.8	1.2	.9	.2	.1								49	49		
80/ 79			.2	1.1	1.4	2.9	1.4	.7	.1	.2								73	73		
78/ 77			1.2	1.8	1.7	1.1	.6	.4	.3									64	64	1	
76/ 75		.2	1.3	2.6	1.7	.6	1.4	.2	.1									73	73	11	1
74/ 73		.4	2.2	2.7	1.3	1.3	.8	.4	.2									85	85	59	5
72/ 71	.1	1.9	2.7	1.8	2.0	1.3	1.0	.6										107	107	107	39
70/ 69		2.1	3.0	1.1	1.6	2.4	.4	.1										97	97	134	67
68/ 67		1.3	1.1	1.2	2.0	1.2	.3											65	65	91	108
66/ 65	.8	.3	1.3	3.2	2.1	.9												78	78	85	118
64/ 63		1.0	.8	.6	1.3	.7												39	39	77	77
62/ 61		.2	.8	.9	2.1	.3												39	39	77	71
60/ 59		.6	1.1	.7	.9	.1												30	30	79	53
58/ 57		.7	.8	.6	.2													20	20	28	69
56/ 55	.1	.7	.3	.2	.8													19	19	49	55
54/ 53		.3	.2	.2	.1													8	8	36	55
52/ 51		.1		.1	.3	.1												6	6	16	66
50/ 49																				11	43
49/ 47																				6	35
46/ 45																				3	18
44/ 43																				3	9
42/ 41																					2
40/ 39																					4
38/ 37																					2
34/ 33																					3
TOTAL	1.0	9.9	17.1	19.0	20.9	15.1	8.6	5.1	2.7	.6					.1			900	900	900	900
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	4424306	61950	68.8	13.835	900	$\leq 0 F$	$\leq 3? F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	90									
Dry Bulb	4634468	64212	71.3	7.689	900			66.1	39.7	12.8		90									
Wet Bulb	3769904	57948	64.4	6.572	900			40.4	7.1			90									
Dew Point	3304319	54087	60.1	7.741	900			22.0	.6			90									

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 57-70, 73-78 SEP
 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
104/103													.0	.0		.0	.0	8	8		
102/101													.1			.0		8	8		
100/99											.0	.0	.0	.0	.0	.0	.0	12	12		
98/97										.0	.1	.1	.1	.1	.0	.0		25	25		
96/95										.0	.2	.4	.1	.1	.0			59	59		
94/93									.1	.4	.5	.3	.1	.1				102	102		
92/91								.1	.3	.6	.5	.2	.1	.0	.0			134	134		
90/89							.1	.4	.8	.6	.5	.2	.1	.0				174	174		
88/87						.1	.5	1.0	.7	.4	.3	.2	.1	.0				239	239		
86/85					.0	.4	1.0	.8	.7	.4	.3	.2	.1	.0				290	290		
84/83	.0		.1	.4	.8	1.0	.5	.6	.5	.2	.2	.0						303	303		
82/81	.0	.0	.2	.9	1.2	.8	.6	.5	.3	.2	.0	.0						361	361	1	
80/79	.0	.2	.7	1.2	1.1	.8	.6	.4	.3	.2	.0	.0						406	406	7	2
78/77	.1	.8	1.1	1.3	.9	.5	.5	.4	.2	.2	.1	.0						439	439	68	3
76/75	.3	1.5	1.6	1.5	.6	.7	.5	.4	.2	.1	.0							525	525	290	11
74/73	.6	2.0	1.8	1.2	.9	.5	.6	.3	.1	.1								586	586	644	73
72/71	.0	1.8	2.6	1.6	1.1	.7	.6	.4	.1	.0	.0							645	645	799	319
70/69	.1	2.3	2.2	1.6	1.2	.9	.4	.3	.1	.1								652	652	842	641
68/67	.3	1.6	1.4	1.4	.8	.6	.3	.1	.1	.0								477	477	818	702
66/65	.3	1.1	1.5	1.5	1.0	.5	.2	.1	.0									438	438	677	777
64/63	.0	.9	.7	1.4	.6	.3	.2	.1	.1									305	305	643	600
62/61	.6	.9	1.0	.7	.2	.1	.0	.0										244	244	525	506
60/59	.5	1.3	.7	.6	.2	.0	.0											246	246	445	336
58/57	.6	1.0	.6	.2	.0	.0												182	182	420	452
56/55	.1	.7	.8	.2	.2													152	152	342	442
54/53	.0	.5	.5	.2	.0	.0												92	92	264	433
52/51	.2	.3	.1	.1	.0													45	45	210	434
50/49	.0	.2	.1	.0														21	21	96	287
48/47	.1	.1	.1															22	22	51	265
46/45	.1		.0															7	7	32	169
44/43			.0															1	1	14	116
42/41																				8	66
40/39																				3	42
38/37																				1	23
Element (X)	Σx²		Σx			̄x	s _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																					

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 5432*

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

13945
STATION

FT STIL AAF OK
STATION NAME

7-70, 73-78
YEARS

SEP
MONTH

PAGE 2

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															
36/ 35																																					19
34/ 33																																					14
32/ 31																																					6
30/ 29																																					2
TOTAL	.9	11.9	17.9	16.1	13.0	9.2	7.7	6.5	5.8	4.1	3.2	2.0	.8	.4	.2	.1	.1																		7200	7200	7200
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	33631432	475048	56.0	17.829	7200	$\leq 0^\circ F$	$\leq 3^\circ F$	$\leq 6^\circ F$	$\leq 7^\circ F$	$\leq 8^\circ F$	$\leq 9^\circ F$				Total																						
Dry Bulb	39392155	527691	73.3	9.983	7200			544.5	367.1	192.9	21.4				120																						
Wet Bulb	30741030	467714	65.0	7.054	7200			346.9	101.0	.3				120																							
Dew Point	26493959	432777	60.1	5.171	7200			195.1	8.9	.1				120																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-70, 73-78 1 CT
 STATION STATION NAME YEARS MONTH

PAGE 1 0000-0.00
 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
84/ 83								.1									1	1		
82/ 81							.1										1	1		
78/ 77			.1	.1			.1										3	3		
76/ 75			.3	.1			.1										5	5		
74/ 73		.4	.9	.3	.3	1.0	.2		.1								30	30	2	
72/ 71			1.6	.8	1.1	.5	.2	.1									40	40	8	3
70/ 69		.8	1.4	.5	1.2	.6											42	42	16	12
68/ 67		.8	1.1	1.1	1.9	.4	.1		.1								51	51	34	16
66/ 65	.2	1.0	1.3	1.1	.5	.8	.3	.2	.1								57	57	30	28
64/ 63	.2	1.4	1.0	1.4	1.1	.5	.8	.1									60	60	49	29
62/ 61	.2	1.9	1.5	1.5	1.0	1.0	.3										69	69	64	31
60/ 59	.4	2.0	2.2	1.3	1.0	.4											68	68	59	46
58/ 57	.3	1.5	2.4	2.3	1.0	1.3	.3										84	84	69	52
56/ 55	.3	1.3	2.4	2.0	.6	1.1	.2										74	74	60	78
54/ 53	.3	.8	2.4	1.7	1.4	.4	.2										67	67	74	52
52/ 51		.2	2.3	2.0	1.0	.3	.1										55	55	76	56
50/ 49		.3	2.6	2.0	1.2	.8											64	64	60	42
48/ 47	.3	1.3	1.7	1.6	.9	.2											56	56	71	60
46/ 45		.6	.4	1.7	.4												30	30	73	65
44/ 43		.8	1.4	1.1	.3												33	33	55	54
42/ 41		.6	2.0	.3													28	28	40	57
40/ 39		.1	.8														8	8	51	53
38/ 37			.1														1	1	26	47
36/ 35			.1														1	1	9	52
34/ 33			.2														2	2	1	32
32/ 31																			1	31
30/ 29																			2	12
28/ 27																				10
26/ 25																				9
24/ 23																				3
TOTAL	2.4	10.5	30.0	23.0	14.8	9.4	3.1	.4	.4								930	930	930	330
Element (X)	Σx ²		Σx		X	x̄	No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.	4953178		66534		71.5	14.4	930		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	3167180		53640		57.7	8.867	930				17.3	4.0	.2		93					
Wet Bulb	2650964		48982		52.7	8.751	930			.3	6.0	.2			93					
Dew Point	2252298		44708		48.1	10.532	930		6.5	3.1					93					

USAF/TAC FORM 71 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

JUL

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		
	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				
78/ 77			.1				.1											2	2					
76/ 75			.3				.1											4	4					
74/ 73		.1	.2															3	3	1				
72/ 71		.9	.6	.3	.1													18	18	7 4				
70/ 69		.6	1.8	.8	1.0	.1	.1											41	41	7 11				
68/ 67	.1	1.0	1.0	1.0	.4	.1	.2	.1										36	36	28 10				
66/ 65	.2	1.6	2.0	1.7	.6	.1	.2	.3	.3									67	67	31 25				
64/ 63	.1	1.4	1.2	1.4	.6	.1	.1	.1										46	46	30 26				
62/ 61	.3	2.2	1.5	1.5	.4	.2	.2											59	59	54 34				
60/ 59	.3	2.4	1.7	1.5	.4	.8												66	66	61 36				
58/ 57	.4	3.6	2.2	1.2	.6	.3												77	77	61 53				
56/ 55	.3	2.5	2.6	2.0	.6	.2	.1											78	78	72 78				
54/ 53	.1	2.2	2.3	1.7	1.0	.3												70	70	65 49				
52/ 51	.4	.9	2.7	2.4	1.3	.1												72	72	62 49				
50/ 49		.5	1.9	2.5	.8	.4	.2											59	59	48 62				
48/ 47	.2	1.4	2.8	1.9	.6	.1												66	66	56 53				
46/ 45	.1	1.8	1.8	1.4	.1	.1												50	50	65 47				
44/ 43		.6	1.3	.6	.5													29	29	79 51				
42/ 41		1.2	2.8	.6														43	43	47 59				
40/ 39		.5	2.0	.2														26	26	46 60				
38/ 37		1.0	.5															14	14	39 51				
36/ 35																				33 50				
34/ 33			.1															1	1	4 40				
32/ 31			.2															2	2	32				
30/ 29																				2 21				
28/ 27																				1 10				
26/ 25																				7				
24/ 23																				2				
22/ 21																				3				
TOTAL	2.7	26.3	33.8	22.8	9.3	2.9	1.4	.5	.3									929	929	629				
Element (X)	Σx ²	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	5462533	70115	75.5	13.563	929	≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	2911911	51361	55.3	8.830	929		.2	10.4	.4			93												
Wet Bulb	2510712	47576	51.2	8.945	929		.3	4.3	.1			93												
Dew Point	2185854	43962	47.3	10.662	929		7.5	2.5				93												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

3077 54321

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

001

STATION

STATION NAME

YEARS

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
76/ 75			.3															3	3		
74/ 73		.2	.2	.1														5	5	2	
72/ 71		.8	1.0		.1													17	17	6	5
70/ 69	.1	.8	2.0	.3	.2													32	32	8	8
68/ 67		1.2	.8	.6	.2					.1								27	27	24	14
66/ 65	.4	1.7	2.3	1.4	.2		.5											61	61	32	29
64/ 63	.3	1.1	1.8	1.1		.3	.2											45	45	29	23
62/ 61	.1	3.3	1.0	1.3	.5		.1	.1										66	66	43	25
60/ 59	.2	2.9	2.2	.5	.5	.1	.1	.1										67	62	63	41
58/ 57	.3	3.2	3.0	.9	.2	.3												74	74	62	55
56/ 55	.3	2.7	3.7	1.1	1.1	.5												87	87	68	77
54/ 53	.3	1.7	2.8	2.0	1.6	.1	.1											81	81	73	58
52/ 51	.1	1.8	2.7	1.3	1.5	.4	.1											74	74	59	53
50/ 49		1.1	2.0	2.4	1.0													60	60	57	57
48/ 47		1.2	2.3	1.5	.6	.1												53	53	69	39
46/ 45		2.3	2.0	1.5	.6	.1												61	61	67	22
44/ 43	.1	1.3	2.3	.9	.3													45	45	82	44
42/ 41		1.0	2.5	.5														37	37	57	58
40/ 39		.9	.5	.3														16	16	50	68
38/ 37		1.0	.6	.3														18	18	35	53
36/ 35		.2	.1															3	3	20	48
34/ 33			.1															1	1	12	54
32/ 31			.1															1	1	7	30
30/ 29		.1																1	1		12
28/ 27																				7	15
26/ 25																					7
24/ 23																					4
22/ 21																					1
TOTAL	2.4	30.3	36.9	18.1	8.8	2.0	1.2	.2		.1								930	930	930	130
Element (X)	Σx²		Σx		Σ	Σx	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.	5615175		71241		76.6	13,037	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb	2863622		50980		54.8	8,621	930		.2	0.4	.6										
Wet Bulb	2495311		47449		51.0	8,952	930		.4	4.1	.3										
Dew Point	2189667		44015		47.3	10,708	930		6.9	7.7											

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-70, 73-78 11CT
 STATION STATION NAME YEARS 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															
86/ 85								.1			.1							2	2																	
84/ 83					.1			.1										2	2																	
82/ 81					.2	.5	.3	.2	.2	.1								15	15																	
80/ 79			.1	.5	.4	.1	.4	.2	.2									19	19																	
78/ 77			.2	.9	.5	.5	.4	.3	.1	.1								29	29																	
76/ 75			.3	.5	1.2	1.2	.9	.3	.1	.2		.1						46	46	4																
74/ 73		.2	.8	.4	1.1	1.4	.4	.3	.6	.2		.1						52	52	12	3															
72/ 71		.1	.5	.9	1.2	.9	.9	.1	.2			.2						46	46	22	10															
70/ 69		.3	1.2	2.2	1.2	1.0	.8	.3	.6	.2	.2							75	75	22	12															
68/ 67		.8	1.5	1.2	.9	1.1	1.0	.5	.2	.1								67	67	44	30															
66/ 65		.8	1.3	1.6	1.2	1.2	1.0	1.2	.4	.3	.1							84	84	62	25															
64/ 63		1.5	.9	1.7	1.0	.8	1.6	.4	.5	.1								79	79	72	33															
62/ 61	.2	1.0	1.3	1.5	1.0	1.3	1.5	.4	.4	.1								81	81	70	55															
60/ 59	.1	.3	1.7	1.0	1.0	1.5	.8	.4	.1									64	64	73	66															
58/ 57	.1	.9	1.4	.8	2.0	2.2	1.0	.5										82	82	59	59															
56/ 55		.4	.5	.6	1.4	1.3	.2											42	42	75	52															
54/ 53		.2	1.0	.9	.6	.5	.2	.1										33	33	62	65															
52/ 51		.2	.3	.8	.9	.3	.1											24	24	75	50															
50/ 49		.2	.5	1.3	.4	.3	.1											27	27	76	40															
48/ 47		.2	.6	.4	.3	.2												17	17	54	35															
46/ 45		.2	.9	.9	.3													21	21	53	47															
44/ 43	.1	.4	.1	.1	.1													8	8	39	44															
42/ 41		.9	.2	.4														14	14	25	67															
40/ 39			.1															1	1	19	62															
38/ 37																				7	50															
36/ 35																				5	37															
34/ 33																					27															
32/ 31																					17															
30/ 29																					20															
28/ 27																					11															
26/ 25																					12															
24/ 23																					1															
TOTAL	.5	8.6	15.5	18.5	17.3	16.1	11.5	5.4	4.1	1.5	.8	.2						930	930	930	430															
Element (X)	Σx ²		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.	3860362		57844		62.2		16.812		930		≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																			
Dry Bulb	3825361		59045		63.5		9.083		930				35.3	16.5	2.4		93																			
Wet Bulb	296090		51934		55.8		8.614		930				10.4	1.6			93																			
Dew Point	2384473		45931		49.4		1.176		930				6.1	5.5	.3		93																			

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477 54321

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK

7-70, 73-78

FCT
MONTH

STATION

STATION NAME

YEARS

MONTH

PAGE 1 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	
92/ 91													.1					1	1			
90/ 89							.1	.1		.1	.2	.3		.1	.1			10	10			
88/ 87						.2	.1	.3	.1	.3	1.0	.2	.2			.1		24	24			
86/ 85						.5	.8	.1	.5	.8	.5	.1	.1					32	32			
84/ 83					.4	.8	.4	.1	.6	.8	.4	.2	.3	.3				41	41			
82/ 81					.2	.5	.9	1.6	.6	1.2	.3	.6	.2	.2				60	60			
80/ 79					.8	.5	1.6	.8	.6	.9	.9	.3	.1	.2	.1			63	63			
78/ 77					.8	.5	1.3	1.2	1.3	1.2	.4	.5		.3				70	70		3	
76/ 75			.1		1.3	.9	2.2	1.6	.5	.8	.6	.2	.3					79	79	14		
74/ 73			.5	.4	.5	.9	.4	1.1	.6	.6	.5	.3	.1					57	57	17	3	
72/ 71			.1	1.2	1.2	1.2	1.0	.6	1.6	1.0	.3	.1	.1					78	78	26	12	
70/ 69		.2	.4	1.2	.4	.6	.8	.5	1.2	.9	.8							64	64	48	8	
68/ 67			.5	.4	.3	.6	.8	1.1	.8	.3	.1							52	52	80	33	
66/ 65		.3	.1	.8	.3	.9	.9	.9	1.0	.8	.2							56	56	68	22	
64/ 63		.4	.4	.6	.2	.5	1.2	.4	.5	.4	.1							46	46	96	41	
62/ 61		.2	.4	.8	.8	.4	.6	1.1	.6									46	46	67	56	
60/ 59			.2		.1	.9	1.3	.2	.3									28	28	72	64	
58/ 57		.2	.3	.3	.6	.6	.5	.3										30	30	55	53	
56/ 55		.1	.8	.4	.2	.3	.1	.1										19	19	70	64	
54/ 53			.2	.6	.9	.3	.4											23	23	68	51	
52/ 51		.1	.4	.2	.3	.2	.3											15	15	60	44	
50/ 49			.1	.3		.1	.1											6	6	51	52	
48/ 47			.4	.3														7	7	52	43	
46/ 45	.3	.2	.4	.1														10	10	35	57	
44/ 43		.4	.1	.1														6	6	23	34	
42/ 41		.3		.1														4	4	15	56	
40/ 39		.3																3	3	6	56	
38/ 37																				4	47	
36/ 35																					34	
34/ 33																					28	
32/ 31																					20	
30/ 29																					21	
28/ 27																					18	
26/ 25																					4	
Element (X)	ΣX^2	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																						

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 67-70, 73-78
STATION STATION NAME YEARS

JCT
MONTH
 PAGE 2 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		
24/ 23																						5	
TOTAL	.3	2.9	5.9	8.0	9.4	11.6	15.7	12.2	11.1	10.2	6.6	3.1	1.6	1.2	.2	.1					930	930	930
Element (X)	Σx^2		Σx		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	2575854		46216		49.7	17.335	930	= 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	4746448		65744		70.7	10.315	930			63.1	43.7	19.9		93									
Wet Bulb	3254020		54442		58.5	8.492	930			10.8	3.4			93									
Dew Point	2388696		45932		49.4	1.372	930		7.2	5.6	.3			93									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 55321

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK
STATION STATION NAME

7-79, 73-78
YEARS

JUL
MONTH
 1500-1/00
HOURS (L. S. T.)

PAGE 1

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
92/ 91												.4	.1	.1	.1		7	7		
90/ 89							.2	.1	.2	.1	.1	.5	.5	.1	.2		20	20		
88/ 87							.4	.5	.1	.9	.8	1.4	.1	.1	.2	.1	43	43		
86/ 85							.4	.4	1.1	.4	.4	.8	.6	.3	.3	.1	47	47		
84/ 83							.1	.4	.6	1.0	.5	1.0	1.2	.6	.2	.2	55	55		
82/ 81							1.1	.9	.5	1.1	.5	1.0	.9	.5	.2	.1	66	66		
80/ 79					.1	.3	.6	.5	.9	1.4	.6	1.3		.3	.1	.1	59	59		
78/ 77				.1	.2	.8	1.0	1.8	1.8	.8	1.0	.3	.1	.1			74	74		3
76/ 75				.5	.6	.6	2.0	.6	.5	1.3	.6	.4	.3	.1			73	73	13	
74/ 73				.3	.4	.2	.8	.3	1.3	.5	.9	1.0	.2				55	55	9	1
72/ 71			.1	1.5	.9	.3	.4	.8	1.0	1.2	.8	.3	.1				68	68	34	7
70/ 69			.2	.3	1.1	.4	1.4	1.0	.8	.8	1.1	.1					66	66	39	12
68/ 67			.5	.2	.2	.4	.8	.6	.6	.5	.3						40	40	66	22
66/ 65		.3	.1	.6	.4	.4	.8	.5	.3	1.2	.1						45	45	82	30
64/ 63	.2		.2	.4	.3	.2	.5	.6	.9	.3	.3						38	38	98	30
62/ 61		.3	.1	.1	.4	.9	.6	1.2	.4								38	38	75	41
60/ 59			.6	.3	.3	.4	.8		.5								28	28	66	42
58/ 57			.9	.4	.5	.4	.6	.1									28	28	77	60
56/ 55			.2	.5	.5	.3		.1									16	16	58	72
54/ 53			.2	.6	.8	.1	.2	.2									20	20	71	43
52/ 51			.5	.2		.3		.1									11	11	59	48
50/ 49			.3	.2	.3												8	8	55	64
48/ 47	.1	.1	.3	.1													6	6	52	46
46/ 45	.1	.2	.1	.4													8	8	29	59
44/ 43		.6	.1														7	7	25	57
42/ 41		.1															1	1	10	54
40/ 39		.3															3	3	7	34
38/ 37																			2	46
36/ 35																				37
34/ 33																				31
32/ 31																				39
30/ 29																				21
28/ 27																				15
26/ 25																				10
Element (X)	Σx^2	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																				

USAF/TAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK
STATION STATION NAME

7-70, 73-78
YEARS

PCT
MONTH

PAGE 2 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
24/ 23																				5	
22/ 21																				2	
20/ 19																				2	
TOTAL	.4	2.0	4.0	7.1	7.2	7.8	12.9	11.5	11.8	10.4	9.2	8.1	3.3	1.6	.9	.9	.1		930		-30
																	930		930		
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	2222965	42391	45.6	17.690	930	≤ 0 F	≤ 3° F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	4978981	67315	72.4	10.712	930			67.3	49.9	27.6		93									
Wet Bulb	3251614	54462	58.6	8.186	930			16.4	2.5			93									
Dew Point	2284495	44889	48.3	1.261	930			9.4	4.2	.1		93									

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

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GLOBAL CLIMATOLOGY BRANCH
 USAF/TAL
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-70, 73-78 STATION STATION NAME YEARS DCI MONTH

PAGE 1 1800-2000 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																
90/ 89														.1																			1	1			
88/ 87														.2																				2	3		
86/ 85								.2	.1	.1	.2	.2																					5	8			
84/ 83						.1	.6	.1	.1	.2	.4	.2	.1																				18	18			
82/ 81						.2	.2	.3	.2	.8	.2	.2															.1						21	21			
80/ 79					.3	.5	.8	.4	1.0	.6	.4	.1	.3																				42	42			
78/ 77				.6	.8	.4	1.0	.9	.3	.2	.2	.2													.1								42	42			
76/ 75			.1	.5	.8	.6	2.0	.3	1.2	.8	.6	.1	.2																				68	68	4		
74/ 73			.2	.6	.5	1.1	1.3	1.0	.4	.3	.2														.1								54	54	15		
72/ 71			.6	.5	1.1	1.0	1.0	1.0	.6	.5	.2																						61	61	18	8	
70/ 69		.1	1.0	1.2	.5	1.2	.8	1.6	.6	.5	.3	.1																					74	74	31	12	
68/ 67		.8	1.3	.8	1.1	1.6	.6	.3	.5	.2																								67	67	41	25
66/ 65		.6	1.2	.8	1.0	.8	1.0	.9	.5	.1	.2																							65	65	64	17
64/ 63		.5	.6	.9	.6	1.5	1.0	.5	.9	.2																								63	63	76	39
62/ 61	.2	.6	.8	.9	1.4	1.1	.8	.8	.2	.2																								64	64	76	36
60/ 59		.2	.9	.8	1.0	1.1	.5	.8	.2	.1																								51	51	64	21
58/ 57		.3	1.1	.2	1.4	.8	.9	.6																										49	49	75	65
56/ 55		.3	.3	.9	.9	1.0	.6	.3																										40	40	73	27
54/ 53		.1	1.6	.5	1.1	1.2	.4																											46	46	77	47
52/ 51		.2	1.0	.5	1.2	.5	.2																											34	34	54	43
50/ 49		.1	.6	1.3	.3	.1	.1																											24	24	70	66
48/ 47	.3	.2	.1	.5	.3																													14	14	57	52
46/ 45				.2	.2	.1																												5	5	54	67
44/ 43		.9		.1	.1																													10	10	50	59
42/ 41		.2	.1																															3	3	19	42
40/ 39		.3																																3	3	11	38
38/ 37																																				4	51
36/ 35																																				2	51
34/ 33																																					
32/ 31																																					31
30/ 29																																					14
28/ 27																																					12
26/ 25																																					10
24/ 23																																					4
Element (X)	ΣX^2	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																																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAL JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF TX STATION NAME 7-70, 73-78 YEARS MONTH

PAGE 2 1800-2000 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																			
22 / 21																																		4						
TOTAL	.5	4.8	11.0	12.7	14.7	15.1	14.2	10.6	7.1	4.9	3.0	.6	.3	.2	.1			930		930															930					
Element (X)	ΣX^2	ΣX			\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.	3203807	52139			56.1	17.383	93	≤ 0 F	≤ 3° F	≤ 6° F	≤ 7° F	≤ 8° F	≤ 9° F	Total																										
Dry Bulb	4121172	61232			65.8	9.871	93			45.9	25.7	7.4	93																											
Wet Bulb	3009288	52320			56.3	8.470	93			10.9	1.9	93																												
Dew Point	2295010	45054			48.4	10.998	93		7.5	4.5	93																													

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF-TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF MK .7-70,73-78 STATION STATION NAME YEARS MONTH

PAGE 1 2100-2400
 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														
80/ 79				.2		.1		.2										5	5																
78/ 77			.3	.3	.4	.1		.1										12	12																
76/ 75			.4	.6	.9	.5	1.7	.2		.1	.1							43	43																
74/ 73		.1	1.3	.8	.3	1.5	1.0	.4			.1							51	51	7															
72/ 71			.9	.8	.6	1.3	.6	.2										41	41	17	6														
70/ 69		.4	1.1	.9	1.2	1.1	.3		.3	.2								51	51	17	17														
68/ 67		1.1	.4	.5	.9	.6	.6	.6	.4									49	49	33	16														
66/ 65		1.3	1.5	1.4	1.2	1.3	.5	.3		.1								71	71	40	20														
64/ 63	.1	1.6	1.3	1.5	1.2	1.1	1.1											73	73	60	35														
62/ 61	.2	1.4	1.4	1.8	.9	1.6	.8	.1	.1									77	77	74	29														
60/ 59		.8	1.8	1.6	1.0	1.2	.5	.4										68	68	57	50														
58/ 57	.2	1.0	1.4	2.3	.9	.8	.9	.3										71	71	79	57														
56/ 55		.6	1.5	1.4	1.2	1.2	.4	.1										60	60	70	57														
54/ 53		.2	1.7	2.0	1.5	.8	.2	.1										61	61	70	55														
52/ 51		.3	2.0	1.3	.6	.6	.5											51	51	76	58														
50/ 49		.8	.8	2.4	1.8	.6												59	59	57	46														
48/ 47	.3	.2	.6	1.6	.5	.1												32	32	78	59														
46/ 45		.2	.9	.5	.2													17	17	53	73														
44/ 43		1.0	.9	.5	.1													23	23	55	42														
42/ 41		.5	.5	.1														11	11	56	63														
40/ 39		.1																2	2	23	52														
38/ 37				.1														1	1	11	50														
36/ 35			.1															1	1	1	52														
34/ 33																				1	24														
32/ 31																				2	20														
30/ 29																					10														
28/ 27																					15														
26/ 25																					8														
24/ 23																					4														
TOTAL	.9	11.0	20.9	22.8	15.4	14.5	9.2	3.2	.9	.4	.2								930	930	930	430													
Element (X)	Σx²		Σx		x̄		s²		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	4290461		61451		66.1		15.735		930		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																		
Dry Bulb	3470025		56263		60.5		15.999		930				75.2	11.1	.1			93																	
Wet Bulb	2786705		50279		54.1		10.584		930				.7	7.5	.1			93																	
Dew Point	2284726		45014		48.4		10.679		930				6.3	3.9				93																	

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF-TAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

13945
 STATION

FT SILL AAF OK
 STATION NAME

7-70, 73-78
 YEARS

PICT
 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			
92/ 91												.1	.0	.0	.0			8	8					
90/ 89							.0	.0	.0	.0	.0	.1	.1	.0	.0			31	31					
88/ 87						.0	.1	.1	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	70	70				
86/ 85						.1	.2	.2	.1	.2	.2	.1	.1	.0	.0	.0		.0	89	89				
84/ 83					.1	.2	.1	.1	.2	.2	.2	.1	.1	.1	.0	.0			117	117				
82/ 81					.1	.3	.3	.3	.3	.3	.3	.2	.1	.1	.0	.0			163	163				
80/ 79			.0	.1	.2	.2	.4	.3	.3	.3	.2	.2	.0	.1	.0	.0			188	188				
78/ 77			.1	.3	.3	.3	.5	.5	.5	.3	.2	.1	.0	.1				232	232	6				
76/ 75			.2	.3	.6	.5	1.1	.4	.3	.4	.3	.1	.1	.0				321	321	35				
74/ 73		.1	.5	.4	.4	.8	.5	.4	.4	.2	.2	.2	.0	.0				307	307	66	7			
72/ 71		.2	.7	.7	.8	.6	.5	.3	.4	.3	.2	.1	.0					369	369	138	55			
70/ 69	.0	.4	1.1	.9	.9	.6	.5	.4	.4	.3	.3	.0						445	445	149	92			
68/ 67	.0	.6	.8	.8	.7	.6	.6	.5	.3	.2	.1	.0						389	389	350	160			
66/ 65	.1	1.0	1.2	1.2	.7	.7	.6	.5	.3	.3	.1							506	506	402	202			
64/ 63	.1	1.0	.9	1.1	.6	.6	.8	.3	.3	.1	.1							450	450	510	256			
62/ 61	.2	1.4	1.1	1.2	.8	.8	.6	.5	.2	.0								500	500	524	307			
60/ 59	.1	1.1	1.4	.9	.7	.8	.5	.2	.1	.0								435	435	515	396			
58/ 57	.2	1.3	1.6	1.0	.9	.8	.5	.2										495	495	525	454			
56/ 55	.1	1.0	1.5	1.1	.8	.7	.2	.1										416	416	546	535			
54/ 53	.1	.6	1.5	1.3	1.1	.5	.2	.1										401	401	555	420			
52/ 51	.1	.5	1.5	1.1	.8	.4	.2	.0										336	336	541	401			
50/ 49		.4	1.1	1.5	.7	.3	.1											307	307	474	429			
48/ 47	.2	.6	1.1	1.0	.4	.1												251	251	499	387			
46/ 45	.1	.7	.8	.8	.2	.0												202	202	429	467			
44/ 43	.0	.8	.8	.4	.2													161	161	408	385			
42/ 41		.6	1.0	.3														141	141	269	456			
40/ 39		.3	.4	.1														62	62	213	423			
38/ 37		.2	.2	.1														34	34	128	395			
36/ 35		.0	.0															5	5	70	367			
34/ 33			.1															4	4	8	65			
32/ 31			.0															3	3	5	20			
30/ 29		.0																1	1	4	131			
28/ 27																				3	106			
26/ 25																					71			
Element (X)	Σx ²		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.											≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/ATL
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL A.F. MK STATION NAME 7-73, 73-78 YEARS 17C1 MONTH

PAGE 2 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
24/ 23																					28
22/ 21																					10
20/ 19																					2
TOTAL	1.3	12.9	19.8	16.6	12.1	9.9	8.7	5.5	4.5	3.5	2.5	1.5	.7	.4	.1	.1	.0		7439		7439
																		7439		7439	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	32184335	467931	62.9	19.229	7439							
Dry Bulb	30093700	465580	62.6	11.330	7439		.4	272.9	152.6	57.0		44
Wet Bulb	22927704	407444	54.8	9.067	7439		1.2	73.4	10.7			44
Dew Point	18265219	359505	48.3	10.947	7439		57.4	32.0	.7			44

USAF/ATC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK

67-70, 73-78

PLIV

STATION STATION NAME

YEARS

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
70/ 69			.4															4	4		
68/ 67			.2		.3	.1												6	6		
66/ 65	.1	.3	.7	1.1	.2	.4												26	26	5	1
64/ 63	.1	.3	.9			.1	.1											14	14	8	5
62/ 61		.6	.6	.9	.2	.1												21	21	11	9
60/ 59		1.2	.7	.4	.2	.1	.1											25	25	24	5
58/ 57		1.1	1.2	.3	.4	.2	.2											37	32	24	26
56/ 55	.4	1.6	.7	1.9	.8	.1												49	49	42	32
54/ 53	.2	1.6	.6	1.8	.7			.1										44	44	18	21
52/ 51		2.2	1.7	2.0	.7	.1			.1									61	61	39	35
50/ 49	.1	.9	2.2	2.0	.4	.6			.1									57	57	41	31
48/ 47	.1	1.7	2.2	3.1	1.0	.1	.1											75	75	60	24
46/ 45		1.1	2.3	2.6	.7	.6	.3											68	68	57	23
44/ 43		2.6	3.7	2.6	1.3	.1												92	92	62	46
42/ 41		2.3	3.3	2.8	.6	.1												82	82	78	48
40/ 39		1.3	3.0	.7	.6													50	50	22	65
38/ 37	.3	1.1	1.3	1.1	.9	.3												46	46	75	73
36/ 35		1.0	2.2	1.6	.2													45	45	67	58
34/ 33		1.3	1.3	1.2	.1													36	36	51	58
32/ 31		.7	1.0	.3	.1													19	19	39	55
30/ 29		.7	1.0	.4	.3													22	22	41	47
28/ 27		.1	.9	.3														12	12	23	46
26/ 25		.1	.3															4	4	15	36
24/ 23		.1	.2															3	3	11	18
22/ 21		.1	.1															2	2	6	20
20/ 19		.2	.2															4	4	3	35
18/ 17		.1																1	1	3	18
16/ 15																				3	10
14/ 13																					9
12/ 11																					2
10/ 9																					8
8/ 7																					5
6/ 5																					5
4/ 3																					4
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						$\leq 0^\circ F$	$\leq 3^\circ F$	$\leq 6^\circ F$	$\leq 7^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAF/TAC FORM 0-26-3 (OL A) REVISIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 94321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK
 STATION STATION NAME

7-71, 73-78
 YEARS

NOV
 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															
70/ 69			.2															2	2																	
68/ 67		.1	.6															6	6																	
66/ 65		.1	.6	.2	.1													9	9	4	3															
64/ 63		.8	.2	.6	.1													15	15	7	3															
62/ 61		.7	.5	.1	.2				.1									15	15	11	9															
60/ 59		.9	.4				.1											13	13	12	11															
58/ 57		1.4	.7	.2	.1	.2	.1											25	25	24	11															
56/ 55	.6	2.0	1.6	.1	.4	.1												43	43	22	29															
54/ 53	.4	1.4	.8	1.1	.4	.2												40	40	30	24															
52/ 51	.7	2.0	1.7	1.3	1.3													63	63	36	29															
50/ 49	.3	2.6	1.6	2.2	.2	.2												64	64	54	39															
48/ 47		.8	1.6	1.8	.3	.1		.2										43	43	55	24															
46/ 45	.2	2.6	2.8	2.3	.7	.1	.1											79	79	48	24															
44/ 43		2.8	2.3	1.6	.6	.1												66	66	73	31															
42/ 41		2.8	3.8	2.2	.8	.1												87	87	53	44															
40/ 39	.2	1.6	3.9	2.0	.2													71	71	63	58															
38/ 37	.3	3.6	2.7	1.6	.1	.3												77	77	60	76															
36/ 35		1.9	1.3	1.1	.4													43	43	106	54															
34/ 33		1.3	1.8	1.3														40	40	55	61															
32/ 31		1.7	2.1	.6														39	39	37	74															
30/ 29		.8	1.0	.3	.4													23	23	49	46															
28/ 27		1.0	.6															14	14	38	56															
26/ 25		.6	.3															8	8	19	50															
24/ 23			.2															2	2	12	19															
22/ 21		.3	.6															8	8	5	33															
20/ 19			.3															3	3	6	33															
18/ 17		.2																2	2	4	15															
16/ 15																				5	7															
14/ 13																					7															
12/ 11																					10															
10/ 9																					3															
8/ 7																					9															
6/ 5																					4															
4/ 3																					4															
Element (X)	Σx^2	Σx	\bar{x}	s_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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF MK

7-70, 73-78

MOY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0100

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															
70/ 69			.2															7	2																	
68/ 67		.2	.7															8	8																	
66/ 65		.2	.2		.1													5	5	7	3															
64/ 63		.4	.3	.1	.2													10	10	7	6															
62/ 61		1.1	.4	.2														16	16	9	6															
60/ 59	.1	1.4	.4	.1														19	19	15	11															
58/ 57		1.4	.4	.2														19	19	23	20															
56/ 55	.6	1.2	1.1	.2	.3	.1	.2											34	34	22	18															
54/ 53	.6	1.2	.6	.8	.2													30	30	21	25															
52/ 51	.6	2.2	1.3	1.4	.3													53	53	34	21															
50/ 49	.7	2.8	1.9	2.1	.2													69	69	39	42															
48/ 47	.1	1.6	1.3	1.2	.3	.2												43	43	46	25															
46/ 45	.8	2.4	2.2	1.6	.7													69	69	57	34															
44/ 43		3.1	3.8	1.8	.7	.2												86	86	65	30															
42/ 41		2.3	2.4	2.4	.4	.1												70	70	56	40															
40/ 39	.1	3.1	2.4	1.6	.2													67	67	77	50															
38/ 37	.6	3.1	3.3	1.7	.1	.1												80	80	57	61															
36/ 35	.1	2.4	3.0	.6	.1													56	56	68	59															
34/ 33		1.3	2.3	.9	.1													42	42	84	56															
32/ 31		2.3	1.6	.8	.3													45	45	39	63															
30/ 29		1.2	1.7	.1	.6													32	32	52	61															
28/ 27		1.0	.6															14	14	33	52															
26/ 25		.6	.6															10	10	31	55															
24/ 23		.3	.4	.1														8	8	13	27															
22/ 21		.1	.3															4	4	11	38															
20/ 19		.1	.3															4	4	5	26															
18/ 17		.3																3	3	6	18															
16/ 15		.2																2	2	3	9															
14/ 13																				?	6															
12/ 11																					8															
10/ 9																					5															
8/ 7																					7															
6/ 5																					9															
4/ 3																					3															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs	Mean No. of Hours with Temperature																														
Rel. Hum						≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

0477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/FMAC

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK STATION NAME YEARS 7-70, 73-78 MONTH NOV
 PAGE 2 0600-0900 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	4.1	38.0	74.0	17.9	5.0	.8	.2											900	900	900	900			
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	5242778	67432	74.9	14.556	900	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90												
Dry Bulb	1754891	38791	43.1	9.606	900		12.2	1.0				90												
Wet Bulb	1519949	35907	39.9	9.859	900		19.5	.3				90												
Dew Point	1257570	31780	35.3	12.272	900		38.7					90												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

67-70, 73-76

NDV

STATION

STATION NAME

YEARS

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	17-19	19-20	21-22	23-24	25-26	27-28	29-30	> 31	O.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75							.1											1	1		
74/ 73				.1	.1			.1										3	3		
72/ 71			.1	.1	.1	.2	.1	.1	.1									8	8		
70/ 69		.3	.3	.1	.1	.2	.1	.1	.1									13	13	1	
68/ 67			.3	.6	.3	.4												15	15	5	2
66/ 65		.3	.4	1.0	.1	.2	.2	.2										23	23	5	3
64/ 63		.8	.9	.6	.2	.2	.6	.1										30	30	10	7
62/ 61		1.1	1.0	.8	.4	1.1	.1	.2	.1	.1								45	45	24	9
60/ 59	.2	1.0	1.6	.4	.7	.7	.2	.2	.3									48	48	32	22
58/ 57	.2	1.1	1.2	.7	1.2	1.1	.9	.2	.1									61	61	36	26
56/ 55	.3	.8	.3	1.4	1.3	.9	.7	.3	.1									56	56	40	24
54/ 53	.1	1.2	.6	1.3	1.4	1.2	.9	.2										63	63	40	32
52/ 51	.7	1.1	1.0	1.2	2.1	1.1	.3	.2										70	70	42	37
50/ 49	.3	.8	1.2	1.4	1.8	.9	.1	.3										62	62	51	31
48/ 47	.2	1.2	.8	1.9	2.1	.6	.6											66	66	64	27
46/ 45	.2	1.4	1.6	2.6	1.0	.6	.3											69	69	68	39
44/ 43		1.1	2.3	2.0	1.6	.4	.1											68	68	76	38
42/ 41		.3	1.6	1.7	.9	.4												46	44	76	43
40/ 39	.2	1.0	1.1	1.1	.9	.4												43	43	75	53
38/ 37	.1	.9	.7	1.3	.3	.2												32	32	69	60
36/ 35		.8	.7	.4	.6	.2												24	24	49	51
34/ 33		.4	.4	.6	.4	.1												18	18	41	64
32/ 31		.2	.4	.1	.2													9	9	27	66
30/ 29			.4	.4	.2													10	10	18	55
28/ 27		.3	.6	.3														11	11	14	40
26/ 25			.3															3	3	17	34
24/ 23			.1															1	1	9	25
22/ 21		.1	.3															4	4	6	24
20/ 19																				1	24
18/ 17																				2	7
16/ 15																					11
14/ 13																					16
12/ 11																					7
10/ 9																					8
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 3° F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATE LOGIC BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
 STATION

FT SILL AAF OK
 STATION NAME

7-70, 73-78
 YEARS

July
 MONTH

PAGE 2 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
8/ 7																					5
6/ 5																					7
4/ 3																					2
2/ 1																					1
TOTAL	2.7	10.4	70.3	22.1	17.9	11.1	5.9	2.3	.8	.4							900	900	900	900	

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3944999	57253	63.6	16.355	900							
Dry Bulb	2334565	44951	49.9	9.976	900		3.8	4.0	.4			90
Wet Bulb	1841730	39762	44.2	9.726	900		9.6	.6				70
Dew Point	1387290	33384	37.1	7.873	900		33.2	.2				90

USAFETAC FORM 0-26-3 (OL A1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SUMMARY

13945
 STATION

FT SILL AAF OK
 STATION NAME

7-70, 73-78
 YEARS

NOV
 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
84/ 83															.1		1	1		
82/ 81																	1	1		
80/ 79									.1	.3			.2	.1			9	9		
78/ 77							.1	.3	.1	.6	.2	.3	.2				17	17		
76/ 75				.1	.2	.1	.3	.1	.4	.2	.1						15	15		
74/ 73				.3	.1	1.0	.2	.6	.2	.4	.4	.1					31	31		
72/ 71				.4	.8	.9	.9	.9	.2	.2	.2	.1					42	42		
70/ 69			.2	.1	1.0	.2	1.2	.7	.2	.4	.1						38	38	1	
68/ 67		.1		.6	1.0	.4	1.1	.9	.6	.4	.3	.1					50	50	9	
66/ 65		.1	.2	1.0	.9	.6	1.8	.7	1.7	.7	.2						70	70	19 4	
64/ 63		.1	.4	.4	.9	.7	1.7	.8	.8	.2	.2						56	56	23 7	
62/ 61		.2	.3	.2	.9	.4	1.2	1.3	1.1	.3	.2						57	57	38 9	
60/ 59		.6	.1	.1	.8	1.0	1.6	1.1	.4	.1	.1						53	53	50 18	
58/ 57			.3	.3	.6	.6	2.0	1.4	.6	.2							54	54	51 28	
56/ 55		.1	.2	.3	.9	1.8	.9	.6	.3								46	46	43 35	
54/ 53	.1	1.2	.7	.4	.8	1.8	1.4	.3	.6								66	66	49 23	
52/ 51	.1	.6	.7	.3	1.3	1.4	.8	.6	.2								54	54	67 33	
50/ 49	.1	1.2	.8	.3	.6	1.0	.6	.7									47	47	73 38	
48/ 47		.7	.1	.6	1.2	.4	.6	.2									34	34	77 40	
46/ 45		.1	.6	.3	1.2	.8	.7	.2									35	35	76 42	
44/ 43		.4	.4	.4	1.1	.4	.4	.2									32	32	60 47	
42/ 41		.4	.8	.3	.1	.4	.6										24	24	57 33	
40/ 39		1.0	.6	.1		.7	.1										24	24	45 45	
38/ 37		.9	.1	.1	.1		.2										13	13	49 51	
36/ 35		.1	.1	.2		.1											5	5	42 67	
34/ 33			.4	.4		.3											11	11	17 58	
32/ 31			.6	.1	.1												7	7	17 60	
30/ 29			.1	.2	.3												6	6	15 42	
28/ 27				.2													2	2	7 45	
26/ 25																			6 31	
24/ 23																			5 20	
22/ 21																			4 23	
20/ 19																			15	
18/ 17																			12	
Element (X)	ΣX^2	ΣX		\bar{X}	σ_X	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.								≤ 0 F	≤ 3° F	≤ 67 F	≤ 73 F	> 80 F	≤ 93 F							
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

9477 94321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK STATION STATION NAME

7-76, 73-78 YEARS

11V 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
84/ 83										.1	.1				.4		4	4			
82/ 81																	2	2			
80/ 79								.2	.1	.6	.2	.4	.3				17	17			
78/ 77						.2	.4	.3	.2	.2	.4						19	19			
76/ 75					.2	.7	.9	.3	.2	.1	.1	.1					24	24			
74/ 73					.3	.7	.1	.8	1.1	.2	.6	.2	.2				36	38			
72/ 71				.1	1.0	1.1	.9	1.2	.8	.7							53	53			
70/ 69			.3	.1	.7	1.0	1.1	.2	.3	.6	.9	.8					54	54			
68/ 67				.1	.6	.4	.6	1.0	.4	.8	.7						41	41	8		
66/ 65				1.1	.3	.3	.8	1.2	1.2	1.0	.3						57	57	26	3	
64/ 63			.3	.2	.3	.3	1.2	1.2	1.8	.9	.2						59	59	27	2	
62/ 61		.1	.4	.1	.2	.3	1.3	1.4	.7	.7	.1	.1					50	50	29	9	
60/ 59		.4	.3	.1	.9	1.1	1.1	1.6	.6	.1	.1						57	57	57	20	
58/ 57			.2	.6	1.2	.8	1.1	1.3	.7		.1						54	54	47	32	
56/ 55	.2	.6	.4	1.0	.6	1.7	1.4	.4	.3	.1	.1						62	62	39	31	
54/ 53		.4	.7	.4	.8	1.3	1.1	.3	.7	.2							54	54	52	20	
52/ 51		.8	.4	.2	.6	.8	.7	.3	.2								38	38	65	32	
50/ 49	.1	.9	.9	.8	1.1	.6	.8	.2									48	48	100	40	
48/ 47		.2	.1	.8	.7	.9	.4	.6	.3								36	36	83	38	
46/ 45		.1	.4	.6	.6	.8	1.1	.4									36	36	65	39	
44/ 43		.4	.2		.3	.2	.9	.1									20	20	64	51	
42/ 41		.9	.1		.4	.1	.3										17	17	20	44	
40/ 39		.2	1.1	.1			.2										15	15	30	31	
38/ 37		.9	.2	.1	.2		.1										14	14	39	20	
36/ 35		.3	.3	.4	.1												11	11	36	66	
34/ 33			.6	.1		.3											9	9	24	60	
32/ 31			.2		.1	.2											5	5	19	68	
30/ 29			.3														3	3	13	32	
28/ 27				.1													1	1	7	46	
26/ 25				.1													1	1	2	37	
24/ 23				.1													1	1	5	19	
22/ 21																			2	24	
20/ 19																			1	19	
18/ 17																			1	10	
Element (X)	ΣX^2		ΣX		\bar{X}	s_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 71 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK STATION NAME

7-70, 73-76 YEARS

NOV MONTH

PAGE 2 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
16/ 15																					11
14/ 13																					12
12/ 11																					9
10/ 9																					8
8/ 7																					7
6/ 5																					6
4/ 3																					3
2/ 1																					3
0/ -1																					7
-8/ -9																					1
TOTAL	.3	6.3	7.8	7.3	11.4	13.9	16.7	13.3	9.7	6.2	3.6	2.2	.6	.4			900	900	900	900	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs	Mean No. of Hours with Temperature										Total					
Rel. Hum.	2363270	42080	47.4	19.427	900	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F				Total						
Dry Bulb	3240249	53019	58.9	11.403	900		1.1	22.2	10.4	1.4				90							
Wet Bulb	2170765	43381	48.2	9.419	900		5.0	.8							90						
Dew Point	1385137	33205	36.9	13.343	900	.8	32.2							90							

USAFETAC FORM JUN 71 0-26-3 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK 7-70, 73-76 RIV
 STATION STATION NAME YEARS MONTH
 PAGE 1 2100-200
 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	.2														3	3																	
70/ 69				.1	.3		.2											10	10																	
68/ 67			.3	.1	.3	.2	.2	.1										12	12	1																
66/ 65	.1	.3	.6	1.0		.4												22	22	2	1															
64/ 63	.1		1.2	.3	.4	.3	.1											23	23	10	6															
62/ 61	.1	.4	.3	.7	.3	.3	.1											21	21	18	3															
60/ 59		.9	1.2	.4	.1	.2	.3	.1										30	30	22	10															
58/ 57		2.3	.9	.3	1.0	.7	.2	.1	.1									51	51	34	31															
56/ 55	.4	.9	1.1	1.4	1.1	.4	.3		.1									53	53	40	39															
54/ 53	.2	1.1	1.4	2.3	1.8	.7		.1										69	69	29	20															
52/ 51		.9	1.7	2.7	1.6	.6	.1	.1										69	68	53	24															
50/ 49		1.1	2.0	2.2	1.4	.6	.3	.1										70	70	23	33															
48/ 47		.9	1.7	3.3	1.6	.6	.2											76	76	70	29															
46/ 45	.1	1.9	2.4	2.8	1.2	.7												82	82	66	34															
44/ 43	.1	1.3	1.3	3.1	1.3	.2	.4											71	71	82	43															
42/ 41		1.3	1.9	1.9	1.0	.2	.1											58	58	76	56															
40/ 39		.2	1.7	.6	.8	.1												30	30	77	61															
38/ 37		1.1	1.1	.9	.7	.4												38	38	74	65															
36/ 35		1.3	1.3	1.0	.3													36	36	53	60															
34/ 33		.3	1.3	1.3	.6													32	32	40	62															
32/ 31		.2	.8	.8	.4													29	20	33	63															
30/ 29		.3	.7	.2	.1													12	12	30	47															
28/ 27		.1	.3	.3														7	7	21	35															
26/ 25																				13	32															
24/ 23				.3														3	3	7	17															
22/ 21			.2															2	2	4	71															
20/ 19			.1															1	1	1	39															
18/ 17																				5	16															
16/ 15																					14															
14/ 13																					11															
12/ 11																					3															
10/ 9																					2															
8/ 7																					3															
6/ 5																					8															
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature																													
Rel. Hum.							$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

FORM 10-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF MK
STATION STATION NAME

7-70, 73-76
YEARS

NOV
MONTH

PAGE 1 ALL
HOURS (L. S. T.)

9477 94321

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 0-26-3 (OL A)
 FCW JUN 71
 USAFETAC

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
84/ 83															.1			5	5		
82/ 81									.0	.0					.0			3	3		
80/ 79							.0	.1	.1	.1	.1	.1	.1					26	26		
78/ 77						.0	.1	.1	.1	.1	.1	.1	.1					36	36		
76/ 75				.0	.1	.1	.2	.1	.1	.0	.0	.0						42	42		
74/ 73				.1	.1	.2	.0	.2	.1	.1	.0	.0	.0					81	81		
72/ 71		.0	.1	.3	.3	.3	.3	.2	.1	.0	.0							121	121		
70/ 69		.0	.3	.1	.4	.2	.4	.1	.1	.2	.1	.1						147	147	2	
68/ 67		.1	.3	.3	.4	.2	.3	.3	.2	.2	.1	.0						169	169	23	2
66/ 65	.0	.2	.4	.8	.3	.4	.4	.3	.4	.2	.1	.0						246	246	73	19
64/ 63	.0	.3	.7	.4	.3	.3	.6	.3	.3	.2	.1	.0						243	243	113	43
62/ 61	.0	.6	.6	.4	.4	.4	.4	.4	.3	.2	.0	.0						271	271	157	60
60/ 59	.0	.9	.8	.3	.4	.6	.5	.4	.2	.0	.0							296	296	232	115
58/ 57	.1	1.0	.7	.4	.8	.7	.7	.5	.2	.0	.0							364	364	281	200
56/ 55	.3	1.0	.8	1.0	.9	.9	.6	.2	.1	.0	.0							414	414	297	238
54/ 53	.2	1.1	.7	1.3	1.0	.9	.5	.2	.2	.0								440	440	274	198
52/ 51	.3	1.3	1.2	1.4	1.3	.7	.3	.2	.1									476	476	364	239
50/ 49	.2	1.4	1.4	1.5	.9	.6	.3	.2	.0									476	476	423	289
48/ 47	.1	1.0	1.1	1.9	1.2	.5	.3	.2	.0									448	448	535	243
46/ 45	.2	1.3	1.7	1.8	.9	.5	.4	.1										484	484	514	271
44/ 43	.0	1.6	1.8	1.7	1.0	.3	.3	.0										478	478	565	331
42/ 41		1.4	1.8	1.5	.6	.3	.2											413	413	535	267
40/ 39	.1	1.1	1.9	.8	.4	.2	.1											328	328	544	416
38/ 37	.2	1.5	1.3	.9	.4	.2	.0											328	328	497	210
36/ 35	.0	1.1	1.2	.8	.3	.1												246	246	452	487
34/ 33		.6	1.1	.8	.2	.1												198	198	353	474
32/ 31		.6	.9	.4	.2	.0												155	155	233	222
30/ 29		.4	.7	.2	.3													114	114	244	394
28/ 27		.3	.4	.2	.0													63	63	158	353
26/ 25		.2	.2	.0														26	26	114	296
24/ 23		.1	.1	.1														21	21	68	166
22/ 21		.1	.2	.0														22	22	39	215
20/ 19		.0	.1															12	12	26	212
18/ 17		.1																6	6	26	109
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\leq 73 F$	$\geq 80 F$	$\geq 93 F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-70, 73-78
 STATION STATION NAME YEARS MONTH ALL
 PAGE 2 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	12-14	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
16/ 15		.0																2	2	11	93
14/ 13																				2	79
12/ 11																					63
10/ 9																					42
8/ 7																					44
6/ 5																					50
4/ 3																					20
2/ 1																					15
0/ -1																					17
-2/ -3																					1
-8/ -9																					1
TOTAL	1.7	19.1	22.1	19.2	12.9	8.8	6.8	4.0	2.0	1.3	.8	.4	.1	.6	.1				7200		7200
																		7700			7200

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	31253138	453138	62.9	19.490	7200							
Dry Bulb	18964790	360092	50.0	11.521	7200		42.1	61.0	19.0	1.9		170
Wet Bulb	14568368	315740	43.9	10.017	7200		91.0	3.0				120
Dew Point	10754975	202947	30.5	12.650	7200	1.9	269.8	.2				120

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OR STATION NAME

7-70, 73-78 YEARS

JUL 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
66/ 65				.1													1	1		
64/ 63		.3	.1	.2													6	6	3	1
62/ 61			.3	.2													5	5		2
60/ 59		.6	.2	.1													9	9	4	
58/ 57		.4	.5	.2			.1										12	12	13	4
56/ 55		.1	.3			.4	.1										9	9	8	13
54/ 53		.6	.1				.1										8	8	6	7
52/ 51	.3	.3			.3	.5	.2										16	16	11	10
50/ 49	.3	.3	.5	.8	.9	.5											31	31	7	10
48/ 47		1.1	.8	.8	.2	.4		.1									31	31	6	6
46/ 45		1.5	1.2	1.2	1.8	.6	.3	.1									63	63	23	10
44/ 43		1.8	1.5	2.0	1.0	.6											65	65	41	20
42/ 41	.1	2.5	1.2	2.2	1.6												70	70	47	17
40/ 39	.2	1.7	2.0	3.1	2.2	.4											90	90	64	32
38/ 37	.4	1.5	3.4	3.9	1.1	.1											97	97	71	30
36/ 35	.5	2.5	4.2	3.3	.3	.2											103	103	60	38
34/ 33	.3	2.8	3.5	2.3	.2												85	85	128	41
32/ 31		.9	2.8	2.6	.3												61	61	151	68
30/ 29		1.4	2.7	1.0	.2												49	49	91	57
28/ 27		1.3	2.5	1.0													44	44	53	72
26/ 25		1.1	1.6	.3													28	28	64	51
24/ 23		.3	.8	.2													12	12	44	78
22/ 21		.3	1.1														13	13	26	52
20/ 19		.5	.5														10	10	10	61
18/ 17		.1	.1														2	2	13	66
16/ 15	.2	.1	.2														5	5	7	40
14/ 13		.1															1	1	2	28
12/ 11		.1	.1														2	2	3	26
10/ 9			.2														2	2	1	19
8/ 7																			3	8
6/ 5																				3
4/ 3																				12
2/ 1																				7
0/ -1																				2
Element (X)	Σ x ²		Σ x		Σ	Σ x	No. Obs.	Mean No. of Hours with Temperature					Total							
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-10, 73-76 9EC
STATION STATION NAME YEARS MONTH

PAGE 2 0000-0000
HOURS (L. S. T.)

9.477-4.4321

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															
-14/-15																							1													
-16/-17																							2													
TOTAL	2.5	24.4	32.6	25.4	10.1	4.0	.9	.2										930	930			130														

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4240891	60879	65.5	6.5	930							
Dry Bulb	1406629	35237	37.9	8.75	930		22.9					93
Wet Bulb	1127943	31393	33.8	8.571	930		41.6					93
Dew Point	780428	24762	26.6	1.418	930	.5	68.9					93

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-73-78

REC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0200
 HOURS (L. S. T.)

9477 54321

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															
06/ 05		.2																													7	2			
04/ 03		.1	.2	.1																											4	4	3	3	
02/ 01		.1	.2																											3	3				
00/ 59		.3	.1																											4	4	3			
58/ 57		.5	.1	.3																										9	9	6	3		
56/ 55		.6	.2				.1																							0	9	7	9		
54/ 53		.4	.3			.2		.1																						10	10	10	5		
52/ 51	.2	.4	.1	.2		.1	.2	.3		.1																				16	10	10	11		
50/ 49	.4	.6	.3	.1	.1	.2	.2	.1																						20	20	9	13		
48/ 47		1.0	.5	.5	.6	.2	.2		.1																					29	29	11	10		
46/ 45	.6	1.1	1.4	1.4	.3	.2																								47	47	21	13		
44/ 43		1.7	.6	1.2	.9	.1	.1																							43	43	23	5		
42/ 41	.4	1.8	1.0	1.8	1.0	.1																								57	57	53	26		
40/ 39	.4	2.2	2.7	1.3	1.2	.1																								73	73	46	30		
38/ 37	.2	2.7	2.6	2.4	.6																									79	79	47	18		
36/ 35	.2	3.4	4.3	2.6	.4																									102	102	68	43		
34/ 33	.6	1.9	4.8	1.0	.2																									80	80	82	37		
32/ 31		3.3	5.8	1.8	.3																									105	105	105	60		
30/ 29	.1	2.4	3.9	1.0																										69	68	113	58		
28/ 27		2.3	2.9	.6																										54	54	73	64		
26/ 25		2.4	2.5	.3																										48	48	73	83		
24/ 23		.9	.5	.1																										14	14	54	66		
22/ 21		.6	1.3																											18	18	36	77		
20/ 19		1.2	.2																											13	13	15	71		
18/ 17		.4	.3																											7	7	20	64		
16/ 15		.2	.5																											7	7	4	37		
14/ 13	.1	.1																												2	2	9	30		
12/ 11	.1																													1	1	3	37		
10/ 9			.3																											3	3		22		
8/ 7		.3																												3	3		6		
6/ 5																																		3	
4/ 3																																		3	
2/ 1																																		9	
0/ -1																																		1	
Element (X)	Σx ²	Σx	\bar{x}	s _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																																			

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-70, 73-78 DEC
 STATION STATION NAME YEARS MONTH

PAGE 1 0300-0200
 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/-3																					5
-14/-15																					3
TOTAL	3.0	33.3	37.8	16.8	6.0	1.3	1.0	.1	.1									930	930	930	130

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4613224	63832	68.6	15.8	93	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1274284	33394	35.9	6.9	93		34.3					93
Wet Bulb	1050038	30154	32.4	6.8	93		51.1					93
Dew Point	750945	24189	26.0	1.4	93	.9	70.4					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9/77 94321

GLOBAL CLIMATOLOGY BRANCH
 USAF-TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
 STATION

FT SILI AAF OK
 STATION NAME

7-73, 73-78
 YEARS

DEC
 MONTH

PAGE 1

0500-0:00
 HOURS (L. S. T.)

117-54321

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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				
06/ 05		.2																2	2						
64/ 63		.1	.3															4	4	2	2				
62/ 61			.2							.1								3	3	1	1				
60/ 59		.8		.1														8	8	4	2				
58/ 57		.2	.1								.1							4	4	4	7				
56/ 55			.1	.1														2	2	2	5				
54/ 53		1.0		.3				.4	.1									15	15	9	7				
52/ 51	.1	.8	.4	.1					.1									14	14	9	6				
50/ 49	.3	1.1	.8	.2	.1				.1									24	24	11	15				
48/ 47	.3	1.3	.2	.4	.3	.1	.1	.2										28	28	24	7				
46/ 45		1.6	.8	1.5	.1	.3												40	40	21	18				
44/ 43	.2	1.4	1.1	1.1	.1	.1												37	37	24	24				
42/ 41	.3	1.1	1.0	1.1	.6													38	38	32	22				
40/ 39	.3	1.8	1.8	1.5	.1													52	52	40	20				
38/ 37	.4	2.3	2.7	2.3	.4													75	75	46	24				
36/ 35	.4	3.8	2.8	1.9	.3													84	80	67	26				
34/ 33	.1	2.9	5.7	1.6														96	96	88	37				
32/ 31		3.5	4.5	1.5	.3													92	92	74	61				
30/ 29		4.1	4.4	.9														87	87	124	59				
28/ 27	.3	3.4	3.2	.4														69	69	90	50				
26/ 25		2.9	3.1	.3														59	59	73	77				
24/ 23		1.4	1.6															28	28	76	83				
22/ 21		.8	1.7															23	23	34	66				
20/ 19		1.0	.6															15	15	29	71				
18/ 17		1.0																9	9	14	65				
16/ 15		.2	.8															9	9	13	48				
14/ 13	.1		.2															3	3	7	32				
12/ 11		.1																1	1	2	34				
10/ 9		.1	.3															4	4	4	23				
8/ 7		.1																1	1	3	14				
6/ 5		.2																2	2	3	6				
4/ 3																					6				
2/ 1																					6				
0/ -1																					1				
Element (X)	Σ x'		Σ x		x̄		s _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																									

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF CK 7-73-78 DEC
 STATION STATION NAME YEARS MONTH

PAGE 2 0600-0700
 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/-3																																						0		
-4/-5																																						1		
-12/-13																																					1			
-14/-15																																					2			
TOTAL	3.0	39.0	78.5	15.4	2.5	.5	.3	.6		.1																											930	930	930	30
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature											Total																							
Rel. Hum.	4800785	65755	70.7	15.093	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																												
Dry Bulb	1203343	32313	34.7	9.316	930		40.2					93																												
Wet Bulb	1008624	29422	31.6	9.152	930		54.8					93																												
Dew Point	740962	23906	25.7	11.607	930	1.1	71.7					93																												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF-TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
 STATION

FT SILI AAF HK
 STATION NAME

7-70, 73-78
 YEARS

DEC
 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				
70/ 69					.2					.1								3	3						
68/ 67			.1							.1								2	2						
66/ 65		.1	.1	.2														4	4						
64/ 63		.1	.2		.1						.1							5	5						
62/ 61		.3	.2	.1			.3		.2									11	11		3				
60/ 59	.2	.3	.1		.1		.1	.1	.1	.1								12	12		8				
58/ 57		.4	.4	.1	.2		.2	.2	.2									17	17		4				
56/ 55		.5		.2	.9	.3	.6	.1		.1								26	26		7				
54/ 53		.6	.5	.6	.4	.5	.5	.1	.1									33	33	5	10				
52/ 51	.1	1.0	.6	.2	1.1	.4	.2	.2										36	36	15	6				
50/ 49	.4	.6	.4	1.0	1.2	1.2	.5	.1	.1									52	52	20	16				
48/ 47		1.2	.9	1.3	1.0	1.2	.3	.1										55	55	31	10				
46/ 45	.2	1.1	.9	1.6	1.8	1.1	.4											66	66	32	23				
44/ 43		1.1	2.2	2.0	1.4	.6	.1											69	69	60	15				
42/ 41		1.0	1.4	2.9	2.2	.9	.2											76	79	47	27				
40/ 39	.4	1.9	2.2	1.9	2.0	.1												80	80	81	24				
38/ 37	.3	2.0	2.3	3.2	.5													78	79	72	32				
36/ 35	.3	1.1	2.5	2.3	.9	.2												67	67	97	48				
34/ 33	.2	1.3	2.4	1.5	.9													58	58	33	56				
32/ 31		1.0	2.8	1.6	.4													54	54	83	61				
30/ 29		1.0	1.2	1.3														32	32	60	80				
28/ 27		.9	1.1	.6	.1													25	25	62	65				
26/ 25		1.0	1.2	.3														23	23	35	67				
24/ 23		.3	.6	.1														10	10	31	52				
22/ 21		.5	.4															9	9	22	57				
20/ 19		.4	.6	.1														11	11	9	72				
18/ 17		.4	.1															5	5	10	41				
16/ 15			.1	.1														2	2	9	40				
14/ 13			.2															2	2	1	28				
12/ 11			.1															1	1	3	17				
10/ 9		.1																1	1	1	14				
8/ 7		.1																1	1	2	20				
6/ 5																				1	12				
4/ 3																					2				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAF-TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK STATION NAME

7-70, 73-78 YEARS

DEC MONTH

PAGE 2 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/ 1																									1
0/ -1																									2
-2/ -3																									5
-4/ -5																									1
-14/-15																									3
TOTAL	2.3	20.5	25.8	23.5	15.4	6.6	3.7	1.0	.8	.3	.3											929	930	729	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total													
Ref. Hum.	3870060	57470	61.9	14.419	929	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	1644710	38022	40.9	9.855	929		17.6	.5				93													
Wet Bulb	1266624	33254	35.8	9.066	929		32.9					93													
Dew Point	844590	25760	27.7	11.240	929	1.1	64.1					73													

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JAN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/ATC
 AIR-FAITHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK 7-73, 73-78 GFC
 STATION STATION NAME YEARS MONTH

PAGE 1 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																		
78/77															.1																			2	2				
76/75																								.1											1	1			
74/73										.1	.1	.2			.3									.1	.1										9	9			
72/71										.2	.2	.1	.1	.4	.1	.1								.4	.2										9	9			
70/69						.3	.2	.2	.1	.1	.4	.4	.1	.1										.1	.1										16	16			
68/67					.1	.2	.1	.3	.2	.3	.4	.2	.3	.1																					16	16			
66/65			.3	.2	.1	.3		.2	.2	.5	.3																								21	21			
64/63			.5	.4	.3	.6	.3	.9	.6	.3	.4	.1																							37	37		2	
62/61		.1	.1	.3	.3	.3	.8	.4	.6	.3	.2	.1																							35	35	13		
60/59			.2	.5	.2	.5	.1	.8	1.2	.3	.3																								39	39	14	3	
58/57		.2	.6	.2	.3	.3	1.0	1.0	.9	.2	.2																								52	52	9	9	
56/55		.1	.2	1.0	.5	1.2	1.6	1.2	.8	.1																									62	62	13	9	
54/53		.5	.1	.1	.8	1.2	2.3	1.6	.2																										67	63	26	10	
52/51		.6	.2	.4	1.0	1.9	1.6	1.3	.1	.1																									69	68	36	11	
50/49		.8	.4	1.2	1.0	1.5	1.6	.9																											68	68	47	24	
48/47		.1	.3	1.2	.8	1.7	1.9	.4																											60	60	40	12	
67/45		.4	1.1	.9	2.0	1.6	1.0																												65	65	61	23	
47/43		.8	1.5	1.0	1.1	1.4	.8	.1																											61	61	102	12	
42/41		.5	.8	.5	1.5	.6	.2																												37	39	24	28	
40/39	.1	1.1	1.2	1.1	.9	.6																													46	66	26	23	
38/37	.2	.3	.3	.9	.9	1.1	.1																												35	35	89	40	
36/35		.3	.5	1.2	1.4	.2																													34	34	62	62	
34/33	.3		.4	1.0	1.1	.1																													27	27	57	49	
32/31		.4	.1	.2	.6																														13	13	31	20	
30/29		.5	.1	.4																															10	10	37	60	
28/27		.2	.5	.3	.1																														11	11	31	74	
26/25		.6	.2	.4																															12	12	20	75	
24/23		.2	.3	.1	.1																														7	7	16	53	
22/21		.1	.2																																3	3	7	53	
20/19		.6	.1	.1																															8	8	7	61	
18/17																																						9	32
16/15			.1																																1	1	2	31	
14/13																																					2	30	
12/11																																						25	
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total																					
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																							
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

FORM J. N. 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/ATC

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-70, 73-78 11 1200-1400

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

PAGE 2

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																			
10/ 9																																						23		
8/ 7																																						14		
6/ 5																																					7			
4/ 3																																					6			
2/ 1																																					3			
0/ -1																																					4			
-2/ -3																																					1			
-4/ -5																																					1			
-14/-15																																					3			
TOTAL	.6	8.7	10.4	13.5	15.9	15.4	14.3	9.1	5.3	2.9	2.0	1.1	.4	.1	.1																						930	730	930	30
Element (X)		Σx²	Σx	̄x	s _x	No. Obs.	Mean No. of Hours with Temperature							Total																										
Rel. Hum.		2507271	44641	48.0	19.807	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																											
Dry Bulb		2357587	45655	49.1	11.190	930		0.5	2.1	1.6			73																											
Wet Bulb		1577083	37385	40.2	11.940	930		16.0					63																											
Dew Point		874916	26180	28.2	12.185	930	.9	61.2					93																											

9477-11321
 USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

11C

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
78/ 77								.1	.1	.1	.2		.3	.1				2	2		
76/ 75								.1	.1	.1	.2		.3	.1				2	9		
74/ 73							.3	.1	.1	.2	.1	.3						11	11		
72/ 71					.1	.2	.3	.2	.1	.1	.2	.2	.2	.1				17	17		
70/ 69						.2	.3	.1	.2	.6	.5	.4						23	23		
68/ 67				.2	.2	.3	.3	.5	.3	.5	.4	.2						29	29		
66/ 65			.1	.2	.6	.3	.2	.4	.2	.9	.6	.1						35	35		
64/ 63				.1	.4	.2	.4	.1	.4	.5	.1	.2						24	24	4	
62/ 61				.4	.3	.2		.3	1.3	.3	.2	.2						31	31	8	
60/ 59			.2	.2	.5	.2	.9	.6	1.3	.8	.4							48	48	15	3
58/ 57		.3	.1	.2	.5	.3	1.6	1.8	1.4	.3								62	62	15	1
56/ 55		.2	.1	.5	.4	.9	2.2	2.4	1.2									73	73	24	6
54/ 53		.4		.4	.5	.9	2.2	1.2	.8									59	59	27	10
52/ 51		.3	.3	.5	.9	.9	1.2	1.7	.4									58	58	36	26
50/ 49		.3	.1	1.5	1.1	1.5	1.6	2.0	.1									77	77	36	10
48/ 47		.3	.4	.5	.4	1.7	1.1	.9										50	50	62	17
46/ 45		.8	1.1	.9	1.0	1.7	.3	.3										56	56	67	21
44/ 43		.2	.6	.5	.8	1.1	1.0	.2										41	41	105	17
42/ 41		.5	.4	.8	.6	.8	.5											34	34	96	26
40/ 39		.4	1.4	1.1	1.2	.9	.2											48	48	79	20
38/ 37	.1	.8	.2	.5	1.4	.4	.3											35	35	70	45
36/ 35		.6	.4	1.0	.5	.3	.1											28	28	67	42
34/ 33	.2	.9	.4	.3	.3													20	20	57	48
32/ 31	.3	.2		.1	.3													9	9	44	66
30/ 29		.8	.4	.2														13	13	40	60
28/ 27		.3	.2	.6														11	11	18	70
26/ 25			.6	.2	.4													17	12	19	83
24/ 23		.3		.4	.1													8	8	6	50
22/ 21																				12	54
20/ 19		.6		.1														7	7	4	48
18/ 17																				12	35
16/ 15																				1	47
14/ 13																				1	38
12/ 11																					29
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAF/TAC FORM 0-76-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

9477 54321

3 GLOBAL CLIMATE DIVISION
 USAF/TAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK 7-7, 73-7A DEC
 STATION STATION NAME YEARS MONTH

PAGE 2 1500-160
 HOURS L. S. T. I

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			
10/ 9																						16		
8/ 7																						13		
6/ 5																						1		
4/ 3																						4		
2/ 1																						6		
0/ -1																						1		
-2/ -3																						6		
-4/ -5																						1		
-12/-13																						1		
-14/-15																						3		
-20/-21																						1		
TOTAL	8.6	8.4	7.3	11.7	12.8	13.0	15.1	13.1	8.0	4.3	3.1	1.0	0.9	0.2								930		
																		930	930			30		
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel Hum	2250979	41835	45.07	1.147	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	2521672	47192	50.77	1.690	930		6.0	9.1	2.2			93												
Wet Bulb	1625921	37989	40.87	1.933	930		15.7					93												
Dew Point	855840	25826	27.81	2.217	93	1.3	43.5					93												

USAF/TAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

177-44331

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK (7-7:3-78) 1978
STATION STATION NAME YEARS
PAGE 1 1800-2000
MONTH HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9	10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb		Dew Point		
72/ 71							.1		.1											2	2			
70/ 69							.1													1	1			
68/ 67					.3	.2				.1			.2							8	8			
66/ 65				.3	.1	.3	.1	.1												6	9			
64/ 63	.1		.2	.2	.2			.1		.1			.1	.1						9	9			
62/ 61	.2	.2	.5	.3	.2	.2			.5	.4										23	23	3		
60/ 59		.2	.3	.1	.1	.1	.4	.5	.1											17	17	3		
58/ 57	.8	.1	.4	.2	.2	.5	.5	.2					.1							29	29	10		
56/ 55	.1	.4	.1	.5	.3	.4	.4	.4	.1	.1										28	28	17		
54/ 53	.4	.1	.5	.4	.8	1.4	.6													40	40	11		
52/ 51	.4	.6	.4	1.1	2.4	1.4	.3													62	62	16		
50/ 49	.1	1.0	1.1	1.7	1.7	1.8	.1	.1												71	71	19		
48/ 47	.4	.9	1.0	2.2	2.0	.9	.1													69	69	34		
46/ 45	1.4	.8	1.8	2.9	2.4	1.4														99	99	40		
44/ 43	.8	2.3	1.7	1.9	1.7		.2													80	80	69		
42/ 41	1.1	1.1	1.5	2.6	1.0	.1														68	68	80		
40/ 39	.9	1.5	1.7	2.0	.2	.1														60	60	111		
38/ 37	1.6	.9	1.6	1.9	.5															61	61	101		
36/ 35	.2	.4	.6	1.6	1.1	.5														42	42	69		
34/ 33	.2	.6	1.2	2.0	.6															44	44	65		
32/ 31	.2	.6	.6	1.6	.5															34	34	46		
30/ 29	.8	.3	1.0	.1																20	20	56		
28/ 27	.4	.2	.5	.1																12	12	44		
26/ 25	.2	.5	.2																	9	9	31		
24/ 23	.6	.2		.1																9	9	19		
22/ 21	.1	.6	.4																	11	11	18		
20/ 19	.4	.1																		5	5	3		
18/ 17	.2		.1																	3	3	10		
16/ 15			.2																	2	2	6		
14/ 13																								
12/ 11																						2		
10/ 9																						1		
8/ 7																								
6/ 5																								
Element (X)	Σx^2	Σx	\bar{x}	s_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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

3

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK STATION NAME

7-73, 73-78 YEARS

JUL MONTH

PAGE 2 1800-2000 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/ 3																						9	
2/ 1																						4	
0/ -1																						2	
-2/ -3																						2	
-10/-11																						1	
-12/-13																						1	
-14/-15																						1	
-18/-19																						1	
-20/-21																						2	
TOTAL	.6	2.8	4.6	21.1	21.3	14.9	8.7	3.7	1.5	.1	.5	.1								927	927	927	
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	3046079	50323	54.3	14.422	927	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	1897618	40950	44.2	9.785	927		10.5	1.1				93											
Wet Bulb	1365469	34683	37.4	6.559	927		23.7					93											
Dew Point	820905	25331	27.3	1.790	927	1.0	64.0					93											

USAF/TAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK
 STATION STATION NAME

7-70, 73-78
 YEARS

JUL
 MONTH

PAGE 1 2100-2,00
 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			
66/ 65				.3														3	3					
64/ 63				.3	.2													5	5					
62/ 61	.1	.2	.3	.2														8	8	2	1			
60/ 59			.6	.3	.1		.1	.1										12	12	4	2			
58/ 57		.9	.5		.1	.3	.2											19	19	11	4			
56/ 55			.3	.1	.1	.2	.1	.2		.1								11	11	16	13			
54/ 53		.4	.2	.2	.1	.4	.2											15	15	9	8			
52/ 51	.1	.2	.3	.6	.8	.4	.3		.1									27	27	6	12			
50/ 49		.8	.9	.4	.6	.9	.1		.1									35	35	7	7			
48/ 47		.5	1.2	1.5	1.5	.6	.3											53	53	20	7			
46/ 45	.2	1.6	1.3	2.9	2.5	1.4	.3											95	95	25	8			
44/ 43	.1	1.3	1.1	1.2	2.9	1.1												71	71	45	17			
42/ 41		2.1	1.4	2.2	2.3	.6	.1											80	80	59	34			
40/ 39		1.4	2.7	3.6	1.3	.4												87	87	82	23			
38/ 37		1.9	2.5	4.3	1.2	.1												94	93	66	30			
36/ 35	.1	1.5	1.9	3.3	.5	.1												70	70	109	33			
34/ 33	.3	1.5	2.1	2.3	.6													63	63	101	69			
32/ 31		.1	2.3	2.3	.1													44	45	92	62			
30/ 29	.2	.6	1.0	1.8	.2													36	36	65	57			
28/ 27		.3	1.9	1.4														34	34	49	70			
26/ 25	.1	.8	1.0	.4														21	21	48	72			
24/ 23		.5	.8															12	12	37	64			
22/ 21		.2	.5															7	7	22	62			
20/ 19	.1	.5	.8	.3														16	16	14	66			
18/ 17		.4	.1															5	5	11	49			
16/ 15		.1																1	1	8	20			
14/ 13			.2															2	2	4	15			
12/ 11			.1															1	1		28			
10/ 9																				2	16			
8/ 7																				1	19			
6/ 5																					9			
4/ 3																					0			
2/ 1																					4			
0/ -1																					3			
Element (X)	ΣX^2	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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 5-6321

3

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK STATION NAME

7-73, 73-76 YEARS

DLG MONTH

PAGE 2 2100-2,00 HOURS (L. S. T.)

9477 5/3/21

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/-7																					1
-8/-9																					2
-14/-15																					1
-16/-17																					2
TOTAL	1.4	18.0	26.0	30.1	15.2	6.7	1.8	.3	.2	.1								926	927	420	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3779462	57052	61.6	16.9	926							93
Dry Bulb	1546431	36913	39.8	9.0	927		18.1					93
Wet Bulb	1198352	32336	34.9	11.6	926		25.5					93
Dew Point	792626	24868	26.9	11.0	926	.9	66.1					93

USAETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF, PAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
 STATION

FT SILI AAF OK
 STATION NAME

67-70, 73-78
 YEARS

DEC
 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														
78/ 77								.0		.0								4	4																
76/ 75								.0	.0	.0	.0	.0	.0	.0				10	10																
74/ 73						.0	.1	.0	.1	.0	.0	.0	.1	.0				20	20																
72/ 71					.0	.0	.1	.0	.0	.0	.0	.1	.1	.0				28	28																
70/ 69					.1	.1	.1	.0	.0	.1	.1	.1	.1	.0				43	43																
68/ 67			.0	.0	.1	.1	.0	.1	.1	.1	.1	.1	.0					55	55																
66/ 65		.1	.1	.2	.1	.1	.0	.1	.1	.2	.1	.0						77	77																
64/ 63		.1	.2	.1	.2	.1	.2	.0	.1	.1	.1	.1						94	94	17	6														
62/ 61	.0	.1	.2	.2	.1	.1	.1	.2	.3	.1	.1	.0						119	119	29	7														
60/ 59	.0	.3	.2	.2	.1	.1	.2	.3	.3	.1	.1	.0						149	149	64	21														
58/ 57		.5	.3	.2	.2	.1	.5	.5	.3	.1	.0							204	204	76	32														
56/ 55		.2	.2	.3	.3	.4	.6	.5	.3	.1	.0							220	220	101	79														
54/ 53		.6	.2	.3	.3	.5	.9	.5	.1									243	243	99	57														
52/ 51	.1	.5	.3	.3	.6	.8	.7	.5	.1	.0								297	297	141	98														
50/ 49	.2	.6	.6	.8	.8	.9	.7	.4	.1									378	378	157	105														
48/ 47	.0	.7	.6	.9	.9	1.0	.6	.2										375	375	228	83														
46/ 45	.1	1.2	1.0	1.5	1.6	1.2	.5	.1										531	531	290	125														
44/ 43	.0	1.1	1.4	1.3	1.3	.8	.2	.1										467	467	471	126														
42/ 41	.1	1.3	1.0	1.6	1.5	.5	.1											465	465	508	114														
40/ 39	.2	1.4	1.9	1.9	1.4	.3	.0											536	536	599	198														
38/ 37	.2	1.6	1.9	2.4	1.0	.3	.1											553	554	611	247														
36/ 35	.2	1.7	2.2	2.2	.7	.2	.0											532	532	647	349														
34/ 33	.3	1.5	2.6	1.5	.5	.0												473	473	676	391														
32/ 31	.1	1.3	2.4	1.5	.4													412	413	580	498														
30/ 29	.0	1.4	1.7	.9	.1													315	315	506	496														
28/ 27	.0	1.1	1.6	.7	.0													260	260	420	224														
26/ 25	.0	1.1	1.3	.3	.1													212	212	363	225														
24/ 23		.6	.6	.1	.0													100	100	263	399														
22/ 21		.3	.7	.1														84	84	178	475														
20/ 19	.0	.7	.4	.1														85	85	91	10														
18/ 17		.3	.1	.0														31	31	100	399														
16/ 15	.0	.1	.2	.0														27	27	50	34														
14/ 13	.0	.0	.1															10	10	26	243														
12/ 11	.0	.0	.0															6	6	13	19														
Element (X)	Z _X ²	Z _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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF MK STATION NAME

7-70, 73-76 YEARS

ALL MONTH

PAGE 2

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				
10/ 9		.0	.1															10	10	9	153				
8/ 7		.1																5	5	12	104				
6/ 5		.0																2	2	7	45				
4/ 3																					23				
2/ 1																					40				
0/ -1																					16				
-2/ -3																					25				
-4/ -5																					4				
-6/ -7																					1				
-8/ -9																					2				
-10/ -11																					1				
-12/ -13																					3				
-14/ -15																					17				
-16/ -17																					4				
-18/ -19																					1				
-20/ -21																					3				
TOTAL	1.8	20.7	24.1	19.7	12.4	7.8	5.7	3.5	2.0	1.0	.8	.3	.2	.0	.0		7432	7434	1432	7432					
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	29176751	441787	59.4	19.607	7432	= C F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	744													
Dry Bulb	13852274	309676	41.7	11.318	7434		156.1	10.0	3.4			144													
Wet Bulb	10220054	266616	35.9	9.392	7432		272.1					144													
Dew Point	6463212	200822	27.0	11.812	7432	7.7	530.0					144													

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-4321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK

57-70, 73-79

ALL MONTH

STATION

STATION NAME

YEARS

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				
112/111																		.0	1	1					
110/109																		.0	7	7					
108/107																		.0	15	15					
106/105																		.0	31	31					
104/103													.0	.0	.0	.0	.0	.0	95	95					
102/101													.0	.1	.1	.1	.0	.0	231	231					
100/99										.0	.0	.1	.1	.1	.0	.0	.0	.0	399	399					
98/97								.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	614	614					
96/95								.0	.1	.2	.3	.2	.2	.1	.0	.0	.0	.0	851	851					
94/93							.0	.1	.3	.4	.3	.1	.1	.0	.0	.0	.0	.0	1155	1155					
92/91						.0	.1	.3	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	1258	1258					
90/89					.0	.1	.3	.5	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	1464	1464					
88/87				.0	.0	.1	.3	.5	.5	.3	.1	.1	.0	.0	.0	.0	.0	.0	1739	1739					
86/85			.0	.0	.3	.6	.5	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	1983	1983					
84/83		.0	.0	.0	.2	.5	.6	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	2243	2243					
82/81		.0	.0	.1	.5	.7	.6	.4	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	2544	2544	14				
80/79		.0	.0	.1	.4	.7	.8	.5	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	2993	2993	131	2			
78/77	.0	.0	.3	.7	1.0	.6	.3	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	3254	3254	678	15			
76/75	.0	.1	.7	.9	1.0	.4	.4	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	3770	3770	2660	150			
74/73		.2	.9	1.0	.5	.5	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	3641	3641	4908	263			
72/71	.0	.5	1.1	.8	.5	.3	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3733	3733	5941	1650			
70/69	.0	.5	1.1	.6	.5	.4	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	3554	3554	5552	4681			
68/67	.0	.4	.9	.5	.4	.3	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	2991	2992	4931	5273			
66/65	.1	.5	.9	.6	.4	.3	.2	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	3226	3226	3992	5774			
64/63	.0	.6	.6	.5	.4	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	2876	2876	3766	4604			
62/61	.1	.7	.7	.5	.4	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	2862	2862	3416	4617			
60/59	.0	.6	.6	.4	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2589	2589	3290	3938			
58/57	.1	.6	.7	.4	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2737	2737	3005	3880			
56/55	.1	.5	.6	.5	.5	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2613	2613	3049	3171			
54/53	.1	.6	.5	.5	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2534	2534	2896	2621			
52/51	.1	.4	.6	.5	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2373	2373	2926	2725			
50/49	.1	.5	.6	.6	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2450	2450	2805	2655			
48/47	.1	.6	.5	.7	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2406	2406	2929	2518			
46/45	.1	.6	.7	.7	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2532	2532	2845	2597			
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM J. N. 71 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK 7-73, 73-74 ALL
 STATION STATION NAME YEARS 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																	
44/ 43	.0	.6	.7	.6	.5	.2	.1	.0																									2369	2369	2990	2413	
42/ 41	.1	.7	.7	.6	.4	.1	.0																										2262	2262	2949	2507	
40/ 39	.1	.7	.7	.6	.3	.1	.0																										2173	2173	2974	2549	
38/ 37	.2	.8	.6	.6	.2	.1	.0																										2135	2136	2959	2709	
36/ 35	.2	.7	.8	.5	.2	.0	.0																										2046	2046	2723	2556	
34/ 33	.2	.6	.8	.4	.1	.0																											1879	1879	2591	2595	
32/ 31	.1	.6	.7	.3	.1	.0																											1594	1595	2120	2005	
30/ 29	.1	.4	.5	.2	.1																												1148	1148	2085	2498	
28/ 27	.2	.4	.4	.1	.0																												1017	1017	1509	2504	
26/ 25	.1	.4	.3	.1	.0																												831	831	1236	2568	
24/ 23	.0	.3	.2	.0	.0																												548	548	1060	1564	
22/ 21	.0	.3	.2	.0																													542	542	763	1773	
20/ 19	.0	.3	.2	.0																													485	485	554	1777	
18/ 17	.0	.2	.1	.0																													263	263	493	1512	
16/ 15	.0	.2	.1	.0																													241	241	340	1072	
14/ 13	.0	.1	.0																														134	134	229	559	
12/ 11	.0	.1	.0																														78	76	136	731	
10/ 9	.0	.0	.0																														59	59	90	578	
8/ 7	.0	.0																															34	35	62	483	
6/ 5		.0																															11	11	28	313	
4/ 3		.0																															9	9	11	246	
2/ 1		.0																															1	1	5	155	
0/ -1																																				80	
-2/ -3	.0																																	1	1	1	87
-4/ -5																																				44	
-6/ -7																																				44	
-8/ -9																																				21	
-10/ -11																																				6	
-12/ -13																																				0	
-14/ -15																																				18	
-16/ -17																																				0	
-18/ -19																																				2	
-20/ -21																																				3	
Element (X)	ΣX^2	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																																					

USAF/TAC FORM JUN 71 0 26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13945 F1 SILL AAF OK

7-70, 73-79

STATION

STATION NAME

YEARS

HRS LST	MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	32.4	38.3	47.5	57.6	64.1	73.0	77.9	76.7	68.5	57.7	46.0	37.9	56.3
	S D	10.724	9.728	10.363	8.623	7.241	6.133	5.209	4.585	7.301	8.887	9.591	8.775	17.376
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	30.9	36.1	45.0	55.0	61.8	70.3	74.8	73.8	66.3	55.3	44.1	35.9	54.2
	S D	10.498	9.238	9.863	8.586	7.169	5.847	4.457	4.112	7.221	8.830	9.466	8.996	16.970
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955
06-08	MEAN	30.0	34.7	44.0	54.9	63.0	71.7	75.7	74.1	66.2	54.8	43.1	34.7	54.0
	S D	10.589	9.056	9.730	8.441	7.034	5.931	4.821	4.467	7.131	8.621	9.606	9.316	17.676
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
09-11	MEAN	34.1	40.5	50.8	63.0	70.9	79.9	85.0	83.1	74.2	63.5	49.9	40.9	61.4
	S D	11.325	10.855	11.317	8.437	7.573	7.028	6.757	6.503	8.002	9.083	9.976	9.855	19.293
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	41.0	48.3	58.0	69.1	76.3	85.5	91.2	89.7	80.5	70.7	57.5	49.1	68.2
	S D	13.264	13.413	13.270	8.883	8.482	7.765	7.269	7.093	9.041	10.315	11.146	11.190	19.414
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	930	10955
15-17	MEAN	43.5	51.3	61.0	71.1	78.2	87.4	92.5	91.4	82.1	72.4	58.9	50.7	70.1
	S D	14.013	14.114	13.898	8.933	8.976	7.765	7.742	7.208	9.410	10.712	11.403	11.690	19.384
	TOTAL OBS	930	846	930	900	929	900	930	930	900	930	900	930	10955
18-20	MEAN	38.7	46.7	56.7	66.9	74.1	83.6	88.7	87.1	77.1	65.8	52.5	44.2	65.3
	S D	12.201	12.415	12.674	8.624	8.375	7.375	7.655	6.885	8.745	9.821	10.040	9.785	19.269
	TOTAL OBS	930	843	930	900	930	900	929	930	900	930	900	927	10949
21-23	MEAN	35.0	41.4	51.2	61.0	67.7	77.0	81.9	80.6	71.3	60.5	48.1	39.8	59.7
	S D	11.121	10.445	11.138	8.348	7.466	6.445	6.124	5.503	7.689	8.999	9.490	9.093	17.994
	TOTAL OBS	930	843	930	900	928	900	930	929	900	930	900	927	10947
ALL HOURS	MEAN	35.7	42.2	51.8	62.3	69.5	78.5	83.5	82.1	73.3	62.6	50.0	41.7	61.2
	S D	12.627	12.612	13.020	10.428	9.796	9.187	9.111	8.765	9.983	11.330	11.521	11.318	19.338
	TOTAL OBS	7440	6762	7440	7199	7437	7200	7439	7438	7200	7439	7200	7434	87628

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13945 FT SILL AAF OK

67-76,73-79

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 29.7 S D 10.186 TOTAL OBS 929	MEAN 34.7 S D 8.544 TOTAL OBS 846	MEAN 42.5 S D 9.540 TOTAL OBS 930	MEAN 52.5 S D 8.797 TOTAL OBS 900	MEAN 59.4 S D 7.173 TOTAL OBS 930	MEAN 66.5 S D 4.956 TOTAL OBS 900	MEAN 69.3 S D 3.121 TOTAL OBS 936	MEAN 68.6 S D 3.806 TOTAL OBS 930	MEAN 63.3 S D 6.775 TOTAL OBS 900	MEAN 52.7 S D 8.751 TOTAL OBS 930	MEAN 41.8 S D 9.603 TOTAL OBS 900	MEAN 33.8 S D 8.571 TOTAL OBS 930	MEAN 51.4 S D 15.879 TOTAL OBS 10955
03-05	MEAN 28.6 S D 10.269 TOTAL OBS 930	MEAN 35.2 S D 8.489 TOTAL OBS 846	MEAN 40.9 S D 9.512 TOTAL OBS 930	MEAN 50.9 S D 8.984 TOTAL OBS 900	MEAN 58.2 S D 7.395 TOTAL OBS 930	MEAN 65.4 S D 5.115 TOTAL OBS 900	MEAN 68.3 S D 3.148 TOTAL OBS 930	MEAN 67.7 S D 3.848 TOTAL OBS 930	MEAN 62.1 S D 7.098 TOTAL OBS 900	MEAN 51.2 S D 8.945 TOTAL OBS 929	MEAN 40.5 S D 9.610 TOTAL OBS 900	MEAN 32.4 S D 8.824 TOTAL OBS 930	MEAN 50.0 S D 16.019 TOTAL OBS 10955
05-08	MEAN 27.9 S D 10.330 TOTAL OBS 930	MEAN 32.2 S D 8.537 TOTAL OBS 846	MEAN 40.4 S D 9.520 TOTAL OBS 930	MEAN 50.9 S D 8.963 TOTAL OBS 900	MEAN 58.1 S D 7.335 TOTAL OBS 930	MEAN 66.4 S D 5.252 TOTAL OBS 900	MEAN 69.1 S D 3.255 TOTAL OBS 930	MEAN 68.1 S D 3.913 TOTAL OBS 929	MEAN 62.3 S D 7.197 TOTAL OBS 900	MEAN 51.0 S D 8.952 TOTAL OBS 930	MEAN 39.9 S D 9.859 TOTAL OBS 900	MEAN 31.6 S D 9.152 TOTAL OBS 930	MEAN 50.0 S D 16.599 TOTAL OBS 10955
09-11	MEAN 30.8 S D 10.559 TOTAL OBS 930	MEAN 35.9 S D 9.044 TOTAL OBS 846	MEAN 44.4 S D 9.763 TOTAL OBS 930	MEAN 55.1 S D 8.208 TOTAL OBS 900	MEAN 62.9 S D 7.092 TOTAL OBS 930	MEAN 69.7 S D 5.188 TOTAL OBS 900	MEAN 72.6 S D 3.175 TOTAL OBS 930	MEAN 71.7 S D 3.787 TOTAL OBS 930	MEAN 66.1 S D 6.809 TOTAL OBS 900	MEAN 55.8 S D 8.614 TOTAL OBS 930	MEAN 44.2 S D 9.726 TOTAL OBS 900	MEAN 35.8 S D 9.066 TOTAL OBS 929	MEAN 53.8 S D 16.497 TOTAL OBS 10955
12-14	MEAN 35.0 S D 11.001 TOTAL OBS 930	MEAN 40.3 S D 9.523 TOTAL OBS 846	MEAN 47.9 S D 9.851 TOTAL OBS 930	MEAN 57.6 S D 7.762 TOTAL OBS 899	MEAN 64.7 S D 7.065 TOTAL OBS 930	MEAN 71.0 S D 5.062 TOTAL OBS 900	MEAN 73.1 S D 3.140 TOTAL OBS 930	MEAN 72.7 S D 3.707 TOTAL OBS 930	MEAN 67.8 S D 6.671 TOTAL OBS 900	MEAN 58.5 S D 8.492 TOTAL OBS 930	MEAN 47.8 S D 9.548 TOTAL OBS 900	MEAN 40.2 S D 8.940 TOTAL OBS 930	MEAN 56.5 S D 15.396 TOTAL OBS 10955
15-17	MEAN 35.4 S D 11.043 TOTAL OBS 930	MEAN 41.7 S D 9.424 TOTAL OBS 846	MEAN 48.8 S D 9.436 TOTAL OBS 930	MEAN 58.0 S D 7.549 TOTAL OBS 900	MEAN 64.8 S D 6.950 TOTAL OBS 929	MEAN 71.1 S D 4.764 TOTAL OBS 900	MEAN 72.8 S D 3.021 TOTAL OBS 930	MEAN 72.2 S D 3.513 TOTAL OBS 930	MEAN 67.5 S D 6.362 TOTAL OBS 900	MEAN 58.5 S D 8.186 TOTAL OBS 930	MEAN 48.2 S D 9.419 TOTAL OBS 900	MEAN 40.8 S D 8.933 TOTAL OBS 930	MEAN 56.8 S D 14.843 TOTAL OBS 10955
18-20	MEAN 33.9 S D 10.498 TOTAL OBS 930	MEAN 39.6 S D 9.267 TOTAL OBS 843	MEAN 46.9 S D 9.359 TOTAL OBS 930	MEAN 56.6 S D 7.889 TOTAL OBS 900	MEAN 63.6 S D 6.910 TOTAL OBS 930	MEAN 69.8 S D 4.694 TOTAL OBS 900	MEAN 71.7 S D 2.992 TOTAL OBS 929	MEAN 71.1 S D 3.517 TOTAL OBS 930	MEAN 66.1 S D 6.362 TOTAL OBS 900	MEAN 56.3 S D 8.420 TOTAL OBS 930	MEAN 45.4 S D 9.455 TOTAL OBS 900	MEAN 37.4 S D 8.559 TOTAL OBS 927	MEAN 54.9 S D 15.347 TOTAL OBS 10949
21-23	MEAN 31.5 S D 10.271 TOTAL OBS 930	MEAN 36.8 S D 8.758 TOTAL OBS 843	MEAN 44.5 S D 9.431 TOTAL OBS 930	MEAN 54.3 S D 8.384 TOTAL OBS 900	MEAN 61.3 S D 6.948 TOTAL OBS 927	MEAN 68.1 S D 4.778 TOTAL OBS 900	MEAN 70.3 S D 3.065 TOTAL OBS 930	MEAN 69.8 S D 3.731 TOTAL OBS 929	MEAN 64.4 S D 6.572 TOTAL OBS 900	MEAN 54.1 S D 8.584 TOTAL OBS 930	MEAN 43.1 S D 9.456 TOTAL OBS 900	MEAN 34.9 S D 8.648 TOTAL OBS 926	MEAN 52.8 S D 15.679 TOTAL OBS 10945
ALL HOURS	MEAN 31.7 S D 10.901 TOTAL OBS 7439	MEAN 36.8 S D 9.521 TOTAL OBS 6762	MEAN 44.5 S D 9.998 TOTAL OBS 7440	MEAN 54.5 S D 8.742 TOTAL OBS 7199	MEAN 61.7 S D 7.520 TOTAL OBS 7436	MEAN 68.5 S D 5.388 TOTAL OBS 7200	MEAN 70.9 S D 3.565 TOTAL OBS 7439	MEAN 70.2 S D 4.152 TOTAL OBS 7438	MEAN 65.0 S D 7.054 TOTAL OBS 7200	MEAN 54.8 S D 9.067 TOTAL OBS 7439	MEAN 43.9 S D 10.017 TOTAL OBS 7200	MEAN 35.9 S D 9.392 TOTAL OBS 7432	MEAN 53.3 S D 15.992 TOTAL OBS 87624

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13945 FT SILL AAF OK

67-70, 73-79

STATION

STATION NAME

YEARS

HRS L S *		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	26.7	34.7	42.5	52.5	59.4	66.5	69.3	68.6	63.3	52.7	41.8	33.8	51.3
	S D	10.186	8.544	9.540	8.797	7.173	4.956	3.121	3.806	6.775	8.751	9.603	8.571	15.879
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	900	930	10955
03-05	MEAN	28.6	33.2	40.9	50.4	58.2	65.4	68.3	67.7	62.1	51.2	40.5	32.4	50.0
	S D	10.709	8.489	9.512	8.994	7.395	5.115	3.148	3.848	7.098	8.945	9.610	8.824	16.019
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955
06-08	MEAN	27.9	32.2	40.4	50.9	58.1	66.4	69.1	68.1	62.3	51.0	39.9	31.6	50.0
	S D	10.330	8.537	9.526	8.963	7.335	5.252	3.255	3.913	7.197	8.952	9.859	9.152	16.599
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
09-11	MEAN	30.8	35.9	44.4	55.1	62.9	69.7	72.4	71.7	66.1	55.8	44.2	35.8	53.8
	S D	10.559	9.044	9.763	8.208	7.092	5.188	3.175	3.787	6.809	8.614	9.726	9.066	16.497
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	929	10955
12-14	MEAN	35.0	40.3	47.9	57.6	64.7	71.0	73.1	72.7	67.8	58.5	47.8	40.2	56.5
	S D	11.001	9.523	9.851	7.762	7.065	5.062	3.140	3.707	6.671	8.492	9.548	8.940	15.396
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	930	10955
15-17	MEAN	36.4	41.7	48.8	58.0	64.8	71.1	72.8	72.2	67.5	58.6	48.2	40.8	56.8
	S D	11.043	9.424	9.486	7.549	6.950	4.764	3.021	3.513	6.362	8.186	9.419	8.933	14.843
	TOTAL OBS	930	846	930	900	929	900	930	930	900	930	900	930	10955
18-20	MEAN	33.8	39.6	46.9	56.6	63.6	69.8	71.7	71.1	66.1	56.3	45.4	37.4	54.9
	S D	10.498	9.267	9.359	7.889	6.910	4.694	2.992	3.517	6.362	8.420	9.455	8.559	15.347
	TOTAL OBS	930	843	930	900	930	900	929	930	900	930	900	927	10949
21-23	MEAN	31.5	36.8	44.5	54.3	61.3	68.1	70.3	69.8	64.4	54.1	43.1	34.9	52.8
	S D	10.271	8.758	9.431	8.384	6.948	4.778	3.065	3.731	6.572	8.584	9.456	8.648	15.679
	TOTAL OBS	930	843	930	900	927	900	930	929	900	930	900	926	10945
ALL HOURS	MEAN	31.7	36.8	44.5	54.5	61.7	68.5	70.9	70.2	65.0	54.8	43.9	35.9	53.3
	S D	10.901	9.521	9.998	8.742	7.520	5.388	3.565	4.152	7.054	9.067	10.017	9.392	15.992
	TOTAL OBS	7439	6762	7440	7199	7436	7200	7439	7438	7200	7439	7200	7432	87624

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13945 FT SILL AAF OR 67-70, 73-79

STATION	STATION NAME	YEARS												
HRS. L.S.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	27.9	28.9	30.2	47.7	56.0	62.9	65.0	64.3	59.9	48.1	36.3	26.6	46.4
	S.D.	12.449	10.013	11.814	11.065	8.726	5.741	4.211	5.413	7.778	10.532	12.126	11.418	17.672
	TOTAL OBS.	929	846	930	900	930	900	930	930	900	930	900	930	10955
03-05	MEAN	23.4	28.3	35.5	46.9	55.4	62.6	64.8	64.2	59.4	47.3	35.6	26.0	45.9
	S.D.	12.503	9.906	11.729	11.044	8.743	5.830	4.082	5.246	8.077	10.662	12.042	11.450	17.801
	TOTAL OBS.	930	846	930	900	930	900	930	930	900	929	900	930	10955
06-08	MEAN	22.9	27.6	35.5	46.9	56.1	63.3	65.7	64.9	59.7	47.3	35.3	25.7	46.0
	S.D.	12.447	10.066	11.690	11.103	8.904	6.211	3.932	5.004	8.241	10.708	12.272	11.667	18.231
	TOTAL OBS.	930	846	930	900	930	900	930	929	900	930	900	930	10955
09-11	MEAN	24.4	29.2	37.0	48.1	57.5	64.4	66.7	66.3	61.4	49.4	37.1	27.7	47.5
	S.D.	12.980	10.556	12.213	11.503	9.500	6.529	4.146	4.866	8.267	11.176	12.873	11.940	18.295
	TOTAL OBS.	930	846	930	900	930	900	930	930	900	930	900	929	10955
12-14	MEAN	25.7	30.2	37.5	48.3	57.5	64.1	65.3	65.1	60.8	49.4	37.3	28.2	47.5
	S.D.	13.390	10.819	12.442	11.716	9.783	6.713	4.886	5.545	8.584	11.372	13.204	12.185	17.908
	TOTAL OBS.	930	846	930	899	930	900	930	930	900	930	900	930	10955
15-17	MEAN	25.9	30.3	36.6	47.7	56.7	63.3	64.1	63.7	59.7	48.3	36.9	27.8	46.8
	S.D.	13.315	10.815	12.394	11.908	9.919	6.637	5.060	5.596	8.458	11.261	13.343	12.217	17.578
	TOTAL OBS.	930	846	930	900	929	900	930	930	900	930	900	930	10955
18-20	MEAN	25.5	30.3	36.4	47.9	56.8	62.9	63.9	63.4	59.9	48.4	37.1	27.3	46.7
	S.D.	12.710	11.039	12.372	11.863	9.563	6.562	5.023	5.700	8.032	10.998	12.758	11.790	17.480
	TOTAL OBS.	930	843	930	900	930	900	929	930	900	930	900	927	10949
21-23	MEAN	25.0	30.0	36.7	48.4	56.9	63.2	64.5	64.2	60.1	48.4	36.6	26.9	46.8
	S.D.	12.453	10.355	12.069	11.128	8.660	5.970	4.522	5.559	7.741	10.679	12.423	11.615	17.537
	TOTAL OBS.	930	843	930	900	927	900	930	929	900	930	900	926	10945
ALL HOURS	MEAN	24.6	29.3	36.4	47.8	56.6	63.4	65.0	64.5	60.1	48.3	36.5	27.0	46.7
	S.D.	12.823	10.493	12.105	11.429	9.258	6.307	4.577	5.437	8.171	10.947	12.650	11.812	17.824
	TOTAL OBS.	7439	6762	7440	7199	7436	7200	7439	7438	7200	7439	7200	7432	87624

2
GLOBAL CLIMATOLOGY BRANCH
USAFPTAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13945
STATION

FT SILI AAF OK
STATION NAME

67-70, 73-78
PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	99.8	99.0	95.7	80.9	56.2	26.9	2.2	71.6	900
	03-05	100.0	100.0	100.0	99.2	98.0	93.2	75.8	46.6	5.1	77.4	900
	06-08	100.0	100.0	99.8	99.3	96.6	89.8	70.4	40.3	4.9	75.5	900
	09-11	100.0	100.0	98.8	92.1	76.8	50.2	25.6	6.9	.6	60.6	900
	12-14	100.0	99.8	93.6	77.4	45.9	21.7	7.9	2.3	.1	50.4	900
	15-17	100.0	99.4	87.4	64.2	35.6	14.6	6.8	1.4	.1	46.5	900
	18-20	100.0	99.6	94.0	77.9	50.8	24.8	11.4	3.2	.1	51.7	900
	21-23	100.0	99.7	99.3	96.7	83.9	57.2	33.0	11.3	.4	63.7	900
TOTALS		100.0	99.8	96.6	88.2	72.9	54.1	35.9	17.4	1.7	62.2	7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13945 FT SILL AAF PK
STATION STATION NAME

67-70, 73-79
PERIOD

ALL
MONTH

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

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.6	96.1	89.4	78.4	63.6	44.2	27.7	12.7	66.8	7439
FEB		100.0	97.5	92.3	84.4	73.9	59.2	43.5	28.5	13.3	64.9	6762
MAR		100.0	96.8	89.5	78.6	66.0	50.3	35.8	22.1	8.6	60.4	7440
APR		100.0	98.6	92.6	82.3	69.6	55.7	39.6	23.3	7.4	62.6	7199
MAY		100.0	99.5	96.5	89.5	78.2	62.8	46.4	27.3	6.1	66.4	7436
JUN		100.0	99.8	96.6	88.2	72.9	54.1	35.9	17.4	1.7	62.2	7200
JUL		100.0	99.1	93.1	78.0	60.9	41.7	26.9	12.4	1.0	56.9	7439
AUG		100.0	99.9	94.2	80.8	62.9	44.3	28.5	13.9	1.7	58.2	7438
SEP		100.0	100.0	98.3	90.2	77.3	61.8	44.1	25.2	6.5	66.0	7200
OCT		100.0	99.2	94.4	84.7	72.0	56.1	38.6	20.6	5.2	62.9	7439
NOV		100.0	99.2	94.1	84.9	72.3	55.9	37.5	20.5	7.7	62.9	7200
DEC		100.0	98.5	92.3	80.6	65.4	47.1	29.9	17.8	6.9	59.5	7432
TOTALS		100.0	99.0	94.2	84.3	70.8	54.4	37.6	21.4	6.6	62.5	87624

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

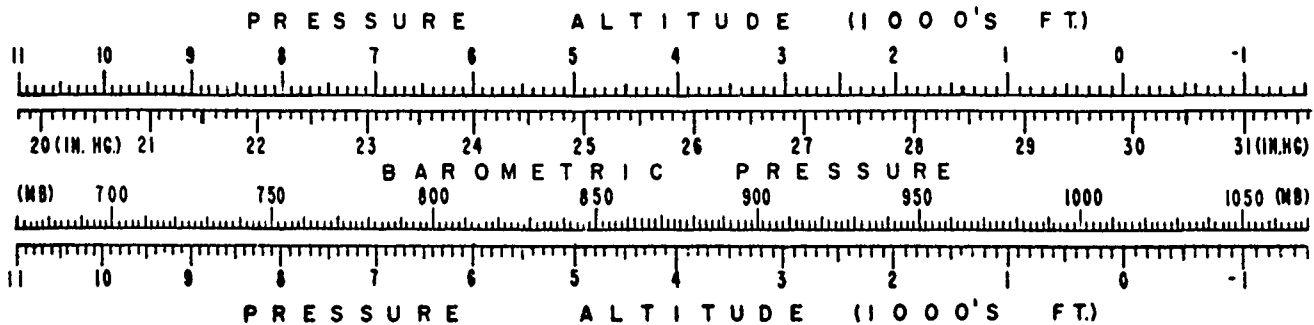
PART F PRESSURE SUMMARY

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

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

11945 FT SILL AAF OK

67-70, 73-79

HRZ (L ST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	28.849	28.810	28.696	28.665	28.653	28.659	28.727	28.728	28.739	28.775	28.800	28.781	28.740
	S D	.238	.217	.212	.185	.162	.133	.082	.088	.139	.174	.211	.222	.189
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	28.844	28.804	28.688	28.657	28.641	28.651	28.722	28.724	28.734	28.771	28.793	28.774	28.733
	S D	.240	.220	.215	.184	.163	.132	.081	.088	.139	.175	.214	.227	.191
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
06	MEAN	28.841	28.809	28.698	28.676	28.658	28.676	28.743	28.742	28.749	28.787	28.797	28.771	28.743
	S D	.238	.220	.215	.183	.164	.132	.080	.088	.140	.177	.219	.233	.190
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	28.877	28.845	28.734	28.709	28.688	28.704	28.767	28.769	28.778	28.820	28.834	28.805	28.777
	S D	.240	.221	.220	.186	.165	.142	.081	.092	.143	.180	.222	.237	.193
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	28.873	28.844	28.722	28.695	28.674	28.685	28.749	28.751	28.765	28.803	28.814	28.795	28.764
	S D	.242	.224	.221	.185	.164	.135	.080	.092	.144	.181	.223	.239	.195
	TOTAL OBS	309	282	310	299	310	300	310	310	300	310	300	310	3650
15	MEAN	28.808	28.777	28.659	28.640	28.629	28.639	28.702	28.698	28.707	28.742	28.759	28.739	28.708
	S D	.237	.221	.217	.184	.162	.135	.080	.091	.144	.178	.214	.233	.190
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	28.814	28.773	28.647	28.618	28.601	28.603	28.667	28.669	28.692	28.737	28.767	28.752	28.695
	S D	.235	.217	.215	.182	.159	.136	.082	.093	.145	.175	.210	.224	.192
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	309	3650
21	MEAN	28.838	28.801	28.682	28.655	28.633	28.635	28.699	28.706	28.727	28.768	28.794	28.779	28.726
	S D	.236	.216	.214	.180	.159	.132	.081	.091	.143	.174	.208	.222	.190
	TOTAL OBS	310	281	310	300	309	300	310	310	300	310	300	309	3649
ALL HOURS	MEAN	28.843	28.808	28.691	28.664	28.647	28.656	28.722	28.723	28.736	28.775	28.795	28.775	28.736
	S D	.239	.221	.217	.186	.164	.138	.086	.095	.144	.178	.216	.230	.193
	TOTAL OBS	2479	2254	2480	2399	2479	2400	2480	2480	2400	2479	2400	2478	29208

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13945 FT SILL AAF OK

67-70, 73-79

STATION	STATION NAME	YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN S D TOTAL OBS	1020.8 8.798 310	1019.1 7.952 282	1014.5 7.851 310	1012.9 6.750 300	1012.1 5.859 309	1012.0 4.805 300	1014.2 3.009 310	1014.3 3.216 310	1015.0 5.084 300	1016.8 6.369 310	1018.2 7.745 300	1018.0 8.140 310	1015.6 7.100 3651
03	MEAN S D TOTAL OBS	1020.6 8.892 310	1018.8 8.078 282	1014.2 7.926 310	1012.6 6.702 300	1011.7 5.881 310	1011.7 4.775 300	1014.0 2.966 310	1014.1 3.208 310	1014.9 5.097 300	1016.6 6.410 309	1018.0 7.867 300	1017.7 8.292 310	1015.4 7.158 3651
06	MEAN S D TOTAL OBS	1020.5 8.825 310	1019.0 8.086 282	1014.6 7.924 310	1013.3 6.691 300	1012.4 5.918 310	1012.6 4.774 300	1014.8 2.916 310	1014.8 3.197 310	1015.4 5.116 300	1017.2 6.466 310	1018.2 8.041 300	1017.7 8.470 310	1015.9 7.095 3652
09	MEAN S D TOTAL OBS	1021.9 8.869 310	1020.4 8.114 282	1015.9 8.052 310	1014.5 6.783 300	1013.4 5.947 310	1013.5 4.768 300	1015.6 2.944 310	1015.7 3.319 310	1016.5 5.221 300	1018.5 6.566 310	1019.6 8.127 300	1019.0 8.648 310	1017.0 7.218 3652
12	MEAN S D TOTAL OBS	1021.7 8.925 310	1020.3 8.200 282	1015.5 8.112 310	1014.0 6.745 299	1012.9 5.918 310	1012.9 4.867 300	1015.0 2.918 310	1015.1 3.346 310	1015.9 5.249 300	1017.8 6.572 310	1018.9 8.068 300	1018.5 8.707 310	1016.5 7.271 3651
15	MEAN S D TOTAL OBS	1019.3 8.769 310	1017.8 8.145 281	1013.2 7.987 310	1012.0 6.699 300	1011.3 5.872 310	1011.3 4.868 300	1013.3 2.958 310	1013.2 3.341 310	1014.0 5.260 300	1015.6 6.507 310	1016.7 7.857 300	1016.5 8.494 310	1014.5 7.109 3651
18	MEAN S D TOTAL OBS	1019.6 8.696 310	1017.8 7.979 281	1012.8 7.923 310	1011.3 6.639 299	1010.4 5.767 309	1010.1 4.922 300	1012.2 3.014 310	1012.2 3.403 310	1013.4 5.316 300	1015.5 6.408 310	1017.1 7.662 300	1017.1 8.185 309	1014.1 7.226 3648
21	MEAN S D TOTAL OBS	1020.5 8.732 310	1018.8 7.952 280	1014.1 7.878 310	1012.6 6.607 300	1011.5 5.753 309	1011.1 4.753 300	1013.3 2.957 310	1013.5 3.332 310	1014.7 5.237 300	1016.6 6.353 310	1018.2 7.627 300	1018.1 8.143 309	1015.2 7.157 3648
ALL HOURS	MEAN S D TOTAL OBS	1020.6 8.841 2480	1019.0 8.101 2252	1014.4 8.005 2480	1012.9 6.762 2398	1012.0 5.927 2477	1011.9 4.919 2400	1014.1 3.135 2480	1014.1 3.453 2480	1015.0 5.273 2400	1016.8 6.516 2479	1018.1 7.910 2400	1017.8 8.409 2478	1015.5 7.223 29204