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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18 SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)
20. ABSTRACT (Continue on reverse side if necessary and identify by block number)		
This report is a six-part statistical summary of surface weather observations for Biggs AAF, El Paso, Texas. 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)		

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

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DATA PROCESSING DIVISION  
USAFETAC  
Air Weather Service ( MAC )

AD A 095335

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

BIGGS AAF TX (EL PASO) WBAN #23044  
N 31 48 W 106 24 FLD ELEV 3913 FT ELP WMO #72270

PARTS A-F  
POR FROM HOURLY OBS: SEP 72 - AUG 80

POR FROM DAILY OBS: JAN 50 - AUG 80

TIME CONVERSION GMT TO LST: -7

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

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AWS Scientific and Technical  
Information Officer

13 FEB 1981

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

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

### DAILY OBSERVATIONS

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

### DESCRIPTION OF SUMMARIES

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

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

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

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

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

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

### MISSING HOUR GROUPS

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

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

THIS RUSSWO WAS DEVELOPED USING METEOROLOGICAL OBSERVATIONS FOR EL PASO IAP WITH W&AN #23044

STATION NO ON SUMMARY 23019/23044	STATION NAME BIGGS AFB/EL PASO TEXAS	LATITUDE N 31 50	LONGITUDE W 106 24	FIELD ELEV (FT.) 3961	CALL SIGN KBIF/ELP	WMO NUMBER 72270
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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			FIELD (FT)	HT. BARO.	
1	Biggs Field AAF Wea Station	AAF	Apr 41	Jun 48	N 31 50	W 106 24	3961		24
2	Biggs AFB	AFB	Jun 48	Oct 60	Same	Same	Same		24
3	Same	Same	Mar 66	Apr 66	Same	Same	Same		14
4	El Paso TAP, TX	W	May 66	Sep 72	N 31 48	Same	3956	3956	8 (punc)
5	Same	Same	Oct 72	Sep 80	Same	Same	Same	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	Apr 41	N/A	N/A	N/A	N/A	
2	17 Apr 53	Located on Roof of Hangar adjacent to Wea Station	Selsyn	ML-144-B	50 FT	
3	31 May 55	Located midway down runway 03-21	Same	ML-143-D	13 FT	
4	26 Sep 56	Located 800 ft South of centerline of runway 03-21, 1500 ft East of North-South taxi strip	AN/GMQ-1	RO-2	Same	
5	2 Apr 59	800 ft S centerline of runway 03 & 21, approx. 2000 ft E or NS taxi strip	AN/GMQ-1	RO-2	13 FT	

USAFETAC FORM NOV 73

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CONTINUED ON REVERSE SIDE

NUMBER OF STATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
6	21 Oct 60	1. 1000 ft SW of end of runway 21 and 800 ft NW of center of runway	Same	Same	Same	
		2. 1200 ft NE of end of runway 03 and 500 ft NW of center of runway	Same	Same	Same	
7	May 66	Located on Field	F420C	None	20 FT	

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PART A

WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse



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

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23044  
 STATION

BIGGS AAF TX (EL PASO)  
 STATION NAME

73-80  
 YEARS

JAN  
 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.
JAN	00-02		3.9		1.3		5.0	1.3	1.2		.4	3.0	743
	03-05	.1	4.2		3.1	.1	7.1	1.5	2.4		.7	4.6	744
	06-08		3.8		3.4		6.9	2.0	.4			2.4	744
	09-11		3.4		4.2		7.4	1.6	2.3		.3	4.2	744
	12-14		3.9		2.2		6.1	1.5	.7			2.0	743
	15-17		3.0		1.5		4.4	.5	2.6		.7	3.8	743
	18-20	.1	3.4		1.3		4.7	.4			.4	.8	744
	21-23	.1	4.2		1.1		5.2	.7	2.4		.5	3.6	744
TOTALS		.0	3.7		2.3	.0	5.9	1.2	1.5		.4	3.1	5949



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23044      BIGGS AAF TX (EL PASO)      73-80      JUL  
STATION      STATION NAME      YEARS      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	6.3				6.3				.1	.1	744
	03-05	.9	4.0				4.0		2.2			2.2	744
	06-08	.1	2.0				2.0		.3			.3	744
	09-11	.5	1.3				1.3	.1	2.6			2.7	744
	12-14	2.2	3.2				3.2				.1	.1	744
	15-17	3.9	4.2				4.2		.1		.3	.4	744
	18-20	4.0	4.3				4.3				.1	.1	744
	21-23	2.7	6.0				6.0		.3		.3	.5	744
TOTALS		2.1	3.9				5.9	.0	.7		.1	.8	5952



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23044      BIGGS AAF TX (EL PASO)      73-80      MAY  
STATION      STATION NAME      YEARS      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.1	1.6				1.6						744
	03-05	.3	.8				.8		1.7			1.7	744
	06-08		1.2				1.2	.1				.1	744
	09-11	.1	1.3				1.3		2.6		.3	2.8	744
	12-14	.1	.3				.3				.3	.3	743
	15-17	1.5	1.7				1.7		.1		1.3	1.5	744
	18-20	2.2	5.1				3.1				.1	.1	744
	21-23	1.1	1.6				1.6		.5		.5	1.1	743
TOTALS		.7	1.5				1.5	.0	.6		.3	1.0	5950

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23044      BIGGS AAF TX (EL PASO)      73-80      APR  
STATION      STATION NAME      YEARS      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.
APR	00-02	.1	.8		.4		1.1		.3		.4	.7	719
	03-05		1.1		.7		1.4		2.1			2.1	720
	06-08		.7		.6		1.3	.3	.6			.8	720
	09-11	.1	.8		.4	.1	1.4	.1	1.7		1.5	3.3	719
	12-14		.6		.3		.8	.1			2.4	2.5	720
	15-17	.1	.3				.3		1.5		5.3	6.8	720
	18-20	.3	.6				.6				2.1	2.1	719
	21-23	.3	1.0		.4		1.4		.4		1.8	2.2	720
TOTALS		.1	.7		.4	.0	1.0	.1	.8		1.7	2.6	5757

GLOBAL CLIMATOLOGY BRANCH  
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 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23044      BIGGS AAF TX (EL PASO)      73-80      MAR  
STATION      STATION NAME      YEARS      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		.9		.3		1.1				.1	.1	744
	03-05		1.6		.4		2.0		1.2		.5	1.7	744
	06-08		.9		.4		1.3	.4				.4	744
	09-11		1.1		.3		1.2	.1	2.3		1.9	4.3	743
	12-14		1.5		.1		1.5				3.1	3.1	744
	15-17	.1	.8				.8		.5		5.5	6.0	744
	18-20		1.1				1.1	.1			.7	.8	744
	21-23		1.2		.1		1.3		1.6		1.6	3.2	744
TOTALS		.0	1.1		.2		1.3	.1	.7		1.7	2.5	5951

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**WEATHER CONDITIONS**

23044  
 STATION

BIGGS AAF TX (EL PASO)  
 STATION NAME

73-80  
 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		2.7		1.0		3.7	.4	.1			.6	678
	03-05		2.1		1.0		3.1	1.2	1.8		.3	3.2	678
	06-08		4.1		.7		4.7	2.5	.1		.1	2.7	678
	09-11		2.9		.9		3.8	3.1	3.1		.4	6.6	678
	12-14		2.4		1.2		3.5	1.2	.6		.6	2.2	678
	15-17	.1	2.1		.7		2.6	.4	.7		1.0	2.2	678
	18-20		2.5		.6		3.0				.6	.6	677
	21-23		3.2		.9		3.8		1.3		.3	1.6	678
TOTALS		.0	2.8		.9		3.6	1.1	1.0		.4	2.5	5423

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 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

2144 HADGS AAF TX (EL PASO)  
 STATION STATION NAME

50-00 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG	SEP.	OCT.	NOV.	DEC	ALL MONTHS
50	TRAC.	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.
51	3.0	1.6	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	7.1	12.7
52	TRAC.	1.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	TRAC.	TRAC.	1.0
53	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	2.2	2.2
54	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6
55	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	3.9	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	2.3	11.2
57	TRAC.	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	4.1	.0	4.1
58	.0	.0	7.3	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	10.1
59	.0	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	TRAC.
60	TRAC.	2.1	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	10.1	12.2
61	TRAC.	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	7.2
62	1.6	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
63	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	6.1
64	.0	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	TRAC.
65	.0	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	.3
66	.4	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	.4
67	.0	TRAC.	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	5.6	5.6
68	2.1	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	TRAC.
69	.0	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.9
70	.0	1.7	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
71	3.2	TRAC.	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	4.8
72	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	2.5
73	5.3	4.6	TRAC.	.0	.0	.0	.0	.0	.0	.0	TRAC.	.0	9.9
74	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	5.3
75	2.2	.2	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	4.4
76	1.0	.0	TRAC.	TRAC.	.0	.0	.0	.0	.0	TRAC.	12.7	2.0	15.7
77	TRAC.	TRAC.	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.
78	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	TRAC.	TRAC.
79	TRAC.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
MEAN													
S. D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)



GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

SNOWFALL

(FROM DAILY OBSERVATIONS)

244 STATION 1065 AAF TX (F1 P4.0) STATION NAME

50-90 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	TRAC	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
51	2.0	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.2
52	PAC	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.0
53	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	1.2
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	7.2	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	2.3	7.2
57	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	2.7	.0	2.7
58	2.0	.0	3.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.8
59	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
60	TRACE	2.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	4.7	4.7
61	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	6.6	TRACE	6.6
62	1.2	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
63	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
64	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
65	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0
66	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
67	.0	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.8
68	1.7	2.3	.0	.0	.0	.0	.0	.0	.0	.0	4.0	TRACE	4.0
69	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	4.1	1.0	4.1
70	.0	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
71	1.0	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	1.5
72	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
73	4.5	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	4.5
74	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.1
75	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
76	.0	.0	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	4.1	2.0	4.1
77	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
79	TRACE	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
MEAN													
S.D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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



LOCAL CLIMATOLOGY BRANCH  
 ETAC  
 WEATHER SERVICE/MAC

**EXTREME VALUES**  
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

244 1665 SA TX (EL PASO) 50-50  
 STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	.54	.73	.25	.31	.08	TRACE	.21	1.76					
MEAN	.374	.440	.310	.185	.233	.546	1.663	1.181	1.397	.725	.314	.390	7.885
S.D.	.373	.426	.457	.221	.298	.677	1.272	.915	1.732	.697	.429	.378	3.067
TOTAL OBS.	461	876	961	930	961	929	961	961	900	930	900	930	11200

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

2024 WGS APT TX (EL PASO)  
 STATION STATION NAME

50-00

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
1	.27	.26	TRACE	TRACE	.10	.11	3.57	.16	1.32	.94	.00	.90	6.75
2	.33	.63	.59	.45	TRACE	TRACE	2.42	.72	.04	.43	.12	.65	6.47
3	.10	.76	.92	1.78	.46	1.14	1.88	1.06	.07	.00	.23	.15	7.97
4	.20	.34	.12	.71	.27	.53	.99	.42	TRACE	.65	TRACE	.39	4.42
5	.10	TRACE	.99	.19	1.26	.23	.89	2.37	.95	.30	.00	.02	6.39
6	.57	.5	.18	.20	.26	.12	3.70	.76	.16	.73	.15	.00	6.70
7	.3.	1.06	TRACE	.05	TRACE	1.19	1.12	.61	.43	.01	TRACE	.64	5.44
8	.24	.46	.33	.09	.10	.02	2.64	4.11	.11	2.34	.74	.02	11.20
9	.74	1.11	2.26	.05	.40	1.66	1.36	1.14	6.29	1.98	.20	TRACE	17.19
10	.21	TRACE	.07	.15	.30*	.46	.40	2.39	TRACE	.56	.14	.29	* 4.09
11	.72	.37	.21	.02	.04	.76	3.61	.77	.01	.77	.11	1.73	9.12
12	.41	TRACE	.29	.01	TRACE	.27	2.18	1.40	.69	.18	1.63	.63	7.69
13	.24	.56	.24	.10	.00	TRACE	1.82	TRACE	3.54	.55	.21	.30	8.28
14	.12	.53	TRACE	TRACE	.71	.05	.52	1.03	.64	.55	.76	TRACE	4.92
15	TRACE	TRACE	.99	.08	.02	TRACE	.16	.76	2.40	.40	.00	.62	5.35
16	.19	.59	.33	.01	.11	.66	.17	.49	2.12	.18	.12	.74	5.41
17	.28	.20	TRACE	1.08	.04	2.67	1.17	1.85	1.79	.01	.01	.04	9.24
18	.00	.04	.17	.03	.05	1.41	.84	.54	1.54	.09	.23	.78	5.72
19	.47	1.11	.85	.10	TRACE	.03	5.53	1.71	.53	.11	1.35	.23	12.02
20	.15	.08	.17	TRACE	.26	TRACE	1.14	.28	.43	.59	.63	.69	4.34
21	.05	.55	.47	TRACE	.71	.73	1.41	.41	1.01	.68	TRACE	.06	6.06
22	.17	.04	.00	.42	TRACE	.01	2.34	1.59	.96	1.07	.14	.50	7.24
23	.44	TRACE	TRACE	.00	.04	1.62	.71	2.59	1.60	1.25	.33	.42	9.00
24	1.23	1.69	.60	.00	.29	.71	2.12	.73	.01	.07	.08	TRACE	7.55
25	.27	TRACE	.36	.12	.05	.36	2.21	.63	6.68	1.90	.50	.67	13.95
26	.77	.59	.19	TRACE	.03	TRACE	1.11	.45	2.18	.25	TRACE	.71	6.21
27	.26	.52	TRACE	.39	.74	.50	3.17	.23	1.70	1.20	1.20	.32	10.14
28	.57	TRACE	.17	.09	.06	.04	1.09	1.36	.16	1.65	.05	.26	5.50
29	.44	.47	.37	.00	.57	1.46	.04	2.18	4.14	2.28	.45	.47	12.57
30	.77	.66	TRACE	.26	.24	.03	.98	2.16	.41	TRACE	.04	.25	5.84
MEAN													
S.D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLA)  
 JUL 84

FEDERAL CLIMATOLOGY BRANCH  
 AFFTAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

PRECIPITATION

(FROM DAILY OBSERVATIONS)

2 144 10GS AAF TX (EL PASO)  
 STATION STATION NAME

50-80

YEARS

24 HOUR AMOUNTS IN INCHES

MONTHS YEAR	JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	..	.22	.19	.29	.05	TRACE	.16	1.06					
MEAN	.199	.239	.175	.143	.176	.306	.710	.560	.676	.373	.156	.210	1.315
SD	.147	.218	.202	.218	.235	.354	.569	.467	.657	.295	.172	.195	.488
TOTAL OBS	961	876	941	930	941	929	961	981	900	930	900	930	11200

NOTE \* (BASED ON LESS THAN FULL MONTHS)



3 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AF WEATHER SERVICE/MAC

### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 PRECIPITATION  
 (FROM DAILY OBSERVATIONS)

2744 WOODS AFB TX (EL PASO) 50-80  
 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	01-04	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	7.8	0.1	1.7	4.0	2.2	2.9	.8	.2						11.8	961	.37	1.23	.00
FEB	7.9	9.1	.2	3.2	.6	2.7	2.1	.2						9.9	676	.44	1.69	TRACE
MAR	5.9	9.5	1.5	1.8	1.6	1.6	1.3	.2						7.6	961	.31	2.26	.00
APR	7.8	7.1	1.3	1.4	.9	.5	.6	.3						5.1	930	.18	1.36	.00
MAY	4.6	9.2	.5	2.4	1.2	.9	.5	.2	.1					6.2	961	.23	1.26	.00
JUN	75.2	15.1	1.4	3.2	.9	1.9	1.2	.9	.1					9.7	929	.55	2.67	TRACE
JUL	2.4	22.3	2.8	7.0	4.0	5.4	3.4	1.8	.9					25.3	961	1.66	5.53	.04
AUG	54.0	22.0	3.6	7.0	4.0	4.2	2.6	1.4	.4					23.1	961	1.18	4.11	TRACE
SEP	71.0	13.5	2.7	3.7	2.7	2.0	2.2	1.6	1.3					16.1	900	1.40	6.68	TRACE
OCT	11.4	6.2	1.2	3.5	1.5	2.4	2.8	.9	.1					12.4	930	.72	2.34	.00
NOV	5.7	6.0	1.3	2.3	1.1	2.2	1.1	.2						8.3	900	.31	1.63	.00
DEC	10.1	8.0	1.6	3.4	2.1	2.3	1.2	.2						11.3	930	.39	1.73	.00
ANNUAL	76.0	11.5	1.7	3.6	2.0	2.4	1.6	.7	.2					12.2	11200	7.74		

GENERAL CLIMATOLOGY BRANCH  
 METEOROLOGICAL  
 AND WEATHER SERVICE/MAC

### EXTREME VALUES

#### PRECIPITATION

(FROM DAILY OBSERVATIONS)

2 44 1965 AAF IX (EL PASO)

50-40

STATION

STATION NAME

YEARS

#### 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
5	.24	.21	TRACE	TRACE	.10	.05	.91	.38	.65	.65	.00	.03	.91
6	.20	.39	.25	.27	TRACE	TRACE	.94	.20	.04	.32	.12	.44	.54
7	.00	.45	.82	.56	.29	.65	.44	.49	.05	.00	.14	.13	.62
8	.00	.32	.00	.34	.18	.25	.35	.27	TRACE	.59	TRACE	.14	.59
9	.09	TRACE	.05	.39	1.02	.12	.35	1.66	.71	.19	.00	.02	1.66
0	.34	.05	.10	.00	.26	.16	1.68	.32	.06	.34	.15	.00	1.66
1	.17	.81	TRACE	.35	TRACE	.81	.25	.34	.43	.01	TRACE	.24	.81
2	.01	.24	.15	.39	.08	.01	1.10	2.00	.10	1.24	.30	.02	2.00
3	.00	.55	.65	.04	.21	1.13	.88	.61	1.96	.75	.09	TRACE	1.96
4	.01	TRACE	.07	.12	.30	.41	.22	.70	TRACE	.34	.10	.10	.70
5	.04	.22	.10	.02	.04	.52	1.75	.49	.01	.61	.09	.74	1.75
6	.00	TRACE	.25	.01	TRACE	.15	1.66	.46	.41	.17	.49	.56	1.66
7	.47	.50	.13	.13	.00	TRACE	.35	TRACE	1.62	.45	.09	.20	1.62
8	.00	.33	TRACE	TRACE	.71	.13	.18	.31	.35	.27	.52	TRACE	.71
9	TRACE	TRACE	.45	.06	.02	TRACE	.09	.45	1.77	.27	.00	.39	1.77
0	.08	.41	.32	.01	.11	.97	.06	.27	1.21	.15	.12	.26	1.21
1	.10	.17	TRACE	.98	.04	1.17	.62	.75	.21	.01	.01	.04	1.17
2	.00	.02	.10	.03	.05	.63	.49	.18	.96	.07	.13	.26	.96
3	.02	.39	.47	.09	TRACE	.03	1.65	.67	.46	.10	.64	.15	1.65
4	.00	.09	.12	TRACE	.20	TRACE	.56	.11	.22	.25	.32	.42	.56
5	.00	.20	.26	TRACE	.58	.59	.49	.50	.48	.91	TRACE	.06	.59
6	.07	.03	.00	.34	TRACE	.01	1.65	.67	.75	.54	.13	.15	1.65
7	.02	TRACE	TRACE	.00	.03	.46	.33	1.55	.80	.43	.10	.25	1.55
8	.51	.44	.35	.00	.19	.50	1.53	.33	.01	.05	.06	TRACE	1.53
9	.00	TRACE	.36	.12	.05	.36	.59	.47	2.26	.50	.31	.46	2.26
0	.21	.38	.12	TRACE	.07	TRACE	.72	.20	1.69	.23	TRACE	.49	1.69
1	.12	.28	TRACE	.27	.41	.18	1.51	.10	.57	.45	.41	.17	1.51
2	.01	TRACE	.17	.00	.04	.02	.22	.80	.15	.66	.04	.24	.80
3	.02	.27	.07	.00	.33	.85	.04	.72	1.37	.97	.18	.10	1.37
4	.00	.49	TRACE	.08	.10	.02	.41	.76	.26	TRACE	.04	.11	.76
MEAN													
S.D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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

5-02

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 records

- 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

## PART A

## ATMOSPHERIC PHENOMENA

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS XX  
 XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
 ATMOSPHERIC PHENOMENA

23044      BIGGS AAF TX (EL PASO)      50-80      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	FREZING 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	.6	16.5	.4	8.3	.3	21.2	6.3	3.1	.1	.9	9.2	961
FEB		.8	16.4	.3	5.6	.1	19.1	3.5	2.2	.2	1.8	7.4	876
MAR		1.2	15.4		3.7	.7	17.1	1.6	.7		1.8	3.9	961
APR		2.5	11.8		1.4	.5	12.2	.4	.8		2.6	3.8	930
MAY		7.8	15.4			.6	15.4	.3	.2		2.4	2.9	961
JUN		14.3	24.8			.3	24.8	.5	.6		3.2	4.3	930
JUL		31.5	47.6			.5	47.6	1.0	.2		2.0	3.2	961
AUG		30.8	45.1			.3	45.1	.7	.2		1.1	2.1	961
SEP		12.0	30.0			.4	30.0	2.2	.6			2.4	900
OCT		4.9	18.6		.2	.9	18.6	2.5	1.0		.3	3.8	930
NOV		.9	13.0		2.9	.1	14.3	2.8	2.0	.2	.4	4.7	900
DEC		.5	17.1	.9	7.0		19.9	5.2	3.4	.1	.6	8.3	930
TOTALS		9.0	22.6	.1	2.4	.4	23.8	2.2	1.2	.0	1.4	4.7	11201

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23044 STATION BIGGS AAF TX (EL PASO) 72-80 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	3.7		2.3	.0	5.9	1.2	1.5		.4	3.1	5949
FEB		.0	2.8		.9		3.6	1.1	1.0		.4	2.5	5423
MAR		.0	1.1		.2		1.3	.1	.7		1.7	2.5	5951
APP		.1	.7		.4	.0	1.0	.1	.8		1.7	2.6	5757
MAY		.7	1.5				1.5	.0	.6		.3	1.0	5950
JUN		.7	1.3				1.3		.9		.4	1.2	5752
JUL		2.1	3.9				3.9	.0	.7		.1	.8	5952
AUG		1.9	3.7				3.7	.0	.5		.2	.7	5944
SEP		.9	6.0				6.0	1.1	.7		.0	1.7	5759
OCT		.5	4.2		.2		4.2	1.2	1.4		.2	2.8	5940
NOV		.1	1.7		.9		2.5	1.3	2.4		.3	3.6	5760
DEC			2.5		1.3	.0	3.8	2.1	2.8		.6	5.2	5951
TOTALS		.6	2.8		.5	.0	3.2	.7	1.2		.5	2.3	10088

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23044  
 STATION

BIGGS AAF TX (EL PASO)  
 STATION NAME

72-79  
 YEARS

DEC  
 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.
DEC	00-02		2.6		1.1		3.6	1.6	.9			2.6	744
	03-05		2.0		1.2		3.2	3.8	4.0		.1	6.9	744
	06-08		3.8		1.6		5.4	3.6	1.1		.1	4.3	744
	09-11		3.2		1.2	.1	4.4	3.1	4.7		.8	8.1	744
	12-14		2.7		1.5		4.2	1.9	1.2		.7	3.4	744
	15-17		1.5		1.5		3.0	1.1	4.4		1.9	7.4	744
	18-20		2.2		1.2		3.2	.9	1.3		.5	2.8	743
	21-23		2.3		.9		3.2	.9	4.7		.4	6.0	744
TOTALS			2.5		1.3	.0	3.8	2.1	2.8		.6	5.2	5951



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### WEATHER CONDITIONS

23044  
STATION

BIGGS AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STOPMS	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		1.7		1.0		2.6	1.3	.6			1.7	720
	03-05		.3		1.0		1.3	1.5	3.2			4.3	720
	06-08	.3	1.3		1.3		2.4	1.4	.8		.1	1.9	720
	09-11	.1	2.2		.8		2.6	1.7	3.1		.6	5.3	720
	12-14		1.4		.7		2.1	1.0	1.3			1.8	720
	15-17		1.9		.8		2.6	.3	4.7		1.3	6.3	720
	18-20		2.5		.7		3.2	1.1	1.3			2.2	720
	21-23		1.9		.8		2.8	1.8	4.2			5.4	720
TOTALS		.1	1.7		.9		2.5	1.3	2.4		.3	3.6	5760

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23044  
 STATION

BIGGS AAF TX (EL PASO)  
 STATION NAME

72-79  
 YEARS

OCT  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (5 T)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
OCT	00-02	.3	4.4		.3		4.4	1.6	.4			2.0	742
	03-05	.3	5.1		.4		5.1	1.5	2.2		.1	3.8	743
	06-08	.5	4.0		.3		4.0	1.5	.3			1.8	742
	09-11	.4	2.8		.3		2.8	.8	4.7		.1	5.7	741
	12-14	.1	2.3				2.3	.7			.1	.8	741
	15-17	.5	3.9				3.9	.1	1.1		.8	2.0	744
	18-20	.7	4.4				4.4	1.3			.3	1.6	743
	21-23	.9	6.9				6.9	2.2	2.4			4.6	744
TOTALS		.5	4.2		.2		4.2	1.2	1.4		.2	2.8	5940

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23044  
 STATION

BIGGS AAF TX (EL PASO)  
 STATION NAME

72-79  
 YEARS

SEP  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	.8	7.9				7.9	1.1	.1			1.3	720
	03-05	.4	6.7				6.7	1.8	1.8			3.6	720
	06-08	.8	6.0				6.0	1.4	.1			1.5	720
	09-11	.3	5.6				5.6	1.3	1.8			3.1	720
	12-14	.3	4.6				4.6	.8				.8	720
	15-17	1.4	5.1				5.1	1.1	.1			1.3	720
	18-20	1.1	5.3				5.3	.4				.4	719
	21-23	1.7	6.5				6.5	.6	1.3		.1	1.9	720
TOTALS		.9	6.0				6.0	1.1	.7		.0	1.7	5759



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23044 STATION NAME BIGGS AAF TX (EL PASO) YEARS 73-80 MAP MONTH 0900-1100  
 CLASS ALL WEATHER 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	2.0	1.6	.1							6.5	8.0
NNE	.8	1.2	2.2	.8								5.0	7.5
NE	.3	1.2	1.5	.5								3.5	7.0
ENE	.3	.1	.7	.5								1.6	8.6
E	.1	1.2	1.1	.7								3.1	7.9
ESE	.8	.9	.4	.4								2.6	5.6
SE	.8	2.0	2.0	.1								5.0	6.0
SSE	.8	2.0	1.3	.1								4.3	5.8
S	1.1	6.1	4.6	.8	.1	.1	.1					12.9	7.1
SSW	.5	1.9	4.4	1.1	.4	.1						8.5	8.5
SW	.1	1.7	2.3	2.0	.8	.3						7.3	10.6
WSW	.3	.4	2.2	4.0	1.3	1.2	.3					9.7	14.1
W	.3	1.3	3.9	5.1	3.0	1.5	.4	.1				15.6	13.9
WNW	.1	.7	1.5	2.2	.9	.4	.1					5.9	12.9
NW		.4	.8	.8	.3							2.3	10.9
NNW		.4	1.1	.1								1.6	7.9
VARBL													
CALM												4.7	
	7.1	23.6	31.9	21.0	7.0	3.6	.9	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044      BIGGS AAF TX (EL PASO)      73-80      MAR  
STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      1500-1700  
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	.7	.8	.8	.1	.3							2.7	7.2
NNE	.3	.9	.5	.4								2.2	7.1
NE	.4	.5										.9	4.0
ENE	.1	.5	.1	.4								1.2	7.9
E	.3	.4	.3	.5	.1							1.6	9.0
ESE	.4	.1	1.2	.8								2.6	9.1
SE	.4	1.1	.4	.1								2.0	5.6
SSE	.1	.7	.5	.5		.4						2.3	10.8
S	.3	1.6	.8	.5	.1							3.4	7.6
SSW	.3	.7	1.6	.8	.5	.4	.3					4.6	12.3
SW	.5	2.0	5.6	4.8	1.3	.5	.1	.1				15.2	11.2
WSW	.8	1.9	6.6	5.4	1.1	1.3	.5					17.6	12.1
W	.9	1.5	5.8	9.1	5.1	3.1	.5	.1				26.2	14.3
WNW		.7	3.4	3.5	2.0	.9	.8					11.3	14.6
NW		.5	1.5	.4	.4	.4		.3				3.5	13.5
NNW		.4	.5	.5								1.5	9.5
VARBL													
CALM												1.3	
	5.5	14.4	29.7	28.1	11.0	7.1	2.3	.5				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS      744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 STATION      RIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      MAR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	3.6	3.5	1.5	.1							0.6	6.9
NNE	1.9	3.6	3.2	.4								9.1	6.0
NE	1.9	3.2	.3	.3								5.6	4.5
ENE	.3	1.1	.1									1.5	4.6
E	1.1	2.0	.5	.1	.1							3.9	5.4
ESE	.7	1.2	.7	.1								2.7	5.6
SE	.9	2.3	.9									4.2	5.1
SSE	.5	1.6	1.6	.1								3.9	6.2
S	.8	5.2	3.2	.9								10.2	6.6
SSW	.9	2.3	1.9	.7	.1							5.9	7.0
SW	.8	1.3	2.0	1.3	.3							5.8	8.3
WSW	.3	.7	1.3	1.6	.9	.3						5.1	12.0
W	.3	.7	2.3	3.6	.7	.9						8.5	12.8
WNW	.4	.7	.7	1.1	1.2	.8						4.6	14.0
NW	.1	.7	.9	.4		.1						2.3	9.3
NNW	.5	.1	.7	.4								1.7	7.2
VARBL													
CALM												14.1	
	13.3	30.4	23.9	12.6	3.5	2.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 24

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

### SURFACE WINDS

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

27044  
STATION

BIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

MAP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	4.3	3.4	1.2								10.5	6.6
NNE	1.7	4.2	1.7	.1								7.8	5.4
NE	1.3	3.0	.7									5.0	4.8
ENE	.4	2.2	.4									3.0	5.1
E	1.3	1.6	.7	.3								3.9	5.2
ESE	.9	1.7	.1	.3								3.1	4.8
SE	.5	3.2	.7									4.4	5.3
SSE	.1	1.9	1.7									3.8	6.2
S	.8	3.0	3.0	.8								7.5	6.8
SSW	.3	1.2	2.6	.3								4.7	7.1
SW	.7	1.2	2.6	1.5	.3							5.5	9.4
WSW		.9	1.5	1.9	1.2	.1	.5					6.2	13.5
W	.4	.9	2.2	2.6	1.7	.9	.1					8.9	13.5
WNW	.5	.7	2.6	2.2	1.1	.5		.1				7.7	12.1
NW	.3	.4	.8	.4		.1						2.0	8.8
NNW	.5	.4	1.2	.1								2.3	6.6
VARBL													
CALM												14.0	
	11.2	30.9	25.7	11.6	4.3	1.7	.7	.1				100.2	7.0

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND PEED (FROM HOURLY OBSERVATIONS)

23044 STATION                      HIGGS AAF TX (EL PASO) STATION NAME                      73-8J YEARS                      MAR MONTH                       
                     CLASS ALL WEATHER 0000-0200 HOURS (L.S.T.)  
                     CONDITION                     

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	3.1	3.4	1.1								2.0	6.9
NNE	.9	1.9	2.2	.4								5.4	6.4
NE	.8	2.6	1.2									4.6	5.1
ENE	.5	1.0	.5	.1								3.1	5.6
E	.9	1.5	.7	.3								3.4	5.5
ESE	1.3	2.0	.4									3.8	4.2
SE	1.1	2.6	.7									4.3	4.8
SSE	.7	3.1	2.0									5.8	5.8
S	.7	3.1	2.4	.3								6.5	6.1
SSW	.5	1.3	1.2	.7		.1						3.9	7.6
SW	.4	1.5	2.3	2.3	.8	.4	.1					7.8	10.9
WSW	.7	.7	1.5	2.6	1.5	1.2	.1					7.9	14.4
W	.3	.4	2.4	4.6	1.2	.5						9.4	12.8
WNW	.7	.3	2.2	3.2	1.1	.5						7.9	12.5
NW	.5	1.1	1.6	.5	.4	.3	.1					4.6	10.2
NNW	.7	.7	.7	.1	.1							2.3	6.4
VARBL													
CALM												10.5	
	12.1	27.6	25.1	16.1	5.1	3.1	.4					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS                      744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23484 BIGGS AAF TX (FL PASO) 73-80 FEB  
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	1.3	3.4	3.3	.8	.0							8.9	6.6
NNE	1.4	4.7	3.0	.6								9.6	6.0
NE	1.6	3.4	1.0	.2								6.2	5.1
ENE	.8	2.0	.6	.2	.1							3.8	5.9
E	.8	1.5	.9	.5	.0							3.7	6.6
ESE	.8	1.7	.8	.2								3.3	5.5
SE	.7	1.8	.7	.2								3.5	5.6
SSE	.5	1.4	1.1	.1								3.1	5.9
S	1.1	3.3	2.3	.2								6.9	5.9
SSW	.8	2.4	2.2	.5	.0							5.9	6.6
SW	.6	1.8	2.7	1.8	.3	.1						7.2	8.7
WSW	.7	1.2	2.5	2.3	.5	.2	.1	.0				7.4	10.4
W	.3	1.1	2.3	3.4	1.3	.5	.1	.0	.0			9.1	12.4
WNW	.4	.6	1.6	2.3	1.2	.6	.1					6.8	12.7
NW	.3	.8	.9	.5	.3	.1	.0					2.9	9.4
NNW	.4	.7	.6	.2		.0						1.9	6.6
VARBL													
CALM												9.8	
	12.6	32.0	26.2	13.9	3.7	1.5	.2	.1	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 5421

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 STATION      SIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	4.3	3.4	.4								9.6	6.2
NNE	1.5	5.3	2.4	.3								9.4	5.6
NE	1.5	4.7	1.0	.1								6.6	5.0
ENE	.9	2.4	1.0	.3								4.6	5.5
E	.6	2.2	.4									3.2	5.0
ESE	.6	2.4	.9									3.8	5.5
SE	.3	2.2	1.2	.1								3.8	6.0
SSE	.7	2.2	.4									3.4	5.0
S	1.2	4.7	1.6									7.5	5.4
SSW	.6	2.1	2.7	.3								5.6	6.5
SW	.4	1.5	1.9	1.8	.3							5.9	8.9
WSW	.3	.6	1.6	1.9	.3	.4						5.2	11.5
W	.4	.1	.9	2.4	.9	.1						4.9	12.8
WNW	.6	.6	1.2	3.7	2.4	.9						9.3	13.8
NW	.9	.7	1.0	.7	.7							4.1	9.3
NNW		.4	.6	.3								1.3	7.9
VARBL													
CALM												11.7	
	11.9	35.7	22.3	12.4	4.6	1.5						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044  
STATION

RIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
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	1.6	3.8	2.4	.3								8.1	5.8
NNE	.6	3.5	1.6	.4								6.2	6.1
NE	1.6	2.5	.4	.3								4.9	4.9
ENE	.4	2.1	.3	.1								3.0	5.5
E	.4	1.9	1.8	.9								5.0	7.8
ESE	.9	1.8	1.5	.1								4.3	5.9
SE	.7	1.2	.7	.3								3.0	5.8
SSE		.6										.6	5.0
S	.6	2.2	1.8	.1								4.7	6.0
SSW	.6	3.1	1.3	.1								5.2	5.7
SW	.4	3.8	3.0	.9	.3							8.4	7.4
WSW	.6	3.4	3.0	2.4	.4	.3						10.0	8.9
W	.6	2.4	3.0	4.0	2.2	.6	.1					12.9	11.9
WNW	.1	1.5	1.9	2.5	1.2	1.2						8.4	13.0
NW	.3	1.8	1.8	.6	.1	.1						4.7	8.4
NNW	.4	1.0	.9									2.4	5.7
VARBL													
CALM												8.3	
	10.0	36.6	25.3	13.1	4.3	2.2	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

677

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 STATION BIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS FEB 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	2.2	1.5	1.0	.1							5.2	7.5
NNE	.9	2.2	1.8	.4								5.3	6.3
NE	.9	2.4	.7	.4								4.4	6.0
ENE	.1	1.5	.7	.6	.3							3.2	6.5
E	.3	.4	1.0	1.2								2.9	9.3
ESE	.3	1.0	1.3	.3								2.9	7.0
SE	.4	1.0	.3	.6								2.4	6.9
SSE	.4	.6	.7	.1								1.9	6.2
S	1.2	1.6	1.0	.4								4.3	5.8
SSW	.6	1.9	1.9	.7								5.2	7.5
SW	.7	3.2	4.4	2.5	.3	.1						11.4	8.4
WSW	.6	1.9	6.2	4.4	.3	.1		.1				13.7	10.1
W	.6	2.9	4.9	6.2	2.5	.9		.1	.1			18.3	12.2
WNW	.6	1.3	2.8	3.1	1.5	.3	.1					9.7	11.7
NW	.7	.7	1.6	.1	.3	.1						3.2	8.9
NNW	.1	.9	.6	.3		.1						2.1	8.7
VARBL													
CALM												3.8	
	8.4	26.0	31.6	22.6	5.3	1.8	.1	.3	.1			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23944 STATION      RIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      FEB MONTH  
 CLASS ALL WEATHER      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	2.4	3.0	.9								6.5	7.5
NNE	.4	1.3	2.2	.3								4.3	6.9
NE	.9	1.9	.9									3.7	5.3
ENE	.1	1.6	.4	.3	.3							2.8	7.7
E	.7	1.2	1.3	1.0								4.3	8.0
ESE	.6	.7	1.0	.6								3.0	7.1
SE	.1	1.3	1.0	.3								2.8	7.3
SSE	.4	1.2	1.0									2.7	5.6
S	1.2	3.1	3.0									7.2	6.2
SSW	.7	3.5	3.8	.6	.1							8.9	6.7
SW	.9	1.9	4.4	3.0	.7	.3						11.2	9.9
WSW	1.2	1.6	4.9	4.4	.7	.3	.4	.1				13.7	11.1
W		1.6	4.6	5.9	1.3	.1	.1					13.7	11.7
WNW	.3	.4	2.2	1.6	1.0	.6						6.2	12.4
NW	.3	.3	.9	.7	.1							2.4	9.3
NNW	.6	.9	1.2	.4								3.1	7.2
VARBL													
CALM												3.5	
	8.9	25.1	35.9	20.1	4.4	1.3	.6	.1				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 BIGGS AAF TX (EL PASO) 73-80 FEB  
 STATION STATION NAME YEARS MONTH  
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) D.I.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	1.3	4.7	4.9	1.5								12.4	7.1
NNE	1.3	4.1	4.9	1.2								11.5	6.9
NE	1.3	2.2	1.5	.4								5.5	6.1
ENE	.3	.6	.1	.3	.4							1.8	9.8
E	1.0	.7	1.2	.4								3.4	6.2
ESE	.6	1.5	.6									2.7	5.1
SE	1.2	1.8	.6									3.5	4.5
SSE	.9	.9	2.2									4.0	6.6
S	1.2	5.5	3.4									10.0	5.9
SSW	1.9	2.9	2.9	.9								8.7	6.3
SW	1.2	1.0	3.1	2.2		.1						7.7	8.5
WSW	.7	1.0	1.2	1.6	.9	.1						5.6	10.4
W	.4	.7	1.3	3.2	.4	1.0	.4					7.7	13.7
WNW	.3	.4	1.2	2.4	.6		.1					5.0	11.6
NW	.1	.4	.7	.9	.3							2.5	10.2
NNW	.4	.3	.4	.3								1.5	6.5
VARBL													
CALM												6.6	
	14.3	28.9	30.2	15.3	2.7	1.3	.6					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044  
 STATION

BIGGS AAF TX (EL PASO)  
 STATION NAME

73-80  
 YEARS

FEB  
 MONTH

ALL WEATHER  
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.4	5.2	.7								11.5	6.4
NNE	1.9	9.4	4.6	.9								16.8	5.9
NE	1.8	5.5	.7	.1								8.1	4.8
ENE	1.0	2.2	.9		.1							4.9	5.2
E	1.5	1.3	.3	.1								3.4	4.4
ESE	1.5	.9										2.4	3.7
SE	1.2	1.6	.7	.1								3.7	5.2
SSE	.7	2.2	1.5	.3								4.7	6.1
S	.9	2.9	2.7	.3								6.8	6.2
SSW	.6	1.6	1.6	.7								4.6	7.1
SW	.3	.7	1.5	.4	.3							3.2	8.4
WSW	.7	.3	.7	.6	.6	.3	.1					3.4	11.8
W		.1	1.6	1.5	.9	.4						4.6	13.1
WNW	.4	.4	.7	1.8	.4	.3						4.1	11.6
NW	.3	.4	.4	.1	.1	.1						1.6	9.5
NNW	.3	.7	.1	.3								1.5	6.8
VARBL													
CALM												14.7	
	15.5	34.5	23.3	8.1	2.5	1.2	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 678



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 STATION      BIGGS AAF TX (EL PASO) STATION NAME      73-80 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	2.2	3.7	2.8	1.2								9.9	6.5
NNE	2.5	6.6	3.8	.6								13.6	5.7
NE	2.2	4.0	1.6	.1								8.0	5.0
ENE	1.6	2.5	.7	.1								5.0	4.9
E	.4	2.7	.4	.1								3.7	5.0
ESE	.7	2.7	.3	.1								3.8	4.9
SE	.9	3.1	.7									4.7	4.8
SSE	.4	1.5	.9									2.8	5.8
S	1.2	3.0	2.1	.1								6.4	5.7
SSW	.9	1.6	1.8	.3	.1							4.7	6.9
SW	.9	.9	2.1	1.5	.1							5.5	8.4
WSW	.6	.3	1.5	.9	.4	.1						3.8	10.5
W	.4	.9	1.2	1.3	1.2	.4						5.5	12.1
WNW	.4	.1	1.6	1.2	.7	.1						4.3	12.1
NW	.1	.1	.3	.6	.4							1.6	12.4
NNW	.6	.7	.4									1.8	4.9
VARBL													
CALM												14.9	
	16.2	34.4	22.3	8.3	3.1	.7						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS      677

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 STATION      RIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.1	3.1	.7								8.1	6.6
NNE	1.6	5.0	2.5	.4								9.7	5.5
NE	2.7	4.6	1.2									8.4	4.7
ENE	1.9	2.9	.6									5.5	4.3
E	1.3	1.6	.4	.1	.3							3.8	5.8
ESE	.9	2.4	.4	.1								3.8	5.0
SE	1.0	2.4	.4	.1								4.0	5.0
SSE	.4	2.4	1.6	.1								4.6	5.9
S	1.8	3.5	2.7	.4								8.4	5.7
SSW	.7	2.1	1.6	.1								4.1	6.0
SW	.3	1.0	1.3	1.9								4.6	9.8
WSW	.7	.6	.7	1.8	.1							4.0	9.8
W	.1	.3	.6	2.5	.9	.6						5.0	14.1
WNW	.7	.3	.9	2.2	1.6	1.0	.1					6.9	14.7
NW	.1	1.5	.4	.4	.1	.1	.1					2.9	9.5
NNW	.3	.9	.3									1.5	4.7
VARBL													
CALM												14.6	
	15.6	34.5	18.9	11.2	3.1	1.8	.3					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 678

GLJBL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 BIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	4.2	3.2	.8	.1							10.0	6.4
NNE	1.6	4.6	2.7	.5								9.4	5.9
NE	1.3	3.1	.9	.3	.2							5.8	5.8
ENE	1.0	1.9	.4	.3	.2	.1						3.9	6.2
E	1.0	2.0	.9	.3	.1							4.2	5.8
ESE	1.0	1.9	.6	.1	.0							3.6	5.1
SE	.8	1.6	1.1	.0								3.5	5.4
SSE	.7	1.7	1.1	.1								3.7	5.8
S	1.1	3.7	2.9	.5	.0	.0						8.2	6.3
SSW	.7	2.5	2.0	.4	.0							5.6	6.4
SW	.9	1.9	2.3	1.1	.1	.1						6.4	7.8
WSW	.4	1.1	2.0	2.0	.6	.2	.0	.0				6.4	10.7
W	.3	.9	2.3	2.5	1.2	1.0	.2					8.4	13.2
WNW	.3	.6	1.4	1.4	1.0	.3	.1	.0				5.2	12.7
NW	.3	.8	.7	.4	.1	.0						2.3	8.0
NNW	.4	.8	.5	.3	.0							2.0	5.4
VARBL													
CALM												11.5	
	13.6	33.5	24.8	11.0	3.5	1.7	.3	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

5949

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 WIGGS AAF TX (EL PASO) 73-80 JAN  
STATION STATION NAME YEARS MONTH

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.7	2.2	.8								9.5	5.9
NNE	2.3	4.7	1.9	.1								9.0	5.0
NE	1.5	3.5	.7		.3							5.9	5.2
ENE	1.2	3.2	.7	.3	.1	.1						5.6	6.2
E	.5	2.6	.7	.1								4.3	5.5
ESE	1.2	2.0										3.2	4.1
SE	1.2	2.0	.7	.1								4.0	5.2
SSE	1.1	2.6	1.9									5.5	5.6
S	.4	3.4	2.4	.3								6.5	6.4
SSW	.9	2.6	2.2	.3	.1							6.0	6.3
SW	.7	2.0	1.3	1.1								5.1	7.4
WSW	.7	.5	1.5	.9	.7	.3						4.6	10.7
W	.3	.8	1.6	2.4	1.1	.5	.5					7.3	14.0
WNW	.4	.5	1.6	1.1	1.3	.5	.1					5.5	13.4
NW	.1	.8	.8	.1	.1							2.0	7.7
NNW	.7	.8	.3	.7	.1							2.6	7.0
VARBL													
CALM												13.2	
	15.5	36.7	20.3	8.3	3.9	1.5	.7					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIP WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 LYGGS AFB TX (EL PASO) 73-80 JAN  
 STATION STATION NAME YEARS MONTH  
 ALL WEATHER 1800-2600  
 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	2.2	4.4	2.3	1.1								9.9	5.9
NNE	.5	3.9	1.9	.3								6.6	5.9
NE	.3	7.4	1.3	.1	.4							6.0	6.4
ENE	.4	2.6	.5	.4	.1							4.0	6.3
E	.8	1.1	.9	.4	.1							3.4	6.9
ESE	1.5	2.8	.3									4.6	4.4
SE	.7	1.6	.7									3.0	5.0
SSE	.5	.9	1.1									2.6	6.3
S	.4	3.8	2.0	.3								6.5	6.1
SSW	.4	3.4	1.2	.1								5.1	5.7
SW	1.1	2.7	1.7	.9	.4							6.9	7.9
WSW	.7	1.6	3.0	2.3	.4	.4						8.3	9.8
W	.3	1.3	2.3	2.7	.9	1.6	.5					9.7	13.8
WNW	.4	.9	1.1	1.7	1.5	.7	.1	.1				6.6	14.3
NW	.7	.5	1.5	.4	.1							3.2	7.5
NNW	.8	.9	.5	.1								2.4	5.0
VARBL													
CALM												11.3	
	12.1	35.9	22.3	10.9	3.6	3.1	.7	.1				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 714

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

27044 STATION      RIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      JAN MONTH  
 ALL WEATHER CLASS      1500-1700 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	3.6	1.7	.3								6.9	5.7
NNE	.9	2.8	2.0	.5								6.3	6.3
NE	1.1	1.7	.6	.1								3.8	5.3
ENE	.5	.9	.1	.3	.3	.5						2.7	10.4
E	.7	1.9	1.1									3.6	5.4
ESE	1.6	1.1	1.5	.1								4.3	5.6
SE	.1	1.1	1.5									2.7	6.5
SSE	.5	1.3	.4									2.3	4.9
S	1.3	3.0	.4	.5	.1							5.4	5.6
SSW	.7	2.2	2.6	.9								7.0	6.9
SW	1.1	3.0	5.4	1.9	.1	.1						11.6	8.0
WSW		2.0	3.8	3.5	1.3	.4	.1					11.2	11.6
W	.3	1.3	5.7	4.3	1.9	2.0	.1					15.6	12.9
WNW	.3	1.3	1.2	1.7	1.1	.3	.3					6.2	12.0
NW	.3	.7	1.1	.5								2.6	7.6
NNW	.3	.8	.3	.1								1.5	5.7
VARBL													
CALM												6.5	
	10.9	29.5	29.5	14.9	4.8	3.4	.5					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23044 STATION NAME BIGGS AAF TX (EL PASO) YEARS 73-80 MONTH JAN  
 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	1.3	2.3	2.4	.9	.1							7.1	7.1
NNE	1.5	3.1	1.7	.4								6.7	5.8
NE	1.1	2.2	.9		.3							4.4	6.2
ENE	.4	.7	.8	.3	.3							2.4	8.2
E	.7	1.5	1.2	.4	.1							3.9	6.9
ESE	.9	.7	.9	.3	.1							3.0	6.6
SE	1.3	1.5	1.3									4.2	5.3
SSE	.7	1.2	1.2									3.1	5.7
S	1.3	4.2	3.0	.5		.1						9.2	6.3
SSW	.9	2.4	3.6	1.1								8.1	7.2
SW	1.5	1.7	3.2	2.8	.3	.3						9.8	9.0
WSW	.3	1.6	3.5	3.6	1.2	.3						10.5	10.9
W	.4	1.7	1.1	4.4	2.0	.9	.1					12.8	12.6
WNW	.3	.7	1.7	2.3	.4	.1						5.5	10.9
NW	.3	1.1	.4	.3	.4							1.4	8.3
NNW	.3	.8	.5	.3								1.9	6.3
VARBL													
CALM												5.0	
	13.2	27.3	29.7	17.6	5.2	1.7	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

### SURFACE WINDS

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

23044 BIGGS AAF TX (EL PASO) 73-80 JAN  
STATION STATION NAME YEARS MONTH

ALL WEATHER CLASS J900-1100  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	4.4	5.8	1.2								12.9	7.1
NNE	1.3	4.3	4.3	.9								10.9	6.8
NE	1.1	1.9	.7	.7								4.3	6.3
ENE	1.5	.9	.1	.4	.1							3.1	5.8
E	1.5	1.7	.8	.5	.1							5.0	6.5
ESE	.9	1.3	.7									3.0	4.7
SE	.9	1.1	1.2	.1								3.4	5.8
SSE	.7	1.6	1.3	.3								3.9	6.3
S	2.2	4.3	6.3	.4								13.2	6.5
SSW	1.2	3.0	2.7	.1								7.0	6.1
SW	.9	1.9	1.7	1.2								5.8	7.4
WSW	.8	.9	1.7	1.7	.5							5.8	9.9
W	.3	.4	1.3	2.4	.2	.2	.1					6.3	14.1
WNW	.3	.5	.9	.9	.3		.3					3.2	11.4
NW	.5	.7	.4									1.6	8.3
NNW	.1	.1	.8	.3								1.3	8.3
VARBL													
CALM												9.4	
	15.2	29.0	31.2	12.0	2.0	.8	.4					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 744





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23244 HIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
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	.2	4.4	3.1	.9								9.3	6.7
NNE	2.7	6.0	4.6	.8								14.1	6.0
NE	2.4	4.4	1.2	.3	.4							8.7	5.6
ENE	1.7	2.7	.4	.3								5.1	5.0
E	.7	1.9	.7	.1								3.4	5.4
ESE	.8	2.2	.1	.4								3.5	5.2
SE	.8	2.4	.9									4.0	5.0
SSE	.4	2.3	.7									3.4	5.6
S	1.1	3.1	1.7	1.1								7.0	6.4
SSW	.4	2.0	1.7	.3								4.4	6.4
SW	.5	1.1	1.1	.4								3.1	6.7
WSW	.4	.3	1.1	1.9	.3							3.9	10.8
W	.1	.7	2.0	1.1	.8	.5	.1					5.4	12.4
WNW		.5	1.2	2.0	1.3	.3						5.4	13.2
NW	.4	1.1	.4	.4	.1	.1						2.6	8.1
NNW	.1	.8	.7	.4								2.0	7.3
VARBL													
CALM												14.6	
	13.4	35.9	21.5	10.3	3.0	.9	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

744



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

23044 BIGGS AAF TX (EL PASO)  
STATION STATION NAME

69-80  
YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV.	DEC	ALL MONTHS
69											W	40SW	43
70	W	47W	48SW	53W	46SW	43W	47W	39NW	35SW	55W	45NW	40W	64 W 64
71	NW	51SW	51NW	49NW	47SW	46W	39W	46NW	50E	38SW	35W	39W	54 NW 58
72	W	42NW	38W	44SW	49W	37E	40W	50SE	39NW	37W	31NW	41W	53 W 53
73	W	53W	44SW	48SW	47W	48SE	46SW	41NE	33W	38NW	32W	47W	50 W 53
74	SW	42W	50W	41W	64SE	48NW	53SW	43SW	46S	41W	32SW	29SW	40 W 64
75	W	53NW	44SW	53W	48NW	42E	50NE	37NW	37SE	34SW	38W	51SW	55 SW 55
76	W	51W	48SW	52NE	41SW	48SW	56NW	44N	34SW	41E	30W	43W	30 SW 56
77	W	44W	63W	73W	49W	48SW	43NW	30NE	50N	34SW	37SW	41W	52 W 73
78	SW	43W	39SW	54SW	43S	44E	41NE	32W	43NW	*29NW	51W	40W	41 SW 54
79	W	52NW	40W	44W	60SW	46N	36W	63SW	41E	35W	37SW	33W	29 N 63
80	W	34NW	40W	64E	42W	38W	39E	37E	32				
MEAN	46.5	45.9	52.3	48.7	44.4	44.5	43.1	40.7	39.2	36.8	40.9	46.5	59.9
S.D.	6.089	7.286	9.296	7.157	4.0	6.409	7.905	8.051	6.476	6.663	5.921	10.875	6.642
TOTAL OBS	340	311	341	329	31	330	341	341	284	310	330	341	3939

NOTES \* (BASED ON LESS THAN FULL MONTHS)

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

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." C

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 VKBL.

- 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.

FEDERAL BUREAU OF SURVEY  
 NATIONAL CLIMATOLOGY SERVICE  
 WASHINGTON, D. C. 20540

### EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

2 44 STATION 125 SAF IX (EL. 600) 52-50 YEARS

#### DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
44													1
45												TRACE	TRACE
46													1
47													7
48													3
49	TRACE											1	7
50		TRACE											TRACE
51													6
52													4
53													1
54													4
55													3
56	TRACE	TRACE	TRACE										TRACE
57													4
58													4
59													7
60													4
61	TRACE	TRACE											TRACE
62													1
63	TRACE												TRACE
64													3
65	AC												5
66		TRACE											1
67	TRACE									TRACE		TRACE	6
68													TRACE
69													3
70				TRACE									
MEAN				TRACE						TRACE			2.4
S. D.	.34	1.713	1.335	.000	.000	.000	.000	.000	.000	.000	1.769	1.500	2.531
TOTAL OBS.	66	79	68	64	68	64	89	89	84	86	84	68	1023

NOTE: (BASED ON LESS THAN FULL MONTHS)

3

FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

2044      52-80  
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	255 500	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	.5	3.5	.7	.1										1.0	868			
FEB	7.0	1.4	.4	.3	.3	.4	.1							1.4	791			
MAR	9.0	.2	.2				.1							.3	868			
APR	9.0	.2													840			
MAY	10.0														868			
JUN	100.0														840			
JUL	100.0														899			
AUG	100.0														899			
SEP	100.0														840			
OCT	9.9	.1													868			
NOV	7.0	.8	.1	.5	.4	.5	.1							1.5	840			
DEC	7.1	.4	.4	.2	.1	.8								2.0	868			
ANNUAL	8.9	.0	.2	.1	.1	.1	.7							.5	10289			





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044  
STATION

RIGGS AAF TX (FL PASO)  
STATION NAME

73-80  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	6.2	3.6	1.5	.3							13.3	6.6
NNE	2.0	3.1	1.5	.5								7.1	5.5
NE	1.1	3.9	.5	.1								5.6	5.0
ENE	.4	2.4	.9	.3								4.0	6.0
E	1.5	3.8	1.2	.8	.1							7.4	6.1
ESE	1.2	3.5	1.5	.5								6.7	5.7
SE	1.1	4.2	3.0	.3								8.5	5.9
SSE	.5	3.0	2.8	.5								6.9	6.6
S	.7	3.1	4.2	.4								8.3	6.8
SSW	.4	2.5	1.1	.7								4.7	6.7
SW	.9	2.4	2.0	.8	.1							6.3	7.1
WSW	.3	.7	.7	.5								2.2	8.1
W	.8	.8	.7	.7	.3	.1						3.4	8.4
WNW	.3	.7	.3	.4								1.6	7.1
NW	.1	.5	.3									.9	5.3
NNW	.5	.5	.3									1.3	5.1
VARBL													
CALM												11.7	
	13.6	41.3	24.5	8.1	.8	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

23044 HIGGS AAF TX (FL PASO) 73-80  
 STATION STATION NAME YEARS  
 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	1.4	2.3	1.9	1.0	.1	.0						6.6	6.9
NNE	.7	2.0	1.1	.3	.1	.0						4.1	6.2
NE	.8	2.0	.8	.3								4.0	5.8
ENE	.7	1.7	1.0	.3	.1	.0	.0					3.8	6.7
E	.7	2.0	2.2	1.0	.2	.1						6.3	8.0
ESE	.7	2.4	2.3	1.5	.1	.0						7.0	7.9
SE	.7	3.0	3.5	1.1	.2	.0						8.5	7.5
SSE	.6	1.9	2.5	1.0	.0	.1						6.1	7.7
S	.7	3.5	4.2	1.1	.0							9.6	7.2
SSW	.7	1.6	1.6	.5	.1	.0	.0					4.5	7.1
SW	.6	2.0	1.8	.9	.1	.0						5.4	7.4
WSW	.4	1.2	2.6	2.2	.6	.1						7.1	10.1
W	.3	1.4	3.3	3.5	.8	.2						9.6	10.8
WNW	.5	1.2	1.7	1.9	.5	.1						5.8	10.0
NW	.4	1.0	.7	.5	.1	.0						2.7	7.4
NNW	.4	.7	.4	.2	.0							1.7	6.2
VARB													
CALM												7.2	
	10.4	30.0	31.5	17.7	2.9	.6	.0					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 5751

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 HIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.9	1.5	1.1	.3							7.2	7.1
NNE	.1	1.7	.7	.1								2.6	6.2
NE	.8	2.4	.3	.3								3.8	5.3
ENE	.4	1.8	1.4	.3								3.9	6.4
E	.1	3.1	4.0	2.2	.3	.1						9.9	8.8
ESE	.4	2.6	3.9	2.5	.4	.1						10.0	9.0
SE	.3	2.9	5.3	1.5	.3							10.3	8.3
SSE	.4	1.4	3.3	1.1								6.3	6.0
S	.1	1.8	1.9	1.7								5.6	8.3
SSW	.4	1.4	.7	.4								2.9	6.5
SW	.1	1.4	.4	.1								2.1	5.7
WSW		.4	1.4	1.0	.7	.1						3.6	12.2
W		1.0	2.6	4.6	1.3							9.5	11.9
WNW	.4	1.0	2.5	3.9	1.8	.3						9.9	12.4
NW	.7	1.0	1.5	1.1	.1							4.5	8.0
NNW	.6	1.3	1.3	.1	.1							3.3	7.0
VARBL													
CALM												5.0	
	6.1	28.0	32.8	22.1	5.3	.7						100.0	

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23044 RIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS JUN MONTH  
 CLASS ALL WEATHER 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	.7	.7	.7	.8	.1	.1						3.2	8.8
NNE	.6	.7	1.0	.6								2.8	7.4
NE	.1	1.1	.7	.1								2.1	3.5
ENE	.6	.5	.6	.6	.4							2.9	9.0
E	.8	1.1	2.2	2.4	1.0	.3						7.8	10.7
ESE	.3	1.8	4.6	4.3	.4							11.4	10.2
SE		1.7	3.2	1.4	.7	.1						7.1	9.8
SSE	.4	1.2	2.1	1.5		.3						5.6	9.3
S	.3	2.9	5.1	1.0								9.3	7.5
SSW	.1	.7	.6	.1	.3							1.8	6.5
SW	.4	1.8	1.4	.8								4.4	7.3
WSW	.3	2.4	2.5	3.2	.1							8.5	9.5
W	.4	2.5	5.4	4.2	1.8	.4						14.7	10.8
WNW	.4	3.2	3.5	3.7	.7							11.5	9.4
NW	.1	1.0	1.1	.8	.3							3.3	9.1
NNW	.1	.7	.1									1.0	5.4
VARBL													
CALM												2.6	
	5.7	24.3	34.7	25.6	5.8	1.2						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23044 HIGGS AAF TX (EL PASO) 73-80 JUN  
 STATION STATION NAME YEARS MONTH  
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.6	1.0	.3	.1							2.2	8.2
NNE		1.5	1.0			.1						2.6	7.1
NE	.4	1.0	.3	.4								2.1	6.5
ENE	.3	1.0	1.0	.8	.3	.3	.1					3.8	10.7
E	.3	1.1	2.5	1.0		.1						5.0	9.1
ESE	.1	1.7	2.8	2.4								7.0	9.2
SE	.4	1.9	2.1	2.2	.3							7.0	9.1
SSE	.3	1.4	2.9	1.0	.1	.1						5.8	8.9
S	.7	1.9	4.7	1.5	.3							9.2	8.4
SSW	.6	1.7	3.1	1.1		.1	.1					6.7	8.7
SW	.4	3.3	3.1	2.4	.3	.1						9.6	8.7
WSW	.3	1.4	3.9	3.8	.8	.1						10.3	10.7
W	.8	1.9	6.1	6.1	.6	.4						16.0	10.6
WNW	.1	1.5	2.2	2.5	.1							6.5	10.0
NW		1.9	.6	.6		.1						3.1	8.6
NNW		.7	.4	.4								1.5	8.5
VARBL													
CALM												1.7	
	5.0	24.5	37.6	26.4	2.9	1.7	.3					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE MAC

### SURFACE WINDS

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

23044 BIGGS AAF TX (EL PASO) 73-80 JUN  
STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400  
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	.3	1.1	1.0	.1								2.5	6.8
NNE	.1	.8	.7	.3	.1							2.1	7.5
NE	.3	.7	1.3	.4								2.6	7.3
ENE		1.4	.8									2.2	6.4
E	.4	1.4	2.0	1.3	.6							5.6	9.2
ESE	.6	1.5	2.4	.6								5.0	7.8
SE	.6	2.5	5.2	1.4	.1							9.8	8.1
SSE	.4	2.1	1.7	1.7	.1							6.0	8.3
S	1.0	3.5	5.3	2.0								11.7	7.9
SSW	.7	3.2	2.1	1.7	.1							7.8	7.6
SW	.6	3.5	4.0	1.3	.1							9.5	7.5
WSW	.4	2.6	5.4	2.9	.8	.1						12.4	9.7
W	.3	2.1	5.6	4.0	.7							12.7	9.9
WNW	.6	.7	1.4	1.5	.1	.1						4.5	9.8
NW	.6	1.3	.3	.4								2.5	6.2
NNW	.6	.3	.7									1.5	5.9
VARBL													
CALM												1.5	
	7.3	28.7	39.7	19.5	2.9	.3						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 27044 JIGGS AAF TX (D. PASO) YEARS 73-80 MONTH JUN  
 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	1.1	1.4	1.2	1.8								5.6	7.9
NNE	.3	.9	1.5	.4								3.1	7.4
NE	.4	1.4	1.2	.4								3.5	7.0
ENE	.1	1.5	.7	.4								2.8	6.5
E	.8	1.8	2.4	.7								5.7	7.3
ESE	1.1	2.9	1.2	1.0								6.2	6.6
SE	.4	4.2	3.9	1.1								9.6	7.2
SSE	.7	3.1	3.3	1.1								8.2	7.3
S	1.1	6.4	7.4	1.0								15.8	6.7
SSW	.7	1.8	2.5	.3								5.3	6.7
SW	1.0	2.4	2.9	1.1	.1							7.5	7.2
WSW	1.0	1.7	2.9	2.5	.6							8.6	9.3
W	.6	1.2	3.5	3.2	.4							8.9	9.7
WNW	.4	.7	1.1	1.1								3.3	8.9
NW		.3	.7	.1								1.1	8.1
NNW	.3	.3		.1								.7	5.6
VARBL													
CALM												4.2	
	10.0	31.8	36.5	16.4	1.1							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

23044 51665 AAF TX (FL PASO) 73-80 JUN  
STATION STATION NAME YEARS MONTH  
 ALL WEATHER 0600-0800  
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	2.5	4.9	3.1	1.5								12.0	6.4
NNE	2.1	4.0	1.8	.7	.3							8.9	6.2
NE	2.1	4.5	1.0	.6								8.1	5.2
ENE	1.8	1.4	.3									3.5	4.0
E	1.1	2.9	.6	.4								5.0	5.4
ESE	1.3	2.5	1.0	.1								4.9	5.3
SE	1.9	3.5	2.8	.1								8.4	5.6
SSE	.8	1.9	2.5	.1								5.4	6.3
S	1.0	5.7	3.1									9.7	5.7
SSW	1.1	1.4	1.0	.1								3.6	5.5
SW	.4	1.4	1.3	1.0								4.0	7.8
WSW	.3	.1	1.7	1.5	.3							3.9	10.5
W	.1	.6	1.7	1.1	.6	.4						4.0	11.9
WNW	.1	.6	.4	.3								1.4	7.7
NW	.6	.7	.6	.1								1.9	5.8
NNW	.6	.6	.1	.3								1.5	5.9
VARBL													
CALM												13.6	
	17.8	36.6	22.3	8.1	1.1	.4						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 718



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 STATION      BIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      JUN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.5	4.7	4.0	.8								13.1	5.8
NNE	1.4	4.0	.7	.1								6.3	5.0
NE	1.5	3.5	.7	.4								6.1	5.2
ENE	1.4	2.9	1.1	.1	.1							5.7	5.4
E	.3	1.9	1.5	.3								4.0	6.4
ESE	1.1	2.9	1.0	.3								5.2	5.5
SE	1.7	3.6	1.1									6.4	4.6
SSE	.8	1.9	1.8	1.1								5.7	6.8
S	.7	2.5	2.8	.6								6.5	6.6
SSW	1.0	1.1	1.1	.1								3.3	5.6
SW	.7	1.4	.6	.4								3.1	6.0
WSW	.7	.7	.8	1.1	.7							4.0	10.0
W	.1	.8	.8	1.5	.7	.3						3.6	10.8
WNW	1.3	.8	1.0	.6	.4							4.0	7.6
NW	.8	1.3	.6	.1								2.8	5.1
NNW	.7	1.0	.3									1.9	4.6
VARBL													
CALM												18.1	
	17.7	35.1	19.9	7.7	1.3	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS      716

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044      RIGGS AAF TX (EL PASO)      73-80      JUL  
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	1.4	2.5	2.4	1.2	.1							7.6	7.3
NNE	1.4	2.1	1.1		.1							4.7	5.5
NE	.8	1.8	1.1	.1								3.9	5.5
ENE	.8	2.4	1.9	.1								5.3	6.2
E	2.1	2.8	2.1	.1								7.1	5.5
ESE	1.0	3.2	1.8	.6								6.5	6.1
SE	.6	3.5	4.9	.7								9.6	7.0
SSE	.6	2.2	2.5	.6								5.8	6.7
S	1.0	3.6	3.2	.8								8.6	6.8
SSW	.8	1.5	1.5	.3								4.2	6.1
SW	.8	1.1	.6	.1								2.6	5.5
WSW	.4	.6	1.8	1.8	.6	.1						5.3	10.8
W	.3	1.0	1.2	3.6	1.2	.1						7.5	12.4
WNW	.8	.8	1.7	1.4	.4	.3						5.4	10.1
NW	.6	1.0	.6	.6	.1							2.8	7.4
NNW	.6	.8	.3	.3								1.9	5.8
VARBL													
CALM												11.1	
	13.9	30.8	28.6	12.4	2.6	.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS      720

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

27044 BIGGS AAF TX (EL PASO)

73-80

MAY

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	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.4	2.2	.8	.1	.0						6.4	7.1
NNE	.8	2.0	1.0	.4	.0							4.2	6.1
NE	.7	1.9	.9	.2	.0	.0						3.5	6.1
ENE	.7	1.3	.7	.4	.1	.0						3.2	6.9
E	.5	1.5	1.2	1.0	.2	.0						4.4	8.2
ESE	.7	1.6	1.3	1.0	.1		.0					4.7	7.6
SE	.5	1.9	1.9	.8	.0							5.2	7.3
SSE	.3	1.5	1.9	.4	.1	.0						4.3	7.5
S	.7	2.8	3.0	.8	.1							7.3	7.2
SSW	.4	1.5	1.7	1.1	.2	.0						4.9	8.6
SW	.4	1.9	2.7	2.4	.5	.1						8.0	9.6
WSW	.4	1.1	3.0	4.3	1.3	.3	.0					10.3	11.7
W	.3	1.5	4.2	6.6	2.0	.3	.0					14.9	12.0
WNW	.2	.9	2.6	2.4	.6	.2						6.9	11.0
NW	.4	.9	1.4	.6	.2	.1						3.6	8.7
NNW	.3	1.1	.7	.2		.0						2.3	6.5
VARBL													
CALM												5.8	
	8.1	25.7	30.2	23.4	5.6	1.2	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 5948

GLOBAL CLIMATOLOGY SPANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23944 STATION      BIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      MAY MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	3.8	2.6	1.1								8.8	6.7
NNE	.5	1.2	1.1	.3								3.1	6.2
NE	.5	2.0	.7	.3		.1						3.6	6.5
ENE	1.2	1.2	.7	.9	.1							4.2	6.9
E	.4	2.0	1.9	1.8	.5	.1						6.7	9.3
ESE	.3	2.2	1.5	1.1								5.0	7.2
SE	.8	1.9	1.9	.4								5.0	6.9
SSE	.3	1.9	2.3	.1								4.6	6.9
S	.7	1.9	1.9	1.1								5.5	7.2
SSW	.4	1.2	1.2	.5		.1						3.5	7.8
SW	.4	1.8	.8	.9		.1						4.0	7.9
WSW	.1	.9	1.2	5.0	.3	.4						8.0	12.2
W	.1	1.3	3.1	8.1	2.4	.3						15.4	12.8
WNW		.5	3.2	2.8	1.3	.7						8.6	13.1
NW	.4	1.3	1.6	.7	.3							4.3	8.3
NNW	.3	1.6	2.0	.3								4.2	6.7
VARBL													
CALM												5.5	
	7.8	26.8	27.6	25.3	5.0	1.9						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23244 RIGGS AAF TX (EL PASO) 73-80 MAY  
STATION STATION NAME YEARS MONTH

ALL WEATHER  
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.3	.8	1.1	.1							5.0	7.2
NNE	.5	1.3	.4	.7								3.0	6.5
NE	.4	2.3	.4	.5	.3	.1						4.0	7.4
ENE	.4	1.2	.7	.8	.5	.1						3.8	9.8
E	.1	.8	.9	1.5	.7							4.0	10.9
ESE	.1	1.2	1.3	1.5			.1					4.3	9.4
SE	.5	.8	1.5	1.2	.1							4.2	8.6
SSE		.4	2.0	.5	.4	.1						3.5	10.5
S	.5	1.5	1.3	1.3	.1							4.8	8.2
SSW	.3	.9	.8	1.1	.4							3.5	9.3
SW	.3	2.3	2.2	1.7	.7							7.1	9.3
WSW	.7	2.6	3.9	4.8	.9	.8						13.7	10.9
W	.3	3.1	4.7	8.9	2.6	.4						19.9	12.0
WNW	.3	.9	3.8	3.0	1.2	.5						9.7	11.5
NW	.4	.5	2.7	.3	.3							4.2	8.9
NNW	.1	1.2	.5	.3								2.2	6.8
VARBL													
CALM												3.2	
	6.6	22.4	28.0	29.2	8.3	2.2	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 STATION      BIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      MAY MONTH  
 ALL WEATHER CLASS      1500-1700 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	.5	.9	.3	.1						2.7	10.8
NNE	.4	.8	.3									1.5	5.2
NE	.1	.3	.3	.3								.9	7.6
ENE	.1	.1	.1	.3	.3							.9	12.0
E	.1	.8	.9	1.7	.4							4.0	10.7
ESE	.3	.5	.4	1.3	.5							3.1	11.3
SE		1.3	2.0	1.6	.1							5.1	9.3
SSE	.3	.5	1.9	.9	.4	.1						4.2	9.9
S	.4	1.5	3.2	.5	.3							5.9	8.3
SSW	.1	.9	2.3	2.2	.5							6.0	10.5
SW	.3	1.9	4.2	6.2	.9							13.4	10.9
WSW	.1	1.3	5.1	6.2	2.7	.5	.1					16.1	12.4
W	.5	1.7	5.6	9.5	4.6	.5						22.6	12.6
WNW	.1	.9	2.4	2.6	.5							6.6	10.5
NW	.1	.7	1.2	.9	.1	.1						3.2	10.3
NNW	.1	.5	.9	.5								2.2	8.8
VARBL													
CALM												1.5	
	3.2	14.8	31.5	35.8	11.7	1.5	.1					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS      744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23044  
 STATION

RIGGS AAF TX (EL PASO)  
 STATION NAME

73-80  
 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		.9	.9	.1								2.0	7.5
NNE	.3	.5	.4									1.2	5.8
NE	.1	1.2	.3	.3								1.9	6.1
ENE		.8	.5	.1	.1							1.6	8.3
E	1	.5	1.2	.9	.1							3.0	9.7
ESE	.3	.9	2.2	1.6	.1							5.1	9.3
SE	.3	1.9	3.4	1.5								7.0	8.2
SSE		1.3	1.7	.8								3.9	7.9
S	.4	3.6	4.2	1.2	.3							9.7	7.9
SSW	.1	2.0	1.5	3.1	.4							7.1	9.8
SW	.3	1.9	4.2	4.7	1.7	.4						13.2	11.4
WSW	.4	1.2	4.6	7.1	2.6	.3						16.2	12.2
W		1.5	6.1	7.5	2.2	.4						17.6	11.7
WNW	.1	.9	1.7	1.5	.5	.1						5.0	11.0
NW	.1	.5	.9	1.1	.1							2.8	9.8
NNW		.8	.4	.1								1.3	6.5
VARBL													
CALM												1.3	
	2.6	20.7	34.2	31.8	8.2	1.2						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIP WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044  
STATION

BIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.3	2.7	.4								5.0	7.3
NNE	.7	1.5	1.9	.8								4.8	6.9
NE	.4	1.5	.5	.1								2.6	5.7
ENE	.5	.7	1.1	.4								2.7	6.8
E	.7	1.5	.8	1.1	.1							3.8	8.4
ESE	.5	1.5	2.6	2.2								6.7	8.6
SE	.3	1.9	2.8	1.2								6.2	7.9
SSE	.1	1.9	1.9	.3	.1							4.3	7.1
S	.8	4.6	4.3	1.1								10.8	7.0
SSW	.9	1.3	1.7	.5	.1							4.7	7.5
SW	.1	2.7	5.0	2.4	.4	.1						10.8	9.3
WSW	.3	.5	3.1	4.8	1.3	.1						10.2	12.1
W	.1	1.5	2.1	7.5	.4							14.8	11.0
WNW	.3	1.1	2.2	2.6	.1							6.2	9.5
NW	.1	1.3	.5	.3								2.3	6.2
NNW	.1	.7	.3	.1		.1						1.3	8.4
VARBL													
CALM												3.0	
	6.3	25.4	36.4	25.8	2.7	.4						102.0	6.5

TOTAL NUMBER OF OBSERVATIONS

744



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIP WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 FIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

3600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	4.3	3.6	1.7								10.3	7.0
NNE	1.5	4.4	1.5	.7								7.8	6.0
NE	1.9	2.8	2.0									6.7	5.5
ENE	1.1	1.2	.3	.4								3.0	5.5
E	.9	2.2	2.0	.5								5.6	6.5
ESE	1.6	2.4	.9	.3								5.2	5.3
SE	.9	3.1	2.0									6.0	5.6
SSE	.1	2.4	1.2	.3								4.0	6.5
S	1.2	3.2	4.3									8.7	6.2
SSW	.3	1.5	2.3	.9								5.0	8.2
WSW	.3	1.7	2.2	.9								5.1	8.1
W	.3	.8	1.7	1.6	.4							4.8	10.0
WNW	.1	.7	4.7	2.8	.5							8.5	10.4
NW	.1	.7	1.6	1.9	.3							4.6	10.0
NNW	.5	.1	.9	.3	.3							2.2	8.9
NNW	.7	.8										1.5	3.7
VARBL													
CALM												10.9	
	12.6	32.1	30.9	12.0	1.5							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23044 WIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS 44 MONTH  
 CLASS ALL WEATHER 0300-0500 HOURS (L.S.T.)  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	4.4	2.7	.8								9.9	6.1
NNE	1.5	4.4	1.6	.3								7.8	5.3
NE	.8	3.1	1.7	.3								5.9	5.9
ENE	1.2	2.0	.9	.4								4.6	5.6
E	2.0	3.0	.9	.1								6.0	4.7
ESE	1.2	2.0	.9									4.2	4.9
SE	.9	2.6	1.1									4.6	5.1
SSE	.4	1.3	1.7	.1								3.6	6.5
S	.7	2.4	2.2	.1	.1							5.5	6.5
SSW	.4	1.3	1.7									3.5	6.4
SW	1.2	1.5	1.2	1.3								5.2	7.1
WSW	.7	.7	1.9	1.1	.7	.1						5.1	10.1
W	.7	.8	2.2	3.4	.9	.4						8.7	11.3
WNW	.5	1.2	2.7	1.6	.4	.1						6.7	9.7
NW	.4	.9	2.2	.5	.3	.3						4.7	9.4
NNW	.4	1.6	.7	.1								2.0	7.6
VA*BL													
CALM												11.7	
	15.1	33.3	26.3	10.2	2.4	.9						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 27044 HIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS  
 MONTH MAY  
 CLASS ALL WEATHER HOURS (L.S. '.) 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	1.1	2.4	3.5	.8								7.8	7.1
NNE	.7	1.7	.8	.7	.1							4.0	7.2
NE	1.1	2.3	1.1	.1								4.6	5.4
ENE	.8	2.8	1.1									4.7	5.3
E	.1	1.1	.8	.3								2.3	6.8
ESE	.9	2.3	.4	.3								3.9	5.0
SE	.4	2.0	.7	.1								3.2	5.8
SSE	1.2	2.4	2.2	.3								6.1	5.9
S	.9	3.4	2.7	.8								7.8	6.7
SSW	.3	2.4	2.2	.5	.1							5.5	7.3
SW	.4	1.5	2.2	1.2								5.2	7.9
WSW	.4	.8	2.2	3.4	1.2	.1						8.1	12.0
W	.5	1.3	2.2	5.0	2.6	.7	.1					12.4	12.9
WNW	.4	.5	2.8	3.0	.5	.4						7.7	11.2
NW	.9	1.3	1.5	.8	.4							5.0	7.8
NNW	.4	1.2	.9									2.6	5.5
VARBL													
CALM												7.2	
	10.6	29.6	27.1	17.2	5.0	1.2	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIP WEATHER SERVICE/MAC

## SURFACE WINDS

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

23044 STATION      RIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      APR MONTH

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

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.8	2.1	.8								6.6	6.6
NNE	.9	2.8	1.1	.4		.0						5.3	5.9
NE	.7	2.0	.9	.3	.1							4.0	6.3
ENE	.4	1.3	.5	.2	.1	.0						2.6	6.5
E	.7	1.5	1.3	.7	.1							4.3	7.5
ESE	.5	1.1	1.0	.5	.1							3.1	7.4
SE	.5	2.2	1.8	.5	.0							5.0	6.8
SSE	.5	1.6	1.4	.5	.1							4.0	7.0
S	.7	2.8	3.1	.5	.1							7.2	6.8
SSW	.4	2.1	2.3	1.1	.2	.2	.0					6.4	8.5
SW	.4	1.8	2.9	2.3	.6	.0						8.0	9.6
WSW	.2	1.3	1.9	3.8	1.1	.6	.1					9.0	12.5
W	.3	.0	3.2	5.4	2.1	1.0	.2	.0				13.2	13.5
WNW	.2	.9	2.0	3.2	1.5	.6	.1	.0				8.6	13.0
NW	.3	.9	1.3	1.1	.4	.3	.0					4.2	10.7
NNW	.2	.6	.8	.6	.1	.0						2.3	8.3
VARBL													
CALM												6.3	
	7.7	26.8	27.6	21.9	6.4	2.7	.4	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS      5757

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 STATION      IGGG AAF TX (EL PASO) STATION NAME      73-80 YEARS      APR MONTH  
 ALL WEATHER CLASS      2100-2300 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	4.1	1.7	1.9								8.7	7.0
NNE	.8	2.4	1.1	.4	.1	.1						5.0	6.9
NE	.4	2.6	1.0		.1							4.2	5.8
ENE	.1	2.2	.6		.1							3.1	6.1
E	.7	2.4	2.2	1.1	.1							6.5	7.6
ESE	.4	1.0	1.8	1.0								4.2	8.0
SE	.7	2.8	1.2	.3								5.0	6.1
SSE	.1	1.8	.8	.3	.1							3.2	7.2
S	.7	1.2	1.8	.3								4.0	6.7
SSW	.1	1.4	.7	.3	.1							2.6	7.5
SW	.1	2.2	1.2	2.5	.4							6.5	9.4
WSW	.4	1.2	1.5	2.2	.8	.3	.1					6.7	11.5
W	.3	1.1	1.8	6.4	2.2	.3						12.1	13.1
WNW	.3	1.2	2.1	3.6	2.6	.6						10.4	13.0
NW	.4	.8	2.6	2.4	.8	1.1	.1					8.3	12.7
NNW	.6	1.1	1.7	.3	.1							3.7	7.3
VARBL													
CALM												5.1	
	7.4	29.6	23.9	22.9	7.9	2.4	.3					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS      720

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 RIGGS AAF TX (EL PASO) 73-80 APR  
 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	≥56	%	MEAN WIND SPEED
N	.3	1.9	.8	.4								3.5	6.4
NNE	.4	2.4	.6	1.0	.1							4.5	7.2
NE	.7	1.3	.7	.6								3.2	6.7
ENE	.1	1.7	.1	.3	.1							2.4	6.8
E		1.1	1.7	1.3	.1							4.2	9.7
ESE		1.3	2.2	1.0	.1							4.7	8.6
SE	.1	1.7	1.5	.4								3.8	7.1
SSE	.1	.8	1.1	.7	.1							2.9	8.7
S		1.4	1.7	.3								3.3	7.1
SSW	.1	1.5	1.4	.4	.6	.4	.1					4.6	10.8
SW	.4	2.6	1.5	1.0	.3	.1						6.0	8.1
WSW	.4	2.2	2.2	5.3	1.3	1.3						12.7	12.4
W	.3	1.3	3.6	8.9	2.2	1.1	.1					17.5	13.4
WNW	.4	1.5	3.3	4.3	1.9	.6	.1					12.2	12.4
NW	.1	1.3	1.3	1.3	1.0	.4						5.3	11.8
NNW		.8	.7	.8	.3							2.6	10.0
VARBL													
CALM												6.7	
	3.9	24.8	24.5	27.8	8.2	3.9	.4					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

23244 BIGGS AAF TX (EL PASO)

73-80

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.4	.8	.3								1.7	7.6
NNE		.4	.3									.7	6.2
NE	.1	.1	.3	.1								.7	7.4
ENE		.4	.7	.1	.3							1.5	9.4
E	.4	.8	1.0	1.4								3.6	9.3
ESE	.1	.7	.1	.8	.1							1.9	10.2
SE	.3	1.0	1.9	1.0								4.2	8.5
SSE	.3	1.0	.8	1.1	.1							3.3	8.9
S	.3	2.1	3.7	.8								6.9	7.8
SSW	.4	1.8	3.5	2.8	.6	.6						9.6	10.3
SW	.1	2.1	4.7	3.5	1.1							11.5	10.5
WSW		1.8	3.7	5.8	2.2	2.1	.3					16.0	13.6
W	.3	.7	3.7	8.6	5.0	2.8	.3	.1				21.5	15.2
WNW		1.5	2.4	2.4	2.2	1.1	.3					9.9	13.8
NW		.7	.7	.6	.6		.1					2.1	11.4
NNW		.4	.6	.7		.1						1.1	10.4
VARBL													
CALM												2.3	
	2.5	16.0	29.0	30.0	12.2	6.7	1.0					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

720





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 LIGGS AAF TX (EL PASO) 73-80  
STATION STATION NAME YEARS

ALL OTHER 0900-1100  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.8	2.4	.1								4.6	6.8
NNE	1.5	1.7	1.7	1.0								5.8	6.9
NE	.7	1.5	.6	1.0								3.3	7.4
ENE	.6	.3	.3	.4								1.5	7.7
E	.7	.8	1.5	1.1	.3							4.5	8.5
ESE	.6	.8	1.4	.7								3.5	7.8
SE	.7	1.9	3.2	.8								6.7	7.4
SSE	.3	1.7	1.5	.6								4.0	7.2
S	.8	3.8	5.3	.8	.1							10.8	7.1
SSW	.7	2.8	3.3	2.1	.3	.1						9.3	8.5
SW	.3	2.2	5.1	2.4	.4							10.4	9.3
WSW	.4	.7	1.1	4.7	.8	.6						8.3	13.0
W	.3	1.1	3.6	4.9	2.4	1.4	.3					13.9	13.8
WNW	.1	.1	1.0	3.2	.1							4.6	12.1
NW	.4	.7	1.1	1.3								3.5	8.8
NNW	.1	.3	.1	.8								1.4	9.5
VARBL													
CALM												3.8	
	8.1	22.3	33.2	25.9	4.5	2.1	.3					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 RIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	5.8	4.6	1.0								13.1	6.4
NNE	1.5	5.0	2.5	.3								9.3	5.6
NE	1.9	2.9	1.5		.1							6.5	5.3
ENE	1.2	1.7	1.5	.3								4.7	5.8
E	1.5	1.7	1.0									4.2	4.8
ESE	.7	1.4	.4									2.5	4.8
SE	.7	2.4	1.0	.1								4.2	5.5
SSE	.4	2.8	2.6	.1								6.0	6.4
S	1.4	5.3	4.2	.1								11.0	6.0
SSW	.4	2.6	2.9		.1							6.1	7.0
SW		.6	1.7	.3	.1							2.6	9.2
WSW		.6	.7	1.4	.6							3.2	11.7
W		1.0	2.6	2.5	.3	.3						6.7	11.1
WNW	.3	.8	2.1	1.8	1.1	.7						6.8	12.5
NW	.4	.8	.8	.4								2.5	7.2
NNW		1.2		.3								1.5	6.2
VARBL													
CALM												9.2	
	12.2	36.5	30.1	8.6	2.4	1.0						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23044 SIGGS AAF TX (EL PASO) 73-80 APR  
 STATION STATION NAME YEARS MONTH  
 ALL WEATHER CLASS 0300-0500  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.9	3.6	.6								9.9	6.1
NNE	2.2	6.7	1.5									10.4	4.9
NE	.7	4.0	1.7		.1							6.5	5.5
ENE	.7	2.1	.3			.1						3.2	5.6
E	1.4	2.1	.7		.1							4.3	5.1
ESE	1.2	1.4		.1								2.8	4.4
SE	.8	3.3	1.1									5.3	5.1
SSE	.8	1.8	.8									3.5	5.1
S	1.0	3.1	2.2	.3								6.5	6.0
SSW	.6	1.9	2.1	.4								5.0	6.9
SW	1.4	1.4	2.2	.8								5.8	7.2
WSW	.3	1.5	1.5	1.4	.3	.1						5.1	9.3
W	1.0	.6	1.8	1.8	.7	.1						6.0	10.2
WNW	.6	.4	1.8	2.8	1.5	.6	.1	.1				7.9	13.6
NW	.1	.8	.8	1.0	.3	.1						3.2	10.5
NNW	.6	.3	1.5	.4								2.8	7.4
VARBL													
CALM												11.8	
	15.1	35.3	23.7	9.6	3.1	1.1	.1	.1				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044  
STATION

DIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.6	2.6	1.8								9.2	7.0
NNE	.8	3.2	1.0	.1								5.1	5.2
NE	.8	2.1	.6	.4								3.9	5.7
ENE	.6	2.2	.3	.1								3.2	5.4
E	.4	2.5	1.5									4.5	6.2
ESE	.3	1.9	.6	.1								2.9	5.6
SE	.7	2.5	1.1									4.3	5.3
SSE	1.5	1.8	1.3	.4								5.0	5.8
S	1.0	2.8	1.9	.3								6.0	5.9
SSW	.6	2.8	1.4	.1								4.9	5.6
SW	.3	1.4	2.1	2.5	.3							6.5	9.5
WSW	.3	1.1	1.7	3.1	.8							7.0	11.2
W	.1	1.4	3.1	3.3	.7	.3						8.9	11.1
WNW	.3	1.1	1.3	4.5	1.5	1.1	.1					9.9	13.4
NW	.7	.6	1.8	1.5	.1	.4						5.1	10.2
NNW	.7	.7	1.1	1.1								3.6	7.9
VARBL													
CALM												10.0	
	10.2	31.7	23.2	19.5	3.5	1.8	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 719



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 BIGGS AAF TX (EL PASO)

73-80

MAR  
 MONTH

ALL WEATHER  
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.7	2.8	.1	.1							6.5	6.3
NNE	1.1	3.0	.9									5.0	5.1
NE	1.9	2.9	1.1									5.8	4.8
ENE	.3	2.3	.5									3.1	5.3
E	.5	2.0	1.5	.1								4.2	6.2
ESE		1.9	.4	.4								2.7	6.4
SE	.5	1.3	.7									2.6	5.4
SSE	.4	1.5	.7	.1								2.7	5.7
S	1.2	3.2	2.4	.3								7.1	6.0
SSW	.4	1.9	1.2	.5	.1	.1	.1					4.4	8.4
SW	.4	1.6	2.3	2.2	.9	.4						7.8	11.2
WSW	.3	1.1	2.3	3.2	2.3	.4						9.5	12.7
W	.1	.8	2.8	4.8	2.4	.8						11.8	13.6
WNW		.7	2.6	5.5	1.6	.3	.3					10.9	13.3
NW	.3	1.3	2.2	1.3	.9	.4	.1					6.6	11.3
INW	.7	.9	1.1	.4								3.1	6.8
VARBL													
CALM												6.3	
	9.7	28.1	25.4	19.1	8.5	2.4	.5					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 27044 STATION NAME RIGGS AAF TX (EL PASO) YEARS 73-80 MONTH JUL  
 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	8.3	5.2	1.3								17.4	6.2
NNE	3.5	4.8	1.5									9.8	4.8
NE	3.1	6.1	.4									9.6	4.3
ENE	.9	3.1	.3	.1								4.4	5.0
E	.9	3.4	.8		.1							5.2	5.3
ESE	1.2	3.0	.3	.3								4.7	5.0
SE	1.1	3.2	1.3		.1							5.8	5.6
SSE	.5	1.5	2.2	.3								4.4	7.0
S	.4	2.4	3.0	.1								5.9	6.5
SSW	.7	1.6	1.3	.1								3.8	6.2
SW	.3	1.5	1.6	.7								4.0	7.3
WSW		.9	1.2	1.2	.1							3.5	9.0
W	.1	.4	.7		.1	.1						1.5	8.8
WNW	.7	.8										1.5	4.0
NW	.8	.7	.1									1.6	4.3
NNW	.3	.9	.3	.1								1.6	5.7
VARBL													
CALM												15.2	
	17.0	42.7	20.2	4.3	.5	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SE-VICE/MAC

## SURFACE WINDS

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

27044 STATION HIGGS AAF IX (EL PASO) STATION NAME 73-80 YEARS JUL 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	1.7	6.7	6.7	1.5								16.7	6.6
NNE	2.0	7.1	1.9	.3								11.3	5.2
NE	3.0	3.6	1.1	.4	.1							6.2	5.3
ENE	1.5	2.2	1.1	.4								5.1	5.4
E	.9	2.7	1.2									4.8	5.3
ESE	1.9	2.3	.7	.4								5.2	5.1
SE	1.5	3.2	1.2									5.9	5.2
SSE	.7	2.2	3.8	.4								7.0	6.8
S	.9	4.6	4.2	.4								10.1	6.5
SSW	.7	1.5	1.5									3.6	5.9
SW	.3	1.3	2.3	.1								4.0	6.9
WSW	.3	1.1	.9	.5								2.8	7.3
W	.1	.7	.7	.1								1.6	7.1
WNW		.1	.1									.3	6.0
NW	.4	.3	.4									1.1	5.0
NNW	.5	.3										.8	3.5
VARBL													
CALM												11.4	
	16.4	39.8	27.7	4.6	.1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 744





GLOPAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23144 STATION      PIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      JUL MONTH  
 ALL WEATHER CLASS      1200-1400 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.2	1.1	.1								2.8	6.4
NNE	.7	1.5	1.7									3.9	5.9
NE	.5	2.3	1.7	.7		.3						5.5	7.9
ENE	.3	1.3	1.7	.7	.1							4.2	7.9
E		1.6	3.8	1.3								6.7	8.7
ESE	.7	3.0	3.6	1.1	.3							8.6	7.8
SE	.9	3.2	5.0	2.3								11.4	8.7
SSE	.4	1.6	3.0	1.5	.3							6.7	8.7
S	1.2	4.6	7.9	1.1								14.8	7.1
SSW	.4	3.2	2.8	.3								6.7	6.5
SW	.5	2.8	4.6	.3								8.2	7.1
WSW	.4	1.9	1.6	.5								4.4	6.8
W	.4	3.6	2.2	.5								6.7	6.7
WNW		1.3	1.2									2.6	6.4
NW	.3	.8	.4									1.5	5.3
NNW	.1	1.1	.5									1.7	5.6
VARBL													
CALM												3.5	
	7.3	35.1	42.9	10.3	.7	.3						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS      744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

27044 STATION      BIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      JUL 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	.4	1.6	1.1	.5	.3	.1						4.0	6.4
NNE	.3	1.1	1.2	.4								3.0	7.5
NE	.1	1.1	2.0	1.1	.1	.3						4.7	9.8
ENE	.7	.7	1.9	.9	.3	.1						4.6	9.3
E		1.2	4.7	4.0	.3							10.2	10.1
ESE	.7	2.2	4.2	2.7	.5							10.2	9.3
SE	1.1	3.0	5.9	3.4	.3							13.6	8.9
SSE	.5	1.7	2.0	1.3	.1							5.8	8.1
S	1.1	3.5	5.9	2.0	.3	.1						12.9	8.2
SSW	.7	2.6	1.6			.1						5.0	6.4
SW	1.2	2.8	2.6	.5								7.1	6.4
WSW	.3	1.9	1.5	.4		.1						4.2	7.3
W	.7	1.9	2.4	.4								5.4	7.0
WNW	.3	.8	1.5	.3								2.8	7.6
NW	.5	.9	.7	.4	.3							2.8	7.9
NNW		.8	.5									1.3	6.4
VARBL													
CALM												2.4	
	8.5	27.7	39.7	18.4	2.4	.9						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23-44 STATION BIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS JUL MONTH 1900-2000 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	.5	3.1	2.6	.5								6.6	6.9
NNE	.3	1.7	1.9	.7	.3							4.8	7.8
NE	.1	1.7	.8	.5	.3							3.5	7.7
ENE	.3	1.3	2.2	1.2	.1							5.1	8.8
E	.5	1.7	4.8	4.8	.4	.1						12.5	10.0
ESE	.8	3.1	4.4	4.6	.1							13.0	8.9
SE	.4	3.4	5.4	3.9	.3							13.3	9.0
SSE	.1	.9	2.8	1.2	.3							5.4	9.1
S	.5	5.4	5.6	1.5								13.0	7.3
SSW	.3	1.1	1.2	.5								3.1	7.6
SW	.5	2.3	.7	.3	.3							4.0	6.7
WSW	.9	.7	1.3	.3								3.2	6.2
W		1.7	1.5	.3	.4							3.9	8.2
WNW	.4	.3	1.1	.7	.1							2.6	9.3
NW	.1	.7	.5	.1								1.5	7.1
NNW	.4	.5	.3	.3								1.5	6.3
VARBL													
CALM												3.6	
	6.3	29.6	37.1	21.4	2.6	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

2544 STATION      HIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      JUL MONTH  
 ALL WEATHER CLASS      2100-2300 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.6	3.2	2.4	.7							11.0	6.3
NNE	.9	2.7	1.3	1.5	.1							6.6	7.4
NE	.9	1.6	.8	.7	.1							4.2	6.7
ENE	.1	1.2	1.2	.7								3.2	7.8
E	.9	4.6	4.0	2.3								11.8	7.5
ESE	.7	3.8	6.6	4.8	.1							16.0	8.9
SE	.9	3.9	5.4	1.7								12.0	7.3
SSE	.8	1.6	2.4	.5	.1							5.5	7.5
S	.7	2.4	3.0	1.1	.1							7.3	7.9
SSW	.4	1.2	1.1	.4								3.1	6.9
SW	.7	1.5	1.1	.5	.1							3.9	6.9
WSW	.1	1.3	.8	.5	.4							3.2	8.6
W	.5	.5	1.2	.8	.1							3.2	8.3
WNW		.7	.1	.7	.1							1.6	9.8
NW	.3	.7	.9	.1	.1	.1						2.3	8.5
NNW	.4	.4	.3	.1								1.2	6.0
VARBL													
CALM												3.9	
	9.5	31.7	33.5	19.0	2.3	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

27.44 STATION BIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS JUL MONTH  
ALL WEATHER CLASS ALL HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	4.1	3.1	1.0	.2	.0						4.5	6.9
NNE	1.3	3.1	1.7	.4	.1							6.5	6.0
NE	1.1	2.9	1.0	.5	.1	.1						5.7	7.2
ENE	.6	1.7	1.3	.6	.1	.						4.3	7.1
E	.7	2.7	2.8	1.7	.1	.0						8.0	8.6
ESE	1.0	3.0	3.1	1.9	.1	.0						9.2	7.8
SE	1.0	3.7	4.0	1.6	.1							10.4	7.4
SSE	.5	2.1	2.9	.8	.1							6.3	7.5
S	.8	4.2	5.2	.9	.1	.0						11.1	7.1
SSW	.6	2.1	1.8	.3		.0						4.7	6.5
SW	.7	2.0	2.2	.4	.1							5.3	6.9
WSW	.4	1.1	1.2	.6	.1	.0						3.3	7.5
W	.4	1.3	1.3	.4	.1	.0						3.6	7.4
WNW	.2	.7	.6	.3	.0							1.9	7.5
NW	.3	.6	.4	.1	.1	.0						1.5	6.5
NNW	.3	.6	.3	.1								1.3	5.5
VARBL													
CALM												7.3	
	11.0	35.9	32.9	11.5	1.2	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

27044 STATION      WIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      AUG MONTH

ALL WEATHER CLASS      3000-0200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	5.4	1.6	1.7	.1							13.3	7.1
NNE	1.3	3.2	.7	.1								5.4	5.0
NE	1.9	1.3	1.1									4.3	4.7
ENE	1.3	2.4	.7									4.4	4.5
E	.9	3.1	.7			.1						5.4	5.5
ESE	1.1	2.7	1.5	.4								5.7	6.0
SE	2.8	1.8	3.0	.3	.1							11.0	5.6
SSE	.7	2.4	2.4	.1								5.7	6.6
S	1.6	2.7	4.2	.4								9.9	6.4
SSW	.1	1.5	.7	.3								2.6	6.8
SW	.7	2.2	2.2	.9	.1							5.7	7.7
WSW	.4	.9	.8	.5								2.7	7.4
W	.3	.8	.3	1.6	.1							3.1	10.0
WNW	.5	.8	.5	.5								2.4	7.1
NW	.3	.5	.4	.1								1.3	5.5
NNW	.5	1.3	1.3									3.2	6.0
VARBL													
CALM												14.9	
	15.6	36.7	24.9	7.1	.5	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS      743

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 27044 STATION NAME GIGGS AAF TX (EL PASO) YEARS 73-80 MONTH AUG  
 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	7.3	4.7	1.2								15.6	6.1
NNE	3.4	6.5	1.1	.1								11.0	4.5
NE	2.0	5.2	.4									7.7	4.3
ENE	1.3	2.4	.1	.3								4.2	4.4
E	2.3	2.2	.8									5.2	4.6
ESE	.9	3.1	.9									5.0	5.0
SE	.9	3.0	1.7	.1								5.8	5.5
SSE	.9	4.0	2.4	.3								7.7	5.9
S	1.5	3.9	2.8	.4								8.6	6.0
SSW	.5	.5	1.1	.1								2.3	6.5
SW	.1	.7	1.7	.4								3.0	8.0
WSW		.5	1.3	.1								2.0	7.7
W	.3	.7	.9	1.1								3.0	8.8
WNW	.4	.4	.4									1.2	5.4
NW	.4		.1									.5	4.0
NNW	.4	1.6	.3									2.3	5.1
VARBL													
CALM												15.1	
	17.9	41.9	21.0	4.2								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 744





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

27044 STATION FIBBS AAF TX (EL PASO) STATION NAME 77-80 YEARS  
 CLASS ALL WEATHER MONTH AU  
 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	.4	3.2	2.4	.1								5.6	6.1
NNE	.4	2.2	.9									3.5	5.6
NE	.2	3.0	1.5	.1	.1							5.7	5.9
ENE	.3	2.6	1.1	.3								4.2	5.3
E	.7	2.7	2.3	.8								6.5	7.0
ESE	.7	3.1	2.3	.7								6.7	6.7
SE	1.3	5.0	3.9	.7								10.9	6.3
SSE	.5	4.3	4.4	.1								9.4	6.5
S	1.3	8.6	7.7									17.6	6.3
SSW	.1	2.4	1.7	.1								4.4	6.5
SW	.2	2.2	2.7	.3								5.9	6.7
WSW	.5	.7	.8	.3								2.3	6.6
W	.5	.9	1.9	.4								3.8	7.1
WNW	.4	1.1	.7									2.2	5.3
NW	.4	.7	.4									1.5	5.1
NNW	.7	.9	.3	.1	.1							2.2	5.7
VARBL													
CALM												6.7	
	10.5	43.5	35.0	4.0	.5							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

22044 STATION      HIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      AUG MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.3	1.1	.3	.1							4.3	6.1
NNE	.4	1.1	.7									2.2	5.5
NE	.4	2.0	.9	.5	.1							4.0	5.9
ENE	.5	1.5	.5	.1	.1							2.8	6.1
E	.5	2.2	2.2	.5	.1							6.5	8.2
ESE	.9	2.7	2.4	.8								6.7	7.0
SE	1.1	3.4	4.0	1.7	.1							10.3	7.5
SSE	.1	3.6	2.4	.7								6.9	7.1
S	1.1	6.6	6.0	.7								14.4	6.4
SSW	.7	2.3	3.4	.1								6.5	6.8
SW	.5	3.6	4.8	.3								9.3	6.5
WSW	.1	2.6	1.6	.3								4.6	6.5
W	.4	2.8	4.2	.7								8.1	7.2
WNW	.4	1.1	1.1	.4								3.0	7.0
NW		1.6	1.1	.3								3.0	7.2
NNW	.4	.8	.5	.1								1.9	6.4
VARBL													
CALM												5.3	
	8.1	40.1	37.0	8.5	.7							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS      744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 2244 BIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS AUG MONTH  
 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	.7	2.3	1.3	.1								5.0	5.7
NNE	.3	.7	.4									1.3	5.8
NE	.3	1.2	.7	.5	.3							3.0	8.4
ENE		1.2	1.9	1.1								4.2	8.8
E	.4	1.6	2.6	3.6								8.2	9.7
ESE	.9	1.6	4.2	2.4	.5							9.7	9.0
SE	.4	2.7	5.0	1.3	.3							9.7	8.3
SSE	.4	2.0	2.4	1.2	.1							6.2	8.2
S	.4	4.7	7.1	2.0	.1							14.4	7.9
SSW	.3	2.3	2.4	.3								5.2	7.0
SW	.3	3.6	3.5	.7	.1							8.2	7.2
WSW	.7	.5	1.7	.5								3.5	7.3
W	.8	1.7	4.0	1.3	.1							8.1	8.2
WNW	.5	1.2	2.3		.1							4.2	7.4
NW	.3	1.2	1.1		.1							2.7	6.5
NNW		.8	.8	.7								2.3	9.0
VARBL													
CALM												4.2	
	6.6	30.0	41.5	15.9	1.9							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 STATION      HIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      AUG MONTH  
 ALL WEATHER CLASS      1800-2000 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥36	%	MEAN WIND SPEED
N	.8	2.3	2.8	.8	.1							6.9	7.5
NNE	.1	.4	.9	.4								1.9	8.2
NE	.9	2.6	.8	.4	.1							4.9	6.4
ENE	.3	1.9	1.3	.9								4.5	7.7
E	.3	1.8	2.8	2.4	.4							7.7	9.4
ESE	.3	3.7	3.1	2.2	.4							8.9	8.5
SE	.5	4.6	4.6	1.3	.3							11.3	7.9
SSE	.1	3.2	4.3	2.0	.1							9.9	8.1
S	.4	4.9	5.4	1.8	.1							12.6	7.5
SSW	.3	1.3	1.5	.7	.3	.1						4.2	8.5
SW	.4	1.3	1.6	.4	.1							3.9	7.7
WSW	.1	2.3	1.9	1.1	.1							5.5	8.1
W	.3	2.2	1.9	.9	.3							5.5	8.1
WNW	.3	1.1	1.8	.5	.4							4.0	9.0
NW	.4	.9	.4	.3	.1							2.2	7.1
NNW	.4	.5	.7	.3	.1	.1						2.2	8.2
VARBL													
CALM												4.0	
	5.9	34.3	35.9	16.5	3.1	.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

22044 STATION      LIGGS AAF TX (FI PASO) STATION NAME      73-80 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	.9	3.9	3.4	1.8								17.0	7.4
NNE	.1	1.8	1.2	.3								3.4	6.4
NE	.5	1.6	1.5	.3								3.9	6.2
ENE	.4	1.5	.3	.4								2.6	5.8
E	1.5	2.3	4.2	.7	.1	.1						8.9	7.2
ESE	1.5	4.3	4.3	1.6	.1							11.9	7.2
SE	1.5	5.3	5.1	1.1								13.0	6.6
SSE	.4	3.0	3.5	.7								7.6	7.0
S	.4	4.5	3.2	1.3								9.4	7.2
SSW	.3	1.6	1.1	.8								3.8	7.6
SW	.3	1.3	.9	.8	.1							3.5	7.8
WSW	.3	1.2	.7	1.1								3.2	8.4
W	.1	.8	1.8	1.8	.3							4.7	9.7
WNW	.4	.4	1.1	.5								2.4	8.1
NW	.7	.3	.3									1.2	4.8
NNW	.5	.4	1.1	.4								2.4	7.3
VARBL													
CALM												8.1	
	9.2	34.1	33.6	13.5	.7	.1						170.0	6.6

TOTAL NUMBER OF OBSERVATIONS      741

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/4AC

## SURFACE WINDS

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

27044 WIGGS AAF TX (EL PASO) 73-80 AUG  
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	1.3	4.5	3.4	.9	.1							10.1	6.5
NNE	1.1	2.6	.9	.1								4.7	5.2
NE	1.1	2.7	.9	.3	.1							5.1	5.6
ENE	.7	2.0	.8	.4	.0							4.0	6.0
E	1.1	2.5	2.1	1.1	.1	.0						6.9	7.3
ESE	1.0	2.7	2.4	1.0	.1							7.3	7.1
SE	1.2	4.0	3.5	.8	.1							9.7	6.8
SSE	.5	3.2	3.1	.7	.0							7.6	7.0
S	.9	4.9	5.1	.9	.0							11.9	6.8
SSW	.3	1.6	1.5	.3	.0	.0						3.9	7.0
SW	.4	2.0	2.4	.5	.1							5.3	7.2
WSW	.7	1.1	1.2	.5	.0							3.1	7.5
W	.3	1.3	2.0	1.0	.1							4.8	8.2
WNW	.4	.9	1.0	.3	.1							2.5	7.3
NW	.3	.7	.5	.1	.0							1.7	6.1
NNW	.4	.9	.7	.2	.0	.0						2.2	6.7
VARBL													
CALM												9.2	
	11.4	37.6	31.7	9.1	.9	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 5943

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

27044 STATION WIGGS AAF TX (EL PASO) STATION NAME 72-79 YEARS SEP MONTH  
3000-0200 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	1.9	6.1	4.2	1.8	.1							14.0	6.8
NNE	1.4	3.6	.8	1.2								7.1	6.0
NE	1.0	3.3	1.2									6.5	4.7
ENE	1.0	4.7	.8	.4								6.9	5.5
E	1.4	2.6	1.8	.6	.1							6.5	6.2
ESE	1.4	3.1	.8									5.3	4.9
SE	1.2	2.6	1.2	.1								5.3	5.4
SSE	.8	2.6	1.4	.3								5.1	5.8
S	1.1	5.3	2.4	.6								9.3	5.9
SSW	.8	2.4	.6	.3								4.0	5.3
SW	1.2	1.7	1.1	.6								4.6	6.3
WSW	.6	.1	1.4	.7								2.8	8.2
W	.3	.6	.3	1.0	.1							2.2	9.4
WNW	.7	.3	.7	.4	.6							2.6	9.6
NW	.4	.3	.4	.3								1.9	6.3
NNW	.8	.8	.6									2.2	4.4
VARBL													
CALM												13.5	
	16.9	40.7	19.7	8.2	1.0							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

27044 STATION      HIGGS AAF TX (EL PASO) STATION NAME      72-79 YEARS      SEP MONTH  
 ALL WEATHER CLASS      3300-0500 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	7.6	5.4	.7								16.0	6.1
NNE	2.4	6.8	2.5	.4								12.1	5.5
NE	2.6	5.1	1.2	.1								9.2	4.8
ENE	1.1	2.6	.7	.1								4.6	5.1
E	1.2	2.8	1.7	.4								6.1	6.1
ESE	1.0	1.9	.1									3.1	4.1
SE	1.0	2.4	.6									3.9	5.0
SSE	1.1	2.1	1.4	.1								4.7	5.5
S	1.5	3.3	1.7	.3								6.8	5.7
SSW	.7	1.9	1.7									4.3	5.8
SW	.6	1.1	1.9									3.6	6.4
WSW	.3	1.5	.6	.6								2.9	5.5
W	.4	.6	.7	.3								1.9	6.4
WNW	.4	.7	.3	.3								1.7	6.3
NW	.1	.7										.8	4.2
NNW	.8	1.0	.3	.1								2.2	5.1
VARBL													
CALM												16.1	
	17.5	42.2	20.7	3.5								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 STATION WIGGS AAF TX (EL PASO) STATION NAME 72-79 YEARS SEP 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	2.6	7.2	6.7	.7								17.6	6.2
NNE	1.4	8.5	1.8	.1								11.8	5.2
NE	1.9	4.0	1.9	.3								9.0	5.4
ENE	1.2	3.6	1.0	.3	.1							6.2	5.6
E	.4	3.3	1.1	.3								5.1	5.7
ESE	.7	1.7	.7	.1								3.2	5.5
SE	1.4	1.8	.4									3.5	4.9
SSE	1.1	2.5	1.7	.1								5.4	5.6
S	1.1	3.9	2.4	.1								7.5	5.9
SSW	.6	1.4	1.4	.1								3.5	6.6
SW	.1	1.4	.8	.4								2.8	7.1
WSW	.4	1.2	.8									2.5	5.4
W	.4	.6	.4	.1								1.5	6.2
WNW	.3	.7	.4									1.4	5.6
NW	1.1	.3	.1	.1								1.7	4.3
NNW	.3	1.5		.1								1.9	4.8
VARL													
CALM												15.1	
	15.1	44.9	21.7	3.1	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21044 STATION      HIGGS AAF TX (FL PASO) STATION NAME      72-79 YEARS      SEP MONTH  
 ALL WEATHER CLASS      1200-1400 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.2	.6	.3								3.9	5.5
NNE	.8	1.5	1.4	.6								4.3	6.4
NE	.4	2.5	1.4	1.0								5.3	7.3
ENE	.3	1.5	1.5	.8	.3							4.4	6.8
E	.7	2.5	3.2	2.2								8.6	8.0
ESE	.6	3.2	3.9	.6	.1							7.2	7.2
SE	.1	2.4	3.2	.4								6.1	7.3
SSE		2.2	3.1	.3								5.6	7.5
S	.4	5.1	4.0									9.6	6.4
SSW	.8	2.6	2.6	.1								6.2	5.3
SW	1.2	3.7	4.3	1.0								10.3	6.9
WSW	.3	1.7	2.4	1.4	.1							5.8	8.2
W	1.0	3.6	3.3	2.9								10.8	8.0
WNW	.4	1.0	.7	.6								2.6	7.4
NW	.1	1.2	.6	.1								2.1	6.1
NNW	.7	.6										1.2	3.8
VARBL													
CALM												4.7	
	8.7	37.6	36.1	12.2	.6							100.3	6.2

TOTAL NUMBER OF OBSERVATIONS      726

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

27044 STATION      HIGGS AAF TY (EL PASO) STATION NAME      72-79 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	.6	2.2	1.0	.4								4.2	5.9
NNE	.6	1.8	.8	.1								3.3	5.5
NE	.7	2.5	2.1	.7	.1							6.1	7.0
ENE	.6	1.8	2.1	.6	.3							5.3	7.8
E	.3	2.6	3.3	3.6	.4	.3						10.6	9.9
ESE	.3	2.2	3.1	1.2	.1							6.9	8.4
SE	.6	2.9	2.5	1.8								7.8	7.9
SSE	.1	1.7	2.1	1.4								5.3	8.2
S	1.5	2.4	4.3	.8								9.0	6.9
SSW	.3	2.5	1.7	.7								5.1	6.9
SW	.4	1.2	3.1	1.5								6.2	8.4
WSW	.5	2.2	3.5	1.4	.1							7.8	8.2
W	.1	3.2	4.3	2.4	.1							10.1	8.4
WNW	.1	.7	1.8	.6								3.2	8.2
NW	.3	1.8	1.4	.1								3.6	6.4
NNW		.1	1.4									1.7	7.8
VARBL													
CALM												3.7	
	6.9	32.1	38.3	17.4	1.2	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23044 STATION NAME RIGGS AAF TX (EL PASO) YEARS 72-79 SF<sup>0</sup> MONTH SEP  
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	4.9	2.1	.8	.1							9.7	6.2
NNE	.7	2.4	1.1	.4								4.6	6.1
NE	.6	1.5	1.0	.7								3.8	6.8
ENE	.3	1.8	1.4	.6	.1							4.2	7.2
E	.7	3.8	5.7	3.3	.8							14.3	8.6
ESE	.3	2.9	3.6	2.4	.1							9.3	8.5
SE	1.0	2.6	2.6	1.3								7.5	7.3
SSE	.6	3.2	2.5	.1								6.4	6.5
S	.1	4.3	3.2	.3								7.9	6.6
SSW		1.9	1.4	.1								3.5	6.4
SW	.6	2.3	1.4	.6								5.3	6.6
WSW	.7	2.5	1.4	1.4								6.0	7.4
W	.4	2.5	1.8	1.9	.3							7.0	8.3
WNW	.1	1.4	.6	.7	.1							3.2	8.4
NW	.7	.4	.6	.3	.1							2.1	7.3
NNW	1.3	1.0	.3	.1								2.6	4.8
VARBL													
CALM												2.6	
	9.7	39.9	30.9	15.0	1.8							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 27044 RIGGS AAF TX (EL PASO) STATION NAME 72-79 YEARS SEP MONTH  
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	4.3	4.3	1.8								11.8	7.3
NNE	1.1	1.0	1.2	.7								5.0	6.2
NE	.6	2.8	1.0	.7								5.0	6.3
ENE	1.1	2.9	1.2	.3								5.6	5.8
E	.8	5.3	3.7	.1	.4							10.4	6.7
ESE	1.0	3.2	3.5	.7								8.3	6.7
SE	1.1	3.5	3.5	.6								8.6	6.5
SSE	.4	3.1	1.9	.4								5.8	6.6
S	2.5	4.4	3.6	.1								10.7	5.6
SSW		1.4	.7									2.1	5.3
SW	.6	1.0	1.1	.1	.1							2.9	6.8
WSW	.6	1.4	1.4		.3							3.6	7.1
W	.4	.7	1.0	1.1	.6							3.7	10.5
WNW	.7	1.1	.6	1.7	.3							4.3	8.9
NW	.1	.8	1.1	.3								2.1	7.7
NNW	.7	.8	.4	.4								2.4	5.8
VARBL													
CALM												7.5	
	13.1	38.3	30.3	9.0	1.7							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

27644 STATION BIGGS AAF TX (FL P150) STATION NAME 72-79 YEARS

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	1.5	4.9	3.6	.8	.0							10.8	6.4
NNE	1.1	3.6	1.4	.5								6.7	5.8
NE	1.3	3.3	1.4	.5	.0							6.5	5.9
ENE	.9	2.8	1.3	.5	.1							5.5	6.4
E	.8	3.4	3.0	1.5	.2	.0						8.9	7.6
ESE	.7	2.6	2.3	.7	.1							6.3	6.9
SE	1.0	2.7	2.0	.6								6.3	6.5
SSE	.6	2.5	2.1	.3								5.6	6.5
S	1.3	4.4	3.3	.3								9.3	6.1
SSW	.5	1.9	1.6	.2								4.2	6.2
SW	.7	2.0	2.1	.6	.0							5.4	7.0
WSW	.5	1.5	1.6	.9	.1							4.5	7.6
W	.5	1.6	1.6	1.3	.2							5.1	8.3
WNW	.4	.8	.8	.6	.1							2.6	8.1
NW	.4	.8	.6	.2	.0							1.9	6.2
NNW	.6	.8	.4	.1								1.9	5.3
VARBL													
CALM												8.5	
	12.7	39.5	28.9	9.5	.8	.0						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 5758



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23.44 STATION 51GGS AAF TX (EL PASO) STATION NAME 72-79 YEARS OCT MONTH  
ALL WEATHER CLASS  
0000-0200 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	5.7	4.2	.7								12.9	6.0
NNE	1.2	3.6	.8	.8								7.0	3.8
NE	1.6	3.6	1.2	.4								6.9	5.3
ENE	.7	3.9	.5	.4								5.5	5.5
E	1.9	4.0	.8	.3								7.0	4.7
ESE	1.8	3.1	.4									5.3	4.3
SE	1.9	3.0	.8									5.7	4.5
SSE	1.1	2.2	1.8	.1								5.1	5.7
S	1.2	3.2	2.0	.1								6.6	5.4
SSW	.5	1.1	1.6	.1								3.4	6.4
SW	.9	.8	1.5	.7								3.9	7.0
WSW	.8	1.2	.4	.5								3.0	6.0
W	1.2	.8	.5	1.1								3.6	6.9
WNW	.1	.7	1.5	1.1	.1							3.5	8.9
NW	.8	1.2		.3								2.3	4.8
NNW	.9	1.3	.1									2.4	4.0
VARBL													
CALM												15.9	
	19.7	39.5	18.2	6.6	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 27044 WIGGS AAF TX (EL PASO) STATION NAME 72-79 YEARS OCT MONTH  
 CLASS ALL WEATHER 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	5.8	3.5	1.3								13.6	6.2
NNE	3.4	7.8	2.8	.5								14.5	5.2
NE	2.3	6.3	.7	.5								9.6	5.0
ENE	1.6	.4	.5	.3								6.9	5.0
E	1.7	3.5	.5	.1								5.9	4.6
ESE	.9	2.3	.1									3.4	4.3
SE	1.2	1.6	.4	.1								3.4	4.5
SSE	.9	2.2	1.1									4.2	5.4
S	.7	2.9	1.9	.3								5.7	5.9
SSW	.8	1.6	.7	.3								3.4	5.5
SW	.5	.8	1.5	.7								3.5	7.3
WSW		.7	.9	.4								2.0	8.0
W	.5	.3	.8	.5	.1							2.3	8.0
WNW	.3	1.1	.8									2.2	6.1
NW	.5	1.1	.5									2.2	5.4
NNW	.5	1.9	.4									2.8	4.8
VARBL													
CALM												14.7	
	18.7	44.1	17.2	5.1	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

27044 STATION      HIGGS AAF TX (EL PASO) STATION NAME      72-79 YEARS      OCT MONTH  
 ALL WEATHER CLASS      3600-0800 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	6.9	4.4	1.6								15.5	6.3
NNE	3.0	9.3	4.3	.5								17.1	5.6
NE	2.6	5.4	1.2	.8								10.0	5.4
ENE	1.1	2.6	.4	.1								4.2	4.8
E	1.3	3.5	.5	.4								5.8	5.3
ESE	.9	2.2	.3									3.4	4.5
SE	.8	2.7	.5									4.0	4.7
SSE	.7	1.3	1.6									3.6	6.0
S	1.1	3.1	2.3									6.5	5.8
SSW	.4	1.2	1.5	.4								3.5	7.1
SW		.5	.4	.1								1.1	7.0
WSW	.1	.5	.4	.8								1.9	8.6
W	.7	.5	.8	.8								2.8	7.6
WNW	.4	.7	.4	.3								1.8	6.5
NW	.7	.7	.1									1.5	4.2
NNW	.8	.1	.5	.1								1.6	5.4
VARBL													
CALM												15.6	
	17.1	41.2	19.8	6.1								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 STATION WIGGS AAF TX (EL PASO) STATION NAME 77-79 YEARS OCT MONTH  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.4	3.4	1.1								8.9	6.2
NNE	1.1	3.6	2.0	.4								7.2	6.1
NE	1.5	2.6	1.1	1.2	.3							6.6	7.1
ENE	1.3	2.4	1.1	.8	.1							5.3	6.5
E	.8	2.3	2.2	1.1	.1							6.5	7.2
ESE	.4	2.2	2.8	.3								5.7	7.0
SE	1.5	2.6	2.6	.3								6.9	6.0
SSE	.8	3.9	1.6	.4								6.7	5.9
S	1.8	6.3	4.5	.1								12.7	5.9
SSW	.7	3.1	1.9	1.1	.3							7.0	7.3
SW	.7	2.0	3.1	1.3								7.2	7.8
WSW	.3	.8	1.8	.9		.1						3.9	8.9
W	.7	.4	1.6	1.2								3.9	8.3
WNW	.5	.3	1.5	.3								2.6	7.5
NW	.5	.1	.1	.3								1.1	6.3
NNW	.7	.4	.1	.1								1.3	5.3
VARBL													
CALM												6.1	
	14.3	36.4	31.3	10.9	.8	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

22044 STATION      FUGG AAF TX (EL PASO) STATION NAME      72-79 YEARS      OCT MONTH  
 CLASS ALL WEATHER      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	1.6	1.5									3.9	5.9
NNE	.5	.9	.3	.1								1.7	5.0
NE	.5	2.6	.5	1.3								4.5	7.5
ENE	1.1	.5	1.2	.4								3.2	7.0
E	.5	1.6	2.4	1.9	.3							6.7	9.0
ESE	.5	2.2	1.8	1.3								5.8	7.4
SE	.9	3.0	2.8	.5								7.3	6.4
SSE	.5	1.1	1.5	.5								3.6	6.9
S	.8	4.0	3.0	.3								8.1	6.1
SSW	1.1	3.2	2.7	.5	.3							7.8	6.8
SW	1.5	3.4	5.8	2.8	.3	.1						13.9	8.4
WSW	.5	1.8	4.7	3.0		.1						10.1	9.1
W	.3	2.7	4.3	2.7	.3							10.3	8.8
WNW	.4	1.1	.9	1.1								3.5	7.3
NW	.4	.9	.8	.4	.4							3.0	8.9
NNW	.3	.8	.4	.3	.1							1.9	6.9
VARBL													
CALM												4.5	
	10.8	30.9	34.7	17.3	1.6	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 STATION      GIGGS AAF TX (EL PASO) STATION NAME      72-79 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	1.6	1.1									3.2	5.6
NNE	.1	1.3	1.1	.3								2.8	7.2
NE	1.1	1.1	.7	.5	.1							3.5	6.6
ENE	.7	.8	.9	.5	.3	.1						3.4	8.4
E	.5	1.3	2.6	2.0								6.5	8.8
ESE	.8	2.3	3.0	1.5								7.5	7.7
SE	.7	2.4	1.9	.9								5.9	7.0
SSE		2.0	.9	.5	.1							3.6	7.6
S	1.2	3.1	2.0	.7								7.0	6.1
SSW	1.5	2.2	1.5	.7								5.8	6.1
SW	.9	3.4	5.0	1.7	.4							11.4	8.0
WSW	.7	3.4	5.1	1.9								11.0	7.8
W	.7	3.0	6.3	2.3	.3							12.5	8.4
WNW	.3	1.5	2.3	.9								5.0	8.3
NW	.3	1.1	2.0	.1								3.5	7.2
NNW	.4	.5	.5	.1								1.6	6.5
VARBL													
CALM												5.8	
	10.3	30.9	36.8	14.8	1.2	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
 USAFLTAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

27044 HIGGS AAF TX (EL PASO) 72-79 OCT  
STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300  
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	1.9	4.0	3.1	.4								9.4	6.1
NNE	1.6	4.8	.9	.1								7.5	4.9
NE	1.1	4.0	.7	.5								6.3	5.5
ENE	1.2	2.3	1.1	.3								4.8	5.5
E	1.5	3.5	1.9	.4								7.3	5.8
ESE	1.1	3.5	2.4	.5								7.5	6.2
SE	.9	3.1	.7	.1								4.8	5.1
SSE	1.7	1.3	1.9	.4								5.4	6.0
S	.7	4.4	2.7	.1								7.9	6.0
SSW	.5	2.2	.7	.1								3.5	5.3
SW	.7	2.3	1.2	.8	.3							5.2	7.2
WSW	.7	1.3	.8	1.1	.1							4.0	7.8
W	.4	.9	1.1	1.6								4.0	9.3
WNW		1.1	1.2	.3	.1							2.7	7.7
NW	.5	.5	.5	.3								1.9	6.7
NNW	1.1	1.7	.9	.4								4.2	5.0
VARBL													
CALM												13.4	
	15.6	41.1	21.8	7.5	.5							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 27144 HIGGS AAF TX (EL PASO) STATION NAME 72-79 YEARS  
 CLASS ALL WEATHER MONTH OCT  
 CONDITION \_\_\_\_\_ HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	4.1	2.8	.7								9.3	6.2
NNE	1.6	4.3	1.6	.4								7.2	5.5
NE	1.4	3.4	.9	.7	.1							6.4	5.9
ENE	1.1	2.2	.9	.5	.1	.0						4.7	6.1
E	1.1	3.0	2.0	.9	.1							7.0	6.6
ESE	1.0	2.6	1.8	.6								6.0	6.3
SE	1.1	2.7	1.5	.3								5.5	5.7
SSE	.8	2.1	1.4	.3	.0							4.6	6.3
S	1.0	3.7	2.5	.2								7.4	5.9
SSW	.9	2.3	1.5	.4	.1							5.1	6.4
SW	.3	2.3	2.6	1.1	.2	.0						6.9	7.6
WSW	.4	1.5	1.9	1.2	.0	.0						5.2	8.1
W	.6	1.3	2.2	1.4	.1							5.7	8.3
WNW	.3	.9	1.3	.6	.0							3.1	7.6
NW	.5	.8	.6	.3	.1							2.3	6.7
NNW	.7	1.1	.5	.2	.0							2.4	5.5
VARBL													
CALM												10.6	
	14.7	38.4	25.9	9.6	.7	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 5939

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

27044 STATION      HIGGS AAF YX (EL PASO) STATION NAME      72-79 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	2.0	5.8	4.7	1.0								14.2	6.3
NNE	2.6	6.7	3.1	.1								12.5	5.3
NE	1.5	5.8	.7	.1								8.2	4.9
ENE	1.7	2.6	.3	.1								4.7	4.5
E	1.1	2.1	.6									3.8	4.8
ESE	1.1	1.9	.3									3.3	4.1
SE	1.3	2.1	1.0									4.0	5.2
SSE	.7	2.5	1.1	.1								4.5	5.6
S	1.0	3.3	2.1	.3								6.7	6.1
SSW	.8	1.4	.8	.3								3.3	5.9
SW	.6	1.3	2.6	.6								5.0	7.6
WSW	.1	1.3	.8	1.4								3.6	8.6
W	.6	.7	1.0	1.0	.3	.1						3.6	9.7
WNW	.7	.6	1.0	.8	.1	.4						3.6	9.9
NW	.8	.8	.8	.6	.1	.3						3.5	6.5
NNW	.6	1.5	1.0									3.1	5.5
VARBL													
CALM												12.4	
	17.5	40.5	21.8	6.4	.6	.8						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 23044 IGGS AAF TX (EL PASO) STATION NAME 72-79 YEARS  
 CLASS ALL WEATHER MONTH NOV  
 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	4.2	6.4	4.3	1.2								10.1	5.9
NNE	3.1	2.3	4.3	.1								16.8	5.3
NE	2.5	6.8	.6									9.9	4.5
ENE	1.1	2.9	.8									4.9	4.8
E	1.5	2.8	.3	.1								4.7	4.6
ESE	.6	2.6	.6									3.7	5.0
SE	1.0	2.4	.8									4.2	4.8
SSE	.6	1.9	1.0									3.5	5.6
S	.3	2.2	2.5	.1								5.1	6.8
SSW	.6	1.8	1.9	.3								4.6	6.6
SW	.4	1.2	1.7	.7								4.0	7.3
WSW	.4	.3	1.2	.6								2.5	7.8
W	.1	.3	1.1	.8	.3	.4						3.1	12.5
WNW	.1	.3	.6	.4	.3	.3						1.9	12.1
NW	.1	1.0	1.0	.3		.3						2.6	8.7
NNW	.4	.7	.6									1.7	5.2
VARBL													
CALM												10.7	
	16.9	42.9	23.2	4.7	.6	1.0						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH  
 USAFCTAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21044 STATION      WIGGS AAF TX (EL PASO) STATION NAME      72-79 YEARS      NOV MONTH  
 ALL WEATHER CLASS      3600-0800 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	7.4	6.4	1.0								16.5	5.3
NNE	2.2	8.7	6.4	.3								17.6	5.9
NE	1.9	4.7	.7	.1								7.5	4.8
ENE	1.1	2.4	.6									4.0	4.5
E	1.5	1.5	.4	.4								3.9	5.4
ESE	1.0	.8	.6									2.4	4.6
SE	.8	1.9	.4	.1								3.3	5.2
SSE	1.0	2.4	.8									4.2	5.1
S	1.1	3.2	2.6	.1								7.1	5.6
SSW	.8	1.8	1.7	.4								4.7	6.6
SW	.6	.7	1.2	.8	.6							3.9	9.3
WSW	.4	1.0	.6	.8	.1		.1					2.8	8.7
W	.1	.6	.6	.8	.7	.2						3.1	12.7
WNW	.4	.4	.3	.8	.6							2.5	10.3
NW	.6	.1	1.0									1.7	5.9
NNW	.4	1.1	.3									1.6	4.5
VARBL													
CALM												13.1	
	15.8	38.7	24.4	5.6	1.9	.3	.1					110.0	5.5

TOTAL NUMBER OF OBSERVATIONS 720





GLOBAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

27044 STATION FIGGS AFB TX (EL PASO) STATION NAME 77-79 YEARS NOV 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	1.2	4.3	2.4	.4								3.3	5.6
NNE	1.4	1.5	1.7	.1								4.3	5.9
NE	.9	1.7	.3	.1								2.9	5.0
ENE	.8	.8	.4	.6								2.6	6.5
E	.8	2.2	1.9	.6								5.6	6.8
ESE	.3	.8	1.8	1.0								3.9	9.5
SE	1.8	1.2	1.0	.3								4.3	5.1
SSE	.4	1.3	.6	.1								2.9	6.0
S	.7	2.2	.3									3.2	4.2
SSW	.6	1.7	1.4	.6	.1							4.3	7.6
SW	1.7	2.8	4.0	1.8	.4	.1						10.8	7.9
WSW	.6	3.1	3.2	2.5	.4	.1						10.0	9.2
W	.7	1.7	4.2	5.4	2.8	.3						15.0	11.6
WNW	.1	1.4	3.9	2.8	.1	.1						6.6	9.9
NW		1.2	1.2	.4	.3							3.2	6.3
NNW	.1	.6	.6									1.2	6.2
VARBL													
CALM												8.7	
	11.7	29.0	28.7	16.7	4.0	1.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

2744 STATION      WIGGS AAF TX (FL PA. 0) STATION NAME      72-79 YEARS      NOV MONTH  
 ALL WEATHER CLASS      1000-2000 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	6.7	1.2	1.0	.1							10.4	6.7
NNE	1.2	4.2	1.8									7.2	5.2
NE	1.0	4.2	.8									6.0	5.0
ENE	1.0	2.4	1.0	.3								4.6	5.2
E	1.5	3.3	2.4	.3								7.9	6.1
ESE	.6	1.7	.8	.3								3.6	6.1
SE	1.4	2.2	.6									4.2	4.2
SSE	.1	2.2	1.2									3.6	5.5
S	.8	3.9	1.8									6.5	5.6
SSW	.4	3.3	1.0	.3	.1							5.1	6.3
SW	.1	2.6	2.5	1.1	.3							6.7	3.1
WSW	.7	1.4	1.4	.8	.1	.1						4.6	7.6
W	.5	1.7	1.0	2.9	.9	.8						7.1	12.4
WNW	.7	1.1	3.6	1.7	.7	.1						7.5	10.2
NW	.4	1.1	.6	1.0	.1							3.2	8.0
NNW	.3	1.4	.7	.1								2.5	5.7
VARBL													
CALM												9.3	
	12.1	42.6	22.8	9.7	2.4	1.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

27044 STATION      IIGGS AAF TX (EL PASO) STATION NAME      72-79 YEARS      NOV MONTH  
 ALL WEATHER CLASS      2100-2300 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	7.2	4.2	.6	.1							13.9	5.2
NNE	2.5	6.8	2.1	.6								11.9	5.4
NE	1.1	4.6	1.2									6.9	5.6
ENE	1.7	3.5	.6	.3								6.6	5.0
E	1.2	3.2	1.0	.1								5.6	5.2
ESE	1.1	1.5	.3									2.9	4.3
SE	1.1	2.6	.6									4.3	4.7
SSE	.1	1.9	.8	.1								3.1	6.0
S	.7	3.5	1.4	.3								5.8	5.9
SSW	.7	1.4	1.1	.4								3.6	6.4
SW	.4	1.5	2.4	.8								5.1	7.7
WSW		.6	1.8	1.4								3.7	9.7
W	.4	.4	2.2	1.9	.4	.1						5.6	11.0
WNW	.4	.2	2.1	1.0	.4	.1						4.9	9.6
NW	.8	.7	.8	.7								3.1	7.0
NNW	1.0	1.0	.8	.1	.1							3.1	6.1
VARBL													
CALM												10.6	
	14.9	41.2	23.3	8.6	1.1	.7						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS      720

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 27044 HIGGS AAF TX (EL PASO) STATION NAME 77-79 YEARS  
 CLASS ALL WEATHER  
 MONTH NOV  
 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	2.2	5.6	3.8	.8	.0							12.3	6.1
NNE	2.2	5.5	3.2	.3								11.1	5.7
NE	1.4	4.2	.7	.1								6.4	4.9
ENE	1.1	2.2	.6	.2								4.2	5.1
E	1.1	2.3	1.3	.3								5.0	5.7
ESE	.9	1.5	.9	.2								3.5	5.6
SE	1.1	2.2	.9	.1								4.3	5.3
SSE	.5	2.0	.9	.1								3.7	5.6
S	.8	3.5	2.1	.2								6.5	5.9
SSW	.8	2.2	1.4	.5	.1	.0						4.9	6.7
SW	.9	1.8	2.6	1.3	.2	.0						6.6	8.1
WSW	.5	1.3	1.8	1.4	.2	.1	.0	.0				5.3	9.2
W	.5	.8	2.0	1.6	.9	.3	.0					7.2	11.6
WNW	.3	.8	1.8	1.3	.4	.3						4.9	10.4
NW	.4	.8	.9	.4	.1	.1						2.6	7.8
NNW	.4	1.0	.6	.1	.0							2.1	5.7
VARBL													
CALM												9.5	
	14.6	37.6	25.5	9.9	1.9	.8	.1	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 5759

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIP WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 2744 WIGGS AAF TX (EL PASO) STATION NAME 72-79 YEARS  
 CLASS ALL WEATHER  
 MONTH DEC  
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	2.3	5.1	3.9	1.1								12.4	6.2
NNE	3.1	9.0	.3	.1								14.6	4.8
NE	2.7	4.3	.9	.1								8.1	4.6
ENE	1.3	2.8	.5									4.7	4.7
E	1.5	3.6	.5	.3								5.9	5.0
ESE	.7	.8	.1									1.6	4.3
SE	.9	2.2	.5									3.7	4.9
SSE		.9	1.2									2.2	6.5
S	1.2	2.4	3.5	.1								7.3	6.1
SSW	.8	2.3	1.8	.5	.1							5.5	6.7
SW	1.2	1.1	1.5	.5	.1	.1						4.6	7.6
WSW	.4	.7	.8	.5	.1	.1						2.7	9.5
W		.9	.8	1.3	.1	.1	.1					3.4	11.6
WNW	.4	.7	1.1	1.8	1.5	.4						5.8	12.9
NW	.8	.5	.4	.5	.3							2.6	8.0
NNW	.7	.7	.3									1.6	4.7
VARBL													
CALM												13.5	
	18.1	38.0	20.2	7.0	2.3	.8	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

27044 STATION      BIGGS AFB TX (EL PASO) STATION NAME      72-79 YEARS      DEC MONTH  
 ALL WEATHER CLASS      0300-0500 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	5.5	6.3	.8								14.9	6.4
NNE	3.9	10.3	3.6									17.9	5.1
NE	2.4	4.3	.7									7.4	4.5
ENE	2.0	2.4	.5									5.0	4.3
E	1.3	1.2	.7		.1							5.4	5.0
ESE	.8	.9	.7	.1								2.6	5.4
SE	.9	1.7	.7									5.4	4.7
SSE	.3	2.0	1.5	.1								3.9	6.4
S	1.1	2.7	2.2	.1								6.0	5.9
SSW	.5	1.7	1.1									3.4	5.6
SW	.7	1.2	.8	.9								3.6	7.5
WSW	.1	1.2	.7	.5		.1						2.7	8.7
W	.3	.4	.7	1.1	.3	.5						3.2	12.3
WNW	.3	.3	.7	1.9	.9	.4						4.4	13.6
NW		.3		.9								1.2	11.0
NNW	.4	.5	.4									1.5	5.0
VARBL													
CALM												15.5	
	17.3	37.1	21.1	5.6	1.3	1.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

2744 STATION HIGGS AAF TX (EL PASO) STATION NAME 72-79 YEARS DEC MONTH  
0600-0600 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	2.4	6.9	5.4	1.3								16.0	6.4
NNE	3.1	7.8	3.9									14.8	5.2
NE	2.4	4.4	1.7									8.6	4.8
ENE	1.5	1.6	.7	.4								4.2	5.5
E	1.1	2.2	.1									3.4	4.0
ESE	.7	.8	.1	.1								1.7	4.9
SE	1.2	2.2	.4									3.0	4.4
SSE	.3	.9	1.5	.1								2.8	6.5
S	.7	2.0	3.9	.3								6.9	6.9
SSW	1.1	.8	1.2	.3								3.4	6.0
SW	.5	.8	.5	.4								2.3	6.9
WSW	.4	.7	1.1	.1		.3						2.6	8.7
W	.5	.9	1.5	1.1	.7	.4						5.1	10.8
WNW	.3	.5	.8	.9	.8							3.4	10.8
NW	.4	.3	.3	.1	.1							1.2	7.4
NNW	.3	.1	.4									.8	5.5
VARBL													
CALM												19.2	
	16.8	32.9	23.5	5.2	1.6	.7						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

2744 STATION 11665 AAF TX (EL PASO) STATION NAME 72-79 YEARS DEC 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	1.7	5.5	5.8	2.0	.1							15.2	7.0
NNE	2.0	5.0	5.0	1.3								13.3	6.6
NE	1.7	2.2	.9									4.8	4.7
ENE	1.2	1.9	.3	.3	.1							3.8	5.6
E	1.1	1.6	.7		.1							3.5	5.2
ESE	.7	1.1	.5									2.3	5.0
SE	1.3	.9	.4	.1								2.8	4.7
SSE	.7	.7	1.1	.4								2.8	6.9
S	1.7	3.5	3.8	1.2	.3							10.5	7.0
SSW	1.6	1.7	2.2	.9								6.5	6.5
SW	1.1	1.3	.9	1.5	.1							5.0	8.2
WSW	.3	.4	1.5	3.0	.4		.1	.1				5.8	12.1
W	.7	.4	.0	2.3	1.3	.3						5.9	12.5
WNW	.3	.3	.4	1.7	.4							3.1	12.2
NW	.4	.3	.4	.1			.1					1.3	8.5
NNW	.5	.7	.7									1.9	5.7
VARBL													
CALM												11.6	
	17.1	27.4	25.4	14.9	3.0	.3	.3	.1				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIF WEATHER SERVICE/MAC

### SURFACE WINDS

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

27044 STATION      BIGGS AAF TX (EL PASO) STATION NAME      72-79 YEARS      DEC MONTH  
 ALL WEATHER CLASS      1200-1400 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	5.1	3.4	.7								10.5	6.3
NNE	1.1	2.6	3.0	1.2	.4							8.2	7.7
NE	.5	2.0	1.1	.1								3.8	5.6
ENE	.3	.9	.8	.3	.3							2.6	8.3
E	.9	1.2	.4	.3	.3							3.1	6.4
ESE	.7	.7	.4	.3								2.0	5.9
SE	.9	1.3	.5	.4								3.2	5.9
SSE	.9	.7	.5	.1								2.3	5.2
S	1.5	2.4	1.5	.1								5.5	5.5
SSW	1.5	3.9	3.0	.4	.1							8.9	6.2
SW	.8	2.6	4.0	3.9	.3	.1						12.0	9.0
WSW	.8	1.2	2.6	2.7	.8	.3	.1					8.5	10.7
W	.7	.9	2.6	4.2	1.7	.9	.1	.3				11.4	13.3
WNW	.3	1.7	1.2	1.7	.5	.7						6.2	11.4
NW	.4	.9	.9	1.2		.1						3.6	8.9
NNW	.5	.5	.9	.7								2.7	7.4
VARBL													
CALM												5.6	
	13.2	29.0	26.7	18.3	4.4	2.2	.3	.3				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS      744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23.44 STATION      HIGGS AAF TX (EL PASO) STATION NAME      72-79 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	1.5	3.6	3.6	.7								9.4	6.6
NNE	1.5	3.2	2.0	.7	.4							7.8	6.7
NE	.9	1.9	1.3	.3								4.4	6.0
ENE	.8	1.2	1.1	.1								3.2	6.0
E	.9	.8	1.1	.5	.1							3.5	7.2
ESE	.5	.7	1.3	.4								3.0	7.2
SE	1.1	.7	.4									2.2	4.6
SSE	.1	.5	.4	.1								1.2	6.9
S	.7	2.2	.7									3.5	5.2
SSW	.8	3.8	1.7	.5								6.9	6.0
SW	.8	3.2	4.8	1.9	.1	.1						11.0	6.0
WSW	.3	1.3	4.4	2.8	.8	.7	.3					10.6	11.4
W	.4	.9	4.4	3.0	2.2	.7						11.6	12.1
WNW	.3	.7	1.5	1.9	.8	.7						5.8	12.7
NW	.5	1.6	.8	.8		.3						4.0	7.9
NNW	.3	.9	1.1	.4								2.7	7.3
VARBL													
CALM												9.3	
	11.4	27.3	30.8	14.1	4.4	2.4	.3					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

27044 STATION      BIGGS AAF TX (EL PASO) STATION NAME      72-79 YEARS      DEC MONTH  
 ALL WEATHER CLASS      1800-2000 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	7.7	2.7	.7								12.2	5.8
NNE	2.3	3.8	2.0	.1								8.2	5.3
NE	.7	3.0	.8	.7								5.1	6.2
ENE	.5	2.3	.7	.3								3.8	5.6
E	.5	1.3	1.2	.4								3.5	6.8
ESE	1.1	1.1	.5	.1								2.8	5.1
SE	1.1	1.7	.5	.1								3.5	4.7
SSE	.2	2.3	.9	.1								4.3	5.6
S	.8	3.5	1.7									6.1	5.7
SSW	.8	3.5	1.2	.1								5.8	5.5
SW	.8	3.6	1.7	.5								6.7	6.3
WSW	1.2	1.1	1.5	1.5	.8	.3	.1	.1				6.6	10.8
W	.3	1.3	1.7	2.0	1.1	.7						7.1	12.0
WNW	.7	.5	1.7	1.7	.8	.7						6.2	12.2
NW	.5	.0	1.2	.5	.3							3.5	8.0
NNW	.2	.0	.7	.5								3.1	6.3
VARBL													
CALM												11.4	
	15.1	38.1	21.0	9.6	3.0	1.6	.1	.1				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

20044 STATION WIGGS AAF TX (EL PASO) STATION NAME 72-79 YEARS  
 CLASS ALL WEATHER MONTH DEC  
 HOURS (L.S.T.) 2100-2300  
 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	2.7	5.6	5.1	.5								14.3	6.2
NNE	3.5	4.4	2.6	.1								15.6	5.1
NE	1.7	3.9	.4	.1								6.2	4.5
ENE	.8	2.4	.3	.3								3.8	5.0
E	1.3	2.2	1.2	.3								5.0	5.6
ESE	1.1	2.0	.5									3.6	4.7
SE	.8	2.3	.5									3.6	4.8
SSE	.4	1.2	.7	.3								2.6	5.9
S	.9	2.8	2.8	.3								6.9	6.2
SSW	.9	2.4	1.3	.5								5.2	6.2
SW	.7	1.5	2.3	1.3		.1						5.9	8.1
WSW	.1	.2	1.3	1.7	.1							4.2	7.7
W	.4	1.1	1.2	1.5	.8	.9						5.9	12.5
WNW	.3	.5	1.1	2.0	.9	.4						5.2	13.1
NW	.3	.7	.4	.3	.3							1.9	8.9
NNW	.5	1.3	.9	.4	.1							3.4	7.0
VARBL													
CALM												12.1	
	16.5	35.2	22.7	9.7	2.3	1.5						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23044 STATION      BIGGS AAF TX (EL PASO) STATION NAME      72-79 YEARS      DEC MONTH

ALL WEATHER CLASS      ALL HOURS [L.S.T.]

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	5.5	4.5	1.0	.0							13.1	6.4
NNE	2.6	5.8	3.0	.5	.1							11.9	5.6
NE	1.6	3.2	1.6	.2								6.1	5.0
ENE	1.1	1.9	.6	.2	.1							3.9	5.4
E	1.1	1.8	.7	.2	.1							3.9	5.6
ESE	.8	1.0	.5	.1								2.5	5.4
SE	1.0	1.6	.5	.1								3.3	4.8
SSE	.5	1.2	1.0	.2								2.9	6.2
S	1.1	2.7	2.5	.3	.0							6.6	6.2
SSW	1.0	2.5	1.7	.4	.0							5.7	6.1
SW	.2	1.9	2.1	1.4	.1	.1						6.4	7.9
WSW	.5	.9	1.7	1.6	.4	.2	.1	.0				5.4	10.7
W	.4	.9	1.7	2.1	1.0	.6	.0	.0				6.7	12.3
WNW	.3	.7	1.1	1.7	.8	.4						5.0	12.4
NW	.4	.7	.6	.6	.1	.1	.0					2.4	8.4
NNW	.5	.8	.7	.3	.0							2.2	6.4
VARBL													
CALM												12.3	
	15.7	33.1	23.9	10.7	2.8	1.3	.1	.1				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 5949

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

27.44 STATION RIGGS AAF TX (EL PASO) STATION NAME 72-80 YEARS ALL MONTH ALL 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	3.0	3.0	.9	.2	.0						9.2	6.5
NNE	1.7	3.6	1.6	.4	.0	.0						7.2	5.8
NE	1.2	2.8	.9	.3	.7	.0						5.3	5.6
ENE	.5	1.9	.8	.3	.1	.0	.0					3.2	6.2
E	.9	2.1	1.6	.8	.1	.0						5.5	7.1
ESE	.6	1.9	1.5	.7	.0	.0	.0					4.9	6.9
SE	.9	2.4	1.0	.5	.0	.0						5.7	6.5
SSE	.5	1.9	1.7	.4	.0	.0						4.6	6.7
S	.9	3.6	3.2	.5	.0	.0	.0					8.3	6.6
SSW	.6	2.0	1.8	.5	.1	.0	.0					5.1	7.1
SW	.6	1.9	2.5	1.4	.2	.1	.0	.0				6.7	8.4
WSW	.4	1.2	2.0	2.0	.5	.2	.0	.0				6.5	10.5
W	.4	1.2	2.5	3.0	1.0	.5	.1	.0	.0			8.6	11.8
WNW	.3	.2	1.5	1.6	.6	.3	.0	.0				5.1	11.3
NW	.4	.8	.3	.4	.2	.1	.0	.0				2.7	8.6
NNW	.4	.2	.6	.2	.0	.0						2.0	6.4
VARBL													
CALM												8.8	
	11.8	32.9	28.0	14.0	3.2	1.2	.2	.0	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 70076

GLOBAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

2044 HIGGS AAF TX (EL PASO) 72-80  
 STATION NAME STATION YEARS  
 ALL MONTH  
 ALL HOURS (L.S.T.)  
 INSTRUMENT CLASS  
 CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE.  
 CONDITION  
 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	48-55	≥56	%	MEAN WIND SPEED
N	1.5	6.7	8.9	3.2	.3	.2						23.0	8.2
NNE	2.3	5.3	4.3	1.8		.2						14.0	6.9
NE	1.2	3.0	2.3	1.2	.5	.2						8.3	7.7
ENE	.3	1.7	1.2	.3		.2						3.7	7.4
E	1.0	1.0	1.5	1.0	.3							4.8	8.0
ESE		.5	1.2		.2							1.8	8.3
SE	1.2	1.0	1.2									3.3	5.1
SSE	.8	1.7	1.0	.5								4.0	6.0
S	1.0	3.8	2.5									7.3	6.0
SSW	.5	1.8	.8		.2	.7	.3					4.3	10.8
SW	.2	.5	.7	.2	.2	.5						2.3	10.9
WSW		.5	.2	1.2		.2	.8	.8				4.0	20.4
W	.2	.2	.2	1.0	.5	1.3	1.3	.5	.2			5.3	23.2
WNW	.5	.2	.2	.2	.3			.2				1.5	12.0
NW	.2	.5	.2	.2	.3	.3	.2	.3				2.2	17.2
NNW	1.2	.7	.9									2.7	4.8
VARBL													
CALM												10.2	
	12.2	26.7	27.0	10.7	2.8	3.7	2.7	1.8	.2			100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 599

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	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0	
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

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

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

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

#### ADDITIONAL EXAMPLES

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

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

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

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

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



1. NAME OF STATION  
 2. ICAO IDENTIFICATION  
 3. ICAO IDENTIFICATION

# CEILING VERSUS VISIBILITY

4. STATION NUMBER: 5. ICAO IDENTIFICATION: 6. YEAR: 7. MONTH: 8. HOURS PER YEAR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.16	≥.1	≥0	
NO CEILING	64.7	63.7	64.7	67.9	69.9	67.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
IV 20000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	
IV 18000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	
IV 16000	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	
IV 14000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	
IV 12000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
IV 10000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
IV 9000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
IV 8000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
IV 7000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
IV 6000	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 5000	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 4500	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 4000	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 3500	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	
IV 3000	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	
IV 2500	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
IV 2000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
IV 1800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
IV 1500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
IV 1200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
IV 1000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
IV 900	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	99.2	
IV 800	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	99.2	
IV 700	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	99.5	99.5	
IV 600	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	99.5	99.5	
IV 500	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	99.6	
IV 400	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	99.6	
IV 300	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	99.7	
IV 200	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	99.7	
IV 100	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	99.9	
IV 0	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	99.9	

TOTAL NUMBER OF OBSERVATIONS: 743

LOCAL CLIMATE DIVISION BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: 2704 2505 AAF BY (EL PASO)

YEARS: 73-80

MONTH: JAN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3500-0500  
 HOURS: 1-5

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.2	≥2	≥1.75	≥1.5	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	61.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000	75.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 18000	75.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 16000	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	73.7
IV 14000	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	74.9
IV 12000	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	78.4
IV 10000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 9000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 8000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 7000	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	83.1
IV 6000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 5000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 4000	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	91.0
IV 3500	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2500	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	94.9
IV 2000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1500	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	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	98.3	98.3
IV 900	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	98.4
IV 800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	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	99.2	99.2
IV 500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	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	99.5	99.5	99.5
IV 300	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	99.7	99.7
IV 200	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	99.9	99.9
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

3L 44  
 STATION NAME  
 1000 APT IX (LL 0450)

# CEILING VERSUS VISIBILITY

STATION NAME  
 1000 APT IX (LL 0450)

73-80

JAN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-7800  
 HOURS 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.4	≥.3	≥.25	≥.20
NO CEILING	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000	67.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 18000	67.2	73.9	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
IV 16000	67.2	73.9	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
IV 14000	67.2	73.9	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
IV 12000	67.2	73.9	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
IV 10000	67.2	73.9	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
IV 9000	67.2	73.9	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
IV 8000	67.2	73.9	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
IV 7000	67.2	73.9	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
IV 6000	67.2	73.9	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
IV 5000	67.2	73.9	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
IV 4500	67.2	73.9	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
IV 4000	67.2	73.9	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
IV 3500	67.2	73.9	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
IV 3000	67.2	73.9	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
IV 2500	67.2	73.9	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
IV 2000	67.2	73.9	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
IV 1800	67.2	73.9	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
IV 1500	67.2	73.9	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
IV 1200	67.2	73.9	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
IV 1000	67.2	73.9	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
IV 900	67.2	73.9	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
IV 800	67.2	73.9	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
IV 700	67.2	73.9	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
IV 600	67.2	73.9	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
IV 500	67.2	73.9	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
IV 400	67.2	73.9	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
IV 300	67.2	73.9	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
IV 200	67.2	73.9	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
IV 100	67.2	73.9	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
IV 0	67.2	73.9	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

TOTAL NUMBER OF OBSERVATIONS 744

GENERAL CLIMATE DATA REPORT  
 WASH DC  
 METEOROLOGICAL SERVICE/AFAC

# CEILING VERSUS VISIBILITY

44 1000 AF TYP (EL 1750) 70-00 JA  
 STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-1100  
 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	≥½	≥¼	≥16	≥1	≥0
NO CEILING	5.2	66.4	65.5	66.5	65.5	65.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥20000	73.9	74.6	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 18000	73.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0
IV 16000	74.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3
IV 14000	75.0	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1
IV 12000	77.0	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
IV 10000	78.6	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
IV 9000	79.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
IV 8000	80.4	81.0	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
IV 7000	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7
IV 6000	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9
IV 5000	85.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
IV 4500	88.9	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
IV 4000	88.7	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 3500	90.1	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
IV 3000	90.3	91.7	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5
IV 2500	91.0	93.3	93.7	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	92.6	95.2	95.6	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800	92.9	95.4	95.7	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
IV 1500	92.8	95.4	95.7	96.4	96.5	96.6	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0
IV 1200	93.2	95.7	96.0	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	93.3	95.7	96.0	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2
IV 900	93.7	95.7	96.2	96.8	96.8	96.8	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
IV 800	93.7	96.0	96.4	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5
IV 700	93.4	96.0	96.4	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5
IV 600	93.4	96.0	96.4	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5
IV 500	93.4	96.1	96.4	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5
IV 400	93.4	96.1	96.5	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV 300	93.4	96.1	96.5	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV 200	93.4	96.1	96.5	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV 100	93.4	96.1	96.5	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV 0	93.4	96.1	96.5	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 WAFB  
 AIR FORCE SERVICE/PAC

# CEILING VERSUS VISIBILITY

244 (1135) AAF TX (EL PASO) 73-87 JAN 1950

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	69.4	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	69.3
≥ 20000	74.9	75.0	74.9	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
≥ 18000	75.0	76.0	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	76.0	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	76.7	77.5	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
≥ 12000	77.0	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 10000	81.0	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	81.0	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
≥ 8000	83.0	83.0	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
≥ 7000	83.0	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	83.7	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	85.0	86.0	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
≥ 4500	86.0	87.0	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	86.0	87.0	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3500	91.0	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	91.3	91.3
≥ 3000	91.0	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	91.3	91.3
≥ 2500	92.0	94.1	94.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	94.0	96.2	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	94.0	96.2	97.0	97.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	94.0	96.0	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	94.0	96.0	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	94.0	97.0	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	94.0	97.0	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	94.0	97.0	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	94.0	97.0	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	94.0	97.0	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	94.0	97.0	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 400	94.0	97.0	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	94.0	97.0	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	94.0	97.0	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 100	94.0	97.0	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 0	94.0	97.0	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 743

U.S. AIR FORCE  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27 44 STATION 247 IX (LL 7450)

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
 HOURS CST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	66.9	67.1	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
≥ 20000	75.5	76.2	76.3	76.2	75.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 18000	76.2	76.7	76.7	76.7	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 16000	76.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 14000	75.1	75.5	78.6	78.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 12000	41.2	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
IV 10000	1.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
IV 9000	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
IV 8000	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
IV 7000	4.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
IV 6000	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 5000	9.9	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
IV 4500	11.4	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
IV 4000	12.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
IV 3500	13.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
IV 3000	14.9	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
IV 2500	15.7	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
IV 2000	16.1	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
IV 1800	16.0	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
IV 1500	16.0	18.7	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
IV 1200	16.0	18.7	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
IV 1000	16.0	18.7	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
IV 900	16.0	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
IV 800	16.0	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
IV 700	16.0	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
IV 600	16.0	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
IV 500	16.0	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
IV 400	16.0	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
IV 300	16.0	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
IV 200	16.0	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
IV 100	16.0	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
IV 0	16.0	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9

TOTAL NUMBER OF OBSERVATIONS

743

LOCAL CLIMATOLOGY BRANCH  
 ETAC  
 WEATHER SERVICE/MAO

# CEILING VERSUS VISIBILITY

STATION: 44 STATION NAME: 73-80 YEARS: 1950-2000 MONTH: JAN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-2000  
 HOURS: 151

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	61.4	59.0	69.0	69.2	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥20000	53.1	76.9	73.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IVM 18000	44.4	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IVM 16000	39.9	70.2	70.2	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
IVM 14000	71.4	81.4	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IVM 12000	72.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IVM 10000	73.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IVM 9000	74.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IVM 8000	75.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IVM 7000	76.9	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IVM 6000	77.7	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IVM 5000	79.2	91.1	91.1	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
IVM 4500	80.7	92.7	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
IVM 4000	83.9	94.8	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
IVM 3500	84.9	96.6	96.6	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
IVM 3000	84.9	96.6	96.6	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
IVM 2500	85.7	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVM 2000	86.7	98.4	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVM 1800	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 1500	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 1200	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 1000	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 900	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 800	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 700	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 600	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 500	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 400	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 300	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 200	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 100	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 0	88.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 744

U.S. AIR FORCE METEOROLOGICAL SERVICE  
 W. W. WEAVER SERVICE STATION

# CEILING VERSUS VISIBILITY

2744  
 STATION

1505 AAF FX (EL 94.0)  
 STATION NAME

73-6  
 YEARS

JAN  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1505-2300  
 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	19.6	69.5	64.6	71.2	77.2	75.2	70.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 20000	13.3	75.1	75.3	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	4.1	76.1	76.2	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
IV 16000	4.4	77.7	77.2	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 14000	6.4	78.8	77.9	79.4	77.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 12000	8.4	81.9	81.9	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 10000	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 9000	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 8000	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 7000	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 6000	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 5000	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 4500	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 4000	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3500	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3000	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 2500	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 2000	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1800	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1500	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1200	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1000	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 900	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 800	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 700	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 600	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 500	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 400	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 300	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 200	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 100	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 0	10.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8

TOTAL NUMBER OF OBSERVATIONS 744



U.S. AIR FORCE  
 METEOROLOGICAL  
 SERVICE

# CEILING VERSUS VISIBILITY

2 44  
 STATION

100 AAF BY (FL 22 0)  
 STATION NAME

70-80  
 YEARS

JUL  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS 157

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0
NO CEILING	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 20000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
18000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
16000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
14000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
10000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
9000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
8000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
7000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
6000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
5000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
4500	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
4000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
3500	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
3000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
2500	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
2000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
1800	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
1500	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
1200	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
1000	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
900	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
800	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
700	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
600	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
500	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
400	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
300	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
200	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
100	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
0	67.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1

TOTAL NUMBER OF OBSERVATIONS 5949

GENERAL CLIMATE DATA SHEET  
 (DA FORM 105-1)  
 (1-64) (REV. 1-64)

# CEILING VERSUS VISIBILITY

STATION  
 244

STATION NAME  
 244 AAF TX (EL PASO)

YEARS  
 73-0.

FE  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-0200  
 HOUR 1ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.01	≥0
NO CEILING	81.2	75.3	71.7	70.5	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	86.5	82.4	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	81.6
IV 18000	86.5	82.4	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	81.6
IV 16000	87.7	84.9	83.7	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 14000	87.1	83.8	83.0	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 12000	84.7	84.4	83.7	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 10000	84.9	83.4	83.7	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 9000	79.7	87.4	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 8000	71.8	89.2	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	72.8	89.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 6000	71.8	91.8	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
IV 5000	75.1	94.7	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
IV 4500	75.7	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
IV 4000	75.5	95.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 3500	75.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 3000	76.7	96.2	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
IV 2500	77.8	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
IV 2000	77.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800	77.7	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
IV 1500	77.8	98.5	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
IV 1200	77.8	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	99.4
IV 1000	77.7	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	99.4
IV 900	77.8	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	99.4
IV 800	77.8	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	99.4
IV 700	77.8	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	99.4
IV 600	77.7	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	99.4
IV 500	77.8	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	99.4
IV 400	77.7	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	99.4
IV 300	77.8	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	99.4
IV 200	77.8	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	99.4
IV 100	77.8	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	99.4
IV 0	77.8	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	99.4

TOTAL NUMBER OF OBSERVATIONS 670

# CEILING VERSUS VISIBILITY

STATION: 73-44 NAME: AF TX (IL 150) YEARS: 73-5 MONTH: FE

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

360-C601  
HOURS (5)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥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	4.7	7.9	7.9	19.7	5.1	5.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
≥ 20000	4.7	7.9	7.9	19.7	5.1	5.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
18000	5.0	8.0	8.0	20.0	5.0	5.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
16000	5.0	8.0	8.0	20.0	5.0	5.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
14000	5.0	8.0	8.0	20.0	5.0	5.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
12000	67.6	73.3	83.3	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
10000	67.6	73.3	83.3	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
9000	67.6	73.3	83.3	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
8000	67.6	73.3	83.3	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	67.6	73.3	83.3	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
6000	72.0	81.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
5000	72.0	81.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
4500	74.0	82.0	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
4000	74.0	82.0	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
3500	74.0	82.0	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
3000	74.0	82.0	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
2500	76.0	85.0	95.0	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	76.0	85.0	95.0	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
1800	77.0	86.0	96.0	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
1500	77.0	86.0	96.0	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
1200	77.0	86.0	96.0	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
1000	77.0	86.0	96.0	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
900	77.0	86.0	96.0	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
800	77.0	86.0	96.0	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
700	77.0	86.0	96.0	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
600	77.0	86.0	96.0	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
500	77.0	86.0	96.0	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
400	77.0	86.0	96.0	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
300	77.0	86.0	96.0	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
200	77.0	86.0	96.0	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
100	77.0	86.0	96.0	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
0	77.0	86.0	96.0	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

TOTAL NUMBER OF OBSERVATIONS 678

IBILITY

FE MONTH  
300-5501  
HOURS 1ST

0.0	74.9
0.1	75.4
0.4	76.7
0.7	78.3
0.8	79.4
0.9	80.1
1.0	81.3
1.1	82.3
1.2	83.1
1.3	84.4
1.4	85.1
1.5	86.7
1.6	88.4
1.7	89.1
1.8	90.4
1.9	91.4
2.0	93.1
2.1	93.9
2.2	94.7
2.3	95.3
2.4	96.0
2.5	97.1
2.6	97.9
2.7	98.2
2.8	98.4
2.9	99.0
3.0	99.4
3.1	99.7
3.2	99.7
3.3	99.7
3.4	99.7
3.5	99.7
3.6	99.7
3.7	99.7
3.8	99.7
3.9	99.7
4.0	99.7
4.1	99.7
4.2	99.7
4.3	99.7
4.4	99.7
4.5	99.7
4.6	99.7
4.7	99.7
4.8	99.7
4.9	99.7
5.0	99.7

FEDERAL METEOROLOGICAL BRANCH  
USAF ETAC  
METEOROLOGICAL SERVICE / TAC

# CEILING VERSUS VISIBILITY

STATION 44 ILES AAF TX (EL PASO)

73-8

FE MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

3600-5800  
HOURS 1ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.7	≥.6	≥.5
NO CEILING	75.7	75.2	74.4	73.5	72.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 20000	75.7	75.2	74.4	73.5	72.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	76.5	75.5	74.5	73.8	72.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 16000	76.4	75.3	74.1	73.2	72.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 14000	77.4	76.4	75.2	74.3	73.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	77.2	76.1	74.9	74.0	72.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	77.9	76.8	75.6	74.7	73.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	77.7	76.6	75.4	74.5	73.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 8000	77.5	76.4	75.2	74.3	73.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 7000	77.3	76.2	75.0	74.1	73.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	77.1	76.0	74.8	73.9	72.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	76.9	75.8	74.6	73.7	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4500	76.7	75.6	74.4	73.5	72.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4000	76.5	75.4	74.2	73.3	72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500	76.3	75.2	74.0	73.1	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	76.1	75.0	73.8	72.9	71.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2500	75.9	74.8	73.6	72.7	71.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 2000	75.7	74.6	73.4	72.5	71.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 1800	75.5	74.4	73.2	72.3	71.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1500	75.3	74.2	73.0	72.1	71.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 1200	75.1	74.0	72.8	71.9	70.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 1000	74.9	73.8	72.6	71.7	70.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 900	74.7	73.6	72.4	71.5	70.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 800	74.5	73.4	72.2	71.3	70.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 700	74.3	73.2	72.0	71.1	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 600	74.1	73.0	71.8	70.9	69.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 500	73.9	72.8	71.6	70.7	69.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 400	73.7	72.6	71.4	70.5	69.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 300	73.5	72.4	71.2	70.3	69.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 200	73.3	72.2	71.0	70.1	69.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 100	73.1	72.0	70.8	69.9	68.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 0	72.9	71.8	70.6	69.7	68.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7

TOTAL NUMBER OF OBSERVATIONS 678

U.S. AIR FORCE  
 AIR FORCE SERVICE CENTER

# CEILING VERSUS VISIBILITY

STATION: 70-81 STATION NAME: 70-81 YEARS: 1950-1959 MONTH: 1950-1959

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

700-1100  
 HOURS 151

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 ≥ 20000	77.0	73.3	73.5	74.2	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 18000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 16000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 14000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 12000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 10000	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	86.9
IV 9000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 8000	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	90.1	90.1
IV 7000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 6000	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	92.8	92.8
IV 5000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 4500	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	95.7	95.7
IV 4000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 3500	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	98.8
IV 3000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2000	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	99.5	99.5	99.5
IV 1800	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	99.6	99.6
IV 1500	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	99.7	99.7
IV 1200	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	99.8	99.8
IV 1000	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	99.9	99.9
IV 900	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	99.9	99.9
IV 800	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	99.9	99.9
IV 700	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	99.9	99.9
IV 600	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	99.9	99.9
IV 500	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	99.9	99.9
IV 400	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	99.9	99.9
IV 300	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	99.9	99.9
IV 200	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	99.9	99.9
IV 100	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	99.9	99.9
IV 0	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	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 672

LOCAL CLIMATE DIVISION  
AFETAC  
WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

2 44  
STATION

17000 AAF TX (EL PA CO)  
STATION NAME

73-60  
YEARS

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-1400  
HOURS CST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.16	≥.1	≥0		
NO CEILING	72.1	72.2	72.4	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	73.0	73.0
≥ 20000	72.4	72.9	73.0	73.2	73.2	73.2	73.7	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6
IVM 18000	71.4	71.6	71.7	71.9	71.9	71.9	72.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.4	71.4
IVM 16000	70.7	70.8	70.9	71.1	71.1	71.1	71.1	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5
IVM 14000	70.3	71.1	71.1	71.4	71.4	71.4	71.4	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
IVM 12000	70.2	72.1	72.1	72.4	72.4	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.9	72.9
IVM 10000	70.4	74.2	74.2	74.6	74.6	74.6	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4
IVM 9000	70.0	74.6	74.6	74.9	74.9	74.9	75.0	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7
IVM 8000	70.1	74.9	74.9	75.2	75.2	75.2	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7
IVM 7000	70.1	75.1	75.1	75.4	75.4	75.4	75.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.9	75.9
IVM 6000	70.1	75.4	75.4	75.7	75.7	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.1	76.1
IVM 5000	70.6	75.9	75.9	76.4	76.4	76.4	76.4	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8
IVM 4500	70.8	76.8	76.8	77.3	77.3	77.3	77.3	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8
IVM 4000	70.8	77.3	77.3	77.6	77.6	77.6	77.6	77.7	77.7	77.9	77.9	77.9	77.9	77.9	78.0	78.1	78.1
IVM 3500	70.8	77.9	77.9	78.2	78.2	78.2	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.7	78.7
IVM 3000	70.8	74.1	74.1	74.4	74.4	74.4	74.4	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.3	75.3
IVM 2500	70.7	75.1	75.1	75.4	75.4	75.4	75.4	75.7	75.7	76.3	76.3	76.3	76.3	76.3	76.5	76.6	76.6
IVM 2000	70.7	75.3	75.3	75.6	75.6	75.6	75.6	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.5	76.6	76.6
IVM 1800	70.7	75.5	75.5	75.8	75.8	75.8	75.8	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.5	76.6	76.6
IVM 1500	70.7	75.9	75.9	76.3	76.3	76.3	76.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	77.0	77.0
IVM 1200	70.7	76.2	76.2	76.5	76.5	76.5	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.3	77.3
IVM 1000	70.7	76.2	76.2	76.5	76.5	76.5	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.3	77.3
IVM 900	70.6	76.2	76.2	76.5	76.5	76.5	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.3	77.3
IVM 800	70.6	76.7	76.7	77.0	77.0	77.0	77.0	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7
IVM 700	70.6	76.2	76.2	76.5	76.5	76.5	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.3	77.3
IVM 600	70.6	76.2	76.2	76.5	76.5	76.5	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.3	77.3
IVM 500	70.6	76.2	76.2	76.5	76.5	76.5	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.3	77.3
IVM 400	70.6	76.2	76.2	76.5	76.5	76.5	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.3	77.3
IVM 300	70.6	76.2	76.2	76.5	76.5	76.5	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.3	77.3
IVM 200	70.6	76.2	76.2	76.5	76.5	76.5	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.3	77.3
IVM 100	70.6	76.2	76.2	76.5	76.5	76.5	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.3	77.3
IVM 0	70.6	76.2	76.2	76.5	76.5	76.5	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.3	77.3

TOTAL NUMBER OF OBSERVATIONS 677

LOCAL CLIMATOLOGY WATCH  
 1950-1970  
 METEOROLOGICAL SERVICE (MAC)

# CEILING VERSUS VISIBILITY

744  
 STATION

105 AAF TX (EL PASO)  
 STATION NAME

7-67  
 YEARS

FL  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
 HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	71.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 20000	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
IVN 18000	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
IVN 16000	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
IVN 14000	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
IVN 12000	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
IVN 10000	5.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
IVN 9000	5.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
IVN 8000	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
IVN 7000	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
IVN 6000	7.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
IVN 5000	7.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
IVN 4500	12.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
IVN 4000	13.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
IVN 3500	15.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
IVN 3000	15.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
IVN 2500	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 2000	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 1800	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 1500	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 1200	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 1000	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 900	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 800	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 700	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 600	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 500	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 400	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 300	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 200	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 100	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IVN 0	16.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1

TOTAL NUMBER OF OBSERVATIONS

678

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 STATION NAME: 25-VIC / 140

# CEILING VERSUS VISIBILITY

2 44  
 STATION

1403 AAF TX (ELL PASCO)  
 STATION NAME

73-5  
 YEARS

FE  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-200  
 HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	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
≥ 20000	72.7	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 18000	72.7	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 16000	72.7	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 14000	72.7	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 12000	72.7	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 10000	72.7	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	72.7	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 8000	72.7	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 7000	72.7	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 6000	72.7	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 5000	72.7	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 4500	72.7	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 4000	72.7	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 3500	72.7	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 3000	72.7	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 2500	72.7	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 2000	72.7	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 1800	72.7	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 1500	72.7	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 1200	72.7	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 1000	72.7	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 900	72.7	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 800	72.7	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 700	72.7	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 600	72.7	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 500	72.7	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 400	72.7	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 300	72.7	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 200	72.7	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 100	72.7	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 0	72.7	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

TOTAL NUMBER OF OBSERVATIONS

677



U. S. AIR FORCE  
 METEOROLOGICAL SERVICE

# CEILING VERSUS VISIBILITY

2 44  
 STATION

1005 AAF TX (EL PASO)  
 STATION NAME

23-80  
 YEARS

FL  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
 HOURS 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING	77.4	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	79.4	79.4
≥20000	71.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 18000	71.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 16000	73.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 14000	73.0	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	86.1	86.1	86.1
IV 12000	73.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 10000	75.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 9000	75.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 8000	76.4	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 7000	77.7	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	91.7	91.7
IV 6000	79.1	93.5	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
IV 5000	80.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 4500	80.9	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	96.2	96.2
IV 4000	80.9	96.3	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 3500	80.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 3000	81.4	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2500	81.9	97.8	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
IV 2000	81.4	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	81.8	98.2	98.5	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
IV 1500	81.4	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	82.0	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	82.2	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	82.3	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	82.3	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	82.3	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	82.3	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	82.3	98.8	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	82.3	98.8	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	82.3	98.8	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	82.3	98.8	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	82.3	98.8	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	82.3	98.8	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 676

LOCAL CLIMATOLOGY BRANCH  
USAF ETAC  
AVIATION SERVICE UNIT

# CEILING VERSUS VISIBILITY

STATION: 2744 STATION NAME: 101st AAF TY (EL PASO) YEARS: 73-80 FLIGHT MONTH: ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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	74.4	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 20000	74.3	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 18000	75.1	75.9	76.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4
IV 16000	75.2	75.2	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7
IV 14000	75.4	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
IV 12000	77.1	77.4	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	77.6
IV 10000	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	77.6	77.6	77.6
IV 9600	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 8000	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	77.6	77.6	77.6
IV 7000	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 6000	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 5000	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 4500	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 4000	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 3500	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 3000	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 2500	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 2000	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 1800	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 1500	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 1200	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 1000	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 900	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 800	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 700	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 600	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 500	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 400	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 300	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 200	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 100	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 0	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6

TOTAL NUMBER OF OBSERVATIONS 5422

CENTRAL CLIMATOLOGY BUREAU  
 WASHINGTON, D.C.  
 AIR FORCE SERVICE CENTER

# CEILING VERSUS VISIBILITY

2 44  
 STATION

WINGS AAF TX (EL PASO)  
 STATION NAME

73-8  
 YEARS

YEAR  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-2400  
 HOURS (LT)

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	74.4	77.5	77.8	77.8	77.8	77.2	77.8	77.8	77.5	77.4	77.8	77.8	77.8	77.8	77.8	77.8
IV 20000	74.4	74.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 18000	74.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 16000	74.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 14000	74.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 12000	74.4	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	85.4
IV 10000	74.4	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	74.4	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 8000	74.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 7000	74.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 6000	74.4	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 5000	74.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 4500	74.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 4000	74.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 3500	74.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 3000	74.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2500	74.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2000	74.4	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	99.9
IV 1800	74.4	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	99.9
IV 1500	74.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	74.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	74.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	74.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	74.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	74.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	74.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	74.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	74.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	74.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	74.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	74.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

WALLINGFORD BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/ALAC

# CEILING VERSUS VISIBILITY

2749 360 AAF TX (LL AAS)  
 STATION STATION NAME

73-80  
 YEARS

MAR  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-650  
 HOURS EST

CEILING FEET*	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 20000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 18000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 16000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 14000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 12000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 10000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 9000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 8000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 7000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 6000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 5000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 4500	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 4000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3500	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 2500	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 2000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 1800	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 1500	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 1200	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 1000	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 900	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 800	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 700	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 600	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 500	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 400	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 300	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 200	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 100	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 0	74.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7

TOTAL NUMBER OF OBSERVATIONS

743

FEDERAL BUREAU OF SURVEY  
 NATIONAL METEOROLOGICAL SERVICE  
 WASHINGTON, D. C.

# CEILING VERSUS VISIBILITY

STATION: 244 WAGON AFB TX (EL 400) YEARS: 73-8 MONTH: VA

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM NO. 650-0507  
 (REV. 1-57)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.1	≥ 0.05	≥ 0.02	≥ 0.01	≥ 0.005	≥ 0.002
NO CEILING	76.9	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
≥ 20000	3.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
IVN 18000	4.9	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
IVN 16000	6.9	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
IVN 14000	7.7	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IVN 12000	9.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IVN 10000	1.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IVN 9000	1.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IVN 8000	1.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IVN 7000	2.4	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
IVN 6000	4.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IVN 5000	4.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IVN 4500	5.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IVN 4000	6.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IVN 3500	6.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IVN 3000	7.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVN 2500	7.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IVN 2000	7.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IVN 1800	7.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IVN 1500	7.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IVN 1200	8.1	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	99.4	99.4
IVN 1000	8.1	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	99.4	99.4
IVN 900	8.1	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	99.4	99.4
IVN 800	8.1	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	99.4	99.4
IVN 700	8.1	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	99.4	99.4
IVN 600	8.1	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	99.4	99.4
IVN 500	8.1	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	99.4	99.4
IVN 400	8.1	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	99.4	99.4
IVN 300	8.1	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	99.4	99.4
IVN 200	8.1	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	99.4	99.4
IVN 100	8.1	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	99.4	99.4
IVN 0	8.1	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	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 744

CLIMATE DATA SHEET  
 METEOROLOGICAL  
 DATA CENTER

# CEILING VERSUS VISIBILITY

STATION 44 1000 AAF TX (EL 8450)

73-8

YEAR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9-1-1950  
 MONTHS LIST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	71.1	74.0	79.1	79.2	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 20000	5.0	5.0	85.7	85.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 18000	15.4	16.5	86.5	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 16000	16.2	17.5	87.5	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 14000	17.5	18.4	88.6	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 12000	18.3	19.4	89.4	89.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 10000	19.4	21.4	91.4	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 9000	20.6	21.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 8000	21.4	21.4	91.1	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 7000	21.4	22.3	92.1	92.6	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 6000	21.4	22.6	92.7	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
IV 5000	23.5	24.6	94.4	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 4500	23.4	24.9	95.0	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 4000	24.5	25.5	96.1	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 3500	25.0	26.2	96.4	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 3000	25.4	27.0	97.2	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 2500	26.5	28.1	98.3	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
IV 2000	26.6	28.3	98.4	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
IV 1800	26.7	28.5	98.4	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
IV 1500	26.7	28.5	98.4	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
IV 1200	27.2	29.2	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	27.2	29.2	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	27.3	29.2	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	27.2	29.2	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	27.1	29.2	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	27.2	29.2	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	27.2	29.2	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	27.2	29.2	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	27.2	29.2	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	27.2	29.2	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	27.2	29.2	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	27.2	29.2	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 745

AL CL METEOROLOGICAL  
 STATION  
 STATION NAME

# CEILING VERSUS VISIBILITY

244  
 STATION

13 APR 57 (LL FREQ)  
 STATION NAME

73-27  
 YEARS

MAY  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12-3-1400  
 HOURS

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	63.4	67.5	71.1	71.0	71.6	71.9	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	1.5	4.2	8.3	14.3	20.0	25.2	28.5	31.3	33.7	35.3	36.3	36.3	36.3	36.3	36.3	36.3
IV 18000	2.7	7.3	14.1	21.0	27.5	32.8	36.9	40.6	43.4	45.4	46.5	46.5	46.5	46.5	46.5	46.5
IV 14000	3.7	10.2	18.5	26.0	33.7	39.9	45.6	50.9	55.4	58.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 12000	5.1	13.7	24.4	34.0	43.7	51.4	58.1	63.9	68.4	71.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 10000	6.7	17.8	31.7	43.0	53.7	62.4	69.1	74.9	78.4	80.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 9000	8.1	21.8	38.0	50.0	60.7	69.4	76.1	81.9	84.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 8000	9.7	25.8	44.3	57.0	66.7	75.4	82.1	87.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 7000	11.3	29.8	50.6	64.0	73.7	82.4	89.1	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 6000	13.0	33.8	56.9	70.0	79.7	88.4	95.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 5000	14.7	37.8	63.2	76.0	85.7	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	16.4	41.8	69.5	82.0	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	18.1	45.8	75.8	88.0	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	19.8	49.8	82.1	94.0	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 3000	21.5	53.8	88.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	23.2	57.8	94.7	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 2000	24.9	61.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	26.6	65.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	28.3	69.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	30.0	73.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	31.7	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	33.4	81.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	35.1	85.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	36.8	89.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	38.5	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	40.2	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	41.9	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	100.0	100.0
IV 300	43.6	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	100.0	100.0
IV 200	45.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	47.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	48.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATE DIVISION  
 AFM 34-130  
 1-1-64 (REV. 1-64)

# CEILING VERSUS VISIBILITY

STATION 44 2000 AME IX (EL PASO) 73-87 YEARS 44  
 STATION NAME HOST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.0-17.0  
 HOURS

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	64.5	71.3	77.7	71.3	73.1	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 20000	1.3	3.5	8.3	4.9	35.9	6.3	85.3	36.3	96.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 18000	1.3	4.1	8.4	5.2	15.1	6.3	85.5	36.5	96.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 16000	2.5	4.5	8.4	5.0	15.5	6.7	86.9	36.9	96.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 14000	3.6	5.0	8.5	4.7	17.3	7.3	88.0	38.0	98.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 12000	6.7	5.0	8.4	3.1	9.7	7.3	88.4	38.4	98.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 10000	7.2	9.2	8.9	9.8	91.5	91.7	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 9000	7.9	8.2	9.0	9.8	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 8000	8.3	9.3	9.1	91.7	92.6	92.7	93.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 7000	7.1	11.0	91.5	92.3	93.7	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 6000	7.3	12.3	92.9	93.7	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 5000	1.5	93.5	94.1	95.0	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 4500	1.7	93.7	94.7	95.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 4000	3.7	95.7	96.2	97.2	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 3500	3.9	96.1	96.3	97.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 3000	4.3	96.4	96.4	97.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2500	4.6	96.6	97.3	98.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	4.9	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1800	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1500	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	4.8	96.8	97.3	98.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 743



# CEILING VERSUS VISIBILITY

STATION: 14 STATION NAME: SAFETY (EL PASO) YEARS: 7-8 MONTH: SEP  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1800-2000 HOURS EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0	≥ 0
NO CEILING	71.0	77.7	73.0	77.5	77.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 20000	44.7	64.7	54.8	54.9	49.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 1000	2.4	8.3	8.4	8.4	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
≥ 16000	4.1	8.3	8.4	8.4	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
≥ 14000	5.9	8.3	8.4	8.4	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
≥ 12000	5.9	8.3	8.4	8.4	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
≥ 10000	7.8	9.1	9.1	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
≥ 9000	7.8	9.1	9.1	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
≥ 8000	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 7000	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 6000	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 5000	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 4500	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 4000	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 3500	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 3000	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 2500	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 2000	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 1800	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 1500	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 1200	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 1000	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 900	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 800	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 700	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 600	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 500	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 400	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 300	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 200	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 100	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
0	8.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4

TOTAL NUMBER OF OBSERVATIONS 744

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

# CEILING VERSUS VISIBILITY

STATION: 744 USAF ETX (EL PASO) YEARS: 75-81 MA: 0000

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-2300  
 HOURS / DAY

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	71.4	71.0	71.7	71.9	71.0	71.9	71.0	71.7	71.0	71.4	71.7	71.4	71.9	71.7	71.7	71.9
≥ 20000	77.8	76.7	83.4	84.1	87.0	84.1	89.0	85.0	87.1	80.0	84.0	87.1	89.0	89.0	89.7	89.7
IV 18000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 16000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 14000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 12000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 10000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 9000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 8000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 7000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 6000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 5000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4500	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 3500	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 3000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 2500	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 2000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1800	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1500	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1200	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1000	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 900	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 800	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 700	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 600	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 500	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 400	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 300	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 200	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 100	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 0	77.4	76.7	83.4	84.0	87.0	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0

TOTAL NUMBER OF OBSERVATIONS: 744

FEDERAL BUREAU OF SURVEY  
 NATIONAL METEOROLOGICAL SERVICE

# CEILING VERSUS VISIBILITY

STATION: WINDS AAF TX (EL PASO) YEARS: 73-91 MONTH: ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.1	≥0	
NO CEILING	70.2	77.0	71.0	76.1	76.4	73.4	75.5	78.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 20000	75.1	75.1	55.7	55.5	45.7	45.8	55.2	55.3	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 18000	75.4	75.7	55.7	55.7	45.8	46.9	56.1	56.1	65.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 16000	75.1	76.7	55.4	56.0	46.8	46.9	56.9	56.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 14000	75.9	77.1	57.7	57.4	47.7	47.8	57.8	57.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 12000	75.2	79.0	57.7	59.9	47.1	47.3	57.3	57.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 10000	74.8	71.1	71.7	71.4	41.7	41.7	71.8	71.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 9000	71.1	71.9	71.7	71.7	42.7	42.7	72.3	72.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 8000	55.8	72.0	72.7	73.7	43.3	43.3	73.4	73.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 7000	65.5	73.4	73.7	75.8	44.1	44.2	74.2	74.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 6000	77.9	74.4	74.7	74.9	45.7	45.7	75.3	75.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 5000	55.7	76.7	76.7	76.5	46.7	46.8	76.9	76.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 4500	79.2	76.5	76.7	77.1	47.3	47.3	77.4	77.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4000	77.9	77.4	77.4	77.9	47.7	47.7	78.3	78.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 3500	77.1	77.6	77.8	78.1	48.4	48.4	78.5	78.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3000	77.7	78.1	78.4	78.0	48.9	48.9	79.1	79.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 2500	77.8	78.9	78.7	78.9	49.2	49.2	79.4	79.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2000	77.7	78.7	78.4	79.1	49.4	49.5	79.6	79.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1800	77.7	78.7	78.9	79.1	49.4	49.5	79.6	79.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1500	77.7	78.7	78.9	79.2	49.5	49.5	79.7	79.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1200	77.7	78.9	79.2	79.4	49.7	49.7	79.9	79.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1000	77.7	78.9	79.2	79.4	49.7	49.7	79.9	79.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 900	77.7	78.9	79.2	79.4	49.7	49.7	79.9	79.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 800	77.7	78.9	79.2	79.4	49.7	49.7	79.9	79.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 700	77.7	78.9	79.2	79.4	49.7	49.7	79.9	79.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 600	77.7	78.9	79.2	79.4	49.7	49.7	79.9	79.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 500	77.7	78.9	79.2	79.4	49.7	49.7	79.9	79.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 400	77.7	78.9	79.2	79.4	49.7	49.7	79.9	79.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 300	77.7	78.9	79.2	79.4	49.7	49.7	79.9	79.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 200	77.7	78.9	79.2	79.4	49.7	49.7	79.9	79.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 100	77.7	78.9	79.2	79.4	49.7	49.7	79.9	79.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 0	77.7	78.9	79.2	79.4	49.7	49.7	79.9	79.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9

TOTAL NUMBER OF OBSERVATIONS 5949

# CEILING VERSUS VISIBILITY

USAF ETAC FORM 3-64 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION: 1001 AAF TX (EL CASO) YEARS: 73-87 MONTH: APR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0000  
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	74.3	55.1	45.4	34.2	24.0	14.0	8.7	4.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
IV 20000	77.7	67.3	57.3	46.5	36.9	26.5	16.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
IV 18000	77.7	68.5	58.5	47.6	37.6	27.6	17.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
IV 16000	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 14000	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 12000	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 10000	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 9000	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 8000	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 7000	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 6000	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 5000	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 4500	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 4000	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 3500	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 3000	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 2500	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 2000	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 1800	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 1500	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 1200	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 1000	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 900	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 800	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 700	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 600	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 500	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 400	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 300	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 200	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 100	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
IV 0	77.7	69.5	59.5	48.6	38.6	28.6	18.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6

TOTAL NUMBER OF OBSERVATIONS 719

FEDERAL CIVIL AVIATION AUTHORITY  
 WASHINGTON, D. C. 20515

# CEILING VERSUS VISIBILITY

STATION: WAF 74 (EL 30) STATION NAME: WAF 74 YEARS: 73-81 MONTH: APR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5300-500  
 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0	
NO CEILING	75.1	72.4	87.4	77.4	87.4	77.4	87.4	77.4	87.4	77.4	87.4	77.4	87.4	77.4	87.4	77.4	87.4
IV 20000	75.1	72.4	87.4	77.4	87.4	77.4	87.4	77.4	87.4	77.4	87.4	77.4	87.4	77.4	87.4	77.4	87.4
IV 18000	•	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	87.8	87.8
IV 16000	•	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 14000	•	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 12000	2.7	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	91.1
IV 10000	3.3	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	92.4
IV 9000	4.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 8000	•	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 7000	6.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 6000	7.6	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	98.6
IV 5000	7.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 4500	7.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 4000	7.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 3500	7.9	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	99.4	99.4
IV 3000	8.1	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	99.6	99.6	99.6
IV 2500	8.1	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	99.6	99.6	99.6
IV 2000	8.1	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	99.6	99.6	99.6
IV 1800	8.1	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	99.6	99.6	99.6
IV 1500	8.1	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	99.6	99.6	99.6
IV 1200	8.1	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	99.6	99.6	99.6
IV 1000	8.1	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	99.6	99.6	99.6
IV 900	8.1	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	99.6	99.6	99.6
IV 800	8.1	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	99.6	99.6	99.6
IV 700	8.1	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	99.6	99.6	99.6
IV 600	8.1	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	99.6	99.6	99.6
IV 500	8.1	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	99.6	99.6	99.6
IV 400	8.1	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	99.6	99.6	99.6
IV 300	8.1	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	99.6	99.6	99.6
IV 200	8.1	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	99.6	99.6	99.6
IV 100	8.1	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	99.6	99.6	99.6
IV 0	8.1	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	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 720

LOCAL CLIMATOLOGY SEARCH  
 USAF ETAC  
 WEATHER SERVICE

# CEILING VERSUS VISIBILITY

STATION: 44      STATION NAME: EL PASO      YEARS: 73-81      MONTHS: APR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

60-1000  
 HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.7	≥1.5	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	7.7	51.4	51.5	41.5	41.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
≥ 20000	7.1	57.8	57.5	37.9	37.9	7.9	37.9	7.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
IV 18000	7.5	57.5	58.1	38.1	38.1	8.1	38.1	7.5	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 16000	7.4	58.1	58.2	38.2	38.2	8.2	38.2	7.4	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
IV 14000	7.7	58.9	59.5	39.5	39.5	8.5	39.5	7.7	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
IV 12000	1.7	52.4	52.5	32.5	32.5	2.5	32.5	1.7	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
IV 10000	3.5	34.5	34.3	24.3	24.3	4.3	34.3	3.5	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
IV 9000	4.3	34.4	34.5	24.5	24.5	4.5	34.5	4.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
IV 8000	4.5	35.3	35.4	25.4	25.4	4.4	35.4	4.5	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
IV 7000	4.5	35.3	35.4	25.4	25.4	4.4	35.4	4.5	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
IV 6000	6.5	46.9	47.1	37.1	37.1	7.1	47.1	6.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV 5000	6.7	47.4	47.5	37.5	37.5	7.5	47.5	6.7	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 4500	6.9	47.6	47.6	37.6	37.6	7.6	47.6	6.9	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 4000	7.1	47.9	47.9	37.9	37.9	7.9	47.9	7.1	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
IV 3500	7.5	48.3	48.5	38.5	38.5	8.5	48.5	7.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
IV 3000	8.1	48.9	49.2	39.2	39.2	9.2	49.2	8.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 2500	8.3	49.2	49.3	39.3	39.3	9.3	49.3	8.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
IV 2000	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 1800	8.7	49.3	49.4	39.4	39.4	9.4	49.4	8.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 1500	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 1200	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 1000	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 900	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 800	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 700	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 600	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 500	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 400	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 300	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 200	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 100	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 0	8.5	49.3	49.4	39.4	39.4	9.4	49.4	8.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4

TOTAL NUMBER OF OBSERVATIONS 72 J

LOCAL CLIMATOLOGY WATCH  
 STATION NAME

# CEILING VERSUS VISIBILITY

STATION 2004 2005 AAF BY (EL 2000)

73-81

YEARS

AP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

907-1100  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING ≥ 20000	2.6	25.2	53.4	71.8	87.7	93.7	94.0	94.3	94.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1
18000	5.1	35.7	89.1	89.2	87.3	89.3	89.6	89.6	89.1	85.7	89.7	89.7	89.7	89.7	89.7	89.7
16000	8.6	49.2	89.4	84.6	89.7	89.7	71.7	89.3	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
14000	8.1	44.7	91.1	90.1	91.3	91.3	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
12000	9.7	41.1	91.4	91.3	91.7	91.7	91.9	91.9	91.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1
10000	2.1	35.0	91.3	93.5	93.6	93.6	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
9000	2.7	33.6	93.9	94.0	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
8000	2.2	33.7	94.1	94.2	94.2	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
7000	2.7	34.3	94.4	94.7	94.9	94.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
6000	5.1	35.8	95.2	96.4	96.1	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
5000	4.8	36.4	96.7	96.2	96.9	96.9	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
4500	6.4	37.1	97.4	97.5	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
4000	6.4	37.1	97.4	97.5	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
3500	6.8	37.4	97.3	97.9	98.1	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
3000	6.7	37.9	98.1	98.2	98.3	98.3	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2500	7.1	38.1	98.3	98.5	98.6	98.6	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2000	7.6	38.7	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1800	7.1	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1500	7.4	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1200	7.4	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1000	7.6	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
900	7.8	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
800	7.6	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
700	7.4	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	7.6	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
500	7.6	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	7.6	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
300	7.6	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
200	7.6	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
100	7.6	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	7.6	38.8	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 712

U.S. AIR FORCE  
 AIR FORCE SERVICE CENTER

# CEILING VERSUS VISIBILITY

244 105 AAF BY (ELL PASO) 70-0 APR 1950

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
 HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.16	≥.1	≥0
NO CEILING	75.0	85.3	85.4	85.7	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 20000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 18000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 16000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 14000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 12000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 10000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 9000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 8000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 7000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 6000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 5000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4500	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 3500	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 3000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 2500	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 2000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1800	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1500	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1200	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1000	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 900	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 800	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 700	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 600	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 500	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 400	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 300	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 200	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 100	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 0	65.0	75.1	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6

TOTAL NUMBER OF OBSERVATIONS 720



UNITED STATES AIR FORCE  
 14-00000  
 14-00000

# CEILING VERSUS VISIBILITY

2 64 14000 AAF TX (EL CASO)

75-8

AP-

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1510-1736  
 HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0	
NO CEILING	77.1	76.2	75.5	75.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
≥ 20000	5.7	7.5	67.9	37.9	92.5	74.8	83.9	73.5	88.0	89.1	89.5	89.5	89.5	89.6	88.6	89.5	82.6
≥ 18000	5.7	7.5	87.4	77.9	81.5	90.3	82.5	88.5	82.4	84.5	82.5	84.5	84.5	84.5	84.6	88.6	88.6
≥ 16000	5.7	7.5	87.4	38.0	71.6	88.6	88.6	88.6	82.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
≥ 14000	6.7	11.2	87.7	24.0	84.0	79.6	89.1	89.6	80.4	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 12000	6.7	51.9	91.8	97.1	97.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 10000	6.7	52.4	92.4	92.8	97.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 9000	6.7	52.2	92.5	92.8	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 8000	6.7	53.5	93.4	94.0	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 7000	6.7	54.1	94.4	94.9	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 6000	6.7	95.0	95.4	95.9	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	6.7	96.9	96.7	97.4	97.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4500	6.7	96.9	96.9	97.4	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4000	6.7	96.7	97.1	97.9	98.5	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	6.7	96.7	97.1	97.8	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	6.7	96.9	97.7	97.8	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	6.7	96.9	97.4	97.8	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	6.7	97.1	97.1	97.9	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	6.7	97.1	97.9	97.9	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	6.7	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	6.7	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	6.7	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	6.7	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	6.7	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	6.7	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	6.7	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	6.7	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	6.7	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	6.7	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	6.7	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	6.7	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	6.7	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 719

# CEILING VERSUS VISIBILITY

STATION: AFWAF 1Y (EL 7453) YEARS: 71-80 MONTH: APR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14,07-2036  
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	76.4	79.0	87.0	90.1	91.3	93.3	93.8	95.3	95.7	96.3	97.3	98.3	98.3	99.3	99.3	99.3
≥ 20000	4.0	47.9	87.0	93.0	97.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
18000	4.0	47.9	83.0	90.0	91.6	93.6	93.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
16000	4.0	47.9	85.0	90.0	91.6	93.6	93.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
14000	5.0	44.0	87.0	90.4	91.6	93.6	93.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
12000	6.0	40.0	91.0	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
10000	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
9000	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
8000	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
7000	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
6000	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
5000	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
4500	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
4000	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
3500	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
3000	7.0	37.0	93.0	93.2	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	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
2000	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1800	7.0	37.0	93.0	93.2	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	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1200	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1000	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
900	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
800	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
700	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
600	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
500	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
400	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
300	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
200	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
100	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
0	7.0	37.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS 719

LOCAL CLIMATOLOGY BRANCH  
 AFETAC  
 WEATHER SERVICE

# CEILING VERSUS VISIBILITY

STATION: WACO AAF 17 (EL 2470) YEARS: 73-81 MONTH: APR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4100-7300  
 HOURS (LT)

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	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
≥ 20000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 18000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 16000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 14000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 12000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 10000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 9000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 8000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 7000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 6000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 5000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 4500	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 4000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 3500	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 3000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 2500	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 2000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 1800	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 1500	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 1200	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 1000	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 900	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 800	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 700	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 600	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 500	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 400	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 300	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 200	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 100	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5
IV 0	70.7	83.4	83.9	80.5	83.9	83.9	82.9	83.5	87.5	83.5	87.5	83.5	87.5	83.5	87.5	83.5

TOTAL NUMBER OF OBSERVATIONS 720

WIND CLEARANCE BY WIND  
 STATION  
 DATE: 12-1-54

# CEILING VERSUS VISIBILITY

2 44 STARS AAF TX (EL PASO)  
 STATION

77-40

YEARS

APR  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS CST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	77.1	1.2	81.4	1.5	81.7	51.7	81.7	1.7	81.7	81.8	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥3000	3.4	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 18000	3.7	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 16000	3.7	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 14000	4.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 12000	6.4	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 10000	7.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 9000	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 8000	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 7000	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 6000	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 5000	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 4500	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 4000	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 3500	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 3000	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 2500	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 2000	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 1800	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 1500	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 1200	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 1000	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 900	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 800	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 700	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 600	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 500	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 400	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 300	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 200	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 100	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 0	8.3	88.7	88.7	3.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7

TOTAL NUMBER OF OBSERVATIONS 5756

GENERAL CLIMATE DATA REPORT

STATION NAME

# CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

DATE

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1956-1956  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 20000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
18000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
16000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
14000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
12000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
10000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
9000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
8000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
7000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
6000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
5000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
4500	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
4000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
3500	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
3000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
2500	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
2000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
1800	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
1500	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
1200	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
1000	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
900	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
800	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
700	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
600	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
500	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
400	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
300	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
200	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
100	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
0	75.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5

TOTAL NUMBER OF OBSERVATIONS 744

FEDERAL BUREAU OF SURVEY  
 U.S. AIR FORCE  
 WASHINGTON, D.C.

# CEILING VERSUS VISIBILITY

STATION: 44 44 AF TX (EL PASO)  
 STATION NAME: 44

73-8

YEAR: 1957

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-2500  
 HOURS: 151

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥2/3	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	74.6	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
≥ 20000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
≥ 18000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 18000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 14000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 12000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 10000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 9000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 8000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 7000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 6000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 5000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 4500	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 4000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 3500	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 3000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 2500	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 2000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 1800	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 1500	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 1200	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 1000	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 900	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 800	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 700	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 600	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 500	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 400	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 300	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 200	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 100	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0
IV 0	75.0	72.0	67.0	62.0	57.0	52.0	47.0	42.0	37.0	32.0	27.0	22.0	17.0	12.0	7.0	2.0

TOTAL NUMBER OF OBSERVATIONS

44

GLOBAL CLIMATOLOGY BRANCH  
 USAFLIAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2044  
STATION

DIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 18000	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	87.6
IV 16000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 14000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 12000	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	91.7	91.7	91.7
IV 10000	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 9000	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 8000	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 7000	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 6000	96.8	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	96.9
IV 5000	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	97.4	97.4
IV 4500	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 4000	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 3500	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 3000	98.5	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
IV 2500	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

LOCAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23144 BIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	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	83.2
IV 20000	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	90.9	90.9
IV 18000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 16000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 14000	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	92.2	92.2	92.2
IV 12000	93.2	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
IV 10000	94.5	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
IV 9700	95.0	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 8000	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 7000	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	96.0	96.0	96.0
IV 6000	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 5000	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	97.6	97.6
IV 4500	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	97.6	97.6
IV 4000	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 3500	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 3000	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	98.2	98.2
IV 2500	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	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	99.9	99.9
IV 1800	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	99.9	99.9
IV 1500	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	99.9	99.9
IV 1200	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	99.9	99.9
IV 1000	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	99.9	99.9
IV 900	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	99.9	99.9
IV 800	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	99.9	99.9
IV 700	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	99.9	99.9
IV 600	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	99.9	99.9
IV 500	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21044 BIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	78.0	76.7	79.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 20000	89.1	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	89.6	89.6
IVW 18000	89.1	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	89.6	89.6
IVW 16000	89.1	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	89.6	89.6
IVW 14000	90.2	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IVW 12000	92.1	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	92.6	92.6
IVW 10000	92.5	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
IVW 9000	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IVW 8000	93.5	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
IVW 7000	94.1	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	94.9	94.9
IVW 6000	96.0	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IVW 5000	96.5	97.3	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
IVW 4500	96.6	97.3	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
IVW 4000	97.6	98.1	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
IVW 3500	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVW 3000	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVW 2500	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVW 2000	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 1800	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 1500	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 1200	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 1000	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 900	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 800	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 700	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 600	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 500	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 400	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 300	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 200	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 100	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVW 0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27044 EIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	73.7	73.9	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
IV 20000	87.5	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 18000	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 16000	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 14000	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 12000	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	90.9
IV 10000	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 9000	91.8	92.2	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
IV 8000	92.6	93.0	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
IV 7000	94.1	94.5	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
IV 6000	96.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 5000	97.4	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	98.8	98.8
IV 4500	97.4	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	98.8	98.8
IV 4000	97.7	98.7	98.9	98.9	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 3500	97.8	98.8	99.1	99.1	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 3000	98.0	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2500	98.0	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2000	98.4	99.3	99.6	99.6	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	98.4	99.3	99.6	99.6	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 1500	98.4	99.3	99.6	99.6	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 1200	98.4	99.3	99.6	99.6	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 1000	98.4	99.3	99.6	99.6	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 900	98.4	99.3	99.6	99.6	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 800	98.4	99.3	99.6	99.6	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 700	98.4	99.3	99.6	99.6	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	98.4	99.3	99.6	99.6	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	98.4	99.3	99.6	99.6	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 400	98.4	99.3	99.6	99.6	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 300	98.4	99.3	99.6	99.6	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 200	98.4	99.3	99.6	99.6	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 100	98.4	99.3	99.6	99.6	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 0	98.5	99.5	99.7	99.7	99.7	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 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044  
STATION

WIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	76.7	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	77.7
18000	84.9	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
16000	85.1	86.3	86.3	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
14000	85.9	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
12000	88.7	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
10000	90.3	91.6	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
9000	91.1	92.6	92.6	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
8000	92.3	93.8	93.8	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	94.4	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
6000	95.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
5000	96.2	98.7	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	98.8
4500	96.4	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
4000	96.9	99.3	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
3500	96.8	99.5	99.5	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
3000	96.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2500	96.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2000	96.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1800	96.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1500	96.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1200	96.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	96.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	96.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	96.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	96.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	96.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	96.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	96.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	96.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	96.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	96.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATMOSPHERIC WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27044  
STATION

SIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	72.7	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	79.7
≥ 20000	77.8	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 18000	77.8	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	78.1	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 14000	79.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 12000	81.3	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	90.8
IV 10000	82.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 9000	84.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 8000	84.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 7000	86.1	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
IV 6000	86.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 5000	87.3	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	99.2
IV 4500	87.3	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	99.2
IV 4000	87.6	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	99.6	99.6
IV 3500	87.6	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	99.6	99.6
IV 3000	87.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2500	87.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2000	87.6	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	100.0	100.0
IV 1800	87.6	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	100.0	100.0
IV 1500	87.6	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	100.0	100.0
IV 1200	87.6	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	100.0	100.0
IV 1000	87.6	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	100.0	100.0
IV 900	87.6	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	100.0	100.0
IV 800	87.6	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	100.0	100.0
IV 700	87.6	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	100.0	100.0
IV 600	87.6	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	100.0	100.0
IV 500	87.6	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	100.0	100.0
IV 400	87.6	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	100.0	100.0
IV 300	87.6	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	100.0	100.0
IV 200	87.6	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	100.0	100.0
IV 100	87.6	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	100.0	100.0
IV 0	87.6	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21044  
STATION

GIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (1251)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥'	≥0
NO CEILING ≥20000	76.2	79.7	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 18000	84.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 16000	84.6	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 14000	85.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 12000	87.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 10000	88.9	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	93.4
IV 9000	89.0	94.0	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
IV 8000	90.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 7000	91.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 6000	92.0	97.4	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	97.5
IV 5000	93.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 4500	93.3	98.3	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	98.4
IV 4000	93.7	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	98.8	98.8
IV 3500	93.9	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	99.1	99.1
IV 3000	94.2	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	99.4	99.4
IV 2500	94.4	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	99.6	99.6
IV 2000	94.6	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	99.8	99.8
IV 1800	94.6	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	99.8	99.8
IV 1500	94.6	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	99.8	99.8
IV 1200	94.6	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	99.8	99.8
IV 1000	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 5950

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23L44  
STATION

HIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	71.1	83.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 20000	74.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IN 18000	74.4	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IN 16000	74.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IN 14000	75.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IN 12000	79.4	90.3	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
IN 10000	83.3	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	92.2	92.2
IN 9000	81.3	93.2	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
IN 8000	72.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IN 7000	84.7	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	97.4	97.4
IN 6000	85.7	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
IN 5000	86.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 4500	86.1	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	98.9	98.9
IN 4000	86.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IN 3500	86.8	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	99.6
IN 3000	86.8	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	99.6
IN 2500	86.9	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	100.0
IN 2000	86.9	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	100.0
IN 1800	86.9	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	100.0
IN 1500	86.9	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	100.0
IN 1200	86.9	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	100.0
IN 1000	86.9	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	100.0
IN 900	86.9	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	100.0
IN 800	86.9	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	100.0
IN 700	86.9	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	100.0
IN 600	86.9	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	100.0
IN 500	86.9	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	100.0
IN 400	86.9	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	100.0
IN 300	86.9	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	100.0
IN 200	86.9	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	100.0
IN 100	86.9	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	100.0
IN 0	86.9	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	100.0

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21044  
STATION

BIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥20000	82.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 18000	82.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 16000	83.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 14000	84.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 12000	84.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 10000	88.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 9000	89.3	95.5	95.5	95.5	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 8000	90.1	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 7000	91.2	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	97.9
IV 6000	91.8	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
IV 5000	92.3	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	99.2
IV 4500	92.3	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	99.2
IV 4000	92.9	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	99.7
IV 3500	92.9	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	99.7
IV 3000	93.1	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	99.9
IV 2500	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 718

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR FATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044  
STATION

WIGGS AFB TX (EL PASO)  
STATION NAME

73-80  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING	87.6	87.6	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
≥ 20000	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	91.1
IVN 18000	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	91.5	91.5	91.5
IVN 16000	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IVN 14000	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IVN 12000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVN 10000	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	98.3
IVN 9000	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	98.6	98.6	98.6
IVN 8000	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	98.6	98.6	98.6
IVN 7000	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	98.6	98.6	98.6
IVN 6000	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	98.6	98.6	98.6
IVN 5000	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	98.7
IVN 4500	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVN 4000	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVN 3500	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	99.2	99.2
IVN 3000	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	99.2	99.2
IVN 2500	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	99.6	99.6
IVN 2000	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	100.0	100.0
IVN 1800	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	100.0	100.0
IVN 1500	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	100.0	100.0
IVN 1200	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	100.0	100.0
IVN 1000	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	100.0	100.0
IVN 900	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	100.0	100.0
IVN 800	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	100.0	100.0
IVN 700	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	100.0	100.0
IVN 600	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	100.0	100.0
IVN 500	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	100.0	100.0
IVN 400	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	100.0	100.0
IVN 300	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	100.0	100.0
IVN 200	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	100.0	100.0
IVN 100	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	100.0	100.0
IVN 0	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 719



FEDERAL CLIMATOLOGY BRANCH  
 U.S. AIR FORCE  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27044 BIGGS AAF TX (EL PASO)

73-80

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	93.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 20000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 18000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 16000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 14000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 12000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 10000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 9000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 8000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 7000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 6000	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	98.3	98.3
IV 5000	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	98.3	98.3
IV 4500	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	98.3	98.3
IV 4000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 3500	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 3000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2500	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	99.6	99.6
IV 2000	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	99.9	99.9
IV 1800	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	99.9	99.9
IV 1500	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	99.9	99.9
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27044 SIGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
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	97.2	90.2	90.7	90.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 20000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
18000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
16000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
14000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
12000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
10000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
9000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
8000	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	96.9	96.9
7000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
6000	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	98.2	98.2
5000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
4500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
4000	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	99.7	99.7
3500	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	99.7	99.7
3000	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	99.7	99.7
2500	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	99.9	99.9
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27-44  
STATION

ETGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

JULY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥½	≥0
NO CEILING	80.1	80.1	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥20000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 18000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 16000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 14000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 12000	91.0	92.1	92.4	92.5	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 10000	93.0	93.0	93.0	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 9000	93.0	93.0	93.0	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 8000	94.0	94.0	94.0	94.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 7000	95.0	95.0	96.0	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 6000	97.0	98.1	98.6	98.7	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 5000	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 4500	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 4000	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 3500	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 3000	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2500	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2000	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1800	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1500	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	98.0	98.5	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 719

UNCLASSIFIED  
 SECURITY CLASSIFICATION: UNCLASSIFIED (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 81/026 ✓	2. GOVT ACCESSION NO AD-A095335	3. REPORT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Biggs AAF, El Paso, Texas		5. TYPE OF REPORT & PERIOD COVERED Final rept /															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center ✓ Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)															
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 14 Jan 81															
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		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Biggs AAF, El Paso, Texas. 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))																	

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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

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SIG-AL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2244 BIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-10	≥4	≥0
NO CEILING	74.3	74.7	74.7	74.7	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	55.7	56.5	56.5	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
I/W 18000	45.7	46.5	46.5	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
I/W 16000	35.8	36.7	36.7	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
I/W 14000	27.4	28.2	28.2	28.5	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
I/W 12000	19.9	21.0	21.0	21.3	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
I/W 10000	12.8	13.2	13.2	13.5	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
I/W 9000	9.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
I/W 8000	7.9	8.4	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
I/W 7000	6.4	6.3	6.3	6.5	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
I/W 6000	5.9	5.8	5.8	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 5000	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 4500	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 4000	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 3500	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 3000	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 2500	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 2000	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 1800	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 1500	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 1200	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 1000	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 900	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 800	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 700	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 600	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 500	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 400	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 300	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 200	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 100	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
I/W 0	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044  
STATION

FIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	73.9	79.1	79.3	79.3	79.3	79.3	79.3	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 20000	77.1	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
IV 18000	77.1	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
IV 16000	77.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 14000	78.4	85.4	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 12000	82.9	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	90.5	90.5
IV 10000	83.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 9000	84.1	92.5	92.6	92.6	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 8000	86.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 7000	87.5	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	97.4
IV 6000	88.3	98.3	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
IV 5000	88.3	99.0	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
IV 4500	88.6	99.0	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
IV 4000	88.6	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	99.4	99.4
IV 3500	88.6	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	99.4	99.4
IV 3000	88.6	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	99.4	99.4
IV 2500	88.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2000	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	88.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 719



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27044  
STATION

LIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	81.0	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥20000	86.0	86.2	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	89.0
IV 18000	86.1	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 16000	86.3	89.2	89.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 14000	87.5	90.5	91.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 12000	89.4	93.2	93.2	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 10000	91.0	94.4	94.5	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
IV 9000	91.4	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 8000	92.4	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 7000	93.5	97.4	97.4	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 6000	94.4	98.4	98.5	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 5000	94.7	98.8	98.9	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 4500	94.7	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	99.0
IV 4000	95.1	99.1	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
IV 3500	95.1	99.2	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	99.4
IV 3000	95.2	99.3	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	99.5
IV 2500	95.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2000	95.5	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	99.9
IV 1800	95.5	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	99.9
IV 1500	95.5	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	99.9
IV 1200	95.5	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	99.9
IV 1000	95.5	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	99.9
IV 900	95.5	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	99.9
IV 800	95.5	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	99.9
IV 700	95.5	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	99.9
IV 600	95.5	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	99.9
IV 500	95.5	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	99.9
IV 400	95.5	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	99.9
IV 300	95.5	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	99.9
IV 200	95.5	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	99.9
IV 100	95.5	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	99.9
IV 0	95.5	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	99.9

TOTAL NUMBER OF OBSERVATIONS 5752



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2744 STIGGS AAF TX (EL PA50)  
STATION STATION NAME

73-80  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

J000-C200  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	54.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	59.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IVV 18000	59.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
16000	59.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IVV 14000	61.4	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
12000	68.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IVV 10000	72.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
9000	75.0	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
IVV 8000	78.0	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
7000	79.2	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	93.1
IVV 6000	81.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
5000	81.9	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
IVV 4500	82.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
4000	83.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IVV 3500	83.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3000	83.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVV 2500	83.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2000	83.9	99.5	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	99.6
IVV 1800	83.9	99.5	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	99.6
1500	83.9	99.5	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	99.6
IVV 1200	83.9	99.5	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	99.6
1000	83.9	99.5	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	99.6
IVV 900	83.9	99.5	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	99.6
800	83.9	99.5	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	99.6
IVV 700	83.9	99.5	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	99.6
600	83.9	99.5	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	99.6
IVV 500	83.9	99.5	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	99.6
400	83.9	99.5	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	99.6
IVV 300	83.9	99.5	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	99.6
200	83.9	99.5	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	99.6
IVV 100	83.9	99.5	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	99.6
0	83.9	99.5	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	99.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2004  
STATION

RIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	61.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000	67.5	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 18000	67.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 16000	68.4	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 14000	70.6	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
IV 12000	75.1	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
IV 10000	79.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 9000	81.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 8000	84.0	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	92.2
IV 7000	85.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 6000	86.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 5000	87.4	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
IV 4500	87.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 4000	88.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 3500	88.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 3000	88.8	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	99.5	99.5
IV 2500	88.8	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	99.5	99.5
IV 2000	88.8	99.7	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
IV 1800	88.8	99.7	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
IV 1500	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2144 WIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-0800  
HOURS ST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-10	≥¼	≥0
NO CEILING	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	69.2	69.2
≥ 20000	75.1	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
IVM 18000	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	75.9
IVM 16000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 14000	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	79.4
IVM 12000	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IVM 10000	88.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IVM 9000	91.4	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
IVM 8000	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IVM 7000	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IVM 6000	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 5000	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IVM 4500	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IVM 4000	97.7	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
IVM 3500	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVM 3000	98.1	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
IVM 2500	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 2000	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 1800	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 1500	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 1200	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 1000	98.7	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	99.7	99.7
IVM 900	98.7	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	99.7	99.7
IVM 800	98.7	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	99.7	99.7
IVM 700	98.7	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	99.7	99.7
IVM 600	98.7	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	99.7	99.7
IVM 500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 400	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 300	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 100	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044  
STATION

21665 AAF TX (EL PASO)  
STATION NAME

73-83  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

6900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	¼	≥0
NO CEILING ≥ 20000	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	74.9
18000	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	80.2
16000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
14000	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	81.5	81.5	81.5
12000	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	83.2
10000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
9000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
8000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
7000	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	94.5	94.5
6000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
5000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4500	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
4000	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	96.9	96.9
3500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
3000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2500	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	99.5	99.5	99.5
2000	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	99.7	99.7
1800	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	99.9	99.9
1500	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	99.9	99.9
1200	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	99.9	99.9
1000	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	99.9	99.9
900	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	99.9	99.9
800	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	99.9	99.9
700	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	99.9	99.9
600	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	99.9	99.9
500	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	99.9	99.9
400	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	99.9	99.9
300	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	99.9	99.9
200	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	99.9	99.9
100	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	99.9	99.9
0	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	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27044  
STATION

WIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	58.3	68.3	68.3	69.3	69.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	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	75.4
≥ 18000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	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	75.8	75.8
≥ 14000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 12000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 10000	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	84.1
≥ 9000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 8000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	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	95.2
≥ 4500	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	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	99.5	99.5	99.5
≥ 2500	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	99.6	99.6
≥ 2000	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	99.6	99.6
≥ 1800	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	99.9	99.9
≥ 1500	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	99.9	99.9
≥ 1200	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	99.9	99.9
≥ 1000	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	99.9	99.9
≥ 900	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	99.9	99.9
≥ 800	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	99.9	99.9
≥ 700	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	99.9	99.9
≥ 600	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	99.9	99.9
≥ 500	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	99.9	99.9
≥ 400	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	99.9	99.9
≥ 300	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	99.9	99.9
≥ 200	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	99.9	99.9
≥ 100	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	99.9	99.9
≥ 0	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	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27044  
STATION

BIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS U.T.C.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING ≥ 20000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 18000 IV 16000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 14000 IV 12000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 10000 IV 9000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 8000 IV 7000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 6000 IV 5000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 4500 IV 4000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 3500 IV 3000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2500 IV 2000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800 IV 1500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200 IV 1000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900 IV 800	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700 IV 600	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500 IV 400	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300 IV 200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100 IV 0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21044  
STATION

WIGGS AFB TX (EL PASO)  
STATION NAME

73-80  
YEARS

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	73.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV ≥ 18000	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV ≥ 16000	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV ≥ 14000	72.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV ≥ 12000	81.2	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV ≥ 10000	84.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV ≥ 9000	85.9	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV ≥ 8000	89.1	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
IV ≥ 7000	91.7	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	93.1	93.1
IV ≥ 6000	95.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV ≥ 5000	96.9	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	98.1	98.1
IV ≥ 4500	97.3	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV ≥ 4000	97.3	99.3	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
IV ≥ 3500	97.4	99.5	99.5	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 ≥ 3000	97.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 2500	97.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 2000	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1800	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1500	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1200	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1000	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 900	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 800	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 700	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 600	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 500	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 400	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 300	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 200	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 100	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 0	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE /HAC

# CEILING VERSUS VISIBILITY

27044  
STATION

81365 AAF TX (EL PASO)  
STATE

73-80  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥1	≥0
NO CEILING	51.8	58.8	58.8	58.8	58.8	58.8	58.9	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 20000	59.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 18000	59.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 16000	60.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 14000	62.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 12000	69.7	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 10000	71.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 9000	73.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 8000	76.4	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
IV 7000	77.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 6000	81.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 5000	82.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 4500	82.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 4000	82.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 3500	83.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 3000	83.3	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	99.2
IV 2500	83.3	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	99.2
IV 2000	83.3	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	99.2
IV 1800	83.3	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	99.2
IV 1500	83.3	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	99.2
IV 1200	83.3	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	99.2
IV 1000	83.3	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	99.2
IV 900	83.3	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	99.2
IV 800	83.3	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	99.2
IV 700	83.3	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	99.2
IV 600	83.3	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	99.2
IV 500	83.3	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	99.2
IV 400	83.3	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	99.2
IV 300	83.3	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	99.2
IV 200	83.3	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	99.2
IV 100	83.3	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	99.2
IV 0	83.3	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	99.2

TOTAL NUMBER OF OBSERVATIONS 743



LOCAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2144  
STATION

11666 AAF IX (EL PASO)  
STATION NAME

73-80  
YEARS

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	67.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	70.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	70.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 16000	70.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 14000	72.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 12000	74.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 10000	82.9	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	86.0	86.0
≥ 9000	83.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 8000	85.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	87.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	90.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 5000	91.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4500	92.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	92.7	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
≥ 3500	93.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	93.7	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	93.7	99.4	99.4	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
≥ 2000	93.7	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
≥ 1800	93.7	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	99.8	99.8
≥ 1500	93.7	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	99.8	99.8
≥ 1200	93.7	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	99.8	99.8
≥ 1000	93.7	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	99.8	99.8
≥ 900	93.7	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	99.8	99.8
≥ 800	93.7	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	99.8	99.8
≥ 700	93.7	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	99.8	99.8
≥ 600	93.7	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	99.8	99.8
≥ 500	93.7	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	99.8	99.8
≥ 400	93.7	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	99.8	99.8
≥ 300	93.7	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	99.8	99.8
≥ 200	93.7	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	99.8	99.8
≥ 100	93.7	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	99.8	99.8
≥ 0	93.7	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	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27044  
STATION

2JGS AAF TX (EL PASO)  
STATION NAME

73-8C  
YEAR

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1000-0200  
HOURS (G.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥⅒	≥0
NO CEILING	56.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 20000	60.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IN 18000	60.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IN 16000	60.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IN 14000	62.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IN 12000	67.6	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
IN 10000	72.1	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	84.1
IN 9500	71.9	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
IN 8000	75.9	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	89.6	89.6
IN 7000	77.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IN 6000	79.9	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	94.9
IN 5000	80.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IN 4500	81.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IN 4000	82.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IN 3500	82.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IN 3000	82.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IN 2500	82.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IN 2000	82.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IN 1800	82.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IN 1500	82.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 1200	82.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 1000	82.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 900	82.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 800	82.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 700	82.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 600	82.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 500	82.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 400	82.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 300	82.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 200	82.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 100	82.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 0	82.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

743

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2044 BIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (ZST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	64.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	67.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
IV 18000	67.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
IV 16000	67.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
IV 14000	69.9	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0
IV 12000	74.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
IV 10000	79.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0
IV 9000	80.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
IV 8000	82.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
IV 7000	83.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8
IV 6000	84.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0
IV 5000	85.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 4500	85.6	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV 4000	85.8	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 3500	86.0	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 3000	86.2	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
IV 2500	86.3	98.3	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
IV 2000	86.4	98.7	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
IV 1800	86.4	98.7	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
IV 1500	86.4	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	86.4	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	86.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	86.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	86.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	86.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	86.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	86.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 400	86.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	86.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	86.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	86.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	86.6	99.3	99.6	99.7	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 744

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27044  
STATION

BIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

06CO-0800  
FORM 1-57

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 20000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
18000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
16000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
14000	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	81.5	81.5	81.5
12000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
10000	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	90.1	90.1
9000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
8000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
7000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
6000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
5000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
4500	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
4000	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	98.4
3500	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	98.8
3000	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	98.8
2500	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	99.2	99.2
2000	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	99.5	99.5
1800	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1500	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1200	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1000	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
900	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
800	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
700	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	99.3	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	99.7
500	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044  
STATION

BIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	79.2	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
IV 20000	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 18000	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 16000	83.9	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
IV 14000	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 12000	90.0	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	90.9
IV 10000	92.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 9000	93.2	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
IV 8000	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 7000	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	95.2
IV 6000	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 5000	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 4500	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 4000	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	97.2	97.2
IV 3500	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 3000	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	98.3	98.3	98.3
IV 2500	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 2000	98.5	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
IV 1800	98.5	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
IV 1500	98.5	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
IV 1200	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATA WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2184  
STATION

IGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING ≥ 20000	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 18000	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 16000	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 14000	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 12000	86.3	86.3	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
IV 10000	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	89.0
IV 9000	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	89.9	89.9	89.9
IV 8000	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 7000	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 6000	95.4	95.4	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
IV 5000	97.2	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	97.4
IV 4500	97.3	97.3	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
IV 4000	98.0	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	98.3	98.3
IV 3500	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 3000	98.8	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	99.2	99.2
IV 2500	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 BIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	63.8	63.8	53.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	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	77.8
IVZ 18000	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	77.8
IVZ 16000	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	77.8
IVZ 14000	78.7	78.7	79.7	76.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	72.7
IVZ 12000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IVZ 10000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IVZ 9000	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	87.8	87.8
IVZ 8000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IVZ 7000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IVZ 6000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IVZ 5000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IVZ 4500	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	98.3	98.3
IVZ 4000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVZ 3500	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	99.5	99.5	99.5
IVZ 3000	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	99.5	99.5	99.5
IVZ 2500	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	99.7	99.7
IVZ 2000	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	99.7	99.7
IVZ 1800	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	99.7	99.7
IVZ 1500	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	99.7	99.7
IVZ 1200	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	99.7	99.7
IVZ 1000	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	99.7	99.7
IVZ 900	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	99.7	99.7
IVZ 800	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	99.7	99.7
IVZ 700	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	99.7	99.7
IVZ 600	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	99.7	99.7
IVZ 500	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	99.7	99.7
IVZ 400	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	99.7	99.7
IVZ 300	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	99.7	99.7
IVZ 200	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	99.7	99.7
IVZ 100	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	99.7	99.7
IVZ 0	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	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 743



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21044  
STATION

21044 AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

18CG-2000  
FORM 11-51

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.4	≥.3	≥.25	≥.20
NO CEILING	58.3	60.2	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 20000	70.0	72.6	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 18000	70.0	72.6	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 16000	71.1	73.1	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 14000	72.2	74.5	74.6	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 12000	79.5	81.8	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 10000	83.1	85.8	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 9000	84.9	87.6	87.7	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 8000	87.8	90.7	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 7000	90.0	93.9	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 6000	92.7	96.5	96.8	96.9	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 5000	93.9	97.8	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 4500	94.3	98.2	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 4000	94.7	98.7	98.9	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 3500	94.7	98.8	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 3000	95.1	99.2	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2500	95.1	99.2	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2000	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 741



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

22044  
STATION

HIGGS AAF TX (EL PASO)  
STATION NAME

73-80  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥0	
NO CEILING	54.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.7
≥ 20000	58.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.2
≥ 18000	58.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.2
≥ 16000	59.3	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	70.0	70.2
≥ 14000	61.0	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	72.1	72.2
≥ 12000	66.0	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	78.8	78.9
≥ 10000	70.0	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	84.8	84.9
≥ 9000	72.2	85.0	88.7	85.0	88.0	88.0	88.7	88.0	88.7	88.0	88.7	88.0	88.7	88.0	88.1	88.3
≥ 8000	73.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.7
≥ 7000	76.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	94.1
≥ 6000	78.4	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	95.8	96.0
≥ 5000	79.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.7
≥ 4500	80.0	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	98.4	98.5
≥ 4000	81.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6
≥ 3500	81.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6
≥ 3000	81.2	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	99.6	99.7
≥ 2500	81.2	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	99.6	99.7
≥ 2000	81.2	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	99.9	100.0
≥ 1800	81.2	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	99.9	100.0
≥ 1500	81.2	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	99.9	100.0
≥ 1200	81.2	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	99.9	100.0
≥ 1000	81.2	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	99.9	100.0
≥ 900	81.2	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	99.9	100.0
≥ 800	81.2	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	99.9	100.0
≥ 700	81.2	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	99.9	100.0
≥ 600	81.2	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	99.9	100.0
≥ 500	81.2	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	99.9	100.0
≥ 400	81.2	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	99.9	100.0
≥ 300	81.2	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	99.9	100.0
≥ 200	81.2	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	99.9	100.0
≥ 100	81.2	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	99.9	100.0
≥ 0	81.2	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	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/4AC

# CEILING VERSUS VISIBILITY

27044  
STATION

SIGGS AAF TX (EL PASO)  
STATION NAME

73-89  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥½	≥0
NO CEILING	55.3	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
≥20000	72.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2
18000	72.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2
16000	72.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
14000	74.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
12000	79.2	83.9	83.9	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
10000	82.9	87.7	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	87.9
9000	84.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
8000	85.9	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	91.7
7000	88.2	94.0	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	94.2
6000	89.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
5000	91.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
4500	91.4	97.5	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	97.9
4000	92.0	98.3	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
3500	92.3	98.5	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	98.8
3000	92.5	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2500	92.7	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2000	92.8	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1800	92.9	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	99.7
1500	92.9	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	99.8
1200	93.0	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	99.6	99.8
1000	93.0	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	99.6	99.8
900	93.1	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	99.6	99.9
800	93.1	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	99.6	99.9
700	93.1	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	99.6	99.9
600	93.1	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	99.6	99.9
500	93.1	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	99.6	100.0
400	93.1	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	99.6	100.0
300	93.1	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	99.6	100.0
200	93.1	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	99.6	100.0
100	93.1	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	99.6	100.0
0	93.1	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	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5944

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044  
STATION

WIGGS AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (ZST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	57.6	68.5	68.5	68.5	63.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 20000	60.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
WV 18000	60.6	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
WV 16000	60.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
WV 14000	62.2	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	74.2	74.2
WV 12000	67.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
WV 10000	69.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
WV 9000	70.6	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
WV 8000	72.4	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	85.4
WV 7000	72.6	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	85.8	85.8
WV 6000	75.1	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	88.5
WV 5000	76.1	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
WV 4500	76.4	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	91.0
WV 4000	77.5	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	92.5	92.5
WV 3500	77.6	93.2	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
WV 3000	78.6	94.3	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
WV 2500	79.9	96.1	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
WV 2000	80.4	97.2	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
WV 1800	80.4	97.2	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
WV 1500	80.4	97.6	98.0	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
WV 1200	80.4	97.9	98.9	99.0	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
WV 1000	80.4	97.9	98.9	99.0	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
WV 900	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 800	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 700	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 600	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 500	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 400	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 300	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 200	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 100	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 0	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

OFFICIAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27.44 STATION WIGGS AAF TX (EL PASO)  
STATION NAME

72-79 YEARS

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	67.3	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	69.2
≥20000	61.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
18000	61.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
16000	61.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
14000	62.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
12000	66.9	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
10000	69.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
9000	70.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
8000	71.9	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	84.2
7000	71.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
6000	73.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
5000	74.9	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	88.5
4500	75.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
4000	76.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
3500	77.4	92.2	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	92.5
3000	77.9	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2500	79.3	96.3	96.4	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
2000	79.6	97.2	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
1800	79.6	97.6	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1500	79.6	97.9	98.5	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1200	79.6	98.1	98.6	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1000	79.6	98.1	98.6	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
900	79.6	98.1	98.6	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
800	79.7	98.2	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
700	79.7	98.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	79.7	98.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	79.7	98.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	79.7	98.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	79.7	98.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	79.7	98.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100	79.7	98.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	79.7	98.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27044  
STATION

01665 AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0650-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	57.6	68.5	68.6	68.6	69.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 20000	70.8	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
≥ 18000	71.1	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 16000	71.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 14000	72.9	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 12000	77.1	78.9	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 10000	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
IV 9000	81.1	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 8000	82.6	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 7000	82.5	84.4	84.5	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 6000	85.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 5000	86.9	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4500	87.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 4000	88.5	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 3500	89.4	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3000	90.7	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
IV 2500	91.7	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
IV 2000	94.2	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	96.8	96.8
IV 1800	94.4	97.4	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	97.5
IV 1500	95.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200	95.4	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
IV 1000	95.7	98.6	98.8	99.2	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 900	95.7	98.6	98.8	99.2	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 800	95.7	98.6	98.8	99.2	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 700	95.7	98.6	98.8	99.2	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 600	95.7	98.6	98.8	99.2	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	95.7	98.6	98.8	99.2	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 400	95.7	98.6	98.8	99.2	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 300	95.7	98.6	98.8	99.2	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 200	95.7	98.6	98.8	99.2	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 100	95.7	98.6	98.8	99.2	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 0	95.7	98.6	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATTN: WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21 44 STIGGS AAF TX (EL PASO)  
STATION STATION NAME

72-79  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

3900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	71.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	74.0	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
IV 18000	74.7	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 16000	75.7	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	76.9
IV 14000	76.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 12000	79.3	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
IV 10000	81.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 9000	81.7	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
IV 8000	82.4	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
IV 7000	84.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 6000	85.4	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 5000	86.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4500	87.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 4000	88.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3500	89.3	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
IV 3000	90.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2500	91.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 2000	93.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1800	93.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1500	95.1	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	97.9
IV 1200	95.3	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
IV 1000	95.4	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
IV 900	95.4	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	98.3
IV 800	95.4	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	98.3
IV 700	95.7	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
IV 600	95.7	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
IV 500	95.7	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
IV 400	95.7	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
IV 300	95.7	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
IV 200	95.7	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
IV 100	95.7	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
IV 0	95.7	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

TOTAL NUMBER OF OBSERVATIONS 720

FEDERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2004  
 STATION

1605 AAF TX (EL PASO)  
 STATION NAME

72-79  
 YEARS

SEP  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
 HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5-16	≥¼	≥0
NO CEILING	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	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	77.1
18000	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	77.5
16000	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	77.8
14000	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	78.3	78.3
12000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
10000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
9000	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	83.2
8000	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	83.8
7000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
6000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
5000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
4500	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
4000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
3500	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
3000	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	94.3
2500	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1800	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1500	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	98.2	98.2
1200	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1000	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	98.8
900	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	99.2	99.2
800	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	99.6	99.6
700	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	99.9	99.9
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 726



FEDERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27.44 STATION HIGGS AAF TX (EL PASO)

72-79 YEARS

SEP MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5-16	≥.	≥0
NO CEILING	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	69.3	69.3	69.3
≥ 20000	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV ≥ 18000	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	78.3	78.3
IV ≥ 15000	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV ≥ 14000	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	80.0	80.0	80.0	80.0
IV ≥ 12000	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	83.1	83.1	83.1	83.1
IV ≥ 10000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV ≥ 9000	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV ≥ 8000	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV ≥ 7000	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV ≥ 6000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV ≥ 5000	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	92.8	92.8	92.8
IV ≥ 4500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV ≥ 4000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV ≥ 3500	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV ≥ 3000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV ≥ 2500	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	97.5	97.5	97.5	97.5
IV ≥ 2000	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	98.8	98.8
IV ≥ 1800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV ≥ 1500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV ≥ 1200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 1000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 900	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 700	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 600	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 400	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 300	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 100	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 720



LOCAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2.44 BIGG. AAF TX (EL PASO)  
STATION STATION NAME

12-70  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	65.7	67.5	66.5	66.5	65.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	72.9	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	75.1
IVW 18000	72.9	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	75.1
16000	73.0	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
IVW 14000	74.1	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
12000	74.9	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
IVW 10,000	81.4	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
9200	83.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IVW 8000	84.4	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	87.6
7000	85.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IVW 6000	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	90.8	90.8
5000	89.3	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	93.0
IVW 4500	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
4000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IVW 3500	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
3000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVW 2500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
2000	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	99.2	99.2
IVW 1800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVW 1200	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	99.9	99.9
1000	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	99.9	99.9
IVW 900	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	99.9	99.9
800	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	99.9	99.9
IVW 700	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	99.9	99.9
600	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	99.9	99.9
IVW 500	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	99.9	99.9
400	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	99.9	99.9
IVW 300	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	99.9	99.9
200	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	99.9	99.9
IVW 100	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	99.9	99.9
0	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	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFD WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21044 SIGGS AAF TX (EL PASO)  
STATION STATION NAME

72-79  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS EST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-10	≥.	≥0
NO CEILING	58.5	56.3	66.7	58.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 20000	61.7	73.7	73.7	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
IV 18000	61.8	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	71.1
IV 16000	62.1	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
IV 14000	63.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 12000	70.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 10000	74.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 9000	75.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 8000	76.8	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	88.5
IV 7000	77.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 6000	75.0	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	91.0
IV 5000	80.0	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
IV 4500	80.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 4000	80.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 3500	81.9	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	95.7
IV 3000	83.2	96.9	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 2500	83.8	98.3	98.5	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 2000	83.6	98.5	98.6	98.8	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 1800	83.0	98.9	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	83.6	99.0	99.2	99.3	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 1200	83.6	99.1	99.2	99.3	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 1000	83.6	99.0	99.2	99.3	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 900	83.6	99.0	99.2	99.3	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 800	83.6	99.2	99.3	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	83.6	99.2	99.3	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	83.6	99.2	99.3	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	83.6	99.2	99.3	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	83.6	99.2	99.3	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	83.6	99.2	99.3	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	83.6	99.2	99.3	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	83.6	99.2	99.3	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	83.6	99.2	99.3	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH  
 WCAP/TAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

25 44 BJSJS AAF TX (EL PASO)  
STATION STATION NAME

72-79  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	65.2	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 20000	69.9	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
18000	69.8	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	74.2
16000	70.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
14000	71.3	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
12000	75.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
10000	77.9	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	78.9	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
8000	80.2	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
7000	81.7	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
6000	82.4	88.9	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
5000	84.3	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	90.3
4500	84.8	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	91.0	91.0
4000	85.7	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	92.2	92.2
3500	86.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
3000	87.9	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
2500	89.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
2000	90.1	97.5	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1800	90.1	97.8	98.0	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1500	90.4	98.3	98.6	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1200	90.9	98.4	98.7	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
1000	90.9	98.5	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
900	91.0	98.6	98.9	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
800	90.9	98.6	98.9	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
700	90.9	98.7	99.0	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
600	90.9	98.7	99.0	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
500	90.9	98.7	99.0	99.2	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	90.9	98.7	99.0	99.2	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	90.9	98.7	99.0	99.2	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	90.9	98.7	99.0	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	90.9	98.7	99.0	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	90.9	98.7	99.0	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5759

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIP WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

2744  
STATION

57565 AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

090-0200  
FORM 1151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING	65.5	79.2	79.2	74.2	74.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 20000	67.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 18000	67.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 16000	67.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 14000	67.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 12000	69.4	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
IV 10000	71.7	87.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 9000	71.6	88.7	89.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 8000	73.3	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 7000	73.5	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 6000	74.1	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	92.7
IV 5000	74.9	94.3	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
IV 4500	75.1	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 4000	75.1	94.9	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 3500	75.7	96.1	96.5	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 3000	76.1	96.6	97.0	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
IV 2500	76.1	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 2000	76.1	97.7	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	76.1	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	76.1	98.0	98.5	98.5	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 1200	76.1	98.1	98.7	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
IV 1000	76.1	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	76.1	98.4	99.1	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 800	76.1	98.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	76.1	98.2	99.3	99.3	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 600	76.1	98.2	99.3	99.3	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 500	76.1	98.2	99.3	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
IV 400	76.1	98.2	99.3	99.3	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 300	76.1	98.4	99.5	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
IV 200	76.1	98.4	99.5	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
IV 100	76.1	98.4	99.5	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
IV 0	76.1	98.4	99.5	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

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2744  
STATION

1665 AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

GCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

330-0500  
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	66.6	79.9	87.1	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
≥ 20000	68.6	82.8	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 18000	68.6	82.8	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 16000	68.6	82.8	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 14000	68.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 12000	70.7	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	85.2	85.2
IV 10000	71.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 9000	71.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 8000	72.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 7000	72.9	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 6000	73.9	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
IV 5000	74.4	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 4500	74.7	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 4000	74.8	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
IV 3500	75.2	95.2	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 3000	76.3	96.4	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
IV 2500	76.3	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2000	76.7	98.3	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
IV 1800	76.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	76.7	98.8	99.1	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	76.7	98.8	99.1	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 1000	76.7	98.8	99.1	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 900	76.7	98.8	99.1	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 800	76.7	98.8	99.1	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 700	76.7	98.8	99.1	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 600	76.7	98.8	99.1	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 500	76.7	98.8	99.1	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 400	76.7	98.8	99.1	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 300	76.7	98.8	99.1	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 200	76.7	98.8	99.1	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 100	76.7	98.8	99.1	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 0	76.7	98.8	99.1	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

TOTAL NUMBER OF OBSERVATIONS 743

WORLD CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2544  
STATION

BIGGS AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-10	≥4	≥0
NO CEILING	79.4	83.1	87.7	89.2	87.2	80.2	80.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 20000	83.3	83.8	84.7	84.5	84.0	84.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IVM 18000	83.3	83.8	84.7	84.5	84.0	84.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IVM 16000	83.4	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IVM 14000	84.3	84.5	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	84.6
IVM 12000	85.6	86.3	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
IVM 10000	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IVM 9000	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
IVM 8000	89.2	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IVM 7000	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IVM 6000	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IVM 5000	91.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IVM 4500	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
IVM 4000	92.6	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
IVM 3500	92.7	93.3	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	93.5
IVM 3000	92.6	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IVM 2500	93.3	95.3	95.4	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
IVM 2000	93.7	95.7	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IVM 1800	94.1	96.1	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IVM 1500	94.2	96.8	96.9	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
IVM 1200	94.2	96.8	96.9	97.0	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVM 1000	94.0	97.3	97.4	97.6	97.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IVM 900	94.7	97.4	97.6	97.7	97.8	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVM 800	94.7	97.7	97.8	98.0	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IVM 700	95.1	98.1	98.2	98.4	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVM 600	95.7	98.1	98.2	98.4	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVM 500	95.1	98.3	98.7	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 400	95.1	98.7	98.8	98.9	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 300	95.1	98.7	98.8	98.9	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 200	95.1	98.7	98.9	98.9	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 100	95.1	98.7	98.9	98.9	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 0	95.1	98.7	98.9	98.9	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 742

JUNIOR CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27044  
STATION

WIGGS AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	79.9	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0
≥ 20000	83.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
≥ 18000	83.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 16000	83.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2
≥ 14000	84.9	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1
≥ 12000	86.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
≥ 10000	88.3	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.5
≥ 9000	88.4	89.3	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6
≥ 8000	88.8	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 7000	89.1	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	90.3
≥ 6000	90.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4
≥ 5000	91.0	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥ 4500	91.4	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0
≥ 4000	92.2	93.5	93.5	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 3500	92.8	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 3000	93.3	94.7	94.7	94.7	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.5
≥ 2500	93.7	95.1	95.1	95.1	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	96.0
≥ 2000	95.7	97.2	97.2	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.0
≥ 1800	96.1	97.6	97.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.5
≥ 1500	96.2	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7
≥ 1200	96.4	98.0	98.0	98.0	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.9
≥ 1000	96.6	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.3
≥ 900	96.6	98.2	98.2	98.2	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3
≥ 800	96.6	98.2	98.2	98.2	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 700	96.6	98.2	98.2	98.2	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 600	96.6	98.2	98.2	98.2	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 500	96.6	98.2	98.2	98.2	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 400	96.6	98.2	98.2	98.2	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 300	96.6	98.2	98.2	98.2	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 200	96.6	98.2	98.2	98.2	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 100	96.6	98.2	98.2	98.2	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 0	96.6	98.2	98.2	98.2	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3

TOTAL NUMBER OF OBSERVATIONS 741



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2:44  
STATION

WIGGS AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 20000	85.6	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
≥ 18000	85.6	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
≥ 16000	85.6	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
≥ 14000	86.5	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
≥ 12000	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 10000	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 9000	89.6	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	90.3	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
≥ 7000	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	91.8	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
≥ 5000	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	93.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	93.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	94.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3000	95.0	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	96.2
≥ 2500	95.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	96.2	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	97.6	97.6
≥ 1800	96.2	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	97.6	97.6
≥ 1500	97.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	97.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	97.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	97.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	97.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	97.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	97.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	97.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	97.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	97.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	97.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	97.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	97.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 741



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE / MAC

# CEILING VERSUS VISIBILITY

27044  
STATION

HIGGS AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
WORLD TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	51.7	81.2	81.2	81.3	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 20000	86.8	87.4	87.4	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
IV 18000	87.0	87.1	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 16000	87.9	87.6	87.6	87.8	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 14000	87.9	87.9	87.9	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
IV 12000	89.0	89.1	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
IV 10000	90.6	90.7	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 9000	90.7	90.9	90.9	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
IV 8000	91.8	92.2	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 7000	93.1	93.4	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 6000	93.7	94.1	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 5000	94.8	95.2	95.3	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
IV 4500	95.0	95.4	95.6	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
IV 4000	95.8	96.2	96.4	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 3500	96.4	96.8	96.9	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 3000	96.8	97.2	97.4	97.7	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 2500	97.1	98.0	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2000	98.4	99.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	98.4	99.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1500	98.4	99.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	98.5	99.2	99.5	99.7	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 1000	98.5	99.2	99.5	99.7	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 900	98.5	99.2	99.5	99.7	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 800	98.5	99.2	99.5	99.7	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 700	98.5	99.2	99.5	99.7	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 600	98.5	99.2	99.5	99.7	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 500	98.5	99.2	99.5	99.7	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	98.5	99.2	99.5	99.7	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	98.5	99.2	99.5	99.7	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	98.5	99.2	99.5	99.7	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	98.5	99.2	99.5	99.7	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	98.5	99.2	99.5	99.7	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 744

CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27044  
STATION

WIGGS AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥.4	≥0
NO CEILING	74.3	80.2	80.7	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
≥ 20000	78.3	84.3	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
18000	78.7	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	84.5	84.5
16000	79.1	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	85.2
14000	79.9	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	86.0	86.0
12000	81.8	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
10000	83.5	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
9000	83.6	90.4	90.6	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
8000	84.1	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
7000	84.4	92.1	92.2	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
6000	85.3	93.9	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
5000	85.6	94.0	94.5	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
4500	86.1	95.0	96.0	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
4000	86.7	96.1	96.2	96.5	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
3500	87.2	96.6	96.9	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
3000	87.3	96.9	97.0	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2500	87.4	97.3	97.7	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
2000	87.5	98.0	98.7	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1800	87.6	98.1	98.8	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1500	87.6	98.4	99.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1200	87.6	98.5	99.2	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
1000	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	87.6	98.5	99.2	99.7	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 743

FEDERAL BUREAU OF SURVEY  
 OFFICE OF THE CHIEF OF BUREAU  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27044 SIGGS AAF TX (EL FASO)  
STATION STATION NAME

12-70  
YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	67.5	80.8	81.2	80.8	83.6	83.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 20000	70.8	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 18000	71.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 16000	71.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 14000	72.2	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	85.8	85.8
IV 12000	73.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 10000	74.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 9000	75.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 8000	75.9	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
IV 7000	75.8	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	91.5	91.5
IV 6000	77.4	93.8	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
IV 5000	78.2	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	95.8	95.8
IV 4500	79.2	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	96.2
IV 4000	78.2	96.4	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	96.6
IV 3500	78.4	96.8	96.8	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
IV 3000	78.4	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
IV 2500	78.4	96.8	97.2	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
IV 2000	78.4	97.6	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1800	78.4	97.6	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	78.4	97.6	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	78.4	97.6	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	78.4	97.6	98.4	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 900	78.4	97.7	98.7	99.7	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 800	78.4	97.7	98.7	99.7	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 700	78.4	97.7	98.7	99.7	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 600	78.4	97.7	98.7	99.7	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 500	78.4	97.7	98.7	99.7	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	78.4	97.7	98.7	99.7	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	78.4	97.7	98.7	99.7	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	78.4	97.7	98.7	99.7	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	78.4	97.7	98.7	99.7	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	78.4	97.7	98.7	99.7	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 744

FEDERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2 044  
 STATION

11065 AAF TX (EL PASO)  
 STATION NAME

72-79  
 YEARS

301  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥¾	≥½	≥¼-16	≥¼	≥0
NO CEILING	74.5	80.5	81.6	80.0	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 20000	78.1	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 18000	77.1	84.5	84.5	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 16000	76.4	84.7	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 14000	79.1	85.4	85.4	85.4	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 12000	80.6	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 10000	81.9	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 9000	82.2	89.3	89.4	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
IV 8000	83.0	90.6	91.7	90.7	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 7000	83.0	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 6000	83.7	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 5000	85.3	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 4500	85.7	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 4000	86.1	94.9	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 3500	86.6	95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 3000	87.0	96.1	96.4	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	87.3	96.7	97.0	97.2	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 2000	87.8	97.6	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	87.8	97.8	98.2	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
IV 1500	88.1	98.1	98.5	98.8	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 1200	88.2	98.2	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	88.1	98.3	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	88.2	98.4	98.9	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	88.3	98.5	99.0	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	88.4	98.5	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	88.4	98.5	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	88.4	98.6	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	88.4	98.6	99.2	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	88.4	98.7	99.2	99.5	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	88.4	98.7	99.2	99.5	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	88.4	98.7	99.2	99.5	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	88.4	98.7	99.2	99.5	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 5940

FEDERAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 AIR WEATHER SERVICE / MAC

# CEILING VERSUS VISIBILITY

21644 11005 AAF TX (EL PASO)  
 STATION STATION NAME

72-79  
 YEARS

NOV  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000-0200  
 HOURS (LST)

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 (≥ 2000)	14.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0
18000	16.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2
16000	16.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5
14000	17.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7
12000	18.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7
10000	65.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5
9000	66.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8
8000	69.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9
7000	71.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7
6000	71.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3
5000	71.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3
4500	71.6	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7
4000	71.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0
3500	72.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1
3000	72.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4
2500	72.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8
2000	73.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6
1800	73.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8
1500	73.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9
1200	73.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2
1000	73.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2
900	73.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2
800	73.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
700	73.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
600	73.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
500	73.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
400	73.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
300	73.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
200	73.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
100	73.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
0	73.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 719

LOCAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27-44 STATION NAME 1065 AAF TX (EL PASO) 72-79 YEARS NGV MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING	85.0	83.9	83.9	81.9	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 20000	65.8	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 18000	66.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 16000	66.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 14000	66.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 12000	67.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 10000	68.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 9000	68.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000	68.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	69.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	71.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	72.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4500	72.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4000	72.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	72.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	73.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	73.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	74.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	74.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	74.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	74.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	74.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	74.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	74.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	74.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	74.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	74.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	74.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	74.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	74.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	74.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	74.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAO

# CEILING VERSUS VISIBILITY

22-44  
STATION

WIGGS AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9600-0890  
HOURS IN ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	74.3	81.6	87.8	90.8	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.3
IV 20000	81.0	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.1
IV 18000	81.0	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2
IV 16000	81.0	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.6
IV 14000	82.3	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.3
IV 12000	84.2	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.2
IV 10000	85.1	87.5	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.2
IV 9000	85.8	88.2	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9
IV 8000	86.4	88.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4
IV 7000	87.2	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.3
IV 6000	89.7	92.1	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.9
IV 5000	90.4	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.6
IV 4500	91.1	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.3
IV 4000	91.7	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.9
IV 3500	91.9	94.3	94.7	94.7	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1
IV 3000	92.9	95.1	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	96.4
IV 2500	92.0	95.8	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.7
IV 2000	93.3	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.4
IV 1800	94.4	97.2	97.5	97.5	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.3
IV 1500	94.4	97.6	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.8
IV 1200	94.6	97.8	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 1000	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 900	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 800	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 700	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 600	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 500	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 400	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 300	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 200	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 100	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 0	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFIP WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2044  
STATION

WIGGS AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0930-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥.16	≥.1	≥0
NO CEILING	75.8	76.9	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 20000	81.4	81.9	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 18000	81.7	81.9	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 16000	81.2	82.3	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 14000	82.8	83.9	84.4	84.4	84.7	84.7	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 12000	84.7	85.8	85.4	86.4	86.6	86.6	86.6	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 10000	85.7	86.8	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 9000	86.4	87.9	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 8000	86.8	87.9	88.2	88.5	88.7	88.7	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 7000	87.3	88.6	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 6000	88.2	89.4	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 5000	88.7	90.0	90.5	90.5	90.8	90.8	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 4500	89.4	90.7	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4000	90.7	91.9	92.5	92.5	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3500	91.3	93.0	93.6	93.6	93.9	93.9	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 3000	93.2	94.7	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2500	93.9	95.4	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 2000	94.6	96.4	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	95.2	96.8	97.4	97.4	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	95.5	97.1	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 300	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 200	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 100	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 0	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 719



GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

2044  
STATION

LIGGS AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	79.9	80.7	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 20000	34.4	85.3	86.7	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 18000	44.4	85.3	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
IV 16000	44.7	85.6	86.3	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
IV 14000	45.1	85.8	86.5	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 12000	45.5	87.4	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 10000	46.9	87.8	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 9000	46.9	87.6	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 8000	47.2	88.1	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	88.9
IV 7000	47.6	88.5	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 6000	49.3	90.1	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
IV 5000	49.6	91.4	92.1	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
IV 4500	49.4	92.2	92.9	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
IV 4000	49.3	93.3	94.0	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 3500	49.9	93.8	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 3000	49.9	94.9	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
IV 2500	49.4	96.7	97.4	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
IV 2000	46.1	97.4	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	98.5
IV 1800	46.3	97.5	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	98.6
IV 1500	46.7	97.5	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	98.6
IV 1200	46.3	97.5	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	98.6
IV 1000	46.5	97.8	98.4	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
IV 900	46.5	97.8	98.4	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
IV 800	46.5	97.8	98.4	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
IV 700	46.5	97.8	98.4	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
IV 600	46.5	97.8	98.4	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
IV 500	46.5	97.8	98.4	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
IV 400	46.5	97.8	98.4	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
IV 300	46.5	97.8	98.4	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
IV 200	46.5	97.8	98.4	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
IV 100	46.5	97.8	98.4	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
IV 0	46.5	97.8	98.4	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

TOTAL NUMBER OF OBSERVATIONS 720

FEDERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27-44  
STATION

TG65 AAF TX (EL PASO)  
STATION NAME

72-70  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥.	≥0
NO CEILING	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 20000	82.6	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 18000	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 16000	86.7	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
≥ 14000	88.5	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 12000	90.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 10000	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 9000	90.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 7000	91.7	92.8	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	93.2
≥ 6000	92.3	93.6	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
≥ 5000	93.7	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	94.4	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	94.9	96.0	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3500	95.1	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
≥ 3000	95.4	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	95.8	97.4	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	96.4	98.1	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	96.4	98.2	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	96.7	98.5	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	96.7	98.5	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	96.7	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	96.8	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	96.8	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	96.8	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	96.8	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	96.8	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	96.8	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	96.8	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	96.8	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	96.8	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	96.8	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 719

LOCAL CLIMATOLOGY BRANCH  
 WAFB/TAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27-44  
STATION

1305 AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	76.4	85.7	85.7	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
≥ 20000	78.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
18000	79.3	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
16000	79.3	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
14000	79.4	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
12000	80.8	90.7	90.7	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
10000	91.3	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
9000	91.3	91.1	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
8000	92.3	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
7000	93.3	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
6000	94.3	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
5000	94.9	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
4500	96.3	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
4000	96.3	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
3500	96.9	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	97.9	97.9
3000	96.9	97.9	97.9	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
2500	96.9	98.1	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
2000	96.9	98.1	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
1800	97.1	98.3	98.3	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
1500	97.1	98.3	98.3	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
1200	97.1	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1000	97.1	98.3	98.3	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
900	97.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	97.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	97.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	97.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500	97.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	97.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300	97.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	97.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	97.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	97.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21 44 LEGS AAF TY (EL PASO)  
STATION STATION NAME

72-79  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS, LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥ 1/2	≥ 0
NO CEILING	66.7	83.0	84.1	84.2	84.7	84.3	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 20000	69.6	87.1	87.5	87.6	87.6	87.8	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 18000	69.7	87.4	87.6	87.9	87.9	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 16000	71.0	87.6	88.1	88.2	88.2	88.3	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 14000	71.4	88.1	88.5	88.6	88.6	88.6	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 12000	72.5	90.7	91.1	91.3	91.3	91.4	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 10000	72.5	91.0	91.4	91.5	91.5	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 9000	73.1	91.3	91.7	91.8	91.8	91.9	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 8000	73.5	91.7	92.1	92.2	92.2	92.4	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 7000	75.1	93.5	93.9	94.1	94.0	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 6000	75.2	93.8	94.2	94.3	94.3	94.4	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 5000	76.1	95.3	95.7	95.8	95.8	96.0	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 4500	76.9	95.8	96.3	96.4	96.4	96.5	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 4000	76.9	95.8	96.3	96.4	96.4	96.5	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 3500	76.8	96.1	96.5	96.7	96.7	96.8	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 3000	77.1	96.4	96.8	96.9	97.1	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 2500	77.2	96.5	97.1	97.2	97.4	97.5	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 2000	77.5	96.8	97.4	97.5	97.6	97.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1800	77.5	96.9	97.4	97.5	97.6	97.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	77.6	97.1	97.6	97.8	97.9	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 300	77.6	97.2	97.8	98.1	98.5	98.6	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	77.6	97.2	97.9	98.2	98.6	98.8	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	77.6	97.3	97.9	98.2	98.6	98.8	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	77.6	97.2	97.9	98.2	98.6	98.8	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 720

FEDERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27.44 STATION IIGGS AAF TX (EL PASO)

72-79 YEARS

NOV MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	73.7	82.0	87.9	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 20000	76.7	85.9	86.2	85.3	85.3	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IVM 18000	76.4	86.2	86.9	86.8	86.0	86.6	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IVM 16000	77.1	86.4	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IVM 14000	77.8	87.2	87.9	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9
IVM 12000	79.3	88.8	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IVM 10000	79.9	89.4	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1
IVM 9000	80.2	89.8	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IVM 8000	80.7	90.3	90.6	90.7	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IVM 7000	81.6	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IVM 6000	82.6	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IVM 5000	83.4	93.6	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IVM 4500	84.1	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IVM 4000	84.6	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IVM 3500	85.1	95.2	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IVM 3000	85.6	95.9	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7
IVM 2500	86.6	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IVM 2000	86.6	97.2	97.5	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IVM 1800	86.9	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IVM 1500	87.0	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.6
IVM 1200	87.1	97.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7
IVM 1000	87.1	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.9
IVM 900	87.1	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.9
IVM 800	87.1	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	99.0
IVM 700	87.1	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	99.1
IVM 600	87.1	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	99.2
IVM 500	87.1	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.3
IVM 400	87.1	97.9	98.2	98.6	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.5
IVM 300	87.1	98.0	98.3	98.6	98.8	98.8	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.6
IVM 200	87.1	98.0	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.7
IVM 100	87.1	98.0	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.9
IVM 0	87.1	98.0	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5757

GLOBAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

25.94 STATION MISS AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0	
NO CEILING	60.8	78.2	79.4	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 20000	62.5	81.2	81.3	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9
IV 18000	53.7	82.4	82.5	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1
IV 16000	54.1	82.9	83.1	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6
IV 14000	55.6	84.4	84.5	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1
IV 12000	57.2	86.2	86.3	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
IV 10000	67.2	86.2	86.3	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
IV 9000	67.7	86.8	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
IV 8000	53.7	88.4	88.5	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
IV 7000	69.1	89.1	89.2	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
IV 6000	70.7	91.1	91.3	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
IV 5000	72.4	93.1	93.3	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
IV 4500	73.1	94.5	94.6	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2
IV 4000	74.1	95.8	96.0	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
IV 3500	74.1	96.0	96.2	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8
IV 3000	74.7	96.2	96.5	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
IV 2500	74.9	96.9	97.2	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
IV 2000	75.7	97.4	97.7	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3
IV 1800	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7
IV 1500	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8
IV 1200	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8
IV 1000	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8
IV 900	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8
IV 800	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.1
IV 700	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.1
IV 600	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.1
IV 500	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.5	99.5
IV 400	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.5	99.5
IV 300	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.5	99.5
IV 200	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.6	99.6
IV 100	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.6	99.6
IV 0	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 EISOS AAF TX (CL PASO)  
STATION STATION NAME

72-79  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5-16	≥1	≥0
NO CEILING	59.7	75.1	75.3	75.4	76.4	75.4	75.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.8	76.1
≥ 20000	62.4	79.4	79.6	79.7	79.7	79.7	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.4
≥ 18000	62.6	79.7	79.8	79.8	80.0	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.4	80.6
≥ 16000	63.1	80.1	80.2	80.4	80.4	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.8	81.0
≥ 14000	63.9	80.9	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.6	81.9	
≥ 12000	65.9	82.8	82.9	83.1	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.5	83.7	
≥ 10000	65.9	83.9	84.0	84.1	84.1	84.1	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.8	
≥ 9000	66.9	84.7	84.8	84.9	84.9	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.6	
≥ 8000	68.0	86.4	86.6	86.7	86.7	86.7	86.7	86.8	86.8	87.0	87.0	87.0	87.0	87.1	87.1	87.2	87.5
≥ 7000	69.4	88.0	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.8	89.1
≥ 6000	70.4	89.9	90.1	90.2	90.2	90.2	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.9	91.1
≥ 5000	72.2	92.1	92.2	92.5	92.5	92.5	92.6	92.7	92.7	92.9	92.9	92.9	92.9	93.0	93.0	93.1	93.4
≥ 4500	73.1	93.3	93.4	93.7	93.7	93.7	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.4	94.6
≥ 4000	73.5	93.8	94.1	94.2	94.2	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.8	94.8	94.9	95.2
≥ 3500	73.7	94.4	94.6	94.9	94.9	94.9	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.6	95.8
≥ 3000	73.9	94.6	95.1	95.3	95.3	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	96.0	96.2
≥ 2500	74.6	95.3	95.7	96.0	96.0	96.0	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.5	96.5	96.6	96.9
≥ 2000	74.6	95.3	95.7	96.0	96.0	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.8	97.0
≥ 1800	74.6	95.3	95.7	96.0	96.0	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.8	97.0
≥ 1500	74.6	95.4	95.8	96.1	96.1	96.1	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.8	96.8	97.2	
≥ 1200	74.6	95.6	96.0	96.2	96.2	96.2	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.9	96.9	97.0	97.3
≥ 1000	74.6	95.6	96.1	96.4	96.4	96.4	96.6	96.8	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.2	97.4
≥ 900	74.6	95.7	96.2	96.6	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.7
≥ 800	74.6	95.7	96.2	96.6	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.7
≥ 700	74.6	95.7	96.2	96.8	96.8	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.6	97.8
≥ 600	74.6	95.7	96.2	96.8	96.8	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.6	97.8
≥ 500	74.6	95.7	96.2	96.8	96.8	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.8	97.8	98.0	98.3
≥ 400	74.6	95.7	96.2	96.9	96.9	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.4	98.0	98.0	98.1	98.4
≥ 300	74.6	95.7	96.2	96.9	96.9	96.9	97.3	97.4	97.4	97.6	97.6	97.6	97.6	98.1	98.1	98.3	98.9
≥ 200	74.6	95.7	96.2	96.9	97.0	97.0	97.4	97.6	97.6	97.7	97.7	97.7	97.7	98.3	98.3	98.5	99.2
≥ 100	74.6	95.7	96.2	96.9	97.0	97.0	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.3	98.3	98.8	99.5
≥ 0	74.6	95.7	96.2	96.9	97.0	97.0	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.5	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744



U.S. AIR FORCE CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2-44  
 STATION

IGGS AAF TX (EL PASO)  
 STATION NAME

72-70  
 YEARS

DEC  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600  
 HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	69.6	74.1	74.5	74.7	74.7	74.7	74.7	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.4
IV 20000	73.5	78.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	80.1
IV 18000	73.2	79.0	79.4	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.4
IV 16000	74.3	79.6	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.9
IV 14000	75.1	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.7
IV 12000	76.3	81.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.9
IV 10000	77.3	82.5	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.9
IV 9000	78.2	83.5	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.7
IV 8000	79.3	84.5	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.9
IV 7000	80.4	85.8	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	87.1
IV 6000	82.1	87.9	88.6	88.8	88.8	88.8	88.8	89.0	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.8
IV 5000	83.3	89.4	90.1	90.3	90.3	90.3	90.5	90.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	91.3
IV 4500	84.1	90.3	91.0	91.3	91.3	91.3	91.4	91.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	92.2
IV 4000	85.1	91.4	92.1	92.6	92.6	92.6	92.7	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.5
IV 3500	85.6	92.1	93.1	93.4	93.4	93.4	93.5	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.4
IV 3000	86.2	92.7	93.8	94.1	94.1	94.1	94.2	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	95.0
IV 2500	87.2	94.1	95.2	95.4	95.4	95.4	95.6	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.4
IV 2000	87.5	94.4	95.4	95.7	95.7	95.7	95.8	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.6
IV 1800	87.5	94.4	95.4	95.8	95.8	95.8	96.0	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.8
IV 1500	87.5	94.4	95.6	96.1	96.1	96.1	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	97.0
IV 1200	87.4	94.5	95.6	96.1	96.2	96.2	96.4	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	97.2
IV 1000	87.5	94.8	95.8	96.4	96.4	96.4	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	97.2
IV 900	87.5	94.8	95.8	96.4	96.5	96.5	96.6	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.4
IV 800	87.5	94.9	96.1	96.5	96.6	96.6	96.8	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.6
IV 700	87.5	94.9	96.1	96.5	96.6	96.6	96.8	96.8	97.0	97.2	97.4	97.4	97.4	97.4	97.6	98.0
IV 600	87.5	95.2	96.2	96.8	96.8	96.8	96.9	96.9	97.0	97.3	97.4	97.4	97.4	97.4	97.6	98.0
IV 500	87.8	95.2	96.2	96.8	96.9	96.9	97.0	97.0	97.3	97.4	97.7	97.7	97.7	97.7	97.8	98.3
IV 400	87.8	95.3	96.4	96.9	97.0	97.0	97.2	97.2	97.4	97.6	97.8	97.8	97.8	97.8	98.0	98.5
IV 300	87.8	95.3	96.5	97.0	97.3	97.3	97.4	97.6	98.0	98.1	98.4	98.4	98.4	98.4	98.5	99.0
IV 200	87.8	95.3	96.5	97.0	97.3	97.3	97.4	97.6	98.0	98.1	98.4	98.4	98.4	98.4	98.5	99.0
IV 100	87.8	95.3	96.5	97.0	97.3	97.3	97.4	97.6	98.0	98.4	98.7	98.7	98.7	98.7	98.8	99.3
IV 0	87.8	95.3	96.5	97.0	97.3	97.3	97.4	97.6	98.3	98.4	98.7	98.7	98.7	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744



REGAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE / MAC

# CEILING VERSUS VISIBILITY

2744 STGGS AAF TX (EL PASO)  
STATION STATION NAME

72-70  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

5900-1100  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥3-16	≥½	≥0
NO CEILING	73.3	74.9	75.3	75.4	75.7	75.8	75.9	75.9	75.9	76.3	76.5	76.6	76.6	76.6	76.5	76.6
≥ 20000	72.9	72.9	72.9	71.0	71.3	71.5	71.7	71.7	71.7	72.1	72.3	72.4	72.4	72.4	72.4	72.4
≥ 18000	71.9	70.5	70.4	71.0	71.3	71.5	71.7	71.7	71.7	72.1	72.3	72.4	72.4	72.4	72.4	72.4
≥ 16000	70.4	71.1	71.5	71.6	71.9	72.0	72.3	72.3	72.3	72.7	72.8	72.9	72.9	72.9	72.9	72.9
≥ 14000	66.6	72.3	72.7	72.8	73.1	73.2	73.5	73.5	73.5	73.9	74.0	74.1	74.1	74.1	74.1	74.1
≥ 12000	1.2	72.8	73.7	73.3	73.6	73.7	74.0	74.0	74.0	74.4	74.5	74.7	74.7	74.7	74.7	74.7
≥ 10000	72.4	74.0	74.4	74.5	74.8	74.9	75.2	75.2	75.2	75.6	75.8	75.9	75.9	75.9	75.9	75.9
≥ 9000	73.1	74.7	75.1	75.2	75.5	75.6	75.9	75.9	75.9	76.3	76.6	76.7	76.7	76.7	76.7	76.7
≥ 8000	73.9	75.9	75.9	76.0	76.3	76.4	76.7	76.7	76.7	77.1	77.4	77.5	77.5	77.5	77.5	77.5
≥ 7000	75.0	77.5	77.9	78.0	78.3	78.4	78.7	78.7	78.7	79.1	79.4	79.5	79.5	79.5	79.5	79.5
≥ 6000	75.9	79.1	79.5	79.7	79.9	80.1	80.5	80.3	80.3	80.7	81.0	81.1	81.1	81.1	81.1	81.1
≥ 5000	78.2	79.8	80.2	80.3	80.6	80.7	81.0	81.0	81.0	81.4	81.7	81.8	81.8	81.8	81.8	81.8
≥ 4500	80.0	80.6	81.0	81.1	81.4	81.5	81.8	81.8	81.8	82.2	82.5	82.6	82.6	82.6	82.6	82.6
≥ 4000	80.5	81.1	81.5	81.7	81.9	82.1	82.3	82.3	82.3	82.7	83.0	83.1	83.1	83.1	83.1	83.1
≥ 3500	81.3	82.1	82.6	82.7	83.0	83.1	83.4	83.4	83.4	83.8	84.1	84.2	84.2	84.2	84.2	84.2
≥ 3000	80.5	82.2	82.7	82.9	83.1	83.3	83.5	83.5	83.5	84.0	84.2	84.4	84.4	84.4	84.4	84.4
≥ 2500	81.7	83.4	84.0	84.1	84.4	84.5	84.8	84.8	84.8	85.2	85.4	85.6	85.6	85.6	85.6	85.6
≥ 2000	82.2	84.1	84.8	84.9	85.2	85.3	85.6	85.6	85.6	86.0	86.2	86.4	86.4	86.4	86.4	86.4
≥ 1800	82.3	84.2	84.9	85.2	85.4	85.6	85.8	85.8	85.8	86.2	86.5	86.6	86.6	86.6	86.6	86.6
≥ 1500	82.7	84.8	85.4	85.7	86.0	86.1	86.4	86.4	86.4	86.8	87.0	87.2	87.2	87.2	87.2	87.2
≥ 1200	82.9	84.9	85.6	85.8	86.1	86.2	86.6	86.6	86.6	87.0	87.3	87.4	87.4	87.4	87.4	87.4
≥ 1000	83.3	85.2	86.0	86.2	86.5	86.6	87.2	87.2	87.2	87.6	87.8	88.0	88.0	88.0	88.0	88.0
≥ 900	83.3	85.2	86.0	86.2	86.5	86.6	87.2	87.2	87.2	87.6	87.8	88.0	88.0	88.0	88.0	88.0
≥ 800	83.3	85.2	86.0	86.2	86.5	86.6	87.2	87.2	87.2	87.6	87.8	88.0	88.0	88.0	88.0	88.0
≥ 700	83.3	85.2	86.0	86.2	86.5	86.6	87.2	87.2	87.2	87.6	87.8	88.0	88.0	88.0	88.0	88.0
≥ 600	83.3	85.4	86.1	86.5	86.8	86.9	87.4	87.4	87.4	87.8	88.1	88.3	88.3	88.3	88.3	88.3
≥ 500	83.4	85.6	86.2	86.6	86.9	87.0	87.6	87.6	87.6	88.0	88.3	88.4	88.4	88.4	88.4	88.4
≥ 400	83.4	85.6	86.2	86.6	86.9	87.0	87.6	87.6	87.6	88.0	88.3	88.5	88.5	88.5	88.5	88.5
≥ 300	83.4	85.6	86.2	86.6	86.9	87.0	87.6	87.6	87.6	88.0	88.3	88.5	88.5	88.5	88.5	88.5
≥ 200	83.4	85.6	86.2	86.6	86.9	87.0	87.6	87.6	87.6	88.0	88.3	88.5	88.5	88.5	88.5	88.5
≥ 100	83.4	85.6	86.2	86.6	86.9	87.0	87.6	87.6	87.6	88.0	88.3	88.5	88.5	88.5	88.5	88.5
≥ 0	83.4	85.6	86.2	86.6	86.9	87.0	87.6	87.6	87.6	88.0	88.3	88.5	88.5	88.5	88.5	88.5

TOTAL NUMBER OF OBSERVATIONS 744

FEDERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE / MAC

# CEILING VERSUS VISIBILITY

27744  
STATION

WIGGS AFB TX (EL PASO)  
STATION NAME

72-79  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	72.7	74.7	75.4	75.4	75.5	75.5	76.1	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 20000	72.5	82.7	83.3	83.3	83.5	83.5	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 18000	71.7	83.2	83.6	83.9	84.0	84.0	84.5	84.5	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9
IV 16000	71.2	83.3	84.7	84.0	84.1	84.1	84.7	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 14000	72.4	84.5	85.7	85.2	85.3	85.3	85.9	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 12000	73.2	85.3	86.7	86.0	86.2	86.2	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 10000	74.7	86.2	86.8	86.8	87.0	87.0	87.5	87.5	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 9000	74.0	87.2	87.9	87.9	88.0	88.0	88.6	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 8000	75.8	88.0	88.7	88.7	88.8	88.8	89.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 7000	76.3	88.6	89.2	89.2	89.4	89.4	89.9	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 6000	77.2	89.7	90.7	90.3	90.6	90.6	91.1	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 5000	88.4	90.9	91.5	91.5	91.8	91.8	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 4500	88.8	91.3	91.9	91.9	92.2	92.2	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 4000	89.8	92.2	92.9	92.9	93.1	93.1	93.7	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 3500	90.1	92.6	93.4	93.4	93.7	93.7	94.2	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 3000	91.0	93.5	94.4	94.4	94.6	94.6	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2500	91.8	94.4	95.7	95.2	95.4	95.4	96.0	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2000	92.7	95.3	96.1	96.1	96.6	96.6	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1800	93.7	95.6	96.4	96.4	96.9	96.9	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	93.7	96.0	96.8	96.8	97.3	97.3	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	93.1	96.1	96.9	96.9	97.4	97.4	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1000	93.1	96.1	96.9	96.9	97.4	97.4	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	93.1	96.1	96.9	96.9	97.4	97.4	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	93.7	96.2	97.0	97.0	97.6	97.6	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	93.9	96.5	97.3	97.3	97.8	97.8	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	93.5	96.5	97.3	97.4	97.8	97.8	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	93.5	96.5	97.3	97.4	97.8	97.8	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	93.5	96.5	97.3	97.4	97.8	97.8	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	93.5	96.6	97.4	97.6	98.1	98.1	98.8	98.8	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	93.5	96.6	97.4	97.6	98.1	98.1	98.8	98.8	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	93.4	96.6	97.4	97.6	98.1	98.1	98.8	98.8	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	93.7	96.6	97.4	97.6	98.1	98.1	98.8	98.8	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2144 1500 AAF 10 (EL PA-0)

72-79

DEC

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
 HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥¾	≥½	≥¼	≥0.10	≥0
NO CEILING ≥ 20000	71.7	72.5	73.3	73.9	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
18000	79.7	81.7	82.4	83.1	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
16000	80.4	82.4	83.2	83.7	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
14000	81.6	83.0	84.4	84.9	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
12000	83.1	85.1	85.9	86.4	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
10000	83.9	85.8	86.6	87.1	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
9000	84.7	87.0	87.8	88.3	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
8000	85.2	87.5	88.3	88.8	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
7000	85.9	88.2	89.0	89.5	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
6000	87.6	89.9	90.7	91.3	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
5000	88.8	91.3	92.1	92.6	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
4500	90.0	93.1	94.0	94.5	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
4000	90.6	93.4	94.2	94.8	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
3500	91.4	94.3	94.4	95.3	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
3000	91.7	94.4	95.2	95.8	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
2500	92.2	95.0	96.0	96.6	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
2000	92.9	95.7	96.6	97.4	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1800	93.1	95.8	96.7	97.6	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1500	93.1	96.0	96.9	97.7	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1200	93.3	96.1	97.0	97.8	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1000	93.4	96.3	97.2	98.0	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
900	93.7	96.5	97.4	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
800	93.7	96.5	97.4	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
700	93.8	96.6	97.5	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
600	93.8	96.6	97.5	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
500	93.8	96.6	97.5	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
400	93.8	96.6	97.5	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
300	93.8	96.6	97.5	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
200	93.8	96.6	97.5	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
100	93.8	96.6	97.5	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0	93.8	96.6	97.5	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 744

LOCAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAG

# CEILING VERSUS VISIBILITY

21.44  
 STATION

2005 AAF IX (FL PASO)  
 STATION NAME

72-79  
 YEARS

DLC  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-2000  
 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING	16.1	77.3	77.8	78.1	74.1	73.1	76.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 20000	12.3	92.4	82.9	63.2	57.2	43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 18000	7.7	82.3	83.7	93.6	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 16000	71.3	83.4	84.7	84.3	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 14000	72.4	84.7	85.2	85.3	85.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 12000	74.2	86.9	87.1	87.3	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 10000	75.4	87.8	88.1	88.6	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 9000	76.4	89.1	89.1	89.9	89.9	89.9	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 8000	77.4	90.8	91.4	91.7	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 7000	78.3	91.8	92.3	92.6	92.6	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 6000	79.9	93.3	93.8	94.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 5000	81.8	94.6	95.3	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 4500	81.4	95.6	96.2	96.5	96.5	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 4000	82.0	96.5	97.2	97.4	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 3500	82.2	96.5	97.4	97.7	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 3000	82.4	97.0	97.7	98.0	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 2500	82.4	97.0	97.7	98.0	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 2000	82.4	97.0	98.0	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1800	82.4	97.2	98.1	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1500	82.4	97.3	98.2	98.5	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	82.4	97.3	98.4	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	82.4	97.3	98.4	98.7	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	82.5	97.4	98.5	98.8	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

743

LOCAL CLIMATOLOGY BRANCH  
 UAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2044  
STATION

WIGGS AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	50.9	75.7	75.8	75.8	77.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 20000	53.7	80.1	81.7	80.2	81.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IVIV 18000	64.0	80.9	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
16000	64.9	81.9	82.7	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IVIV 14000	75.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
12000	67.7	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IVIV 10000	68.5	85.5	85.5	85.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
9000	69.5	86.4	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IVIV 8000	70.2	87.9	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
7000	72.4	91.0	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IVIV 6000	73.7	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
5000	75.7	95.4	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IVIV 4500	77.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
4000	77.3	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IVIV 3500	77.4	97.3	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
3000	77.8	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IVIV 2500	77.8	97.8	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
2000	77.8	98.0	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVIV 1800	77.8	98.1	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1500	78.1	98.7	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IVIV 1200	78.1	98.7	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
1000	78.1	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IVIV 900	78.1	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
800	78.1	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IVIV 700	78.1	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
600	78.1	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IVIV 500	78.1	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
400	78.1	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IVIV 300	78.1	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
200	78.1	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IVIV 100	78.1	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
0	78.1	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 744

JOINT CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27 44  
STATION

-1365 AAF TX (EL PASO)  
STATION NAME

72-79  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	66.7	75.2	75.7	75.9	76.0	76.0	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.5
≥ 20000	71.7	80.8	81.2	81.4	81.5	81.5	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	82.0
IV 18000	71.9	81.3	81.7	81.9	82.0	82.0	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.5
IV 16000	72.3	81.8	82.2	82.4	82.6	82.6	82.7	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.1
IV 14000	73.4	82.9	83.3	83.5	83.6	83.7	83.9	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.2
IV 12000	74.8	84.4	84.8	85.0	85.1	85.1	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.6
IV 10000	75.9	85.2	85.6	85.8	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.5
IV 9000	76.4	86.7	86.6	86.8	86.9	86.9	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.4	87.4	87.5
IV 8000	77.4	87.4	87.8	88.0	88.1	88.2	88.3	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7
IV 7000	78.9	88.7	89.2	89.4	89.5	89.5	89.6	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.1
IV 6000	79.8	90.4	90.9	91.1	91.2	91.2	91.4	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.8
IV 5000	81.2	92.1	92.5	92.7	92.9	92.9	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.4	93.4	93.5
IV 4500	82.1	93.2	93.6	93.9	94.0	94.0	94.2	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.6
IV 4000	82.8	93.9	94.4	94.6	94.8	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.3	95.3	95.4
IV 3500	83.1	94.4	95.1	95.2	95.3	95.3	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.9
IV 3000	83.5	94.8	95.4	95.6	95.8	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.4
IV 2500	84.1	95.5	96.1	96.4	96.5	96.5	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.1
IV 2000	84.4	95.9	96.6	96.8	97.0	97.0	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.7
IV 1800	84.5	96.0	96.7	97.0	97.2	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8
IV 1500	84.6	96.3	97.1	97.3	97.5	97.5	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.2
IV 1200	84.6	96.4	97.0	97.4	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.3
IV 1000	84.7	96.5	97.2	97.5	97.7	97.7	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.5
IV 900	84.7	96.5	97.2	97.5	97.7	97.7	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.4	98.5	98.5
IV 800	84.8	96.6	97.3	97.6	97.8	97.8	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.6
IV 700	84.8	96.6	97.3	97.7	97.9	97.9	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.7
IV 600	84.8	96.7	97.4	97.8	98.0	98.0	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.8
IV 500	84.9	96.7	97.4	97.8	98.1	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.9
IV 400	84.9	96.7	97.4	97.8	98.1	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.9
IV 300	84.9	96.7	97.4	97.8	98.1	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.9
IV 200	84.9	96.7	97.4	97.8	98.1	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.9
IV 100	84.9	96.7	97.4	97.8	98.1	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.9
IV 0	84.9	96.7	97.4	97.8	98.1	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.9

TOTAL NUMBER OF OBSERVATIONS 5951

CENTRAL CLIMATOLOGY BRANCH  
 WAFS/TAC  
 AIR WEATHER SERVICE / PAC

# CEILING VERSUS VISIBILITY

2744 EIGHTS AAF TX (EL PASO)  
 STATION STATION NAME

72-80  
 YEARS

ALL  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS IN 24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	70.0	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
≥ 20000	76.0	81.7	81.4	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 18000	76.0	81.9	82.0	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
IV 16000	76.0	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 14000	77.0	83.5	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	83.8
IV 12000	77.0	83.5	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	83.8
IV 10000	77.0	83.5	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	83.8
IV 9000	77.0	83.5	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	83.8
IV 8000	77.0	83.5	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	83.8
IV 7000	77.0	83.5	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	83.8
IV 6000	77.0	83.5	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	83.8
IV 5000	77.0	83.5	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	83.8
IV 4500	77.0	83.5	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	83.8
IV 4000	77.0	83.5	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	83.8
IV 3500	77.0	83.5	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	83.8
IV 3000	77.0	83.5	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	83.8
IV 2500	77.0	83.5	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	83.8
IV 2000	77.0	83.5	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	83.8
IV 1800	77.0	83.5	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	83.8
IV 1500	77.0	83.5	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	83.8
IV 1200	77.0	83.5	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	83.8
IV 1000	77.0	83.5	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	83.8
IV 900	77.0	83.5	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	83.8
IV 800	77.0	83.5	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	83.8
IV 700	77.0	83.5	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	83.8
IV 600	77.0	83.5	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	83.8
IV 500	77.0	83.5	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	83.8
IV 400	77.0	83.5	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	83.8
IV 300	77.0	83.5	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	83.8
IV 200	77.0	83.5	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	83.8
IV 100	77.0	83.5	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	83.8
IV 0	77.0	83.5	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	83.8

TOTAL NUMBER OF OBSERVATIONS 76680

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

NOTE: VALUES IN THE OTHER TENTHS COLUMNS ARE DERIVED  
FROM SYNOPTIC DATA REPORTS.





























GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

SKY COVER

27J44 HIGGS AAF TX (EL PASO)  
 STATION STATION NAME

72-80  
 PERIOD

ALL  
 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	ALL	35.0	1.1		20.3	.5	.5	.8		1.3	15.4	25.1	4.7	5934
FEB		44.0	1.3		18.6	.5	.5	.5		1.6	15.5	17.5	3.9	5407
MAR		43.3	1.5		20.6	.4	.6	.4		1.1	16.4	15.7	3.2	5925
APR		45.6	1.3		21.4	.6	.5	.5		1.3	14.5	11.3	3.3	5738
MAY		46.0	1.8		23.6	.4	.6	.5		1.1	14.1	11.9	3.4	5945
JUN		46.4	1.6		22.6	.8	.6	.6		1.2	13.0	6.2	2.9	5741
JUL		19.2	1.7		33.2	1.1	1.0	.9		2.8	25.6	14.7	5.2	5952
AUG		25.5	1.8		32.5	.8	.8	.8		2.2	22.3	13.3	4.6	5944
SEP		35.8	1.4		24.8	.8	.6	.6		1.2	18.4	16.5	4.3	5756
OCT		52.3	1.2		18.7	.5	.4	.5		.9	12.1	13.4	3.2	5933
NOV		54.1	1.7		19.2	.4	.4	.4		.9	11.7	11.1	2.9	5734
DEC		46.0	1.0		18.3	.4	.3	.5		1.2	14.6	17.7	3.8	5891
TOTALS		41.4	1.5		23.4	.6	.6	.6		1.4	16.2	14.5	3.8	69900

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

**NOTE:** 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  $\pm 1^{\circ}$  F from directly converted values but excludes no Fahrenheit values.

**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 ( $\sigma_x$ ). 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.

3

FEDERAL CLIMATOLOGY BRANCH  
 AIR WEATHER SERVICE/MAC  
 244 SIGGS AAF TX (EL PASO)  
 STATION STATION NAME

DAILY TEMPERATURES

50-80

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						.2	.4						.1
105						6.7	3.5	.4					.9
100					1.1	26.6	20.7	8.1	1.1				4.9
95				.2	11.7	63.0	59.9	43.6	13.4	.4			16.2
90				5.6	39.4	87.2	85.8	78.4	42.9	4.6			29.0
85			1.5	21.9	68.2	96.2	95.2	94.1	74.0	25.1			40.0
80	.1	1.5	12.2	49.7	85.8	98.8	98.9	98.3	89.1	50.5	2.6	.1	49.4
75	1.0	8.8	31.9	73.8	94.1	99.5	99.7	99.6	95.3	74.6	15.0	.9	58.2
70	8.2	24.0	55.2	87.0	98.4	100.0	100.0	100.0	97.3	88.9	39.7	9.5	67.6
65	24.2	45.2	71.2	94.4	99.6				98.6	94.8	61.2	23.7	76.2
60	46.5	66.4	86.0	97.8	99.9				99.2	98.6	77.8	46.7	85.0
55	67.7	82.6	93.1	99.6	100.0				99.8	99.2	89.4	69.0	91.7
50	83.1	91.8	97.2	99.9					100.0	99.6	95.2	86.0	96.1
45	92.5	96.9	99.1	100.0						99.8	97.8	93.8	98.3
40	96.8	98.4	99.6							100.0	99.1	97.5	99.5
35	99.0	99.4	100.0								99.7	99.6	99.8
30	99.3	99.5									99.9	100.0	99.9
25	99.8	99.9									100.0		100.0
20	100.0	100.0											100.0
15	100.0												100.0
MEAN	57.9	62.7	69.3	78.4	86.8	95.8	95.1	93.0	87.5	78.8	65.9	58.3	77.5
SD	9.012	9.217	9.084	7.694	6.966	5.966	5.663	5.275	7.140	7.749	8.841	8.426	15.729
TOTAL OBS	961	876	961	930	961	930	961	961	900	930	900	930	11201



3

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC  
 2 144 STATION RIGGS AAF TX (EL PASO)  
 STATION NAME

50-80 YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS) MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50						1.3	.8	.4					.2
51					.5	8.4	12.2	5.6	.1				2.3
52					3.7	33.3	55.5	37.5	5.9				11.5
53			.1	1.4	17.4	65.5	91.9	81.9	36.7	2.4			25.1
54			.8	8.8	42.5	88.3	99.8	98.2	70.8	10.0			35.3
55		.7	5.6	25.4	67.0	97.6	100.0	100.0	87.8	29.1	.8	.1	43.2
56	1.5	3.9	17.0	50.9	87.4	99.8			96.6	54.1	7.2	1.5	52.0
57	6.7	14.2	36.0	74.7	96.7	100.0			99.7	77.5	20.3	6.7	61.4
58	18.4	29.7	57.4	89.2	99.2				100.0	92.0	41.2	16.1	70.5
59	36.0	50.9	78.3	96.2	99.9					98.7	66.7	32.4	80.1
60	44.4	60.8	84.9	98.5						99.2	75.4	41.8	83.9
61	56.7	73.5	90.9	99.5	100.0					99.6	86.9	58.8	89.1
62	79.1	88.8	97.7	99.9						100.0	95.1	82.0	95.2
63	73.0	96.3	99.6	100.0							98.8	93.7	98.5
64	77.3	99.2	99.9								99.4	98.8	99.6
65	99.2	99.9	100.0								99.7	99.9	99.9
66	99.6	100.0									99.8	100.0	99.9
67	99.9										100.0		100.0
68	100.0												100.0
69													
70													
71													
72													
73													
74													
75													
76													
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93													
94													
95													
96													
97													
98													
99													
100													
MEAN	1.4	34.6	41.2	49.3	57.6	66.7	70.0	68.1	61.9	50.1	37.8	31.4	50.0
S D	6.35	6.44	8.42	7.56	7.06	5.92	3.94	4.07	5.76	7.40	7.89	7.98	15.73
TOTAL OBS	961	876	961	930	961	930	961	961	900	930	900	930	11201

USAFETAC FORM 0-21 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3  
 LOCAL CLIMATOLOGY BRANCH

**DAILY TEMPERATURES**

ATTAC  
 WEATHER SE VIC/MAC  
 2 44 TEGGS AAF TX (EL PASO)  
 STATION STATION NAME

50-80

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95						.1	.2						.0
90					.1	4.6	5.2	1.0					.9
85					1.1	29.0	36.5	18.4	1.3				7.3
80					10.5	67.7	78.9	64.7	19.0	.1			29.4
75				2.7	39.8	89.8	96.1	93.7	60.8	4.5			32.7
70			1.7	29.5	70.6	98.6	99.5	99.3	35.3	23.2			41.9
65		1.5	11.9	50.8	89.3	99.8	100.0	100.0	94.8	54.1	1.7	.2	59.7
60	1.0	6.8	32.0	76.9	97.3	100.0			98.4	80.6	14.1	1.6	59.5
55	8.8	24.1	56.9	71.4	99.5				99.6	94.4	40.3	9.0	68.9
50	28.4	49.8	77.9	97.3	100.0				99.9	98.3	68.6	26.6	79.0
45	35.0	74.0	91.3	99.6					100.0	99.6	85.7	52.7	88.2
40	76.6	89.3	97.3	100.0						99.9	94.4	78.9	94.7
35	92.0	96.0	99.4							100.0	98.6	94.0	98.3
30	97.1	98.7	100.0								99.3	98.8	99.5
25	98.9	99.4									99.7	99.9	99.8
20	99.4	99.8									99.8	100.0	99.9
15	99.8	100.0									100.0		100.0
10	100.0												100.0
5													
0													
MEAN	44.9	49.0	55.5	64.1	72.5	81.5	82.8	80.8	74.9	64.7	52.1	45.1	64.0
S D	7.705	7.673	7.655	6.552	6.133	5.147	4.317	3.992	5.541	6.324	7.276	7.009	15.268
TOTAL OBS	961	876	961	930	961	930	961	961	900	930	900	930	11201

3

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23044  
STATION

BIGGS AAF TX (EL PASO)  
STATION NAME

50-80  
YEARS

WHOLE DEGREES FAHRENHEIT

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

### EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

21044  
STATION

BIGGS AAF TX (EL PASO)  
STATION NAME

50-80  
YEARS

#### WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
80	71	80	78	92	98	109	106	108					
MEAN	71.3	75.9	81.8	89.9	97.2	104.2	103.2	100.4	96.3	89.5	78.1	71.0	105.0
S D	4.372	3.553	3.919	3.380	2.713	2.971	3.246	3.041	3.053	3.267	2.813	3.891	2.748
TOTAL OBS	961	876	961	930	961	930	961	961	900	930	900	930	11201

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/MAC

**EXTREME VALUES**

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23044 STATION BIGGS AAF TX (EL PASO) STATION NAME

50-80 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH/ YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50	21	30	31	41	44	58	62	63	53	46	16	19	16
51	18	10	23	34	38	56	64	64	56	45	21	23	10
52	19	20	26	40	45	59	60	65	53	41	25	19	19
53	23	18	27	40	42	60	64	65	57	35	27	5	5
54	19	28	28	42	43	62	61	61	60	41	31	15	15
55	20	22	23	40	46	56	64	65	56	41	27	25	20
56	24	8	24	36	46	59	63	63	57	32	21	20	8
57	21	28	33	36	48	56	62	61	52	40	18	19	18
58	22	27	28	40	51	65	64	65	51	35	22	16	16
59	17	27	28	40	45	57	63	63	51	43	19	19	17
60	19	18	26	34	47	59	63	64	50	34	27	19	18
61	21	23	24	35	46	53	65	63	53	37	28	24	21
62	-8	30	22	37	47	56	65	62	53	36	25	23	-8
63	10	11	27	41	50	59	65	65	53	46	31	17	10
64	10	15	26	38	44	51	65	64	50	38	23	11	10
65	21	21	15	38	40	53	67	64	50	39	30	25	15
66	20	18	25	34	51	57	67	58	52	33	27	14	14
67	9	17	25	35	31	58	67	61	49	27	28	18	9
68	22	27	28	33	47	51	64	60	45	37	31	13	13
69	20	23	23	37	42	58	66	67	55	36	21	22	20
70	14	21	33	34	35	54	62	58	46	25	18	19	14
71	3	13	14	36	46	53	62	60	44	35	31	23	3
72	17	18	31	30	46	52	64	62	48	40	24	20	10
73	18	20	28	24	39	52	59	56	42	31	18	10	10
74	14	11	25	34	42	52	62	58	49	39	20	17	11
75	19	23	30	31	38	54	61	58	42	38	23	17	15
76	17	20	24	32	43	51	61	57	45	33	1	18	1
77	21	24	18	31	43	56	61	65	54	42	30	16	16
78	24	25	30	37	41	56	65	60	52	39	29	13	13
79	15	23	26	28	42	48	57	59	52	30	17	14	14
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  
 AIP WEATHER SERVICE/HAC

**EXTREME VALUES**

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23044  
STATION

SIGGS AAF TX (EL PASO)  
STATION NAME

50-80

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
80	17	16	24	28	42	52	67	63					
MEAN	16.6	20.5	25.6	35.4	43.6	55.6	63.3	61.8	51.0	37.1	23.6	17.8	12.4
S D	6.731	5.977	4.431	4.355	4.615	3.722	2.438	2.830	4.472	5.171	6.387	4.629	6.257
TOTAL OBS	961	876	961	930	961	930	961	961	900	930	900	930	1120

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  
41st WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2044 STATION 21065 AAF IX (EL PASO) STATION NAME 73-87 YEARS MONTH 183  
PAGE 1 7070-0200 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
59								.3	.1		.1								4	6	
57					.1		.3												3	3	
55						.8	.1	.1	.1										8	8	
53				.1	.1	.8	.2	.1	.3										13	13	
51		.1		.1	.5	1.6	1.1	.3											28	28	3
49	.4	.5	.8	1.1	.5	.8	.2	.7	.1										43	43	5
47	.3	.5	.9	1.1	1.2	1.1	.9	.1											46	46	16
45		.9	.4	.7	1.2	1.1	.1	.1											34	34	24
43	.1	1.1	1.6	1.2	1.1	1.1	.5												50	50	33
41		.8	1.6	2.0	1.3	.3	.1												46	46	41
39	.1	1.1	2.5	2.3	1.5	1.1	.1												65	65	53
37		.7	3.5	2.9	1.6	.4													61	61	50
35		2.4	3.4	3.2	.8	.3													75	75	69
33		3.5	3.5	3.0	.7														77	77	66
31	.4	3.5	3.5	2.3															72	72	80
29		.9	2.6	1.2	.1														36	36	93
27	.3	2.2	1.7	.3															33	33	61
25		2.2	.7	.3															23	23	50
23	.1	1.3	.5																15	15	34
21	.1	.8																	5	5	18
19		.4	.1																4	4	6
17																					3
15																					
13																					
11																					
9																					
7																					
5																					
TOTAL	1.9	22.7	27.6	21.9	10.6	9.6	4.4	1.5	.5	.1									743	743	743
Element (X)	Zy'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	3261969	47531	64.0	17.271	743	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1144270	28524	38.4	8.145	743		23.5					93									
Wet Bulb	864085	24851	33.4	6.659	743		44.2					93									
Dew Point	561954	19486	26.2	8.283	743		74.5					93									

2444  
 FORM 0-26-5 (O.L.A.)  
 USAFETAC  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21044 BIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

JAN  
 MONTH

PAGE 1 0100-0500  
 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
56/ 57						.1												1	1		
56/ 55				.1	.3	.3		.1		.3								8	8		
54/ 53					.3	.5	.8	.1										13	13		
52/ 51					.4	1.1	.4											14	14		
50/ 49	.1		.3	.4	.9	1.1	.8	.4										30	30	2	1
48/ 47	.5	1.2	1.3	.9	.9	1.1	1.1	.4										52	52	10	4
46/ 45	.5	.7	1.1	.8	1.3	.4	.1											37	37	25	9
44/ 43		.9	.9	1.6	1.5	.4	.1											41	41	21	11
42/ 41		.8	1.5	1.6	1.7	.7	.1											48	48	47	16
40/ 39		.8	1.5	1.9	1.3	.4												44	44	48	11
38/ 37	.3	1.5	2.6	.7	1.2	.4												49	49	59	20
36/ 35	.5	2.6	3.5	1.1	1.1	.1												66	66	56	31
34/ 33	.3	2.6	2.8	2.3	.4													62	62	77	32
32/ 31	.4	4.4	3.9	2.3														81	81	62	70
30/ 29	.9	3.6	3.1	.9														64	64	90	69
28/ 27	.1	3.2	.9	.8														37	37	80	66
26/ 25	.3	2.3	.8	.3														27	27	58	68
24/ 23	.3	3.4	.8															33	33	38	59
22/ 21	.1	2.2	.4															20	20	38	60
20/ 19	.3	1.3	.1															13	13	21	80
18/ 17	.3	.1	.1															4	4	10	58
16/ 15																				2	34
14/ 13																					28
12/ 11																					7
10/ 9																					11
8/ 7																					7
6/ 5																					1
TOTAL	5.0	31.6	25.4	15.7	11.3	6.6	3.5	.7	.3									744	744	744	744
Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	3630248	50362	67.7	17.254	744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1035431	27903	36.3	8.633	744		34.9					93									
Wet Bulb	803562	23882	32.1	7.053	744		49.9					93									
Dew Point	541160	19126	25.7	8.161	744		76.1					93									

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





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

27044 5166S AAF TX (EL PASO) 73-80 JAN  
STATION STATION NAME YEARS MONTH

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

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

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															
70/69												.1					.1														2	2			
68/67																	.1															1	1		
64/63										.1																						2	2		
62/61											.1		.1				.4														5	5			
60/59									.1	.1	.1	.6	.3																	10	10				
58/57								.1	.1	.3	1.1	.1	.3	.1																16	16				
56/55					.1	.3	.7	.9	.7	1.2																				29	29				
54/53				.3	.5	1.5	2.0	.8	.3																					46	46	1			
52/51		.1	.3	.8	1.3	2.4	1.5	.7	.1																					54	54	1			
50/49		.4	.5	.7	2.2	2.4	2.0	.7																						66	66	10	1		
48/47	.1	.4	.6	1.5	1.1	2.0	1.3	.3																						56	56	21	3		
46/45		.4	.6	1.9	3.2	2.0	1.3	.3																						74	74	35	7		
44/43		.5	.5	2.0	2.2	1.3	.8																							55	55	61	14		
42/41		.7	1.3	1.6	2.8	1.6	.3																							62	62	78	10		
40/39	.1	1.2	1.6	1.9	1.9	1.2																								58	58	83	15		
38/37	.1	1.1	3.0	2.7	1.7	.9																								71	71	101	27		
36/35	.3	1.5	1.5	1.7	1.9																									51	51	74	42		
34/33	.4	.9	1.1	1.7	.7																									36	36	97	56		
32/31	.1	.7	1.1	.9	.1	.3																								24	24	59	89		
30/29	.1	.5	.5	.1																										12	12	55	66		
28/27	.3	.4	.4																											8	8	37	77		
26/25			.7																											5	5	21	66		
24/23				.1																											1	1	4	52	
22/21																																5	5	50	
20/19																																1	1	48	
18/17																																		42	
16/15																																		23	
14/13																																		32	
12/11																																		14	
10/9																																		5	
8/7																																		1	
6/5																																		1	
4/3																																		1	
2/1																																		2	
Element (X)	Σx'	Σx	X̄	σ <sub>x</sub>	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**

2744 61665 AAF TX (EL PASO)  
 STATION STATION NAME

73-85  
 YEARS

JAN  
 MONTH

PAGE 1 1200-1400  
 HOURS (L. S. T.)

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

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		
72/ 71																		6	6		
71/ 69																		5	5		
68/ 67																		12	12		
66/ 65																		16	16		
64/ 63																		23	23		
62/ 61					.1	.1												41	41		
60/ 59					.1													61	61		
58/ 57					.1	.5												58	58		
56/ 55		.1			.3	.3	1.3	2.7	3.5	1.9	.4							78	78		2
54/ 53					.4	.7	2.2	2.2	3.5	1.7								79	79		8
52/ 51			.3	.5	.7	1.1	1.3	2.2	2.0	.8								66	66	11	3
51/ 49	.1	.4																47	47	31	3
48/ 47					.1	.7	.7	2.0	2.2	1.1	.3							52	52	66	3
46/ 45			.1	.3	.9	2.2	1.5	1.1	1.2									54	54	74	7
44/ 43			.1	.7	1.2	1.1	1.2	.7	.3									39	39	104	10
42/ 41			.1	.5	.5	1.1	2.0	.3										34	34	100	12
40/ 39	.3	.3	.8	.7	.7	.8												26	26	89	17
38/ 37	.4	.1	.4	.5		.5												14	14	90	22
36/ 35		.4	.1	.5														8	8	54	53
34/ 33		.8	.3	.1	.1	.4												13	13	46	51
32/ 31	.1	.1		.4														5	5	45	69
30/ 29	.1		.1															2	2	13	69
28/ 27				.1														1	1	1	68
26/ 25																				5	73
24/ 23																			4		42
22/ 21																					51
20/ 19																					62
18/ 17																					33
16/ 15																					34
14/ 13																					26
12/ 11																					19
10/ 9																					7
8/ 7																					4
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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																					

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2044 STATION FIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS JAN 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
47 3																					2
47 1																					1
47 -1																					2
TOTAL	1.1	3.0	4.0	7.5	9.4	15.5	16.2	21.0	10.9	5.7	3.8	1.5	.5						743		743
																		743			743

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.	1433302	30028	40.4	17.209	743							
Dry Bulb	2060310	38632	52.0	8.344	743		1.0	3.3	.4			7.3
Wet Bulb	1251616	30206	40.7	5.642	743		8.5					9.3
Dew Point	580421	19777	26.6	8.531	743	.3	70.3					9.3

2044  
 USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27-44 STATION PIGGS AAF TX (EL PASO) 73-80 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
76/ 75												.1		.1			2	2		
74/ 73										.3		.1	.3				5	5		
72/ 71												.4	.5				7	7		
70/ 69									.3		.4	1.2	.1				15	15		
68/ 67								.5	.1	.7	.4	.1					14	14		
66/ 65						.4	.1	.4	.8	1.2	1.3						32	32		
64/ 63					.1	.1	.1	.5	1.2	1.2	1.2	.3					36	36		
62/ 61						.1	.5	1.1	2.0	2.4	1.7	.3					61	61		
60/ 59						.5	1.2	3.1	3.6	2.4	.1						82	82		
58/ 57				.1		.4	1.6	2.3	1.5	2.7							64	64		
56/ 55						1.2	1.5	2.0	1.9	1.2							58	58	1	
54/ 53		.1	.4	.5	.3	2.0	1.2	2.7	1.2	.4							68	68	10	
52/ 51		.1	.7	.3	1.1	1.2	3.0	1.6	.3								65	65	11	2
50/ 49		.3	.3	.4	.7	.5	1.5	2.0	.5								46	46	40	3
48/ 47			.3	.3	.4	1.1	2.2	.7	.1								37	37	72	4
46/ 45		.1	.3	.7	1.1	2.6	1.5	1.1									54	54	92	7
44/ 43		.4	.4	.7	1.7	.9	.3	.3									35	35	121	10
42/ 41			.4	.1	.5	.1	.5										13	13	94	14
40/ 39	.1	.7	.4	.9	.3	.1											19	19	91	15
38/ 37				.5													4	4	69	27
36/ 35		.5	.5	.3	.5												14	14	63	34
34/ 33		.3		.1	.3		.3										7	7	41	60
32/ 31		.3															2	2	18	48
30/ 29	.3		.1														3	3	11	54
28/ 27																			5	64
26/ 25																			1	87
24/ 23																			3	44
22/ 21																				62
20/ 19																				74
18/ 17																				34
16/ 15																				30
14/ 13																				18
12/ 11																				25
10/ 9																				16
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ <sub>n</sub>	No. Obs.		Mean No. of Hours with Temperature						Total					
Ref. Hum.								≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OLA) REVISÉ PREVIOUS EDITIONS OF THIS FORM AND DISCONTINUE



NATIONAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2704 BIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

JAN  
 MONTH

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

USAFETAC FORM 0-26-5 (O.L.A.) REvised PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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
7 / 69										.1							1	1		
60 / 65								.1	.5	.1							10	10		
64 / 63							.1	.4	.4								7	7		
62 / 61					.1		.1	.1	.4	.4	.3	.1					12	12		
60 / 59						.4	.5	.4	.4	.3	.3						20	20		
58 / 57				.4		.4	.5	.9	2.0	.4	.4						35	35		
58 / 55			.3	.4	.4	.3	1.5	2.0	.5	.5							44	44		
54 / 53		.3	.1	.3	.7	1.1	1.6	1.6	.9	.1							50	50	1	
52 / 51		.1	.1	.3	.9	1.9	1.9	2.2	.5	.1							60	60	10	
50 / 49		.5	.5	1.5	2.6	1.5	2.3	1.2	.1								76	76	16	2
48 / 47	.1	.5	.4	.7	1.2	2.6	2.6	1.1	.1								69	69	23	13
48 / 45		.5	.5	2.3	1.2	2.2	1.9	.3									66	66	53	5
44 / 43		.8	.5	.9	3.2	1.5	1.1	.1									61	61	68	10
42 / 41		.3	1.1	1.2	3.1	1.3	.1										53	53	83	16
40 / 39		.6	1.5	2.4	2.6	1.6											66	66	81	20
38 / 37		.4	1.2	1.7	1.1	.7											38	38	95	20
36 / 35		.4	1.5	1.2	.5	.4											30	30	94	36
34 / 33	.1	.1	.5	1.2	.8												21	21	90	49
32 / 31		.4	.9	.1	.3												13	13	61	59
30 / 29	.4	.1	.3	.1													7	7	33	57
28 / 27	.1		.3														3	3	19	78
26 / 25			.1	.1													2	2	11	74
24 / 23																			2	41
22 / 21																			4	68
20 / 19																				61
16 / 17																				46
16 / 15																				30
14 / 13																				18
12 / 11																				17
10 / 9																				15
8 / 7																				6
6 / 5																				3
TOTAL	.8	5.4	9.7	15.2	18.7	15.9	14.7	11.4	4.0	3.0	1.1	.3					744	744	744	744
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	1973302	35868	48.2	18.126	744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	1670261	34753	46.7	7.946	744		3.1	.1				23								
Wet Bulb	1096230	28228	37.9	5.824	744		16.3					93								
Dew Point	572951	19627	26.4	8.618	744		71.6					93								



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

20344 BIGGS AAF TX (EL PASO) 73-80 JAN MONTH YEARS

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
65/ 65										.1							1	1	
62/ 61							.3	.1	.3	.1	.1						7	7	
60/ 59						.1	.4	.3		.4							9	9	
58/ 57					.3	.4	.5	.1	.3	.1							13	13	
56/ 55				.3	.3	.3	.9	.7	.3								20	20	
54/ 53			.3	.3	.1	.8	1.6	.7	.5								29	29	
52/ 51		.7	.5	.6	.7	1.1	.3										30	30	3
50/ 49		.4	.7	1.1	1.5	1.7	.7	1.1	.1								54	54	13
48/ 47	.4	.9	1.2	.9	1.3	.8	.9	.3									51	51	21
46/ 45		.7	1.1	1.5	1.6	.8	.4	.4									48	48	27
44/ 43	.1	1.1	.9	1.6	1.7	1.6	.8										59	59	50
42/ 41		.7	1.6	2.0	2.2	1.6	.3										62	62	64
40/ 39		.5	1.9	3.4	3.2	.5	.1										72	72	63
38/ 37	.1	.7	2.8	3.2	1.7	.1											65	65	55
36/ 35		1.1	3.6	3.0	1.3	.5											71	71	78
34/ 33		2.3	1.7	2.0	.4												46	48	96
32/ 31		2.0	2.6	1.7	.7												54	54	97
30/ 29	.3	.8	1.2	.9													24	24	61
28/ 27		.5	1.1	.3													14	14	60
26/ 25		.5	.4														7	7	32
24/ 23		.1	.4														4	4	15
22/ 21		.1	.1														2	2	5
20/ 19																			2
18/ 17																			1
16/ 15																			
14/ 13																			
12/ 11																			
10/ 9																			
8/ 7																			
6/ 5																			
4/ 3																			
TOTAL		713	221	922	717	210	1	8.1	3.5	1.5	.8	.1					744	744	744
Element (X)	Σx²	Σx	X	σx	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.	2745528	43224	58.1	17.760	744	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total							
Dry Bulb	1335931	30937	41.6	8.163	744		13.1					93							
Wet Bulb	959765	26289	35.3	6.444	744		34.0					93							
Dew Point	581712	19832	26.7	8.452	744		72.0					93							

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23.44 EIGGS AAF TX (EL PASO) 73-80 JAN  
STATION STATION NAME YEARS 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															
76/ 75												.1																				5	5		
74/ 73													.9											.0								5	5		
72/ 71													.1	.1																		13	13		
7 / 69													.0	.1	.2																	23	23		
68/ 67													.3	.1	.2	.1	.0															27	27		
66/ 65											.1	.0	.1	.3	.3	.2																59	59		
64/ 63						.0	.0	.1	.1	.3	.2	.2	.1																			68	68		
62/ 61				.0	.0	.0	.2	.4	.5	.6	.4	.1																				126	126		
60/ 59				.0	.0	.2	.5	1.0	.8	.6	.1																					188	188		
58/ 57				.1	.1	.5	.6	1.1	.5	.5	.0																					190	190		
56/ 55		.0	.0	.2	.2	.6	1.0	1.1	.7	.3																						247	247	3	
54/ 53		.1	.1	.2	.4	1.1	1.3	1.1	.6	.1																						301	301	20	
52/ 51		.2	.2	.4	.9	1.4	1.4	.9	.3	.0																						338	338	39	
50/ 49	.1	.3	.4	.7	1.3	1.3	1.2	.9	.1																							384	384	117	
48/ 47	.3	.5	.7	.9	1.0	1.4	1.5	.5	.1																							403	403	235	
46/ 45	.1	.5	.6	1.2	1.5	1.4	.9	.4																								393	393	338	
44/ 43	.1	.8	.7	1.5	1.7	1.1	.6	.1																								394	394	487	
42/ 41	.0	.6	1.2	1.4	1.7	1.0	.2																									361	361	550	
40/ 39	.1	.9	1.6	1.8	1.4	.8	.0																									398	398	546	
38/ 37	.1	.7	1.9	1.8	1.1	.4																										360	360	580	
36/ 35	.2	1.5	2.1	1.6	.9	.2																										384	384	555	
34/ 33	.2	1.7	1.6	1.5	.4	.1	.0																									323	323	623	
32/ 31	.2	2.1	1.8	1.2	.2	.0																										330	330	489	
30/ 29	.4	1.2	1.5	.6	.3																											217	217	444	
28/ 27	.1	1.3	.7	.2																												138	138	334	
26/ 25	.1	1.0	.6	.1																												104	104	246	
24/ 23	.1	1.0	.3	.0																												80	80	153	
22/ 21	.1	.6	.1																													46	46	107	
20/ 19	.1	.4	.1																													33	33	53	
18/ 17	.1	.0	.0																													6	6	20	
16/ 15	.0	.1																														5	5	6	
14/ 13																																			
12/ 11																																			
10/ 9																																			
Element (X)	Σx'		Σx		x̄		s <sub>x</sub>		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 44 0-26-5 (OL A) REVISION 10/65



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23644 JIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

FE6  
 MONTH

PAGE 1 0000-0200  
 HOURS (L. S. T.)

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

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
65/ 65																				4	4	
64/ 63														.1						2	2	
63/ 61						.1		.1	.4	.1									6	6		
62/ 59				.3				.3	.3	1.6	.1								18	18		
61/ 57						.3			.7	.4	.7	.1							16	16		
60/ 55			.1	.4	.1		.4	.9	.6	.4									21	21		
59/ 53		.4	.4	.4	.6	.4	1.2	.4	.9	.6									37	37	3	
58/ 51		.4	.3	1.0	.9	.7	.9	.3	.1										32	32	8	
57/ 49		.4	.1	.3	1.5	1.3	.7	.9	.1										37	37	10	
56/ 47	.1	1.3	.7	.6	1.9	.4	1.9												48	48	16	
56/ 45	.3		.7	.7	1.2	1.6	.9	.4											40	40	23	
54/ 43	.1		1.2	1.5	2.8	.9	.7												49	49	32	
53/ 41		1.5	1.9	1.6	1.2	1.3	.7	.1											59	59	59	
50/ 39		2.1	1.6	1.5	1.3	.9	.6	.1											55	55	61	
50/ 37		1.5	1.6	.9	1.5	1.0	.6												48	48	79	
50/ 35	.7	2.1	1.8	1.8	1.3	1.2													60	60	87	
54/ 33	.1	1.8	1.5	1.9	1.3	.4	.3												50	50	55	
52/ 31		1.0	1.5	1.8	1.2	.1													38	38	59	
51/ 29		.3	.9	.9	.9	.1													21	21	44	
50/ 27	.1	.9	.6	.9															17	17	51	
50/ 25		.3	.6	.4	.4														12	12	39	
54/ 23		.4		.1	.1														5	5	25	
52/ 21			.1																1	1	15	
50/ 19			.1																1	1	7	
50/ 17			.1																1	1	1	
50/ 15																					3	
50/ 13																					1	
50/ 11																					2	
50/ 9																					17	
50/ 7																					25	
50/ 5																					13	
50/ 3																					8	
50/ 1																					6	
50/ -1																					7	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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																						

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

27044 WIGGS AAF IX (EL PASO) 73-80 FFA  
 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
-2/ -3																					4
-4/ -5																					7
-6/ -7																					2
TOTAL	1.6	14.5	15.6	16.5	19.2	12.8	9.0	5.3	2.9	3.8	.6	.1						678	678	676	

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.	2264494	36316	53.6	21.717	678							34
Dry Bulb	1258043	28557	42.1	9.033	678		11.9					34
Wet Bulb	864389	23713	35.0	7.193	678		30.4					34
Dew Point	483086	16456	24.3	11.7	678	2.5	64.9					24

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27-44 BIGGS AAF TX (EL PASO)

73-80

FEF

STATION

STATION NAME

YEARS

MONTH

PAGE 1

J300-0500  
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
66/ 65											.3							2	2	
64/ 63											.1		.1	.1				3	3	
62/ 61								.1			.1	.3						4	4	
60/ 59				.1	.1		.4	.1	.1		.1							8	8	
58/ 57				.1	.1		.4	.1	.3	.1								9	9	
56/ 55				.3		.3		.4	.6	.3								13	13	
54/ 53			.1	.3	.3	.4	.2	.6	.4	.1								18	18	1
52/ 51		.7	.1	.3	.4	.1	.4	1.6	.1									27	27	5
50/ 49	.3	.1	.6	1.0	1.2	1.0	.4	.6										36	36	9
48/ 47	.1	1.2	.6	.4	1.0	1.2	.7	.6										40	40	13
46/ 45	.4	.4	1.0	1.3	1.0	.4	.4											35	35	23
44/ 43		.1	.4	1.6	1.0	1.0	.3	.1										32	32	18
42/ 41		1.8	1.3	1.3	1.8	.3	.4											47	47	33
40/ 39		1.5	2.8	2.1	3.0	.1	.4											67	67	56
38/ 37	.4	1.3	2.2	1.0	1.2	.9	.1											50	50	67
36/ 35	.3	1.8	1.6	1.8	2.1	1.3												60	60	69
34/ 33	.1	3.7	1.9	1.0	.9	.1	.1											54	54	73
32/ 31	.1	1.8	2.5	1.6	.7	.7	.3											93	93	63
30/ 29	.1	1.5	1.6	.7	.7	.4												35	35	53
28/ 27		1.3	1.6	.6	.3													26	26	61
26/ 25		.7	1.3	1.0	.3													23	23	40
24/ 23	.1	.7	1.0	.9														19	19	31
22/ 21	.6	.1	.1	.4	.1													10	10	30
20/ 19	.1																	1	1	17
18/ 17			.3															2	2	6
16/ 15			.4															3	3	4
14/ 13																				2
12/ 11																				3
10/ 9																				
8/ 7																				
6/ 5																				
4/ 3																				
2/ 1																				
0/ -1																				
Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	$\bar{X}$	$\sigma_X$	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27544 RIGGS AAF IX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

FEB  
 MONTH

PAGE 2 0300-0500  
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-4/-3																					3		
-4/-5																					4		
-6/-7																					2		
-6/-9																					3		
-10/-11																					1		
TOTAL	3.0	18.9	20.2	17.4	16.7	9.3	5.6	4.7	2.2	1.0	.3	.4	.1					677	677	677			

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2594621	39268	58.0	21.665	677							64
Dry Bulb	1094132	26470	39.1	9.357	677		21.3					84
Wet Bulb	779104	22386	33.1	7.584	677		36.5					84
Dew Point	460997	15979	23.6	11.137	677	3.0	67.5					84

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

CLIMATE CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27044 BIGGS AAF TX (EL PASO) 73-80 FEB  
 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
64/ 63									.1									2	2	
62/ 61									.1									4	4	
61/ 59						.1	.4	.3										6	6	
60/ 57						.1	.1	.1										4	4	
56/ 55			.1	.1			.1	.4	.7									11	11	
54/ 53		.4	.3	.1	.1		.4	.1		.1								12	12	
52/ 51		.6	.3	.4	.4	1.0	.6	.6	.1									28	28	6
50/ 49		.4	.4	.4	.4	.9	.6	1.0	.1									30	30	7
48/ 47	.5	.4	.4	.7	.9	1.8	1.0	.1	.1									40	40	15
46/ 45	.6	.9	1.7	.9	.6	1.2	1.0	.4										45	45	20
44/ 43		.1	.7	1.2	1.0	1.2	.4	.1										33	33	12
42/ 41		1.0	.9	2.1	1.2	1.2	.7	.3										49	49	34
40/ 39		2.2	1.9	1.9	1.3	.6	.4											57	57	49
38/ 37	.9	.7	3.2	1.3	1.2	1.0												57	57	61
36/ 35	1.3	1.6	1.8	1.5	.9	.6	.1											53	53	73
34/ 33	.6	2.2	1.3	2.1	.4	.7												50	50	75
32/ 31	.4	3.4	2.4	1.9	.7	.7												65	65	66
30/ 29	.1	2.2	2.1	1.6	.2	.1												43	43	55
28/ 27		2.4	1.3	.3	.9	.1												34	34	58
26/ 25		.7	1.3	.3	.3													18	18	53
24/ 23		.6	.6	.9														14	14	26
22/ 21		.6	.3	.3														8	8	25
20/ 19	.7		.4	.4														11	11	18
18/ 17			.3															2	2	9
16/ 15			.1															1	1	5
14/ 13			.1															1	1	3
12/ 11																				1
10/ 9																				1
8/ 7																				17
6/ 5																				9
4/ 3																				11
2/ 1																				11
0/ -1																				5
-2/ -3																				6
Element (X)	Σx'	Σx	X	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

27044 BIGGS AAF TX (EL PASO) 73-80 YEARS FEB MONTH  
 STATION STATION NAME

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															
-4/-5																						6														
-6/-7																						1														
-10/-11																						2														
TOTAL	5.8	29.6	21.9	12.4	10.6	11.4	6.2	3.7	1.5	.3	.4	.3						678			678															

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2793224	40834	60.222	209	678	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1350557	25973	38.3	9.060	678		24.4					84
Wet Bulb	766366	22220	32.8	7.556	678		39.6					84
Dew Point	470320	16160	23.8	11.215	678	2.5	67.2					84

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2744 RIGGS AAF TX (EL PASO) 73-80 YEARS MONTH

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

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

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
74/ 73														.1				1	1	
72/ 71															.1			2	2	
70/ 69																.1		1	1	
68/ 67														.3		.3		4	4	
66/ 65								.1		.4	.1	.3	.6	.1			12	12		
64/ 62									.3		.9	.6	.1				13	13		
62/ 61					.2	.4	.3		.1	.9	.6	.6	.4				25	25		
60/ 59				.1		.1	.5	.3	1.3	.6	.7	.1					29	29		
58/ 57			.1	.3	.5	.1	.7	1.6	1.0	1.2	.3						40	40		
56/ 55		.3	.3	.1	.1	1.5	1.2	1.9	1.3	1.2	.1						52	53		
54/ 53		.4			.1	.7	1.5	2.1	2.2	.7	.3						55	55	7	
52/ 51			.3	.6	1.2	1.9	2.7	1.3	1.0	.1							62	62	12 4	
50/ 49		.3	.3	.4	1.2	2.2	3.3	2.1	1.0	.1							72	72	16 7	
48/ 47	.7	.4	.3	.6	2.2	1.3	1.5	1.7	.4								58	58	26 11	
46/ 45	.1	.4	.7	1.5	1.2	2.1	1.0	.7	.1								55	55	48 4	
44/ 43	.1	.7	.6	1.6	1.3	1.3	.4	.9									48	48	72 11	
42/ 41		.7	.9	1.5	1.5	.7	1.2	.3									46	46	89 12	
40/ 39		1.2	.7	.6	1.8	.3	.6										35	35	112 10	
38/ 37	.3	.6	.7	.6	.3	.4	.4										23	23	82 29	
36/ 35		.6	.3	.4	.3	.3	.1										14	14	67 37	
34/ 33	.1	.4	.6	1.0	.1												16	16	56 44	
32/ 31		.1	.3	.3	.1												6	6	31 52	
30/ 29		.3		.1													3	3	25 48	
28/ 27		.1	.3														3	3	18 51	
26/ 25		.1	.1														2	2	8 54	
24/ 23																			4 41	
22/ 21																			1 47	
20/ 19																				49
18/ 17																				36
16/ 15																				20
14/ 13																				21
12/ 11																				12
10/ 9																				15
8/ 7																				26
Element (X)	Σx'	Σx	Σ	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	Total							
Dry Bulb																				
Wet Bulb																				
Dew Point																				



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27044 BIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

FEB  
 MONTH

PAGE 1 1200-1400  
 HOURS (L. S. T.)

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

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			
76/ 75															.1	.4	1.2			12	12			
74/ 73															.3	.6	.1	.4		13	13			
72/ 71										.1					.3	.4	.9	1.2	.7	.3	27	27		
71/ 69										.1					.4	.4	1.0	1.3	1.9	.3	.1	39	39	
68/ 67										.1	.1	.3			.4	1.0	2.7	.9			38	38		
66/ 65										.1	.1	.7	1.2		1.3	1.5	.6			38	38			
64/ 63							.1	.1		.3	.6	1.3	1.3		2.1	1.0				47	47			
62/ 61						.3				.1	.9	2.1	2.1		1.3	.6				50	50			
60/ 59				.1			.4	.4	2.2	2.5	1.8	1.0	.1							59	59		1	
58/ 57		.1		.1	.3	.7	.7	3.2	2.7	1.9	1.3	.1								74	74	2		
56/ 55			.3	.3	.3	.6	1.5	2.1	1.5	1.3										51	51	8	2	
54/ 53			.3	.3	.1	1.3	.6	1.5	1.3	.9	.1									44	44	11	2	
52/ 51			.3	.1	.6	1.0	2.2	1.3	.6	.3										44	44	23	2	
50/ 49		.3	.4	.7	.6	1.5	1.0	1.0	1.2	.1										46	46	45	4	
48/ 47	.1		.6	.7	.3	.3	.7	.4	.6											26	26	83	2	
46/ 45			.6	.6	.1	.7	.1	.4												19	18	99	10	
44/ 43	.3		.3	.1	.6		.1													10	10	122	13	
42/ 41		.1	.3	.4	.4	.1														10	10	88	13	
40/ 39		.1	.3	.3	.3	.1														6	6	64	15	
38/ 37		.1	.1	.3		.1														5	5	49	18	
36/ 35	.3	.1	.4	.3																8	8	28	29	
34/ 33		.3	.4																	5	5	31	37	
32/ 31			.6																	4	4	6	58	
30/ 29			.1	.1																2	2	7	46	
28/ 27																						9	45	
26/ 25																						2	49	
24/ 23																							38	
22/ 21																							55	
20/ 19																							64	
18/ 17																							44	
16/ 15																							30	
14/ 13																							20	
12/ 11																							20	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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																								

LOCAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

21044 STATION SIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS 000 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
11 / 9																					19
8 / 7																					20
6 / 5																					11
4 / 3																					7
2 / 1																					3
0 / -1																					1
-2 / -3																					1
-6 / -7																					1
TOTAL	.7	1.3	3.5	5.3	3.7	8.0	9.4	14.5	14.5	12.4	9.9	8.6	5.3	1.6	2.1	.1	677	677	677	677	
Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	X	e <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	926092	21760	32.1	18.309	677	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2321894	39156	57.8	9.199	677		.7	16.1	3.2			84									
Wet Bulb	1270863	29095	43.0	5.502	677		3.0					84									
Dew Point	484145	16745	24.7	10.174	677		.4	66.0				84									

USAFETAC FORM 44 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044      BIGGS AAF TX (EL PASO)      73-80      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
79/ 79															.1		1	1		
78/ 77														.3	.7	.3	9	9		
76/ 75											.1	.1	.3	1.3	.7		18	18		
74/ 73											.4	.6	1.2	1.2	1.2	.1	36	36		
72/ 71								.1			.3	.3	1.3	3.0	.6		44	44		
70/ 69							.1	.4			.3	.4	1.0	3.7	.3		43	43		
68/ 67							.3	.3			.7	.1	3.7	1.8			47	47		
66/ 65							.1	.6	1.3		1.0	1.2	1.9	.7			47	47		
64/ 63					.1	.1	.1	.6	1.6	.9	2.9	1.0					51	51		
62/ 61					.4	.1	.3	.9	3.1	1.2	3.4	.6	.3				69	69		
60/ 59						.4		1.2	2.1	2.9	1.3	.1					55	55		
58/ 57						.4	1.2	1.5	1.5	2.1	.6	.1					50	50	3	
56/ 55			.1	.3		.7	.9	.3	1.3	.6	.3						31	31	9	
54/ 53			.3	.4		1.2	.9	1.3	1.0	.6	.3						41	41	13	
52/ 51		.1	.3	.4	.3	.7	.4	1.5	.7	1.0							38	38	24	
50/ 49			.3	.4	.3	.4	.4	1.2	.6	.1							26	26	67	
48/ 47			.3	.6	.4	.1	.7	.3	.4								20	20	107	
46/ 45			.6		.7	.4	.4	.1									16	16	114	
44/ 43		.3				.1	.4										6	6	95	
42/ 41			.1	.4			.1										5	5	87	
40/ 39			.3		.1		.3										5	5	50	
38/ 37		.3		.1	.1												4	4	29	
36/ 35		.6															4	4	37	
34/ 33			.3	.3	.1												5	5	24	
32/ 31		.1	.6	.1													6	6	3	
30/ 29																			9	
28/ 27	.1																1	1	7	
26/ 25																				
24/ 23																				
22/ 21																				
20/ 19																				
18/ 17																				
16/ 15																				
14/ 13																				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (CL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH  
METEOROLOGICAL SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2044 STIGGS AFB TX (EL PASO) 73-80 YEARS FEB 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																	
11																																				15		
9																																				12		
7																																				13		
5																																				15		
3																																				5		
1																																				2		
-1																																				3		
-3																																				2		
-5																																				2		
-7																																				2		
-9																																				1		
TOTAL	.1	1.5	3.2	3.2	2.7	4.6	7.4	10.3	13.7	11.9	11.5	10.6	11.0	4.3	2.8	.4																				678	678	678
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature							Total																									
Rel. Hum.	749475	19041	28.1	17.601	678	$\leq 0$	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	Total																										
Dry Bulb	253869	40975	60.4	9.598	678		.9	24.5	7.9			84																										
Wet Bulb	1319576	29684	43.8	5.430	678		2.4					64																										
Dew Point	439361	15821	23.3	10.218	678	1.2	67.4					84																										

USAFETAC FORM 0-26-5 (OL A) REVISIO METEOROLOGICAL SERVICE/MAC

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21 44 STIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

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
74/ 73																		2	2	
72/ 71																		5	5	
71/ 69																		16	16	
68/ 67																		22	22	
66/ 65																		29	29	
64/ 62																		33	33	
62/ 61																		33	33	
60/ 59																		63	63	
58/ 57																		49	49	
56/ 55																		51	51	4
54/ 52																		52	52	6
52/ 51																		62	62	6
51/ 49																		57	57	17
48/ 47																		42	42	41
45/ 45																		47	47	78
44/ 43																		26	26	101
42/ 41																		30	30	94
40/ 39																		16	16	90
38/ 37																		16	16	83
36/ 35																		11	11	45
34/ 33																		3	3	36
32/ 31																		3	3	28
30/ 29																		5	5	20
28/ 27																		1	1	12
26/ 25																		3	3	11
24/ 23																				37
22/ 21																				1
20/ 19																				45
18/ 17																				68
16/ 15																				48
14/ 13																				42
12/ 11																				35
10/ 9																				21
8/ 7																				24
8/ 7																				16
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISION 10-64  
 REVISION 10-64



GLOBAL CLIMATOLOGY BRANCH  
 SAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2004 LIGGS AAF TX (EL PASO) 73-80 FEB  
 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	
0/ 5																					18	
4/ 3																					7	
2/ 1																					7	
0/ -1																					7	
-2/ -3																					3	
-4/ -5																					2	
TOTAL	.4	4.1	5.8	4.3	6.1	11.8	15.1	15.7	12.0	6.8	8.7	5.3	3.0	.6	.4		677	677	677	677		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	1154089	24383	36.02	20.203	677	$\leq 0 F$	$\leq 32 F$	$\approx 67 F$	$\approx 73 F$	$\approx 80 F$	$\approx 93 F$	84										
Dry Bulb	1959018	35698	53.0	9.063	677		1.5	5.6	.2			84										
Wet Bulb	1120116	27256	40.3	5.806	677		8.9					84										
Dew Point	445177	15729	23.2	10.861	677	1.5	66.5					84										

USAFETAC FORM 0-26-5 (OLA) REVISED NUMBERS IN PARENTHOSES OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27644 EIGGS AAF TX (EL PASO) 73-80 FFF  
STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	.2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
71/69													.1					1	1		
68/67											.1	.3	.3					5	5		
66/65								.1	.1		.6	.9	.1					13	13		
64/63								.1	.3		.6	.3						9	9		
62/61					.2	.4	.3		.1	.4	.6	.3						17	17		
60/59					.1	.3	.1	.4	.9	1.6	.6							28	28		
58/57			.1	.3	.6			.9	.7	1.2								26	26		
56/55			.3	.3	.6	.3	1.2	1.0	1.0	1.0								39	39		
54/53			.1	.1	.4	1.2	1.5	.7	1.5	.4								40	40	8	
52/51		.3	.5	.1	1.2	1.6	1.5	1.2	1.2									52	52	6	1
50/49		.4	.4	1.0	.9	2.1	.7	1.2	.3	.1								49	49	21	5
48/47		.6	.1	1.2	1.6	1.5	1.8	.6	.4									53	53	18	5
46/45			.9	1.6	1.1	1.9	.9	.1	.6									51	51	25	16
44/43		.7	1.2	1.6	2.1	2.4	1.3	.4										66	66	60	9
42/41		1.2	.4	1.6	1.3	1.9	.9	.3										50	50	91	7
40/39	.1	.6	.7	.7	2.1	1.6		.1										41	41	79	19
38/37		1.5	1.6	.7	1.2	1.0	.7											48	48	76	27
36/35		.9	.7	.9	.4	1.0	.3											29	29	74	25
34/33		1.2	.4	1.0	.4	.7												26	26	56	34
32/31			.4	.6	.4	.3												12	12	54	65
30/29		.4		.1	.4	.3												9	9	39	44
28/27		.1	.7		.4													9	9	24	42
26/25	.1			.3														3	3	21	39
24/23	.1	.1																2	2	15	39
22/21																				8	33
20/19																			3		64
18/17																					39
16/15																					44
14/13																					22
12/11																					16
10/9																					26
8/7																					12
6/5																					5
4/3																					11
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21044 HIGGS AAF TX (EL PASO)

73-80

FFB

STATION

STATION NAME

YEARS

MONTH

PAGE 2 2100-2100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		*31	Dry Bulb	Wet Bulb
+/ 1																				12
J/ -1																				7
-J/ -3																				5
-J/ -5																				4
TOTAL	.4	8.1	9.1	12.4	15.9	18.4	11.4	7.5	6.9	5.0	2.7	1.9	.2				678	678	678	
Element (X)      Σx'      Σx      X      %x      No. Obs.      Mean No. of Hours with Temperature																				
Rel. Hum.	1736067	31183	46.0	21.11'	678	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	1527924	31598	46.6	9.039	678	4.3	.7					84								
Wet Bulb	973751	25291	37.3	6.694	678	20.3						84								
Dew Point	482298	16414	24.2	11.270	678	2.0	65.5					84								

USAFETAC FORM 0-23-5 (O-L-A)      WORLD TRENDS      ERRORS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 HIGGS AAF TX (EL PASO) 73-80 FFF  
 STATION STATION NAME YEARS 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	
12/ 11																				4	140	
13/ 9																				1	161	
3/ 7																					131	
5/ 5																					82	
4/ 3																					70	
2/ 1																					50	
0/ -1																					43	
-2/ -3																					26	
-4/ -5																					27	
-5/ -7																					8	
-8/ -9																					4	
-10/ -11																					3	
TOTAL	1.6	9.5	17.7	11.0	11.0	11.1	9.9	9.3	7.8	5.8	4.6	3.6	2.6	.8	.7	.1		5420	5420	5420		
Element (X)	Σ X <sup>2</sup>	Σ X	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	17850119	242835	44.8	23.412	5420	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb	13430750	261918	48.3	11.966	5420		66.8	48.0	11.5			672										
Wet Bulb	8147752	206054	38.0	7.616	5420		153.9					672										
Dew Point	3781491	130555	24.1	10.840	5420	13.9	528.1					672										

USAF/TAC FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 51665 AAF TX (EL PASO) 73-80 MAG  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 0000-0200  
 HOURS (L. S. T.)

USAF/TAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
7 / 64								.1		.3	.7			.1				9	9		
68 / 67								.3		.7	.8	.8						21	21		
66 / 65								.1		.3	1.6	.1						16	16		
64 / 63								.3		.7	.9	.1						15	15		
62 / 61								.1		1.2	.9	1.1	.3					27	27		
60 / 59								.1	.4	1.5	1.1	.5	.1					28	28		
58 / 57					.1	.1	.5	.8	1.6	1.1								32	32		
56 / 55		.4		.3	.4	.7	1.3	1.5	1.7	.9								54	54		
54 / 53			.1		.9	1.5	1.2	1.5	1.3	.7								54	54	6	
52 / 51		.5		.3	.7	1.2	2.4	1.5	.7	.1								55	55	1	
50 / 49			.3		1.2	2.2	2.3	1.5	1.5									66	66	17	
48 / 47		.1		.7	.8	2.8	2.6	1.7	.9									72	72	20	
46 / 45		.1		.5	2.4	1.9	1.6	1.3										59	59	60	
44 / 43		.1	.4	1.1	2.4	2.2	1.1	.3										56	56	75	
42 / 41		.1	1.1	1.2	1.9	1.6	1.3	.4										57	57	72	
40 / 39		.1	1.1	.5	2.2	.7	.7											39	39	99	
38 / 37		.1	.3	.8	.9	1.5	.8											33	33	107	
26 / 35		.3	.8		.5	.7	.1											18	18	74	
34 / 33		.4	.3	.1	.3	1.1												16	16	74	
32 / 31				.4	.4	.3												6	8	61	
30 / 29				.3	.1	.1												4	4	20	
28 / 27			.1															1	1	24	
26 / 25			.3															2	2	14	
24 / 23			.1	.1														2	2	14	
22 / 21																				4	
20 / 19																				2	
18 / 17																				55	
16 / 15																				30	
14 / 13																				34	
12 / 11																				32	
10 / 9																				29	
8 / 7																				23	
6 / 5																				20	
4 / 3																				11	
Element (X)	Σ X <sup>2</sup>	Σ X	X̄	s <sub>x</sub>	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  
 NATIONAL CLIMATOLOGY BRANCH  
 AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2144 WIGGS AAF IX (EL PASO)  
 STATION STATION NAME

73-86  
 YEARS

MAP  
 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
11/ 69												.1						1	1		
67/ 67												.3						3	3		
46/ 65								.3		.1	.1	.3		.1				7	7		
44/ 63										.5	.1	.3						7	7		
52/ 61						.1		.5		.5	.5	.4						15	15		
71/ 59								.4		.9	1.6	.4						25	25		
58/ 57				.1		.1	.1	1.7		.5	1.3	.1						32	32		
58/ 55			.1		.1		.7	2.0		1.1	.5							34	34		
44/ 53		.1	.7	.1	.4	.7	1.5	1.7		.5	.3							45	45	3	
57/ 51		.3	.1		1.1	1.1	1.7	1.5		.5	.3							50	50	3	1
57/ 49			.3	.5	.9	1.2	2.2	1.5		.4								51	51	8	2
47/ 47			.4	.8	1.1	2.3	1.9	.9		.9								52	52	17	3
43/ 45		.1	.1	.9	2.4	2.7	1.1	1.3										65	65	24	5
54/ 43		.3	.5	1.5	2.3	1.3	.9	.7										55	55	54	4
42/ 41		.1	.9	1.7	2.2	1.1	1.2	.3										56	56	79	9
43/ 39	.1	.4	.9	3.2	2.3	1.6	.4											65	65	78	3
71/ 37		.1	2.4	1.7	2.3	.9	.3											58	58	86	13
56/ 35		.1	.6	1.3	1.6	.8												35	35	99	19
34/ 33		.2	.9	.9	.4	.4												26	26	78	24
22/ 31		.5	.3	.9	.5	.7												22	22	73	57
21/ 29		.3	.3	.3	.7	.5												15	15	55	58
27/ 27				.6	.3													8	8	32	102
26/ 25			.1	.3														3	3	15	60
24/ 23				.1														1	1	13	54
22/ 21		.3	.4	.1														6	6	17	60
22/ 19		.1																1	1	4	64
18/ 17																				6	32
16/ 15																					42
14/ 13																					38
12/ 11																					14
10/ 9																					29
8/ 7																					18
6/ 5																					20
4/ 3																					16
Element (X)	Σx <sup>2</sup>	Σx	Σ	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27344 SIGGS AAF TX (EL PASO) 73-80 73-80  
 STATION STATION NAME YEARS MONTH

PAGE 2 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	
27 / 1																					11	
27 / -1																					3	
-2 / -3																					1	
-4 / -5																					1	
-6 / -7																					1	
TOTAL	1	3	9	4	15	6	18	11	5	6	12	2	5	0	5	2		744		744		
																	744		744			
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	1652611	32085	43.7	17.755	744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	1586704	33696	45.3	9.031	744		7.0	5				93										
Wet Bulb	988975	26699	35.9	6.445	744		26.9					93										
Dew Point	439724	16634	22.4	9.555	744	8	82.6					93										

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23044 GIGGS AAF TA (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

MAR  
 MONTH

PAGE 1 0600-0800  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 71											.1							1	1		
68/ 67											.1	.1						2	2		
66/ 65											.4	.1						4	4		
64/ 62											.3	.3						6	6		
62/ 61											.5	.3	.3	.1				12	12		
60/ 59										.1	.7	.5	.8	.1				17	17		
58/ 57										.1	1.0	.7	.5					21	21		
56/ 55		.3	.1	.1	.4	.4		1.2	1.3	1.1	.7							42	42		
54/ 53			.1	.4	.3	.1	2.0	1.1	1.7	.3								49	48	3	
52/ 51			.3	.8	1.7	2.2	1.3	.9										54	54	1	3
50/ 49		.4	.1	.8	2.2	1.1	2.7	1.5	1.1									73	73	9	
48/ 47		.1	.7	.3	2.2	2.0	1.5	.5										54	54	11	2
46/ 45		.1	.1	1.6	2.0	2.0	1.6	.7	.3									63	63	29	5
44/ 43			.3	1.3	2.3	1.9	1.3	.4										56	56	53	5
42/ 41		.3	.5	3.4	2.8	1.7	1.3	.3										77	77	75	8
40/ 39		.3	1.6	1.5	.8	1.5	.5											46	46	91	6
38/ 37		.5	1.7	1.7	.9	1.1	.3											47	47	101	6
36/ 35	.1	.5	1.1	1.5	.8	.7												35	35	88	22
34/ 33		1.1	.7	1.3	.3	.7												30	30	85	22
32/ 31	.3	.7	.8	.4	.5	.3												22	22	69	77
30/ 29		.4	.1	.5	.7													13	13	51	70
28/ 27		.1	.1	.4	.4	.1												9	9	26	75
26/ 25			.3	.5	.1													7	7	15	51
24/ 23			.1	.1														2	2	16	56
22/ 21			.1															1	1	9	53
20/ 19		.1																1	1	9	64
18/ 17		.1																1	1	3	40
16/ 15																					32
14/ 13																					33
12/ 11																					19
10/ 9																					33
8/ 7																					15
6/ 5																					11
4/ 3																					11
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEAT-FR SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2044 BIGGS AAF TX (EL PASO) 73-80 YEARS MAR  
STATION STATION NAME MONTH

PAGE 1 0906-1100  
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															
79/ 79										.1								1	1																	
78/ 77														.4				3	3																	
76/ 75									.1			.1	.4	.3				7	7																	
74/ 73											.1	.3	.5	.9				14	14																	
72/ 71									.1	.3	.4	.5	1.1	.1				19	19																	
70/ 69									.1	.3	.6	1.1	1.3					27	27																	
68/ 67									.1	.9	1.2	1.5	.4					31	31																	
66/ 65								.1	.3	1.3	1.9	1.1	.3					37	37																	
64/ 63							.1	.5	1.1	1.7	2.2	1.5						53	53																	
62/ 61						.1	.3	3.1	2.6	1.2	.3	.1						59	59																	
60/ 59			.1		.7	.4	1.6	1.6	1.9	1.6								59	59	1																
58/ 57			.5	.4	.5	3.9	2.3	2.0	.6	.1								78	78	1																
56/ 55		.1		.1	1.6	2.3	2.7	1.6	1.2									71	71	3																
54/ 53		.3	.3	.7	.8	1.9	2.2	1.7	.8									64	64	1																
52/ 51		.3	.1	.5	1.6	3.0	1.6	1.3										63	63	23	2															
50/ 49		.1	.7	1.5	1.5	1.1	.9											45	45	51	1															
48/ 47			.4	1.3	1.2	.7	1.1											35	35	67	3															
46/ 45		.1	.4	.8	1.1	.8	.7											29	29	116	2															
44/ 43		.3	.4	.8	.1	.4	.3											17	17	108	?															
42/ 41		.5	.1	.1	.4	.3	.1											12	12	111	6															
40/ 39		.1	.2	.3	.4													8	8	103	13															
38/ 37	.1	.1	.1	.1	.3													5	5	63	24															
36/ 35				.1														1	1	36	23															
34/ 33		.1	.1															2	2	22	27															
32/ 31		.3		.1														3	3	18	61															
30/ 29																				6	67															
28/ 27																				2	77															
26/ 25																				1	64															
24/ 23																					56															
22/ 21																					44															
20/ 19																					63															
18/ 17																					37															
16/ 15																					32															
14/ 13																					24															
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/440

## PSYCHROMETRIC SUMMARY

2044 SIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-00

YEARS

MAH  
 MONTH

PAGE 2 0950-1100  
 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																	
12/ 11																																				37	
10/ 9																																				25	
8/ 7																																				17	
6/ 5																																				9	
4/ 3																																				1	
2/ 1																																				1	
0/ -1																																				1	
-2/ -3																																					1
TOTAL	.31	1.2	1.5	2.4	6.3	10.9	11.9	15.9	14.4	13.2	10.4	6.5	4.2	1.7																						743	
																																				743	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	907918	23422	31.5	15.117	743							
Dry Bulb	2467039	42363	57.0	8.344	743		4	12.8	3.1			93
Wet Bulb	1359337	31559	42.5	5.042	743		3.4					97
Dew Point	505414	18238	24.5	8.821	743		3	79.0				93

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





LOCAL CLIMATOLOGY BRANCH  
AFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

244 SIGG AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

MAC  
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																	
87														.2																		2	2				
86														.1																		1	1				
82															.1																	12	12				
81															.1																	14	14				
79															.7	1.5	2.5															43	43				
77															.9	1.9	2.9															46	46				
75															.4	1.2	2.2	3.5														61	61				
73															.1	1.8	3.5	.5														61	61				
71																.7	1.3	2.4	.9													63	63				
69																.9	1.4	2.3	3.9	1.6													65	65			
67																.1	.4	2.3	4.7	1.2	.5												69	69			
65																.5	1.5	2.2	3.9	.7	.1												68	68			
63																.3	.7	1.9	2.7	1.1	.4												52	52			
61																.4	.9	1.5	.7	.1	.4												28	28			
59																.1	.1	1.2	1.1	1.6	.1												36	36			
57																	.1	.7	.9	.4													42	42			
55																	.3	.4	.9	.1													25	25	18		
53																	.4	.1	.5	.5	.1	.3											16	16	39		
51																	.1	.4	.2	.1	.7	.5											19	19	65	1	
49																	.4	.3	.5	.3														11	11	119	
47																	.1	.4	.1	.1														6	6	140	2
45																	.1	.1	.1															2	2	130	3
43																	.4	.1																3	3	101	4
41																	.1	.1	.1	.3														5	5	59	2
39																																				37	2
37																																				17	16
35																																			13	19	
33																																			6	21	
31																																				32	
29																																				44	
27																																				50	
25																																				71	
23																																				79	
21																																				68	
Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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







LOCAL CLIMATOLOGY BRANCH  
 NATIONAL  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27044 21665 AAF TX (EL PASO) 73-80 MAP  
 STATION STATION NAME YEARS MONTH

PAGE 2 1600-2000  
 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
17/10																					45
14/13																					46
17/11																					31
17/9																					29
17/7																					14
17/5																					15
17/3																					11
17/1																					5
17/-1																					7
17/-3																					4
TOTAL		.1	1.1	2.3	3.6	4.4	5.8	9.5	13.2	15.3	12.0	13.0	10.3	5.4	3.1	.5	.1	744	744	744	744

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	524208	18232	24.5	13.600	744							
Dry Bulb	2809144	45222	60.8	9.020	744			26.5	9.5	.8		93
Wet Bulb	1408904	32170	43.2	4.894	744			2.4				93
Dew Point	394046	15796	21.2	8.887	744	1.4	24.5					93

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 AX 84

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE / MAC

# PSYCHROMETRIC SUMMARY

27-44 STATION SIGGS AAF TX (EL PASO)

73-80

YEARS

MAR  
MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
77/ 79															.1		1	1		
76/ 77											.4						3	3		
76/ 75														.1			1	1		
74/ 73											.1	.4	.1	.1			6	6		
71/ 71										.1				.5	.4		8	8		
70/ 69								.4		.8	.3	.9	.3				20	20		
68/ 67									.7	.3	2.0	.5					23	23		
66/ 65								.1	.3	2.8	1.6	.4					39	39		
64/ 63							.3	.3	1.5	1.9	.7	.1					35	35		
62/ 61						.1	.4	.8	1.6	2.0							37	37		
59/ 59						.5	.8	2.6	1.1	.8	.1						44	44		
58/ 57					.5	.5	.3	1.7	2.2	1.6	.5						62	62	1	
56/ 55					.3	.5	.9	3.5	1.9	1.1	.1						62	62	3	
54/ 53			.1	.1	.1	.7	1.1	2.2	1.3	1.3							52	52	2	
52/ 51		.1	.1	.4	.7	1.2	2.6	3.0	2.2	.5							80	80	4	
50/ 49			.1	.1	.5	1.6	2.2	1.3	1.3								54	54	31	
47/ 47				.1	1.7	2.3	2.0	1.3	.4								59	59	32	2
46/ 45			.1	1.1	1.2	1.1	1.6	2.3	.1								56	56	99	2
44/ 43			.8	1.1	.8	1.1	.5	.4									35	35	77	5
42/ 41			.1	.5	.5	.5	.7	.5									22	22	95	11
41/ 39		.4	.3	.8	.4	.7	.8										25	25	123	5
38/ 37		.1				.4	.7	.8									6	6	84	15
36/ 35			.4		.3	.4	.1										9	9	70	18
34/ 33					.3												2	2	48	20
32/ 31																			28	45
30/ 29			.1	.1													2	2	15	52
28/ 27			.1														1	1	13	55
26/ 25																			8	51
24/ 23																			1	45
22/ 21																				62
20/ 19																				68
18/ 17																				42
16/ 15																				32
14/ 13																				28
Element (X)	Σ x <sup>2</sup>	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 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



LOCAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

27.44 1966 AAF IX (EL PASO) 73-80

YEAR

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			
67/87														.0	.0			3	3					
67/85													.0	.0				2	2					
64/83													.0	.0	.2	.1		19	19					
62/81												.2	.1	.1	.2	.1		28	28					
67/79											.0	.1	.2	.4	.6	.1		69	69					
70/77												.1	.2	.4	.6	.2		91	91					
75/75										.7	.3	.2	.5	.8	.7	.1		138	138					
75/73											.1	.3	1.1	1.0	.2			162	162					
77/71								.0	.9	.1	.2	.4	1.3	.9	.2			180	180					
77/69									.1	.2	.5	1.0	1.4	.5	.0			218	218					
77/67								.1	.1	.4	1.1	2.1	.6	.1				262	262					
56/65							.1	.0	.1	.2	.8	1.8	.4	.0				314	314					
64/63						.0	.1	.1	.2	.5	1.3	1.8	.7	.1				283	283					
67/61					.0	.1	.1	.3	1.4	1.5	1.2	.3	.1					293	293					
77/59			.4	.0	.0	.2	.3	.8	1.5	1.6	1.0	.1						331	331	7				
77/57			.0	.2	.2	.4	.7	1.7	1.7	1.3	.4	.0						353	353					
60/55		.1	.1	.1	.2	.5	.9	2.1	1.3	1.1	.0							380	380	41				
64/53		.0	.2	.2	.4	.7	1.2	1.6	1.1	.6	.0							352	352	95	1			
62/51		.1	.1	.1	.6	1.0	1.9	1.2	1.0	.3								379	379	185	9			
67/49		.1	.1	.2	.9	1.2	1.4	1.1	.9	.0								351	351	379	4			
41/47		.1	.2	.3	1.1	1.4	1.2	.8	.3									316	316	531	27			
46/45		.1	.1	.6	1.2	1.2	.9	.8	.1									295	295	695	23			
44/43		.1	.3	.8	1.1	.9	.6	.3										242	242	714	48			
42/41		.1	.4	1.0	.9	.7	.6	.2										236	236	677	54			
47/39	.2	.2	.5	.8	.7	.6	.3											189	189	651	47			
36/37	.2	.1	.6	.6	.5	.8	.2											152	152	537	121			
36/35	.2	.1	.4	.4	.4	.7	.7											100	100	426	150			
34/33	.3	.3	.2	.3	.2	.3												76	76	342	189			
28/31	.3	.2	.1	.3	.2	.2												56	56	261	375			
36/29		.1	.1	.2	.2	.1												34	34	152	468			
29/27		.0	.1	.2	.1	.0												19	19	99	571			
26/25			.1	.1	.3													12	12	54	521			
24/23			.0	.1														5	5	44	462			
22/21		.0	.1	.0														7	7	30	524			
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25044 1965 AAF IX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

MAR  
MONTH

PAGE 3

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																
25 / 24		0.3																2	2	15	539																
17 / 17		0.1																1	1	9	397																
15 / 15																					297																
14 / 13																					278																
12 / 11																					199																
10 / 9																					222																
5 / 7																					133																
5 / 5																					111																
4 / 2																					72																
2 / 1																					63																
1 / -1																					23																
-2 / -3																					17																
-4 / -5																					6																
-5 / -7																					5																
-8 / -9																					1																
TOTAL	0.1	1.7	3.6	6.1	8.9	10.0	10.2	11.2	10.3	9.4	8.0	7.1	5.9	3.9	2.4	0.9	0.3	5950	5951		5950																

Element (X)	$\Sigma x^1$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7952148	190614	32.0	17.614	5950							744
Dry Bulb	10175858	330270	55.5	11.927	5951		17.0	146.6	64.0	10.8		744
Wet Bulb	10259117	243823	41.0	6.707	5950		63.0					744
Dew Point	3512432	133944	22.5	9.141	5950		6.6	661.8				744

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







GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27044 SIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

APR  
MONTH

PAGE 1 0370-0500  
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		
70/ 75																			.1	1	1		
74/ 75																			.3	7	7		
72/ 71																			.4	5	5		
70/ 69																			.1	15	15		
68/ 67																			.4	14	14		
66/ 65																			.6	16	16		
64/ 63																			.7	36	36		
62/ 61																			.4	30	30		
60/ 59																			.7	45	45	2	
58/ 57																			.8	47	47	1	
56/ 55																			.8	56	56	1	
54/ 53																			.9	66	66	6	
52/ 51																			.8	55	55	41	
50/ 49																			.7	58	58	34	
48/ 47																			.7	44	44	52	
46/ 45																			.9	53	53	70	
44/ 43																			.8	33	33	60	
42/ 41																			.7	29	29	66	
40/ 39																			.6	35	35	94	
38/ 37																			.6	28	28	76	
36/ 35																			.5	20	20	59	
34/ 33																			.5	13	13	38	
32/ 31																			.4	9	9	39	
30/ 29																			.4	3	3	39	
28/ 27																			.1	1	1	17	
26/ 25																			.1	1	1	14	
24/ 23																						7	
22/ 21																						2	
20/ 19																						66	
18/ 17																						51	
16/ 15																						32	
14/ 13																						35	
12/ 11																						19	
10/ 9																						16	
Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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



FEDERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2744 - 1565 AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

APP  
 MONTH

PAGE 1 7600-0800  
 HOURS (L. S. T.)

USAFETAC FORM 44 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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
76/ 75																.1		1	1	
75/ 73									.1							.1	.3	4	4	
72/ 71									.1				.3	.4	.4			9	9	
70/ 69									.1	.3	.3	.6	1.0	.3				15	12	
67/ 67						.1	.3	.3	.3	.3	1.1	.7	.1					21	21	
65/ 65					.3	.1	.4	.1	.7	1.5	1.7	1.1	.3					45	45	
64/ 63					.1	.7	.4	.1		1.1	1.4	1.0	.1					36	36	
62/ 59			.1	.8	.4	.4	.6	1.1	2.9	1.7	.8	.1						66	66	1
58/ 57			.6	.3	.7	.6	.7	2.9	1.3	1.0	.3							59	59	6
55/ 55		.1	.3	.1	.8	.6	.7	1.7	2.6	.6								56	58	9
54/ 53			.4	.1	.3	.6	.7	2.1	2.4	1.0	.3							53	53	23
51/ 51		.1	.1	.6	.1	1.5	2.2	1.5	.4									48	43	34
50/ 49		.3	.4	.2	1.1	.8	2.2	1.5	.4									51	51	33
47/ 47		.3	.1	.1	.7	1.5	1.9	.4										23	33	63
45/ 45		.1	.1	.7	1.5	2.1	1.4	1.1	.3									53	53	66
44/ 43	.1		.3	.8	.7	1.1	.8	.1										29	29	20
42/ 41			.6	.7	.8	1.9	.3											31	31	86
40/ 39			.6	.9	.7	1.1	.3											25	25	76
38/ 37		.1	.3	.6	.8	.4	.1											14	14	61
36/ 35			.3	.7	.8	.4												16	16	56
34/ 33	.4	.3		.3	.7													12	12	47
31/ 31				.3	.1													3	3	5
29/ 29	.1			.1	.1													3	3	17
27/ 27																				17
26/ 25			.3															2	2	5
24/ 23																				2
22/ 21																				2
19/ 19																				70
18/ 17																				46
16/ 15																				34
14/ 13																				23
12/ 11																				17
10/ 9																				2
Element (X)	Σx'	Σx	Σ	σ <sub>x</sub>	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																				



LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAG

# PSYCHROMETRIC SUMMARY

27-44 STATION 27005 AAF TX (EL PASO) 73-80 YEARS 12 MONTH

PAGE 1 5960-1100  
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
57/87														.1				1	1	
57/85													.1					2	2	
47/83														.1	.3		.1	4	4	
47/81													.3	.1	.3	.6		12	12	
77/79													.1	.1	.4	1.0	.8	19	19	
77/77										.3		.1	.7	1.5	1.4	1.1		37	37	
70/75									.4	.1		.3	1.7	2.5	2.1	.6		57	57	
70/73									.3	.4		.4	1.1	1.4	2.2	1.5	.1	53	53	
77/71								.3	.7	.3	.4	1.4	2.5	3.2	.8			69	69	
77/69					.1	.3	.4	.1	.6	.6	2.4	2.8	2.1					67	67	
67/67						.3	.3	.3	.4	1.0	2.4	2.5	.8					60	60	
57/65						.3	.4	.6	.6	1.4	2.4	2.4						57	57	
67/63					.1	.3	.3	.3	.7	2.4	2.5	.4	.1					51	51	3
67/61				.3			.1	.3	1.3	2.1	1.5							46	46	7
67/59				.1	.3		.6	.4	1.1	2.2	.7							39	39	12
57/57					.3	.4	1.0	1.1	1.0	.1								28	28	17
67/55			.1			.3	1.0	.8	1.0	.7								28	29	41
67/53				.1	.1	.3	.4	.3	.8	.3								21	21	57
67/51			.1	.1	.7	.4	.6	1.0	.7									23	23	84
67/49			.1	.1	.3	.1	.3	.5	.6									12	12	91
40/47		.1		.1		.4	.6											9	9	105
40/45		.3		.3		.7	.1											10	10	94
44/43				.3	.3	.1												7	7	69
42/41			.1	.1	.1													2	2	51
47/39					.1													1	1	34
47/37					.1													1	1	25
36/35																				16
24/33	.1	.3																3	3	10
22/31																				2
30/29																				1
27/27																				63
20/25																				69
24/23																				43
22/21																				62
Element (X)	Σx'	Σx	̄x	s <sub>x</sub>	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																				

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

REGIONAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

244 JCSG AAF TX (EL PASO) 73-87  
STATION STATION NAME YEARS

APR  
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																																																																												
17/ 10																					55																																																																												
16/ 17																					52																																																																												
14/ 15																					20																																																																												
14/ 13																					19																																																																												
17/ 11																					8																																																																												
16/ 9																					0																																																																												
17/ 7																					2																																																																												
17/ 2																					2																																																																												
16/ -1																					1																																																																												
TOTAL	.1	.7	.4	1.2	1.8	3.3	5.4	7.5	10.6	12.7	15.6	14.9	13.2	7.2	3.5	.7	.1	719	719	719																																																																													
<table border="1"> <thead> <tr> <th>Element (X)</th> <th><math>\Sigma X'</math></th> <th><math>\Sigma X</math></th> <th><math>\bar{X}</math></th> <th><math>\sigma_s</math></th> <th>No. Obs.</th> <th colspan="5">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>= 0 F</th> <th>= 32 F</th> <th>= 67 F</th> <th>= 73 F</th> <th>= 80 F</th> <th>= 93 F</th> <th></th> </tr> </thead> <tbody> <tr> <td>Rel. Hum.</td> <td>607118</td> <td>18576</td> <td>25.8</td> <td>13.310</td> <td>719</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Dry Bulb</td> <td>3191266</td> <td>47044</td> <td>66.7</td> <td>9.189</td> <td>719</td> <td></td> <td></td> <td>47.7</td> <td>23.2</td> <td>3.6</td> <td></td> <td>97</td> </tr> <tr> <td>Wet Bulb</td> <td>1644659</td> <td>34127</td> <td>47.5</td> <td>5.881</td> <td>719</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>97</td> </tr> <tr> <td>Dew Point</td> <td>609903</td> <td>19803</td> <td>27.5</td> <td>9.477</td> <td>719</td> <td>.1</td> <td>68.3</td> <td></td> <td></td> <td></td> <td></td> <td>97</td> </tr> </tbody> </table>																					Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_s$	No. Obs.	Mean No. of Hours with Temperature					Total							= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F		Rel. Hum.	607118	18576	25.8	13.310	719								Dry Bulb	3191266	47044	66.7	9.189	719			47.7	23.2	3.6		97	Wet Bulb	1644659	34127	47.5	5.881	719							97	Dew Point	609903	19803	27.5	9.477	719	.1	68.3					97
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_s$	No. Obs.	Mean No. of Hours with Temperature					Total																																																																																						
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																																																																																						
Rel. Hum.	607118	18576	25.8	13.310	719																																																																																												
Dry Bulb	3191266	47044	66.7	9.189	719			47.7	23.2	3.6		97																																																																																					
Wet Bulb	1644659	34127	47.5	5.881	719							97																																																																																					
Dew Point	609903	19803	27.5	9.477	719	.1	68.3					97																																																																																					

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







1. MIL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27-44 HIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEAR

YEAR

APR  
 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
96/96																	.1	1	1		
94/93																	.3	2	2		
92/91																.1		1	1		
90/89															.1	.6	2.2	21	21		
88/87																.8	4.3	37	37		
86/85														.1	1.7	3.1	4.9	70	70		
84/82															.6	2.1	2.6	53	53		
82/81												.1	.4	1.3	2.9	3.9	2.1	77	77		
80/79											.4	.7	.8	1.0	3.1	3.8	1.3	88	88		
78/77									.1	.1	.7	.8	2.2	1.8	2.1	.3	59	59			
76/75										.3	.9	1.5	3.2	2.6			61	61			
74/73									.1		1.0	2.2	1.5	.6			39	39			
72/71								.3		.7	.8	2.1	1.0				35	35			
70/69								.1	.3	.8	1.5	2.4	.7				44	44			
68/67								.1	.3	.8	1.5	1.0					27	27			
66/65				.1				.1	.1	1.0	1.1	.1					20	20			
64/63						.1	.3	.1	.4	.6	.4						14	14	3		
62/61							.1	.3	.6	.4	.7	.6					16	16	3		
60/59							.1	.3	.1	.3	.3						8	8	12		
58/57		.1						.1	.8								8	8	43	1	
56/55						.1	.1	.6	.7	.7							16	16	93	1	
54/53						.1		1.1									10	10	118		
52/51				.1	.1	.3		.4	.3								9	9	131		
50/49					.1												1	1	114		
48/47																			70	4	
46/45																			48	3	
44/43																			25	3	
42/41																			15	10	
40/39			.1	.1													2	2	17	15	
38/37			.1														1	1	13	15	
36/35																			2	2	
34/33																			1	42	
32/31																				52	
30/29																				59	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



FEDERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION 2044 IIGGS 4AF IX (EL PASO) STATION NAME 73-80 YEARS APR MONTH

PAGE 1 1886-2000 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
91																.1	.1	2	2	
87																	.2	2	2	
85																.1	.7	12	12	
83															1.1	.8	1.0	21	21	
81															.1	.4	2.1	45	45	
79															.1	.1	.6	2.2	52	52
77															.1	.1	.4	2.1	44	44
75															.1	.6	.7	1.7	3.2	2.5
73															.3	.6	1.8	4.5	1.9	1.5
71																.3	.4	1.1	2.4	2.9
69																.1	.4	1.3	2.9	2.8
67										.1	.2	.1			.3	.3	.7	2.9	1.4	.1
65											.7	.4			.6	2.4	1.4	.3		
63										.1	.1	.3			.8	1.3	1.9	.7		
61					.1					.1	.6	.4			1.4	1.4	.1			
59				.3						.1	1.1	1.3			1.1	1.8				
57										.1	.1	.3			1.0	.7	.1			
55										.1	.1	.4			1.0	1.0				
53										.4	.1	.1			1.3	.3				
51					.1	.1					.3	.4			.7					
49					.1	.3					.3	.6								
47					.1						.1	.6								
45					.3					.2	.1	.1								
43			.1	.1		.2	.1			.2	.1									
41			.1			.1														
39				.3																
37				.1																
35																				
33																				
31																				
29																				
27																				
25																				
23																				
21																				
19																				
17																				
15																				
13																				
11																				
9																				
7																				
5																				
3																				
1																				
0																				
Σx <sup>2</sup>																				
Σx																				
$\bar{x}$																				
$\sigma_x$																				
No. Obs.																				
Mean No. of Hours with Temperature																				
≤ 0 F																				
≤ 32 F																				
≈ 67 F																				
≈ 73 F																				
≈ 80 F																				
≈ 93 F																				
Total																				
Rel Hum.																				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23-44 STIGGS AAF TX (EL PASO) 73-80 APR MONTH YEARS

PAGE 1 2183-2366 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
77/77														.1	.6	.6	.1	15	15	
76/75														.1	.3	.1	.4	21	21	
74/73														.1	.4	1.1	1.0	23	23	
72/71														.1	.1	.4	1.1	38	38	
71/69														.7	.4	.1	1.4	45	45	
70/67														.3	.6	.6	1.9	42	42	
69/65														.1	.6	.6	1.9	43	43	
68/62														.1	.3	.7	1.6	57	57	
67/61														.6	.4	1.3	2.5	49	49	
66/59														.1	.1	1.0	2.4	44	44	
65/57		.1			.1	.3	.4	.4	1.3	1.1	3.2	1.0	.1					58	58	3
64/55		.1			.1	.3	.6	1.0	1.5	1.3	2.2	.1						56	56	3
64/53		.1	.1	.3	.1	.3	.7	1.3	1.3	2.9	.8							51	51	12
62/51							.7	1.4	1.9	1.3	.7							43	43	38
60/49			.4	.1	.3	.6	.6	1.5	1.4	1.0	.1							36	36	49
58/47							.6	1.7	.8									32	32	95
56/45					.3	.1	.1	.7	1.1									16	16	85
54/43					.1	.1	.8	.8										14	14	97
52/41					.1	.3	.6	1.1										15	15	81
50/39			.3	.7	.1	.3	.3											12	12	93
48/37					.1	.1	.3											4	4	70
46/35					.1	.1	.3											2	2	41
44/33			.3	.1														3	3	32
42/31				.1														1	1	22
40/29																				15
38/27																				3
36/25																				1
34/23																				
32/21																				
30/19																				
28/17																				
26/15																				
24/13																				
Element (X)	Σ X <sup>2</sup>	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21 44 STATION SIGGS AAF TX (EL PASO) 73-87 YEARS APR 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	
14/ 11																						38
10/ 7																						4
8/ 7																						6
6/ 5																						2
4/ 3																						1
2/ -1																						1
-2/ -3																						2
-4/ -5																						1
TOTAL		.8	1.1	2.5	2.6	5.8	9.4	12.1	12.4	14.9	10.4	0.6	9.3	6.0	2.9	.1		720	720	720	720	
Element (X)	Σx'	Σx	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ
Rel. Hum.	885049	19867	27.3	14.330	720	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total										
Dry Bulb	2767577	44103	61.3	9.594	720			24.4	12.1	.8		90										
Wet Bulb	1444518	31977	44.4	5.818	720		2.4					90										
Dew Point	495132	17620	24.5	2.430	720	.5	74.3					90										

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2004 GIGGS AAF TX (EL PASO) 73-80 YEARS APP MONTH ALL  
 STATION STATION NAME PAGES 1 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
90/90																		1	1	
89/93																		3	3	
87/91																		6	6	
86/89																		27	27	
83/87																		65	65	
82/85																		117	117	
84/83																		129	129	
82/81																		200	200	
79/79																		252	252	
77/77																		240	240	
76/75																		286	286	
74/73																		276	276	
72/71																		255	285	
71/69																		317	317	
68/67																		272	272	
66/65																		290	290	
64/63																		310	310	12
62/61																		264	264	14
61/59																		308	308	54
59/57																		253	263	127
57/55																		306	306	289
54/53																		255	285	435
52/51																		230	230	592
50/49																		209	209	639
47/47																		157	157	648
46/45																		161	161	594
44/43																		114	114	483
42/41																		95	95	448
40/39																		83	83	433
37/37																		56	56	305
36/35																		53	53	231
34/33																		33	33	172
32/31																		13	13	125
30/29																		7	7	71
Element (X)	ΣX <sup>2</sup>	ΣX	Σ	Σ <sub>x</sub>	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																				

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



AGRI-CULTURAL RANCH  
 ADELTA  
 AIR SERVICE / MAC

# PSYCHROMETRIC SUMMARY

44 CIGGS AAF TX (EL PASO) 73-81 APR 3  
 STATION STATION NAME YEARS 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														
77			.1															1	1	47	5.6														
75			.1															3	3	20	5.4														
73																					17	3.0													
71																					4	5.5													
70																						9.0													
70																						3.1													
70																						3.1													
70																						2.7													
70																						1.91													
70																						1.2													
70																						5.3													
70																						2.1													
70																						1.5													
70																						2.1													
70																						7													
70																						9													
70																						?													
70	.1	.8	2.0	3.2	4.5	6.8	8.1	9.0	8.9	8.9	9.0	8.7	8.4	7.3	6.2	4.2	3.7		5757		5757														
TOTAL																			5757	5757		5757													

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	551305	1574.3	27.3	16.398	5757	< 0 F	< 32 F	< 67 F	< 73 F	> 80 F	> 93 F	Total
Dry Bulb	24113056	365240	63.4	12.954	5757		3.0	309.7	208.4	85.5	.5	720
Wet Bulb	12201635	261837	45.5	7.134	5757			34.9				720
Dew Point	4200363	145267	25.2	9.639	5757		2.3	580.9				720

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

CLINICAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION 2144 VIGGS AAF TX (EL PASO) STATION NAME 73-85 YEARS MONTH MAY

PAGE 1 3000-0203  
 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/ 82														.1	.1	.1	.1	4	4		
46/ 81														.1	.3			6	6		
47/ 79									.5	.5	.1	.3	.7	.5	.1		17	17			
47/ 77								.3	.4	.1	.3	.7	1.2	.4	.4		28	28			
46/ 75									.1	.7	.7	1.7	1.6	.7			41	41			
44/ 73							.1	.4	.5	.5	1.1	1.7	2.3	1.1	.2		60	60			
42/ 71							.7	.3	.8	.8	1.3	1.6	1.3	.8			54	54			
41/ 69							.4	.7	1.1	1.5	1.3	.5	1.6	.8			53	53			
41/ 67				.1		.1	.4	.5	1.1	1.6	1.1	2.0	.1				59	59			
40/ 65			.1		.7	.3	1.1	1.1	1.2	1.2	.7	1.5	.1				59	59			
40/ 63			.3	.1	.5	.5	1.2	.7	1.7	1.3	.0	.3					56	56			
39/ 61		.4	.5	.7	.3	.5	.3	.9	1.9	.8	.8						52	53	13	3	
39/ 59		.5	.9	.7	.7	.1	.5	.3	1.5	1.2							48	48	12	3	
38/ 57		1.1	.7	.7	.1	.3	1.1	1.3	1.2	.3							50	50	44	5	
38/ 55		.9	.3	.7	.4	1.2	1.6	1.1	.7	.7							56	56	50	14	
34/ 53		.7	.8		.5	.5	.9	1.3	.7	.3							42	42	62	32	
32/ 51		.4	.5		.1	1.2	.7	.7	.5								31	31	111	24	
30/ 49	.1	.3	.4	.7	.3	.1	.1	.1									16	16	100	24	
28/ 47			.1	.1		.1	.4	.3									8	8	82	24	
26/ 45				.1		.1											2	2	95	37	
24/ 43			.1														1	1	61	18	
22/ 41																			44	25	
20/ 39																			25	32	
18/ 37																			15	43	
16/ 35																			10	39	
14/ 33																				45	
12/ 31																				53	
10/ 29																				62	
8/ 27																				36	
6/ 25																				49	
4/ 23																				26	
2/ 21																				41	
0/ 19																				29	
12/ 17																				34	
Element (X)	Σ X'	Σ X	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																					

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





FEDERAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

2144 STATION WIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS MAY MONTH  
 PAGE 2 8100-0500 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																			
10 / 17																																							11	
11 / 16																																								3
12 / 15																																								1
TOTAL	.9	7.0	5.2	5.3	6.9	11.2	10.4	12.5	9.5	9.9	7.4	7.1	3.9	1.7	.4	.1		744																	744	744		744		
Element (.)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total																													
Rel. Hum.	1704959	31499	42.8	22.357	744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																												
Dry Bulb	2732023	44673	60.0	8.195	744			23.8	5.3	.3		93																												
Wet Bulb	1686195	35165	47.3	5.699	744							97																												
Dew Point	937640	25094	33.7	11.095	744		45.3					93																												

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



FEDERAL BUREAU OF INVESTIGATION  
 NATIONAL CLIMATOLOGY SERVICE  
 AIR FORCE WEATHER SERVICE / MAC

# PSYCHROMETRIC SUMMARY

STATION: 1655 AAF TX (EL PASO) STATION NAME: 73-87 YEARS: MONTH: MAY

PAGE 2 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3	5-6	7-8	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	
16/17																					1	
16/15																					6	
14/13																					1	
12/11																					1	
TOTAL	1	3.8	4.7	5.3	6.3	7.8	9.9	12.4	10.9	11.3	11.0	8.3	4.0	2.4	.5	.1		744		744		
																	744		744			

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s^2$	No. C.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1567200	29858	40.1	20.393	744							
Dry Bulb	3080474	47502	63.8	8.006	744			36.9	13.0	1.3		9.2
Wet Bulb	1868606	37055	49.8	5.537	744							9.2
Dew Point	1052569	26871	36.1	10.510	744		38.1					5.7

USAFETAC FORM 0-26-5 (OL A) REVISÉ PREVIOUS EDITIONS OF THIS FORM AND CASSETTE  
 MAY 64

U.S. AIR FORCE  
 METEOROLOGICAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE / MAC

# PSYCHROMETRIC SUMMARY

27 44 STATION 31565 AAF TX (EL PASO) YEARS 73-80 MONTH MAY  
 PAGE 1 0906-1100  
 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
60 / 85																.1		1	1	
61 / 85																	.1	1	1	
62 / 81														.1	.1	.1	.4	6	6	
63 / 80																.4	.3	11	11	
64 / 87														.1	.1	.4	.7	13	13	
65 / 85													.1	.3	.5	.8	1.6	33	33	
66 / 83									.1				.5	.3	.6	1.2	2.9	53	53	
67 / 81													.7	.9	1.5	2.3	2.6	70	70	
68 / 79									.1				.7	.3	1.5	1.5	4.2	73	73	
69 / 77									.1	.4			.8	.7	1.5	3.6	3.6	68	68	
70 / 75									.1	.7	.6		.8	1.3	3.0	2.6	1.0	84	84	
71 / 73						.1	.5	.3	.7	.9	.4		1.2	2.3	1.9	.4	.9	65	65	
72 / 71						.1	.7	.8	.7	.7	.9		1.5	1.7	1.1	.3		62	62	
73 / 69					.1	.4	.5	.7	.5	1.6	.5		1.1	.7				48	43	
74 / 67				.4	.7	.5	.1	.3	.3	.3	.3		1.1	.8				37	37	4
75 / 65			.1	.3	.4	.6	.1	.3	.4	.4	.3		.3	.3				22	22	5
76 / 63				.4	.1	.3	.4	.5	.8	.3	.3							21	21	16
77 / 61			.1	.1	.5	.1	.1	.5	.1	.1	.1							13	13	46
78 / 59				.4	.1	.3	.3	.3	.1	.1								12	12	69
79 / 57			.1	.4	.4	.1	.3	.4	.1	.3	.4							10	10	100
80 / 55			.7	.4	.3	.3	.1	.1		.1								12	12	101
81 / 53			.4	.3	.3													7	7	153
82 / 51		.1																1	1	130
83 / 49				.1														1	1	66
84 / 47																				42
85 / 45																				21
86 / 43																				7
87 / 41																				7
88 / 39																				31
89 / 37																				50
90 / 35																				59
91 / 33																				77
92 / 31																				71
93 / 29																				60
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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







FEDERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21944 LIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-81  
 YEARS

YEARS

MAY  
 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
27/31																					74
26/29																					43
24/27																					43
20/23																					44
24/25																					26
27/21																					42
27/19																					22
18/17																					17
16/13																					13
14/12																					9
12/11																					2
10/10																					1
TOTAL			.1	.5	.3	1.1	1.5	2.2	2.6	3.6	5.1	4.8	7.7	10.9	16.3	16.7	26.1	74.3	74.3	74.3	74.3

Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	R	e <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Rel. Hum.	375842	14395	12.4	11.317	743							
Dry Bulb	5153372	61365	82.5	7.867	743			82.9	83.0	65.1	7.4	97
Wet Bulb	2361817	41763	56.2	4.143	743			4				97
Dew Point	911760	25072	33.7	9.411	743			41.6				97

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

LOCAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 1965 AAF TX (EL PASO) 73-81 YEARS MONTH MAY

PAGE 1 150-1713  
 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																		
10/99																														.5	4	4						
11/97																														.7	5	5						
12/95																														5.2	39	39						
1/93																														7.8	58	58						
2/91																														.3	.3	7.0	56	56				
3/89																														.1	2.7	7.9	57	57				
4/87																														.3	.9	4.2	6.2	86	86			
5/85																														1.1	2.4	5.0	3.0	89	89			
6/83																														.1	.5	2.4	1.6	2.5	62	62		
7/81																														.5	.4	.1	1.7	2.4	2.2	.7	58	58
8/79																																						
9/77																																						
10/75																																						
11/73																																						
12/71																																						
1/69																																						
2/67																																						
3/65																																						
4/63																																						
5/61																																						
6/59																																						
7/57																																						
8/55																																						
9/53																																						
10/51																																						
11/49																																						
12/47																																						
1/45																																						
2/43																																						
3/41																																						
4/39																																						
5/37																																						
6/35																																						
7/33																																						
Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

FEDERAL BUREAU OF SURVEY  
 NATIONAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2044 SIGGS AAF TX (EL PASO) 73-85 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
31																					31
30																					53
29																					42
28																					46
27																					33
26																					32
25																					42
24																					27
23																					14
22																					5
21																					6
20																					4
19																					3
18																					1
17																					
16																					
15																					
14																					
13																					
12																					
11																					
10																					
9																					
8																					
7																					
6																					
5																					
4																					
3																					
2																					
1																					
TOTAL		.3	.1	.5	.3	1.6	1.3	.9	1.5	3.0	4.3	4.6	4.7	7.9	11.2	16.1	41.6	744	744	744	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	326246	12598	17.3	11.788	744	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Dry Bulb	5329306	62532	84.2	8.718	744			90.3	83.4	70.3	13.3	93
Wet Bulb	2362988	41842	56.2	3.636	744							93
Dew Point	817270	23606	31.7	2.587	744		50.0					93

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

FEDERAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27144 HIGGS AAF TX (EL PASO)  
 STATION STATION NAME

74-80  
 YEARS

MAY  
 MONTH

PAGE 1 1870-2000  
 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
91																	.5	4	4		
93																.1	2.2	16	16		
91																.1	3.2	25	25		
89																.9	3.4	33	33		
87														.5	.4	1.7	2.6	37	37		
85												.1	.7	2.2	3.4	3.0	70	70			
83										.1	.1	.5	.6	4.0	1.3	1.6	64	64			
81								.1		.1	.4	.7	1.9	3.4	2.4	1.2	76	76			
79										.1	.6	1.2	3.0	1.5	1.5	.3	70	70			
77							.1		.1	.3	.4	.3	1.1	2.7	1.6	.5	51	51			
75									.4	.5	.7	1.5	1.3	2.2	1.7		59	59			
73						.1	.5	.3	.7	.4	.6	1.9	.7	.5			45	45			
71						.1	.1	1.1	.7	1.2	.9	.7	.8	.3			40	40			
69					.3	.3	.3	.5	.5	.9	.9	.9	1.3	.4			45	45			
67					.1	.4	.1	.4	.7	.5	.4	.7	.5				25	25		2	
65			.1	.1	.4	.3	.3	.2	.3	.4	.1	.3	.4				24	24		2	
63			.1	.1	.4	.3	.1	.3	.1	.1		.5					20	20	4	4	
61		.1	.1	.4	.1	.1	.1	.3	.1	.1							15	15	23	3	
59	.1	.1	.1	.3	.1	.1		.1	.1								6	6	67	2	
57	.1	.1	.1	.3	.1		.1	.1									8	8	117	10	
55		.1	.3	.1													4	4	122	5	
53		.3	.5	.1													4	4	159	13	
51			.4														3	3	112	9	
49																			62	14	
47																			43	25	
45																			25	18	
43																			5	21	
41																			5	22	
39																				52	
37																				49	
35																				46	
33																				57	
31																				77	
29																				57	
Element (X)	Σ X <sup>2</sup>	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

REGIONAL CLIMATOLOGY BRANCH  
 WET BULB TEMPERATURE DEPRESSION (F)  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 STATION 21655 AAF TX (EL PASO) STATION NAME 73-80 YEARS MAY MONTH

PAGE 7 1800-2010 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7/27																					47
7/25																					6
7/23																					27
7/21																					37
7/19																					55
7/17																					44
7/15																					16
7/13																					11
7/11																					11
7/9																					6
7/7																					5
TOTAL		1.2	1.1	2.2	1.3	1.1	2.7	4.3	2.2	4.8	4.2	7.7	9.0	13.7	15.3	11.7	17.7	744	744		744
																		744	744		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature					Total									
Rel. Hum.	528901	16585	22.3	17.176	744		≤ 0 F	≤ 32 F	≥ 6 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb	4579603	56907	76.5	8.764	744				67.5	68.2	45.4	2.5	47								
Wet Bulb	2179250	40152	54.0	4.075	744				3				27								
Dew Point	629026	23458	31.5	0.970	744			52.0					67								

USAFETAC FORM 0-20-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 BIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-66  
 YEARS

MAY  
 MONTH

PAGE 1 2100-2300  
 HOURS (L. S. T.)

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

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
85																	.1	1	1	
87																	1.1	5	8	
85														.1	.4		.7	9	9	
83												.1	.1	.1	.8	.3	.8	17	17	
81											.3	.1	.5	.9	1.5	.4	.5	32	32	
79									.4	.1	.3	.7	3.2	.8	1.2			50	50	
77								.2	.4		1.7	1.7	2.6	1.7				63	63	
75						.1	.3	.1	.3	.9	2.3	2.3	1.7	1.6				72	72	
73					.1		.4	.3	.7	1.9	1.7	1.2	.9					54	54	
71					.1	.4	1.1	.5	1.9	1.3	1.6	.9						56	56	
69				.2	.4	.7	.5	.4	1.6	2.4	1.6	1.1						67	67	
67		.1	.1	.7	.5	1.3	.7	1.2	1.1	2.3	.1	.1						62	62	
65			.1	.5	.6	.7	.9	.7	1.5	1.5	.4							51	51	
63		.4	.9	.7	.4	.1	1.1	.4	.8	.7	1.2	.2						50	50	4
61		.4	.7	.4	.1	.4	.4	.7	.5	.5	.9	.9						47	47	19
59		.4	.1	.5	.3	.5	1.1	.8	.0	.1								31	31	20
57		.3	.5	.3	.3	.5	.7	.4	.1									36	36	61
55	.1	.3	.4	.1			.7	.4	.3									17	17	80
53	.1	.3	.5	.1			.1											9	9	121
51	.1	.3	.5	.1			.1											9	9	125
49		.3																2	2	112
47																				74
45																				59
43																				37
41																				17
39																				12
37																				2
35																				
33																				
31																				
29																				
27																				
25																				
23																				
Element (X)	Zx'	Zx	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																				



FEDERAL CLIMATOLOGICAL SERVICE  
 WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION 3605 EAST TX (EL PASO) 73-80 MAY  
 STATION NAME YEARS MONTH

PAGE 1 2301-2301  
 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
27/21																				1	
27/11																				1	
27/17																				3	
27/15																				3	
27/12																				6	
27/11																				6	
27/9																				4	
27/5																				2	
17/1	.1	1.9	3.1	3.5	2.7	2.8	4.0	7.7	7.6	9.4	11.2	12.9	10.0	10.6	7.4	1.9	3.2		743	743	743
																	743		743		

Element (X)	Σx'	Σx	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
rel. Hum.	22232	22232	29.9	12.807	743							
Dry Bulb	3687975	51908	70.0	8.157	743			61.5	38.3	12.0		93
Wet Bulb	1967205	58061	51.2	4.555	743							67
Dew Point	895243	24294	32.7	11.657	743		49.7					97

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

FEDERAL BUREAU OF SURVEY  
 NATIONAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C. 20540  
 AIR WEATHER SERVICE/MAL

# PSYCHROMETRIC SUMMARY

2 44 1985 MAY 19 (EL PASO) 73-86 YEARS MAY  
 STATION STATION NAME 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							
99																	.1	5	5									
97																	.2	12	12									
95																.0	.9	58	58									
93																.1	1.8	112	112									
91														.0	.0	.1	.2	2.0	134	134								
89														.0	.1	.2	.8	2.1	186	186								
87														.0	.1	.5	1.3	1.7	215	215								
85														.0	.1	.2	.5	1.2	1.7	296	296							
83														.0	.1	.4	.5	1.5	.7	1.0	286	286						
81														.0	.1	.3	.4	1.1	1.6	.5	315	315						
79														.0	.1	.3	.5	.6	2.3	1.0	.5	348	348					
77														.0	.1	.2	.3	.5	1.2	1.8	.0	.1	335	335				
75														.0	.1	.2	.3	.4	.7	1.3	1.3	1.2	.6	358	358			
73														.0	.1	.2	.3	.4	.8	1.1	1.5	.5	.2	326	326			
71														.0	.1	.3	.4	.5	.9	1.1	1.1	1.1	.3	344	344			
69														.0	.1	.3	.4	.6	1.1	1.2	1.2	.8	.1	323	323			
67														.0	.1	.2	.3	.7	.7	.9	.9	1.3	.1	.0	322	322	4	
65														.0	.1	.2	.3	.6	.7	.9	.6	.5	.0	.0	293	293	2	
63														.0	.1	.2	.3	.6	.6	.6	.2	.0	.0	.0	275	275	66	
61														.0	.1	.2	.3	.5	.4	.4	.0	.0	.0	.0	252	252	266	7
59														.0	.1	.2	.3	.4	.4	.2	.0	.0	.0	.0	231	231	444	26
57														.0	.1	.2	.3	.4	.4	.2	.0	.0	.0	.0	217	217	647	46
55														.0	.1	.2	.3	.5	.2	.7	.5	.5	.3	.2	216	216	730	96
53														.0	.1	.2	.3	.3	.3	.3	.1	.0	.0	.0	138	138	1	105
51														.0	.1	.2	.3	.4	.2	.1	.5	.4	.1	.0	125	125		146
49														.0	.1	.2	.3	.2	.1	.2	.2	.1	.0	.0	76	76		208
47														.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	46	46	4	206
45														.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	25	25	367	249
43														.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	13	13	237	212
41														.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	3	3	182	222
39														.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	3	3	97	262
37														.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	57	411
35														.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			25	392
33														.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			9	480
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		s <sub>x</sub>		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 0-26-5 (OLA) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 USAFETAC



FEDERAL CLIMATOLOGY BRANCH  
 WEATHER SERVICE/PAC

# PSYCHROMETRIC SUMMARY

STATION 44 1265 AAF TX (EL PASO) STATION NAME

73-80 YEARS

JUN MONTH

PAGE 1 0000-0245 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																
67/93																		.1	1	1																	
67/91																		.4	3	3																	
67/89																		1.0	7	7																	
67/87																		1.1	19	19																	
67/85																		.4	22	22																	
67/83																		.7	27	27																	
67/81																		.4	24	34																	
67/79																		.6	53	53																	
67/77																		.3	62	62																	
67/75																		.7	68	68																	
67/73																		.4	71	71																	
67/71																		.7	67	67																	
67/69																		.3	70	79																	
67/67																		.4	51	51																	
67/65																		.3	42	42	3	1															
67/63																		.4	35	35	9	2															
67/61																		.3	34	34	71	4															
67/59																		.4	15	15	70	5															
67/57																		.3	25	25	111	12															
67/55																		.4	6	6	140	24															
67/53																		.1	3	3	89	25															
67/51																		.3	1	1	91	41															
67/49																		.4			62	38															
67/47																		.1			46	46															
67/45																		.3			31	26															
67/43																		.4			17	41															
67/41																		.7			11	30															
67/39																		.4			9	26															
67/37																		.3			5	24															
67/35																		.4				20															
67/33																		.1				27															
67/31																		.3				42															
67/29																		.4				22															
Element (X)	Σ X <sup>2</sup>	Σ X	X̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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













FEDERAL BUREAU OF SURVEY  
 METEOROLOGICAL BRANCH  
 METEOROLOGICAL SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION: 2104 I. S. O. AAF TY (EL PASO) STATION NAME: 73-07 YEARS: MONTH: JULY  
 PAGE 1 5955-11C 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
14/102																	.2	2	2	
12/101																	1.7	9	9	
11/99																	1.9	14	14	
03/97																	.1	3.3	25	25
05/95																	1.4	5.6	50	50
04/93												.1	.7	.7	.6	.3	3.3	39	39	
01/91											.1	.1	.3	1.1	1.4	1.3	3.9	63	63	
01/89											.1	1.0	1.5	1.4	1.3	2.9	2.2	75	75	
08/87											.7	1.5	1.4	1.7	1.4	1.7	1.0	67	67	
06/85											.2	.4	1.1	1.2	1.5	1.4	.7	68	68	
04/83											.1	.4	1.0	1.2	1.5	.7	.4	75	75	
01/81											.1	1.1	1.4	1.3	1.4	.7	.1	67	67	
01/79											.1	1.1	1.3	1.5	1.5	1.7	.4	66	66	
07/77								.1	.1	.6	1.2	.6	.4	1.1	.1	.1	.2	32	32	
07/75								.1	.7	.6	.7	.8	.1	.4	.1			25	25	
04/73						.3	.3	.4	.1	.3	.4	.1						14	14	
02/71				.1	.1	.3	.5	.1	.1	.1	.1							12	12	
01/69				.1	.4	.4	.3		.1									12	12	
01/67				.1	.3	.1												3	3	
00/65				.1	.1													2	2	
04/63			.1	.1														2	2	
01/61																			135	8
01/59																			128	2
01/57																			111	21
03/55																			3	43
04/53																			29	42
01/51																			20	1
01/49																			14	55
01/47																			4	45
01/45																				35
04/43																				14
02/41																				32
01/39																				38
01/37																				58
Element (X)	ΣX <sup>2</sup>	ΣX	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ
Rel Hum.																				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

LOCAL CLIMATOLOGY BRANCH  
AFETAC  
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

2004 ETOCO AAF TX (LL PASO) 73-80 JUN MONTH  
STATION STATION NAME YEARS

PAGE 2 0900-1115 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
35																				36	
34																				28	
33																				37	
32																				24	
31																				12	
30																				16	
29																				7	
28																				1	
27																				1	
26																				5	
25																				1	
24																				3	
23																				1	
22																				1	
21																				5	
20																				1	
19																				1	
18																				3	
17																				1	
16																				1	
15																				1	
14																				1	
13																				1	
12																				1	
11																				1	
10																				1	
9																				1	
8																				1	
7																				1	
6																				1	
5																				1	
4																				1	
3																				1	
2																				1	
1																				1	
0																				1	
TOTAL		.1	.7	.6	1.3	1.4	1.4	3.2	5.0	8.0	10.0	10.0	10.0	10.0	11.0	11.0	11.0	11.0	11.0	720	
																				720	720

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel Hum.	617275	12434	25.614	245	720							
Dry Bulb	5364253	61925	86.0	7.296	720			59.5	86.4	74.1	17.0	720
Wet Bulb	2706451	44547	61.9	4.754	720			6.8				720
Dew Point	1440332	51322	43.5	10.398	720		14.4					720

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 1963 AAF TX (EL PASO) 73-80 YEARS MONTH  
STATION STATION NAME PAGES 1 1230-1460  
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														
11 / 109																															.1	1	1		
11 / 107																															1.3	9	9		
11 / 105																															3.6	26	26		
11 / 102																															4.7	31	31		
11 / 101																															7.7	55	55		
11 / 99																															9.2	66	66		
11 / 97																	.1	.1	.6	10.2	79	79													
11 / 95																.4	.4	.7	11.8	8.5	52	52													
11 / 93																.8	1.5	2.1	7.5	89	89	89													
11 / 91																.7	.4	1.1	2.1	1.5	4.7	73	73												
11 / 89																.1	.4	.6	1.4	1.7	1.6	2.4	59	59											
11 / 87																.1	.3	.6	1.1	.6	1.4	.7	39	39											
11 / 85																.4	.7	.3	.8	.6	1.4	.4	35	35											
11 / 83																.1	.6	.7	.6	.6	.1	.3	27	27											
11 / 81																.3	.6	.6	.3	.4	.3	.1	22	22											
11 / 79																.1	.1	.1	.1	.1	.1	.1	9	9											
11 / 77																.3	.3	.3	.1	.1	.1	.1	5	5											
11 / 75																.1	.1	.1	.1	.1	.1	.1	3	3											
11 / 73																.1	.1	.1	.1	.1	.1	.1	1	1											
11 / 71																.7	.1	.1	.1	.1	.1	.1	3	3											
11 / 69																.1	.1	.1	.1	.1	.1	.1	1	1											
11 / 67																.1	.1	.1	.1	.1	.1	.1	2	2											
11 / 65																.1	.1	.1	.1	.1	.1	.1													
11 / 63																.1	.1	.1	.1	.1	.1	.1													
11 / 61																.1	.1	.1	.1	.1	.1	.1													
11 / 59																.1	.1	.1	.1	.1	.1	.1													
11 / 57																.1	.1	.1	.1	.1	.1	.1													
11 / 55																.1	.1	.1	.1	.1	.1	.1													
11 / 53																.1	.1	.1	.1	.1	.1	.1													
11 / 51																.1	.1	.1	.1	.1	.1	.1													
11 / 49																.1	.1	.1	.1	.1	.1	.1													
11 / 47																.1	.1	.1	.1	.1	.1	.1													
11 / 45																.1	.1	.1	.1	.1	.1	.1													
11 / 43																.1	.1	.1	.1	.1	.1	.1													
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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



NATIONAL CLIMATOLOGY BRANCH  
 AFSTAC  
 AIR WEATHER SERVICE/MAL

**PSYCHROMETRIC SUMMARY**

27044 HUGS AAF TX (EL PASO) STATION

73-80 YEARS

JUL  
 MONTH

PAGE 1

1970-1980  
 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
11/109																	1.0	7	7		
10/107																	2.9	21	21		
9/105																	5.2	38	38		
8/103																	8.2	59	59		
7/101																	9.3	67	67		
6/99																.6	11.0	83	83		
5/97																.1	11.0	80	80		
4/95														.1	.4	.4	9.9	78	78		
3/93														.4	.2	1.3	7.5	75	75		
2/91												.1	.1	.6	1.7	.7	5.1	60	60		
1/89											.4	.1	1.4	1.4	2.4	1.2	5.6	56	56		
8/87										.6	.3	.7	.3	.6	1.4	1.0	3.4	34	34		
6/85									.1	.6	.1	.3	.6	.6	.8	.1	2.3	23	23		
4/83									.1	.1	.1	.3	.6	.4	.7		1.4	14	14		
2/81									.4			.1						4	4		
1/79																		4	4		
7/77								.1										1	1		
6/75								.1		.1	.1							3	3		
4/73					.1			.1	.1									3	3		
2/71				.1	.1			.1										5	5		
1/69				.1	.1	.1		.1										4	4	10	
8/67																				50	
5/65																				124	
4/63																				179	
2/61																				154	
1/59																				121	
8/57																				57	
5/55																				10	
4/53																				6	
2/51																				16	
1/49																				9	
8/47																				25	
4/45																				25	
2/43																				47	
1/41																				58	
Element (X)	ΣX'	ΣX	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIP WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION BIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS JUN 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															
108/107																	.6	4	4																	
106/105																	1.7	12	12																	
104/102																	1.9	14	14																	
102/101																	4.2	30	30																	
100/99																	4.7	34	34																	
98/97																.1	7.9	58	58																	
96/95															.1	.4	9.0	69	69																	
94/93															.6	.6	7.8	64	64																	
92/91														.1	.8	3.2	6.7	78	78																	
90/89													.7	.8	1.9	2.2	5.1	76	78																	
88/87										.4	.8	.3	1.9	1.1	2.1	1.9	57	57																		
86/85									.1	.6	1.0	1.4	1.0	1.7	1.7	1.0	60	60																		
84/83								.1	.3	.6	1.0	.7	1.1	1.1	.6	.1	40	40																		
82/81								.1	.1	.3	1.0	.5	.8	.6	.3	.1	32	32																		
80/79								.1	.6	.4	.3	.8	.7	.3			23	23																		
78/77						.3		.1	.4	.3		.4	.3	.7			18	13																		
76/75					.1	.1		.4	.1		.4	.1	.1	.1			11	11																		
74/73				.1	.1	.1	.3	.3			.3	.1	.4	.1			14	14																		
72/71					.1	.3	.4	.1									7	7	1																	
70/69		.1		.1	.1	.4											6	6	2																	
68/67		.1		.3													3	3	21	1																
66/65		.1	.6	.1													6	6	53	2																
64/63				.1													1	1	140	5																
62/61				.1													1	1	157	4																
60/59																			139	8																
58/57																			95	8																
56/55																			65	15																
54/53																			32	27																
52/51																				10	23															
50/49																			5		17															
48/47																					23															
46/45																					43															
44/43																					33															
42/41																					53															
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 HIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

YEARS

JUN  
 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
97/ 97																	.3	6	6		
95/ 95																	1.3	9	9		
94/ 93																.1	4.0	31	31		
92/ 91															.1	.7	3.8	39	39		
90/ 89													.1	.3	1.9	1.5	3.1	50	50		
88/ 87													.3	.7	.6	1.8	2.5	44	44		
86/ 85												.4	.3	.1	.6	1.4	1.5	55	55		
84/ 83												.4	.3	.1	1.0	1.4	1.8	61	81		
82/ 81											.3	.3	.8	1.4	1.9	1.9	1.7	74	74		
80/ 79											.2	1.4	1.4	1.1	.4	1.3	3.5	73	73		
78/ 77								.4	.7	1.3	1.3	.7	1.3	.7	1.1	.3	.1	56	56		
76/ 75					.1	.1	.4	.4	.8	1.4	.7	.8	.7	1.4	.6	.1		52	52		
74/ 73					.3	.1	1.4	.6	.1	.3	.9	1.4	1.1	.1				45	45		
72/ 71				.1	.1	.4	.6	.1	.3	.7	.3	.3	.1					21	21		
70/ 69			.1	.1	.3	.3		.1	1.1	.4	.4	.3						27	27		
68/ 67			.1	.3	.3	.3		.1	.3	.1	.3	.3						13	13	9	
66/ 65	.1		.1	.3	.1	.1		.1	.6	.1	.3	.1						17	17	25 3	
64/ 63	.3	.1		.6	.1			.3	.1	.3	.1	.3						13	13	63 4	
62/ 61	.1	.4	.3						.3									8	8	116 6	
60/ 59		.3							.1									3	3	136 13	
58/ 57		.3																2	2	103 19	
56/ 55																				90 34	
54/ 53																				80 34	
52/ 51																				56 25	
50/ 49																				22 40	
48/ 47																				10 27	
46/ 45																				6 39	
44/ 43																				3 33	
42/ 41																					27
40/ 39																					43
38/ 37																					47
36/ 35																					67
34/ 33																					36
32/ 31																					60
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (01-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUN 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 ATR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 BIGGS AAF TX (F) PASO 73-80  
 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		
30/ 29																						43	
26/ 27																						26	
26/ 25																						23	
24/ 23																						18	
22/ 21																						21	
25/ 19																						9	
18/ 17																						6	
16/ 15																						7	
14/ 13																						3	
12/ 11																						3	
8/ 7																						2	
7/ 1																						1	
TOTAL	.0	1.1	.7	1.7	1.3	1.7	2.9	3.0	6.0	7.0	7.8	8.8	9.7	11.3	9.6	7.9	18.5	719	719	719	719		

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	728592	19128	20.6	17.493	719							
Dry Bulb	4740334	58096	80.8	8.014	719			84.6	77.0	55.0	5.8	90
Wet Bulb	2413056	41528	57.8	4.491	719			1.1				90
Dew Point	1195192	26136	39.1	1.452	719		27.8					90

2494  
 USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23044 BIGGS AAF TX (EL PASO) 73-80  
 STATION STATION NAME YEARS 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						
110/139																		.1	8	8						
108/107																		.6	34	34						
106/105																		1.3	76	76						
104/103																		1.8	106	106						
102/101																		2.8	161	161						
100/99																	.1	3.4	197	197						
98/97															.0	.0	.1	4.2	248	248						
96/95															.1	.2	.5	4.3	289	289						
94/93														.1	.2	.5	.6	3.9	302	302						
92/91														.0	.1	.1	.4	.9	1.0	3.2	323	323				
90/89															.2	.2	.4	.7	1.1	1.6	2.1	351	351			
88/87															.2	.4	.5	.6	.7	1.3	1.0	275	275			
86/85												.0	.0	.2	.3	.6	.6	.7	1.0	1.0	.5	286	286			
84/83											.0	.1	.2	.6	.6	.8	1.2	1.1	.4	.3	.3	308	308			
82/81											.2	.3	.5	.7	.8	.9	1.1	.8	.2	.1	.1	317	317			
80/79							.1	.1	.4	.5	.7	.8	.6	.6	1.2	1.2	.3	.2	.0	.0	.0	333	333			
78/77						.1	.1	.4	.5	.7	.5	.9	.6	.5	.5	.2	.2	.2	.2	.2	.2	268	268			
76/75					.1	.1	.3	.7	.8	.6	.9	.8	.8	.3	.1	.0						314	314			
74/73				.0	.2	.2	.5	.7	.6	.4	.6	.7	.6	.1	.0							266	266			
72/71			.0	.1	.4	.4	.7	.7	.4	.8	.5	.4	.2	.1	.0							271	271	4		
70/69		.0	.1	.3	.4	.7	.6	.4	.4	.7	.4	.2	.1									253	253	38		
68/67		.1	.1	.3	.3	.4	.4	.2	.6	.3	.3	.2	.0									190	190	190	4	
66/65	.0	.1	.2	.2	.9	.7	.4	.4	.4	.2	.3	.1										165	165	493	11	
64/63	.1	.1	.3	.5	.2	.2	.2	.2	.2	.2	.2	.0										140	140	785	36	
62/61	.0	.2	.2	.1	.2	.1	.1	.3	.3	.2	.1											109	109	890	49	
60/59	.0	.2	.2	.1	.1	.2	.4	.1	.1	.1	.0											80	80	901	109	
58/57	.0	.2	.1	.0	.0	.1	.2	.1	.2	.0												50	50	737	178	
56/55		.1			.0	.1	.0	.1	.0	.1												17	17	564	213	
54/53					.0	.0	.0	.0	.0	.0												6	6	415	280	
52/51			.0		.0	.0	.1	.0	.0	.0												6	6	290	276	
50/49					.1																	3	3	192	294	
48/47																									111	246
46/45																									67	374
44/43																									43	290
Element (X)	Σx'	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	Total														
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 EIGGS AAF TX (EL PASO) STATION STATION NAME

73-80 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	Dew Point															
94/ 93																.1		1	1																	
92/ 91																	.1	1	1																	
90/ 89																.1		1	1																	
88/ 87											.1			.4	.1	.1	.1	7	7																	
86/ 85										.5	.3	.4	.8	.1	.1			17	17																	
84/ 83								.3	.4	.9	2.6	1.1	1.3		.3		51	51																		
82/ 81						.3		.3	.8	2.2	3.0	1.2	.9	.7	.1		70	70																		
80/ 79					.1			1.2	1.6	3.2	1.9	1.3	.2	.1			77	77																		
78/ 77					.3	1.2	2.3	3.0	1.3	.3	.7	.1	.1				69	69																		
76/ 75			.1	.1	.5	1.9	2.3	2.8	1.6	.1	.4	.1					75	75																		
74/ 73			.3	.9	2.2	2.7	3.1	1.1	.3	.3	.1						81	81																		
72/ 71		.1	1.3	.9	4.8	3.1	1.2	.3	.1								89	89																		
70/ 69		.5	3.1	4.2	2.7	1.3	.5	.1	.5								97	97	9	4																
68/ 67	.3	1.5	4.2	1.9	.7	.4	.1										67	67	49	15																
66/ 65		1.7	1.6	.5													29	29	121	23																
64/ 63	.3	.4		.1	.1												7	7	238	71																
62/ 61	.4	.1		.1													5	5	185	86																
60/ 59																			63	84																
58/ 57																			47	81																
56/ 55																			23	65																
54/ 53																			3	54																
52/ 51																			1	62																
50/ 49																				45																
48/ 47																				42																
46/ 45																				11																
44/ 43																				21																
42/ 41																				14																
40/ 39																				15																
36/ 37																				17																
36/ 35																				6																
34/ 33																				3																
30/ 29																				3																
28/ 27																				2																
Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	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																																				

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27044 CIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

JULI  
 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
90/ 89															.1			1	1		
88/ 87															.1	.1	.1	3	3		
86/ 85															.1			1	1		
84/ 83														.1	.3			4	4		
82/ 81													.3	.4	1.2	.3	.1	17	17		
80/ 79					.1			.1	.3	1.1	1.7	.9	.4	.3			27	37			
78/ 77				.1	.1		.9	1.5	1.6	1.7	.5	.9		.1			57	57			
76/ 75			.1	.3	.1	1.1	2.2	2.8	2.3	.7	1.2	.7	.1				84	84			
74/ 73			.1	.3	1.3	1.5	3.8	1.9	1.1	.5	.7		.1				84	84			
72/ 71		.3	.8	1.3	4.2	2.4	.9	.7	.5	.5	.3						89	89		3	
70/ 69		.5	2.4	4.4	4.2	2.6	.5	.5	.3	.3							117	117	6	1	
68/ 67	.4	1.6	4.3	5.1	2.2	.8	.4	.3		.1							111	111	29	16	
66/ 65		3.5	4.6	2.6	.4	.4	.5	.3									91	92	85	28	
64/ 63	.1	2.6	1.7	.4													36	36	203	62	
62/ 61	.5	.1	.5	.1													10	10	205	98	
60/ 59				.1													1	1	114	93	
58/ 57																			40	105	
56/ 55																			29	86	
54/ 53																			22	54	
52/ 51																			5	52	
50/ 49																			2	36	
48/ 47																				26	
46/ 45																				19	
44/ 43																				14	
42/ 41																				16	
40/ 39																				13	
38/ 37																				19	
36/ 35																				1	
34/ 33																				1	
28/ 27																				2	
26/ 25																				1	
TOTAL	1.1	8.6	14.4	14.5	12.7	8.7	9.4	8.2	7.7	6.1	4.8	2.3	.8	.8	.1	.1		743	744	743	
Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	3108551	45663	61.5	20.185	743	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3796652	53018	71.3	4.997	744			75.6	36.0	5.6		93									
Wet Bulb	2843115	45897	61.8	3.271	743			4.8				93									
Dew Point	2345309	41403	55.7	7.172	743			.4	2.1			93									

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



SIGNAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25944 RIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

JUL  
 MONTH

PAGE 1 0600-0800  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																	.1	1	1		
90/ 87											.1	.1	.5	.1	.4	.1	.1	11	11		
86/ 85								.1	.1	.4	.9	.5	.3	.4			.1	22	22		
84/ 83							.1	.1	.8	.7	1.6	.5	.1	.9	.1	.1		35	35		
82/ 81						.1		.8	.7	1.7	1.5	.1	.4	.1	.1			42	42		
80/ 77					.3	.1	.5	2.0	3.0	2.2	1.1	.5	.3	.1				73	73		
78/ 77				.3	.3	.5	1.5	2.2	1.7	.9	.5	.4	.1					61	61		
76/ 75			.3	.3	.3	2.3	3.5	3.2	1.5	.5	.1		.1					88	88		
74/ 73			.1	1.1	3.2	4.3	3.0	1.9		.4	.4							107	107		
72/ 71		.4	.7	1.3	4.7	1.3	.8	.5	.1	.4	.1							78	78		
70/ 69		.9	1.1	6.0	2.6	1.1		.4										90	90	21	
68/ 67	.1	2.2	3.5	2.0	1.3	.4	.1	.1	.1									74	74	60	10
66/ 65		2.0	2.7	.3	.4	.3	.3											44	44	151	30
64/ 63	.3	.5	.8															12	12	243	65
62/ 61	.4	.1	.1	.1														6	6	142	90
60/ 59																				68	136
58/ 57																				26	88
56/ 55																				22	86
54/ 53																				6	64
52/ 51																				3	45
50/ 49																					36
48/ 47																					18
46/ 45																					14
44/ 43																					10
42/ 41																					7
40/ 39																					19
38/ 37																					9
36/ 35																					1
34/ 33																					1
32/ 31																					3
30/ 29																					2
28/ 27																					1
TOTAL	.3	6.2	9.0	11.2	12.8	10.5	9.8	11.3	8.1	7.0	5.9	2.7	2.2	1.1	1.1	.3	.3	785	744	744	744
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	2723890	42620	57.3	19.496	744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	4115614	55170	74.7	5.752	744			85.7	55.0	19.8		93									
Wet Bulb	2969243	46945	63.1	3.092	744			10.4				93									
Dew Point	2399360	41938	56.4	6.901	744			.8	2.4			93									

497  
 USAFETAC  
 FORM 0-26-5 (OL A)  
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

22844 PIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

JUL  
 MONTH

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

USAFETAC FORM 44 0-26-5 (OLA) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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
102/101																	.1	1	1		
100/99																	.7	5	5		
98/97																.3	.4	5	5		
96/95															.1	.4	2.2	1.1	26	28	
94/93												.1	.4	1.9	1.5	1.1	1.2	43	43		
92/91											.1	.9	1.5	3.0	1.3	.4	.7	59	59		
90/89												1.7	1.9	4.2	1.9	1.1	.9	.1	88	88	
88/87											.3	.8	2.7	3.6	2.2	.1			72	72	
86/85							.1	.7	2.3	3.6	3.0	.4	.1	.3					78	78	
84/83							.1	.9	2.9	3.0	2.6	.4	.1	.1					75	75	
82/81						.3	.9	3.8	3.5	2.4	.3			.1					84	84	
80/79					.1	.4	1.3	4.3	1.3	.5									60	60	
78/77					.4	1.1	3.6	1.2	.7										52	52	
76/75			.1	.1	1.2	2.3	.4	.7											40	40	
74/73			.3	.5	1.2	1.5	.1												27	27	3
72/71			.4	.4	.5														10	10	13
70/69	.1	.1	.4	.7															10	10	95
68/67		.3	.5	.1															7	7	195
66/65																					275
64/63																					109
62/61																					41
60/59																					10
58/57																					3
56/55																					
54/53																					
52/51																					
50/49																					
48/47																					
46/45																					
44/43																					
42/41																					
40/39																					
38/37																					
36/35																					
Element (X)	ΣX <sup>2</sup>	ΣX	X	σ <sub>x</sub>	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																					



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 BIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

JUL  
 MONTH

PAGE 1 1200-1400  
 HOURS (L. S. T.)

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

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																	.7	5	5		
106/105																	.5	4	4		
104/103																	1.6	12	12		
102/101																	4.7	30	30		
100/99																.4	5.6	50	50		
98/97															.3	1.6	7.0	79	79		
96/95															1.9	3.2	4.8	92	92		
94/93													.4	2.0	3.9	3.2	2.3	94	94		
92/91												.1	.9	3.0	4.3	1.2	.1	.1	73	73	
90/89												.6	1.5	2.7	.9		.3	67	67		
88/87											.3	.9	5.0	1.9	.9	.3	.1	68	68		
86/85										.1	.5	3.1	2.0	.4	.3			48	48		
84/83								.1	1.1	1.2	1.1	.8	.5					36	36		
82/81							.1	.8	1.2	1.3	.9							30	30		
80/79						.1	1.5	.8	.4	.1								22	22		
78/77					.3	.5	.8	.4	.1									10	10		
76/75				.1	.1	.4	.3											7	7		
74/73			.3	.1	.7	.4												8	8	1	
72/71			.3	.3	.4													5	5	28	
70/69	.1	.3	.1															4	4	127	
68/67																				268	
66/65																				234	
64/63																				67	
62/61																				18	
60/59																				1	
58/57																				78	
56/55																				93	
54/53																				87	
52/51																				72	
50/49																				74	
48/47																				82	
46/45																				62	
44/43																				48	
42/41																				22	
																				19	
Element (X)	Zx'	Zx	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																					









GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27044 BIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

JUL  
 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		
106/107																	.4	3	3				
106/105																	.5	4	4				
104/103																	.5	4	4				
102/101																	1.9	14	14				
100/99																	3.6	27	27				
98/97																.1	4.6	37	37				
96/95															.3	.4	3.0	6.7	77	77			
94/93															.1	1.3	2.6	3.1	57	57			
92/91													.1	.7	2.6	3.1	2.0	.9	70	70			
90/89												.3	.4	1.2	2.3	2.3	2.6	.7	.1	73	73		
88/87												.4	.9	1.9	2.0	.7	.5	.1		49	49		
86/85							.1	.1	.3	.9	2.0	2.4	.4	.1						48	48		
84/83								.1	1.3	1.5	1.9	1.3	.1	.1						48	48		
82/81								.3	.3	.9	1.6	2.0	.5	.1						43	43		
80/79								.4	1.2	2.2	1.7	.3	.1	.1						45	45		
78/77					.4			.9	1.5	1.7	.9									40	40		
76/75				.3	.7	1.5		1.1	.9											33	33	1	
74/73			.4	.4	1.2	.7	.4	.3												25	25	1	
72/71		.1	.3	1.1	1.2	.3	.3													24	25	4	1
70/69		.3	.7	.7	.3															14	14	48	2
68/67	.1	.3	.4																	6	6	114	9
66/65																						246	18
64/63	.3																			2	2	227	38
62/61																						81	38
60/59																						18	57
58/57																						3	60
56/55																							61
54/53																							61
52/51																							64
50/49																							52
48/47																							58
46/45																							73
44/43																							48
42/41																							42
Element (X)	Σx <sup>2</sup>	Σx	X	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F												
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27044 SIGGS AAF TX (EL PASO) 73-80 JUL  
STATION STATION NAME YEARS 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										
98/ 97																	.1	1	1												
96/ 95																	.5	4	4												
94/ 93																	.5	5	5												
92/ 91																.4	.9	.8	20	20											
90/ 89																.3	.3	1.9	2.3	.9	.4	45	45								
88/ 87																.1	.7	1.3	2.3	1.9	1.6	1.2	.1	69	69						
86/ 85																.1	.1	.5	.7	2.7	1.9	1.3	.8	61	61						
84/ 83																.1	.1	1.1	1.2	2.6	2.8	1.2	.9	.3	.1	78	78				
82/ 81																	.7	.9	3.2	2.0	.4	.4	.4				60	60			
80/ 79																	.8	2.4	3.4	1.9	1.1	.3	.4				77	77			
78/ 77																	.7	2.6	1.6	2.4	.3	.3					60	60			
76/ 75																	.3	.7	2.6	2.6	1.7	.3	.3				62	62			
74/ 73																	.4	.4	1.9	3.0	2.8	.4					67	67	1		
72/ 71																	.8	.5	1.7	3.8	1.2	.5	.3				66	66	4		
70/ 69																	.1	.4	1.6	2.4	1.5	.1					46	46	25	8	
68/ 67																		1.9	2.4	.1								15	15	66	11
66/ 65																		.4	.3									5	5	149	15
64/ 63																														260	44
62/ 61																		.4										3	3	145	66
60/ 59																														60	96
58/ 57																														23	65
56/ 55																														11	70
54/ 53																															66
52/ 51																															63
50/ 49																															58
48/ 47																															41
46/ 45																															31
44/ 43																															28
42/ 41																															24
40/ 39																															16
38/ 37																															17
36/ 35																															13
34/ 33																															6
30/ 29																															2
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																			
Dry Bulb																															
Wet Bulb																															
Dew Point																															

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

GLOPAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

22044 STATION RIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS        MONTH         
 PAGE 2 2130-2300  
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															
28/ 27																						1														
24/ 23																						1														
22/ 21																						2														
TOTAL	1.5	1.6	4.7	4.8	8.1	7.5	9.4	7.4	8.2	7.5	7.4	8.1	6.5	6.9	6.0	3.1	2.3		744			744														
																		744			744															

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1788995	34237	44.720	234	744							
Dry Bulb	4762463	59311	79.7	6.789	744			92.0	76.1	48.6	1.3	93
Wet Bulb	3009211	47271	63.5	2.791	744			12.0	.1			93
Dew Point	2175957	39775	53.5	8.186	744			.8	2.4			93

2502  
 USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2004 BIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

JUL  
 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
112/111																		.0	1	1	
110/109																		.1	6	6	
108/107																		.3	17	17	
106/105																		.3	20	20	
104/103																		.6	38	38	
102/101																		.0	1.5	90	90
100/ 99																.1	.2	2.4	164	164	
98/ 97															.6	.4	2.8	221	221		
96/ 95													.0	.3	.4	1.8	1.8	285	285		
94/ 93												.1	.4	1.0	1.3	.9	.7	266	266		
92/ 91											.0	.3	.9	1.6	1.0	.5	.4	281	281		
90/ 89										.1	.6	1.2	1.4	1.0	.8	.4	.1	331	331		
88/ 87									.1	.4	1.4	1.2	1.1	.5	.4	.2	.0	313	313		
86/ 85							.3	.1	.3	1.2	1.3	1.3	.5	.3	.2	.0	.0	313	313		
84/ 83						.1	.1	.4	1.1	1.1	1.4	1.0	.4	.4	.1	.1		353	353		
82/ 81					.1	.2	1.2	1.4	1.6	1.1	.3	.3	.2	.0				377	377		
80/ 79				.1	.2	.0	1.8	1.6	1.3	.7	.3	.2	.0					413	413		
78/ 77			.0	.3	.6	1.6	1.4	1.3	.9	.2	.3	.0	.0					372	372		
76/ 75		.1	.2	.9	1.6	1.6	1.5	.7	.2	.2	.1	.0						402	402	1	
74/ 73		.2	.5	1.5	1.7	1.7	.7	.2	.2	.2	.0							407	407	6	
72/ 71		.2	.5	.9	2.5	1.1	.5	.2	.1	.1	.1							364	365	80	
70/ 69	.0	.4	1.2	2.4	1.4	.6	.1	.1	.1	.0								384	384	431	
68/ 67	.1	.7	1.2	1.1	.9	.2	.1	.1	.0	.0								280	280	1021	
66/ 65	1.0	1.1	.4	.1	.1	.1	.1	.0										170	171	1524	
64/ 63	.1	.4	.3	.1	.0													57	57	1456	
62/ 61	.2	.1	.1	.1														24	24	834	
60/ 59				.0														1	1	338	
58/ 57																				142	
56/ 55																				85	
54/ 53																				31	
52/ 51																				9	
50/ 49																				2	
48/ 47																					
46/ 45																					
Element (X)	Σ X <sup>2</sup>		Σ X		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																					

USAFETAC FORM 0-20-5 (OL A) JUL 64 REVISED METHODS INDICATED BY THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIP WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2044 STATION      BIGGS AAF TX (EL PASO) STATION NAME      73-80 YEARS      JULI 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
44/ 43																					198
42/ 41																					153
40/ 39																					134
38/ 37																					93
36/ 35																					42
34/ 33																					20
32/ 31																					11
30/ 29																					12
28/ 27																					10
26/ 25																					9
24/ 23																					2
22/ 21																					4
TOTAL	.5	2.8	5.4	5.6	6.8	6.3	6.8	7.4	6.8	6.7	7.1	6.2	5.2	5.4	5.2	4.5	11.1	5950	5952	5950	5950
Element (X)	Σx²		Σx		X̄		s²		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	14215056		260072		43.721		2.839		5950		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	40550176		487512		81.910		10.202		5952				712.4	583.8	414.0	139.5	744				
Wet Bulb	24744660		383237		64.4		3.207		5950				191.2	.9			744				
Dew Point	17713996		321556		54.0		7.524		5950			5.4	14.0				744				

2503  
 USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2044 STATION SIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS MONTH AUG

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										.3	.3									4	4				
82/ 81										.7	.1			.3							8	8			
80/ 79								.1	.9	.4	.4	.1									15	15			
78/ 77					.1			.3	.8	2.8	1.3	.3	.1								43	43			
76/ 75				.1		.9		1.7	1.3	1.5	.4	.1									51	51			
74/ 73			.5	1.6	.7	3.7	2.2	.8	.7	.1	.1	.3									68	68			
72/ 71			.1	.5	3.6	4.8	2.3	1.9	.8	.1	.2										108	108			
70/ 69		.3	.1	3.6	3.0	3.9	2.0	.4	.4	.3	.1										105	105		2	
68/ 67	.1	1.6	4.0	4.0	2.4	2.7	1.9	.8	.1												132	132	13	1	
66/ 65	.3	2.2	3.1	2.4	3.5	1.2	.7	.3	.3	.1											104	104	59	19	
64/ 63		2.0	2.3	1.5	.7	.7	.8		.1												60	60	154	36	
62/ 61		1.1	1.3	.1	.4	.1															23	23	102	73	
60/ 59	.1	.9	.5	.1	.3	.3			.3												19	19	137	91	
58/ 57			.1		.1			.3													4	4	93	93	
56/ 55																							35	99	
54/ 53																							24	106	
52/ 51																								17	73
50/ 49																							2	31	
48/ 47																							2	31	
46/ 45																							2	22	
44/ 43																							2	15	
42/ 41																								16	
40/ 39																								2	
38/ 37																								3	
36/ 35																								5	
34/ 33																								2	
32/ 31																								3	
30/ 29																								1	
28/ 27																								2	
TOTAL	.5	8.1	11.7	13.0	15.7	15.3	12.4	8.1	8.5	4.3	1.6	.5	.3									744		744	
																						744		744	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. obs.		Mean No. of Hours with Temperature						Total												
Rel. Hum.	3043919	45851	61.6	17.138	744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	3607880	51682	69.5	4.893	744				66.8	23.6	2.5		93												
Wet Bulb	2732365	45007	60.5	3.621	744				1.9				93												
Dew Point	2254555	40685	54.7	6.326	744				.6	.1			93												

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27044 STATION BIGGS AAF TX (EL PASO) 73-80 YEARS AVG 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																	
87/87																																		1	1		
86/85																																		2	2		
84/83																																		5	5		
82/81																																		17	17		
80/79																																		43	43		
79/77																																		75	75		
76/75																																		88	88		
74/73																																		96	96		
72/71																																		101	101		
70/69																																		103	103	5	
68/67																																		84	84	26	3
66/65																																		56	56	110	11
64/63																																		39	39	213	42
62/61																																		22	22	178	91
60/59																																		10	10	118	105
58/57																																		2	2	47	121
56/55																																				25	113
54/53																																			10	98	
52/51																																			6	70	
50/49																																			4	29	
48/47																																					23
46/45																																				2	15
44/43																																				6	
42/41																																				2	
40/39																																				3	
38/37																																				2	
36/35																																				7	
32/31																																				2	
28/27																																				1	
TOTAL	.1	4.6	9.4	12.1	14.9	17.5	14.7	9.5	9.0	5.5	1.3	.9	.1	.2																				744	744	744	
																																			744	744	

Element (X)	$\Sigma x'$	$\Sigma x$	$\Sigma x^2$	$\Sigma x^3$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Rel. Hum.	2835526	44430	59.715	662	744							
Dry Bulb	3631614	53248	71.6	5.273	744			76.0	40.9	5.9		93
Wet Bulb	2854879	46021	61.9	3.321	744			3.9				57
Dew Point	2347204	41590	55.9	5.479	744			.4	.8			93

2505 SAFETAC FORM 0-26-5 (OL.A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27-84 STATION BIGGS AAF TX (EL PASO) 73-80 YEARS MONTH AUG

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
96/ 95															.1	.1	.1	3	3		
94/ 93														.5	.5	.7	15	15			
92/ 91											.1	.8	1.6	1.1	.3		29	29			
90/ 89									.1	.3	2.4	2.0	1.6	1.1	.4		59	59			
88/ 87									.5	2.4	4.4	2.4	.9	.4	.3		82	82			
86/ 85								.1	.3	2.4	3.6	2.6	1.3	.7			84	84			
84/ 83						.1	.7	3.2	4.6	4.2	.7	.3	.3				104	104			
82/ 81						.7	2.4	4.4	4.4	1.5	.8						103	103			
80/ 79						.1	1.6	3.9	3.4	1.9	.7	.3					86	88			
78/ 77					.1	.8	3.2	1.7	1.2	.4							56	56			
76/ 75					.4	1.7	1.7	1.3	.3	.1							42	42			
74/ 73			.1	.3	1.2	1.5	1.2	.1									33	33			
72/ 71			.1	.7	.9	.7	.4										21	21	4		
70/ 69			.4	.7	.5	.1											13	13	39		
68/ 67		.4	.3	.3	.1												8	8	167	1	
66/ 65		.1	.1														2	2	252	10	
64/ 63		.1	.1														2	2	182	37	
62/ 61																			74	67	
60/ 59																			24	103	
58/ 57																			2	124	
56/ 55																				129	
54/ 53																				92	
52/ 51																				59	
50/ 49																				46	
48/ 47																				35	
46/ 45																				17	
44/ 43																				11	
42/ 41																				8	
40/ 39																				5	
38/ 37																				5	
TOTAL		.7	1.2	1.9	3.4	5.6	8.6	10.3	13.0	14.5	12.6	11.3	6.9	5.2	3.2	1.7	.4	744	744	744	
Element (X)	Σx²	Σx	X	σx	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	1441342	31072	41.6	13.905	744	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5059897	61201	82.3	5.863	744			92.5	87.3	66.3	7.2	97									
Wet Bulb	3156552	48430	65.1	2.332	744			26.3				42									
Dew Point	2302210	41202	55.4	5.251	744				.1			97									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23044 ETCGS AAF TX (EL PASO) 73-80  
 STATION STATION NAME YEARS  
 PAGE 1 1200-1400  
 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		
100/105																	.1	1	1				
104/103																	.3	2	2				
102/101																	.5	4	4				
100/ 99																	2.6	19	19				
98/ 97															.1	1.6	4.3	45	45				
96/ 95													.5	3.0	4.3	4.2	89	89					
94/ 93												.3	1.9	4.6	4.6	3.2	119	119					
92/ 91												1.7	3.5	5.1	3.7	.7	.5	128	118				
90/ 89											.8	5.0	4.0	2.2	.9	.3		101	101				
88/ 87										.9	3.0	3.2	1.3	.3	.3			66	66				
86/ 85								.4	1.5	2.2	1.7		.3					45	45				
84/ 83						.1	.1	.7	1.2	.9	.8	.1						36	31				
82/ 81						.1	.9	.9	1.1	.3								25	25				
80/ 79						.5	1.2	1.6	.8									32	32				
78/ 77					.1	.3	.9	.3										13	13				
76/ 75			.1	.4	.4	.7												12	12				
74/ 73			.3	.5	1.2	.3	.1											18	18				
72/ 71			.1	.1	.5	.1	.1											8	8				
70/ 69				.1														1	1	85	1		
68/ 67		.4		.3														5	5	219	5		
66/ 65																				250	16		
64/ 63																				137	14		
62/ 61																				38	33		
60/ 59																				7	55		
58/ 57																					84		
56/ 55																					95		
54/ 53																					100		
52/ 51																					127		
50/ 49																					65		
48/ 47																					72		
46/ 45																					42		
44/ 43																					27		
42/ 41																					22		
40/ 39																					17		
Element (X)	Σ x <sup>1</sup>	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																							

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27044 BIGGS AAF TX (EL PASO)  
STATION STATION NAME

73-80  
YEARS

YEARS

116  
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
106/107																	.3	2	2	
106/105																	.1	1	1	
104/103																	.5	4	4	
102/101																	1.6	12	12	
100/99																	5.5	41	41	
98/97														.1	.4	.5	7.7	68	68	
96/95														.4	3.4	5.7	7.5	126	126	
94/93													.4	2.4	5.2	5.0	2.6	116	116	
92/91										.1		.3	2.6	3.5	3.0	1.2	.3	81	81	
90/89										.1	.7	2.7	3.4	1.9	.7	1.1		78	78	
88/87									.1		1.3	1.7	1.5	.4				38	38	
86/85								.3	.1	.9	1.5	1.1		.1				32	32	
84/83								.3	1.1	.8	1.3	.7	.3					33	33	
82/81							.1	.7	1.6	1.5	.7							34	34	
80/79						.4	1.1	.4	1.7	.4								30	30	
78/77						.1	.3	.4	.3									8	8	
76/75					.4	.4	.3	.1	.1									10	10	
74/73				.1	.7	.3	.4											11	11	1
72/71				.3		.4												5	5	6
70/69			.5	1.1														12	12	44
68/67			.1															1	1	175
66/65																				260
64/63																				194
62/61																				54
60/59																				9
58/57																				35
56/55																				54
54/53																				75
52/51																				74
50/49																				91
48/47																				83
46/45																				76
44/43																				67
42/41																				50
41																				41
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	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																				

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23044 STATION 3IGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS AUG 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		
43/ 39																					24		
36/ 37																					14		
36/ 35																					8		
34/ 33																					2		
TOTAL			.7	1.5	1.1	1.6	2.2	2.2	5.1	3.9	5.5	6.7	8.1	8.9	12.7	13.9	26.1	743	743	743	743		

Element (X)	Σx'	Σx	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	720792	20712	27.9	13.869	743							
Dry Bulb	6141952	67348	90.6	7.091	743			93.0	90.7	85.0	46.3	93
Wet Bulb	3187167	48583	65.4	2.153	743			29.3	.1			97
Dew Point	1929710	37550	50.5	6.567	743			.3				93

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25044 BIGGS AAF TX (EL PASO)  
 STATION STATION NAME

73-80  
 YEARS

AUG  
 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
104/103																	.1	1	1		
102/101																	.3	2	2		
100/99																	.7	5	5		
98/97																.1	1.2	10	10		
96/95														.1		.8	2.0	22	22		
94/93														.7	1.3	2.7	2.7	55	55		
92/91												.3	.7	1.5	2.0	2.2	.6	55	55		
90/89											.1	1.1	1.1	3.1	3.7	1.6		74	74		
88/87											.1	.1	1.3	1.2	2.6	3.0	1.5	.4	76	76	
86/85											.3	1.1	2.2	3.1	2.4	.4	.3	.1	73	73	
84/83						.1				.1	.3	1.2	1.3	3.2	2.4	.6	.7	.1	76	76	
82/81				.1					.1	.9	1.9	2.0	3.1	1.3	.4	.2			77	77	
80/79								.5	2.7	2.2	1.9	.4	.1	.1	.1				58	58	1
78/77				.1				.7	1.1	1.5	.7	.4	.3						37	37	1
76/75						.3	2.2	1.2	1.3										37	37	
74/73		.1	.1	.9	1.3	.8	.8	.1											32	32	
72/71		.1	.3	.5	.5	.8		.1											18	18	0
70/69			.7	1.3	.7	.8		.1											20	20	17
68/67			.5	.9															11	11	87
66/65			.1	.1															2	2	171
64/63																					238
62/61																					161
60/59																					40
58/57																					16
56/55																					3
54/53																					1
52/51																					
50/49																					61
48/47																					83
46/45																					64
44/43																					53
42/41																					50
40/39																					34
38/37																					25
Element (X)	Σx <sup>2</sup>	Σx	$\bar{x}$	s <sub>x</sub>	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																					

2508  
 USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE







GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25044 IIGGS AAF TX (FL PASO) 73-80 AUG  
STATION STATION NAME YEARS 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	
92/ 91																.3	.1	6	6			
90/ 89															.1	.5	.4	.5	12	12		
88/ 87														.5	1.6	1.1	.1	.1	27	27		
86/ 85													.8	1.9	1.1	1.1	.1		37	37		
84/ 83												.4	.9	2.2	1.3	1.6	.7	.1	54	54		
82/ 81										1.2	1.5	3.1	2.8	3.0	.4	.7		94	94			
80/ 79							1.1	2.2	3.4	3.2	2.0	1.3	.5	.1				103	103			
78/ 77						.4	1.5	2.8	4.6	1.6	.9	.8	.1					96	96			
76/ 75					.4	1.8	2.0	4.2	2.3	.3	.7		.1	.1				88	88			
74/ 73		.1	.7	.1	.6	3.1	2.4	.9	.8	.4								67	67			
72/ 71		.4	.8	3.0	1.6	1.1	.8	.3										59	59	1	1	
70/ 69		.1	1.2	2.7	1.5	.9	.4	.1			.1							54	54	7	1	
68/ 67		.5	.9	1.5	.4	.1												26	26	42	2	
66/ 65		.1	.9	.1							.1							10	10	126	12	
64/ 63		.1	.9	.1														6	6	220	24	
62/ 61		.1	.9	.1														2	2	182	64	
60/ 59																				97	73	
58/ 57																				39	77	
56/ 55																				22	83	
54/ 53																				1	90	
52/ 51																				2	71	
50/ 49																				1	75	
48/ 47																				1	41	
46/ 45																					42	
44/ 43																					29	
42/ 41																					19	
40/ 39																					12	
38/ 37																					6	
36/ 35																					7	
34/ 33																					5	
32/ 31																					2	
30/ 29																					4	
28/ 25																					1	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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																						

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23044 STATION RIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS 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
108/107																	.0	2	2	
106/106																	.0	2	2	
104/103																	.1	7	7	
102/101																	.3	18	18	
100/ 99																	1.1	65	65	
98/ 97															.0	.1	.3	123	123	
96/ 95															.1	.8	1.4	240	240	
94/ 93														.0	.3	1.0	1.4	305	305	
92/ 91										.0				.3	.7	1.9	1.2	279	279	
90/ 89										.0	.2	1.4	1.3	1.2	.8	.5	325	325		
88/ 87									.0	.2	1.0	1.4	1.2	.7	.7	.1	296	296		
86/ 85								.1	.2	.7	1.4	1.4	.6	.3	.1	.0	283	283		
84/ 83							.1	.2	.2	1.2	1.7	.9	.4	.2	.0		323	324		
82/ 81			.0			.0	.1	.8	1.3	2.0	1.2	.8	.2	.2	.0		390	390		
80/ 79					.1	.7	1.6	2.1	1.9	.5	.5	.4	.1	.1			421	421	1	
78/ 77			.0	.1	.1	1.4	1.9	.9	.2	.2	.0						400	400	1	
76/ 75		.0	.0	.3	1.4	1.5	2.1	1.1	.3	.1	.1	.0	.0				423	423		
74/ 73	.0	.1	.4	1.2	1.8	2.1	.9	.4	.3	.0	.0						435	435	1	
72/ 71	.0	.2	.5	2.3	2.0	1.1	.9	.3	.1	.0							417	417	24	
70/ 69	.1	.6	2.0	1.3	1.4	.7	.2	.2	.1	.1							397	397	199	
68/ 67	.0	.7	1.4	1.9	.9	.4	.2	.0	.0								338	338	752	
66/ 65	.0	.6	1.0	.8	.6	.3	.2	.1	.0	.1							219	219	1322	
64/ 63	.1	.5	.7	.4	.2	.1	.2	.0	.1	.0							134	134	1538	
62/ 61	.3	.4	.1	.2	.0	.0	.0	.0									63	63	1075	
60/ 59	.0	.2	.1	.1	.1	.1		.1									32	32	545	
58/ 57	.0	.0	.0	.0	.0	.1		.1									6	6	256	
56/ 55																			122	756
54/ 53																			55	728
52/ 51																			29	602
50/ 49																			10	482
48/ 47																			6	377
46/ 45																			6	284
44/ 43																			2	204
42/ 41																				164
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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																				

2510 USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27044 BIGGS AAF TX (EL PASO) STATION

72-79 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
98/ 87																.1		1	1		
86/ 85																.7		2	2		
84/ 83											.1			.1		.3		4	4		
82/ 81										.1	.1	.1			.3		6	6			
80/ 79									.1	.4				.1			5	5			
78/ 77							.4		.7	.7	.1	.1					16	16			
76/ 75					.3	.7	.3	.6	1.8	.6	.8	.4					39	39			
74/ 73			.7	.7	.6	2.1	2.2	2.1	.7	1.3	.4	.1					78	78			
72/ 71			.8	.8	3.3	1.7	.3	1.5	1.1	.8	.1						76	76			
70/ 69		.7	1.4	3.5	2.1	1.7	1.7	.4	.8	.4							91	91			
68/ 67		.6	1.4	1.9	.8	2.2	1.4	1.4	1.0		.1						78	78	26		
66/ 65		1.1	1.8	.6	1.8	.8	1.1	1.3	.7	.1							67	67	36		
64/ 63		1.0	1.3	1.1	1.4	1.4	.7	.3	.3	.1							54	54	100		
62/ 61	.4	2.5	1.5	1.1	.8		.7	.1	.3								54	54	76		
60/ 59	.3	2.4	1.0	1.0	.3	.3	.3	.4									42	42	108		
58/ 57	.3	1.5	.7	.3	.6	1.0	.1										32	32	100		
56/ 55		1.1	1.0	.8	.3	1.0											30	30	77		
54/ 53	.8	.4	.3	.1	.6	.4	.1										20	20	64		
52/ 51	.3	.8	.1		.1												10	10	48		
50/ 49	.7	.1		.4	.4												12	12	32		
48/ 47	.1			.3													3	3	17		
46/ 45																			17		
44/ 43																			10		
42/ 41																			1		
40/ 39																					
38/ 37																					
36/ 35																					
34/ 33																					
32/ 31																					
30/ 29																					
28/ 27																					
24/ 23																					
TOTAL	2.9	12.2	11.9	12.6	13.3	13.2	9.3	8.1	7.5	4.7	1.8	.8	.6		.8	.1	720	720	720		
Element (X)	Zx'	Zx	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	3112192	44982	62.5	20.493	720	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3221790	47894	66.5	7.067	720			49.5	18.9	1.9		90									
Wet Bulb	2438917	41711	57.9	5.596	720			4.3				90									
Dew Point	1981083	37247	51.7	8.684	720		1.6	1.4				97									

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

GLOBAL CLIMATOLOGY BRANCH  
CAFETAC  
AIR FATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 BIGGS AAF TX (EL PASO) 72-79 SFP  
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	24-25-26	27-28	29-30	±31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
83/ 83														.1			1	1		
82/ 81														.3			2	2		
79/ 79															.1		2	2		
78/ 77																	4	4		
76/ 75																	3	3		
74/ 73			.3		.1	.1	.6	1.1	.6	.4							23	23		
72/ 71			.6	.8	.6	2.8	1.1	.7	.3								49	49		
70/ 69		.4	2.8	3.5	1.7	2.2	1.5	1.1	.8	.1							102	102	3	2
68/ 67		.7	2.2	1.9	.7	1.9	2.2	.6	1.								61	81	20	3
66/ 65		1.3	2.9	1.4	2.4	2.2	.6	.4		.1							83	83	27	22
64/ 63	.3	1.7	1.4	1.1	1.9	1.3	.7	.4	.4								66	66	70	31
62/ 61		1.4	1.1	1.7	1.9	1.3	.3	.4	.3	.1							56	56	86	45
60/ 59	.3	4.9	1.1	1.3	1.4	.6	1.3	.6		.1							82	82	79	64
58/ 57	.3	3.2	1.8	.3	.6	.7	.4	.3		.1							58	58	109	51
56/ 55	.3	2.2	.6	.6	.4	.7		.3									36	36	93	77
54/ 53	.3	1.6	.8	.3	.1	.1											19	19	80	67
52/ 51	.7	.3	.3	.1	.7	.6											18	18	40	72
50/ 49	.7	.4	.4	.6	.1												16	16	33	68
48/ 47	.4		.7	.4													11	11	32	52
46/ 45	.2		.3		.1												5	5	17	31
44/ 43			.1	.1													2	2	19	27
42/ 41																			8	15
40/ 39																		3	24	
38/ 37																				25
36/ 35																				16
34/ 33																				3
32/ 31																				8
30/ 29																				6
28/ 27																				1
26/ 25																				2
20/ 19																				1
18/ 17																				1
TOTAL	3.9	17.4	17.4	13.4	12.8	14.3	8.9	5.8	4.0	1.1		.1	.7	.1			719	719	719	719
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	5621547	49145	68.4	19.119	719	± 0 F	± 32 F	± 47 F	± 73 F	± 80 F	± 93 F	90								
Dry Bulb	2921547	45577	63.4	6.722	719			33.4	4.4	.6		90								
Wet Bulb	2332189	47726	56.6	5.943	719			2.9				90								
Dew Point	1971316	37142	51.7	8.562	719			2.4	.6			90								

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2044 FIGGS AAF TX (EL PASO)  
 STATION STATION NAME

72-79  
 YEARS

SEP  
 MONTH

PAGE 1 0600-0800  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
83								.1						.1				2	2																	
81								.1					.1					2	2																	
79							.1	.1	.3	.3			.1	.1				8	8																	
77							.1	.6	.4	.1			.1	.1				11	11																	
75				.1		.6	.3	.6	.8	.3	.1	.3		.1				23	23																	
73			.4	.6	1.0	1.4	1.3	1.1	.1	.1	.3			.1				45	45																	
71		.8	1.3	1.8	1.8	1.3	1.3		.4									62	62																	
69	.3	2.4	2.4	1.9	2.1	1.8	1.4	.7	.4									93	93	7																
67	1.1	2.4	2.2	1.5	1.7	1.3	1.4	.3										85	85	22	8															
65	.1	.7	1.7	1.0	1.9	1.5	.7	.4	.1	.1								60	60	56	23															
63	.3	1.5	2.4	1.1	1.5	.6	.1	.3	.3									58	58	77	37															
61	.4	1.8	2.2	1.4	1.1	.8	.7	.7		.1								70	70	89	52															
59	.3	3.5	1.5	.7	.2	1.0	.8	.4	.1									62	62	84	57															
57	.3	2.4	1.3	1.3	.8	.3		.1	.3									48	48	105	76															
55	.4	1.7	.4	.3		.6												24	24	87	75															
53	.6	1.3	.8	.3	.8	.3												29	29	61	77															
51	.4	.3	.4	.4	.3	.1												14	14	36	68															
49	1.3	.3	.3		.1													12	12	40	61															
47			.1	.1	.3													4	4	23	32															
45	.3		.5															6	6	15	35															
43			.1															1	1	6	23															
41																				11	16															
39																					20															
37																					28															
35																					11															
33																					3															
31																					8															
29																					1															
27																					3															
21																					2															
19																					1															
TOTAL	4.0	14.7	17.8	13.5	13.1	12.7	8.5	8.3	3.8	1.9	.4	.3	.4	.6				719	719	719	719															
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	35.9845	48451	67.4	19.208	719	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																									
Dry Bulb	3056399	46661	64.8	7.083	719			41.4	11.4	7.0																										
Wet Bulb	2415086	41450	57.7	5.852	719			3.5																												
Dew Point	2036967	37801	52.6	8.312	719	1.9	1.6																													

USAFETAC FORM 8-64 6-26-5 (OL A) STWD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE











GLOBAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23004 STATION IIGGS AAF TX (EL PASO) STATION NAME

72-79 YEARS

YEARS

SFP 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																					11				
30/ 29																					1				
28/ 25																					3				
24/ 23																					1				
22/ 21																					1				
TOTAL	.6	2.2	1.7	3.6	3.9	3.3	5.0	4.7	6.7	6.9	9.0	10.3	8.3	9.3	8.5	7.6	8.9		720		720				
																		720		720					

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	> 93 F	
Rel. Hum.	1211065	26103	36.3	19.188	720							
Dry Bulb	5013256	59706	82.9	9.296	720			83.6	78.6	63.6	12.1	90
Wet Bulb	2858801	45261	62.9	4.346	720			19.9				90
Dew Point	1865597	36133	50.2	8.527	720		2.1	.3				90

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVID PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION 27044 51665 AAF TX (EL PASO) YEARS 72-79 MONTH SEP  
 PAGE 1 1500-1700  
 HOURS (L. S. T.)

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

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															
100/ 59																	1.7	7	7																
98/ 97																	.4	2.1	18	18															
96/ 95														.1	1.1	1.3	6.0	61	61																
94/ 93														.6	1.3	1.8	3.5	51	51																
92/ 91														.6	1.0	1.8	2.5	53	53																
90/ 89													.6	1.1	1.5	1.5	2.9	64	64																
88/ 87											.6	1.8	1.8	1.5	2.2	1.5	.8	.8	80	80															
86/ 85									.4	.7	1.7	1.9	1.7	1.1	.6	.3	.4	58	58																
84/ 83							.1	1.8	1.7	1.7	1.7	.6	.3	.6	.1	.1	.1	62	62																
82/ 81						.8	.7	1.0	1.0	.7	2.1	.4	.7	.3				55	55																
80/ 79						.7	1.1	.8	.6	1.0	.3	.4	.4	.4	.1			42	42																
78/ 77						.7	.6	.7	1.4	1.4	.1	.1	.4	.3				41	41																
76/ 75			.1	1.0	.7	.3	.7	.4	.3	.4	.3	.7						35	35																
74/ 73			.1	.1	.6	.3	.4	.1	.1		.3							15	15																
72/ 71			.1			.3	.1	.4		.4	.1							11	11																
70/ 69			.1	.4	.2	.6	.3	.1										13	13	32															
68/ 67		.3		.4	.3													7	7	93															
66/ 65			.1	.4	.8	.1												11	11	101															
64/ 63		.7	.6	.7	.4													17	17	143															
62/ 61		.1		.4														4	4	144															
60/ 59																				93															
58/ 57			.6															4	4	43															
56/ 55		.6	.1															5	5	30															
54/ 53	.1	.3																3	3	25															
52/ 51	.1	.3																3	3	14															
50/ 49																				2															
48/ 47																				54															
46/ 45																				44															
44/ 43																				54															
42/ 41																				48															
40/ 39																				40															
38/ 37																				26															
36/ 35																				23															
34/ 33																				18															
Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	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																																			

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27044 31665 AAF TX (EL PASO)  
 STATION STATION NAME

72-73  
 YEARS

SEP  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
32/ 31																					13
30/ 29																					9
28/ 27																					8
26/ 25																					4
24/ 23																					2
22/ 21																					1
20/ 19																					1
TOTAL	.3	2.2	1.7	2.6	2.9	3.3	3.6	3.8	6.1	6.7	7.1	9.3	6.7	8.2	8.8	10.1	16.7	720	720	720	720
																		720			720

Element (X)	Σ X'	Σ X	X̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	1663590	23910	33.2	19.363	720							
Dry Bulb	5148362	60512	84.0	9.336	720			64.1	80.3	67.1	17.1	90
Wet Bulb	2815357	44925	62.4	4.123	720			15.6				90
Dew Point	1737666	34759	48.3	9.114	720		4.6	.1				90

USAFETAC FORM 0-25-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

FEDERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27/84 STATION SIGGS AAF TX (EL PASO) STATION NAME

72-79 YEARS

JFP MONTH

PAGE 1 1200-2000 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
96/ 97																	.1	1	1	
95/ 95																	.3	4	4	
94/ 93																	.7	5	5	
92/ 91														.1	.1	.6	.7	17	17	
90/ 89													.4	.8	1.4	.7	.6	28	28	
88/ 87												.3	.7	.8	1.6	1.4	.6	40	40	
86/ 85									.1			.6	1.3	1.4	1.1	.7	.3	39	39	
84/ 83								.3	.1	1.0	1.1	1.8	1.4	2.1	.4	.3		61	51	
82/ 81							.6	1.4	1.4	1.0	.4	1.5	1.0	.3	.1			55	55	
80/ 79					.1	.1	.3	1.7	1.9	1.0	1.3	1.5	.8	.7				68	68	
78/ 77				.1	.4	1.1	2.1	1.3	1.1	1.4	.7	.3	.1					62	62	
76/ 75			.4	.6	.1	1.4	1.1	1.4	1.4	1.4	.4	.6	.3					65	65	
74/ 73				.6	1.5	1.4	1.8	1.0	.3	1.0	.8	.3						62	62	
72/ 71		.3	.7	1.3	1.0	1.0	.3	1.9	.4	1.1	.8	.4						64	64	5
70/ 69		.3	.4	.4	.8	1.1	.7	.4	.4		.6							37	37	11
68/ 67		.1	.6	.6	.3	.7	.1	.6		.3								23	23	42
66/ 65		.4	.1	.3	.1	.4	.3	.3	.1	.1								16	16	94
64/ 63			.8	.4	.3	.3	.3	.3	.4									18	18	110
62/ 61		.6	1.3	.7	.6	.1	.1	.1										25	25	115
60/ 59		.6	.3		.1	.1												8	8	106
58/ 57		.1	.6	.1														6	6	96
56/ 55		1.0	.3															9	9	51
54/ 53		.3																2	2	46
52/ 51	.1	.1																2	2	24
50/ 49	.1	.1																2	2	16
48/ 47																				3
46/ 45																				
44/ 43																				
42/ 41																				
40/ 39																				
38/ 37																				
36/ 35																				
34/ 33																				
32/ 31																				
Element (X)	Σx'	Σx	Σ	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



CECIL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2244 SIGGS AAF IX (EL PASO)  
STATION STATION NAME

72-79  
YEARS

SEP  
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		
84																		2	2				
87																		6	6				
89																		7	7				
83																		17	17				
81																		27	27				
79																		33	33				
77																		44	44				
75																		70	70				
73																		74	74				
71																		57	97				
69																		72	72	13			
67																		65	65	16			
65																		57	57	80			
63																		29	29	91			
61																		34	34	105			
59																		26	26	64			
57																		29	29	91			
55																		21	21	82			
53																		3	3	60			
51																		6	6	43			
49																		1	1	31			
47																				14			
45																				8			
43																				2			
41																							
39																							
37																							
35																							
33																							
31																							
29																							
27																							
25																							
23																							
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.				Mean No. of Hours with Temperature														
Rel. Hum.																							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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







AERIAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

27044 WIGGS AAF TX (EL PASO) 72-74  
STATION STATION NAME YEARS  
PAGE 2 SEP MONTH  
ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL																																																																														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																													
31/ 31																						76																																																																												
29/ 29																						41																																																																												
27/ 27																						21																																																																												
25/ 25																						13																																																																												
23/ 23																						8																																																																												
21/ 21																						4																																																																												
19/ 19																						5																																																																												
17/ 17																						1																																																																												
<b>TOTAL</b>	1.8	7.8	3.8	8.3	8.5	9.0	7.7	7.4	7.1	6.2	5.3	5.0	3.8	3.9	3.3	2.7	3.5	5757	5757	5757	5757																																																																													
<table border="1"> <thead> <tr> <th>Element (X)</th> <th><math>\sum X^2</math></th> <th><math>\sum X</math></th> <th><math>\bar{X}</math></th> <th><math>\sigma^2</math></th> <th>No. Obs.</th> <th colspan="5">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <th>≤ 0 F</th> <th>≤ 32 F</th> <th>≥ 67 F</th> <th>≥ 73 F</th> <th>≥ 80 F</th> <th>≥ 93 F</th> <td></td> </tr> </thead> <tbody> <tr> <td>Rel. Hum.</td> <td>18540946</td> <td>296860</td> <td>51.623</td> <td>23.701</td> <td>5757</td> <td></td> <td></td> <td>512.5</td> <td>354.7</td> <td>212.4</td> <td>30.9</td> <td>720</td> </tr> <tr> <td>Dry Bulb</td> <td>31424914</td> <td>420610</td> <td>73.110</td> <td>5.987</td> <td>5757</td> <td></td> <td></td> <td>71.3</td> <td></td> <td></td> <td></td> <td>720</td> </tr> <tr> <td>Wet Bulb</td> <td>20763070</td> <td>344238</td> <td>59.8</td> <td>5.584</td> <td>5757</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>720</td> </tr> <tr> <td>Dew Point</td> <td>15343680</td> <td>292812</td> <td>50.9</td> <td>8.849</td> <td>5757</td> <td></td> <td>20.9</td> <td>7.1</td> <td></td> <td></td> <td></td> <td>720</td> </tr> </tbody> </table>																						Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Rel. Hum.	18540946	296860	51.623	23.701	5757			512.5	354.7	212.4	30.9	720	Dry Bulb	31424914	420610	73.110	5.987	5757			71.3				720	Wet Bulb	20763070	344238	59.8	5.584	5757							720	Dew Point	15343680	292812	50.9	8.849	5757		20.9	7.1				720
Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total																																																																																							
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																																																																																							
Rel. Hum.	18540946	296860	51.623	23.701	5757			512.5	354.7	212.4	30.9	720																																																																																						
Dry Bulb	31424914	420610	73.110	5.987	5757			71.3				720																																																																																						
Wet Bulb	20763070	344238	59.8	5.584	5757							720																																																																																						
Dew Point	15343680	292812	50.9	8.849	5757		20.9	7.1				720																																																																																						

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

REGIONAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21-44 3136S AAF TX (EL PASO)  
STATION STATION NAME

72-79  
YEARS

OCT  
MONTH

PAGE 1 0000-0200  
HOURS (L, S, T, J)

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																																		7	7				
72/ 71																																			12	12			
70/ 69																																			23	23			
68/ 67																																			28	28			
66/ 65																																			34	34			
64/ 63																																			33	33			
62/ 61																																			62	62	10	6	
60/ 59																																			66	66	31	6	
58/ 57																																			59	59	35	17	
56/ 55																																			74	74	59	23	
54/ 53																																			89	88	34	45	
52/ 51																																			59	59	81	45	
50/ 49																																			61	61	106	34	
48/ 47																																			52	52	66	44	
46/ 45																																			38	38	84	55	
44/ 43																																			17	17	69	35	
42/ 41																																			13	13	46	51	
40/ 39																																			7	7	35	56	
38/ 37																																			5	5	38	59	
36/ 35																																			2	2	30	46	
34/ 33																																					9	36	
32/ 31																																						38	
30/ 29																																						38	
28/ 27																																						30	
26/ 25																																						32	
24/ 23																																						21	
22/ 21																																						11	
20/ 19																																						9	
18/ 17																																						2	
16/ 15																																						2	
14/ 13																																						1	
TOTAL																																					742	742	742
Element (X)	Z <sub>x</sub>	Z <sub>y</sub>	Z <sub>xy</sub>	Z <sub>z</sub>	Z <sub>yz</sub>	Z <sub>xyz</sub>	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	2554701	442d1	59.7	25.523		742	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	2343242	41315	55.7	7.590		742			8.2	9			43																										
Wet Bulb	1736337	35546	47.9	6.722		742							93																										
Dew Point	1279196	29574	42.3	10.156		742			23.1				93																										

USAFETAC FORM 0-36-5 (OLA) REVISED FEBRUARY 1965

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27044 BIGGS AAF TX (EL PASO)  
STATION STATION NAME

72-79  
YEARS

GCT  
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																
74/ 77																																	1	1		
74/ 73																																	2	2		
72/ 71																																	1	1		
70/ 69																																	3	3		
68/ 67																																	17	17		
66/ 65																																	15	15		
64/ 63																																	43	43	4	3
62/ 61																																	30	30	13	4
60/ 59																																	53	53	15	9
53/ 57																																	65	65	36	17
56/ 55																																	58	58	49	22
54/ 53																																	76	76	43	49
52/ 51																																	83	83	44	30
50/ 49																																	70	70	69	32
48/ 47																																	57	57	88	37
46/ 45																																	52	53	79	59
44/ 43																																	50	50	73	41
42/ 41																																	25	25	61	46
40/ 39																																	20	20	51	56
38/ 37																																	12	12	52	48
36/ 35																																	8	8	32	66
34/ 33																																	1	1	23	34
32/ 31																																			10	37
30/ 29																																			1	39
28/ 27																																				30
26/ 25																																				31
24/ 23																																				26
22/ 21																																				10
20/ 19																																				6
18/ 17																																				3
16/ 15																																				5
14/ 13																																				1
TOTAL	2.8	17.2	18.2	17.9	19.9	10.2	5.9	3.6	2.6	1.2	.3	.1	.1	.1																			743	743	743	
Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	3414679	48271	65.0	19.378	743	≥ 0 F	≥ 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	97																								
Dry Bulb	2192791	39735	52.5	7.524	743			3.0	.4			93																								
Wet Bulb	1629464	34386	46.3	7.164	743		1.4					93																								
Dew Point	1259348	29638	39.9	10.193	743		23.5					93																								

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 1959

AL GLESTOLO BRANCH

# PSYCHROMETRIC SUMMARY

STATION 44 GBS SAF TX (EL PASO) STATION NAME

72-79 YEARS

MONTH

PAGE 1 0603-0800 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
70						.1												1	1	
71						.1												1	1	
72						.3												2	2	
73			.1	.1		.5	.5	.1	.5	.5	.1							21	21	
74			.1	.1	.7	.7	.2	.5	.7	.5	.1							18	18	
75			.1	.7	.7	.2	.5	.7	.5	.1								27	27	
76		.4	.8	1.1	.4	.3	.7	.4	.7	.1								39	39	4
77	.3	.7	1.1	1.2	.7	1.2	.7	1.2	.1									45	45	1
78	.1	1.5	1.2	.8	.5	1.6	.9	.4	.5	.1								58	58	29
79	.3	1.3	1.2	.7	2.1	.7	.9	.5	.3									51	51	36
80	.1	2.2	2.1	1.5	1.5	1.8	1.2	1.1	.3									90	90	44
81	.1	2.3	1.9	1.2	1.1	1.6	.9	.5										72	72	45
82	.1	1.1	1.1	1.1	.9	1.8	.5	.1										50	50	77
83		.9	2.6	1.6	1.1	.9	.4											55	55	67
84	.1	2.3	1.8	1.3	.8	1.3	.5	.1										63	63	67
85	.1	1.1	1.1	1.1	1.3	.7												42	42	77
86	.1	.9	.9	1.2	1.5	.3												38	38	76
87		.8	.4	.4	.9	.1												20	20	52
88	.1	.5	.3	.9	.7													19	19	46
89		.2	.1	.4														6	6	36
90		.8	.1	.1	.3													10	10	24
91																				22
92			.1	.1														2	2	8
93																				4
94																				35
95																				22
96																				11
97																				3
98																				3
99																				3
100		.17	.51	.60	.61	.61	.39	1.4	5.7	3.4	1.3	.4	.1					742	742	742
Element (X)	Zx'	Zx	Z	%	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	331	355	47397	63.9	12,799	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	2200	408	49274	53.9	7,954			5.5	.3			43								
Wet Bulb	1695	518	35148	47.2	7,351		1.5					43								
Dew Point	1304	747	30161	40.6	10,312		21.6					63								

USAETAC FORM 0-26-5 (OL A) REVISION NOVEMBER 1964

USAFETAC  
 FEDERAL METEOROLOGICAL BUREAU  
 AIR FORCE SERVICE/AFAC

### PSYCHROMETRIC SUMMARY

244 GGS AAF IV (EL PASO)  
 STATION STATION NAME

72-79  
 YEARS

JCT  
 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														
67															.1	.4	.1	6	6																
68															.1	.3		3	3																
69												.1	.3	.5	.1	.1		5	5																
70								.3	.5	.5		.5	.5	.3	.1		24	24																	
71								.4	.5	.3	.4	.5	.5	.5			27	27																	
72							.3	.3	.8	.4	.3	.8	.9	.9			32	32																	
73						.3	.4	.5	.7	.5	1.2	1.5	.3	.4			47	47																	
74					.3	.5	1.1	1.1	.8	1.2	2.1	1.2	.8				59	59																	
75			.1	.1	.1	1.3	1.2	.8	2.0	2.0	1.5	.7	.1				77	77																	
76			.1	.4	.3	.9	1.1	1.9	1.5	.9	.9	.9					67	67																	
77			.1	.5	.1	1.1	.7	1.7	1.2	2.1	.4						60	60																	
78			.3	.5	.4	1.1	1.6	1.3	1.3	1.2	.7						66	66	1																
79		.2	.4	.5	.5	2.3	1.1	.7	1.1	.9							58	58	34	1															
80		.2	.5	.5	1.2	.7	1.5	1.2	1.2	.3							54	54	54	8															
81		.1	.6	.1	.7	.7	.8	.7	.3	.5	.1						39	39	54	21															
82		.5	.4	.4	.7	.5	.3	.1	.5	.5	.4						33	33	7	24															
83		.4	.7	.2	.4	.3	.7	.4			.1						24	24	13	27															
84		.1	.1		1.1	.4	.3	.7	.8								26	26	11	20															
85			.3	.3	.4	.3	.4		.1								13	13	69	44															
86		.1	.1		.3	.1	.3										6	6	69	43															
87	.1	.3			.1												4	4	51	44															
88	.1		.1	1	.5												7	7	28	22															
89			.3														2	2	25	37															
90			.1														2	2	18	61															
91		.1	.1														3	3	12	53															
92		.3															2	2	8	48															
93																			2	54															
94																				48															
95																				49															
96																				24															
97																				19															
98																				14															
99																				4															

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb												
Wet Bulb												
Dew Point												

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







FEDERAL CLIMATOLOGY BRANCH  
 TAC  
 WEATHER SERVICE/MAL

# PSYCHROMETRIC SUMMARY

2 44 STATION GSAF I (EL PASO) 72-75 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
12/1																	.1	1	1		
12/2																	.0	0	0		
12/3																	.1	16	16		
12/4																	.4	15	15		
12/5																	.1	32	32		
12/6																	.3	43	43		
12/7																	.7	43	43		
12/8																	.4	40	40		
12/9																	.1	56	56		
12/10																	.1	73	73		
12/11																	.7	60	60		
12/12																	.5	58	58		
12/13																	.4	49	49		
12/14																	.1	41	41		
12/15																	.3	37	37		8
12/16																	.3	32	32		28
12/17																	.1	25	25		51
12/18																	.4	15	15		68
12/19																	.1	17	17		84
12/20																	.5	14	14		112
12/21																	.1	8	8		126
12/22																	.3	6	6		90
12/23																	.1	4	4		75
12/24																	.3	4	4		39
12/25																	.1	2	2		14
12/26																	.1	5	5		21
12/27																	.4	1	1		9
12/28																	.3	2	2		4
12/29																	.1	2	2		4
12/30																	.1	7	7		11
12/31																	.1	5	5		57
1/1																	.1	3	3		48
1/2																	.1	4	4		45
1/3																	.1	2	2		27
Element (X)	$\Sigma X^2$	$\Sigma X$	X	$\sigma_x$	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																					

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



FEDERAL BUREAU OF SURVEY  
 NATIONAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C. 20540  
 AIR FORCE SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

2744 GGS AAF TX (EL PASO)  
 STATION STATION NAME

72-79  
 YEARS

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

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

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

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																					
67-70																													.1	1	1										
7-8																													.1	2.0	16	16									
7-8.5																													.5	2.5	2.5										
7-8.5																													.5	1.5	.9	3.5	3.5								
7-8.5																													.5	1.7	.7	4.9	4.9								
7-8.5																													.1	1.2	1.1	.4	1.2	2.7	1.1	5.8	5.8				
7-8.5																													.1	1.2	.7	.9	2.4	2.4	.1	6.5	6.5				
7-8.5																													.1	.4	.9	1.1	1.7	2.2	2.6	1.1	.1	7.6	7.6		
7-8.5																													.7	.8	.4	.9	1.2	1.5	1.5	.5	6.6	6.6			
7-8.5																													.7	.4	.5	.4	1.9	1.1	.8	.8	.1	5.3	5.3		
7-8.5																													.7	.4	.5	.4	1.9	1.1	.8	.8	.1	5.0	5.0		
7-8.5																													.1	.4	.9	1.3	.7	.3			4.2	4.2			
7-8.5																													.3	.5	1.6	1.2	.7	.7			4.4	4.4			
7-8.5																													.1	.1	.3						2.8	2.8			
7-8.5																													.5	.1	.1	.3					2.7	2.7			
7-8.5																													.4	.1	.4						2.5	2.5			
7-8.5																													.1	.7	.3	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5																													.1	.7	.4	.5	.1	.5			1.9	1.9			
7-8.5																													.1	.7	.4	.5	.1	.5			2.5	2.5			
7-8.5				</																																					

















NATIONAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AFB EAST - SE-VIC/MAC

# PSYCHROMETRIC SUMMARY

244 65 AAF TK (EL PASO)  
 STATION STATION NAME

72-79  
 YEARS

ALL  
 MONTH

PAGE 1  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																				
1/ 81																		.3	2	2																				
1/ 80																		.2	17	17																				
1/ 79																		.1	32	32																				
6/ 87																	.1	.1	.1	.1	.4	.4	.1	73	73															
6/ 85																	.2	.3	.2	.4	.4	.1	100	100																
4/ 84																	.2	.3	.4	.4	.7	.2	116	116																
1/ 81													.1	.1	.3	.4	.2	.5	.4	.4	.7	.2	124	124																
1/ 79												.1	.2	.4	.4	.7	.9	.2	.1	.1	.1	142	142																	
7-1 77										.2	.2	.3	.4	.4	.4	.5	.5	.4	.1	.1	.1	204	204																	
1/ 74									.2	.3	.3	.4	.4	.5	.7	.8	.5	.1	.1	.1	.1	225	225																	
6/ 72								.2	.3	.3	.4	.4	.4	.7	.7	.7	.5	.1	.1	.1	.1	240	240																	
1/ 71					.1	.2	.4	.5	.4	.9	.7	.9	.4	.2								241	281																	
1/ 69				.0	.1	.2	.3	.5	.6	1.1	.9	.6	.4	.1								313	313																	
1/ 67			.1	.5	.4	.5	.7	.6	1.1	.7	.4	.2	.1									280	263																	
6/ 65			.4	.3	.6	.5	.7	.9	1.3	.4	.2	.1										312	312																	
4/ 63	.1	.4	.4	.6	.4	.7	.9	.6	.7	.5	.3	.0										344	344	166	13															
1/ 61	.1	.4	.4	.9	.5	.8	1.4	1.0	.7	.3	.1											300	360	321	49															
1/ 59	.2	.6	.9	.3	.6	.9	1.3	.6	.5	.2												370	370	338	99															
1/ 57	.3	1.1	.2	.3	1.1	.7	.6	.6	.2	.2												358	353	435	144															
5/ 55	.1	1.1	.2	.9	.9	.9	.7	.7	.1	.1												364	364	657	207															
1/ 53	.1	.6	1.0	.2	1.1	.3	.7	.4	.1													345	345	636	292															
1/ 51	.0	.7	.9	.7	1.1	.7	.5	.2	.1													293	283	637	293															
1/ 49	.5	.6	.7	1.0	.2	.6	.4	.1														241	241	588	281															
1/ 47	.1	.6	.7	.5	.5	.7	.2	.0														204	204	445	289															
1/ 45	.1	.3	.4	.4	.7	.5	.1															174	174	415	355															
4/ 42	.1	.5	.3	.4	.6	.2																115	116	361	350															
1/ 41	.1	.3	.2	.3	.3	.1																64	64	247	414															
1/ 39	.0	.4	.1	.2	.2																	58	58	190	441															
3/ 37	.1	.3	.3	.1	.1																	27	27	126	422															
1/ 35	.2	.1	.0	.0																		20	20	105	465															
3-1 33	.6																					1	1	57	336															
1/ 31			.0	.1																		2	2	15	353															
1/ 29																																								
Element (X)	2x <sup>2</sup>	2x	X	S <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total																												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																													
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

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

FEDERAL CLIMATOLOGY BRANCH  
 WET BULB TEMPERATURE DEPRESSION DEPARTMENT  
 AIR WEATHER SERVICE/440

**PSYCHROMETRIC SUMMARY**

2 44 STATION SIGGS AAF TX (EL PASO) STATION NAME 72-79 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	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1/25																					20.8	
1/23																					20.3	
1/21																					14.4	
1/19																					6.7	
1/17																					6.3	
1/15																					1.9	
1/13																					1.7	
1/11																					1.2	
1/9																					5	
TOTAL	1.4	3.2	6.0	9.0	10.2	10.3	7.7	8.0	8.1	6.3	5.5	4.3	3.8	3.1	2.0	1.4	1.2	5940	5940	5940	5940	
																		5940		5940		
Element (X)	Σx'	Σx	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	1710.321	257.13	4.5	523.076	5940	±0 F	±32 F	±67 F	±73 F	±80 F	±93 F	Total										
Dry Bulb	24645314	375822	43.3	12.022	5940			287.7	178.2	82.7	2.4	744										
Wet Bulb	15763147	352031	51.0	7.273	5940			3.0	1.1			744										
Dew Point	1019297	234595	43.2	10.106	5940		180.2					744										

FORM 18 0-26-5 (OL A) USAFETAC  
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATIONAL CLIMATOLOGY SERVICE  
 METEOROLOGICAL SERVICE/NAF

**PSYCHROMETRIC SUMMARY**

2 44 65 DAF IX (EL PASO)  
 STATION STATION NAME

72-77  
 YEARS

NOV  
 MONTH

PAGE 1 7000-0228  
 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
67									.1		.6	.7						7	7	
68									.1		.7	.7						7	7	
69					.1			.3	.3		.1	.3						7	7	
70					.4	.7	.4	.1	.1	.7	.7							8	9	
71		.3	.2	.4	.7	.4	.1	.1	.7	.7								24	24	
72		.3	.4	.6	.7	.7	.6	.7	.6	.6	.1							24	24	
73		.4	.6	.7	.7	.7	.6	.7	.6	.6	.1							27	27	9
74		.4	.6	.7	.7	.7	.6	.7	.6	.6	.1							33	33	7
75	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									44	44	15
76	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									53	53	23
77	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									50	50	37
78	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									55	55	36
79	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									72	72	62
80	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									70	70	80
81	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									57	57	82
82	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									48	48	76
83	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									36	36	72
84	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									28	28	52
85	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									27	27	37
86	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									17	17	32
87	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									11	11	39
88	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									9	9	26
89	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									1	1	14
90	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									3	3	7
91	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									1	1	6
92	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									1	1	1
93	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									2	2	1
94	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									1	1	1
95	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									1	1	1
96	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									1	1	1
97	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									1	1	1
98	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									1	1	1
99	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									1	1	1
100	.3	.7	1.1	.3	.4	1.3	1.3	.6	.1									1	1	1
Σ X <sup>2</sup>																				
Σ X																				
$\bar{X}$																				
$\sigma_x$																				
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 0-25-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



AL CLIMATOLOGY BRANCH  
 AETAC  
 STATION SERVIC /MAC

# PSYCHROMETRIC SUMMARY

244 GGS AAF IX (EL PASO)  
 STATION STATION NAME

72-79  
 YEARS

NOV  
 MONTH

PAGE 1 (300-0500)  
 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																				
67																																	2	2						
68																																		2	2					
69																																		5	5					
70																																		7	7					
71																																		9	9					
72																																		15	15					
73																																		27	27	1				
74																																		23	23	1				
75																																		28	28	9				
76																																		27	27	11				
77																																		54	54	29				
78																																		48	48	31				
79																																		59	69	48				
80																																		51	51	61				
81																																		66	68	63				
82																																		76	76	22				
83																																		49	49	74				
84																																		37	37	72				
85																																		35	35	52				
86																																		28	28	44				
87																																		23	23	32				
88																																		15	15	34				
89																																		2	2	28				
90																																		6	9	17				
91																																		3	3	10				
92																																				4	4	16		
93																																		1	1	17				
94																																		4	4	29				
95																																					2	2	28	
96																																						12	12	
97																																			1	1	4			
98																																			2	2	3			
99																																						3		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																													
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

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

FEDERAL BUREAU OF SURVEILLANCE  
 NATIONAL CLIMATOLOGY BRANCH  
 WASHINGTON, D. C. 20541  
 AIR WEATHER SERVICE / MAC

# PSYCHROMETRIC SUMMARY

STATION: 244 1165 AAF TX (EL PASO) STATION NAME: 72-79 YEARS: NOV MONTH

PAGE 2 0300-1500 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	7.2	22.8	23.5	16.5	14.7	6.9	4.6	3.3	2.4	1.0	1.0							720	720	720	720	

Element (X)	Σ X <sup>2</sup>	Σ X	X̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Wet Bulb	31399.17	45145	62.720	7.39	720						90
Dry Bulb	1288788	29578	41.2	9.543	720		15.3	3			90
Wet Bulb	366226	25718	35.7	8.136	720		28.6				90
Dew Point	646080	28102	27.910	9.90	720	4	57.8				90

5020 USAF TAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUNIOR CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR FORCE SERVICE/4AC

# PSYCHROMETRIC SUMMARY

2 44 STATION LOGS AAF TX (EL PASO) STATION NAME

72-79 YEARS

YEARS

NOV MONTH

PAGE 1 0600-0200  
 HOURS (L. S. T.)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL						
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point	
7/ 67																				1	1		
4/ 67																				6	6		
7/ 51					.1		.1													8	8		
7/ 59						.1	.1	.3												16	16		
7/ 57				.6	1.3	.1	.6	.7	.3	.6									29	29			
5/ 55			.1	.6	.4	.7	.6	1.0	1.0	.3									33	33	11	3	
7/ 51	.4	.3	.4	1.0	1.0	.7	.8	.6											37	37	14	12	
7/ 47	.7	.7	.6	.6	.6	1.1	.7	.4	.1										30	30	12	6	
7/ 47	.7	1.2	1.3	.8	1.5	1.0	.6	.4	.1										56	56	29	12	
7/ 45		1.0	1.3	2.2	1.0	.7	.6	.3											50	50	34	17	
4/ 43	.1	2.2	1.7	2.2	1.1	.5	.3	.4											60	60	55	15	
2/ 41		1.0	1.4	2.6	.7	1.7	.3												62	62	56	26	
7/ 37	.3	2.2	2.8	1.9	1.3	1.1	.3												71	71	82	29	
7/ 37	.4	1.7	2.5	1.4	1.3	.6													56	56	63	43	
7/ 35	.6	1.7	2.4	1.1	1.3	.1													51	51	75	41	
3/ 33	.1	1.4	1.3	1.4	.8														36	36	63	54	
7/ 31	.1	1.7	.7	1.4	1.1														36	36	56	46	
7/ 27		1.7	.3	1.7	.3														23	23	48	51	
7/ 27		.3	1.3	.7	.1														17	17	36	22	
7/ 25		.6	1.0	.6															17	17	20	56	
7/ 25			.3																2	2	33	24	
7/ 21			.1																1	1	15	34	
7/ 17		.6	.3																8	8	7	32	
7/ 17	.1	.1																	2	2	6	23	
7/ 15		.1																	1	1	2	35	
7/ 15																						29	
7/ 11		.1																	1	1		24	
7/ 7		.3																	2	2	3	17	
7/ 7		.1																	1	1		7	
7/ 7		.1																	1	1		5	
7/ 1																						1	
7/ 0																						2	
Element (X)	Z <sub>x</sub> <sup>2</sup>	Z <sub>x</sub>	$\bar{X}$	$\sigma_x$	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																							











CENTRAL CLIMATOLOGY BRANCH  
USAFETAC  
4TH WEATHER SERVICE/NAC

# PSYCHROMETRIC SUMMARY

2 44 21065 AAF TX (EL PASO)  
STATION STATION NAME

72-79  
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	Dew Point																
1 / -1																																	6	6		
1 / 72																																	9	9		
7 / 77																																	12	12		
7 / 77																																	30	30		
7 / 73																																	31	31		
7 / 71																																	35	35		
1 / 67																																	52	52		
1 / 67																																	61	61		
1 / 65																																	59	59		
4 / 62																																	63	63		
1 / 59																																	58	58	1	
1 / 59																																	54	54	4	
1 / 57																																	57	57	11	
5 / 55																																	40	46	35	
6 / 53																																	30	30	52	
1 / 51																																	26	26	97	
1 / 47																																	21	21	106	
1 / 47																																	13	13	25	
1 / 45																																	9	9	83	
4 / 43																																	7	7	71	
1 / 41																																	10	10	54	
1 / 41																																	3	3	23	
1 / 37																																	4	4	25	
1 / 35																																	3	3	17	
3 / 33																																	2	2	12	
1 / 31																																	3	3	16	
1 / 27																																	4	4	8	
1 / 27																																	1	1	4	
1 / 25																																	2	2	2	
1 / 23																																	1	1	1	
2 / 21																																			3	
1 / 19																																				
1 / 17																																				
1 / 15																																				
Element (X)	Σx'	Σx	X̄	σ <sub>x</sub>	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 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 AIR WEATHER SERVICE / MAC

# PSYCHROMETRIC SUMMARY

2044 668 AAF TX (EL PASO) 72-79 NOV  
 STATION STATION NAME YEARS MONTH  
 PAGE 2 1200-1400  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
10 / 1*																					28
11 / 11																					17
12 / 2																					4
13 / 7																					1
14 / 2																					3
15 / 1																					2
16 / 1																					2
17 / 1																					2
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113 / 1																					2
114 / 1																					2
115 / 1																					2
116 / 1																					2
117 / 1																					2
118 / 1						</															

CLIMATE CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR FATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 1966 AAF IX (EL PASO) 72-79 NOV  
 STATION STATION NAME YEARS MONTH

PAGE 1 1570-1700  
 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
57/57																		3	3	
57/51													.1				.4	6	4	
7/74												.4	.3	.8				11	11	
7/77												1.2	1.4	.4				26	26	
6/74							.1					.6	1.1	1.3	.3	.1		25	25	
4/73											.3	1.3	1.7	1.1				31	31	
2/71								.6	.1	.7	2.2	2.0	.3	.1				50	50	
2/69								.1		.7	1.0	1.4	1.7	1.5	1.9			61	61	
1/67					.1	.3	.4	.6	1.1	1.9	2.5	1.7	1.7	.6				61	51	
6/61					.4	.4	.3	.3	1.8	1.4	1.4	1.0						50	50	
4/61					1.3	.1		.6	2.6	1.4	1.7	.3						55	55	
1/59				.3	.4	.4	.6	1.1	2.5	.7	2.2	.2						64	64	
1/57		.1	.1	.3	1.0	1.0	2.5	1.4	1.3	1.0								63	63	5
0/55		.7	.3	.6	.4	.6	.8	2.2	.7									45	45	39
4/53			.3	.1	.7	.7	.6	.3	.3									21	21	39
1/51			.1	.1	.4	.7	.1	.1	1.1									20	20	88
1/47			.3	.7	.3	.3	1.0	.6										26	26	114
6/47				.1	.1	.3	.4	.1										8	8	108
1/45					.7	1.1												12	12	78
4/43					.1	.6												5	5	61
2/41			.1	.1	.3	.1	.1											6	6	57
1/39		.3	.4															5	5	40
3/37			.1															1	1	22
1/35			.7															5	5	12
34/33			.1															1	1	19
1/31		.1	.3	.3														5	5	19
1/27		.1																1	1	2
1/27			.3															2	2	3
1/25			.1															1	1	2
4/23																				2
2/21			.1															1	1	1
1/17																				1
1/17																				33
Element (X)	Σx'	Σx	Σ	Σx	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH  
 DIRECTOR  
 2. WEATHER SE VICE/MAC

PSYCHROMETRIC SUMMARY

2 44 WISGS AAF TX (EL PASO) 72-79 NOV  
 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		
1 / 1																						4	
2 / 2																						2	
3 / 3																						17	
4 / 4																						4	
5 / 5																						5	
6 / 6																						1	
7 / 7																						1	
8 / 8																						1	
9 / 9																						1	
10 / 10																						1	
11 / 11																						1	
12 / 12																						1	
13 / 13																						1	
14 / 14																						1	
15 / 15																						1	
16 / 16																						1	
17 / 17																						1	
18 / 18																						1	
19 / 19																						1	
20 / 20																						1	
21 / 21																						1	
22 / 22																						1	
23 / 23																						1	
24 / 24																						1	
25 / 25																						1	
26 / 26																						1	
27 / 27																						1	
28 / 28																						1	
29 / 29																						1	
30 / 30																						1	
31 / 31																						1	
TOTAL		1.4	2.5	2.8	4.9	5.4	6.9	11.5	16.8	10.7	11.5	9.2	9.7	4.7	2.2	.7		720			720		
																	720			720			

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	75974	221.4	6.2	16.413	720							
Dry Bulb	2890909	45057	62.6	9.950	720		1.7	34.3	12.8	1.5		67
Wet Bulb	1573325	33332	46.3	6.422	720		3.3					37
Dew Point	654361	20421	28.4	10.225	720	1	62.3					90

5624  
 USAFETAC FORM 0-26-5 (OLA)  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH  
AFCE/AC  
AFCE/PAT/FW SERVICE/4AC

# PSYCHROMETRIC SUMMARY

2 44 STATION 665 AAF TX (EL PASO) 72-79 YEARS MONTH NOV PAGE 1 1607-2000 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
70																		1	1		
71																		3	3		
72																		7	7		
73																		12	12		
74																		19	19		
75																		35	35		
76																		31	31		
77																		47	47		
78																		46	46		
79																		45	45		
80																		79	79	16	5
81																		71	71	24	6
82																		70	70	29	17
83																		57	57	35	11
84																		40	40	73	10
85																		35	35	24	11
86																		32	32	110	16
87																		17	17	76	29
88																		15	15	63	27
89																		14	14	60	22
90																		8	8	33	51
91																		11	11	22	39
92																		5	5	24	56
93																		6	6	21	45
94																		3	3	14	47
95																		2	2	12	46
96																		1	1	4	44
97																		2	2	1	35
98																		1	1	1	33
99																		1	1	1	36
100																		1	1	1	27
101																		1	1	1	18
102																					
Element (X)	Σx <sup>2</sup>	Σx	$\bar{x}$	$\sigma_x$	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 44 0-26-5 (OL A) REvised previous editions of this form are obsolete







FEDERAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR FORCE WEATHER SERVICE/HAF

# PSYCHROMETRIC SUMMARY

244 STATION (LGS AAF IX (EL PA 10)) STATION NAME 72-79 YEARS NOV MONTH

468 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
77																		2	2		
76																		5	5		
75																		8	8		
74																		13	13		
73																		17	17		
72																		31	31		
71																		40	40		
70																		37	37	7	1
69																		42	42	11	5
68																		44	44	27	14
67																		82	82	28	9
66																		74	74	35	16
65																		73	73	74	11
64																		48	48	72	16
63																		45	45	76	20
62																		24	24	80	41
61																		38	38	73	37
60																		28	28	58	44
59																		13	13	37	38
58																		14	14	37	58
57																		15	15	32	53
56																		4	4	29	45
55																		1	1	16	52
54																		5	5	14	33
53																					41
52																		3	3		47
51																					23
50																		1	1	1	38
49																					25
48																					2
47																		3	3	3	3

FORM 44 0-26: (OL A) REPRODUCED BY PERMISSION OF THE NATIONAL BUREAU OF STANDARDS  
 WAFETAC



USAF METAC  
 METAC  
 METAC SERVICE / PAC

**PSYCHROMETRIC SUMMARY**

2 44 35 WAF IX (EL PASO) 75-79 MONTH NDy  
 STATION STATION NAME YEARS 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																	
7 / 70																																		3	3		
7 / 71																																		12	12		
7 / 72																																		21	21		
7 / 73																																		44	44		
7 / 74																																		56	56		
7 / 75																																		70	70		
7 / 76																																		106	106		
7 / 77																																		145	145		
7 / 78																																		183	183		
7 / 79																																		191	191		
7 / 80																																		210	210		
7 / 81																																		249	249		
7 / 82																																		293	293	11	
7 / 83																																		308	308	30	
7 / 84																																		362	362	129	17
7 / 85																																		329	329	184	47
7 / 86																																		327	327	311	102
7 / 87																																		349	349	384	71
7 / 88																																		339	339	470	90
7 / 89																																		329	329	510	122
7 / 90																																		318	318	560	135
7 / 91																																		270	270	540	192
7 / 92																																		250	250	510	250
7 / 93																																		249	249	450	324
7 / 94																																		185	185	371	585
7 / 95																																		134	134	307	369
7 / 96																																		130	130	258	449
7 / 97																																		90	90	204	465
7 / 98																																		61	61	166	422
7 / 99																																		50	50	117	367
7 / 100																																		14	14	99	299
7 / 101																																		16	16	52	267
7 / 102																																		19	19	27	318
7 / 103																																		3	3	17	200
Element (X)	Σ X <sup>2</sup>	Σ X	X	X <sup>2</sup>	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																																					

USAF METAC FORM 84 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# PSYCHROMETRIC SUMMARY

UNITED STATES AIR FORCE  
 WING

STATION

244 65th AFB (EL PASO)

72-78

YEARS

MONTH

PAGE 2

ALL MONTHS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
1		.1																6	5	0	257	
2		.2																6	6	6	215	
3		.3																3	3	4	146	
4		.4																2	2	4	79	
5		.5																3	3	3	47	
6		.6																5	5	1	51	
7		.7																3	3	7	24	
8		.8																			12	
9		.9																			7	
10		1.0																			3	
11	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1				4	
12	1.1	3.1	7.1	12.0	11.7	11.1	9.1	9.4	7.5	5.1	4.1	2.7	2.4	1.1							5	
13																		5759			5759	
14																						
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97																						
98																						
99																						
100																						
Element (X)	Σx <sup>2</sup>	Σx	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	1,262,211	277,425	45.22	22.434	5759	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	72										
Dry Bulb	154,863,61	291,889	50.71	2.448	5759		51.4	80.0	25.8	3.1		72										
Wet Bulb	796,170.2	234,560	40.78	4.20	5759		121.3					72										
Dew Point	413,749	165,415	28.71	0.727	5759	1.4	439.1					72										

5027  
 USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUN 64

FEDERAL BUREAU OF SURVEY  
 METEOROLOGICAL SERVICE/MAC

# PSYCHROMETRIC SUMMARY

44 065 SAF TX (EL PASO)  
 STATION STATION NAME

72-73  
 YEARS

DEC  
 MONTH

PAGE 1 8089-0200  
 HOURS (L. S. T.)

USAFETAC FORM 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
57-60																		1	1		
57-61																		4	4		
57-69																		9	9		
57-57																		7	7		
57-55																		10	10		
57-55																		15	15		
57-55		.1																28	28		
57-55		.1	.1															27	27		
57-54			.3	.7	.7	.1												27	27	4	3
57-47	.1	.5	.5	.9	1.2	.8	1.6	.7	.4									52	52	9	2
57-47	.1	.5	.7	.9	1.1	.7	1.6	.7	.5									41	41	20	3
57-47		.5	.7	.3	1.1	.5	.7	.5										25	25	21	5
57-41		.4	.5	1.1	1.2	1.1	.3	.1										37	37	36	3
57-41		.4	.7	1.6	1.6	1.5												43	43	36	19
57-37	.4	.7	1.5	1.5	2.4	1.1	.1											57	57	47	20
57-37	.1	.9	2.8	.5	2.8	.8	.1											63	63	41	1
57-33		3.7	1.1	2.3	1.3	.8												63	63	69	17
57-31	.4	4.0	1.6	1.7	1.5	.1												70	70	92	41
57-27		2.2	3.9	1.2	.8													64	64	70	58
57-27	.5	1.6	1.5	.9	.5													38	38	82	56
57-25	.4	.5	.8	1.2	.3													24	24	60	70
57-25	.1	.4		.3														6	6	43	39
57-21	.1	.3	.5	.3														9	9	22	47
57-17	.4	.5		.3														9	9	20	73
57-17				.7														2	2	7	60
57-17				.1														1	1	2	41
57-17			.1	.3														2	2	3	51
57-11																					2
57-7																				2	10
57-7																					17
57-7																					12
57-7																					19
57-7																					10
57-7																					3
Element (X)	Z <sub>x</sub> <sup>2</sup>	Z <sub>x</sub>	Z	e <sub>x</sub>	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																					



U.S. AIR FORCE CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 GS AAF TX (EL PASO) STATION NAME

72-75 YEARS

DEC 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																
9								.3	.3	.8	.3							12	12																		
10							.1	.4	.7	.1								7	7																		
11				.1	.3	.4	.4	.5	.1									12	12																		
12			.4	.1	.1			.7	.4									9	9																		
13		.1		.5	.7	.1	.1	.7	.1									17	17	3																	
14		.1		.5	.3	.5	.3	.5	.3									15	15	1	3																
15		.9	.7	.9	.3	.3	.3	.5										33	33	6	1																
16	.1	.7	.9	.4	.7	2.0	1.5	.4										50	50	23	5																
17	.1	1.2	.5	.7	.5	.9	.8	.7										43	43	34	7																
18	.1	.7	1.1	2.2	1.1	.1												39	39	29	17																
19	.1	.7	.1	1.7	2.6	1.1	.1											48	48	26	14																
20		.3	.5	1.3	2.0	.7												47	47	35	16																
21		1.0	1.5	1.2	1.6	.5												48	48	36	21																
22	.2	1.6	2.6	1.3	.9	.1												51	51	35	16																
23	.4	3.6	1.2	3.5	1.7	.8												85	85	72	32																
24	1.5	2.2	1.7	3.9		.1												63	63	94	37																
25	.8	3.8	2.0	.8	.3													57	57	61	52																
26	.7	1.3	1.5	1.1														31	31	28	71																
27	.5	1.1	.7	1.1														25	25	52	52																
28	.7	1.1	.5	.3														23	23	33	35																
29	.1	.7	.8	.5														16	16	23	77																
30		.5	.5	.1														7	7	14	60																
31	.1		.3	.1														4	4	14	54																
32			.1	.1														2	2	5	51																
33																				3	29																
34																				2	23																
35																				1	14																
36																					4																
37																					22																
38																					11																
39																					2																
40																					3																
41																					6																
42																					7																
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	Z̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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







FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

2 44 STATION 355 FAF TX (EL PASO) STATION NAME 22-79 YEARS MONTH

PAGE 1 2600-2300  
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															
31											.1	.1						1	1																	
32											.1	.1	.3					4	4																	
33							.2	.5										6	6																	
34			.1	.1	.7	.2	.4	.5	.3									6	6																	
35		.1	.1		.7	.4	.4	.4	.4									14	14																	
36				.2	.7	.4	.4	.4	.4									16	16																	
37			.1	.5	.1	.3	.5	.9										19	19		3															
38		.4	.7	.3	.7	.4	.7	.7										28	28																	
39	.1	.2	.9	.3	.4	1.2	.3	.1										35	35	21	5															
40		.5	.9	.5	1.5	1.6	.7	.3										47	47	28	4															
41	.3	.7	.7	1.1	1.1	.7	.1											34	34	24	12															
42	.9	.8	1.2	2.7	2.7	1.2	.5											65	65	34	21															
43	.1	.4	1.6	1.3	1.7	.7												44	44	42	19															
44		.9	1.7	1.3	1.2	.5												43	43	49	17															
45	.1	2.2	1.2	2.4	1.6	.3												57	57	66	13															
46	.7	4.2	2.4	2.6	.7	.7												95	85	70	14															
47	.9	2.7	2.4	3.1	.9													74	74	90	49															
48	.8	3.2	1.9	1.2	.3													55	55	76	56															
49	.5	2.4	1.2	.8														37	37	82	57															
50	.7	1.1	.3	.4														16	16	62	42															
51	.7	1.2	.7	.5														23	23	33	60															
52	.2	.8	.3	.7														15	15	25	84															
53	.1	.3	.7	.5														12	12	16	60															
54		.1	.1	.1														3	3	12	44															
55			.1															1	1	9	44															
56			.1															1	1	2	21															
57			.1															1	1	2	34															
58																				1	15															
59																				1	8															
60																					5															
61																					13															
62																					3															
63																					5															
64																					2															
Element (X)	$\Sigma X^2$	$\Sigma X$			$\bar{X}$	$\sigma_x$	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 68





LOCAL CLIMATOLOGY BRANCH  
 TAC  
 WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

2044 1625 AAF IV (E. BASO) 72-79 DEC  
 STATION NAME 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															
1																																				
2																																				
3																																				
4	2.2	5.9	3.6	13.2	13.4	17.1	15.9	10.1	6.2	4.4	2.9	.8	.3					744	744	744	744															

5831  
 USAFETAC FORM 0-26-5 (OL A) REV. 64  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Σx'	Σx	X̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	1.74407	343.3	47.8	20.588	744						
Dry Bulb	1636.156	3431.8	46.1	8.526	744		4.0				9.3
Wet Bulb	1130.175	2792.7	36.9	5.871	744		20.5				9.3
Dew Point	691.097	1776.7	23.6	9.415	744		77.0				9.3

USAFETAC  
 AIR FORCE  
 CLIMATE SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 71 GS AAF TX (FL PASO) 72-79  
 STATION STATION NAME YEARS

DEC  
 MONTH

PAGE 1 1200-1410  
 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		x 31	Dry Bulb	Wet Bulb
71																		1	1	
70																		3	3	
69																		6	6	
68																		5	5	
67																		21	21	
66																		29	29	
65																		31	31	
64																		54	54	
63																		55	55	
62																		66	66	
61																		54	54	
60																		66	66	
59																		58	58	
58																		55	55	
57																		43	43	
56																		25	25	
55																		16	16	
54																		6	6	
53																		6	6	
52																		17	17	
51																		8	8	
50																		4	4	
49																		3	3	
48																		1	1	
47																		1	1	
46																		1	1	
45																		1	1	
44																		1	1	
43																		1	1	
42																		1	1	
41																		1	1	
40																		1	1	
39																		1	1	
38																		1	1	
37																		1	1	
36																		1	1	
35																		1	1	
34																		1	1	
33																		1	1	
32																		1	1	
31																		1	1	
30																		1	1	
29																		1	1	
28																		1	1	
27																		1	1	
26																		1	1	
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11																		1	1	
10																		1	1	
9																		1	1	
8																		1	1	
7																		1	1	
6																		1	1	
5																		1	1	
4																		1	1	
3																		1	1	
2																		1	1	
1																		1	1	
0																		1	1	
Σ X²																				
Σ X																				
X̄																				
σ <sub>x</sub>																				
No. Obs.																				
Mean No. of Hours with Temperature																				
Rel. Hum.																				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 44 0-26-5 (OL A) REVISION NUMBER OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE CLIMATOLOGICAL BRANCH  
 WET BULB TEMPERATURE DEPRESSION (F)  
 STATION NAME

# PSYCHROMETRIC SUMMARY

2044 1956 AAF T (EL PASO) 72-79 DEC MONTH

PAGE 2 1200-1-66 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
/ -																					57
/ 1																					5
/ 2																					7
/ 3																					4
/ 4																					8
/ 5																					2
/ 6																					1
/ 7																					1
/ 8																					1
/ 9																					1
/ 10																					1
/ 11																					1
/ 12																					1
/ 13																					1
/ 14																					1
/ 15																					1
/ 16																					1
/ 17																					1
/ 18																					1
/ 19																					1
/ 20																					1
/ 21																					1
/ 22																					1
/ 23																					1
/ 24																					1
/ 25																					1
/ 26																					1
/ 27																					1
/ 28																					1
/ 29																					1
/ 30																					1
/ 31																					1
TOTAL																		744	744	744	
Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	117214	25167	34.5	19.297	744	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93									
Dry Bulb	2292077	40703	54.7	8.696	744			2.1	1.5			93									
Wet Bulb	1286171	31641	41.2	5.305	744		4.9					93									
Dew Point	490199	1711	24.1	9.601	744		77.1					93									

5032 USAFETAC FORM 0-26-5 (OLA) REVISED WITHOUT INDICATION OF THIS FORM ARE OBSOLETE

USAFETAC FORM 316-5 (OL-A) REVISED SERVICES SERVICES OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

### PSYCHROMETRIC SUMMARY

2004 BIGGS AFB TX (EL PASO) 72-79 YEARS DEC 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
67/75															.1	.3		3	3	
64/73														.6	.3		5	5		
72/71											.5	.3	.9				13	13		
70/69										1.3	1.3	2.0	.3				37	37		
67/67									.3	.4	.3	1.7	.1				21	21		
67/65									.5	.4	.8	2.2					29	29		
64/63					.1	.3	.1	.7	.8	1.7	3.2	1.3	.3				64	64		
62/61					.3	.3	.3	.7	1.1	2.2	1.9	.1					70	50		
62/59				.1	.1	.9	.7	2.4	2.2	2.2	.1						65	65		
62/57			.3			1.3	1.5	1.7	1.6	2.2	.3						66	66		
57/49			.1	.1	.5	.4	.9	3.5	2.0	2.0	.4						75	75	2	
67/53	.3		.3	.1	.8	1.9	2.4	2.3	1.5								71	71	7	
62/51	.1	.3	.1	.1	.5	3.2	2.3	1.5									61	61	15	
63/49		.1	.3	.1	.5	1.3	1.1	1.2									43	43	42	
65/47	.1	.3	.7	.1	.8	.8	1.2	.8	.4								39	39	66	
64/45		.7	.8	1.1	1.1	1.1	1.3	.3									47	47	91	
64/43	.4	.3			.3	.4	.5	.5									18	18	109	
62/41	.1	.7			.1	.1	.1										9	9	105	
60/39								.1									1	1	110	
63/37			.1														1	1	81	
66/35	.3	.8			.1	.3											11	11	40	
64/33	.5				.1												5	5	70	
67/31	.1		.3														3	3	16	
66/29	.5	.1															5	5	17	
67/27	.3																2	2	8	
67/25																			1	
64/23																				
62/21																				
61/19																				
67/17																				
66/15																				
64/13																				
62/11																				
61/9																				
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						< 60 F	< 62 F	> 67 F	> 73 F	> 80 F	> 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				



GLOBAL CLIMATOLOGY BRANCH  
USAF/TAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23144 1365 AAF TX (EL PASO)  
STATION STATION NAME

72-70  
YEARS

DEC  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
7																					15
8																					10
9																					4
10																					2
11																					7
12																					2
13																					2
TOTAL	2.3	4.0	2.2	4.7	7.1	11.2	14.0	14.4	12.5	10.9	7.1	3.8	0.7					744	744	744	

Element (X)	$\Sigma x^1$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1048916	24150	32.5	14.15	744							
Dry Bulb	2371407	41517	55.8	8.577	744		1.3	0.9	1.0			93
Wet Bulb	1308365	30955	41.6	5.246	744		5.0					93
Dew Point	480147	17439	23.4	9.802	744	1.4	77.1					93

5833  
 FORM 0-26-5 (O.L.A.) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 USAF/TAC



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2044 WINGS AAF TX (EL PASO)  
STATION STATION NAME

72-79  
YEARS

DEC  
MONTH

PAGE 1

1800-2400  
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																
69																																1	1			
67																																4	4			
65																																19	19			
63																																18	18			
61																																15	15			
59																																27	27			
57																																33	33			
55																																35	35			
53																																50	50	1		
51																																61	61	3	1	
49																																61	61	11	3	
47																																58	58	27	4	
45																																72	72	48	8	
43																																69	69	51	2	
41																																57	57	66	8	
39																																46	46	91	16	
37																																43	43	101	27	
35																																34	34	106	19	
33																																22	22	60	28	
31																																14	14	63	49	
29																																7	7	45	53	
27																																6	6	31	58	
25																																			14	61
23																																1	1	13	38	
21																																			56	
19																																			53	
17																																			45	
15																																			42	
13																																			26	
11																																			21	
9																																			19	
7																																			10	
5																																			7	
3																																				
Element (X)	Σx'	Σx	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2004 21365 AAF IX (EL PASO) 72-79 06C  
STATION NAME YEARS 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
1/ 67																	.1	1	1		
6/ 65																	.3	.4	5	5	
14/ 63									.1	.1	.1	.1	.3					6	6		
27/ 61																	.4	.8	18	18	
5/ 59							.1	.1	.1	.7	.4	.3	.1					14	14		
18/ 57					.1	.1	.5	.7	.8	.5	.9	.1	.1					26	26		
50/ 55			.3		.5	.3	.8	.5	.4	.7								26	26		
47/ 53			.4		.4	.3	.4	.9	.1									22	22		
17/ 51		.1	.7	1.2	.9	1.2	1.6	1.2	.3									54	54	3	
51/ 49	.1	.4	.9	.9	1.1	.4	.9	.1										37	37	7	
41/ 47		.4	.1	.7	.8	.9	2.0	1.2	.3									48	48	19	
46/ 45		.1	.5	.3	.9	1.9	1.1	.4										39	39	41	
44/ 43		.1	.4	.7	1.7	1.6	.7	.1										40	40	43	
27/ 41		.7	.9	1.7	1.3	2.3	.7											57	57	41	
77/ 39		1.1	.5	1.3	2.6	1.6	.5											57	57	52	
77/ 37		.5	3.0	2.0	2.3	1.1												66	66	67	
71/ 35		.9	2.6	.9	2.3	1.3												60	60	70	
30/ 33		2.4	2.2	1.3	.9	1.1												59	59	92	
42/ 31	.3	.8	2.2	1.3	.7	.5												43	43	88	
40/ 29	.7	.4	1.1	.9	1.5													34	34	69	
27/ 27	.3	.5	.5	.7														15	15	61	
20/ 25	.3	.4	.1	.1	.4													10	10	29	
17/ 23	.1		.1															2	2	31	
22/ 21	.1				.1													2	2	16	
27/ 19			.4															3	3	2	
18/ 17																				3	
17/ 15																				58	
13/ 13																				4	
12/ 11																				25	
11/ 9																				11	
6/ 7																				21	
5/ 5																				17	
4/ 3																				7	
1/ 1																				5	
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	X	X <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (01-A) RETIRED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2044 BIGGS AAF TX (EL PASO) 72-79 DEC  
 STATION STATION NAME YEARS 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														
1 / 4			6																1	1	6	194													
1 / 7																						1	121												
2 / 5																						1	74												
4 / 2																							75												
1 / 1																							60												
1 / -1																							31												
1 / -3																							22												
-1 / -5																							20												
-1 / -7																							7												
-1 / -9																							5												
-1 / -11																							5												
-1 / -13																							2												
-14 / -15																							4												
-15 / -17																							1												
TOTAL	2.7	19.8	11.6	13.0	13.1	11.5	9.8	8.9	6.7	5.0	3.8	1.9	.9	.2	.0				5951	5951	5951	5951													
Element (X)	Σx'	Σx	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	16448134	232704	47.5	22.671	5951	≤ 0 F	≤ 32 F	≤ 37 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	12619216	265064	44.5	11.689	5951		172.0	19.3	2.3			744																							
Wet Bulb	7874807	211515	35.5	7.746	5951		258.3					744																							
Dew Point	3671111	135346	22.7	9.978	5951	12.1	633.1					744																							

5036  
 USAFETAC FORM NO. 04 0-26-5 (OL A) REVISED THROUGH EDITIONS OF THIS FORM ARE OBSOLETE





GLOBAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2044 BIGGS AAF TX (EL PASO) 72-80 ALL  
 STATION STATION NAME YEARS 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
4/ 43	.0	.3	.3	.5	.6	.5	.3	.1										1811	1811	3909	1996
2/ 41	.0	.3	.5	.5	.5	.4	.2	.0										1643	1643	3714	2143
4/ 39	.0	.3	.4	.5	.5	.3	.1	.0										1599	1599	3543	2392
4/ 37	.0	.3	.5	.4	.4	.3	.1											1403	1403	3230	2752
1/ 35	.1	.4	.5	.4	.4	.2	.1											1279	1279	2703	2924
3- / 33	.0	.4	.4	.4	.4	.1	.0											1055	1055	2464	2925
2/ 31	.1	.5	.4	.3	.2	.1	.0											1039	1039	1954	3940
2- / 29	.1	.3	.3	.3	.1	.0												726	726	1564	3631
2- / 27	.1	.3	.2	.1	.0	.0												490	490	1245	3744
4- / 25	.0	.2	.1	.0														337	337	994	3568
4- / 23	.0	.1	.1	.0	.0													192	192	619	2780
2- / 21	.0	.1	.0	.0	.0													145	145	333	3117
1- / 19	.0	.1	.0	.0														110	110	215	3345
1- / 17	.0	.0	.0	.0														36	36	96	2397
1- / 15	.0	.0	.0	.0														23	23	51	1899
1- / 13	.0	.0	.0	.0														12	12	27	1547
1- / 11	.0	.0	.0	.0														4	4	15	1109
1- / 9	.0	.0	.0	.0														3	3	11	884
1- / 7	.0	.0	.0	.0														3	3	8	548
1- / 5	.0	.0	.0	.0														1	1	2	341
4/ 3	.0	.0	.0	.0														3	3	7	263
2/ 1																					211
1- / -1																					123
1- / -3																					71
1- / -5																					59
1- / -7																					18
1- / -9																					10
1- / -11																					8
1- / -12																					2
1- / -15																					1
1- / -17																					1
TOTAL	1.0	6.1	7.2	7.9	8.4	9.6	8.1	8.2	7.3	6.4	5.8	5.2	4.4	3.9	3.4	2.7	5.6	70078	70078	70078	70078
Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	X	σ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature:															
Rel. Hum.	158981252	2916252	41.623.016	70078	±0 F	±32 F	±67 F	±73 F	±80 F	±93 F	Total										
Dry Bulb	374182324	4437894	63.318.179	70078	390.4	3964.8	2896.9	1830.0	469.0	8767											
Wet Bulb	178166252	3428468	48.912.202	70078	897.4	416.0	1.2	8766													
Dew Point	102985312	2462004	35.215.109	70078	36.0	4190.2	24.4	8766													

FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 USAF/TAC  
 5037



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23044 BIGGS AAF TX (EL PASO)

72-80

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ANNUAL
00-02	MEAN	38.4	42.1	49.1	56.0	64.6	74.6	74.8	72.9	66.5	55.7	44.3	38.7	56.5
	S. D.	6.145	9.033	8.929	9.690	8.348	7.907	5.754	5.503	7.067	7.590	9.619	9.694	15.718
	TOTAL OBS	743	678	744	719	744	720	744	743	720	742	720	744	8761
03-05	MEAN	36.3	39.1	45.3	51.3	60.0	68.7	71.3	69.5	63.4	52.5	41.2	36.0	52.9
	S. D.	8.633	9.357	9.031	9.551	8.195	7.094	4.997	4.893	6.722	7.524	9.543	9.540	15.150
	TOTAL OBS	744	677	744	720	744	718	744	744	719	743	720	744	8761
06-08	MEAN	35.3	38.3	45.2	53.2	63.8	73.4	74.2	71.6	64.8	53.9	41.7	35.4	54.3
	S. D.	8.286	9.060	8.615	9.490	8.006	7.229	5.752	5.273	7.083	7.954	9.432	9.197	16.468
	TOTAL OBS	744	678	744	720	744	719	744	744	719	742	720	744	8762
09-11	MEAN	44.7	49.1	57.0	66.0	75.0	86.0	84.5	82.3	75.8	67.1	53.6	46.1	65.6
	S. D.	7.922	8.229	8.344	9.189	7.851	7.096	6.597	5.863	8.129	8.636	9.397	8.526	16.736
	TOTAL OBS	744	678	743	719	744	720	744	744	720	741	719	744	8760
12-14	MEAN	52.0	57.8	65.3	73.9	82.5	93.8	91.3	89.5	82.9	75.1	61.7	54.7	73.4
	S. D.	8.344	9.199	8.695	9.294	7.867	6.951	7.015	6.582	9.296	9.470	10.000	8.696	16.572
	TOTAL OBS	743	677	744	720	743	717	744	744	720	741	720	744	8757
15-17	MEAN	54.2	60.4	67.5	76.1	84.2	95.8	92.5	90.6	84.0	76.0	62.6	55.8	75.0
	S. D.	8.489	9.598	8.746	9.311	8.018	7.059	8.171	7.091	9.336	9.627	9.950	8.577	16.552
	TOTAL OBS	743	678	744	720	744	719	744	743	720	744	720	744	8763
18-20	MEAN	46.7	53.0	60.8	69.4	78.0	89.9	87.0	84.1	76.7	66.2	53.0	47.1	67.7
	S. D.	7.946	9.063	9.020	9.739	8.764	8.202	8.632	7.215	8.651	8.539	9.480	8.789	17.276
	TOTAL OBS	744	677	744	719	744	720	744	741	719	743	720	743	8758
21-23	MEAN	41.8	46.6	53.8	61.3	70.0	80.8	79.7	77.8	70.3	59.6	47.4	42.5	61.0
	S. D.	8.163	9.039	8.794	9.594	8.157	8.014	6.789	5.739	7.458	7.849	9.590	9.539	16.263
	TOTAL OBS	744	678	744	720	743	719	744	741	720	744	720	744	8761
ALL HOURS	MEAN	43.6	48.3	55.5	63.4	72.3	82.9	81.9	79.7	73.1	63.3	50.7	44.5	63.3
	S. D.	10.538	11.966	11.927	12.954	11.743	12.038	10.203	9.730	10.987	12.082	12.448	11.689	18.179
	TOTAL OBS	5949	5421	5951	5757	5950	5752	5952	5944	5757	5940	5759	5951	70083

GLOBAL CLIMATOLOGY BRANCH  
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 AIR WEATHER SERVICE/MAC

### MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23044 BIGGS AAF TX (EL PASO) 72-80

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	33.4	35.0	37.8	42.1	49.0	55.7	62.7	61.4	57.9	47.9	37.6	32.2	46.1
	S D	6.659	7.193	6.122	6.556	5.468	5.039	3.014	3.428	5.596	6.722	7.955	7.327	12.371
	TOTAL OBS	743	678	744	719	744	720	744	743	720	742	720	744	8761
03-05	MEAN	32.1	33.1	35.9	40.0	47.3	53.8	61.8	60.5	56.6	46.3	35.7	30.6	44.5
	S D	7.053	7.584	6.445	6.994	5.699	5.405	3.271	3.621	5.943	7.164	8.136	7.660	12.730
	TOTAL OBS	744	677	744	720	744	718	743	744	719	743	720	744	8760
06-08	MEAN	31.4	32.8	36.1	41.3	49.8	56.6	63.1	61.9	57.7	47.2	36.0	30.3	45.4
	S D	6.884	7.556	6.216	6.957	5.537	4.963	3.092	3.321	5.852	7.351	8.138	7.499	13.344
	TOTAL OBS	744	678	744	720	744	719	744	744	719	742	720	744	8762
09-11	MEAN	36.7	39.0	42.5	47.5	54.3	61.2	66.0	65.1	61.6	53.4	42.7	36.9	50.6
	S D	5.919	5.846	5.042	5.881	4.577	4.054	2.339	2.333	4.864	6.049	7.104	5.871	11.846
	TOTAL OBS	744	677	743	719	744	720	744	744	720	741	719	744	8759
12-14	MEAN	40.7	43.0	45.3	50.3	56.2	62.5	66.9	65.9	62.9	55.9	46.2	41.2	53.2
	S D	5.642	5.502	4.686	5.284	4.043	3.451	2.084	2.171	4.346	5.511	6.586	5.305	10.542
	TOTAL OBS	743	677	743	720	743	717	744	743	720	741	720	744	8755
15-17	MEAN	41.5	43.8	46.4	50.6	56.2	62.4	66.4	65.4	62.4	55.6	46.3	41.6	53.3
	S D	5.426	5.430	4.488	4.887	3.636	3.082	2.123	2.153	4.123	5.314	6.422	5.246	10.067
	TOTAL OBS	743	678	744	720	744	719	744	743	720	744	720	744	8763
18-20	MEAN	37.9	40.3	43.2	47.7	54.0	60.3	64.9	63.8	60.5	52.1	42.0	37.1	50.4
	S D	5.824	5.806	4.894	5.296	4.075	3.624	2.381	2.652	4.692	5.916	7.150	6.022	11.093
	TOTAL OBS	744	677	744	719	744	720	743	741	719	743	720	743	8757
21-23	MEAN	35.3	37.3	40.1	44.4	51.2	57.8	63.5	62.5	58.8	49.5	39.2	34.5	47.9
	S D	6.444	6.694	5.483	5.818	4.855	4.491	2.791	2.964	5.324	6.471	7.735	6.879	11.816
	TOTAL OBS	744	678	744	720	743	719	744	741	720	744	720	744	8761
ALL HOURS	MEAN	36.1	38.0	41.0	45.5	52.3	58.8	64.4	63.3	59.8	51.0	40.7	35.5	48.9
	S D	7.178	7.616	6.707	7.134	5.751	5.312	3.207	3.452	5.584	7.273	8.420	7.746	12.202
	TOTAL OBS	5949	5420	5950	5757	5950	5752	5950	5943	5757	5940	5759	5951	70078

GLOBAL CLIMATOLOGY BRANCH  
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### MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

2304 BIGGS AAF TX (EL PASO) 72-80

STATION	STATION NAME												YEARS	
HRS (LST)	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	26.2	24.3	22.2	24.8	33.0	39.8	55.0	54.1	51.7	40.3	28.7	21.8	35.2
	S D	8.283	11.117	9.782	10.099	11.641	11.601	7.631	6.751	8.684	10.156	10.966	10.257	15.666
	TOTAL OBS	743	678	744	719	744	720	744	743	720	742	720	744	8761
03-05	MEAN	25.7	23.6	22.0	25.5	33.7	40.7	55.7	54.7	51.7	39.9	27.9	21.5	35.3
	S D	8.161	11.137	9.555	10.289	11.095	11.118	7.172	6.326	8.562	10.193	10.990	10.324	15.770
	TOTAL OBS	744	677	744	720	744	718	743	744	719	743	720	744	8760
06-08	MEAN	25.4	23.8	23.1	26.7	36.1	43.2	56.4	55.9	52.6	40.6	28.1	21.6	36.2
	S D	8.109	11.215	9.466	10.240	10.510	10.651	6.901	5.479	8.312	10.312	10.961	10.219	15.899
	TOTAL OBS	744	678	744	720	744	719	744	744	719	742	720	744	8762
09-11	MEAN	26.9	25.5	24.5	27.5	36.1	43.5	55.7	55.4	52.5	41.8	29.8	23.9	37.0
	S D	8.043	10.605	8.821	9.477	9.805	10.398	6.419	5.251	8.255	9.766	10.445	9.415	14.936
	TOTAL OBS	744	677	743	719	744	720	744	744	720	741	719	744	8759
12-14	MEAN	26.6	24.7	23.2	25.8	33.7	40.4	53.3	52.6	50.2	40.5	29.5	24.1	35.4
	S D	8.531	10.174	8.264	8.963	9.411	9.230	6.493	5.825	8.527	9.534	10.074	9.601	14.197
	TOTAL OBS	743	677	743	720	743	717	744	743	720	741	720	744	8755
15-17	MEAN	26.0	23.3	21.7	23.9	31.7	38.0	51.3	50.5	48.3	38.9	28.4	23.4	33.8
	S D	8.744	10.218	8.581	8.809	9.587	8.975	7.205	6.567	9.114	9.852	10.225	9.802	14.076
	TOTAL OBS	743	678	744	720	744	719	744	743	720	744	720	744	8763
18-20	MEAN	26.4	23.2	21.2	23.2	31.5	37.8	51.5	51.4	49.3	39.4	28.7	23.1	34.0
	S D	8.618	10.861	8.887	8.981	10.970	10.082	8.186	7.454	9.237	10.374	11.056	9.866	14.712
	TOTAL OBS	744	677	744	719	744	720	743	741	719	743	720	743	8757
21-23	MEAN	26.7	24.2	21.8	24.5	32.7	39.1	53.5	53.1	50.6	40.0	28.7	22.6	34.8
	S D	8.452	11.200	9.282	9.430	11.657	11.452	8.166	7.027	9.130	10.394	10.959	9.963	15.244
	TOTAL OBS	744	678	744	720	743	719	744	741	720	744	720	744	8761
ALL HOURS	MEAN	26.2	24.1	22.5	25.2	33.6	40.3	54.0	53.5	50.9	40.2	28.7	22.7	35.2
	S D	8.381	10.840	9.141	9.639	10.739	10.661	7.524	6.615	8.849	10.106	10.727	9.978	15.109
	TOTAL OBS	5043	5420	5950	5757	5950	5752	5950	5943	5757	5940	5759	5951	70878































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**RELATIVE HUMIDITY**

23044 BIGGS AAF TX (EL PASO)  
STATION STATION NAME

72-61  
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	96.5	86.3	70.9	54.4	39.2	25.3	14.5	4.7	54.8	5949
FEB		98.4	83.2	66.3	50.3	36.4	25.7	17.3	10.7	3.9	44.8	5420
MAR		96.2	68.0	43.3	26.6	15.8	7.9	4.0	1.7	.3	37.0	5950
APR		93.1	56.3	31.5	17.0	9.2	5.5	3.0	1.1	.4	27.3	5757
MAY		91.6	54.6	34.3	21.8	13.9	9.8	6.5	3.3	1.2	29.3	5950
JUN		87.3	51.2	30.7	18.8	11.2	6.4	3.6	1.8	.8	26.8	5752
JUL		99.2	84.5	65.9	48.9	34.5	23.7	14.0	8.2	2.0	43.7	5950
AUG		99.9	89.2	71.0	52.1	35.7	22.8	11.9	6.2	1.4	44.7	5943
SEP		99.9	90.5	76.7	62.0	48.2	35.4	24.6	15.4	6.0	51.6	5757
OCT		99.9	88.6	74.2	56.7	42.4	29.7	20.0	12.0	4.7	46.5	5940
NOV		99.8	89.8	73.2	56.1	41.6	30.2	20.3	10.8	3.6	48.2	5759
DEC		99.8	89.7	71.9	55.1	39.7	28.3	16.9	11.1	5.0	47.5	5951
TOTALS		97.1	78.5	60.4	44.7	32.0	22.1	14.1	8.1	2.8	41.6	70078



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APPLICATIONS CENTER

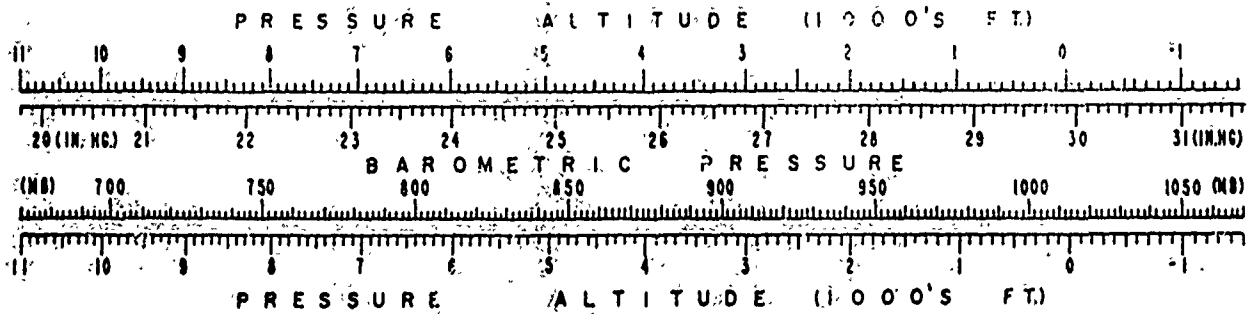
PART F PRESSURE SUMMARY

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.



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## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23044 BIGGS AAF TX (EL PASO)

72-80

STATION	STATION NAME	YEARS												
HRS (L S T L)		JAN	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN S D TOTAL OBS	26.022 .142 240	26.022 .136 226	25.926 .122 248	25.929 .110 240	25.912 .099 248	25.952 .088 238	26.005 .063 248	26.013 .067 244	26.021 .086 240	26.035 .113 248	26.031 .131 239	26.047 .150 248	25.993 .121 2913
05	MEAN S D TOTAL OBS	26.067 .148 248	26.072 .142 226	25.976 .127 247	25.968 .114 240	25.979 .100 247	26.024 .099 240	26.069 .063 248	26.073 .067 248	26.077 .086 240	26.095 .116 247	26.088 .142 240	26.070 .156 248	26.050 .125 2919
08	MEAN S D TOTAL OBS	26.053 .145 248	26.059 .142 226	25.967 .129 248	25.977 .115 239	25.969 .098 248	26.010 .088 239	26.052 .062 248	26.056 .065 248	26.064 .083 240	26.079 .116 247	26.071 .136 240	26.075 .152 248	26.036 .122 2919
11	MEAN S D TOTAL OBS	26.127 .146 248	26.126 .146 226	26.015 .131 248	26.016 .122 239	26.005 .102 248	26.052 .096 240	26.090 .063 248	26.102 .064 248	26.109 .086 240	26.126 .118 248	26.122 .142 240	26.135 .165 248	26.085 .128 2921
14	MEAN S D TOTAL OBS	25.994 .142 247	25.993 .137 224	25.895 .129 248	25.905 .118 240	25.896 .099 247	25.936 .085 239	25.984 .061 248	25.990 .064 247	26.000 .084 240	26.008 .115 248	26.001 .134 240	26.007 .153 247	25.967 .122 2915
17	MEAN S D TOTAL OBS	26.040 .143 248	26.026 .136 226	25.916 .130 247	25.912 .119 240	25.902 .103 248	25.940 .100 240	25.992 .066 248	26.005 .070 247	26.019 .090 240	26.039 .116 248	26.039 .134 240	26.049 .153 248	25.990 .128 2920
20	MEAN S D TOTAL OBS	26.014 .136 248	26.005 .131 224	25.901 .119 248	25.897 .109 239	25.881 .097 248	25.914 .087 240	25.968 .064 248	25.982 .062 247	26.002 .090 238	26.020 .112 248	26.020 .128 240	26.033 .147 247	25.970 .122 2915
23	MEAN S D TOTAL OBS	26.083 .143 248	26.075 .136 225	25.973 .124 248	25.977 .111 239	25.964 .101 247	26.003 .092 240	26.061 .064 248	26.064 .070 247	26.074 .093 240	26.084 .118 248	26.090 .132 240	26.095 .153 248	26.045 .124 2918
ALL HOURS	MEAN S D TOTAL OBS	26.050 .148 1981	26.047 .144 1803	25.946 .132 1982	25.950 .122 1916	25.939 .109 1981	25.979 .103 1916	26.028 .076 1984	26.036 .078 1976	26.046 .095 1918	26.061 .122 1982	26.058 .140 1919	26.067 .158 1982	26.017 .130 23340

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### MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HBS FROM HOURLY OBSERVATIONS

23044 BIGGS AAF TX (EL PASO)

72-80

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	1016.8	1016.1	1011.1	1010.1	1008.2	1008.5	1010.6	1011.2	1012.3	1014.2	1016.0	1017.6	1012.7
	S D	6.204	6.077	5.307	4.876	4.492	3.818	2.808	2.969	4.145	4.836	5.960	6.779	5.907
	TOTAL OBS	248	226	247	240	248	240	248	247	240	248	240	248	2920
05	MEAN	1016.9	1016.3	1011.5	1010.9	1009.3	1009.6	1011.4	1011.7	1012.8	1014.9	1016.5	1017.8	1013.3
	S D	6.341	6.197	5.442	4.899	4.424	3.808	2.755	2.917	4.001	4.821	6.058	6.821	5.798
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
08	MEAN	1018.9	1018.4	1013.5	1012.6	1010.8	1010.9	1012.7	1013.2	1014.4	1016.8	1018.4	1019.7	1015.0
	S D	6.436	6.323	5.494	5.028	4.433	3.752	2.778	2.862	3.954	4.826	6.120	6.952	5.947
	TOTAL OBS	248	226	248	240	248	239	248	248	240	247	240	248	2920
11	MEAN	1019.2	1018.3	1012.9	1011.8	1010.0	1010.1	1012.0	1012.6	1013.9	1016.1	1017.9	1019.4	1014.5
	S D	6.329	6.199	5.501	5.154	4.438	3.687	2.759	2.779	3.986	4.904	6.066	6.938	6.057
	TOTAL OBS	248	226	248	239	248	240	248	248	240	248	240	248	2921
14	MEAN	1015.7	1015.0	1009.9	1009.1	1007.5	1007.8	1009.8	1010.3	1011.4	1013.2	1014.7	1016.1	1011.7
	S D	5.17	5.982	5.453	5.053	4.513	3.604	2.752	2.835	4.079	4.843	5.912	6.862	5.789
	TOTAL OBS	248	225	248	240	247	239	248	248	240	248	240	248	2919
17	MEAN	1015.6	1014.4	1009.1	1007.9	1006.3	1006.3	1008.3	1009.0	1010.5	1012.8	1014.8	1016.2	1010.9
	S D	5.954	5.838	5.311	4.926	4.488	3.669	2.920	2.887	4.175	4.739	5.793	6.632	6.012
	TOTAL OBS	248	226	248	240	248	240	248	247	240	248	240	248	2921
20	MEAN	1017.3	1016.1	1010.8	1009.3	1007.3	1007.2	1009.4	1010.2	1012.1	1014.3	1016.4	1018.0	1012.4
	S D	5.984	5.900	5.189	4.853	4.484	3.787	3.005	2.861	4.230	4.756	5.823	6.637	6.180
	TOTAL OBS	248	225	248	240	248	240	248	247	239	248	240	248	2919
23	MEAN	1017.5	1016.4	1011.3	1010.2	1008.4	1008.5	1010.8	1011.2	1012.6	1014.4	1016.6	1017.9	1013.0
	S D	6.073	5.949	5.239	4.929	4.469	3.959	2.858	2.925	4.214	4.945	5.940	6.717	5.976
	TOTAL OBS	248	226	248	240	248	240	248	247	240	248	240	248	2921
ALL HOURS	MEAN	1017.2	1016.4	1011.3	1010.2	1008.5	1008.6	1010.6	1011.2	1012.5	1014.6	1016.4	1017.8	1012.9
	S D	6.279	6.187	5.520	5.151	4.671	4.021	3.130	3.142	4.261	4.986	6.076	6.888	6.092
	TOTAL OBS	1984	1806	1983	1919	1983	1918	1984	1980	1919	1983	1920	1984	23363