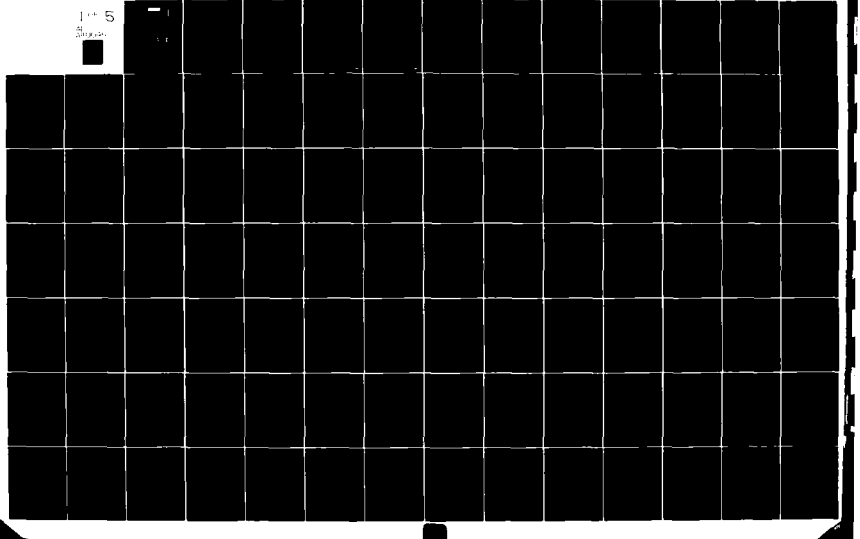
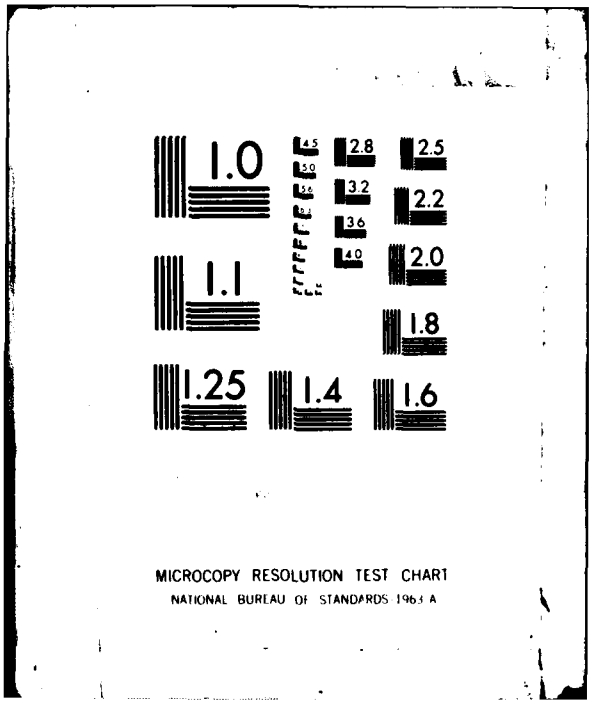
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ELLINGTON AFB, HOUSTON, TEXAS REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
AUG 81

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5.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

ELLINGTON AFB TX
N 29 37 W 095 10 FLD ELEV 40 FT EFD

WBAN #12906
WMO #

PARTS A-F
POR FROM HOURLY OBS: DEC 66 - JUL 70, AUG 72 - NOV 80

POR FROM DAILY OBS: JUL 41 - FEB 46, JAN 50 - NOV 80

TIME CONVERSION GMT TO LST: -6

AUG 14 1981

FEDERAL BUILDING
ASHEVILLE, N. C.

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

Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief

Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
AWS Scientific and technical
Information Officer (STINFO)

ADE 850 115

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4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Ellington AFB, Houston, Texas		5. TYPE OF REPORT & PERIOD COVERED Final rept. 6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12. REPORT DATE 14 AUG 81 13. NUMBER OF PAGES
14. MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)		15. SECURITY CLASS. (of this report) UNCLASSIFIED 15a. DECLASSIFICATION DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

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

18. SUPPLEMENTARY NOTES

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	Psychrometeric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

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

This report is a six-part statisitical summary of surface weather observations for Ellington AFB, Houston, 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)

DD FORM 1 JAN 73 1473

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19. Percentage frenquency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*Texas Ellington AFB, Texas

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 occurance or cumulative percentage frequency of occuring tables.

U S AIR FORCE
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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

Following each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations in the manner of presentation. The data are prepared from hourly and daily observations recorded by stations operated by the U. S. Department of Defense 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: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY	APRIL	JULY	OCTOBER
FEBRUARY	MAY	AUGUST	NOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER



STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WMO NUMBER
12906	ELLINGTON AFB TEXAS	N 29 37	W 095 10	40	EFD	

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	Ellington Field TX	AAF	Jul 41	Feb 46	N 29 36	W 095 10	45	39	24
2	Ellington AFB TX	AFB	Mar 46	Apr 53	Same	Same	39	Same	24
3	Same	Same	May 53	Apr 59	N 29 37	Same	Same	Same	24
4	Same	Same	May 59	Dec 79	Same	Same	Same	Same	24
5	Same	CIV contract to USAF	Jan 80	May 81	Same	Same	40	34	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	Jan 42	N/A	Anemometer	N/A	N/A	
2	Jan 50	Located on Tower Adjacent to the weather station.	Selsyn	ML-144B	49 ft	
3	Apr 53	1. Same	Same	Same	48½ ft	
		2. Located on top of Operations Bldg.	GMQ-1		31½ ft	
4	Apr 59	Located approximately 3750 ft NE of the Weather Station.	GMQ-11	RO-2	13 ft	
5	Sep 61	Located on top of Weather Tower.	Same	Same	40 ft	
6	Nov 61	Located Approximately 3750 ft NE of the Weather Station.	Same	Same	13 ft	
7	Jan 71	Same	GMQ-20	RO-362	13 ft	

DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
Dec 79	Same	Same	Same	Same	
Jan 80	1. Located approximately 2200 ft E of the Weather Station	GMQ-20	RO-362	13 ft	
	2. Located approximately 6500 ft S of the Weather Station	Same	Same	Same	



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A

PART A WEATHER CONDITIONS

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

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse



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

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12906	ELLINGTON AFB TX	69-70,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.9	12.8	.3			13.1	23.5	3.9			23.7	930
	03-05	1.0	14.1	.5	.3		14.6	25.8	4.5			27.3	930
	06-08	1.3	13.5	.4	.5		14.4	32.6	7.0			34.4	930
	09-11	.9	12.7	.1	.5	.1	13.4	28.9	13.8			35.2	930
	12-14	.8	13.1		.8		13.9	18.5	12.5			25.4	930
	15-17	.8	11.8		.4		12.3	16.7	9.5			22.0	930
	18-20	.8	11.0		.3		11.3	17.3	8.1			21.1	930
	21-23	.5	11.9	.2	.1		12.3	21.5	5.1			22.7	930
TOTALS		.9	12.6	.2	.4	.0	13.2	23.1	8.1			26.4	7440

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1 GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12906	ELLINGTON AFB TX	69-70,73-80	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		7.9	.4	.2		8.3	21.7	2.5		.4	22.9	846
	03-05		9.7		.4		10.0	25.3	2.6		.4	25.9	846
	06-08	.2	9.8		.6		10.2	38.2	7.2		.4	40.2	846
	09-11	.1	9.6		.6	.1	10.2	20.7	8.5		.4	26.7	846
	12-14	.4	8.3		.5	.1	8.7	9.3	8.4		.1	15.7	846
	15-17	1.3	11.0		.2		11.0	9.0	7.1			14.9	846
	18-20	.2	9.0		.2		9.0	8.6	4.4			11.8	846
	21-23		7.8	.1	.1		7.9	13.8	4.4			16.1	846
TOTALS		.3	9.1	.1	.4	.0	9.4	18.3	5.6		.2	21.8	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

1[illegible]6	ELLINGTON AFB TX	69-7[illegible],73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	1.8	7.5				7.5	17.7	3.2		.1	18.6	930
	03-05	1.7	11.4				11.4	24.0	4.0		.3	24.9	930
	06-08	1.1	11.2				11.2	36.7	9.9		.6	39.6	930
	09-11	1.0	12.2				12.2	19.8	10.2		.6	26.1	930
	12-14	1.4	13.1				13.1	9.8	7.7		.8	16.7	930
	15-17	1.2	14.1				14.1	11.8	11.4		.4	20.8	930
	18-20	1.5	11.8				11.8	13.3	8.7		.2	19.2	930
	21-23	.9	8.0				8.0	14.1	3.9			15.9	930
TOTALS		1.3	11.2				11.2	18.4	7.4		.4	22.7	7440

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13906	ELLINGTON AFB TX	69-70,73-80	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	1.6	8.1				8.1	18.4	3.4		.1	19.1	900
	03-05	2.0	8.6				8.6	24.2	4.1			24.4	900
	06-08	2.4	8.0				8.0	36.7	13.9			41.0	900
	09-11	2.1	8.1				8.1	10.1	8.5			15.1	899
	12-14	3.1	9.6				9.6	7.0	6.2			11.7	900
	15-17	1.3	7.7				7.7	5.8	6.1			10.0	900
	18-20	1.1	6.3				6.3	8.7	10.0			14.7	900
	21-23	1.6	5.8				5.8	11.1	3.8		.1	12.2	898
TOTALS		1.9	7.8				7.8	15.3	7.0		.0	18.5	7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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WEATHER CONDITIONS

13966	ELLINGTON AFB TX	69-70,73-80	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.8	4.5				4.5	8.9	3.8			10.9	930
	03-05	2.0	4.8				4.8	18.8	7.8			20.6	930
	06-08	1.7	4.3				4.3	30.9	21.7			39.9	930
	09-11	2.3	5.1				5.1	3.8	11.5			13.7	930
	12-14	4.6	7.1				7.1	2.9	6.0			8.4	930
	15-17	3.9	7.2				7.2	2.6	6.1			8.4	930
	18-20	2.8	6.0				6.0	2.8	5.9			8.5	930
	21-23	1.3	4.5				4.5	2.7	2.0			4.4	930
TOTALS		2.6	5.4				5.4	9.2	8.1			14.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12906	ELLINGTON AFB TX	69-70,73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.0	2.0				2.0	1.0	1.3			2.0	900
	03-05	2.0	4.3				4.3	8.7	6.0			10.0	900
	06-08	2.6	4.7				4.7	17.9	16.6			24.9	899
	09-11	2.7	5.9				5.9	1.6	6.3			7.4	900
	12-14	3.4	6.4				6.4	.7	4.6			5.1	900
	15-17	4.1	4.3			.1	4.3	.2	2.6			2.8	900
	18-20	2.6	3.0				3.0	.6	2.4			3.0	900
	21-23	.4	1.9				1.9	.2	1.2			1.3	900
TOTALS		2.4	4.1			.0	4.1	3.9	5.1			7.1	7199

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WEATHER CONDITIONS

12906	ELLINGTON AFB TX	69-70,73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.8	1.6				1.6	2.6	2.3			3.7	930
	03-05	1.1	1.6				1.6	6.6	4.5			7.3	930
	06-08	1.4	2.9				2.9	14.9	14.8			20.2	928
	09-11	4.6	5.1				5.1	1.4	6.7			7.0	930
	12-14	8.6	8.6				8.6	.8	4.1			4.4	930
	15-17	9.2	7.2				7.2	.2	2.5			2.7	930
	18-20	4.3	4.3			.1	4.3	1.0	3.2			3.7	927
	21-23	1.4	2.0				2.0	1.3	1.2			1.9	927
TOTALS		3.9	4.2			.0	4.2	3.6	4.9			6.4	7432



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	ELLINGTON AFB TX	69,72-80	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.1	1.3				1.3	3.9	5.9			7.0	929
	03-05	2.5	2.3				2.3	9.6	9.2			12.9	930
	06-08	2.7	2.9				2.9	24.1	27.2			34.0	930
	09-11	6.1	5.7				5.7	2.3	14.6			15.3	930
	12-14	11.9	9.7				9.7	.8	7.5			8.3	930
	15-17	8.8	6.7				6.7	.9	6.1			7.0	930
	18-20	2.9	3.0				3.0	1.4	6.1			6.8	930
	21-23	.8	1.2				1.2	1.6	3.7			3.7	930
TOTALS		4.6	4.1				4.1	5.6	10.0			11.9	7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12? 6 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.1	5.3				5.3	6.8	8.6			10.7	900
	03-05	1.6	4.7				4.7	17.1	14.2			21.1	900
	06-08	2.4	7.2				7.2	38.6	34.8			49.2	900
	09-11	2.4	6.7				6.7	7.3	20.8			23.9	900
	12-14	5.9	8.0				8.0	1.9	10.0			11.7	900
	15-17	4.9	7.3				7.3	2.0	8.3			10.1	900
	18-20	3.3	7.7				7.7	2.0	7.6			8.9	900
	21-23	2.0	4.9				4.9	3.1	5.8			7.4	900
TOTALS		3.0	6.5				6.5	9.9	13.8			17.9	7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12?.6	ELLINGTON AFB TX	69,72-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.2	3.7				3.7	11.8	8.1			14.3	930
	03-05	.6	5.4				5.4	20.6	12.0			22.8	930
	06-08	.6	4.0				4.0	35.1	26.9			42.2	930
	09-11	.8	3.9				3.9	7.7	18.3			20.9	930
	12-14	1.8	5.1				5.1	2.2	7.8			8.1	929
	15-17	1.7	5.5				5.5	2.6	4.4			5.5	930
	18-20	1.0	4.9				4.9	2.8	4.4			5.4	930
	21-23	.5	3.8				3.8	5.4	5.6			8.2	930
TOTALS		.9	4.5				4.5	11.0	10.9			15.9	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12,916	ELLINGTON AFB TX	69,72-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	[illegible]	6.6				6.6	16.6	5.3			18.4	900
	03-05	.4	6.1				6.1	19.7	6.1			21.9	900
	06-08	1.2	7.6				7.6	31.9	16.1			37.4	900
	09-11	.8	7.2				7.2	12.3	14.7			21.9	900
	12-14	1.1	7.9				7.9	5.9	9.1			12.9	900
	15-17	.8	7.8				7.8	4.8	8.3			11.2	900
	18-20	1.2	7.0				7.0	5.5	4.6			8.3	896
	21-23	.4	5.6				5.6	11.5	5.1		.1	14.2	897
TOTALS		.8	7.0				7.0	13.5	8.7		.0	18.3	7193

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12906 | ELLINGTON AFB TX | 68-69,72-79 | DEC

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		7.5				7.5	17.8	2.6			18.4	930
	03-05	.2	8.4				8.4	23.2	5.2			24.0	930
	06-08	.6	9.5				9.5	30.9	9.1			33.3	930
	09-11	.5	8.3				8.3	18.2	9.5		.1	23.0	930
	12-14	.5	7.6				7.6	10.6	5.9		.1	14.3	930
	15-17	.5	10.6				10.6	10.9	4.6			13.7	930
	18-20	.8	9.4				9.4	11.4	3.9			14.5	930
	21-23	.4	7.5				7.5	17.1	4.2			18.2	930
TOTALS		.4	8.6				8.6	17.5	5.6		.0	19.9	7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12916	ELLINGTON AFB TX	68-70,72-80	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.9	12.6	.2	.4	.0	13.2	23.1	8.1			26.4	7440
FEB		.3	9.1	.1	.4	.0	9.4	18.3	5.6		.2	21.8	6768
MAR		1.3	11.2				11.2	18.4	7.4		.4	22.7	7440
APR		1.9	7.8				7.8	15.3	7.0		.0	18.5	7197
MAY		2.6	5.4				5.4	9.2	8.1			14.4	7440
JUN		2.4	4.1			.0	4.1	3.9	5.1			7.1	7199
JUL		3.9	4.2			.0	4.2	3.6	4.9			6.4	7432
AUG		4.6	4.1				4.1	5.6	10.0			11.9	7439
SEP		3.0	6.5				6.5	9.9	13.8			17.9	7200
OCT		.9	4.5				4.5	11.0	10.9			15.9	7439
NOV		.8	7.0				7.0	13.5	8.7		.0	18.3	7193
DEC		.4	8.6				8.6	17.5	5.6		.0	19.9	7440
TOTALS		1.9	7.1	.0	.1	.0	7.2	12.4	7.9		.1	16.8	87627

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.



1

2 [illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

[illegible] | ELLINGTON AFB TX | 41-46, 5 -8[illegible] | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	7.[illegible]	45.[illegible]	1.8	1.2		42.7	[illegible]4.6	[illegible]9.[illegible]		.1	[illegible]1.7	1,[illegible]
FEB		[illegible].0	42.[illegible]	.9	1.5	.4	39.3	[illegible]2.[illegible]	34.7	.1	.6	56.2	957
MAR		[illegible].4	46.8		.1	.[illegible]	43.2	[illegible]4.2	35.4		.2	[illegible]9.2	1,[illegible]1
APR		12.7	43.[illegible]			1.[illegible]	39.6	[illegible]2.[illegible]	38.3		.3	[illegible] .[illegible]	1,[illegible]3
MAY		17.4	[illegible]3.9			1.[illegible]	31.4	[illegible]3.6	[illegible]8.[illegible]			55.[illegible]	1042
JUN		[illegible]1.1	32.[illegible]			.[illegible]	29.3	32.2	3[illegible].2			[illegible].[illegible]	1015
JUL		33.4	41.8			.1	38.3	[illegible]3.1	26.1			33.6	1,[illegible]47
AUG		34.1	44.6			.2	39.8	32.9	38.1			44.8	1,[illegible]79
SEP		[illegible]2.7	42.2				37.8	45.7	51.4			5[illegible].4	1[illegible]3[illegible]
OCT		9.1	[illegible]8.1			.1	25.3	46.6	47.1			55.8	1[illegible]6[illegible]
NOV		7.0	[illegible]8.1	.1	.1		34.6	46.8	41.5		.2	55.6	1,[illegible]2[illegible]
DEC		5.7	[illegible]0.8	.2	.1		36.3	50.5	39.6			57.[illegible]	1,[illegible]43
TOTALS		15.5	[illegible]9.9	.2	.2	.3	36.5	45.0	38.3	.0	.1	53.4	1[illegible]42[illegible]

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



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

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



2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

1 [illegible] ELLINGTON AFB TX 41-46, 50-80
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	62.6	16.2	3.1	6.0	3.8	7.2	4.2	3.3	3.4	.4				31.3	1107	3.41	11.15	.25
FEB	54.6	16.4	2.5	4.5	4.6	6.2	4.2	3.4	3.1	.4				29.3	997	3.28	10.54	.09
MAR	62.3	24.2	4.1	7.0	2.3	4.1	2.8	3.1	2.7	.3				25.5	1085	2.64	9.41	.05
APR	56.	19.9	3.0	5.2	2.2	3.3	3.0	3.8	3.0	.6	.1			24.1	1050	3.62	8.22	.87
MAY	64.5	11.6	1.7	3.3	2.7	3.4	3.5	5.1	4.5	.4	.1			24.0	1085	4.45	11.21	.38
JUN	66.4	10.9	1.6	3.3	2.3	3.6	3.6	3.3	3.5	1.1	.3			22.8	1050	4.71	15.07	.33
JUL	59.1	11.5	2.4	6.2	3.5	5.6	4.6	3.4	3.8	.6	.3			30.4	1089	4.75	17.92	TRACE
AUG	55.	13.8	1.9	6.0	3.3	6.2	5.2	5.0	3.1	.5		.1		31.2	1115	4.83	20.28	.03
SEP	57.3	13.2	2.	3.9	3.6	5.3	4.9	4.9	3.6	1.2	.2			29.5	1070	5.18	15.59	.14
OCT	71.1	9.2	1.5	3.2	2.1	4.0	3.7	2.3	3.1	.8	.1			19.8	1116	3.53	15.62	TRACE
NOV	61.9	12.7	2.1	5.3	3.2	4.5	3.1	4.3	2.6	.6	.1			25.8	1080	3.62	11.08	.74
DEC	57.3	13.3	1.7	5.3	3.1	5.8	5.5	3.7	3.4	.4				28.8	1085	3.86	8.43	.58
ANNUAL	58.9	14.2	2.3	4.9	3.1	4.9	4.0	3.8	3.3	.6	.1	.0		26.8	12919	47.87		

USAFETAC FORM OCT 78 0-13-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

[illegible] ELLINGTON AFB TX — 41-46, 51-80

STATION — STATION NAME — YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41							*TRACE*	.00*	4.89	6.02	.7[illegible]	.6[illegible]	
42	.[illegible]	1.04	1.09	1.72	.61	2.46	6.48	2.[illegible]9	.93	.2[illegible]	.65	1.95	6.48
43	1.39	.64	2.17	.98	1.41	1.34	3.34	1.25	1.[illegible]4	.91	4.78	1.75	4.78
44	* 2.48	1.3[illegible]	3.71	1.52	3.45	.57	.06	3.25	4.39	1.71	1.45	2.6[illegible]	4.39
45	1.54	.82	1.42	2.34	4.01	2.66	1.29	17.30	2.21	1.33	.65	2.71	17.30
46	2.7[illegible]*	.38											
5[illegible]	* .56	3.11	.12	1.74	1.65	1.19	1.52	.35	1.07	.[illegible]4	.76	.43	3.11
51	1.56	.45	2.16	.75	.59	.89	.84	2.33	3.60	.95	.60	.70	3.60
52	.48	4.13	2.06	1.50	1.94	1.10	2.[illegible]6	.18	.95	TRACE	2.46	2.28	4.13
53	1.[illegible]8	.85	.02	.38	1.95	5.35	.80	3.87	.14	1.51	2.12	1.76	5.35
54	.49	.[illegible]9	.76	4.39	2.04	.57	1.33	.61	.53	2.42	.41	.41	4.39
55	1.49	2.36	.71	.87	1.13	1.44	1.36	1.62	.90	.84	.92	1.97	2.36
56	1.23	1.64	.15	1.[illegible]0	1.68	1.36	.9[illegible]	.35	.2	1.21	.36	.[illegible]1	1.68
57	.68	1.19	4.62	2.11	.71	1.17	.79	.87	2.41	3.94	2.35	1.13	4.62
58	1.66	1.03	1.14	1.26	1.10	.43	1.03	1.24	3.42	.61	.4[illegible]	.58	3.42
59	1.2[illegible]	3.38	.65	1.83	3.41	1.54	5.47	3.25	2.40	3.15	.95	2.1[illegible]	5.47
6[illegible]	.31	1.76	.23	1.[illegible]9	.29	5.31	.93	1.64	.7[illegible]	1.77	.98	1.4[illegible]	5.31
61	1.29	2.00	.36	.96	1.08	4.1[illegible]	2.11	1.49	5.9[illegible]	.[illegible]3	6.08	1.29	6.08
62	.31	.42	.68	.91	1.03	1.46	.80	2.25	2.07	2.86	2.41	1.78	5.41
63	1.53	1.33	.35	1.80	1.02	1.94	2.90	.53	1.09	.45	1.81	1.97	2.90
64	1.[illegible]1	2.54	1.25	.64	.79	.75	.8[illegible]	1.12	2.94	.65	2.89	4.78	4.78
65	.71	.93	.23	.97	1.57	3.34*	1.35	.67	1.02	1.27	1.50	2.42	3.34
66	.89	1.71	.78	5.24	1.64	1.67	1.71	4.54	3.76	1.43	2.63	.48	5.24
67	1.53	1.80	.97	1.63	.80	.20	1.79	.90	1.29	1.10	.64	.9[illegible]	1.80
68	2.92	.66	.98	3.96	5.43	4.05	.47	.60	.97	2.00	1.18	.92	5.40
69	1.15	1.96	1.34	2.24	1.65	1.82	1.49	1.71	.74	2.11	.76	2.30	2.30
70	.62	.97	1.04	2.17	1.62	1.46	2.05	1.78	2.53	2.11	2.25	.16	2.[illegible]3
71	.14	.61	.43	1.21	1.52	.91	1.42	1.62	1.52	.66	.81	2.57	2.57
72	1.31	1.09	1.33	3.11	1.98	3.43	2.05	.55	1.90	1.79	2.93	1.67	3.43
73	.66	.87	2.57	3.31	.85	6.29	4.44	2.28	7.23	3.61	.40	.98	6.29
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

[redacted] STATION | ELLINGTON AFB TX STATION NAME | 41-46, 50-87 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	3.40	.55	1.59	1.06	4.13	.73	1.70	1.93	1.86	1.16	1.39	1.4[illegible]	4.13
75	1.07	.40	.67	2.83	2.29	2.99	1.85	1.77	.51	3.29	1.41	2.35	3.29
76	.16	.48	.69	.96	1.18	4.42	1.10	1.50	1.00	1.63	2.54	1.15	4.42
77	1.05	1.64	.66	2.55	.70	1.88	1.11	2.65	1.85	.31	1.47	.42	2.65
78	1.34	1.34	.52	.65	.23	1.49	1.96	1.33	1.47	.08	1.81	.66	1.96
79	1.26	.94	2.18	1.36	1.20	1.58	6.29	.63	5.72	2.91	.52	.60	6.29
80	4.39	1.25	1.73	.43	.91	1.44	2.63	.67	.98	1.05	.65		
MEAN	1.268	1.351	1.197	1.754	1.645	2.093	1.964	2.029	1.709	1.586	1.601	1.487	4.461
S.D.	.918	.900	.999	1.144	1.159	1.543	1.555	2.848	1.448	1.300	1.276	.950	2.778
TOTAL OBS.	1107	997	1085	1050	1085	1053	1089	1105	1072	1116	1080	1085	12919

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

[illegible] / STATION — ELLINGTON AFB TX / STATION NAME — 41-46, 5[illegible]-8[illegible] / YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41							*TRACE	* .00	* 5.71	15.62	2.49	1.23	
42	1.43	2.72	2.86	5.73	.90	3.70	14.78	7.78	2.39	.65	1.36	3.19	47.49
43	3.93	1.93	4.19	1.91	6.12	3.58	6.98	2.63	4.19	1.41	7.92	5.23	49.47
44	*11.15	1.84	8.19	1.91	11.06	1.52	.12	7.29	8.12	1.71	4.92	6.89	*[illegible].72
45	2.96	3.06	2.81	3.86	4.55	6.98	3.63	2[illegible].28	5.27	4.48	.81	7.84	66.93
46	7.13*	.44											
5[illegible]	* .65	7.03	.59	3.94	3.32	4.50	2.00	.66	1.41	.06	1.24	.92	*[illegible].32
51	4.99	1.[illegible]6	3.48	1.[illegible]6	1.66	1.[illegible]7	2.31	2.42	6.83	1.71	1.21	1.91	[illegible]9.71
52	1.12	10.35	3.85	6.06	5.77	2.37	3.72	.36	1.94	TRACE	7.[illegible]8	6.24	48.[illegible]6
53	2.30	3.19	.[illegible]05	.87	6.02	7.[illegible]9	1.90	11.63	.14	2.65	4.35	6.[illegible]3	46.2[illegible]
54	1.[illegible]4	.[illegible]9	.86	5.36	6.3[illegible]	1.31	2.75	2.20	1.04	5.9[illegible]	1.11	1.[illegible]9	29.63
55	4.83	6.[illegible]0	.8[illegible]	2.85	3.52	3.[illegible]4	3.8[illegible]	4.73	3.14	1.08	1.68	2.77	38.24
56	2.74	3.98	.33	2.89	2.95	2.39	1.44	.77	.42	2.82	.95	3.37	25.09
57	1.70	2.69	9.41	[illegible].24	1.91	3.56	1.06	3.25	7.13	8.1[illegible]	7.08	2.2[illegible]	56.31
5[illegible]	5.13	3.53	2.55	3.83	2.75	.74	2.94	3.09	14.39	2.06	1.16	1.16	43.35
59	2.03	10.54	.85	6.20	5.78	2.45	14.43	6.75	7.99	6.39	1.51	6.48	71.66
6[illegible]	1.3[illegible]	4.22	.34	1.52	.63	11.[illegible]0	3.48	6.52	1.37	8.48	3.72	8.43	[illegible]1.[illegible]5
61	3.42	3.34	.91	2.30	1.55	9.53	9.24	6.41	11.83	.[illegible]3	11.08	3.1[illegible]	[illegible]2.74
62	1.16	1.11	1.13	4.40	2.35	5.34	1.42	2.71	4.64	3.92	6.19	4.73	39.10
63	2.45	2.71	.67	1.98	1.71	7.18	4.08	1.50	2.70	.89	4.73	5.[illegible]4	35.64
64	3.67	5.29	3.[illegible]5	1.31	2.52	.94	1.69	4.31	7.14	.86	4.58	7.39	42.77
65	1.65	2.66	.91	1.01	3.67	4.52	4.45	1.91	4.11	2.59	4.6[illegible]	7.41	*39.49
66	4.29	6.[illegible]2	1.22	7.80	10.70	6.87	2.[illegible]5	10.46	4.08	3.27	3.16	1.81	61.73
67	2.5[illegible]	3.[illegible]5	1.38	2.83	2.38	.33	5.37	2.29	2.29	2.77	.74	3.20	29.13
68	6.77	1.81	2.54	4.6[illegible]	11.21	15.[illegible]7	1.86	1.25	3.[illegible]2	5.22	3.24	1.58	56.17
69	1.89	5.02	3.95	4.64	4.62	2.75	2.75	4.56	1.87	5.13	1.06	4.39	42.65
7[illegible]	2.29	2.62	5.85	2.9[illegible]	6.45	2.04	5.86	4.35	7.87	6.69	2.68	.58	5[illegible].18
71	.25	1.36	.7[illegible]	1.79	2.45	1.51	3.99	8.22	6.45	1.70	1.53	5.79	35.74
72	3.91	1.70	1.95	4.31	7.08	4.14	5.68	1.13	1[illegible].80	3.23	7.71	3.61	5[illegible].25
73	3.95	2.96	6.37	7.42	2.38	12.39	8.03	5.92	7.71	11.13	.75	2.4[illegible]	71.41
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

1 [illegible] ELLINGTON AFB TX 41-46, 5[illegible]-8[illegible]
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	7.63	1.48	7.31	2.54	9.96	1.34	4.61	6.66	4.45	2.01	5.59	3.58	55.16
75	3.[illegible]	1.34	2.00	5.73	9.44	9.76	4.23	7.42	.68	4.98	2.61	3.23	54.5[illegible]
76	.4[illegible]	.51	2.32	2.14	4.05	12.27	5.93	3.64	3.40	3.94	7.16	7.68	53.41
77	2.38	2.14	2.24	5.21	2.18	2.52	3.54	5.15	5.95	.72	5.49	.98	38.50
78	5.85	2.22	.96	1.09	.38	4.02	4.99	3.26	6.65	.79	6.35	2.18	38.[illegible]
79	5.58	3.50	5.93	5.71	4.20	5.25	17.92	3.75	15.59	3.45	.94	1.69	73.5[illegible]
80	9.42	1.86	3.80	1.17	3.56	1.73	3.09	1.45	4.16	1.14	1.61		
MEAN	3.408	3.284	2.639	3.621	4.445	4.7[illegible]8	4.754	4.871	5.176	3.533	3.623	3.961	4[illegible].429
S.D.	2.174	2.385	2.267	2.115	3.052	3.788	4.[illegible]18	3.932	3.793	3.363	2.064	2.358	13.124
TOTAL OBS.	11[illegible]7	997	1085	1050	1085	1050	1089	1105	107[illegible]	1116	1.80	1[illegible]5	1,919

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
[illegible]	ELLINGTON AFB TX	41-46, 50-80

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	98.6	1.1	.1	.1		.1								.3	984	.1	3.2	.1
FEB	98.5	.8	.2	.1	.1		.2							.7	883	.4	6.2	.0
MAR	99.2	.2													961	TRACE	TRACE	.0
APR	100.0														930	.0	.0	.0
MAY	100.0														961	.	.0	.0
JUN	100.0														930	.0	.0	.0
JUL	100.0														960	.0	.0	.0
AUG	100.0														961	.0	.0	.0
SEP	100.0														930	.0	.0	.0
OCT	100.0														961	.	.0	.0
NOV	99.9	.1													930	TRACE	TRACE	.0
DEC	99.9	.1													930	TRACE	TRACE	.0
ANNUAL	99.7	.2	.0	.0	.0	.0	.0							.1	11321	.5		

USAFETAC FORM OCT 78 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

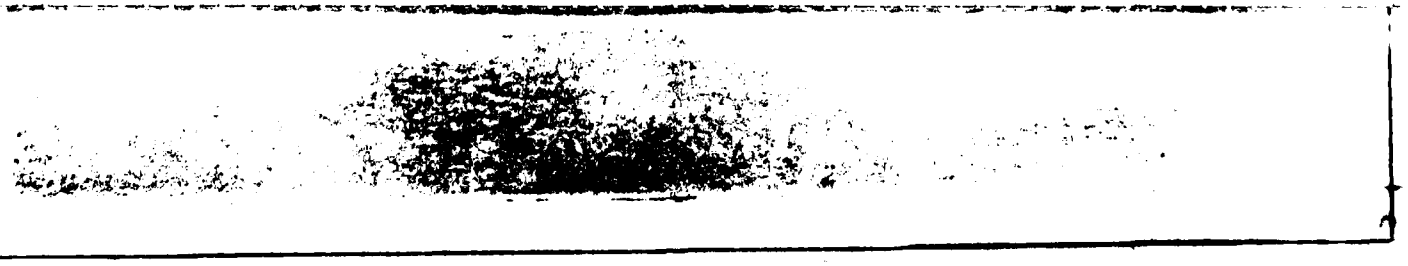
[illegible] STATION ELLINGTON AFB TX STATION NAME 41-46, 50-80 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41													
42													
43													
44													
45													
46	.1*	.0											
50	* .1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
51	.8	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.8
52	.1	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1
53	.1	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
54	.1	.0	.1	.1	.0	.0	.1	.0	.1	.0	.0	.0	.1
55	.0	.0	.2	.0	.0	.0	.1	.0	.1	.0	.0	.1	.2
56	.1	.0	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.1
57	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1
58	.1	.6	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.6
59	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
60	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2
61	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
62	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
63	TRACE	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	TRACE
64	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	TRACE
65	.0	TRACE	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.1	TRACE
66	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
67	TRACE	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	.1	* .0	TRACE	.0	.1	.0	.0	.0	.0	.0	.0	.0	TRACE
69	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	TRACE
72	.1	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
73	3.2	4.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.1
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

[redacted] STATION | ELLINGTON AFB TX STATION NAME | 41-46, 5[illegible]-8[illegible] YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	TRACE
78	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
79	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	.1	TRACE	.1	.0	.1	.0	.0	.1	.0	.0	.0		
MEAN	.14	.10	TRACE	.10	.00	.00	.00	.00	.00	.00	TRACE	TRACE	.37
S.D.	.568	1.053	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.167
TOTAL OBS.	984	983	961	930	961	930	963	961	930	961	930	930	11321

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

[illegible] STATION ELLINGTON AFB TX STATION NAME 41-46, 5.-8? YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41													
42													
43													
44													
45													
46	• [illegible]*	•0											
50	* •1	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	* •1
51	•8	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•8
52	•1	•0	•0	•0	•0	•0	•1	•0	•0	•0	•0	•0	•1
53	•1	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•1
54	•1	•0	•0	•0	•0	•1	•0	•0	•0	•0	•0	•0	•1
55	•1	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•1
56	•1	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•1
57	•1	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•1
58	•1	•8	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•8
59	•1	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•1
60	•1	4•2	•1	•0	•0	•0	•0	•0	•0	•0	•0	•1	4•2
61	•1	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•1
62	•1	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•1
63	TRACE	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	TRACE
64	•1	TRACE	•0	•0	•0	•0	•1	•1	•0	•0	TRACE	•1	TRACE
65	•1	TRACE	•0	•0	•0	•0*	•0	•0	•0	•0	•0	•0	*TRACE
66	•1	•0	•1	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0
67	TRACE	TRACE	•0	•1	•0	•0	•0	•0	•0	•0	•0	•0	TRACE
68	•1*	•0	TRACE	•0	•0	•0	•0	•0	•0	•0	•0	•0	TRACE
69	•1	•0	•0	•0	•0	•0	•0	•0	•0	•1	•0	TRACE	TRACE
70	TRACE	•0	•1	•0	•0	•0	•0	•0	•0	•0	•0	•0	TRACE
71	TRACE	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	TRACE
72	•1	•0	•1	•0	•0	•0	•0	•0	•0	•1	•0	•0	•1
73	•3	6•2	TRACE	•0	•0	•0	•0	•0	•0	•0	•0	•1	9•4
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

[illegible] ELLINGTON AFB TX 41-46, 5 -8
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
75	TRACE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	TRACE
76	TRACE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	TRACE
77	.[illegible]	TRACE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	TRACE
78	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
79	TRACE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	TRACE
80	.[illegible]	TRACE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]		
MEAN	.14	.37	TRACE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	TRACE	TRACE	.[illegible]
S.D.	.589	1.346	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.946
TOTAL OBS.	984	883	961	930	961	930	962	961	930	961	930	[illegible]	11321

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

[illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
AT [illegible] WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

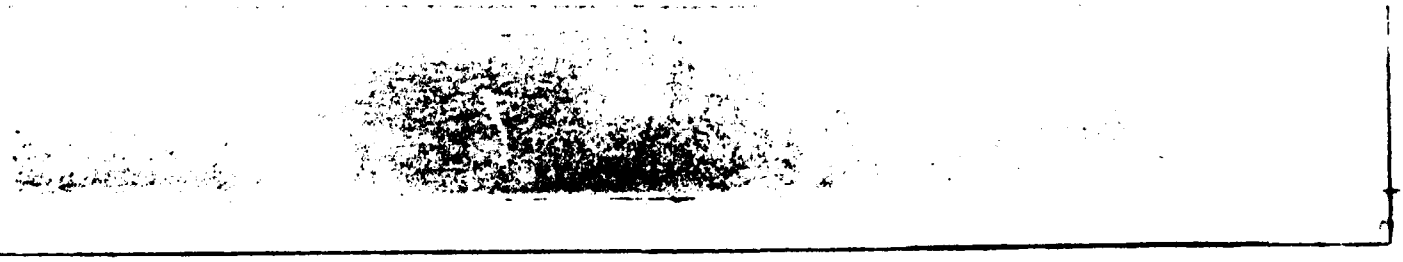
1 [illegible] STATION [illegible]LLINGTON AFB, TX STATION NAME 41-46, 5-8[illegible] YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	.1	.1	.[illegible]	.[illegible]	.0	.0	.0	.0	.0	.0	.[illegible]	.[illegible]	.[illegible]
S.D.	.33[illegible]	.692	.[illegible]	.[illegible]	.000	.000	.000	.000	.000	.000	.000	.000	.7[illegible]
TOTAL OBS.	1103	997	1[illegible]36	1[illegible]1	1085	1057	1115	1116	1[illegible]83	1116	1[illegible]80	1[illegible]95	12967

NOTE * (BASED ON LESS THAN FULL MONTHS)

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1[illegible] ELLINGTON AFB TX 41-46, 5[illegible]-8[illegible]
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41													
42													
43													
44													
45													
46													
50	*												
51	TRACE	TRACE											TRACE
52													
53													
54													
55													
56													
57													
58													
59													
60													4
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73		1											1
MEAN													
S. D.													
TOTAL OBS.													

NOTE: * (BASED ON LESS THAN FULL MONTHS)

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

1 [illegible] AL CLIMATOLOGY BRANCH
USAFETAC
AI[illegible] EATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

1 [illegible] ELLINGTON AFB TX — 41-46, 50-80
STATION — STATION NAME — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	02-05	06-10	11-25	26-50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]	.4		.1										.1	1108			
FEB	[illegible]	.3	.1			.1								.2	997			
MAR	[illegible]														1[illegible]65			
APR	[illegible]														1[illegible]50			
MAY	[illegible]														1085			
JUN	[illegible]														1050			
JUL	[illegible]														1115			
AUG	[illegible]														1116			
SEP	[illegible]														1080			
OCT	[illegible]														1116			
NOV	[illegible]														1080			
DEC	[illegible]														1085			
ANNUAL	[illegible]	.1	[illegible]	[illegible]		[illegible]								[illegible]	12967			

USAFETAC FORM OCT 75 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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 VRBL.

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

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

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

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

1 [illegible] ELLINGTON AFB TX 52-69
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52											WNW*38	NW*36	
53	N *63	SSE*34	NW*33	S 38	NE 43	N 52	N 29	NE 29	SE 31	52	NE 30	NW*33	N *63
54	N 32	NW 37	NW 36	NW 34	NE 49	S 30	NE 30	E 33	SE 31	SW 30	W 37	NW 36	NE 49
55	WNW 42	N 56	WNW 52	ENE*45	NE 46	SSW 33	SE 36	W 33	NE 36	NW 43	S 40	ENE*36	N 56
56	WNW 60	SSW 43	NW 52	WNW 45	WNW 65	N 60	SSW*30	SW 35	NE 33	NW 45	NW 41	SE 42	WNW 65
57	NW 35	NW 32	WNW 38	N 38	WSW 41	WNW 37	NE 31	WNW 43	ENE 24	SE 35	N 43	NW 39	WNW 43
58	WNW 33	NW 33	SW 42	SSW 27	S 28	ESE 31	SW 26	NE 34	ENE 30	NE 27	SSW 35	SW 30	SW 42
59	SSW 35	N 28	NW 35	N *38	E *31	E 35	ENE*60	SE 26	S 28	SW 30	S 32	ESE 34	ENE*60
60	SE 34	WNW 40	SE *35	SE 29	W 33	SSW 31	SW 32	E *25	SE 26	NW*33	NE 25	SE 29	WNW 40
61	NW 28	W *34	NW *35	NNE 39	W *33	NW *36	S *27	N 24	SE *57		NE *14	NW*28	
62	NW 34	WNW 31	WNW 31	ENE 25	SSE 28	E *43	E 29	E 36	SW 24	S* 34	N 30	E 25	E *43
63	N 28	N 43	NNW 23	S 30	SE 40	SSE 33	S 26	NW 52	N *31	NE 22	NE 31	NW 29	NNW 52
64	WNW 33	ENE 27	SE 40	SSE 38	SSE*31	S *28	N 56	ENE 50	SE 29	29	S 28	S 36	N 56
65	S *39	NE *34	NW *37	W *50	NNE*44	SSE*45	ENE*55	NNE 42	S *32	ENE 29	SSW 30	NW 28	ENE*55
66	NNW 32	NW 32	WNW 35	ESE 34	NNW 33	NE 30	E 36	SSE 30	NE 24	NW *42	N 33	NW 30	NW *42
67	SW 28	N 32	NW 32	SSE 27	E 24	SE 28	WSW 22	S 25	ESE 31	S 45	S *34	W 36	S 45
68	NNE*29	WNW*31	WNW*43	ENE*36	NNW 41	NW 36	2/ 27	18/ 22	12/ 20	33/ 27	34/ 33	34* 36	WNW*43
69	34* 26	11/ 58	12* 32	10/ 30	30/ 30	15/ 27	8/ 40	10/ 30	4/ 24	15/ 38	17/ 31	4/ 35	11/ 58
70	35/ 36	22/ 50	30/ 49	34/ 40	16/ 29	35/ 26	35/ 46	34/ 46	31/ 39	33/ 32	23* 28	33/ 39	27/ 50
71	19/ 29	33/ 36	33/ 35	1/ 32	18/ 30	24/ 22	33/ 30	7/ 40	6* 28	36/ 24	30/ 37	28/ 35	7/ 40
72	1/ 30	33/ 33	6/ 37	18/ 31	13/ 48	1/ 34	8/ 37	25/ 30	14/ 30	19/ 27	34/ 36	33/ 31	13/ 48
73	33/ 34	1/ 31	12/ 36	36/ 43	2/ 33	3/ 41	36/ 25	9/ 29	1/ 43	34/ 38	30/ 34	32/ 29	36/ 43
74	28/ 31	19/ 34	25/ 37	20/ 28	28/ 30	13/ 32	33/ 26	22/ 35	2/ 37	17/ 39	35/ 32	18/ 32	17/ 39
75	27/ 40	35/ 39	13/ 48	30/ 48	21/ 42	19/ 42	5/ 38	27/ 30	4/ 44	1/ 29	16/ 38	7/ 32	13/ 48
76	35/ 40	29/ 40	14/ 35	15/ 38	28/ 51	3/ 37	18/ 31	10/ 39	34/ 26	28/ 27	3* 30	36* 24	28/ 51
77	34/ 33	29/ 37	32/ 35	28/ 41	34/ 29	18/ 22	35/ 29	17/ 29	27/ 53	13/ 30	29/ 36	17/ 35	27/ 53
78	32/ 39	33/ 33	36/ 31	11/ 32	32/ 34	10/ 33	3/ 31	34/ 31	21/ 35	12/ 20	4/ 25	28/ 34	32/ 39
79	26/ 41	33/ 37	31/ 32	1/ 33	7/ 35	16/ 34	1/ 48	15/ 25	13/ 45	17/ 40	22/ 26	26/ 32	1/ 48
80	30/ 29	18/ 35	36/ 38	32/ 31	11/ 49	19/ 30	4/ 23	9/ 35	2/ 33	2/ 31	3/ 35		
MEAN	34.2	37.4	37.9	34.6	37.8	34.1	32.8	33.9	32.3	33.1	33.3	33.5	43.2
S.D.	6.619	7.944	6.754	6.121	9.902	8.387	8.216	7.668	8.025	7.849	4.621	4.629	4.667
TOTAL OBS.	833	762	843	797	828	619	837	855	791	818	804	821	9715

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

$ (BASED ON LESS THAN FULL MONTHS AND +10 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13958 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN. (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	4.4	5.3	5.6	.9	.2						18.6	9.3
NNE	.8	2.0	1.7	.5								5.1	6.7
NE	1.4	3.1	1.4	.6	.2							6.8	6.2
ENE	.8	1.7	1.3	.5								4.3	6.7
E	1.7	2.8	1.8	.5	.1							7.0	6.0
ESE	.8	1.2	.8									2.7	4.9
SE	.5	.8	.5									1.8	5.1
SSE	.8	1.4	1.7	1.7	.1							5.7	8.1
S	1.9	2.0	2.6	1.4								8.0	6.9
SSW	1.1	.6	.8	.3								2.8	5.7
SW	1.0	.5	.4	.3								2.3	5.2
WSW	.8	.8	.5	.3								2.4	6.0
W	.1	.6	.4									1.2	5.7
WNW	.4		.2	.2	.1							1.0	7.4
NW	.4	.2	.2	1.0	.1	.2						2.2	11.2
NNW	.5	.9	1.6	2.5	.4							5.9	10.3
VARBL													
CALM												22.5	
	15.2	23.1	21.3	15.6	1.9	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13904	ELLINGTON AFB TX	69-70,73-80	JAN
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	2.4	4.9	6.6	4.3	.3							18.5	8.3
NNE	1.2	2.4	2.4	.4								6.3	6.4
NE	1.5	2.5	2.2	1.3								7.4	6.7
ENE	.9	1.9	1.9	.9								5.6	7.4
E	1.2	3.1	1.9	.8								7.0	6.2
ESE	.5	1.1	.9									2.5	5.2
SE	.4	1.1	.4									1.9	4.9
SSE	.9	1.2	1.9	.3	.1							4.4	6.8
S	.9	2.4	1.8	1.2								6.2	7.3
SSW	.2	.6	.8	.4								2.0	7.5
SW	.5	1.0	.9	.1								2.5	6.0
WSW	1.0	.8	.3	.4								2.5	5.8
W	.3	.9	.6	.3								2.2	6.7
WNW	.3	.6	.4	.1	.1							1.6	6.9
NW		.3	.5	1.3	.3							2.5	12.0
NNW	.5	1.0	1.4	1.8	.6	.2						5.6	10.7
VARBL													
CALM												21.3	
	12.7	25.7	24.9	13.7	1.5	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	3.9	5.7	5.2	.5							18.6	8.3
NNE	1.4	2.2	4.1	.6								8.3	7.0
NE	1.3	2.5	1.8	.8								6.3	6.2
ENE	1.2	2.9	1.9	1.2								7.2	6.7
E	2.4	1.9	2.2	1.0								7.4	6.3
ESE	.9	1.0	.4									2.3	4.8
SE	.8	1.3	.4									2.5	4.4
SSE	1.2	1.9	1.8	.4								5.4	6.2
S	1.7	1.4	1.6	.4								5.2	5.8
SSW	.3	.6	.4									1.4	5.5
SW	.3	.9	.4									1.6	5.1
WSW	.4	.8	.5	.2								1.9	6.3
W	.9	.5	.8	.3								2.5	6.0
WNW	.5	1.0	.3	.4	.1							2.4	7.3
NW	.1	.9	.6	.5	.1							2.3	8.3
NNW	1.0	.8	2.4	1.9	.5	.1						6.7	10.1
VARBL													
CALM												18.2	
	17.6	24.3	25.5	13.0	1.3	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.7	5.2	6.8	1.0	.7						17.3	10.2
NNE	1.1	1.5	4.5	2.0	.1							9.2	8.3
NE	.9	2.3	3.7	1.3								8.1	7.5
ENE	1.6	2.0	3.1	1.6	.3							8.7	7.8
E	.9	4.3	4.0	1.4								10.5	7.2
ESE	1.0	1.2	1.6	1.1								4.8	7.2
SE	.4	1.4	1.3	.3								3.4	6.6
SSE	.5	1.0	1.0	1.9	.4							4.8	9.8
S	.4	1.1	2.5	2.5	.2							6.7	9.6
SSW	.3	.5	1.0	.6	.1							2.6	9.0
SW	.3	.3	1.1	.2								1.9	7.3
WSW	.4	.9	1.1	.6								2.9	7.7
W	.3	.3	1.3	1.0		.1						3.0	9.2
WNW	.3	.6	.6	.8	.2	.1						2.7	9.4
NW	.4	.5	1.0	.8	.5	.2						3.4	11.2
NNW	.2	.4	1.7	1.4	1.1							4.8	11.9
VARBL													
CALM												4.9	
	10.5	21.1	34.4	24.3	4.0	.8						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.2	6.1	4.8	.6	.1						16.2	9.3
NNE	.5	1.9	3.1	1.6								7.2	8.1
NE	.2	1.2	1.9	.5								3.9	7.8
ENE	.2	1.4	2.3	1.0	.1							4.9	8.4
E	1.0	3.1	2.8	3.5	.3							10.8	8.6
ESE	.4	1.5	2.3	1.9	.1							6.2	8.7
SE	.5	1.1	1.6	.8	.2							4.2	8.4
SSE	.1	1.3	1.0	1.6	.9	.1						4.9	10.8
S	.5	1.5	1.8	5.1	1.1	.1						10.1	11.5
SSW	.6	.4	1.2	1.6	.4							4.3	10.1
SW	.4	.6	.8	.5	.1							2.5	7.8
WSW	.1	.1	1.3	.5	.1							2.2	9.6
W	.1	.6	1.3	.5	.5							3.1	10.1
WNW	.2	.4	.9	.3	.3	.3						2.5	11.3
NW	.6	.8	1.2	1.2	.3	.6						4.7	10.9
NNW	.5	1.4	2.6	2.2	2.0	.3						9.0	11.7
VARBL													
CALM												3.2	
	7.5	20.6	32.0	27.7	7.2	1.6						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (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	1.0	2.8	5.7	4.2	1.1	.1						14.8	9.7
NNE	.4	2.4	2.5	1.7	.1							7.1	8.2
NE	.4	2.0	1.2	.1								3.8	6.[illegible]
ENE	.9	1.4	1.9	1.2								5.4	7.8
E	1.3	2.2	5.3	1.3	.1							10.1	7.8
ESE	.6	3.4	4.2	1.5								9.8	7.7
SE	.3	1.5	1.2	.8								3.8	7.4
SSE	.1	.9	1.1	2.5	.5	.1						5.2	11.7
S	1.0	1.9	3.2	4.8	.3							11.3	9.6
SSW	.2	.8	1.1	1.2	.3							3.5	10.3
SW	.4	.4	1.0	.2								2.0	7.5
WSW	.5	.9	.5	.2		.1						2.3	6.9
W	.3	.6	1.4	.8								3.1	8.1
WNW	.3	1.0	.8	.4	.2	.1						2.8	8.6
NW	.4	1.2	1.0	1.1	.4	.1	.2					4.4	10.4
NNW	.6	.9	1.7	2.6	1.5	1.0						8.3	12.6
VARBL													
CALM												2.4	
	8.9	24.2	33.7	24.5	4.6	1.5	.2					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1006 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.9	5.2	4.5	.8	.2						16.2	8.9
NNE	.8	1.7	2.6	1.4	.1							6.6	6.1
NE	.8	2.0	1.1	.2								4.1	5.5
ENE	.8	1.0	1.2	.6	.1							3.7	7.4
E	2.4	2.8	2.4	1.2	.1							8.8	6.4
ESE	1.7	2.8	2.0	.5								7.1	5.8
SE	1.7	2.9	2.2	.8								7.5	5.9
SSE	2.8	3.2	2.4	1.4								9.8	5.9
S	2.2	3.4	4.4	.8								10.8	6.5
SSW	.4	.3	.8	.3								1.8	7.7
SW	.4	.4	.2									1.1	4.8
WSW	.6	.8	.1									1.5	4.0
W	.4	1.2	.2									1.8	4.4
WNW	.4	1.4	.6	.2								2.7	6.2
NW	.6	.4	.4	.5	.3	.1						2.5	6.9
NNW	.3	.9	1.1	2.8	.6	.3						6.0	12.3
VARBL													
CALM												8.1	
	18.1	29.1	26.8	15.3	2.0	.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	4.2	4.1	6.0	.9	.1						17.3	9.2
NNE	.3	2.4	2.4	.8	.4							6.2	8.1
NE	.9	1.6	1.4	.1	.2							4.2	6.7
ENE	.5	1.4	1.2	.6								3.8	6.9
E	1.4	2.6	2.9	.3								7.2	6.1
ESE	.9	1.5	1.7	.5								4.6	6.8
SE	.8	.8	.8	.4								2.7	6.4
SSE	2.7	1.7	2.4	1.4								7.5	6.8
S	2.7	3.9	1.9	1.9	.3							10.8	6.4
SSW	1.3	.5	.8	.3								2.9	5.4
SW	.8	.5	1.0									2.3	5.4
WSW	.6	1.2	.1									1.9	4.2
W	.5	.2	.2									1.0	4.2
WNW	.1	.4	.2	.1								.9	6.8
NW	.5	.6	.2	.9	.3							2.6	9.4
NNW	.2	1.0	1.6	1.8	1.0							5.6	11.1
VARBL													
CALM												18.6	
	15.6	24.5	22.8	15.3	3.1	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12926 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 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	1.9	3.7	5.5	5.2	.8	.1						17.2	9.1
NNE	.8	2.1	2.9	1.1	.1							7.0	7.7
NE	.9	2.2	1.8	.6	.1							5.6	6.6
ENE	.8	1.7	1.9	1.0	.1							5.4	7.4
E	1.5	2.8	2.9	1.2	.1							8.6	7.0
ESE	.8	1.7	1.7	.7	.[illegible]							5.0	6.8
SE	.7	1.3	1.[illegible]	.4	.0							3.5	6.4
SSE	1.[illegible]	1.6	1.7	1.4	.3	.[illegible]						6.0	8.0
S	1.4	2.2	2.5	2.3	.2	.0						8.6	8.1
SSW	.6	.6	.8	.6	.1							2.7	8.0
SW	.5	.6	.7	.2	.0							2.0	6.3
WSW	.6	.8	.6	.3	.0	.0						2.2	6.5
W	.4	.6	.8	.4	.1	.0						2.2	7.4
WNW	.3	.7	.5	.3	.1	.1						2.1	8.2
NW	.4	.6	.6	.9	.3	.2	.0					3.1	10.4
NNW	.5	.9	1.8	2.1	1.0	.2						6.5	11.4
VARBL													
CALM												12.4	
	13.3	24.1	27.7	18.7	3.2	.7	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 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	2.5	4.0	5.8	4.7	.8							17.8	6.7
NNE	.9	1.1	.9	.2	.1							3.3	6.3
NE	.9	1.3	.7	.2								3.2	5.4
ENE	.9	.8	.1	.5								2.4	5.4
E	1.1	1.5	2.0	1.4								6.0	7.6
ESE	.8	1.2	1.2	.4		.2	.1					3.9	8.0
SE	.9	.7	.5	.4								2.5	5.8
SSE	1.3	1.8	1.5	1.1								5.7	6.7
S	4.1	4.5	2.0	.8	.2							11.7	5.3
SSW	1.2	1.3	1.1	.4								3.9	5.8
SW	.6	.7	.5	.1								1.9	5.2
WSW	1.1	1.5	.4									3.0	4.2
W	.5	.9	.2	.1								1.8	5.1
WNW	.5	.8	.1	.2								1.7	5.5
NW	.7	.2	.1	.6	.1							1.8	6.0
NNW	.4	.8	1.4	1.9	.4	.1						5.0	10.3
VARBL													
CALM												24.6	
	18.4	23.3	18.6	13.0	1.7	.4	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 [illegible] 0 STATION | ELLINGTON AFB TX STATION NAME | 64-70,73-80 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	3.3	5.1	3.4	5.2	.4							19.4	8.1
NNE	1.1	1.9	1.8	.5								5.2	6.5
NE	1.7	2.4	.9	.4								5.0	5.3
ENE	.4	1.3	.5	.1								2.4	5.8
E	1.5	1.2	1.5	1.3	.2							5.7	7.4
ESE	.2	.5	.9	.7	.1	.1						3.0	9.5
SE	1.1	1.2	.9	.2								3.4	5.5
SSE	1.1	2.0	1.7	.8								6.6	6.2
S	4.5	1.9	.5	.6	.2							7.7	4.5
SSW	.6	.4	.2	.2								1.4	5.4
SW	.5	.8	.4	.1								1.8	5.2
WSW	.5	.7	.4	.1								1.7	5.9
W	.6	1.7	.7									3.0	5.2
WNW	.5	1.1	.6	.1								2.2	5.5
NW	.4	.4	1.1	1.2								3.0	9.5
NNW	.6	1.2	.5	1.2	.4							3.8	9.1
VARBL													
CALM												24.9	
	19.0	24.0	18.0	12.8	1.2	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | FEB MONTH

ALL WEATHER CLASS | 1600-0800 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	5.0	5.6	3.8	.7							16.9	8.2
NNE	1.3	1.4	2.7	1.4	.1							7.0	7.6
NE	1.3	1.4	1.8	.6								5.1	6.7
ENE	1.1	1.1	.7	.4	.1							3.3	6.2
E	.7	2.5	2.0	.9	.1							6.3	7.3
ESE	.7	1.8	1.3	.2	.4		.1					4.5	7.5
SE	1.5	1.5	.8	.5								4.4	5.3
SSE	1.9	1.7	2.1	.4								6.0	5.7
S	2.1	2.2	.9	.2	.1							5.7	5.1
SSW	.2	.2	.2									.7	4.5
SW	.5	.4	.4									1.2	4.9
WSW	.8	1.3	.4									2.5	4.5
W	.4	1.8	.4	.1								2.6	5.3
WNW	.6	1.1	.6	.1								2.4	5.5
NW	.6	.5	.7	.6	.1	.1						2.6	8.6
NNW	.8	.9	2.4	.8	.5							5.4	8.9
VARBL													
CALM												23.5	
	16.4	24.7	22.9	10.0	2.1	.1	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13966 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.8	2.7	6.4	.2							12.9	10.1
NNE	.2	1.4	4.3	2.6								8.5	9.2
NE	.1	1.8	2.1	.6	.1							4.7	7.9
ENE	.6	1.2	1.9	.7	.7							5.1	9.0
E	.5	2.1	4.6	1.9								9.1	8.2
ESE	.6	1.2	2.1	2.0	.4							6.3	9.2
SE	.2	1.2	1.2	.4	.1							3.1	7.4
SSE	.2	.8	3.1	3.0	.4							8.0	9.6
S	1.1	2.6	3.3	4.7	.7							12.4	9.6
SSW	.4	.7	1.5	1.2	.1							3.9	9.3
SW	.2	.6	.6	.5	.2							2.1	9.1
WSW	.1	.7	.5	.8								2.1	9.0
W	.7	1.3	1.9	.8	.1	.2						5.1	8.2
WNW	.6	.2	.7	.7	.1							2.4	8.9
NW	.4	.4	.9	1.5	.2	.2						3.7	11.5
NNW	.5	.8	.8	4.1	.1							6.4	11.2
VARBL													
CALM												4.3	
	7.7	19.9	32.3	31.9	3.5	.5						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.5	3.1	5.0	.7							12.1	9.9
NNE	.2	1.1	1.8	.8								3.9	8.2
NE	.1	1.2	2.0	.8								4.1	8.1
ENE	.6	.5	1.8	.7	.4							3.9	9.1
E	.7	1.3	4.3	2.0	.5	.1						8.9	9.3
ESE	.4	1.1	3.3	1.4	.7							6.9	9.5
SE	.1	1.3	1.3	1.1	.4							4.1	9.4
SSE	.2	.5	1.9	2.8	.8	.1						6.4	11.9
S	.1	.6	3.3	7.0	1.9	.1						13.0	12.7
SSW		.6	1.8	2.0	.5							4.8	11.4
SW	.6	.6	2.1	1.7	.1							5.1	9.0
WSW	.7	.5	.6	.7	.1							2.6	8.2
W	.1	1.2	2.0	.2	.2	.2						4.0	8.9
WNW	.2	.5	1.1	.9	.1	.1						3.0	10.1
NW	.5	.8	1.3	3.3	.7	.1						6.7	11.7
NNW	.5	1.2	1.9	3.7	.9							8.2	10.8
VARBL													
CALM												2.4	
	5.9	15.2	33.5	34.2	8.0	.8						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13726 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.3	3.1	4.0	.5	.1						11.1	9.7
NNE	.1	1.1	2.3	.7								3.9	7.9
NE	.4	.8	.9	.7	.1							3.0	8.4
ENE	.4	1.1	.7	.4	.2							2.7	7.3
E	.1	2.3	4.3	2.0	.2							8.6	8.9
ESE	.5	2.1	4.3	1.7	.2							8.7	8.7
SE	.5	2.3	2.5	1.1								6.0	7.8
SSE		.5	2.6	4.4	.5							7.9	11.6
S	.4	.6	2.4	8.3	1.4	.2						13.2	12.7
SSW	.2	.1	.9	2.6	.2							4.1	11.6
SW	.2	.9	1.7	1.4								4.3	9.0
WSW	.4	.6	.6	.4	.1							2.0	8.1
W	.9	1.3	1.2	1.1	.2							4.7	8.1
WNW		.2	.6	.7	.4	.1						2.0	12.6
NW	.5	.8	2.4	1.8	.8	.1						6.4	10.8
NNW	.5	1.7	1.8	5.0	.7	.1						9.7	11.1
VARBL													
CALM												1.5	
	6.4	17.8	31.8	36.1	5.7	.7						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (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	1.5	4.3	4.4	3.1	.4	.1						13.7	7.9
NNE	.2	.9	.6									1.8	5.9
NE	.4	.5	.1	.7								1.7	8.2
ENE	.9	.9	1.1	.4	.1							3.4	6.7
E	1.3	1.3	2.2	.5	.2							5.6	7.2
ESE	2.2	3.1	3.3	1.3	.1	.1		.1				10.3	7.3
SE	2.0	2.1	1.3	.1								5.6	5.1
SSE	2.7	5.8	3.1	1.7								13.2	6.1
S	2.4	5.8	5.4	2.5								16.1	7.0
SSW	.4	.9	1.2	.5								3.0	7.7
SW	.7	.2	.6	.4								1.9	6.7
WSW	.8	.1	.2									1.2	4.0
W	.9	.5	.4									1.8	4.6
WNW	.6	1.3	.5	.4								2.7	6.2
NW	.1	1.1	1.2	1.1	.1							3.5	9.4
NNW	.5	.9	2.5	2.6	1.3	.4						8.2	11.9
VARBL													
CALM												6.5	
	17.7	29.8	28.0	15.0	2.2	.6		.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (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	1.9	4.8	4.5	3.8	.9							16.0	8.5
NNE	.5	.9	.8									2.2	5.6
NE	.4	.8	.4	.6	.1							2.2	3.0
ENE	.6	.4	.4	.4								1.7	6.4
E	1.9	1.5	1.8	.6	.1							5.9	6.4
ESE	.7	1.9	1.5	.8	.2	.2		.1				5.2	9.1
SE	2.1	2.4	1.3	.4								6.1	5.1
SSE	1.8	3.1	1.9	.7								7.4	5.9
S	6.4	6.3	2.7	1.7	.1							17.1	5.3
SSW	1.1	1.4	.7	.4								3.5	5.8
SW	.2	.4	.6									1.2	6.5
WSW	.4	.7	.1									1.2	4.3
W	.4	1.2	.6									2.2	5.1
WNW	.5	.9	.2	.2								1.9	5.3
NW	.6	.8	.2	.5	.1							2.2	7.5
NNW	.4	2.1	1.3	2.5	.5							6.7	9.6
VARBL													
CALM												17.0	
	19.8	31.9	19.2	12.9	2.1	.2		.1				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.8	4.3	4.5	.6	.0						15.0	8.8
NNE	.6	1.2	1.9	.8	.0							4.5	7.6
NE	.5	1.1	1.1	.6	.0							3.6	7.1
ENE	.7	.9	.9	.4	.2							3.1	7.3
E	1.0	1.7	2.8	1.3	.2	.0						7.0	7.9
ESE	.8	1.6	2.2	1.1	.3	.1	.0	.0				6.1	8.5
SE	1.1	1.6	1.2	.5	.1							4.4	6.4
SSE	1.4	2.0	2.2	1.8	.2	.0						7.7	7..
S	2.6	3.1	2.6	3.2	.6	.0						12.1	8.1
SSW	.5	.7	1.0	.9	.1							3.2	8.5
SW	.4	.6	.8	.5	.0							2.4	7.6
WSW	.6	.8	.4	.3	.0							2.0	6.2
W	.6	1.2	.9	.3	.1	.1						3.1	6.9
WNW	.4	.8	.5	.4	.1	.0						2.3	7.6
NW	.5	.6	1.0	1.3	.3	.1						3.7	10.2
NNW	.5	1.2	1.6	2.7	.6	.1						6.7	10.6
VARBL													
CALM												13.1	
	13.9	23.0	25.5	20.7	3.3	.4	.0	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 6768

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	3.4	2.9	3.5	.4	.1						12.8	8.3
NNE	1.5	1.7	1.8	1.0								6.0	6.8
NE	.9	.8	.4	.3								2.4	5.9
ENE	.8	.8	.4	.3								2.3	5.8
E	.9	1.7	1.3	.8	.4							5.1	7.7
ESE	1.1	1.1	3.1	1.2	.1							6.6	8.0
SE	.6	1.4	2.8	1.8	.1	.1						6.9	8.8
SSE	1.7	2.3	3.2	3.4	.2							10.9	8.4
S	2.5	3.2	4.4	2.4								12.5	7.0
SSW	1.5	1.3	1.2	.3								4.3	5.7
SW	.4	1.0	.2	.1								1.7	5.1
WSW	.5	1.8	.3									2.7	4.4
W	.4	.6	.3									1.4	5.3
WNW	.6	.5	.1	.1								1.4	5.2
NW	.3	.5	.2	.3								1.4	6.9
NNW	.6	.8	1.2	1.0	.3							3.9	6.9
VARBL													
CALM												18.0	
	16.8	22.9	24.0	16.6	1.6	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 931

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12926 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (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	1.1	2.5	3.8	2.9	.5							10.8	6.9
NNE	1.5	2.2	1.8	1.2								6.7	6.8
NE	1.5	1.0	1.1	.3	.1							4.0	6.2
ENE	1.2	1.1	.4		.1							2.8	5.0
E	.5	1.7	1.8	1.1		.1						5.3	7.7
ESE	.9	1.3	1.8	.8	.3	.2						5.2	8.6
SE	1.0	1.4	1.6	2.0	.4							6.5	9.0
SSE	1.3	2.5	3.5	2.5	.5							10.3	8.5
S	2.2	3.4	2.6	1.5	.1							9.8	6.7
SSW	1.3	.8	.9	.1								3.0	4.7
SW	.4	1.4	.5	.1								2.5	5.7
WSW	1.2	.6	1.0									2.8	4.9
W	1.5	.8	.4									2.7	4.1
WNW	.5	.5	.5	.1			.1					1.8	7.3
NW	.4	.8	.4	.4	.1	.1						2.3	6.4
NNW	.4	.2	1.3	1.5	.1							3.5	10.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	20.2	
	16.8	22.0	23.5	14.5	2.4	.4	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (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	1.8	1.9	3.7	3.0	.6							11.1	8.9
NNE	.9	1.8	2.0	.4	.1							5.3	6.7
NE	.9	1.5	2.3	.3								4.9	6.7
ENE	1.3	1.8	1.2	.2	.2							4.7	6.0
E	.4	2.7	3.5	1.8	.1	.2						8.8	8.5
ESE	.8	1.4	1.7	.9		.1						4.8	7.9
SE	.6	1.2	2.0	1.3	.9							6.0	9.8
SSE	1.2	1.9	3.1	2.9	.4	.2						9.8	8.9
S	2.2	2.3	2.4	1.6	.2							8.6	7.1
SSW	.4	.4	.3									1.2	4.7
SW	.9	.6	.5									2.0	4.5
WSW	.8	1.0	.8									2.5	5.0
W	1.1	1.3	1.0	.3								3.7	5.6
WNW	.2	.2	.3	.3		.1						1.2	9.7
NW	.4	.4	.2	.5	.1							1.7	8.8
NNW	.3	1.0	1.4	1.4	.3	.1						4.5	9.9
VARBL													
CALM												19.1	
	14.1	21.5	26.5	15.1	3.0	.8						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	3.3	4.1	.3							9.8	10.3
NNE	.2	.5	1.9	1.2	.1							4.0	9.4
NE	.2	1.0	1.9	1.2	.1							4.4	8.8
ENE	.9	1.7	2.5	1.1	.1							6.2	7.5
E	.8	2.8	3.9	4.1	.6							12.2	9.5
ESE	.4	.6	2.6	3.2	.3							7.2	10.6
SE	.4	.6	2.0	1.7	.9							5.7	10.7
SSE	.4	.9	2.8	3.0	1.1	.3						8.5	11.4
S	.4	1.2	4.3	6.7	2.6		.1					15.3	12.2
SSW	.1	.2	.9	1.3	.1							2.6	10.6
SW	.6	.8	1.3	.5								3.2	6.9
WSW	.3	1.0	.9	.5								2.7	7.3
W	.3	.5	1.6	1.1	.2							3.6	9.3
WNW	.5	.3	.2	1.3								2.4	9.4
NW	.2	.6	.3	1.5	.1	.2						3.0	11.3
NNW	.2	.3	1.1	3.9	.6							6.1	12.1
VARBL													
CALM												3.0	
	6.7	14.6	31.5	36.3	7.2	.5	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.3	3.1	3.1	.3							7.9	10.2
NNE	.4	1.1	1.4	1.0								3.9	7.8
NE	.2	.6	2.0	.4								3.3	8.1
ENE	.1	1.0	2.6	.1								3.8	7.5
E		2.6	4.4	3.7	.8							11.4	10.2
ESE		.9	3.1	3.4	.9	.2						8.5	11.6
SE	.4	.8	1.8	2.3	1.1		.1					6.5	11.4
SSE	.2	.3	2.3	3.1	1.9							8.3	12.3
S	.4	1.2	3.3	9.3	2.3	.1						16.6	12.5
SSW	.1	.5	1.3	1.5	.8	.1						4.3	12.0
SW	.2	1.0	.9	.6								2.7	8.1
WSW	.1	.5	1.8	.4	.1							3.0	8.6
W	.6	.8	1.7	1.6	.1	.1						5.0	9.6
WNW		.4	.5	.9	.1	.1						2.0	11.4
NW		1.0	2.4	2.2	.1							5.6	10.2
NNW	.3	.2	1.5	2.6	.9	.2						5.7	12.2
VARBL													
CALM												1.6	
	3.6	14.2	34.2	36.2	9.3	.9	.1					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	3.4	3.1	.5							9.0	9.7
NNE	.2	.6	1.0	.2								2.0	7.5
NE	.3	.5	1.6									2.5	7.0
ENE	.4	1.0	1.8	.3								3.5	7.3
E	.4	1.3	4.1	2.3	.1							8.2	9.0
ESE	.2	1.6	4.5	6.0	.5							12.9	10.6
SE	.5	1.1	2.4	2.5	.3	.2						7.0	10.4
SSE	.1	1.0	2.0	6.5	.8							10.3	11.7
S	.1	.9	5.2	8.2	1.6							15.9	12.0
SSW		.4	1.3	1.4	.1							3.2	10.5
SW	.3	.4	.4	.6								1.8	8.3
WSW	.1	1.1	.6	.4	.1							2.4	8.0
W	.3	1.0	1.1	1.1	.1		.2					3.8	9.8
WNW		.3	1.0	1.6	.3							3.2	11.6
NW		.5	1.4	1.9	.8							4.6	12.0
NNW	.1	1.0	2.3	3.7	.6	.2						7.8	11.4
VARBL													
CALM												1.7	
	4.1	13.8	34.1	39.8	5.9	.4	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12960 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.8	3.2	2.8	.6							10.8	8.7
NNE	.9	1.2	1.0	.2								3.2	6.1
NE	1.0	.5	.8	.3								2.6	6.0
ENE	.8	.5	1.1	.1	.1							2.6	6.3
E	.9	.4	2.5	2.5	.1	.3						6.7	9.8
ESE	1.7	2.4	4.1	2.9	.2							11.3	8.3
SE	.6	3.9	3.9	1.5	.2							10.1	7.5
SSE	1.4	3.7	7.0	3.0	.2							15.3	6.3
S	1.3	6.3	6.2	3.0	.1							17.0	7.6
SSW	.2	.4	.9	.3								1.8	7.9
SW	.2	.3	.2									.8	5.6
WSW	.2	.3	.2		.1							.9	6.9
W	.3	.6	.8	.1								1.8	6.6
WNW	.1	.9	1.1	.3								2.4	7.7
NW	.1	.4	1.1	1.1	.3							3.0	10.4
NNW	.3	1.1	1.3	2.0	.4	.2						5.4	10.8
VARBL													
CALM												4.5	
	11.3	25.8	35.2	20.2	2.5	.5						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12918 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.7	3.1	3.4	.8							12.6	8.5
NNE	.8	1.6	1.1	.2								3.7	6.0
NE	.2	.9	.4	.1								1.6	5.5
ENE	.4	1.2	1.1	.2								2.7	6.0
E	.8	1.2	2.0	1.4	.4	.1						5.9	9.2
ESE	1.1	2.0	2.8	2.5	.1							8.5	8.4
SE	1.3	2.7	2.9	2.0	.4							9.4	7.9
SSE	2.5	3.4	4.2	3.0	.2							13.3	7.8
S	4.3	4.1	4.2	1.6								14.2	6.1
SSW	1.5	2.3	.6	.4								4.6	5.4
SW	1.2	1.4	.4	.1								3.1	4.8
WSW	.4	.9										1.3	4.1
W	.3	.5	.3									1.2	4.8
WNW	.4	.4	.2	.2								1.3	5.9
NW	.4	.5	.9		.1							1.9	6.3
NNW	.6	.8	1.2	1.3	.5							4.4	9.8
VARBL													
CALM												10.3	
	17.8	27.1	25.5	16.6	2.6	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | MAR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.2	3.3	3.3	.5	.0						10.6	9.0
NNE	.8	1.3	1.5	.7	.0							4.3	7.1
NE	.6	.8	1.3	.4	.0							3.2	7.0
ENE	.7	1.1	1.4	.3	.1							3.6	6.6
E	.6	1.8	2.9	2.2	.3	.1						7.9	9.2
ESE	.8	1.4	3.0	2.6	.3	.1						8.1	9.4
SE	.7	1.6	2.4	1.9	.5	.0	.0					7.2	9.2
SSE	1.1	2.0	3.5	3.4	.7	.1						10.8	9.4
S	1.7	2.8	4.1	4.3	.9	.0	.0					13.7	9.2
SSW	.6	.8	.9	.7	.1	.0						3.1	7.8
SW	.5	.9	.6	.3								2.2	6.2
WSW	.5	.9	.7	.2	.0							2.3	6.2
W	.6	.8	.9	.5	.1	.0	.0					2.9	7.6
WNW	.3	.5	.5	.6	.1	.0	.0					2.0	9.0
NW	.2	.6	.9	1.0	.2	.0						2.9	9.9
NNW	.4	.7	1.4	2.2	.5	.1						5.2	10.9
VARBL													
CALM												9.8	
	11.4	20.2	29.3	24.4	4.3	.5	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13966 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0000-2200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.4	1.2	.9	.1							7.1	6.5
NNE	.9	1.0	.6									2.4	4.6
NE	1.4	1.3	.3	.4								3.6	5.3
ENE	.4	1.1		.2								1.8	5.2
E	1.6	.8	1.0	.1								3.4	4.9
ESE	1.6	1.9	1.6	.3								5.3	5.8
SE	1.9	3.3	3.4	2.0	.1							10.7	7.2
SSE	2.1	2.8	4.4	3.0	.1	.1						12.4	8.2
S	2.2	2.4	5.1	2.2	.2	.1						12.3	7.9
SSW	.6	1.1	.9									2.6	5.2
SW	1.1	.8	.2									2.1	3.8
WSW	1.6	.8										2.3	3.-
W	.8	.6		.1								1.4	3.9
WNW	.6	.4	.1									1.1	3.7
NW	.6	.1	.6	.6								1.8	7.6
NNW	.4	.6	.3	1.0	.2							2.6	9.3
VARBL													
CALM												27.0	
	19.9	21.4	19.8	10.9	.8	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13956 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.9	2.4	1.7	.1							9.0	6.9
NNE	1.7	1.3	1.3	.2								4.6	5.3
NE	1.6	1.2	.3									3.1	3.7
ENE	.9	1.6	.2	.1								2.8	4.7
E	1.6	2.2	.9	.3								5.0	5.0
ESE	.9	2.1	1.6	.1		.1						4.8	6.3
SE	1.7	2.8	2.0	1.4								7.9	6.6
SSE	1.7	3.8	4.7	2.0	.2							12.3	7.6
S	1.4	2.2	4.9	1.8	.3							10.7	8.0
SSW	.2	.6	.3									1.1	4.9
SW	.2	.3	.1									.7	4.2
WSW	.8	.7										1.4	3.4
W	1.3	.7	.3									2.3	3.7
WNW	.3	.6	.2	.1								1.2	5.4
NW	.6	.4	1.0	.4								2.4	7.1
NNW	.8	1.0	.8	1.0								3.6	7.5
VARBL													
CALM												27.1	
	17.4	24.3	21.1	9.2	.7	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12?6 (STATION) ELLINGION AFB TX (STATION NAME) 69-70,73-80 (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	1.1	2.3	3.9	1.3	.1							8.8	7.7
NNE	1.3	1.9	1.4	.7								5.3	6.2
NE	1.0	2.6	1.4	.4								5.4	6.0
ENE	1.6	2.2	1.3	.3								5.4	5.7
E	.6	2.0	2.9	.8								6.2	7.6
ESE	1.0	2.1	2.3	.8								6.2	6.8
SE	.9	3.2	3.8	2.2	.1							10.2	7.8
SSE	.7	2.6	5.3	2.2	.4							11.2	8.6
S	1.6	2.6	3.2	1.8								9.1	7.6
SSW	.4	.3	.2	.1								1.1	5.7
SW	.4	.1	.1									.7	4.0
WSW	.3	.1	.4									.9	5.3
W	.7	1.1	.9									2.7	5.9
WNW	.2	.8	.4									1.4	5.6
NW	.4	.3	.9	.4								2.1	7.8
NNW	.8	1.4	.4	1.0	.1							3.8	7.5
VARBL													
CALM												19.3	
	13.0	25.7	29.1	12.1	.8							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

LCB.6 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	2.8	3.7	.1							8.1	9.9
NNE	.3	1.0	2.3	1.7								5.3	8.9
NE	.2	.9	2.1	.2								3.4	7.5
ENE	.9	1.3	2.9	.7								5.8	7.6
E	.4	1.7	4.1	4.0								10.2	9.4
ESE	.9	.7	4.0	3.6	.1							9.2	9.8
SE	.1	1.3	3.0	3.2	.4							8.1	10.7
SSE	.6	1.4	4.9	5.8	1.2	.1						14.0	11.1
S	.7	1.7	4.4	6.9	.6	.2						14.5	11.0
SSW	.1	.8	.9	1.1	.1							3.0	10.0
SW		.8	.3	.2								1.3	6.7
WSW	.3	.6	.7	.3								1.9	7.0
W	.6	1.0	1.3	1.1	.1							4.1	8.2
WNW	.6	.4	.9	.8								2.7	8.0
NW	.1	.4	.2	.7								1.4	9.0
NNW	.1	.8	1.4	1.0	.3							3.7	9.6
VARBL													
CALM												3.1	
	6.5	15.8	36.4	34.9	3.0	.3						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12Y6 (STATION) | FLLINGTON AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.4	2.7	2.0								7.4	6.3
NNE	.2	.9	2.3	1.1	.1							4.7	8.7
NE	.4	.6	.9	.7								2.6	7.7
ENE	.8	.7	1.6	1.1	.1							4.2	8.2
E	.4	1.7	4.0	4.4								10.6	9.8
ESE	.3	.9	4.3	5.9								11.4	10.7
SE	.4	1.1	3.6	2.2	.8	.1						8.2	10.3
SSE		1.2	3.8	8.0	2.3	.3						15.7	12.8
S	.7	1.2	3.0	7.2	1.4	.6						14.1	11.9
SSW	.2	.2	1.0	1.2								2.7	9.8
SW	.2	.7	.8	.6								2.2	7.7
WSW	.1	.4		.1								.7	5.5
W	.3	.7	.4	.1								1.6	5.7
WNW	.1	.4	.6	1.2	.1							2.4	11.0
NW	.3	.8	1.2	1.9								4.2	9.7
NNW	.3	.7	1.1	2.4	.2	.1						4.9	10.8
VARBL													
CALM												2.4	
	5.3	14.6	31.2	40.2	5.1	1.1						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12956 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) APP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	3.0	1.7								6.6	8.1
NNE	.1	.9	1.2	.6	.3							3.1	9.4
NE	.3	.9	.8	.2	.1							2.3	7.3
ENE	.3	.6	.6	.4	.1	.1						2.1	8.4
E	.6	2.0	4.6	1.8	.3							9.2	8.5
ESE	.3	1.9	7.6	6.8	.1							16.6	10.0
SE	.1	1.6	3.3	4.8	.4	.1						10.3	10.7
SSE		1.1	4.9	8.9	1.4	.1						16.4	12.0
S	.3	1.2	4.9	6.6	1.3	.1						14.4	11.4
SSW		.7	.6	.6								1.8	8.8
SW	.1	.2	.4	.3								1.1	8.4
WSW	.2	.1	.2									.6	5.6
W	.4	.8	1.0									2.2	5.8
WNW	.1	.6	.7	.9	.1							2.3	10.3
NW	.1	.6	1.6	.7	.7	.2						3.8	11.0
NNW	.2	.6	2.3	1.7	.7	.1						5.6	10.7
VARBL													
CALM												1.6	
	4.0	14.7	37.6	35.8	5.7	.8						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.3	2.6	1.1	.2							8.2	7.2
NNE	.4	.9	.8	.2	.3							2.7	7.9
NE	.4	1.0	.6	.1								2.1	5.7
ENE	.1	.8	.7									1.6	6.3
E	1.0	2.7	2.6	.4								6.7	6.5
ESE	1.3	2.4	6.7	2.0	.1							12.6	7.9
SE	1.6	4.3	6.1	3.3	.4							15.8	8.3
SSE	2.2	4.1	6.4	4.8	.4	.1						18.1	8.5
S	2.2	4.7	5.7	2.4	.2							15.2	7.3
SSW	.4	1.1	.6	.1								2.2	5.6
SW	.1		.1									.2	6.0
WSW	.1											.1	2.
W	.4	.2	.2									.9	4.0
WNW	.3	.4	.4									1.2	5.5
NW	.1	.3	.8	.4	.1							1.8	9.6
NNW	.1	1.1	1.2	1.3	.4	.1						4.3	10.3
VARBL													
CALM												6.3	
	12.0	27.4	35.3	16.3	2.3	.2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (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	1.3	2.9	2.2	1.6	.2							8.2	7.4
NNE	1.3	.3	.6	.2								2.4	5.2
NE	1.0	.4	.3	.1								1.9	4.9
ENE	.3	1.3	.6									2.2	5.6
E	.8	1.6	1.8	.4								4.6	7.0
ESE	1.0	3.3	2.0	.4	.2							7.0	6.6
SE	2.2	3.8	5.6	2.7	.4							14.7	8.1
SSE	1.8	3.6	4.8	3.6	.1							13.8	8.1
S	4.5	2.4	4.0	2.4	.3							13.7	6.6
SSW	1.3	1.6	.7									3.6	4.3
SW	1.0	1.3	.1									2.4	3.9
WSW	.4	.2										.7	3.2
W	.4	.4										.9	3.5
WNW	.1		.2	.1								.4	8.3
NW	.6	.2	.3									1.1	4.7
NNW	.3	.6	.6	.3	.2		.1					2.1	9.4
VARBL													
CALM												20.2	
	18.5	24.1	23.7	11.9	1.6		.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 898

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (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	1.2	2.3	2.6	1.7	.1							7.9	7.7
NNE	.8	1.0	1.3	.6	.1							3.8	7.2
NE	.8	1.1	.8	.3	.0							3.1	6.0
ENE	.7	1.2	1.0	.4	.0	.0						3.2	6.6
E	.9	1.3	2.7	1.5	.0							7.0	7.9
ESE	.9	1.9	3.8	2.5	.1	.0						9.1	8.6
SE	1.1	2.7	3.8	2.7	.3	.0						10.7	8.6
SSE	1.1	2.6	4.9	4.8	.8	.1						14.3	9.7
S	1.7	2.3	4.4	3.9	.6	.1						13.0	9.1
SSW	.4	.8	.6	.4	.0							2.3	6.9
SW	.4	.5	.3	.1								1.3	5.5
WSW	.5	.4	.2	.1								1.1	4.5
W	.6	.7	.5	.2	.0							2.0	5.7
WNW	.3	.5	.4	.4	.0							1.6	7.9
NW	.3	.4	.8	.6	.1	.0						2.3	8.9
NNW	.4	.8	1.0	1.2	.3	.0	.0					3.8	9.6
VARBL													
CALM												13.4	
	12.1	21.0	29.3	21.4	2.5	.3	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12908 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.3	2.3	.4	.1							7.3	5.6
NNE	.5	.8	.4	.4								2.2	6.9
NE	1.4	.6	.5			.1						2.7	4.7
ENE	.6	.6										1.3	3.9
E	1.0	1.2	.2									2.4	4.5
ESE	1.3	1.6	.6	.3	.1							4.0	5.7
SE	1.7	3.0	1.6	.6	.2							7.2	6.1
SSE	4.9	3.8	3.1	.3	.2							12.4	5.2
S	3.9	4.3	3.2	.5								11.9	5.4
SSW	1.4	.1	.4	.1								2.0	4.4
SW	.8	.9										1.6	3.7
WSW	1.9	.5	.2									2.7	3.5
W	.9	.6	.1									1.6	3.7
WNW	.5	.2										.8	3.1
NW	.5	.5		.1								1.2	4.1
NNW	1.0	.5	.4									1.9	4.2
VARBL													
CALM												36.9	
	24.6	21.6	13.2	2.9	.6	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	3.2	1.8	1.3								9.5	5.8
NNE	1.9	.9	.3		.1							3.2	4.0
NE	2.4	.6	.3	.1								3.4	3.6
ENE	1.6	.9	.1									2.6	2.9
E	1.0	1.2	.6	.1								2.9	4.8
ESE	1.7	.4	1.1	.4								3.7	5.7
SE	3.0	1.4	1.7	.4								6.6	5.1
SSE	4.5	3.1	2.4	.6								10.6	5.1
S	2.2	2.6	2.9	.4								8.1	5.8
SSW	.4	1.3	.1									1.8	4.5
SW	1.1	.8		.1								1.9	3.6
WSW	1.4	.3	.1									1.8	3.0
W	1.1	.9										1.9	3.4
WNW	.2	.4				.1						.8	6.9
NW	1.0	.3	.2									1.5	3.5
NNW	.9	.9	.4	.1								2.3	5.2
VARBL													
CALM												37.4	
	27.4	19.1	12.2	3.7	.1	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12926 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.2	2.4	1.1								8.0	6.5
NNE	1.6	1.1	1.5	1.0								5.2	6.7
NE	2.0	2.5	1.0	.1								5.6	4.6
ENE	1.4	.8	.2									2.4	3.4
E	1.5	2.1	1.2	.3								5.1	5.1
ESE	1.3	1.1	1.6	.5	.2	.1						4.8	7.1
SE	2.3	3.3	2.7	1.1	.1							9.5	6.3
SSE	2.3	4.2	4.3	1.3								12.0	6.5
S	1.6	3.4	4.5	1.5								11.1	7.1
SSW	1.0	.9	.3	.1								2.3	4.3
SW	.6	.3	.3									1.3	4.8
WSW	.5	1.0	.6									2.2	5.1
W	.8	1.2	.2	.1								2.3	4.6
WNW	.3	.8	.3									1.4	5.2
NW	.6	.4	.3	.1								1.5	4.5
NNW	.6	.8	.6	.1								2.2	5.6
VARBL													
CALM												23.4	
	20.9	25.8	22.2	7.3	.3	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 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	.9	1.4	1.7	1.4	.1							5.5	7.9
NNE	.3	.8	1.1	2.5	.1							4.7	10.4
NE	.4	1.4	1.7	.4								4.0	7.1
ENE	.4	2.[illegible]	1.6	.5								4.6	6.7
E	1.2	2.9	4.2	1.4								9.7	7.3
ESE	.9	1.8	3.[illegible]	1.5	.1							7.3	8.1
SE	.5	1.8	3.1	1.2	.1							6.8	7.9
SSE	.9	1.9	5.4	5.6	.2	.1						14.1	9.9
S	.6	1.5	7.8	6.6	.2							16.8	9.9
SSW	.3	1.4	1.4	1.3								4.4	8.4
SW	1.[illegible]	1.3	1.5	.1								3.9	5.9
WSW	1.0	.9	1.[illegible]	.2								3.[illegible]	5.7
W	.9	1.7	1.4	.2								4.2	6.[illegible]
WNW	.3	.5	1.3	.1								2.3	7.[illegible]
NW	.6	.4	.5	.3								1.9	6.6
NNW		.5	1.5	.4								2.5	5.9
VARBL													
CALM												4.4	
	10.2	22.4	38.3	23.8	.9	.1						100.0	8.[illegible]

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE

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

1256 ELLINGTON AFB TX 69-70,73-80
STATION STATION NAME YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	
N	.3	1.1	2.2	1.7	.1							
NNE	.6	.9	1.4	1.3								
NE	.2	.8	.5									
ENE	.9	.8	1.3	.2								
E	1.1	2.9	6.3	2.9								1
ESE	.3	2.1	4.3	3.3	.3							1
SE	.4	1.9	2.5	3.1	.1							
SSE	.6	1.9	5.1	6.8	.6							1
S	.8	1.9	6.6	6.7	.5							1
SSW	.2	.9	2.5	.9								
SW	.3	1.5	1.1	.3								
WSW	.3	.5	.1									
W	.6	.8	1.7	.2								
WNW	.4	.3	.9	.1								
NW	.5	1.1	1.1	.3	.1							
NNW	.4	1.2	.5	1.1	.2							
VARBL												
CALM												
	8.6	20.1	37.6	28.9	2.0							1C

TOTAL NUMBER OF OBSERVATIONS ____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (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	1.5	2.9	1.3	.2	.1						6.3	6.7
NNE	.2	.4	1.1	.5	.2							2.5	7.2
NE	.3	.6	1.0	.1	.1							2.2	7.3
ENE	.1	1.0	.6	.3								2.0	7.3
E	.9	2.3	4.1	1.7								8.9	7.9
ESE	.3	3.3	5.1	4.2	.1							13.0	9.1
SE	1.2	1.5	4.1	5.1								11.6	9.5
SSE	.4	1.5	6.1	6.5	.4	.1						15.1	10.2
S	.4	2.4	5.8	9.0	.2							20.9	9.9
SSW	.3	.3	1.7	1.0								3.8	8.7
SW	.2	.4	.4	.2								1.3	7.3
WSW	.2	.2	.4	.2								1.1	7.6
W	.1	1.2	1.1	.2								2.6	7.1
WNW	.2	.4	.6	.2								1.5	7.6
NW	.3	.3	1.1	.4								2.2	7.6
NNW	.6	.2	.8	1.3	.1							3.0	8.9
VARBL													
CALM												1.7	
	6.5	18.1	39.9	32.3	1.4	.2						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	ELLINGTON AFB TX	69-70,73-80	MAY

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	3.0	1.6	1.4								8.1	5.7
NNE	.5	1.3	.9	.4								2.8	6.9
NE	.5	.7	.3	.1								1.7	5.3
ENE	1.1	.4	.3	.1		.1						1.9	5.4
E	1.1	1.4	1.8	1.0								5.3	7.0
ESE	1.4	2.9	4.5	1.3	.1							9.7	7.3
SE	1.7	5.1	6.2	1.7								14.7	7.5
SSE	2.2	5.7	3.7	1.9	.2							13.4	7.5
S	4.7	7.8	7.7	2.4								22.7	6.3
SSW	.3	1.4	1.5	.2								3.8	6.9
SW	.4	.5	.3									1.3	5.3
WSW	.1	.5		.1								.8	6.1
W		.2	.2	.1								.5	7.4
WNW		.2	.3									.5	6.5
NW	.4	.3	.2									1.0	5.3
NNW	.1	.2	.5	.1								1.0	8.6
VARBL													
CALM												5.9	
	16.5	32.4	34.0	17.9	.3	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]6 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (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	1.7	2.3	1.6	.8	.1							6.5	6.4
NNE	.6	.9	.8	.4								2.7	5.1
NE	.8	.5	.3	.2								1.8	5.2
ENE	.8	.5	.2									1.5	4.2
E	1.1	1.4	.8	.1								3.3	4.9
ESE	1.5	1.2	.9	.9								4.4	6.2
SE	4.1	4.5	3.2	1.1								12.8	5.6
SSE	6.8	5.3	4.5	1.6								19.1	5.3
S	7.6	4.7	1.7	.6								14.8	4.3
SSW	1.3	1.7	.5	.2								3.9	4.8
SW	1.1	.9	.4									2.4	4.2
WSW	.9	.3	.1									1.3	3.3
W	.1		.1		.1							.3	10.0
WNW	.3	.4	.1									.9	4.8
NW	.5	.1	.1	.1								.9	4.6
NNW	.5	.6	.1									1.3	3.7
VARBL													
CALM												23.3	
	29.6	25.3	15.5	6.1	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12956 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.2	2.1	1.2	.1	.0						7.1	6.9
NNE	.8	.8	.9	.8	.1							3.4	7.5
NE	1.1	1.5	.7	.1	.0	.0						2.9	5.3
ENE	.9	.9	.5	.1		.0						2.4	5.2
E	1.1	1.9	2.4	.9								6.3	7.0
ESE	1.1	1.8	2.6	1.6	.1	.0						7.2	7.9
SE	1.8	2.3	3.1	1.8	.1							9.7	7.1
SSE	2.3	3.4	4.9	3.1	.2	.0						14.6	7.5
S	2.7	3.6	5.4	3.5	.1							15.3	7.7
SSW	.6	1.1	1.0	.5								3.2	6.8
SW	.7	.8	.5	.1								2.2	5.1
WSW	.8	.5	.3	.1								1.7	4.7
W	.6	.3	.6	.1	.0							2.1	5.6
WNW	.3	.4	.4	.1		.0						1.2	6.3
NW	.6	.4	.4	.2	.0							1.7	5.5
NNW	.5	.6	.6	.4	.0							2.2	7.1
VARBL													
CALM												17.0	
	18.0	23.1	26.6	14.5	.7	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7442

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) FLLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0000-2200 (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	.4	.6									2.2	4.3
NNE	1.6	.9	.1			.1						2.6	4.1
NE	.7	.2	.2									1.1	4.2
ENE	.9	.1	.1	.1								1.2	4.0
E	.4	.1										.6	2.4
ESE	.8	.2										1.0	3.6
SE	2.7	1.1	.9	.1	.1							4.9	4.5
SSE	5.2	3.8	2.9	1.0								13.5	5.2
S	5.2	2.1	2.2	.6								13.0	4.0
SSW	1.9	1.1	.3									3.3	3.9
SW	1.4	1.8	.1	.1								3.4	4.
WSW	.8	.7	.1									1.6	3.9
W	1.1	.9	.1									2.1	3.2
WNW	.4		.1									.6	4.2
NW	.3	.1										.4	2.
NNW	.2		.3									.7	4.3
VARBL													
CALM												47.8	
	28.6	13.3	8.1	1.9	.1	.1						100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 895

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | [redacted] MONTH

ALL WEATHER CLASS | 0360-2500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	1.1	.7	.2	.1							5.4	4.1
NNE	1.9	1.3	.4									3.7	3.8
NE	.8	.9		.1								1.7	4.1
ENE	.4											.4	2.5
E	1.6	.1		.1								1.8	2.9
ESE	.6	.1										.7	2.8
SE	2.7	.6	.3	.3	.1							4.0	4.6
SSE	7.4	2.8	3.0	.8		.1						14.1	5.7
S	4.1	2.7	2.0	.2								9.0	4.4
SSW	1.4	.8	.1									2.3	3.1
SW	.9	.1	.1									1.1	3.3
WSW	.9	.8	.1									1.8	3.8
W	1.6	.4	.2									2.2	3.3
WNW	.6	.3	.1									1.0	3.4
NW	.7	.2										.9	2.4
NNW	.4		.6									1.0	5.8
VARBL													
CALM												52.9	
	25.2	12.1	7.7	1.8	.2	.1						100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	2.4	.4	.1								6.3	3.8
NNE	2.9	1.6	1.3	.4								6.2	5.3
NE	2.2	2.?	1.0									5.2	4.3
ENE	.7	1.6	.4									2.7	5.0
E	.6	.7	.3	.1								1.7	4.9
ESE	.9	.4	.1									1.3	3.6
SE	1.2	2.?	.2	.2								3.7	4.5
SSE	3.1	3.1	3.7	2.0								11.9	6.7
S	2.9	4.?	4.6	1.7								13.1	6.5
SSW	.7	1.9	1.?	.2								3.8	5.7
SW	1.1	1.2	.6									2.9	4.6
WSW	1.?	.7	.8									2.8	4.7
W	.8	.?	.1	.1								1.9	4.5
WNW	.4	.8										1.2	3.8
NW	.3	.6	.1	.1								1.1	5.1
NNW	.6	.2	.3	.2								1.3	5.?
VARBL													
CALM												32.8	
	22.9	24.0	15.0	5.2								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	1.7	.3								5.0	6.1
NNE	.1	1.1	1.0	.9								3.1	6.2
NE	.7	2.6	1.6	.1								4.9	6.0
ENE	1.0	2.6	1.8	.1								5.4	5.9
E	1.6	2.7	2.1	.3								6.7	5.7
ESE	.6	1.2	1.6	.2								3.6	6.6
SE	.3	.9	1.8	.1								3.1	6.8
SSE	1.3	1.9	4.8	5.0	.6							13.6	9.6
S	1.2	4.4	8.3	6.7	.4							21.1	9.2
SSW	1.0	1.9	3.2	2.2	.1							8.4	8.0
SW	.3	1.9	2.1	1.3								5.7	7.9
WSW	.2	1.3	1.8	.6								3.9	7.7
W	.8	1.3	1.4	.1								3.7	5.7
WNW	.1	1.0	.6									1.7	5.9
NW	.1	.4		.2								.8	6.9
NNW	.7	.1	.4	.2								1.4	5.7
VARBL													
CALM												8.0	
	11.0	27.3	34.1	18.4	1.1							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.9	1.7	.6								4.0	6.6
NNE	.4	1.4	1.1	.1								3.1	6.4
NE	.7	1.9	.9	.2	.1							3.8	6.1
ENE	.3	2.6	.7	.1								4.1	5.1
E	1.3	3.0	2.7	1.0								8.0	6.6
ESE	.7	2.2	4.2	1.3	.1							8.6	7.6
SE	1.7	2.4	3.6	.9	.1							8.7	6.9
SSE	1.0	2.6	4.4	4.4	.3							12.8	9.4
S	.8	2.7	8.5	10.1	.9							22.9	10.5
SSW	.3	1.8	2.6	1.8								6.5	8.6
SW	.3	2.2	1.8	.4								4.8	6.5
WSW	.8	1.0	.9	.2								2.9	6.2
W	.7	1.1	.9	.6								3.2	6.8
WNW	.3	.3	.6	.2								1.4	7.1
NW		.3	.2	.1								.7	7.8
NNW	.1	.8	.3	.2								1.4	6.6
VARBL													
CALM												3.1	
	10.8	27.3	34.9	22.4	1.6							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12960 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	1.0	.6								3.3	7.2
NNE	.1	.6	1.4	.3								2.4	7.6
NE	.7	1.2	.9									2.8	5.3
ENE	.6	1.3	.3	.2								2.4	5.4
E	1.3	3.8	3.0	.8								8.9	6.2
ESE	.8	2.3	4.7	.8								8.6	7.3
SE	1.0	2.7	5.2	2.0	.1							11.0	7.8
SSE	.6	2.4	8.4	5.8	.6							17.8	9.7
S	.4	3.3	10.3	10.8	.3	.1						25.3	9.9
SSW	.6	1.3	2.1	1.0								5.0	7.6
SW	.4	1.4	.8									2.7	5.5
WSW	.7	.9	.4									2.0	4.8
W	.9	.4	.1	.2								1.7	4.9
WNW		.7	.1	.2								1.0	6.9
NW	.2	.2	.3	.5								1.1	8.2
NNW	.1	.4	.3	.4	.1							1.4	9.3
VARBL													
CALM												2.6	
	8.8	24.4	39.6	23.4	1.1	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.4	.3	.1								2.9	5.2
NNE	1.0	1.4	.6	.1								3.1	4.6
NE	.9	.6	.2	.1								1.8	4.3
ENE	.7	.1		.2								1.0	4.9
E	1.3	.9	1.0									3.2	4.8
ESE	1.0	2.3	1.4	.1								4.9	5.6
SE	2.9	5.2	3.6	1.0								12.7	6.0
SSE	4.1	8.3	8.4	2.7	.1							23.6	6.7
S	4.8	10.9	11.9	4.0								31.6	6.8
SSW	.7	.9	1.4	.1								3.1	6.1
SW	.3	1.0	.3									1.7	5.0
WSW	.2	.2	.1									.6	3.6
W	.1	.4										.6	4.0
WNW	.1	.2	.1									.4	5.5
NW	.1	.1	.1		.1							.4	9.5
NNW	.4		.4	.3								1.2	5.4
VARBL													
CALM												7.3	
	19.6	34.1	30.0	8.8	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12218 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (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	.8	.2	.2	.2								1.4	5.2
NNE	.7	1.2	.2									1.9	4.1
NE	1.3	.3	.6	.1								2.3	4.4
ENE	.9	.2	.1									1.2	3.3
E	.7	.2		.1								1.0	3.8
ESE	.4	.7										1.1	3.6
SE	3.6	2.9	1.1	.4								8.0	4.6
SSE	9.8	5.6	3.4	1.0								19.8	4.5
S	11.9	6.3	1.3	.2								19.8	3.5
SSW	2.9	1.9	.6									5.3	3.9
SW	1.4	1.1	.4									3.0	4.1
WSW	.6	.6	.3									1.4	4.5
W		.1										.1	4.2
WNW	.2											.2	2.5
NW			.1									.1	7.2
NNW	.3											.3	1.7
VARBL													
CALM												32.9	
	35.4	21.1	8.4	2.1								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13966 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

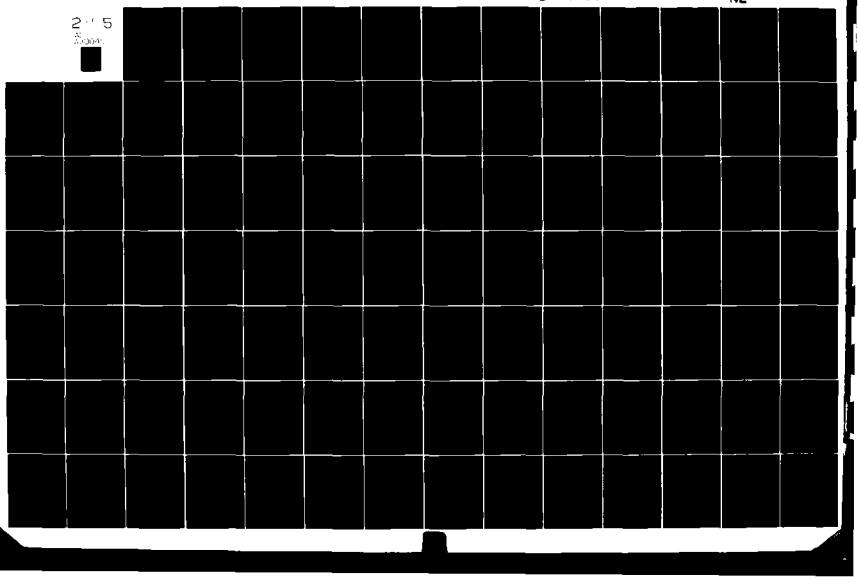
(CONDITION)

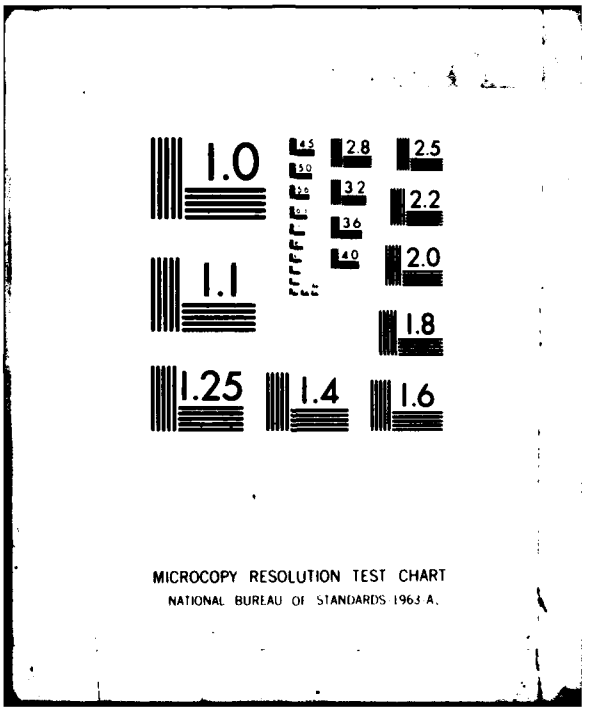
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.2	.8	.3	.0							3.8	5.
NNE	1.1	1.2	.8	.2		.0						3.3	5.
NE	1.0	1.2	.7	.1	.0							2.9	5.
ENE	.7	1.1	.4	.1								2.3	5.
E	1.1	1.4	1.1	.3								4.0	5.
ESE	.7	1.2	1.5	.3	.0							3.7	6.
SE	2.0	2.2	2.1	.6	.1							7.0	6.
SSE	3.6	3.8	4.9	2.8	.2	.0						15.4	7.
S	4.3	4.5	6.1	4.3	.2	.0						19.5	7.
SSW	1.2	1.4	1.4	.7	.0							4.7	6.
SW	.9	1.3	.8	.2								3.2	5.
WSW	.7	.8	.6	.1								2.1	5.
W	.7	.7	.4	.1								1.9	4.
WNW	.3	.4	.2	.1								.9	5.
NW	.2	.3	.1	.1	.0							.7	6.
NNW	.4	.3	.3	.2	.0							1.1	6.
VARBL													
CALM												23.4	
	20.3	23.0	22.2	10.5	.5	.0						100.0	4.

TOTAL NUMBER OF OBSERVATIONS 719

AD-A110 045 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ELLINGTON AFB, HOUSTON, TEXAS REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
AUG 81

UNCLASSIFIED USAFETAC/DS-81/087 SBI-AD-E850 115 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-73,73-80 (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	1.1	.1										1.2	2.2
NNE	1.1	.2	.2		.1							1.6	4.3
NE	.6	.2	.2									1.1	3.6
ENE	.3	.3										.6	3.3
E	.4	.1										.5	2.2
ESE	1.1	.3	.1									1.5	2.9
SE	2.2	.2										2.4	2.2
SSE	3.1	.8										3.9	2.5
S	6.1	1.7	.1	.1	.1							8.2	2.9
SSW	3.4	1.9	.1	.1								5.6	3.4
SW	5.4	2.4		.1								7.8	3.1
WSW	4.1	1.1	.2									5.4	3.0
W	2.0	.6										2.7	2.8
WNW	.4	.2										.6	3.0
NW	.4	.2	.1									.8	3.6
NNW	.1	.3										.4	4.5
VARBL													
CALM												55.7	
	31.9	10.8	1.1	.3	.2							100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	.5	.1									2.8	2.8
NNE	1.2	.3	.1									1.6	3.0
NE	1.8	1.0	.1									2.9	3.2
ENE	.3		.1									.4	3.0
E	.6	.8										1.4	3.8
ESE	.3											.3	2.0
SE	.8											.8	1.9
SSE	.8	.2										1.0	2.8
S	3.2	.9	.2	.1	.1	.1						4.6	4.0
SSW	1.6	.1	.1		.1							1.9	3.3
SW	2.3	.4		.2								2.9	3.3
WSW	2.9	1.7	.2	.1								4.9	3.5
W	2.7	.8	.1									3.5	2.9
WNW	.9	.2										1.1	2.6
NW	.8											.8	2.3
NNW	.2	.1										.3	3.0
VARBL													
CALM												68.7	
	22.5	7.0	1.1	.4	.2	.1						100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.0	.3									3.4	3.3
NNE	1.6	1.0	.4									3.0	3.8
NE	1.8	2.3	.6									4.7	4.0
ENE	1.3	1.4	.5									3.2	4.4
E	.9	.6	.1	.1								1.7	3.7
ESE	.5	.4	.1									1.1	3.6
SE	1.3	.3	.1									1.7	3.0
SSE	.9	1.0	.1									1.9	3.9
S	1.9	2.0	.5		.1							4.6	4.5
SSW	1.2	1.2	.8	.1		.1						3.3	5.6
SW	1.8	2.4	.5	.1								4.8	4.4
WSW	1.7	1.8	.5									4.1	4.1
W	3.3	3.4	.8									7.5	3.9
WNW	2.2	1.3	.5									4.0	3.8
NW	1.6	.3	.1									2.0	2.9
NNW	.9	.2										1.1	2.7
VARBL													
CALM												47.5	
	25.1	20.7	6.1	.3	.1	.1						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 928

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.1	.8	.1								3.8	4.5
NNE	1.0	.9	1.1									2.9	5.4
NE	.6	1.1	1.1									2.8	5.6
ENE	.9	1.8	.3									3.0	4.6
E	1.5	1.7	1.9	.4	.1							5.7	6.2
ESE	.6	1.2	1.0	.2								3.0	5.8
SE	.8	.6	.6	.3								2.4	6.2
SSE	1.7	2.3	1.9	.1								5.8	5.6
S	1.7	4.9	3.2	.8								10.6	6.1
SSW	1.1	2.4	2.3	.5								6.2	6.4
SW	2.0	4.7	2.8	.6								10.2	5.9
WSW	2.5	4.0	4.3	.6								11.4	5.9
W	1.9	6.0	3.4	.2								11.6	5.7
WNW	1.6	2.4	1.0	.1								5.1	4.8
NW	1.3	1.7	.9									3.9	4.6
NNW	.4	1.0	.4									1.8	5.1
VARBL													
CALM												9.8	
	21.5	37.5	27.0	4.1	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (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	.9	.6	.2	.2	.1							2.0	5.4
NNE	.6	.8	.4	.3								2.2	5.8
NE	.4	1.0	.5	.1								2.0	5.6
ENE	.8	.9	.4	.1								2.2	5.0
E	1.8	3.3	3.0	.6								8.8	6.3
ESE	1.0	2.5	3.1	.6								7.2	6.7
SE	1.7	3.3	2.7	.3								8.1	6.0
SSE	1.1	2.2	4.3	.9	.1							8.5	7.4
S	1.8	4.6	7.8	1.6								15.9	7.4
SSW	1.4	2.9	2.0	.8								7.1	6.3
SW	1.7	2.9	2.6	.4								7.6	6.1
WSW	1.9	3.8	3.0	.3								9.0	5.6
W	1.2	3.4	1.5									6.1	5.4
WNW	.9	.8	.1									1.7	3.7
NW	1.4	.8	.3	.1								2.6	4.3
NNW	.8	.4	.2									1.4	3.8
VARBL													
CALM												7.5	
	19.4	34.1	32.4	6.5	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	.5		.1							1.6	6.1
NNE	.4	.3	.3									1.1	4.5
NE	.3	.5	.8									1.6	6.1
ENE	.3	.5	.5	.1								1.5	6.1
E	1.5	2.8	1.9	.3								6.6	5.9
ESE	.9	3.0	3.9	.4								8.2	6.9
SE	1.2	3.9	4.1	1.0								10.2	6.9
SSE	1.5	3.2	6.2	1.0								11.9	7.1
S	1.8	5.9	17.3	6.0								31.1	8.4
SSW	.8	2.2	4.4	1.6								8.9	7.7
SW	.6	1.5	2.5	.8								5.4	7.3
WSW	.8	2.3	.5									3.5	5.0
W	.3	1.5	.5									2.4	5.4
WNW	.5	.3										.9	3.1
NW	.2	.2	.2									.6	5.5
NNW		.2	.3	.1								.6	8.2
VARBL													
CALM												4.0	
	11.5	29.0	44.1	11.3	.1							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.1										1.0	2.6
NNE	.4	.6	.2	.1								1.4	4.9
NE	.5	.4	.2			.1						1.3	5.7
ENE	1.1		.2	.1								1.4	4.1
E	1.7	.9	.3	.1	.1							3.1	4.7
ESE	1.4	1.6	.9	.1								4.0	4.8
SE	1.7	3.0	1.0	.2								5.9	4.9
SSE	3.3	5.5	4.2	.2								13.3	5.4
S	8.3	19.3	15.7	1.5								44.9	5.9
SSW	1.1	3.0	3.5	1.0								8.5	7.0
SW	.6	.6	.9									2.2	5.3
WSW	.2	.5	.1									.9	4.8
W	.4	.5	.1									1.1	4.1
WNW	.1	.3										.4	4.5
NW	.2	.1	.2									.5	5.6
NNW			.2									.2	7.5
VARBL													
CALM												9.9	
	22.1	36.7	27.7	3.3	.1	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (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	.6	.2										.9	2.6
NNE	.5	.2	.1	.2								1.1	5.5
NE	.5	.1	.1	.1								.9	4.5
ENE	1.0	.4										1.4	2.8
E	1.1	.5	.1									1.7	3.3
ESE	.6	1.0	.1									1.7	3.4
SE	2.6	.5	.1									3.2	2.8
SSE	6.7	2.5	.2									9.4	2.9
S	15.3	6.8	.5									22.7	3.1
SSW	5.1	5.1	.9									11.0	3.9
SW	2.2	2.3	.3	.2								5.0	4.2
WSW	.8	.3			.1							1.2	4.4
W	.8	.3	.1									1.2	3.5
WNW	.3	.1	.1									.5	3.8
NW	.3											.3	1.7
NNW	.2											.2	3.0
VARBL													
CALM												37.6	
	38.6	20.4	2.7	.5	.1							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13SC6	ELLINGTON AFB TX	69-70,73-80	JUL
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	1.2	.5	.2	.0	.0							2.1	3.8
NNE	.9	.5	.4	.1	.0							1.9	4.6
NE	.8	.8	.5	.0		.0						2.2	4.6
ENE	.7	.7	.3	.0								1.7	4.4
E	1.2	1.3	.9	.2	.0							3.7	5.5
ESE	.8	1.3	1.1	.2								3.4	5.8
SE	1.5	1.5	1.1	.2								4.3	5.3
SSE	2.4	2.2	2.1	.3	.0							7.0	5.4
S	5.0	5.8	5.7	1.3	.0	.0						17.8	5.9
SSW	2.0	2.3	1.7	.5	.0	.0						6.6	5.7
SW	2.1	2.2	1.2	.3								5.7	5.1
WSW	1.9	1.9	1.1	.1	.0							5.1	4.8
W	1.6	2.1	.8	.0								4.5	4.6
WNW	.9	.7	.2	.0								1.8	4.0
NW	.8	.4	.2	.0								1.4	4.2
NNW	.3	.3	.1	.0								.8	4.6
VARBL													
CALM												30.1	
	24.1	24.5	17.8	3.4	.1	.0						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.2										1.8	2.4
NNE	1.4	.8										2.2	2.9
NE	2.5	.8										3.2	2.8
ENE	.8		.1	.1								1.0	4.3
E	.5	.4	.4	.4								1.8	6.6
ESE	1.0	.2										1.2	2.5
SE	1.0	.6										1.6	3.1
SSE	3.0	1.0										4.0	2.6
S	5.1	1.2	.2	.1								6.6	2.8
SSW	1.5	.6										2.2	2.7
SW	1.2	1.1	.1									2.4	3.3
WSW	1.7	.5										2.3	2.6
W	2.0	.6										2.7	2.5
WNW	.4	.3										.8	3.0
NW	.5		.1									.6	3.3
NNW	.3											.3	2.3
VARBL													
CALM												65.4	
	24.5	8.4	1.0	.6								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-8[illegible] (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0	.3										4.3	2.2
NNE	2.3	1.3										3.5	3.0
NE	2.5	2.0										4.5	3.4
ENE	.6	.6		.3								1.6	5.6
E	.3		.1	.1								.5	5.6
ESE	.2			.1								.3	5.0
SE	1.2	.3										1.5	2.9
SSE	1.3	.4	.2									1.9	3.4
S	2.5	.3	.4	.1								3.3	3.4
SSW	.9	.4										1.3	2.8
SW	.5	.5										1.1	3.3
WSW	.6	.4										1.1	3.3
W	1.3	.9										2.2	3.1
WNW	.4	.2										.6	3.0
NW	.6											.6	2.2
NNW	1.0											1.0	2.2
VARBL													
CALM												70.5	
	20.2	7.8	.8	.6								100.0	.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 69-72-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.2	1.3	.2									6.7	2.8
NNE	3.5	3.1	.6									7.3	3.9
NE	3.1	2.5	.6	.3								6.6	4.4
ENE	1.5	.5	.5									2.6	3.9
E	1.2	.6	.6	.1								2.6	5.0
ESE	.8	.5	.1									1.4	3.8
SE	1.0	.3	.1									1.4	3.1
SSE	.9	2.0	.1									3.0	3.8
S	3.0	1.0	.8	.1								4.8	3.8
SSW	.9	2.0	.2									3.1	4.1
SW	.9	.4	.1									1.4	3.4
WSW	1.3	.9	.2									2.4	3.5
W	.6	.6	.4	.1								1.8	5.2
WNW	.9	.5	.1									1.5	3.5
NW	.8	.1	.1	.1								1.1	3.6
NNW	1.0	.3										1.3	2.8
VARBL													
CALM												51.1	
	26.3	16.9	4.9	.8								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.5	.9	.2								4.4	5.3
NNE	1.5	1.3	1.0	.3								4.1	5.3
NE	1.9	3.3	1.9									7.2	5.0
ENE	2.3	3.7	2.5	.3								8.5	5.5
E	2.5	3.9	2.0	.4	.1							8.9	5.6
ESE	.9	1.7	1.4	.6	.1							4.7	7.0
SE	1.2	2.5	1.4	.4								5.5	5.8
SSE	1.7	2.2	1.2	.3								5.4	5.0
S	1.3	3.5	2.7	1.3	.2							9.0	7.1
SSW	1.1	2.8	1.6	.8								6.2	6.4
SW	1.6	2.5	2.3	.1	.1							6.6	5.8
WSW	1.8	3.4	1.5									6.8	4.8
W	1.7	1.9	1.3	.1								5.1	5.0
WNW	1.1	1.0	.5									2.6	4.8
NW	1.3	.6	.2									1.8	3.6
NNW	.6	1.3	.1									1.7	3.8
VARBL													
CALM												11.5	
	22.8	37.7	22.5	4.9	.5							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] STATION | ELLINGTON AFB TX STATION NAME | 69.72-80 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	.8	1.4	.9									3.0	5.0
NNE	.8	1.3	.6	.4								3.1	6.1
NE	1.1	2.2	1.8									5.1	5.6
ENE	1.3	2.7	2.2	.1								6.2	5.6
E	1.7	5.1	6.3	1.1	.4							14.6	7.0
ESE	2.3	4.2	4.6	1.1								12.2	6.4
SE	1.1	2.5	3.4	.8								7.7	6.8
SSE	1.3	4.4	2.6	1.1	.1							9.5	6.6
S	1.7	3.1	6.2	2.5	.1							13.7	7.7
SSW	1.0	1.4	2.3	.5								5.2	6.8
SW	.6	2.0	1.3									4.0	5.9
WSW	1.2	1.4	.9	.1								3.5	5.0
W	.9	1.6	.3	.1								2.9	4.5
WNW	.3	.6	.3									1.3	4.4
NW	.3	.4	.1									.9	4.6
NNW	.6	.4	.5									1.6	5.0
VARBL													
CALM												5.6	
	16.9	34.7	34.4	7.7	.6							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.2	.3	.1								1.0	6.2
NNE	.8	.4	.4	.2								1.8	5.2
NE	.5	.9	1.2									2.6	6.1
ENE	1.1	1.9	1.0	.3								4.3	5.9
E	1.6	4.6	4.5	.5	.1							11.4	6.4
ESE	2.0	6.3	6.1	1.2								15.7	6.5
SE	1.7	4.8	6.2	1.2								14.0	6.8
SSE	1.6	5.3	6.1	1.4								14.4	6.9
S	1.3	4.1	10.0	3.1	.1							18.6	8.3
SSW	.4	1.6	2.2	.2								4.4	6.9
SW	.4	.9	1.0	.1								2.4	6.0
WSW	.3	.3	.4	.1								1.2	6.4
W	.3	.4	.4	.1								1.3	6.1
WNW	.3		.2									.5	4.8
NW	.9	.2										1.1	2.8
NNW		.1	.2									.3	6.0
VARBL													
CALM												5.1	
	13.7	32.2	40.3	8.6	.2							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (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	≥56	%	MEAN WIND SPEED
N	.5	.1	.3	.1								1.1	5.4
NNE	.5	.1	.1									.8	3.4
NE	1.0	.9	.6									2.5	4.7
ENE	1.3	1.1	.2	.3								2.6	4.9
E	2.5	2.0	1.3	.8								6.6	5.4
ESE	2.9	4.2	1.6									8.7	4.6
SE	4.3	4.1	1.6	.1								10.1	4.3
SSE	7.7	5.7	3.3	.4								17.2	4.4
S	6.8	13.7	6.2	.9								27.5	5.2
SSW	.2	.9	.8									1.8	5.5
SW	.3	.3	.1									.8	4.1
WSW	.3	.1	.2									.6	4.5
W	.5	.2	.1									.9	3.3
WNW	.2	.1										.3	2.7
NW	.1	.1										.2	3.5
NNW	.6	.1										.8	2.9
VARBL													
CALM												17.6	
	29.6	33.7	16.6	2.6								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-72-80 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	.6	.1	.1									.9	2.6
NNE	.2	.2										.4	3.5
NE	1.5	.9	.3									2.7	3.8
ENE	1.5	1.1	.2	.1								2.9	4.2
E	1.6	.8	1.3									3.7	5.1
ESE	1.2	.8	.2									2.2	3.9
SE	3.0	.3	.2									3.5	2.8
SSE	5.8	1.9	.1	.1								8.0	2.9
S	10.2	3.2	.5									14.0	3.0
SSW	3.3	.5	.2									4.1	2.9
SW	1.2	.3	.1									1.6	3.2
WSW	.6	.4										1.1	3.6
W	.3	.5										.9	3.6
WNW	.4	.1	.1									.6	3.3
NW	.2											.2	2.0
NNW	.4											.4	2.3
VARBL													
CALM												52.9	
	32.3	11.2	3.4	.2								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12306 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.8	.3	.1								2.9	3.7
NNE	1.4	1.1	.3	.1								2.9	4.3
NE	1.8	1.7	.8	.0								4.3	4.5
ENE	1.2	1.5	.8	.2								3.7	5.2
E	1.5	2.2	2.1	.4	.1							6.3	6.1
ESE	1.4	2.2	1.8	.4	.0							5.8	5.8
SE	1.8	1.9	1.6	.3								5.7	5.4
SSE	2.9	2.9	1.7	.4	.0							7.9	5.0
S	4.0	3.8	3.4	1.0	.1							12.2	5.7
SSW	1.2	1.3	.9	.2								3.5	5.3
SW	.8	1.0	.6	.0	.0							2.5	5.0
WSW	1.0	.9	.4	.0								2.4	4.4
W	1.0	.9	.3	.1								2.2	4.3
WNW	.5	.4	.2									1.0	4.0
NW	.6	.2	.1	.0								.8	3.4
NNW	.6	.2	.1									.9	3.5
VARBL													
CALM												35.0	
	23.3	22.8	15.5	3.3	.2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.6	2.8	.6	.3	.1							8.3	4.0
NNE	3.2	2.4	1.0	.2								6.9	4.3
NE	1.4	2.8	.9	.4								5.6	5.1
ENE	.4	1.1	.4	.1								2.1	5.4
E	1.2	.8	.8	.1	.1							3.0	5.4
ESE	1.2	.3	.2			.1						1.9	4.8
SE	2.3	1.2	.2	.1								3.9	3.3
SSE	2.0	1.4	.4									3.9	3.7
S	2.0	.7		.1								2.8	3.2
SSW	.1											.1	1.0
SW	.8	.1										.9	2.4
WSW	.1	.4										.6	4.0
W	1.0	.3	.2	.1								1.7	3.9
WNW	.3	.6										.9	3.3
NW	.6	.3		.1								1.0	4.1
NNW	.1	.6	.2	.3								1.2	7.3
VARBL													
CALM												55.3	
	21.4	15.9	5.0	2.0	.2	.1						100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.0	4.1	.3	.6								12.0	3.6
NNE	4.7	3.2	1.3	.3								9.6	4.3
NE	1.8	4.3	1.3									7.4	4.8
ENE	.7	.9	.3	.1								2.0	5.1
E	.9	.2	.4									1.6	4.3
ESE	.7	.4		.1								1.2	4.1
SE	1.7	.2	.1	.1	.1							2.2	4.2
SSE	1.6	.4	.3	.2								2.6	4.3
S	1.4	.9										2.3	3.0
SSW	.2		.1									.3	4.3
SW	.4	.1	.1									.7	3.5
WSW	.1	.1	.2									.4	5.8
W	.4	.2	.1									.8	3.7
WNW	.6	.3										.9	3.5
NW	1.1	.7	.2									2.0	3.5
NNW	1.1	.4	.2	.1								1.9	4.1
VARBL													
CALM												52.1	
	24.3	16.7	5.2	1.6	.1							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12976 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	4.4	1.3	.6	.3							12.0	4.6
NNE	4.8	5.3	2.9	1.0								14.0	5.1
NE	3.7	4.6	2.9	.1								11.2	4.9
ENE	1.2	2.1	1.2									4.5	5.2
E	1.2	.8	.3	.1								2.4	4.C
ESE	1.1	.7	.4									2.2	3.9
SE	.8	.7	.2	.1								1.8	4.6
SSE	1.1	1.C	.6									2.7	4.7
S	1.2	1.8	.6	.1								3.7	4.8
SSW	.4	.3	.1									.9	4.4
SW	.3		.1	.2								.7	6.8
WSW	.1	.4		.1								.7	5.5
W	.2	.2	.1									.6	4.8
WNW	.8	.2	.2	.1								1.3	4.7
NW	1.4	.6	.3									2.3	3.6
NNW	1.2	.2	.2	.3								2.0	4.6
VARBL													
CALM												37.0	
	25.0	23.3	11.6	2.8	.3							100.0	3.C

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.8	3.0	1.4	.2							9.4	7.3
NNE	1.3	4.8	2.7	.7								9.4	6.2
NE	2.3	4.7	3.1	.7								10.8	5.9
ENE	2.4	4.8	4.4	.4								12.1	5.9
E	2.7	3.9	4.8	1.0								12.3	6.2
ESE	1.0	1.4	1.3	.4								4.2	5.8
SE	.8	1.8	1.6	.1								4.2	5.7
SSE	1.2	1.7	2.0	1.0								5.9	7.0
S	1.1	2.9	2.7	1.4	.1							8.2	7.1
SSW	.6	1.9	1.2	.4								4.1	6.5
SW	1.1	.3	2.2	.3	.1							4.1	7.0
WSW	.9	1.3	.7									2.9	4.8
W	.7	.4	.2									1.3	4.5
WNW	.9	.9	.1	.1								2.0	4.4
NW	.6	.4	.2									1.2	4.5
NNW	.6	.7	.9	.2								2.3	6.0
VARBL													
CALM												5.3	
	20.1	34.7	31.1	8.3	.4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12956 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (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	1.3	3.0	3.3	1.8	.2	.1						9.8	7.8
NNE	1.2	1.6	3.2	1.0								7.0	7.2
NE	1.1	3.4	2.6	.7								7.8	6.5
ENE	1.2	3.0	2.0	.6	.1							6.9	6.2
E	2.2	6.3	6.0	1.4								16.0	6.7
ESE	1.4	3.2	5.0	1.0								10.7	6.7
SE	.9	3.0	2.7	.4								7.0	6.3
SSE	.4	2.1	2.2	1.6								6.3	7.9
S	.7	2.2	3.6	2.6								9.0	8.3
SSW	.7	.7	1.3	.4								3.1	7.1
SW	1.0	1.8	1.2	.1								4.1	5.9
WSW	1.0	.6	.2	.2								2.0	4.9
W	.3	.7	.1									1.1	4.4
WNW	.1	.4	.1	.1								.8	6.9
NW	.4	.7	.3	.1								1.6	5.9
NNW	.1	1.3	.4	.2								2.1	6.7
VARBL													
CALM												4.8	
	14.2	34.0	34.3	12.2	.3	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (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	1.6	2.3	4.7	1.8	.1	.2						10.7	8.0
NNE	1.1	1.7	3.7	.7								7.1	7.2
NE	.8	1.1	1.7	.2	.1							3.9	7.0
ENE	1.2	1.1	.8	.1								3.2	5.1
E	1.9	6.2	5.8	.7								14.6	6.3
ESE	2.3	6.2	7.1	1.0								16.7	6.5
SE	1.3	4.7	4.4	.1	.1							10.0	6.4
SSE	1.1	1.8	4.6	.2								7.7	7.0
S	.9	2.1	5.7	2.7								11.3	8.4
SSW	.2	.4	1.1	.2								2.0	7.4
SW	.2	.8	.4	.1								1.6	6.1
WSW	.7	.8	.3									1.8	4.6
W	.3	.1	.2									.7	4.7
WNW	.2	.1	.6	.2	.1							1.2	8.1
NW	.2	.1	.3	.4								1.1	8.9
NNW		.4	.7	.1								1.2	7.5
VARBL													
CALM												5.3	
	14.1	29.3	42.0	8.6	.4	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.3	3.8	2.1	1.2	.1	.1						11.7	5.7
NNE	1.7	1.0	.7	.2								3.6	4.8
NE	1.9	1.3	.6	.3								4.1	4.7
ENE	1.9	.6	.1	.2	.1							2.9	4.2
E	2.0	3.2	1.0	.1								6.3	4.6
ESE	4.3	3.3	1.9									9.6	4.3
SE	4.3	3.7	.8	.1			.1					9.0	4.2
SSE	5.7	4.2	1.3			.1						11.3	4.0
S	5.9	5.3	1.7	.1								13.0	4.0
SSW	.7	.8	.3									1.8	4.9
SW	.1	.2	.1									.4	4.6
WSW	.4	.2		.1								.8	4.0
W	.2	.1	.1									.4	4.3
WNW	.1											.1	2.0
NW		.3		.3								.7	5.8
NNW	.1	.4	.4	.1								1.1	6.7
VARBL													
CALM												23.2	
	33.7	28.6	11.1	2.9	.2	.2	.1					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | SEP MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	3.2	1.1	.4								8.0	4.8
NNE	2.3	2.7	.8	.2	.1							5.8	5.1
NE	2.1	1.2	.7	.1	.1							4.2	4.8
ENE	1.4	1.1	.2	.1								2.9	4.4
E	1.7	1.0	.6	.4		.1						3.8	5.5
ESE	2.1	.9	.6									3.4	3.7
SE	2.6	1.8										4.3	3.1
SSE	3.8	1.3	.3									5.4	3.2
S	4.9	.7	.4	.1								6.1	2.7
SSW	1.2	.4										1.7	2.7
SW	.7	.3	.1									1.1	3.6
WSW	1.2	.2										1.4	2.7
W	.2	.3		.1								.7	5.2
WNW	.6	.2		.2								1.0	4.8
NW	.1	.2	.1	.1								.6	6.6
NNW	.7	.3	.1	.1								1.2	4.7
VARBL													
CALM												48.3	
	28.3	16.0	5.0	2.0	.2	.1						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12916 STATION | ELLINGTON AFB TX STATION NAME | 69.72-80 YEARS | SEP MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	3.3	2.1	1.0	.1	.1						10.2	5.7
NNE	2.5	2.8	2.0	.5	.0							7.9	5.5
NE	1.9	2.9	1.7	.3	.0							6.9	5.5
ENE	1.3	1.8	1.2	.2	.0							4.6	5.5
E	1.7	2.8	2.5	.5	.0	.0						7.5	6.0
ESE	1.8	2.1	2.1	.3		.0						6.2	5.7
SE	1.8	2.0	1.2	.1	.0		.0					5.3	5.0
SSE	2.1	1.7	1.5	.4		.0						5.7	5.4
S	2.3	2.1	1.8	.9	.0							7.1	5.9
SSW	.5	.6	.5	.1								1.7	5.9
SW	.6	.5	.5	.1	.0							1.7	5.7
WSW	.6	.5	.2	.1								1.3	4.5
W	.4	.3	.1	.0								.9	4.3
WNW	.4	.3	.1	.1	.0							1.0	5.0
NW	.6	.4	.2	.1								1.3	5.1
NNW	.5	.6	.4	.2								1.6	5.8
VARBL													
CALM												28.9	
	22.7	24.8	18.2	5.0	.3	.1	.0					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13966 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (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	3.9	3.4	1.9	1.9								11.2	5.7
NNE	2.6	2.0	1.5	.3								6.5	4.9
NE	1.8	1.4	2.0									5.3	5.0
ENE	.9	1.7	.8									3.3	4.9
E	.6	1.4	1.0	.3								3.3	6.2
ESE	1.7	.9	.3									2.9	3.5
SE	1.3	.9	1.1	.3								3.5	5.7
SSE	1.1	1.1	1.8	.3	.1							4.4	6.6
S	2.0	1.4	1.0	.2								4.6	4.7
SSW	.6	.2	.1									1.0	3.2
SW	.5	.2	.2									1.0	4.0
WSW	1.0	.2	.2									1.4	3.0
W	.4	.3	.2									1.0	4.0
WNW	.4	.2	.3	.1								1.1	6.0
NW	.8	.2	.1									1.1	3.3
NNW	.8	1.1	.6	.2								2.7	5.9
VARBL													
CALM												45.8	
	20.4	16.7	13.2	3.8	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12936 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | OCT MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.7	2.8	3.1	2.2								14.7	5.5
NNE	3.9	1.9	1.7	.5								8.1	5.0
NE	2.9	2.3	2.0	.3								7.5	5.0
ENE	.9	1.0	.9	.3								3.0	5.9
E	.5	.6	.5	.2								1.9	5.9
ESE	.8	.3	.2									1.3	4.2
SE	1.2	1.2	.9	.2								3.4	5.4
SSE	.8	.5	1.0	.4								2.7	6.6
S	1.2	.8	.8	.6								3.3	6.1
SSW	.1	.5	.1									.8	5.0
SW	.3	.1										.4	2.3
WSW	.2	.3										.5	3.4
W	.8	.6	.2									1.6	3.9
WNW	.9	.2	.1									1.2	3.2
NW	.9	.9	.1									1.8	4.0
NNW	1.1	.8	.3	.1								2.3	4.7
VARBL													
CALM												45.4	
	22.9	14.8	11.9	4.9								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	3.5	2.8	2.8								13.3	6.5
NNE	4.0	4.3	3.4	.4								12.2	5.2
NE	3.3	4.4	2.6	.6								11.0	5.3
ENE	1.3	1.6	1.0	.4	.1							4.4	6.1
E	.6	1.1	1.2	.1								3.0	5.9
ESE	1.0	1.0	.2	.1								2.3	4.0
SE	1.2	1.5	.6	.3								3.4	5.7
SSE	.6	.6	1.3	.3	.1							3.0	7.6
S	.5	.8	.6	.4								2.4	6.6
SSW	.3	.4	.1									.9	4.4
SW	.2	.2		.1								.5	5.6
WSW	.3	.5										.9	3.8
W	1.0	.3	.3									1.6	4.3
WNW	.6	.4	.2	.1								1.4	4.9
NW	.8	.4	.4									1.6	4.6
NNW	.5	.3	.2	.5								1.6	6.7
VARBL													
CALM												36.6	
	20.3	21.5	15.1	6.3	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (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	.5	2.2	2.2	2.6	.2							7.6	8.9
NNE	.8	2.4	3.8	2.0								8.9	8.3
NE	2.2	4.3	3.9	.9								10.9	6.5
ENE	1.8	4.6	4.3	1.2	.1							12.1	6.7
E	1.7	3.1	5.6	1.2	.1							11.7	7.0
ESE	.5	2.5	2.7	.4								6.1	6.9
SE	1.3	1.5	1.6	1.4								5.8	7.2
SSE	.6	.5	1.9	3.0	.2	.1						6.5	10.3
S	1.4	.9	2.0	1.8	.4							6.6	8.9
SSW		.5	.9	.8	.2							2.4	10.2
SW	.8	.9	1.0	.4								3.0	6.5
WSW	.4	.6	1.0	.2								2.3	6.4
W	1.1	1.4	1.4									3.9	5.3
WNW	.5	.6	.2	.1								1.5	5.0
NW	.5	.3	.5	.1								1.5	5.7
NNW	.8	.8	.8	.8								3.0	6.9
VARBL													
CALM												6.2	
	15.0	26.8	33.7	16.9	1.3	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.4	3.4	3.4								9.7	9.0
NNE	.5	1.3	3.3	.5								5.7	7.7
NE	.6	2.2	2.8	.4								6.0	6.9
ENE	1.6	2.7	2.7	.2								7.2	5.9
E	1.5	5.5	7.5	2.7								17.2	7.5
ESE	.9	3.8	3.6	1.2								9.4	7.4
SE	1.0	1.4	2.6	.8		.1						5.8	7.5
SSE	.5	1.3	2.2	3.3	.5							7.9	10.4
S	1.4	1.5	2.9	3.1	.9	.1	.1					10.0	10.1
SSW	.2	.5	.6	.6								2.0	8.2
SW	1.3	.5	.1	.5								2.5	5.2
WSW	.3	.6	.5	.2								1.7	6.6
W	.4	.6	1.0									2.0	5.8
WNW	.3	.4	.4									1.2	5.6
NW	.3	1.1	1.2	.1								2.7	6.8
NNW	1.2	1.4	1.5	1.1	.2							5.4	7.4
VARBL													
CALM												3.6	
	12.6	27.2	36.4	18.3	1.6	.2	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (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	2.3	4.2	4.5	2.7	.1							13.5	7.5
NNE	.8	1.7	2.3	.3	.2							5.1	7.1
NE	.8	1.9	1.2	.1								4.0	5.8
ENE	.8	1.1	.8	.1								2.7	5.2
E	1.8	4.4	5.2	1.4								12.8	6.6
ESE	2.4	5.5	6.9	1.9	.2							16.9	7.1
SE	2.7	4.0	5.1	2.2	.2							13.4	7.4
SSE	.3	2.5	4.2	3.0	.2	.2						10.4	9.4
S	.4	1.0	2.2	2.7	.1	.1						6.5	10.0
SSW	.2	.1	.6	.5	.1							1.6	9.7
SW	.1	.4	.5	.2								1.3	7.8
WSW	.2	.6	.2	.2								1.3	6.1
W		.9	.5	.1								1.5	6.5
WNW	.4	.3	.2									1.0	4.3
NW	.1	.3	.2									.6	6.3
NNW	.2	1.2	1.8	.8								4.0	8.2
VARBL													
CALM												3.4	
	12.6	30.1	36.1	16.2	1.2	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.3	3.9	1.9	1.4	.1							11.3	5.6
NNE	1.3	1.7	.6	.2	.1							3.7	5.5
NE	.9	1.2	.6	.2								2.9	5.7
ENE	1.0	.6	.3									1.9	4.3
E	2.8	1.6	1.9	.2								6.6	5.0
ESE	4.6	3.1	.8	.6								9.1	4.2
SE	4.5	4.6	2.6	.4								12.2	4.7
SSE	5.5	3.8	2.0	.6								11.9	4.6
S	4.6	3.1	1.5	.1								9.4	4.3
SSW	.4	.6	.4									1.5	4.9
SW	.1	.5	.1									.8	4.9
WSW	.2	.3										.5	3.4
W	.3	.3	.1									.8	4.1
WNW	.1	.3	.4									.9	6.8
NW	.2	.1	.1									.4	4.3
NNW	.5	1.1	1.2	.6	.2							3.7	7.4
VARBL													
CALM												22.6	
	30.8	27.0	14.7	4.5	.4							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-72-80 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	3.1	3.3	.8	.1							9.6	6.1
NNE	1.4	1.7	2.7	.5								6.3	6.3
NE	2.2	2.3	.9	.2								5.5	4.6
ENE	1.3	1.2	.2	.2								2.9	4.1
E	2.4	1.2	.8	.1								4.4	4.1
ESE	2.2	1.2	.9	.1								4.3	4.4
SE	2.7	1.5	1.5	.8	.1							6.6	5.7
SSE	1.9	1.1	1.7	.8								5.5	6.3
S	4.4	1.1	1.1									6.6	3.6
SSW	1.0	.2	.6									1.8	4.7
SW	.5	.5	.1									1.2	3.8
WSW	1.1	.4										1.5	3.0
W	.2	.2	.1									.5	4.8
WNW	.4		.1									.5	3.4
NW	.2	.1	.4	.1								.9	6.9
NNW	.5	.6	.4	.2	.1							1.9	6.7
VARBL													
CALM												40.0	
	24.6	16.5	14.8	3.8	.3							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12956 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	3.2	2.9	2.2	.1							11.4	6.7
NNE	1.9	2.1	2.4	.6	.0							7.0	6.2
NE	1.8	2.4	2.0	.3								6.6	5.6
ENE	1.2	1.8	1.4	.3	.0							4.7	5.8
E	1.5	2.4	3.0	.8	.0							7.6	6.5
ESE	1.7	2.3	1.9	.6	.0							6.5	6.0
SE	1.9	2.1	2.0	.8	.0	.0						6.8	6.3
SSE	1.4	1.4	2.0	1.5	.1	.0						6.5	7.8
S	2.0	1.3	1.5	1.1	.2	.0	.0					6.2	7.0
SSW	.4	.4	.4	.2	.0							1.5	7.0
SW	.5	.4	.3	.2								1.3	5.5
WSW	.5	.5	.2	.1								1.3	4.9
W	.5	.6	.5	.0								1.6	5.0
WNW	.5	.3	.3	.0								1.1	5.0
NW	.5	.4	.4	.0								1.3	5.3
NNW	.7	.9	.9	.5	.1							3.1	6.9
VARBL													
CALM												25.5	
	19.9	22.6	22.0	9.3	.6	.1	.0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 69-72-80 (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	2.6	5.8	3.7	3.3	.1							15.4	7.1
NNE	1.4	3.3	2.2	.3	.1							7.4	6.1
NE	.6	2.7	1.6									4.8	5.6
ENE	1.0	.9	.7	.3								2.8	5.6
E	1.4	1.3	2.4	.2								5.4	6.2
ESE	1.6	1.9	.3									3.8	3.9
SE	.4	1.2	.8	.4								2.9	6.5
SSE	.9	1.9	2.1	.4								5.3	6.6
S	1.8	1.6	1.7	.7								5.7	6.0
SSW	.3	.4	.3									1.1	4.8
SW	.7	.6										1.2	3.2
WSW	.7	.2	.2									1.1	4.0
W	.7	.9	.4	.1								2.1	5.1
WNW	.6	1.0										1.6	3.9
NW	1.2	.7	.7	.2	.1							2.7	6.2
NNW	.7	.7	2.3	1.6	.2	.1						5.6	9.6
VARBL													
CALM												31.1	
	16.2	24.9	19.4	7.7	.6	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (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	3.4	4.3	5.0	3.8	.2							16.8	7.6
NNE	1.3	4.4	1.9	.7								8.3	5.9
NE	1.7	1.8	1.8	.6								5.8	5.9
ENE	1.3	1.1	1.0	.2								3.7	5.4
E	.8	1.7	1.3	.3								4.1	6.1
ESE	.8	.3	.1									1.7	3.7
SE	1.0	1.8	.9	.2								3.9	5.4
SSE	1.6	1.0	1.1	.6								4.2	5.7
S	1.7	.9	1.8	.2								4.6	5.6
SSW	.7	.2	.6	.2								1.3	7.1
SW	.3	.3	.1									.8	4.7
WSW	.4	.8										1.2	4.0
W	1.1	1.7	.2									3.0	4.2
WNW	.1	.7	.4	.1								1.3	5.9
NW	1.1	.6	.7	.1								2.4	5.2
NNW	.9	1.0	2.6	1.9	.1							6.5	8.6
VARBL													
CALM												30.4	
	17.9	23.0	19.5	8.9	.3							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	3.7	4.8	4.7								16.3	7.9
NNE	2.6	4.1	2.3	1.4	.1							10.4	6.2
NE	1.2	3.8	2.7	.8	.1							8.6	6.5
ENE	.7	1.4	.6	.1								2.8	5.2
E	1.4	1.8	1.8	.2								5.2	5.7
ESE	1.3	1.3	.6									2.9	4.4
SE	1.0	1.2	.3	.3								2.9	5.3
SSE	1.3	.8	1.1	.3								3.6	6.1
S	1.7	1.3	1.8	.1								4.6	5.6
SSW	.1	.4	.8	.2								1.6	7.2
SW	.2	.4	.4									1.1	5.7
WSW	.2	.9	.1									1.2	4.6
W	1.1	1.4	.4		.1							3.1	5.3
WNW	.4	.6		.3	.1							1.4	6.9
NW	.8	.6	.4	.2	.1	.1						2.2	6.9
NNW	.3	.8	1.0	2.6								4.7	10.1
VARBL													
CALM												27.4	
	17.3	24.1	19.1	11.3	.6	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	4.9	5.9	.7	.1						15.3	9.7
NNE	.8	1.9	3.4	3.3	.6							10.0	9.5
NE	1.3	2.6	3.7	1.9								9.1	7.7
ENE	.8	1.3	3.3	.9	.2							6.2	8.2
E	.7	3.6	3.6	1.2								9.0	7.5
ESE	.6	1.4	1.7	.9								4.6	7.6
SE	.1	1.3	1.9	1.2	.2							5.1	9.3
SSE	.7	.4	1.4	2.3	.2							4.8	9.6
S	.6	1.2	2.6	3.1	.3							7.8	9.7
SSW	.8	.6	1.4	1.6								4.3	8.4
SW	.6	.3	1.3	.7								2.6	8.0
WSW	.2	1.0		.3								1.6	6.9
W	.6	1.1	1.3	.3								3.3	6.6
WNW	.8	.7	.4	.6								2.4	6.5
NW	.3	1.0	.4	1.1	.2							3.1	9.2
NNW	.3	.3	1.6	1.7	.6							4.9	10.4
VARBL													
CALM												5.9	
	10.0	22.1	32.2	26.7	3.0	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 988

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12796 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	6.1	6.4	.7							16.3	9.9
NNE	1.0	2.1	3.0	1.8	.1							8.0	7.8
NE	.8	.6	2.0	1.0	.1							4.4	8.2
ENE	.3	1.6	2.2	1.2								5.3	8.3
E	.6	2.3	4.7	2.9								10.4	8.9
ESE	.3	1.9	2.7	1.7								6.6	8.6
SE	.3	1.1	1.0	1.2	.3	.1						4.1	9.6
SSE	.3	.8	1.9	2.3	.2	.1						5.7	10.4
S	.3	1.1	2.2	5.0	.8	.2						9.7	11.5
SSW		.6	1.3	1.4	.1							3.4	10.5
SW		1.0	1.1	.9	.1							3.1	9.2
WSW	.2	.3	1.0	.3								1.9	8.1
W	.4	.9	1.3	.6								3.2	7.9
WNW	.2	.7	.6	.8								2.2	8.7
NW	.7	.8	1.3	1.1	.2							4.1	8.9
NNW	.6	1.2	2.0	2.9	1.0							7.7	10.7
VARBL													
CALM												3.8	
	7.6	18.6	34.4	31.6	3.7	.4						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.1	7.4	5.0	.4							17.7	8.9
NNE	.3	1.7	2.8	1.8								6.6	8.6
NE		.8	1.0	.3								2.1	7.9
ENE	.9	2.1	1.8	.3								5.1	6.5
E	1.7	3.7	3.0	2.1								10.4	7.3
ESE	1.4	2.8	4.4	1.6								10.2	7.0
SE	.7	2.3	2.0	2.3	.2							7.6	8.6
SSE	1.1	1.3	3.2	2.3	.1							8.1	8.7
S	.3	.4	2.9	3.4	.1							7.2	10.4
SSW	.2	.1	1.4	1.8								3.6	10.1
SW	.2	.3	.9	.8								2.2	9.4
WSW	.2	.4	.2	.1								1.0	6.2
W	.3	.4	.7	.3								1.8	7.2
WNW	.2	.4	1.0	.2								1.9	7.6
NW	.2	1.2	1.3	1.7								4.4	9.3
NNW	.3	.4	2.6	3.0	.8							7.1	11.4
VARBL													
CALM												3.0	
	9.9	21.7	36.7	27.1	1.7							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	5.8	5.2	3.7	.7							17.9	7.7
NNE	.8	2.5	1.8	1.3								6.4	7.1
NE	.7	1.0	.9									2.6	5.2
ENE	.8	1.1	.8	.3								3.0	6.0
E	2.1	3.0	2.2	.4								7.8	5.8
ESE	1.8	2.8	1.5	.2								6.2	5.1
SE	3.9	2.0	2.6	.7								9.2	5.3
SSE	2.8	3.1	2.6	.8								9.3	5.6
S	4.5	3.2	1.6									9.3	4.1
SSW	.3	.8	.6									1.7	5.3
SW	.4	.1	.1									.7	3.2
WSW	.2	.2										.4	3.0
W	.6	.6		.1								1.2	4.7
WNW	.2	.8	.1									1.1	4.3
NW	.6	.8	.7	.3								2.3	6.7
NNW	.1	.9	1.9	2.0	.2	.1						5.2	10.8
VARBL													
CALM												15.7	
	22.2	28.7	22.4	9.9	.9	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1396 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (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	1.9	5.5	3.1	3.6	.4							14.5	7.7
NNE	.3	2.1	2.9	.6		.2						6.6	7.5
NE	.3	2.1	1.2	.3								3.8	6.1
ENE	1.2	1.4	.7	.4								3.8	5.9
E	1.3	1.8	1.8	.6								5.5	6.0
ESE	1.7	1.9	1.2									4.8	4.8
SE	1.2	1.3	1.2	.6								4.3	6.1
SSE	2.3	1.2	3.1	1.2	.1							7.5	7.3
S	4.2	2.8	.7	.2								7.9	4.0
SSW	.7	.8	.4									1.9	4.5
SW	.6	.2	.1	.1								1.0	4.6
WSW	.9	.8	.1									1.8	3.4
W	.6	.4										1.0	3.4
WNW	.6	.2	.1									.9	4.3
NW	.6	.6	.6	.4								2.1	6.8
NNW	.4	1.2	2.3	2.0	.1							6.1	9.3
VARBL													
CALM												26.5	
	19.0	24.4	19.4	9.8	.7	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 897

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	4.3	5.0	4.5	.4	.0						16.3	8.3
NNE	1.1	2.8	2.5	1.4	.1	.0						8.0	7.3
NE	.8	1.9	1.8	.6	.0							5.1	6.7
ENE	.9	1.4	1.3	.5	.0							4.1	6.7
E	1.3	2.4	2.6	1.0								7.2	6.9
ESE	1.1	1.8	1.6	.5								5.1	6.2
SE	1.1	1.6	1.3	.9	.1	.0						5.0	7.0
SSE	1.3	1.3	2.1	1.2	.1	.0						6.0	7.5
S	1.9	1.5	1.9	1.6	.2	.0						7.1	7.4
SSW	.3	.5	.9	.7	.0							2.4	8.1
SW	.4	.4	.5	.3	.0							1.6	7.1
WSW	.4	.6	.2	.1								1.3	5.3
W	.7	.9	.6	.2	.0							2.3	5.8
WNW	.4	.6	.3	.3	.0							1.6	6.3
NW	.7	.8	.8	.7	.1	.0						2.9	7.7
NNW	.5	.9	2.0	2.2	.4	.0						6.0	10.1
VARBL													
CALM												18.0	
	15.0	23.4	25.4	16.6	1.4	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 7192

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	4.5	4.8	2.2								13.9	7.0
NNE	.9	1.8	1.0	.2								3.9	5.9
NE	1.1	.6	.3	.4								2.5	5.5
ENE	1.6	1.2	1.1	.2								4.1	5.1
E	.9	1.6	1.5	.2								4.2	5.9
ESE	.9	1.0	.8									2.6	5.0
SE	.5	1.3	1.6	.4								3.9	6.9
SSE	1.1	1.7	1.4	.8								4.9	6.7
S	3.0	3.3	1.8	.3								8.5	4.9
SSW	.9	.5	.2	.2								1.8	4.9
SW	.6	.4	.4	.1								1.6	5.2
WSW	.9	1.2	.1	.1								2.3	4.4
W	1.4	1.7	.5	.1								3.8	4.7
WNW	.6	.6	.2	.1	.1							1.7	5.8
NW	.6	.8	.9	1.3	.1							3.7	8.4
NNW	.6	1.8	1.8	2.2	.5	.2						7.2	9.6
VARBL													
CALM												29.6	
	18.0	24.2	18.5	8.8	.8	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12 [illegible] 6 STATION | ELLINGTON AFB TX STATION NAME | 68-69,72-79 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	2.0	4.3	3.5	2.0	.3							12.3	7.2
NNE	1.2	2.3	1.4	.1								4.9	5.6
NE	2.5	1.5	.4	.2								4.6	4.2
ENE	1.4	1.4	.9	.1								3.8	5.3
E	1.3	2.2	1.0	.4								4.8	5.4
ESE	.2	1.1	.8									2.0	6.1
SE	1.1	1.9	1.1	.8								4.7	6.4
SSE	1.2	1.7	1.4	.4								4.7	5.8
S	1.8	1.6	.9	.8								5.1	5.7
SSW	.3	.6	.4									1.4	5.2
SW	.4	.3	.1									.9	3.9
WSW	.6	1.5		.2								2.4	4.7
W	.9	1.6	.3									2.8	4.4
WNW	.3	1.6	.3	.4								2.7	6.0
NW	1.3	.9	1.4	1.1	.2							4.8	7.6
NNW	.9	1.9	2.0	2.4	.3							7.5	8.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	30.5	
	17.3	26.5	15.9	8.9	.9							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12956 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	4.2	3.8	2.6	.3							13.8	7.2
NNE	.8	2.3	1.2	.3								4.5	5.6
NE	2.3	1.9	1.0	.2								5.4	4.7
ENE	1.4	1.0	1.4	.4								4.2	6.0
E	2.0	2.8	1.5	.3	.1							6.8	5.7
ESE	1.0	.9	.4	.2								2.5	5.1
SE	1.0	1.8	1.3	.6								4.7	6.3
SSE	1.3	1.9	1.4	.8								5.4	6.3
S	2.2	2.0	.8	.9								5.8	5.3
SSW	.3	.4	.4	.1								1.3	5.8
SW	.3	.8	.1									1.2	4.1
WSW	.5	.3	.1									1.0	4.1
W	1.2	1.1	.5	.3								3.1	5.3
WNW	.5	.5	1.0	.4								2.5	6.8
NW	.8	1.2	1.2	1.3	.2							4.6	6.2
NNW	.6	2.7	1.8	2.0	.4							7.6	8.5
VARBL													
CALM												25.7	
	19.0	25.8	17.8	10.5	1.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.3	5.1	5.5	.4							15.1	9.5
NNE	.6	2.4	3.0	.6	.1							6.8	7.4
NE	.9	1.1	2.2	1.0								5.1	7.5
ENE	.4	2.6	2.3	.6								5.9	7.1
E	1.5	4.2	4.3	1.2	.2							11.4	7.0
ESE	.1	1.6	2.4	.5								4.6	6.1
SE	.6	1.6	1.8	1.1								5.2	7.7
SSE	.1	1.5	1.5	1.6	.3							5.1	9.3
S	1.2	2.3	3.3	3.3	.9							11.0	9.5
SSW	.2	.9	1.1	.8	.2							3.1	9.0
SW	.2	.6	1.4	.6	.1							3.0	9.1
WSW	.3	.8	1.3	.4								2.8	7.7
W	.5	1.3	.8									2.6	5.7
WNW	.4	.3	.4	.4	.1							1.7	8.3
NW	.4	1.0	1.0	1.0	.5							3.9	9.6
NNW	.4	1.7	2.6	2.6	.4							7.7	9.6
VARBL													
CALM												5.2	
	8.8	27.1	34.3	21.3	3.3							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12956 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (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	1.2	3.9	5.1	4.2	.8							15.1	8.9
NNE	.4	.9	1.7	.6	.3							4.0	8.7
NE	.2	.8	.6	.6								2.3	7.9
ENE	.8	1.2	1.2	1.0	.1							4.2	7.9
E	.2	3.7	4.4	2.0								10.3	7.8
ESE	.2	1.8	3.1	2.0	.1							7.3	8.9
SE	.4	1.3	1.3	.9	.1							3.7	8.6
SSE	.1	.3	.8	2.8	1.1	.1						5.2	13.0
S	.3	1.3	3.0	4.9	1.9	.5						11.7	12.6
SSW	.3	.9	1.9	1.9	.6	.1						5.8	10.9
SW	.1	.2	.9	1.9	.2	.3						3.7	12.4
WSW		.5	1.3	.8								2.6	9.0
W	.1	.3	2.6	.9								3.9	9.0
WNW		.2	.9	.9	.2							2.2	11.3
NW	.2	1.3	2.8	1.1	.4	.1						5.9	9.6
NNW	.9	1.7	2.4	2.6	.8							8.3	9.7
VARBL													
CALM												4.1	
	5.5	19.6	33.9	29.1	6.7	1.2						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (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	1.6	4.6	3.3	4.5	.2							14.3	6.5
NNE	.8	1.2	.4	.5	.2							3.1	7.0
NE	.8	1.2	.9	.3								3.1	6.1
ENE	.6	1.0	1.4	.2	.2							3.4	7.4
E	.8	2.9	3.7	1.2								8.5	7.4
ESE	1.5	3.4	3.5	1.6	.2							10.3	7.3
SE	.9	2.6	1.4	1.1								5.3	7.1
SSE	.2	1.4	2.4	2.6	.4							7.0	10.2
S	.3	1.5	5.8	4.5	.6	.1						12.9	10.3
SSW		.4	1.0	1.7	.2							3.3	11.1
SW		.3	.8	1.5	.1							2.7	11.0
WSW		.8	.3	.4								1.5	7.9
W	.5	.9	1.4	.3								3.1	7.1
WNW	.1	1.2	1.6	.6	.2							3.8	8.5
NW	.2	1.1	1.8	1.1	.1							4.3	8.8
NNW	.8	2.2	2.9	3.3	.8	.1						10.0	9.9
VARBL													
CALM												3.3	
	8.9	26.0	32.6	25.6	3.3	.2						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1.5°C	ELLINGTON AFB TX	68-69,72-79	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

1800-2500 — 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	5.3	3.3	3.3	.3							14.8	7.5
NNE	1.0	1.1	.6	.5								3.2	6.2
NE	.3	1.2	.3	.2								2.0	6.2
ENE	.5	.8	.8	.4								2.5	7.0
E	.6	2.9	2.2	.3	.2							6.2	6.7
ESE	2.3	3.4	1.6	.3								7.6	5.1
SE	2.8	2.5	2.3	.4	.1							8.1	5.5
SSE	2.2	4.2	2.4	.6								9.4	5.8
S	3.1	3.2	2.2	1.1								9.6	5.8
SSW	.4	.8	1.1	.3								2.6	7.0
SW	.6	.5	.3		.1							1.6	5.4
WSW	.5	.6										1.2	3.7
W	.5	1.7	.2		.1							2.6	4.8
WNW	.5	.3	.5	.2	.1							1.7	7.7
NW	.4	1.5	.9	.4								3.2	6.5
NNW	.9	2.0	1.9	1.8	.6	.1						7.4	9.0
VARBL													
CALM												16.2	
	19.4	32.0	20.5	10.1	1.6	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

L[illegible] STATION | ELLINGTON AFB TX STATION NAME | 65-69,72-76 YEARS | DEC MONTH

ALL WEATHER CLASS | 21[illegible]-23[illegible] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	3.7	5.2	2.3	.1							14.3	7.2
NNE	.5	1.3	.4	.4	.1							3.0	6.2
NE	.5	.9	.6	.4								2.6	6.3
ENE	.7	1.4	1.3									2.9	5.7
E	1.2	2.2	1.6	.8								5.2	6.1
ESE	1.7	1.9	.9	.1								4.6	4.9
SE	1.3	1.6	1.9	.2	.1							5.2	6.4
SSE	2.4	2.6	1.9	.9	.1							7.8	6.6
S	3.1	3.9	1.6	1.0								9.6	5.4
SSW	1.7	.3	.5	.2								2.5	5.2
SW	.4	.6	.5									1.8	5.9
WSW	.9	.5	.1									1.5	3.6
W	1.2	1.2	.1									2.5	3.7
WNW	.4	.9	.1	.2								1.6	5.5
NW	.4	.9	.5	.4	.1							2.4	7.4
NNW	.5	1.7	2.4	1.6	.6	.1						7.0	9.6
VARBL													
CALM												23.5	
	19.8	26.3	19.9	9.1	1.2	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	ELLINGTON AFB TX	68-69,72-79	DEC

CLASS: ALL WEATHER

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	2.1	4.2	4.3	3.4	.3							14.3	7.9
NNE	.8	1.6	1.2	.4	.1							4.2	5.6
NE	1.1	1.1	.8	.4								3.4	5.9
ENE	.9	1.3	1.3	.4	.[illegible]							3.9	6.[illegible]
E	1.1	2.3	2.5	.8	.1							7.3	6.7
ESE	1.[illegible]	1.9	1.7	.6	.[illegible]							5.2	6.7
SE	1.[illegible]	1.7	1.6	.7	.[illegible]							5.1	6.7
SSE	1.1	1.9	1.6	1.3	.2	.[illegible]						6.2	7.7
S	1.[illegible]	2.4	2.4	2.1	.4	.1						9.3	6.[illegible]
SSW	.4	.7	.8	.7	.1	.[illegible]						2.7	6.4
SW	.3	.5	.6	.5	.1	.[illegible]						2.1	5.4
WSW	.5	.6	.4	.2								1.9	5.[illegible]
W	.8	1.2	.8	.2	.[illegible]							3.[illegible]	5.7
WNW	.4	.7	.6	.4	.1							2.2	7.[illegible]
NW	.6	1.1	1.3	1.0	.2	.[illegible]						4.1	6.4
NNW	.7	2.[illegible]	2.2	2.3	.6	.1						7.8	9.4
VARBL													
CALM												17.3	
	14.6	25.9	24.2	15.4	2.4	.2						100.[illegible]	6.2

TOTAL NUMBER OF OBSERVATIONS 744[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]6	ELLINGTON AFB TX	68-70,72-80	ALL
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	1.9	2.6	2.8	2.3	.2	.[illegible]						9.9	7.7
NNE	1.1	1.5	1.5	.6	.0	.[illegible]						4.9	6.6
NE	1.1	1.5	1.2	.3	.[illegible]	.[illegible]						4.2	5.9
ENE	.9	1.3	1.0	.3	.0	.0						3.6	6.2
E	1.2	2.1	2.4	.9	.1	.0						6.7	7.0
ESE	1.1	1.8	2.1	.9	.1	.0	.0	.0				6.0	7.2
SE	1.4	1.9	1.9	.9	.1	.[illegible]	.0					6.2	6.9
SSE	1.9	2.2	2.8	1.9	.2	.0						9.0	7.6
S	2.6	2.9	3.5	2.4	.3	.0	.0					11.8	7.5
SSW	.7	.9	.9	.5	.0	.0						3.1	6.9
SW	.7	.9	.6	.2	.0	.0						2.4	6.0
WSW	.7	.8	.4	.1	.0	.0						2.1	5.3
W	.7	.9	.6	.2	.[illegible]	.[illegible]	.0					2.4	5.8
WNW	.4	.5	.4	.2	.0	.0	.0					1.6	6.7
NW	.5	.5	.6	.5	.1	.0	.0					2.2	3.1
NNW	.5	.8	1.0	1.2	.3	.0	.0					3.8	9.4
VARBL													
CALM												20.4	
	17.4	23.2	23.6	13.6	1.6	.2	.0	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 87622

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12306 (STATION) ELLINGTON AFB TX (STATION NAME) 68-70,72-80 (YEARS) ALL (MONTH)

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.1	4.9	3.8	.5	.0						13.9	8.7
NNE	1.0	2.2	2.8	1.3	.1	.0						7.4	7.5
NE	1.1	2.0	2.0	.7	.0							5.9	6.7
ENE	.7	1.8	2.0	.9	.1	.0						5.5	7.6
E	.9	2.4	3.4	1.9	.3	.0						8.9	8.3
ESE	.6	1.1	2.3	1.6	.2	.1	.0	.0				5.8	9.2
SE	.5	1.0	2.0	1.6	.3	.0						5.4	9.3
SSE	.6	1.5	3.6	3.2	.4	.1						9.4	9.8
S	.8	2.0	4.8	3.4	.4	.1	.0					11.5	9.3
SSW	.3	.6	.9	.5	.0	.0						2.4	7.9
SW	.3	.6	.4	.2	.0							1.6	6.6
WSW	.2	.7	.4	.2	.0							1.5	6.4
W	.3	.6	.6	.2	.0							1.8	6.7
WNW	.3	.4	.4	.3	.1							1.4	7.9
NW	.3	.6	.8	.5	.1	.0						2.3	8.5
NNW	.4	.9	1.8	1.8	.5	.0						5.3	10.3
VARBL													
CALM												9.9	
	9.9	21.5	33.1	22.0	3.1	.3	.0	.0				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 11392

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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 > 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.2	34.9	35.8	36.3	37.3	37.4	37.5	37.8	37.8	38.1	38.1	38.1	38.2	38.3	38.3	39.7
≥ 20000	32.8	36.9	37.7	38.4	39.4	39.5	39.6	39.9	39.9	40.1	40.2	40.2	40.3	40.4	40.4	41.8
≥ 18000	32.8	36.9	37.7	38.4	39.4	39.5	39.6	39.9	39.9	40.1	40.2	40.2	40.3	40.4	40.4	41.8
≥ 16000	32.8	36.9	37.7	38.4	39.4	39.5	39.6	39.9	39.9	40.1	40.2	40.2	40.3	40.4	40.4	41.8
≥ 14000	33.0	37.1	38.0	38.6	39.6	39.7	39.8	40.1	40.1	40.3	40.4	40.4	40.5	40.6	40.6	42.0
≥ 12000	33.9	38.0	38.8	39.5	40.4	40.5	40.6	41.0	41.0	41.2	41.3	41.3	41.4	41.5	41.5	42.9
≥ 10000	34.8	39.1	40.0	40.6	41.6	41.7	41.8	42.2	42.2	42.4	42.5	42.5	42.6	42.7	42.7	44.1
≥ 9000	35.1	39.5	40.3	41.0	41.9	42.0	42.2	42.5	42.5	42.7	42.8	42.8	42.9	43.0	43.0	44.4
≥ 8000	36.3	41.6	42.6	43.2	44.2	44.3	44.4	44.7	44.7	44.9	45.1	45.1	45.2	45.3	45.3	46.7
≥ 7000	38.1	43.8	43.9	44.7	45.7	45.8	45.9	46.2	46.2	46.5	46.6	46.6	46.7	46.8	46.8	48.2
≥ 6000	39.7	44.8	5.9	46.8	47.7	47.8	48.0	48.3	48.3	48.5	48.6	48.6	48.7	48.8	48.8	50.2
≥ 5000	41.3	46.5	47.5	48.4	49.4	49.5	49.6	49.9	49.9	50.1	50.2	50.2	50.3	50.4	50.4	51.8
≥ 4500	42.0	47.2	48.3	49.1	50.1	50.2	50.3	50.6	50.6	50.9	51.0	51.0	51.1	51.2	51.2	52.6
≥ 4000	43.4	49.7	50.8	51.6	52.6	52.7	52.8	53.1	53.1	53.3	53.4	53.4	53.5	53.7	53.7	55.2
≥ 3500	44.3	50.9	51.9	52.8	53.8	53.9	54.0	54.3	54.3	54.5	54.6	54.6	54.7	54.8	54.8	56.3
≥ 3000	45.8	52.6	53.7	54.5	55.5	55.6	55.7	56.0	56.0	56.2	56.3	56.3	56.5	56.6	56.7	58.2
≥ 2500	46.9	54.3	55.4	56.3	57.4	57.5	57.6	58.0	58.0	58.2	58.3	58.3	58.4	58.5	58.6	60.4
≥ 2000	49.6	58.3	59.5	60.9	61.9	62.0	62.2	62.5	62.5	62.7	62.8	62.8	62.9	63.0	63.1	64.9
≥ 1800	50.8	60.1	61.3	62.7	63.8	63.9	64.0	64.3	64.3	64.5	64.6	64.6	64.7	64.8	64.9	66.8
≥ 1500	52.9	63.2	64.4	65.8	67.0	67.2	67.3	67.6	67.6	67.8	68.0	68.0	68.1	68.2	68.4	70.2
≥ 1200	54.0	64.9	66.2	67.7	69.1	69.4	69.5	69.8	69.8	70.0	70.1	70.1	70.2	70.3	70.5	72.4
≥ 1000	54.7	66.9	68.3	69.9	71.3	71.5	71.6	71.9	71.9	72.2	72.3	72.3	72.4	72.5	72.7	74.5
≥ 900	55.2	67.8	69.2	70.9	72.3	72.5	72.6	73.1	73.1	73.3	73.4	73.4	73.5	73.7	73.9	75.7
≥ 800	55.8	69.8	71.2	72.9	74.7	74.9	75.1	75.6	75.6	75.8	75.9	75.9	76.0	76.1	76.3	78.2
≥ 700	56.1	71.8	73.3	75.2	77.1	77.3	77.4	78.0	78.0	78.2	78.3	78.4	78.5	78.6	78.8	80.6
≥ 600	56.2	73.5	75.1	76.9	79.0	79.2	79.4	79.9	79.9	80.1	80.2	80.3	80.4	80.6	80.9	82.7
≥ 500	56.6	75.3	77.2	80.0	82.6	82.8	83.2	83.8	83.8	84.0	84.1	84.2	84.3	84.5	84.7	86.6
≥ 400	56.8	76.6	78.7	81.9	85.1	85.4	86.1	86.7	86.7	87.0	87.1	87.2	87.3	87.5	87.7	89.6
≥ 300	56.8	76.8	79.2	83.1	86.3	86.9	87.8	88.5	88.6	89.4	89.5	89.9	90.1	90.3	90.6	92.6
≥ 200	56.8	76.9	79.6	83.5	86.9	87.5	88.8	89.6	89.8	91.0	91.1	91.6	92.2	92.6	93.5	96.0
≥ 100	56.8	77.0	79.7	83.7	87.0	87.6	88.9	89.7	89.9	91.1	91.2	91.7	92.5	93.0	94.6	98.3
≥ 0	56.8	77.0	79.7	83.7	87.0	87.6	88.9	89.8	90.0	91.2	91.3	91.9	92.7	93.2	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.3	30.2	30.8	31.1	31.8	32.0	32.2	32.4	32.4	32.6	32.6	32.6	32.6	32.8	33.1	35.1
≥ 20000	28.0	31.0	31.5	31.9	32.8	33.0	33.1	33.3	33.3	33.5	33.5	33.5	33.5	33.8	34.1	36.1
≥ 18000	28.0	31.0	31.5	31.9	32.8	33.0	33.1	33.3	33.3	33.5	33.5	33.5	33.5	33.8	34.1	36.1
≥ 16000	28.0	31.0	31.5	31.9	32.8	33.0	33.1	33.3	33.3	33.5	33.5	33.5	33.5	33.8	34.1	36.1
≥ 14000	28.0	31.1	31.6	32.0	32.9	33.1	33.2	33.4	33.4	33.7	33.7	33.7	33.7	33.9	34.2	36.2
≥ 12000	28.8	31.9	32.5	32.9	33.8	34.0	34.1	34.3	34.3	34.5	34.5	34.5	34.5	34.7	35.1	37.1
≥ 10000	29.7	32.9	33.4	33.9	34.7	34.9	35.2	35.4	35.4	35.6	35.6	35.6	35.6	35.8	36.1	38.2
≥ 9000	29.9	33.2	33.8	34.2	35.1	35.3	35.5	35.7	35.7	35.9	35.9	35.9	35.9	36.1	36.5	38.5
≥ 8000	30.9	34.5	35.1	35.5	36.3	36.6	36.8	37.0	37.0	37.2	37.2	37.2	37.2	37.4	37.7	39.8
≥ 7000	32.8	36.8	37.3	37.7	38.6	38.8	39.0	39.2	39.2	39.5	39.5	39.5	39.5	39.7	40.0	42.0
≥ 6000	34.7	38.9	39.5	40.1	41.0	41.2	41.4	41.6	41.6	41.8	41.8	41.8	41.8	42.0	42.4	44.4
≥ 5000	37.1	41.5	42.3	42.9	43.8	44.0	44.2	44.4	44.4	44.6	44.6	44.6	44.6	44.8	45.2	47.3
≥ 4500	37.7	42.4	43.1	43.8	44.7	44.9	45.2	45.4	45.5	45.7	45.7	45.7	45.7	45.9	46.2	48.4
≥ 4000	39.7	45.4	46.2	46.9	47.8	48.1	48.3	48.5	48.6	48.8	48.8	48.8	48.8	48.8	49.4	51.5
≥ 3500	40.6	46.5	47.4	48.1	49.0	49.2	49.5	49.7	49.8	50.0	50.0	50.1	50.1	50.3	50.6	52.8
≥ 3000	42.3	48.5	49.6	50.2	51.2	51.4	51.6	51.8	51.9	52.2	52.2	52.3	52.3	52.5	52.8	54.9
≥ 2500	43.3	50.1	51.2	52.0	53.3	53.7	53.9	54.1	54.2	54.4	54.4	54.5	54.5	54.7	55.1	57.2
≥ 2000	45.5	53.7	54.8	55.7	57.0	57.3	57.5	57.8	58.0	58.2	58.2	58.3	58.3	58.5	58.8	61.0
≥ 1800	46.5	54.7	55.9	57.0	58.4	58.7	58.9	59.2	59.4	59.6	59.6	59.7	59.7	59.9	60.2	62.4
≥ 1500	48.3	57.8	59.0	60.4	61.8	62.2	62.4	62.7	62.8	63.0	63.0	63.1	63.1	63.3	63.7	65.8
≥ 1200	49.7	61.6	62.9	64.6	66.0	66.5	66.7	67.0	67.1	67.3	67.3	67.4	67.4	67.6	68.0	70.1
≥ 1000	51.1	64.9	66.2	68.1	69.5	69.9	70.1	70.4	70.5	70.8	70.8	70.9	70.9	71.1	71.4	73.7
≥ 900	51.7	66.3	67.7	69.7	71.1	71.5	71.8	72.2	72.3	72.5	72.5	72.6	72.6	72.8	73.1	75.4
≥ 800	52.3	68.1	70.1	72.2	73.7	74.1	74.4	74.7	74.8	75.1	75.1	75.2	75.2	75.4	75.7	78.0
≥ 700	52.5	69.5	71.5	73.8	75.3	75.7	76.0	76.3	76.5	76.7	76.7	76.8	76.8	77.0	77.4	79.7
≥ 600	52.5	71.2	73.3	75.8	77.4	77.8	78.2	78.5	78.6	78.8	78.8	78.9	78.9	79.1	79.6	81.8
≥ 500	52.8	72.7	75.6	78.7	80.9	81.3	81.6	82.2	82.4	82.6	82.6	82.7	82.7	83.0	83.4	85.8
≥ 400	52.8	73.7	76.8	80.3	82.8	83.2	83.8	84.5	84.7	84.9	85.1	85.2	85.2	85.5	85.9	88.5
≥ 300	52.8	74.4	77.8	81.8	84.6	85.1	85.8	87.0	87.2	87.6	88.0	88.3	88.3	88.6	89.1	91.8
≥ 200	52.8	74.4	77.8	81.9	84.8	85.4	86.5	87.8	88.2	88.7	89.5	89.9	90.1	90.6	91.3	94.6
≥ 100	52.8	74.4	77.8	81.9	84.8	85.4	86.5	88.0	88.4	89.0	89.9	90.4	91.0	91.6	92.7	97.2
≥ 0	52.8	74.4	77.8	81.9	84.8	85.4	86.5	88.0	88.4	89.0	89.9	90.4	91.0	91.7	93.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.2	26.0	26.5	27.1	28.1	28.1	28.4	28.5	28.5	28.8	29.1	29.1	29.5	29.8	29.9	31.2
≥ 20000	23.1	27.2	27.7	28.6	29.6	29.6	29.9	30.1	30.1	30.4	30.8	31.0	31.3	31.6	31.7	33.0
≥ 18000	23.1	27.2	27.7	28.6	29.7	29.7	30.0	30.2	30.2	30.5	30.9	31.1	31.4	31.7	31.8	33.1
≥ 16000	23.1	27.2	27.7	28.6	29.7	29.7	30.0	30.2	30.2	30.5	30.9	31.1	31.4	31.7	31.8	33.1
≥ 14000	23.1	27.2	27.7	28.6	29.7	29.7	30.0	30.2	30.2	30.5	30.9	31.1	31.4	31.7	31.8	33.1
≥ 12000	23.8	27.8	28.4	29.2	30.3	30.3	30.6	30.9	30.9	31.2	31.5	31.7	32.0	32.4	32.5	33.8
≥ 10000	24.7	28.8	29.4	30.2	31.3	31.3	31.6	31.8	31.8	32.2	32.5	32.7	33.0	33.3	33.4	34.7
≥ 9000	24.8	28.9	29.5	30.3	31.4	31.4	31.7	31.9	31.9	32.3	32.6	32.8	33.1	33.4	33.5	34.8
≥ 8000	25.8	30.6	31.3	32.2	33.2	33.2	33.5	33.8	33.8	34.1	34.4	34.6	34.9	35.3	35.4	36.7
≥ 7000	26.9	32.3	33.0	33.9	34.9	34.9	35.3	35.5	35.5	35.8	36.1	36.3	36.7	37.0	37.1	38.4
≥ 6000	28.7	34.4	35.2	36.0	37.1	37.1	37.4	37.6	37.6	38.0	38.3	38.5	38.8	39.1	39.2	40.5
≥ 5000	30.9	37.0	38.1	39.0	40.3	40.4	40.8	41.0	41.0	41.3	41.6	41.8	42.2	42.5	42.6	43.9
≥ 4500	31.5	38.0	39.0	40.1	41.4	41.5	41.8	42.0	42.0	42.4	42.7	42.9	43.2	43.5	43.7	44.9
≥ 4000	33.3	40.2	41.5	42.6	43.9	44.0	44.3	44.5	44.5	44.8	45.2	45.4	45.7	46.0	46.3	47.6
≥ 3500	34.8	42.3	43.8	44.8	46.1	46.2	46.6	46.8	46.8	47.3	47.6	47.8	48.2	48.5	48.8	50.1
≥ 3000	36.8	45.5	47.0	48.4	49.8	49.9	50.3	50.6	50.6	51.2	51.5	51.7	52.0	52.4	52.7	54.0
≥ 2500	37.8	46.8	48.3	49.7	51.6	51.8	52.3	52.7	52.7	53.2	53.5	53.8	54.1	54.4	54.7	56.0
≥ 2000	38.9	48.6	50.2	51.6	53.9	54.2	54.7	55.2	55.2	55.7	56.0	56.2	56.6	56.9	57.2	58.5
≥ 1800	39.9	49.8	51.2	52.7	55.2	55.5	56.0	56.5	56.5	57.0	57.3	57.5	57.8	58.2	58.5	59.8
≥ 1500	41.6	52.6	54.3	56.0	58.5	58.8	59.4	60.0	60.0	60.6	61.0	61.2	61.5	61.8	62.2	63.4
≥ 1200	42.3	55.9	58.1	60.1	62.6	63.0	63.7	64.3	64.3	64.9	65.3	65.6	65.9	66.2	66.6	67.8
≥ 1000	42.9	58.2	60.3	62.6	65.1	65.5	66.1	66.9	66.9	67.5	67.8	68.2	68.5	68.8	69.1	70.4
≥ 900	43.3	60.1	62.4	64.8	67.4	67.8	68.5	69.2	69.2	69.9	70.2	70.5	70.9	71.2	71.5	72.9
≥ 800	44.0	62.4	65.1	67.7	70.8	71.2	72.0	72.9	72.9	73.5	73.9	74.2	74.5	74.9	75.3	76.6
≥ 700	44.2	64.0	67.1	69.9	73.0	73.4	74.5	75.4	75.4	76.0	76.5	76.8	77.1	77.5	77.8	79.1
≥ 600	44.5	64.7	68.1	71.1	74.6	75.1	76.5	77.5	77.5	78.2	78.6	78.9	79.4	79.8	80.1	81.4
≥ 500	44.9	66.2	70.1	73.4	77.4	78.1	79.6	80.8	80.8	81.7	82.2	82.5	82.9	83.3	83.7	84.9
≥ 400	44.9	66.9	70.9	75.2	79.7	80.3	82.3	83.5	83.7	84.6	85.2	85.5	85.9	86.3	86.7	88.2
≥ 300	44.9	67.3	71.7	76.2	81.6	82.5	84.8	86.2	86.5	87.7	88.6	89.0	89.7	90.3	90.6	92.4
≥ 200	44.9	67.3	71.7	76.2	81.8	82.9	85.5	86.9	87.1	88.5	89.7	90.1	91.0	91.7	92.2	94.5
≥ 100	44.9	67.3	71.7	76.2	81.8	82.9	85.5	86.9	87.2	88.8	90.0	90.4	91.7	92.7	93.9	98.9
≥ 0	44.9	67.3	71.7	76.2	81.8	82.9	85.5	86.9	87.2	88.8	90.0	90.4	91.7	92.7	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.2	28.4	29.6	30.1	30.3	30.3	30.5	30.8	30.9	31.0	31.2	31.2	31.2	31.2	31.3	31.6
≥ 20000	26.3	31.7	33.3	33.5	33.9	33.9	34.1	34.4	34.6	34.7	35.1	35.1	35.1	35.1	35.2	35.5
≥ 18000	26.3	31.7	33.0	33.7	34.0	34.0	34.2	34.5	34.7	34.8	35.2	35.2	35.2	35.2	35.3	35.6
≥ 16000	26.3	31.7	33.0	33.7	34.0	34.0	34.2	34.5	34.7	34.8	35.2	35.2	35.2	35.2	35.3	35.6
≥ 14000	26.3	31.8	33.1	33.8	34.1	34.1	34.3	34.6	34.8	34.9	35.3	35.3	35.3	35.3	35.4	35.7
≥ 12000	26.5	31.9	33.2	33.9	34.3	34.3	34.5	34.8	35.1	35.2	35.5	35.5	35.5	35.5	35.6	35.9
≥ 10000	28.2	34.2	35.6	36.2	36.7	36.7	36.9	37.2	37.4	37.5	37.8	37.8	37.8	37.8	38.0	38.3
≥ 9000	28.5	34.8	36.2	36.9	37.3	37.3	37.5	37.8	38.1	38.2	38.5	38.5	38.5	38.5	38.6	38.9
≥ 8000	29.5	36.3	37.7	38.5	38.9	39.1	39.4	39.7	39.9	40.0	40.3	40.3	40.3	40.3	40.4	40.8
≥ 7000	30.1	37.6	39.2	40.0	40.4	40.6	40.9	41.2	41.4	41.5	41.8	41.8	41.8	41.8	41.9	42.3
≥ 6000	30.5	38.5	40.2	41.2	41.6	41.8	42.0	42.4	42.6	42.7	43.0	43.0	43.0	43.0	43.1	43.4
≥ 5000	33.8	42.5	44.2	45.2	45.6	45.8	46.0	46.3	46.6	46.7	47.0	47.0	47.0	47.0	47.1	47.4
≥ 4500	34.8	43.9	45.6	46.6	47.0	47.2	47.4	47.7	48.0	48.1	48.4	48.4	48.4	48.5	48.6	48.9
≥ 4000	36.5	46.5	48.3	49.4	49.9	50.1	50.3	50.6	50.9	51.0	51.3	51.3	51.3	51.4	51.5	51.8
≥ 3500	37.9	48.1	50.0	51.1	51.6	51.8	52.0	52.4	52.6	52.7	53.0	53.0	53.0	53.1	53.2	53.5
≥ 3000	38.9	50.0	52.2	53.5	54.2	54.6	54.9	55.3	55.5	55.6	55.9	55.9	55.9	56.0	56.1	56.5
≥ 2500	39.4	51.6	53.8	55.2	55.8	56.3	56.8	57.2	57.4	57.5	57.8	57.8	57.8	58.0	58.1	58.4
≥ 2000	39.8	52.9	55.6	57.1	57.7	58.3	58.7	59.1	59.4	59.6	59.9	59.9	59.9	60.0	60.1	60.4
≥ 1800	40.1	53.3	56.1	57.6	58.3	58.8	59.2	59.9	60.1	60.3	60.6	60.6	60.6	60.8	60.9	61.2
≥ 1500	41.5	56.1	59.0	60.6	61.4	61.9	62.5	63.1	63.3	63.5	64.0	64.0	64.1	64.2	64.4	64.7
≥ 1200	42.6	60.1	63.1	65.5	66.3	67.1	67.6	68.3	68.5	68.7	69.1	69.1	69.2	69.4	69.6	69.9
≥ 1000	43.5	62.7	66.3	69.2	70.6	71.5	72.0	72.9	73.1	73.5	74.0	74.0	74.1	74.2	74.4	74.7
≥ 900	43.5	63.5	67.3	70.6	72.3	73.1	73.7	74.6	74.8	75.3	75.8	76.0	76.1	76.2	76.5	76.8
≥ 800	43.9	64.6	68.7	72.3	74.1	75.1	75.7	76.8	77.0	77.4	78.0	78.2	78.3	78.4	78.6	78.9
≥ 700	43.9	65.8	70.0	74.1	76.8	77.8	79.2	80.4	80.8	81.2	81.7	81.9	82.0	82.2	82.5	82.8
≥ 600	43.9	66.6	70.8	74.8	78.4	79.7	81.6	82.8	83.1	83.5	84.1	84.3	84.4	84.5	84.8	85.2
≥ 500	43.9	67.1	71.3	75.8	79.8	81.3	83.8	85.6	85.9	86.5	87.2	87.4	87.5	87.6	88.0	88.3
≥ 400	43.9	67.6	71.9	76.7	81.1	82.8	86.0	88.5	88.8	89.7	90.9	91.1	91.2	91.3	91.7	92.0
≥ 300	43.9	67.6	72.0	77.2	81.9	83.8	87.3	90.0	90.4	91.8	93.4	93.8	93.9	94.1	94.5	94.9
≥ 200	43.9	67.6	72.0	77.2	82.0	83.9	87.4	90.2	90.6	92.3	94.1	94.4	95.1	95.6	96.5	97.3
≥ 100	43.9	67.6	72.0	77.2	82.0	83.9	87.4	90.2	90.6	92.3	94.1	94.4	95.3	96.0	97.2	99.4
≥ 0	43.9	67.6	72.0	77.2	82.0	83.9	87.4	90.2	90.6	92.3	94.1	94.4	95.3	96.0	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906	ELLINGTON AFB TX	69-70,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.9	36.0	36.1	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 20000	36.3	41.0	41.2	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 18000	36.3	41.0	41.2	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 16000	36.3	41.0	41.2	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 14000	36.8	41.5	41.7	42.2	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 12000	37.2	42.2	42.4	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 10000	39.5	44.5	44.7	45.2	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 9000	39.7	44.7	44.9	45.4	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 8000	40.0	45.2	45.4	45.8	45.9	45.9	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 7000	41.4	47.0	47.2	47.6	47.7	47.7	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 6000	41.9	47.8	48.1	48.5	48.8	48.8	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 5000	44.8	51.3	51.5	51.9	52.3	52.3	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 4500	46.9	53.7	53.9	54.3	54.6	54.6	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 4000	48.7	56.8	57.1	57.4	57.8	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 3500	49.9	58.5	58.7	59.1	59.6	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 3000	51.6	60.6	60.9	61.3	61.8	61.8	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 2500	51.8	61.3	61.9	62.4	62.9	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 2000	53.2	63.9	64.7	65.4	66.2	66.3	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1800	54.0	64.9	65.8	66.5	67.3	67.4	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 1500	55.8	68.7	69.9	70.8	71.6	71.8	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1200	56.9	71.7	73.2	74.6	75.6	75.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1000	57.3	73.0	75.2	76.9	78.2	78.5	79.6	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1
≥ 900	57.7	74.1	76.7	78.8	80.3	80.8	81.8	82.3	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6
≥ 800	58.2	75.5	78.3	81.0	82.9	83.3	84.4	84.8	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3
≥ 700	58.2	76.1	79.6	82.6	85.4	86.1	87.5	88.0	88.1	88.4	88.7	88.7	88.7	88.8	88.8	88.8
≥ 600	58.2	76.7	80.2	83.3	86.8	87.8	89.8	90.2	90.3	90.8	91.1	91.1	91.1	91.2	91.2	91.2
≥ 500	58.3	77.1	80.6	84.1	88.0	89.1	91.5	92.2	92.3	92.8	93.1	93.1	93.1	93.2	93.2	93.2
≥ 400	58.3	77.2	81.0	84.5	88.5	89.8	92.5	93.4	93.7	94.8	95.4	95.5	95.5	95.7	95.7	95.7
≥ 300	58.3	77.2	81.0	84.5	88.6	90.1	93.3	94.7	94.9	96.5	97.2	97.5	97.6	98.1	98.2	98.2
≥ 200	58.3	77.2	81.0	84.5	88.6	90.1	93.3	94.7	94.9	96.7	97.4	97.8	98.1	98.9	99.5	99.5
≥ 100	58.3	77.2	81.0	84.5	88.6	90.1	93.3	94.7	94.9	96.7	97.4	97.8	98.1	99.0	99.6	100.0
≥ 0	58.3	77.2	81.0	84.5	88.6	90.1	93.3	94.7	94.9	96.7	97.4	97.8	98.1	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12926	ELLINGTON AFB TX	69-70,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.6	40.3	40.6	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 20000	41.4	45.4	45.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000	41.5	45.5	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 16000	41.5	45.5	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 14000	41.7	46.2	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 12000	43.8	48.5	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 10000	45.1	50.0	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 9000	45.4	50.3	50.8	51.0	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 8000	46.0	51.2	51.6	51.8	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 7000	46.8	52.2	52.6	52.8	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 00	47.3	52.9	53.3	53.5	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 5000	49.8	55.6	56.0	56.2	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 4500	50.9	57.2	57.6	57.8	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 4000	52.8	59.9	60.5	60.8	61.2	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 3500	53.4	61.2	62.0	62.4	62.8	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 3000	55.1	63.9	64.9	65.4	65.9	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 2500	55.9	65.3	66.5	67.0	67.5	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 2000	57.7	68.0	69.4	70.0	70.9	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 1800	58.0	68.7	70.2	70.9	71.8	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 1500	58.8	71.1	73.0	73.8	74.7	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 1200	60.2	75.9	78.2	79.2	80.3	80.6	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1000	60.8	77.1	79.6	80.9	82.0	82.4	82.9	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.4
≥ 900	60.9	78.2	80.9	82.4	84.1	84.4	85.1	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 800	60.9	78.6	81.5	83.2	84.9	85.3	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.5
≥ 700	61.1	79.2	82.5	84.4	86.3	86.7	87.3	87.5	87.5	87.7	87.7	87.7	87.8	87.8	87.8	88.0
≥ 600	61.2	79.8	83.1	85.5	87.8	88.8	89.5	89.9	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.3
≥ 500	61.2	80.0	83.4	86.5	89.1	90.1	91.2	91.7	91.8	92.3	92.3	92.3	92.4	92.4	92.4	92.5
≥ 400	61.2	80.1	83.7	87.0	89.9	91.1	93.4	94.4	94.5	95.6	95.8	95.9	96.3	96.3	96.3	96.5
≥ 300	61.2	80.1	83.7	87.0	90.4	91.7	94.3	95.7	95.8	97.1	97.4	97.5	98.3	98.4	98.4	98.5
≥ 200	61.2	80.1	83.7	87.0	90.4	91.7	94.3	95.9	96.0	97.6	98.1	98.3	99.0	99.1	99.2	99.4
≥ 100	61.2	80.1	83.7	87.0	90.4	91.7	94.3	95.9	96.0	97.8	98.3	98.5	99.4	99.5	99.7	100.0
≥ 0	61.2	80.1	83.7	87.0	90.4	91.7	94.3	95.9	96.0	97.8	98.3	98.5	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.7	38.8	39.6	39.9	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 20000	40.0	43.3	44.1	44.5	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	40.0	43.3	44.1	44.5	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 16000	40.0	43.3	44.1	44.5	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 14000	40.9	44.2	44.9	45.4	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 12000	41.4	44.7	45.5	45.9	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 10000	43.5	47.1	47.8	48.3	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 9000	43.8	47.4	48.2	48.7	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 8000	44.5	48.9	49.2	49.8	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 7000	44.9	49.0	49.8	50.3	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 6000	46.3	50.8	51.6	52.2	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 5000	48.4	53.5	54.4	54.9	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 4500	49.4	54.6	55.5	56.0	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 4000	50.3	56.1	57.1	57.5	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5
≥ 3500	52.4	58.7	59.8	60.3	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.6
≥ 3000	53.3	60.8	61.9	62.6	63.4	63.4	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.9	63.9	63.9
≥ 2500	54.6	62.5	63.7	64.3	65.3	65.3	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7
≥ 2000	56.3	65.1	66.5	67.2	68.4	68.4	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.9	68.9	68.9
≥ 1800	57.1	66.0	67.4	68.2	69.4	69.4	69.7	69.7	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.0
≥ 1500	57.7	67.8	69.5	70.2	71.4	71.4	71.7	71.8	71.8	71.9	72.0	72.0	72.0	72.2	72.2	72.2
≥ 1200	58.9	71.2	73.1	74.1	75.3	75.4	75.7	75.8	75.8	76.0	76.1	76.1	76.1	76.2	76.2	76.2
≥ 1000	59.5	73.0	75.1	76.3	77.6	77.7	78.2	78.4	78.4	78.6	78.7	78.7	78.7	78.8	78.8	78.8
≥ 900	59.9	74.5	77.1	78.4	79.8	79.9	80.4	80.6	80.6	80.9	81.0	81.0	81.0	81.1	81.1	81.1
≥ 800	60.4	75.7	78.5	80.0	81.4	81.5	82.2	82.4	82.4	82.6	82.7	82.7	82.7	82.8	82.8	82.8
≥ 700	61.0	77.8	81.0	82.6	84.0	84.1	84.7	84.9	84.9	85.2	85.3	85.3	85.3	85.4	85.4	85.4
≥ 600	61.4	79.5	82.9	84.9	86.7	86.8	87.8	88.1	88.1	88.5	88.6	88.6	88.7	88.9	88.9	88.9
≥ 500	61.6	80.6	84.3	86.9	89.1	89.4	90.9	91.1	91.1	91.5	91.6	91.6	91.9	92.2	92.2	92.2
≥ 400	61.6	80.8	84.7	87.6	90.8	91.2	93.2	93.7	93.7	94.1	94.3	94.3	94.6	94.8	94.8	94.8
≥ 300	61.6	81.0	85.1	88.0	91.2	91.6	94.1	94.7	94.7	95.9	96.1	96.3	96.7	96.9	96.9	97.1
≥ 200	61.6	81.1	85.3	88.2	91.4	91.8	94.5	95.3	95.3	96.7	96.9	97.2	97.6	97.8	97.8	98.2
≥ 100	61.6	81.1	85.3	88.2	91.4	91.8	94.5	95.5	95.5	96.9	97.1	97.4	97.8	98.1	98.3	98.8
≥ 0	61.6	81.1	85.3	88.2	91.4	91.8	94.5	95.5	95.5	96.9	97.1	97.4	98.0	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.0	36.6	37.0	37.6	38.4	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.7	38.8	39.0	39.2
≥ 20000	35.6	39.8	40.2	40.9	41.7	41.8	41.8	41.9	41.9	41.9	42.0	42.0	42.2	42.3	42.5	42.7
≥ 18000	35.6	39.8	40.2	40.9	41.7	41.8	41.8	41.9	41.9	41.9	42.0	42.0	42.2	42.3	42.5	42.7
≥ 16000	35.6	39.8	40.2	40.9	41.7	41.8	41.8	41.9	41.9	41.9	42.0	42.0	42.2	42.3	42.5	42.7
≥ 14000	36.1	40.3	40.8	41.4	42.3	42.4	42.4	42.5	42.5	42.5	42.6	42.6	42.7	42.8	43.0	43.2
≥ 12000	36.7	40.9	41.3	41.9	42.8	42.9	43.0	43.1	43.1	43.1	43.2	43.2	43.3	43.4	43.7	43.9
≥ 10000	38.0	42.3	42.7	43.3	44.2	44.3	44.4	44.5	44.5	44.7	44.8	44.8	44.9	45.1	45.3	45.5
≥ 9000	38.0	42.3	42.7	43.3	44.2	44.3	44.4	44.5	44.5	44.7	44.8	44.8	44.9	45.1	45.3	45.5
≥ 8000	39.4	43.7	44.1	44.7	45.6	45.7	45.8	45.9	45.9	46.1	46.2	46.2	46.3	46.5	46.7	46.9
≥ 7000	40.0	44.4	44.8	45.6	46.5	46.6	46.7	46.8	46.8	47.0	47.1	47.1	47.2	47.3	47.5	47.7
≥ 6000	41.4	45.8	46.2	47.0	47.8	48.1	48.2	48.3	48.3	48.5	48.6	48.6	48.7	48.8	49.0	49.2
≥ 5000	43.4	48.2	48.6	49.4	50.3	50.5	50.6	50.9	50.9	51.1	51.2	51.2	51.3	51.4	51.6	51.8
≥ 4500	43.9	48.6	49.0	49.8	50.8	51.0	51.1	51.3	51.3	51.5	51.6	51.6	51.7	51.8	52.0	52.3
≥ 4000	45.1	50.4	51.0	51.7	52.9	53.1	53.2	53.4	53.4	53.7	53.8	53.8	53.9	54.0	54.2	54.4
≥ 3500	45.9	51.8	52.5	53.2	54.4	54.6	54.7	54.9	54.9	55.2	55.3	55.3	55.4	55.5	55.7	55.9
≥ 3000	47.8	54.4	55.1	55.9	57.1	57.3	57.4	57.6	57.6	58.0	58.1	58.1	58.2	58.3	58.5	58.7
≥ 2500	48.7	56.0	56.7	57.5	58.7	58.9	59.0	59.2	59.2	59.6	59.7	59.7	59.8	59.9	60.1	60.4
≥ 2000	50.6	59.0	59.8	60.6	61.8	62.0	62.2	62.4	62.4	62.7	62.8	62.8	62.9	63.0	63.2	63.5
≥ 1800	51.4	60.2	61.1	61.9	63.1	63.3	63.4	63.7	63.7	64.0	64.1	64.1	64.2	64.3	64.5	64.8
≥ 1500	52.4	62.0	63.0	64.0	65.3	65.5	65.6	65.8	65.8	66.1	66.2	66.2	66.3	66.5	66.7	67.0
≥ 1200	54.4	65.8	67.5	68.6	69.9	70.1	70.2	70.4	70.4	70.8	70.9	70.9	71.0	71.1	71.3	71.6
≥ 1000	55.4	68.4	70.4	71.5	72.9	73.1	73.2	73.4	73.4	73.8	73.9	73.9	74.0	74.1	74.3	74.6
≥ 900	55.8	69.7	71.7	72.9	74.4	74.6	74.7	74.9	74.9	75.3	75.4	75.4	75.5	75.6	75.8	76.1
≥ 800	56.2	70.8	72.9	74.1	75.7	75.9	76.0	76.2	76.2	76.7	76.8	76.8	76.9	77.0	77.2	77.5
≥ 700	57.0	72.9	75.3	76.8	78.7	78.9	79.0	79.2	79.2	79.8	79.9	79.9	80.0	80.1	80.3	80.6
≥ 600	57.8	75.5	78.1	79.8	82.0	82.3	82.4	82.7	82.7	83.2	83.4	83.4	83.5	83.7	83.9	84.2
≥ 500	58.1	76.9	80.1	81.9	84.4	84.7	85.4	85.7	85.7	86.3	86.6	86.6	86.7	86.9	87.1	87.4
≥ 400	58.5	78.4	81.9	83.9	86.9	87.5	88.4	88.8	88.8	90.1	90.4	90.4	90.5	90.8	91.1	91.4
≥ 300	58.5	78.5	82.3	84.4	87.6	88.5	89.8	90.5	90.5	91.9	92.3	92.6	92.7	92.9	93.2	93.5
≥ 200	58.5	78.5	82.3	84.4	87.7	88.8	90.5	91.4	91.4	93.0	93.7	94.0	94.2	94.9	95.4	95.9
≥ 100	58.5	78.5	82.3	84.4	87.7	88.8	90.5	91.4	91.4	93.0	93.7	94.1	94.9	95.7	96.6	97.6
≥ 0	58.5	78.5	82.3	84.4	87.7	88.8	90.5	91.4	91.4	93.0	93.7	94.1	95.1	96.1	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH) ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.4	33.9	34.5	34.9	35.4	35.5	35.6	35.7	35.7	35.8	35.9	35.9	36.0	36.1	36.2	36.8
≥ 20000	32.9	37.0	37.7	38.2	38.8	38.8	38.9	39.1	39.1	39.2	39.3	39.3	39.4	39.5	39.6	40.3
≥ 18000	33.0	37.0	37.7	38.2	38.8	38.8	39.0	39.1	39.1	39.2	39.4	39.4	39.4	39.5	39.6	40.3
≥ 16000	33.0	37.0	37.7	38.2	38.8	38.8	39.0	39.1	39.1	39.2	39.4	39.4	39.4	39.5	39.6	40.3
≥ 14000	33.2	37.4	38.1	38.6	39.2	39.2	39.4	39.5	39.5	39.6	39.7	39.8	39.8	39.9	40.0	40.7
≥ 12000	34.0	38.2	38.9	39.4	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.6	40.7	40.8	40.9	41.5
≥ 10000	35.4	39.9	40.5	41.0	41.7	41.7	41.9	42.0	42.0	42.2	42.3	42.3	42.4	42.5	42.6	43.2
≥ 9000	35.6	40.1	40.8	41.3	42.0	42.0	42.2	42.4	42.4	42.5	42.6	42.6	42.7	42.8	42.9	43.6
≥ 8000	36.6	41.5	42.1	42.7	43.3	43.4	43.6	43.8	43.8	43.9	44.0	44.0	44.1	44.2	44.3	45.0
≥ 7000	37.6	42.8	43.5	44.1	44.7	44.8	45.0	45.1	45.2	45.3	45.4	45.4	45.5	45.6	45.7	46.4
≥ 6000	38.9	44.2	45.0	45.7	46.3	46.4	46.6	46.8	46.8	46.9	47.0	47.1	47.1	47.2	47.3	48.0
≥ 5000	41.2	47.0	47.8	48.5	49.2	49.4	49.5	49.7	49.7	49.9	50.0	50.0	50.1	50.2	50.3	50.9
≥ 4500	42.1	48.2	49.0	49.7	50.5	50.6	50.8	50.9	51.0	51.1	51.2	51.2	51.3	51.4	51.5	52.2
≥ 4000	43.7	50.6	51.5	52.2	53.1	53.2	53.4	53.5	53.6	53.7	53.8	53.9	53.9	54.0	54.2	54.9
≥ 3500	44.9	52.2	53.3	54.0	54.8	54.9	55.1	55.3	55.4	55.5	55.6	55.7	55.8	55.9	56.0	56.7
≥ 3000	46.5	54.5	55.6	56.5	57.4	57.5	57.7	57.9	58.0	58.2	58.3	58.3	58.4	58.5	58.6	59.3
≥ 2500	47.3	56.0	57.2	58.1	59.1	59.3	59.5	59.7	59.8	60.0	60.1	60.1	60.2	60.3	60.4	61.2
≥ 2000	49.0	58.7	60.1	61.1	62.2	62.4	62.8	63.0	63.1	63.2	63.4	63.4	63.5	63.6	63.7	64.5
≥ 1800	49.7	59.7	61.1	62.2	63.4	63.6	64.0	64.2	64.3	64.5	64.6	64.6	64.7	64.8	64.9	65.7
≥ 1500	51.1	62.4	64.0	65.2	66.5	66.7	67.1	67.4	67.4	67.6	67.8	67.8	67.9	68.0	68.2	68.9
≥ 1200	52.4	65.9	67.8	69.3	70.6	71.0	71.4	71.7	71.8	72.0	72.2	72.2	72.3	72.4	72.6	73.3
≥ 1000	53.1	68.0	70.2	71.9	73.4	73.8	74.2	74.6	74.7	75.0	75.1	75.2	75.2	75.4	75.5	76.3
≥ 900	53.5	69.3	71.6	73.6	75.2	75.6	76.1	76.5	76.6	76.9	77.0	77.1	77.2	77.3	77.5	78.3
≥ 800	54.0	70.7	73.3	75.4	77.3	77.7	78.2	78.7	78.7	79.1	79.2	79.3	79.4	79.5	79.7	80.5
≥ 700	54.2	72.2	75.0	77.4	79.6	80.0	80.7	81.2	81.3	81.6	81.8	81.9	82.0	82.2	82.4	83.1
≥ 600	54.5	73.4	76.4	79.0	81.6	82.2	83.1	83.7	83.8	84.2	84.4	84.5	84.6	84.8	84.9	85.7
≥ 500	54.7	74.5	77.8	80.9	83.9	84.6	85.9	86.6	86.7	87.2	87.4	87.5	87.7	87.9	88.1	88.9
≥ 400	54.7	75.1	78.7	82.1	85.6	86.4	88.2	89.2	89.3	90.1	90.5	90.6	90.8	91.0	91.3	92.1
≥ 300	54.7	75.4	79.1	82.8	86.5	87.5	89.7	90.9	91.1	92.2	92.8	93.1	93.4	93.7	94.0	94.9
≥ 200	54.7	75.4	79.2	82.9	86.7	87.8	90.1	91.5	91.7	93.1	93.8	94.2	94.7	95.2	95.7	96.9
≥ 100	54.7	75.4	79.2	82.9	86.7	87.8	90.1	91.5	91.7	93.2	94.0	94.4	95.1	95.7	96.6	98.7
≥ 0	54.7	75.4	79.2	82.9	86.7	87.8	90.1	91.5	91.8	93.2	94.0	94.4	95.1	95.8	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12976	ELLINGTON AFB TX	69-70,73-80	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.9	41.7	42.8	44.0	45.3	45.4	46.1	46.2	46.2	46.7	46.9	47.0	47.6	47.8	48.8	50.6
≥ 20000	39.2	43.0	44.1	45.3	46.7	46.8	47.5	47.6	47.6	48.1	48.3	48.5	49.1	49.2	50.2	52.0
≥ 18000	39.4	43.1	44.2	45.4	46.8	46.9	47.6	47.8	47.8	48.2	48.5	48.6	49.2	49.3	50.4	52.1
≥ 16000	39.4	43.1	44.2	45.4	46.8	46.9	47.6	47.8	47.8	48.2	48.5	48.6	49.2	49.3	50.4	52.1
≥ 14000	39.5	43.3	44.3	45.5	46.9	47.0	47.8	47.9	47.9	48.3	48.6	48.7	49.3	49.4	50.5	52.2
≥ 12000	41.3	45.4	46.5	47.8	49.2	49.3	50.0	50.1	50.1	50.6	50.8	50.9	51.5	51.7	52.7	54.5
≥ 10000	43.1	47.6	48.7	50.0	51.4	51.5	52.2	52.4	52.4	52.8	53.1	53.2	53.8	53.9	55.0	56.7
≥ 9000	44.0	48.5	49.5	50.8	52.2	52.4	53.1	53.2	53.2	53.7	53.9	54.0	54.6	54.7	55.8	57.6
≥ 8000	45.2	49.9	51.1	52.4	53.8	53.9	54.6	54.8	54.8	55.3	55.6	55.7	56.3	56.4	57.4	59.2
≥ 7000	47.2	5 .2	53.4	54.7	56.1	56.3	57.0	57.2	57.2	57.7	57.9	58.0	58.6	58.7	59.8	61.6
≥ 6000	48.9	53.7	54.8	56.1	57.6	57.7	58.4	58.6	58.6	59.1	59.3	59.5	60.0	60.2	61.2	63.0
≥ 5000	50.2	55.7	57.0	58.3	59.7	59.8	60.5	60.8	60.8	61.2	61.5	61.6	62.2	62.3	63.4	65.1
≥ 4500	51.4	57.3	58.7	60.2	61.6	61.7	62.4	62.6	62.6	63.2	63.5	63.6	64.2	64.3	65.4	67.1
≥ 4000	52.1	58.7	60.3	61.8	63.2	63.4	64.1	64.3	64.3	64.9	65.1	65.2	65.8	66.0	67.0	68.8
≥ 3500	53.0	60.8	62.3	64.1	65.5	65.6	66.3	66.5	66.5	67.1	67.4	67.5	68.1	68.2	69.3	71.0
≥ 3000	53.9	61.7	63.2	65.1	66.5	66.7	67.4	67.6	67.6	68.2	68.4	68.6	69.1	69.3	70.3	72.1
≥ 2500	54.1	62.5	64.2	66.1	67.5	67.6	68.3	68.6	68.6	69.1	69.4	69.5	70.1	70.2	71.3	73.0
≥ 2000	55.3	64.9	66.5	68.7	70.1	70.2	70.9	71.2	71.2	71.7	72.0	72.1	72.7	72.8	73.9	75.7
≥ 1800	55.8	65.2	67.1	69.3	70.7	70.8	71.5	71.7	71.7	72.3	72.6	72.7	73.3	73.4	74.5	76.2
≥ 1500	56.7	67.1	69.1	71.5	72.9	73.0	73.8	74.0	74.0	74.6	74.8	74.9	75.5	75.7	76.8	78.6
≥ 1200	57.4	69.7	72.3	75.2	76.6	76.7	77.4	77.7	77.7	78.3	78.5	78.6	79.2	79.3	80.5	82.3
≥ 1000	58.0	71.0	73.6	76.7	78.1	78.3	79.0	79.2	79.2	79.8	80.0	80.1	80.7	80.9	82.0	83.8
≥ 900	58.3	72.2	74.8	78.0	79.6	79.7	80.4	80.6	80.6	81.2	81.4	81.6	82.2	82.3	83.5	85.2
≥ 800	58.7	73.9	76.5	79.7	81.2	81.3	82.0	82.3	82.3	82.9	83.1	83.2	83.8	83.9	85.1	86.9
≥ 700	59.0	75.5	78.5	81.8	83.5	83.6	84.3	84.5	84.5	85.1	85.3	85.5	86.2	86.3	87.5	89.2
≥ 600	59.2	76.4	79.4	82.9	84.8	84.9	85.6	85.8	85.8	86.4	86.6	86.8	87.5	87.6	88.8	90.5
≥ 500	59.5	77.5	80.7	84.4	86.3	86.4	87.1	87.4	87.4	87.9	88.2	88.3	89.0	89.1	90.3	92.1
≥ 400	59.5	77.9	81.7	85.6	87.6	87.7	88.4	88.7	88.7	89.2	89.5	89.6	90.3	90.4	91.6	93.4
≥ 300	59.6	78.3	82.3	86.5	88.7	88.8	89.7	90.0	90.1	90.7	91.1	91.3	92.0	92.1	93.5	95.5
≥ 200	59.8	78.6	82.7	87.4	89.6	89.7	90.9	91.3	91.4	92.0	92.4	92.7	93.4	93.5	94.9	96.9
≥ 100	59.8	78.6	82.9	87.5	89.7	89.8	91.0	91.5	91.6	92.3	92.8	93.0	93.9	94.1	95.6	98.5
≥ 0	59.8	78.6	82.9	87.5	89.8	90.0	91.1	91.6	91.7	92.4	92.9	93.1	94.0	94.3	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 845

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.3	37.8	39.[illegible]	40.2	40.9	41.0	41.8	42.3	42.6	42.8	42.9	43.1	43.5	44.2	44.9	48.1
≥ 20000	35.0	38.7	39.8	41.0	41.7	41.8	42.7	43.1	43.4	43.6	43.7	44.0	44.3	45.0	45.7	48.9
≥ 18000	35.0	38.7	39.8	41.0	41.7	41.8	42.7	43.1	43.4	43.6	43.7	44.0	44.3	45.0	45.7	48.9
≥ 16000	35.0	38.7	39.8	41.0	41.7	41.8	42.7	43.1	43.4	43.6	43.7	44.0	44.3	45.0	45.7	48.9
≥ 14000	35.8	39.5	40.7	41.8	42.6	42.7	43.5	44.0	44.2	44.4	44.6	44.8	45.2	45.9	46.6	49.8
≥ 12000	37.1	40.8	42.0	43.3	44.2	44.3	45.2	45.6	45.9	46.1	46.2	46.5	46.8	47.5	48.2	51.4
≥ 10000	38.5	42.2	43.4	44.7	45.6	45.7	46.6	47.0	47.3	47.5	47.6	47.9	48.2	49.1	49.8	53.1
≥ 9000	39.2	43.1	44.3	45.6	46.6	46.7	47.5	48.0	48.2	48.5	48.6	48.8	49.2	50.0	50.7	54.0
≥ 8000	40.1	44.1	45.4	46.7	47.6	47.8	48.7	49.2	49.4	49.6	49.8	50.0	50.4	51.2	51.9	55.2
≥ 7000	41.0	45.2	46.6	47.9	48.8	48.9	49.9	50.4	50.6	50.8	50.9	51.2	51.5	52.4	53.1	56.4
≥ 6000	42.8	47.0	48.5	50.0	50.9	51.1	52.0	52.5	52.7	53.0	53.1	53.3	53.7	54.5	55.2	58.5
≥ 5000	44.9	49.6	51.1	52.8	53.8	53.9	54.8	55.3	55.6	55.8	55.9	56.1	56.5	57.4	58.5	61.8
≥ 4500	46.1	51.1	52.6	54.4	55.3	55.4	56.4	56.9	57.1	57.4	57.6	57.8	58.2	59.1	60.2	63.5
≥ 4000	46.9	53.1	54.6	56.4	57.3	57.4	58.4	58.9	59.1	59.5	59.6	59.8	60.2	61.1	62.2	65.5
≥ 3500	48.3	55.3	57.[illegible]	58.9	59.8	59.9	60.9	61.3	61.6	61.9	62.1	62.3	62.6	63.6	64.7	68.0
≥ 3000	49.2	57.4	59.1	61.2	62.2	62.3	63.2	63.7	63.9	64.3	64.4	64.7	65.0	66.0	67.0	70.3
≥ 2500	49.4	58.0	59.7	61.9	62.9	63.0	63.9	64.4	64.8	65.1	65.2	65.5	65.8	66.8	67.8	71.2
≥ 2000	50.6	60.0	61.8	64.3	65.2	65.4	66.3	66.8	67.1	67.5	67.6	67.8	68.2	69.1	70.2	73.6
≥ 1800	51.3	61.0	62.8	65.2	66.2	66.3	67.3	67.7	68.1	68.4	68.6	68.8	69.1	70.1	71.2	74.7
≥ 1500	52.6	63.1	65.0	67.6	68.6	68.7	69.6	70.1	70.4	70.8	70.9	71.2	71.5	72.5	73.5	77.1
≥ 1200	54.0	66.4	68.4	71.2	72.1	72.2	73.2	73.6	74.0	74.3	74.5	74.7	75.1	76.0	77.1	80.6
≥ 1000	54.1	67.4	69.6	72.6	73.6	73.8	74.7	75.2	75.5	75.9	76.0	76.2	76.6	77.5	78.6	82.2
≥ 900	54.5	69.1	71.4	74.5	75.5	75.7	76.6	77.1	77.4	77.8	77.9	78.1	78.5	79.4	80.5	84.0
≥ 800	54.8	69.9	72.1	75.4	76.7	76.8	77.8	78.3	78.6	79.0	79.1	79.3	79.7	80.6	81.7	85.2
≥ 700	55.1	71.0	73.3	76.7	78.1	78.4	79.3	79.8	80.1	80.5	80.6	80.9	81.2	82.2	83.2	86.8
≥ 600	55.4	72.5	74.9	78.5	80.3	80.5	81.4	81.9	82.3	82.6	82.7	83.0	83.3	84.3	85.3	88.9
≥ 500	55.9	74.0	76.7	80.5	82.3	82.7	83.7	84.2	84.5	84.9	85.0	85.2	85.6	86.5	87.6	91.1
≥ 400	55.9	74.6	77.7	81.8	83.6	84.0	85.1	85.8	86.2	86.5	86.6	86.9	87.2	88.2	89.2	92.8
≥ 300	56.0	75.4	78.5	82.7	84.5	85.0	86.2	87.0	87.4	87.8	88.1	88.3	88.7	89.7	90.8	94.6
≥ 200	56.1	76.1	79.2	83.5	85.2	85.7	86.9	87.7	88.1	88.8	89.0	89.2	89.7	90.8	92.0	96.6
≥ 100	56.1	76.1	79.2	83.5	85.2	85.7	86.9	87.7	88.2	88.9	89.1	89.4	89.8	91.1	92.4	97.9
≥ 0	56.1	76.1	79.2	83.5	85.2	85.7	86.9	87.7	88.2	88.9	89.1	89.4	89.8	91.1	92.7	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12956 — STATION
ELLINGTON AFB TX — STATION NAME
69-70,73-80 — YEARS
FEB — MONTH
0600-0800 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.3	32.2	33.3	34.8	36.6	36.8	37.6	37.9	37.9	38.2	38.9	39.2	39.7	40.4	41.1	43.7
≥ 20000	28.3	33.6	35.0	36.6	38.7	38.8	39.6	40.0	40.0	40.2	40.9	41.3	41.7	42.4	43.4	46.0
≥ 18000	28.3	33.6	35.0	36.6	38.7	38.8	39.6	40.0	40.0	40.2	40.9	41.3	41.7	42.4	43.4	46.0
≥ 16000	28.3	33.6	35.0	36.6	38.7	38.8	39.6	40.0	40.0	40.2	40.9	41.3	41.7	42.4	43.4	46.0
≥ 14000	29.1	34.4	35.9	37.5	39.5	39.6	40.4	40.8	40.8	41.0	41.7	42.1	42.6	43.3	44.2	46.8
≥ 12000	29.6	34.9	36.4	38.2	40.2	40.3	41.1	41.5	41.5	41.7	42.4	42.8	43.3	44.0	44.9	47.5
≥ 10000	31.2	36.9	38.4	40.3	42.4	42.7	43.5	43.9	43.9	44.1	44.8	45.3	45.9	46.6	47.8	50.5
≥ 9000	31.6	37.4	38.9	40.8	43.0	43.3	44.1	44.4	44.4	44.7	45.4	45.9	46.5	47.2	48.3	51.1
≥ 8000	32.3	38.4	40.0	42.0	44.3	44.6	45.4	45.7	45.7	46.0	46.7	47.2	47.8	48.5	49.6	52.4
≥ 7000	33.9	40.4	42.2	44.3	46.8	47.0	47.9	48.2	48.5	48.7	49.4	49.9	50.5	51.2	52.4	55.1
≥ 6000	35.0	41.8	43.6	45.7	48.3	48.7	49.5	49.9	50.1	50.4	51.1	51.7	52.2	53.0	54.1	56.9
≥ 5000	36.3	44.1	46.3	48.7	51.3	51.7	52.5	52.8	53.1	53.4	54.1	54.7	55.3	56.0	57.2	59.9
≥ 4500	37.1	45.3	47.6	50.0	52.6	53.0	53.9	54.3	54.5	54.8	55.6	56.1	56.7	57.4	58.6	61.3
≥ 4000	38.5	47.4	50.2	52.6	55.6	55.9	57.0	57.4	57.7	58.0	58.7	59.3	59.9	60.6	61.8	64.5
≥ 3500	39.2	49.2	52.6	55.1	58.0	58.4	59.5	60.2	60.4	60.8	61.5	62.1	62.6	63.4	64.5	67.3
≥ 3000	39.7	50.5	54.1	56.9	60.0	60.6	61.7	62.4	62.6	63.1	63.9	64.5	65.1	65.8	67.0	69.9
≥ 2500	40.1	51.7	55.3	58.3	61.7	62.3	63.4	64.1	64.5	65.0	65.8	66.4	67.0	67.7	68.9	71.9
≥ 2000	41.4	54.1	57.9	61.0	64.4	65.1	66.3	67.0	67.5	68.0	68.8	69.4	70.0	70.7	71.9	74.9
≥ 1800	42.1	54.8	58.6	61.9	65.5	66.2	67.4	68.1	68.6	69.0	69.9	70.4	71.0	71.7	72.9	76.0
≥ 1500	43.3	56.9	60.9	64.4	68.0	68.8	70.1	70.9	71.4	71.9	72.8	73.4	74.0	74.7	75.9	79.0
≥ 1200	43.9	58.3	62.3	66.0	69.6	70.4	71.7	72.6	73.2	73.6	74.6	75.2	75.8	76.5	77.7	80.7
≥ 1000	44.1	59.5	63.6	67.4	71.3	72.1	73.4	74.3	74.9	75.4	76.4	77.0	77.5	78.3	79.4	82.5
≥ 900	44.4	60.0	64.3	68.2	72.1	73.0	74.3	75.3	75.9	76.5	77.4	78.0	78.6	79.3	80.5	83.6
≥ 800	44.4	60.8	65.5	69.4	73.3	74.3	75.7	76.6	77.2	77.8	78.7	79.3	79.9	80.6	81.8	84.9
≥ 700	44.7	61.3	66.1	70.2	74.2	75.3	76.6	77.8	78.4	79.1	80.0	80.7	81.4	82.2	83.3	86.4
≥ 600	44.9	61.9	66.9	71.4	75.4	76.5	77.9	79.1	79.7	80.4	81.3	82.0	82.9	83.7	84.9	87.9
≥ 500	45.1	62.4	67.7	72.3	76.7	78.0	79.9	81.1	81.8	82.6	83.6	84.3	85.1	85.9	87.1	90.3
≥ 400	45.0	62.9	68.4	73.2	77.7	79.1	81.4	82.6	83.3	84.6	85.6	86.3	87.1	87.9	89.1	92.3
≥ 300	45.0	63.0	68.6	73.3	77.9	79.4	81.9	83.5	84.3	85.7	86.9	87.6	88.5	89.5	90.8	94.6
≥ 200	45.0	63.0	68.6	73.3	77.9	79.6	82.0	83.7	84.5	86.1	87.5	88.2	89.5	91.0	92.9	97.2
≥ 100	45.0	63.0	68.7	73.4	78.1	79.8	82.3	83.9	84.8	86.4	87.9	88.8	90.1	91.6	93.6	98.5
≥ 0	45.0	63.0	68.7	73.4	78.1	79.8	82.3	83.9	84.8	86.4	87.9	88.8	90.3	91.8	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.3	37.6	38.9	40.0	40.8	40.9	41.0	41.1	41.1	41.5	41.5	41.5	41.5	41.6	41.6	41.7
≥ 20000	31.9	40.8	42.6	43.6	44.4	44.6	44.7	44.8	44.8	45.2	45.2	45.2	45.2	45.3	45.3	45.4
≥ 18000	32.2	41.1	42.9	44.0	44.8	44.9	45.0	45.2	45.2	45.5	45.5	45.5	45.5	45.6	45.6	45.7
≥ 16000	32.2	41.1	42.9	44.0	44.8	44.9	45.0	45.2	45.2	45.5	45.5	45.5	45.5	45.6	45.6	45.7
≥ 14000	32.5	41.6	43.4	44.4	45.3	45.4	45.6	45.7	45.7	46.1	46.1	46.1	46.1	46.2	46.2	46.3
≥ 12000	33.1	42.3	44.1	45.2	46.0	46.1	46.3	46.5	46.5	46.8	46.8	46.8	46.8	46.9	46.9	47.0
≥ 10000	35.1	45.2	46.9	48.0	48.8	48.9	49.2	49.3	49.3	49.6	49.6	49.6	49.6	49.8	49.8	49.9
≥ 9000	35.5	45.7	47.6	48.7	49.5	49.6	49.9	50.0	50.0	50.4	50.4	50.4	50.4	50.5	50.5	50.6
≥ 8000	37.2	48.0	49.9	50.9	51.8	51.9	52.1	52.2	52.2	52.6	52.6	52.6	52.6	52.7	52.7	52.8
≥ 7000	38.4	49.9	52.0	53.3	54.3	54.4	54.6	54.7	54.7	55.1	55.1	55.1	55.1	55.2	55.3	55.4
≥ 6000	39.4	51.4	53.5	55.0	56.0	56.1	56.4	56.5	56.5	56.9	56.9	56.9	56.9	57.0	57.1	57.2
≥ 5000	41.0	54.0	56.3	57.8	59.0	59.1	59.3	59.5	59.5	59.8	59.8	59.8	59.8	59.9	60.0	60.2
≥ 4500	41.8	55.6	57.8	59.3	60.6	60.8	6 .0	61.1	61.1	61.5	61.5	61.5	61.5	61.6	61.7	61.8
≥ 4000	44.2	59.1	61.8	63.5	65.0	65.2	65.5	65.7	65.7	66.1	66.1	66.1	66.1	66.2	66.3	66.4
≥ 3500	44.7	60.5	63.2	65.0	66.7	67.3	67.6	67.8	67.8	68.2	68.2	68.2	68.2	68.3	68.4	68.6
≥ 3000	45.4	61.9	65.0	66.9	68.9	69.5	70.0	70.2	70.2	70.6	70.6	70.6	70.6	70.7	70.8	70.9
≥ 2500	46.5	64.3	67.4	69.3	71.3	72.2	72.7	72.9	72.9	73.3	73.3	73.3	73.3	73.4	73.5	73.6
≥ 2000	47.3	66.2	69.4	71.6	73.8	74.7	75.2	75.4	75.4	75.8	75.8	75.8	75.8	75.9	76.0	76.1
≥ 1800	48.1	67.5	70.7	73.0	75.2	76.1	76.6	76.8	76.8	77.2	77.2	77.2	77.2	77.3	77.4	77.5
≥ 1500	48.9	69.1	72.8	75.2	77.3	78.3	78.7	79.0	79.0	79.3	79.3	79.3	79.3	79.4	79.6	79.7
≥ 1200	49.8	71.5	75.4	77.9	80.7	81.8	82.4	82.6	82.6	83.0	83.0	83.0	83.0	83.1	83.2	83.3
≥ 1000	50.0	72.9	77.2	80.0	83.0	84.0	84.8	85.0	85.0	85.3	85.3	85.3	85.3	85.5	85.6	85.7
≥ 900	50.0	73.4	77.8	80.6	83.7	84.9	85.7	85.9	85.9	86.3	86.3	86.3	86.3	86.4	86.5	86.6
≥ 800	50.0	73.9	78.3	81.1	84.4	85.7	86.5	86.8	86.8	87.1	87.1	87.1	87.1	87.2	87.4	87.5
≥ 700	50.2	74.7	79.3	82.2	85.6	86.9	87.8	88.2	88.2	88.5	88.5	88.5	88.8	88.9	89.0	89.1
≥ 600	50.4	75.5	80.3	83.2	87.0	88.4	89.6	90.2	90.4	90.9	90.9	90.9	91.1	91.4	91.5	91.6
≥ 500	50.5	75.8	80.5	83.6	87.7	89.5	90.9	91.7	92.1	92.7	92.7	92.7	92.9	93.1	93.3	93.4
≥ 400	50.5	76.0	80.7	83.9	88.2	90.1	91.8	92.7	93.1	94.1	94.1	94.1	94.4	94.9	95.0	95.2
≥ 300	50.7	76.2	81.2	84.5	88.9	90.9	92.9	94.4	95.0	96.5	96.7	96.7	97.3	97.8	97.9	98.0
≥ 200	50.7	76.2	81.2	84.5	89.0	91.0	93.1	94.7	95.4	96.9	97.2	97.2	98.3	99.1	99.3	99.6
≥ 100	50.7	76.2	81.2	84.5	89.0	91.0	93.1	94.7	95.4	97.0	97.3	97.3	98.5	99.3	99.5	100.0
≥ 0	50.7	76.2	81.2	84.5	89.0	91.0	93.1	94.7	95.4	97.0	97.3	97.3	98.5	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.5	45.2	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	42.2	48.9	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
≥ 18000	42.3	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 16000	42.3	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 14000	42.6	49.3	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 12000	44.6	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 10000	46.9	54.4	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	47.6	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 8000	49.5	57.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 7000	50.2	59.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 6000	51.3	60.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 5000	52.6	62.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 4500	53.4	63.7	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4000	55.0	66.1	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 3500	56.1	67.7	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 3000	58.0	70.0	71.5	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 2500	61.0	74.1	75.7	76.1	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2000	63.8	78.5	80.0	80.5	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1800	64.8	79.4	81.1	81.6	81.8	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500	65.4	80.7	82.7	84.0	84.4	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	66.2	83.0	85.1	87.0	87.9	88.2	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	66.3	83.8	86.2	88.5	89.5	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	66.4	84.3	86.8	89.5	90.5	90.9	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 800	66.4	84.9	87.6	90.7	91.8	92.4	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	66.4	85.6	89.0	92.4	93.7	94.4	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	66.5	86.1	89.4	92.9	94.3	95.2	96.1	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	66.5	86.1	89.7	93.6	96.0	96.9	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	66.5	86.2	89.8	93.9	96.3	97.6	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	66.5	86.2	89.8	93.9	96.3	97.6	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	66.5	86.2	89.8	93.9	96.3	97.6	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	66.5	86.2	89.8	93.9	96.3	97.6	99.3	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	66.5	86.2	89.8	93.9	96.3	97.6	99.3	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.2	48.0	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000	49.6	52.8	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000	49.8	53.0	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 16000	49.9	53.1	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 14000	50.4	53.9	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	51.7	55.4	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	54.1	58.0	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 9000	55.0	59.1	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 8000	56.3	60.8	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 7000	56.9	61.5	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 6000	58.1	63.0	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 5000	59.8	65.7	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4500	60.4	66.7	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4000	62.5	69.4	70.3	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3500	64.7	72.0	73.2	73.5	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3000	65.5	73.4	74.7	75.1	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2500	67.0	75.9	77.3	77.7	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	68.8	79.4	80.9	81.3	82.2	82.5	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1800	69.3	80.7	82.2	82.6	83.5	83.8	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	70.2	83.3	85.2	86.5	87.6	87.9	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	70.6	84.4	86.5	87.9	89.1	89.5	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	70.8	85.0	87.4	89.1	90.7	91.0	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	70.9	85.6	88.1	90.1	91.6	92.0	92.4	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 800	71.0	85.8	88.3	90.4	92.1	92.6	93.1	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 700	71.2	86.4	89.1	91.4	93.1	93.6	94.6	94.9	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4
≥ 600	71.2	86.6	89.6	92.0	94.3	94.9	95.9	96.2	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7
≥ 500	71.2	87.1	90.1	92.8	95.6	96.5	97.9	98.3	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 400	71.2	87.1	90.1	92.9	95.7	96.6	98.1	98.6	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	71.2	87.1	90.1	92.9	95.7	96.6	98.1	98.9	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0
≥ 200	71.2	87.1	90.1	92.9	95.7	96.6	98.1	98.9	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	71.2	87.1	90.1	92.9	95.7	96.6	98.1	98.9	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	71.2	87.1	90.1	92.9	95.7	96.6	98.1	98.9	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 646

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.1	50.5	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4
≥ 20000	49.6	54.5	55.2	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7
≥ 18000	49.9	54.7	55.4	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9
≥ 16000	49.9	54.7	55.4	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9
≥ 14000	50.7	55.9	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1
≥ 12000	52.2	57.6	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.9	58.9	58.9
≥ 10000	54.3	59.6	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9
≥ 9000	55.4	60.9	61.7	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2
≥ 8000	56.0	61.9	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2
≥ 7000	57.7	63.9	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2
≥ 6000	58.5	65.4	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7
≥ 5000	60.6	68.3	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6
≥ 4500	60.8	68.6	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.9	69.9	69.9
≥ 4000	62.3	70.8	71.9	72.1	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6
≥ 3500	64.3	73.0	74.2	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9
≥ 3000	66.0	75.2	76.4	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2
≥ 2500	67.7	77.2	78.4	78.7	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3
≥ 2000	68.6	79.3	80.6	81.1	81.4	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0
≥ 1800	68.9	80.1	81.4	81.9	82.3	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
≥ 1500	69.7	82.2	83.6	84.3	84.8	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6
≥ 1200	70.8	84.4	86.2	87.1	87.7	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7
≥ 1000	71.3	85.8	87.6	88.8	89.5	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4
≥ 900	71.4	86.4	88.2	89.4	90.1	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
≥ 800	71.6	87.2	89.0	90.4	91.1	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1
≥ 700	72.1	88.5	90.4	92.0	92.7	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9
≥ 600	72.0	88.8	90.8	92.4	93.4	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6
≥ 500	72.0	89.2	91.3	93.7	95.0	95.5	96.1	96.6	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 400	72.0	89.5	91.6	94.2	95.5	96.0	96.6	97.0	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6
≥ 300	72.0	89.5	91.6	94.2	95.6	96.1	96.8	97.5	97.9	98.1	98.1	98.1	98.1	98.2	98.7	98.7
≥ 200	72.0	89.5	91.7	94.4	96.0	96.5	97.2	97.9	98.3	98.8	98.8	98.8	98.9	99.2	99.6	99.6
≥ 100	72.1	89.5	91.7	94.4	96.0	96.5	97.2	97.9	98.3	98.8	98.8	98.8	99.1	99.3	100.0	100.0
≥ 0	72.0	89.5	91.7	94.4	96.0	96.5	97.2	97.9	98.3	98.8	98.8	98.8	99.1	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.1	48.0	49.8	50.9	51.5	51.8	51.9	51.9	51.9	52.1	52.4	52.4	52.5	52.5	52.6	52.7
≥ 20000	45.0	50.1	51.9	53.1	53.7	53.9	54.0	54.0	54.0	54.3	54.5	54.5	54.6	54.6	54.7	54.8
≥ 18000	45.0	50.1	51.9	53.1	53.7	53.9	54.0	54.0	54.0	54.3	54.5	54.5	54.6	54.6	54.7	54.8
≥ 16000	45.0	50.1	51.9	53.1	53.7	53.9	54.0	54.0	54.0	54.3	54.5	54.5	54.6	54.6	54.7	54.8
≥ 14000	45.0	50.1	51.9	53.1	53.7	53.9	54.0	54.0	54.0	54.3	54.5	54.5	54.6	54.6	54.7	54.8
≥ 12000	46.6	51.9	53.7	54.8	55.4	55.7	55.8	55.8	55.8	56.0	56.3	56.3	56.4	56.4	56.5	56.6
≥ 10000	50.0	55.4	57.2	58.4	59.0	59.2	59.3	59.3	59.3	59.6	59.8	59.8	59.9	59.9	60.0	60.2
≥ 9000	50.5	55.9	57.7	58.9	59.5	59.7	59.8	59.8	59.8	60.0	60.3	60.3	60.4	60.4	60.5	60.6
≥ 8000	51.5	57.0	58.7	59.9	60.5	60.8	60.9	60.9	60.9	61.1	61.3	61.3	61.5	61.5	61.6	61.7
≥ 7000	53.9	59.3	61.1	62.3	62.9	63.1	63.2	63.2	63.2	63.5	63.7	63.7	63.8	63.8	63.9	64.1
≥ 6000	55.1	61.0	62.8	63.9	64.5	64.8	64.9	64.9	64.9	65.1	65.4	65.4	65.5	65.5	65.6	65.7
≥ 5000	56.5	62.4	64.2	65.4	66.0	66.2	66.3	66.3	66.3	66.5	66.8	66.8	66.9	66.9	67.0	67.1
≥ 4500	56.9	63.5	65.4	66.5	67.3	67.5	67.6	67.6	67.6	67.8	68.1	68.1	68.2	68.2	68.3	68.4
≥ 4000	57.1	64.8	66.7	67.8	68.6	68.8	68.9	68.9	68.9	69.1	69.4	69.4	69.5	69.5	69.6	69.7
≥ 3500	57.9	66.1	68.1	69.4	70.1	70.3	70.4	70.4	70.4	70.7	70.9	70.9	71.0	71.0	71.2	71.3
≥ 3000	59.3	67.7	69.9	71.3	72.0	72.2	72.3	72.3	72.3	72.6	72.8	72.8	72.9	72.9	73.0	73.2
≥ 2500	61.6	70.4	72.6	74.0	74.7	74.9	75.1	75.1	75.1	75.3	75.5	75.5	75.7	75.7	75.8	75.9
≥ 2000	63.6	73.0	75.2	76.7	77.4	77.7	77.8	77.8	77.8	78.0	78.3	78.3	78.4	78.4	78.5	78.6
≥ 1800	63.7	73.2	75.4	77.0	77.7	77.9	78.0	78.0	78.0	78.3	78.5	78.5	78.6	78.6	78.7	78.8
≥ 1500	64.5	74.6	77.1	78.7	79.4	79.7	79.8	79.8	79.8	80.0	80.3	80.3	80.4	80.4	80.5	80.6
≥ 1200	66.1	77.2	79.8	81.8	82.5	82.7	82.9	82.9	82.9	83.1	83.3	83.3	83.5	83.5	83.6	83.7
≥ 1000	66.8	78.6	81.2	83.3	84.0	84.4	84.5	84.5	84.5	84.8	85.0	85.0	85.1	85.1	85.5	85.6
≥ 900	66.8	79.3	81.9	84.2	85.0	85.3	85.5	85.5	85.5	85.7	85.9	85.9	86.1	86.1	86.4	86.5
≥ 800	67.4	80.7	83.3	85.6	86.4	86.8	86.9	86.9	86.9	87.1	87.4	87.4	87.5	87.5	87.8	87.9
≥ 700	67.6	82.4	85.2	87.6	88.4	88.8	88.9	89.0	89.0	89.2	89.5	89.5	89.6	89.6	90.0	90.1
≥ 600	68.0	84.2	87.7	90.1	91.1	91.5	91.6	91.7	91.7	92.0	92.2	92.2	92.3	92.3	92.7	92.8
≥ 500	68.1	85.0	88.7	91.6	92.6	93.1	93.3	93.4	93.4	93.6	93.9	93.9	94.0	94.0	94.3	94.4
≥ 400	68.1	85.6	89.5	92.7	93.9	94.2	94.4	94.7	94.7	94.9	95.2	95.2	95.3	95.3	95.6	95.7
≥ 300	68.1	85.7	89.7	93.4	94.8	95.2	95.6	96.0	96.0	96.5	96.7	96.7	96.9	97.0	97.4	97.6
≥ 200	68.1	85.7	89.7	93.4	94.8	95.2	95.6	96.3	96.3	96.8	97.3	97.3	97.6	97.8	98.2	98.7
≥ 100	68.1	85.9	90.0	93.6	95.0	95.4	95.9	96.6	96.6	97.0	97.6	97.6	98.1	98.3	98.9	99.6
≥ 0	68.1	85.9	90.0	93.6	95.0	95.4	95.9	96.6	96.6	97.0	97.6	97.6	98.1	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

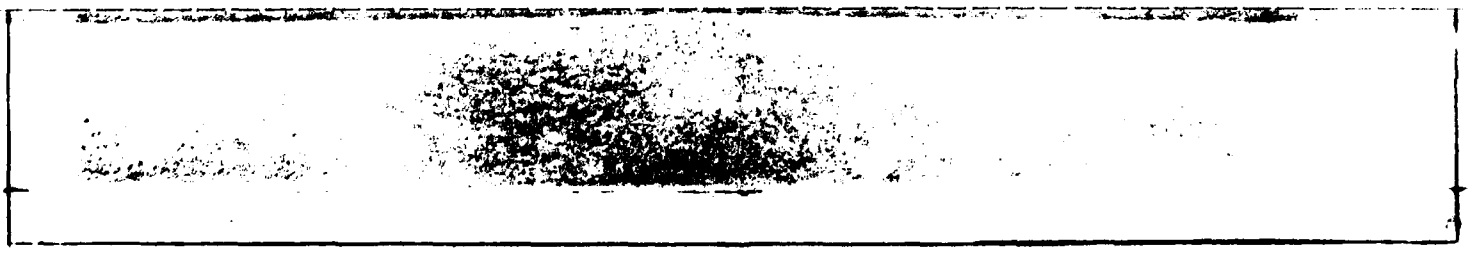
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.9	42.6	43.7	44.5	45.2	45.3	45.6	45.7	45.7	45.9	46.1	46.2	46.4	46.6	46.9	47.9
≥ 20000	40.1	45.3	46.5	47.3	48.0	48.1	48.5	48.6	48.6	48.8	49.0	49.1	49.3	49.5	49.8	50.8
≥ 18000	40.2	45.4	46.6	47.4	48.2	48.3	48.6	48.7	48.7	48.9	49.1	49.2	49.4	49.6	50.0	50.9
≥ 16000	40.2	45.4	46.6	47.5	48.2	48.3	48.6	48.7	48.8	49.0	49.1	49.2	49.4	49.6	50.0	50.9
≥ 14000	40.7	46.0	47.2	48.0	48.7	48.8	49.2	49.3	49.3	49.5	49.7	49.8	50.0	50.2	50.5	51.5
≥ 12000	42.1	47.5	48.7	49.6	50.3	50.4	50.8	50.9	50.9	51.1	51.3	51.4	51.6	51.8	52.1	53.1
≥ 10000	44.2	49.9	51.2	52.0	52.8	52.9	53.3	53.4	53.4	53.6	53.8	53.9	54.1	54.3	54.7	55.7
≥ 9000	44.8	50.7	52.0	52.9	53.7	53.8	54.1	54.2	54.3	54.5	54.6	54.7	54.9	55.2	55.6	56.6
≥ 8000	46.0	52.2	53.5	54.4	55.2	55.3	55.7	55.8	55.9	56.1	56.2	56.3	56.5	56.8	57.2	58.2
≥ 7000	47.4	53.9	55.3	56.2	57.1	57.2	57.5	57.7	57.7	57.9	58.1	58.2	58.4	58.6	59.0	60.0
≥ 6000	48.6	55.4	56.8	57.8	58.7	58.8	59.2	59.3	59.4	59.6	59.7	59.8	60.0	60.3	60.7	61.7
≥ 5000	50.3	57.8	59.3	60.4	61.2	61.3	61.7	61.8	61.9	62.1	62.3	62.4	62.6	62.9	63.3	64.3
≥ 4500	51.0	59.0	60.5	61.6	62.5	62.6	63.0	63.1	63.2	63.4	63.6	63.7	63.9	64.2	64.6	65.6
≥ 4000	52.3	61.2	62.9	64.1	65.1	65.2	65.6	65.8	65.9	66.1	66.3	66.4	66.6	66.8	67.3	68.3
≥ 3500	53.5	63.1	65.0	66.3	67.3	67.5	67.9	68.1	68.2	68.4	68.6	68.7	68.9	69.1	69.6	70.6
≥ 3000	54.6	64.7	66.7	68.1	69.3	69.5	69.9	70.2	70.2	70.5	70.6	70.8	71.0	71.2	71.7	72.7
≥ 2500	55.9	66.8	68.8	70.3	71.4	71.7	72.2	72.4	72.5	72.8	72.9	73.1	73.3	73.5	74.0	75.0
≥ 2000	57.4	69.4	71.5	73.2	74.4	74.8	75.3	75.5	75.6	75.9	76.0	76.2	76.4	76.6	77.1	78.1
≥ 1800	58.0	70.3	72.4	74.1	75.3	75.7	76.2	76.5	76.6	76.9	77.0	77.2	77.4	77.6	78.1	79.1
≥ 1500	58.9	72.1	74.6	76.5	77.9	78.3	78.8	79.1	79.2	79.4	79.6	79.7	79.9	80.2	80.7	81.7
≥ 1200	59.8	74.4	77.0	79.3	80.8	81.2	81.8	82.1	82.2	82.5	82.7	82.8	83.0	83.2	83.7	84.8
≥ 1000	60.2	75.5	78.3	80.8	82.5	82.9	83.5	83.8	84.0	84.2	84.4	84.5	84.7	86.0	85.5	86.6
≥ 900	60.3	76.3	79.2	81.8	83.5	84.0	84.7	85.0	85.1	85.4	85.6	85.7	85.9	86.2	86.6	87.7
≥ 800	60.6	77.1	80.1	82.8	84.6	85.2	85.9	86.2	86.3	86.6	86.8	86.9	87.1	87.4	87.9	88.9
≥ 700	60.8	78.2	81.4	84.3	86.2	86.8	87.5	87.9	88.1	88.3	88.6	88.7	89.0	89.2	89.7	90.8
≥ 600	60.9	79.0	82.4	85.4	87.6	88.2	89.0	89.5	89.6	89.9	90.2	90.3	90.6	90.9	91.4	92.4
≥ 500	61.1	79.6	83.2	86.6	89.1	89.8	90.9	91.3	91.5	91.9	92.1	92.3	92.6	92.8	93.3	94.4
≥ 400	61.1	80.0	83.7	87.3	89.8	90.7	91.9	92.4	92.7	93.2	93.4	93.5	93.8	94.1	94.6	95.7
≥ 300	61.1	80.2	84.0	87.7	90.3	91.2	92.6	93.4	93.7	94.3	94.6	94.8	95.2	95.5	96.1	97.3
≥ 200	61.2	80.3	84.1	87.9	90.6	91.5	92.9	93.8	94.1	94.8	95.2	95.4	95.9	96.4	97.1	98.6
≥ 100	61.2	80.3	84.2	88.0	90.6	91.5	93.0	93.8	94.2	94.9	95.4	95.6	96.2	96.7	97.5	99.1
≥ 0	61.2	80.3	84.2	88.0	90.7	91.6	93.0	93.9	94.2	94.9	95.4	95.6	96.2	96.8	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.4	38.7	39.4	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.4	40.4	40.5	40.5	40.6	41.3
≥ 20000	38.2	42.7	43.3	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.4	44.4	44.5	44.5	44.6	45.2
≥ 18000	38.3	42.9	43.5	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.6	44.6	44.7	44.7	44.8	45.4
≥ 16000	38.3	42.9	43.5	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.6	44.6	44.7	44.7	44.8	45.4
≥ 14000	38.8	43.5	44.2	44.6	44.9	44.9	44.9	44.9	44.9	44.9	45.3	45.3	45.4	45.4	45.5	46.0
≥ 12000	39.6	44.6	45.3	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.3	46.3	46.5	46.5	46.6	47.1
≥ 10000	41.0	46.9	47.2	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.3	48.3	48.4	48.4	48.5	49.0
≥ 9000	42.3	47.7	48.5	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.6	49.6	49.7	49.7	49.8	50.3
≥ 8000	43.3	48.8	49.6	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.6	50.6	50.8	50.8	50.9	51.4
≥ 7000	43.8	49.6	50.3	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.4	51.4	51.5	51.5	51.6	52.2
≥ 6000	44.4	50.2	51.0	51.4	51.7	51.7	51.7	51.7	51.7	51.7	52.0	52.0	52.2	52.2	52.3	52.8
≥ 5000	45.6	51.7	52.5	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.5	53.5	53.7	53.7	53.8	54.3
≥ 4500	46.7	52.9	53.7	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.7	54.7	54.8	54.8	54.9	55.5
≥ 4000	48.3	54.6	55.4	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.5	56.5	56.6	56.6	56.7	57.2
≥ 3500	49.0	55.4	56.1	56.6	56.9	56.9	56.9	56.9	56.9	56.9	57.2	57.2	57.3	57.3	57.4	58.0
≥ 3000	49.6	56.5	57.3	57.7	58.1	58.1	58.2	58.2	58.2	58.2	58.5	58.5	58.6	58.6	58.7	59.2
≥ 2500	51.1	58.5	59.5	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.6	60.6	60.8	60.8	60.9	61.4
≥ 2000	52.6	60.3	61.7	62.3	62.6	62.6	62.8	62.8	62.8	62.8	63.1	63.1	63.2	63.2	63.3	63.9
≥ 1800	52.8	60.9	62.4	62.9	63.2	63.2	63.4	63.4	63.4	63.4	63.8	63.8	63.9	63.9	64.0	64.5
≥ 1500	54.1	63.0	64.5	65.1	65.4	65.4	65.6	65.6	65.6	65.6	65.9	65.9	66.0	66.0	66.1	66.7
≥ 1200	55.6	65.8	67.3	67.8	68.5	68.5	68.7	68.7	68.7	68.7	69.0	69.0	69.2	69.2	69.5	70.0
≥ 1000	57.0	68.8	70.4	71.1	71.8	71.8	72.0	72.0	72.0	72.0	72.4	72.4	72.6	72.6	72.8	73.3
≥ 900	58.1	71.6	73.3	74.0	74.7	74.7	74.9	74.9	74.9	74.9	75.3	75.3	75.5	75.5	75.7	76.2
≥ 800	58.3	73.9	75.6	76.2	77.0	77.0	77.2	77.2	77.2	77.2	77.5	77.5	77.7	77.7	78.0	78.5
≥ 700	58.7	76.6	78.8	79.6	80.5	80.5	80.8	80.8	80.8	80.8	81.1	81.1	81.3	81.3	81.5	82.0
≥ 600	59.5	80.1	82.8	83.8	84.8	84.8	85.1	85.1	85.1	85.1	85.4	85.4	85.6	85.6	85.8	86.5
≥ 500	59.7	82.2	85.3	86.6	87.8	87.8	88.1	88.1	88.2	88.3	88.6	88.7	89.1	89.1	89.4	90.0
≥ 400	59.7	82.7	86.2	88.0	89.5	89.5	89.7	89.7	89.9	90.0	90.4	90.5	91.1	91.1	91.3	91.9
≥ 300	59.7	82.9	86.6	88.5	90.2	90.3	90.6	90.6	91.0	91.4	92.2	92.6	93.2	93.2	93.4	94.3
≥ 200	59.7	82.9	86.8	88.7	90.4	90.5	91.1	91.2	91.6	92.3	93.2	93.8	94.5	94.7	95.2	96.3
≥ 100	59.7	82.9	86.8	88.7	90.4	90.5	91.2	91.5	92.4	93.2	94.2	94.7	95.8	96.3	97.2	98.9
≥ 0	59.7	82.9	86.8	88.7	90.4	90.5	91.2	91.5	92.4	93.2	94.2	94.7	95.8	96.3	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12936 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

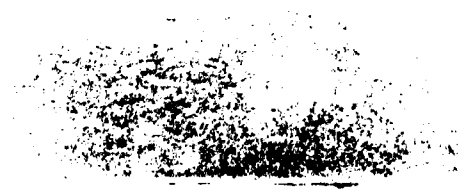
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.1	34.3	34.7	35.3	35.9	36.2	36.6	37.1	37.1	37.3	37.4	37.4	37.4	37.7	38.1	38.6
≥ 20000	34.1	37.6	38.1	38.7	39.4	39.7	40.0	40.5	40.5	40.8	40.9	40.9	40.9	41.2	41.5	42.1
≥ 18000	34.1	37.6	38.1	38.7	39.4	39.7	40.0	40.5	40.5	40.8	40.9	40.9	40.9	41.3	41.6	42.2
≥ 16000	34.1	37.6	38.1	38.7	39.4	39.7	40.0	40.5	40.5	40.8	40.9	40.9	40.9	41.3	41.6	42.2
≥ 14000	34.2	38.1	38.5	39.1	39.8	40.1	40.4	41.0	41.0	41.2	41.3	41.3	41.3	41.7	42.0	42.6
≥ 12000	35.2	39.5	39.9	40.5	41.2	41.5	41.8	42.4	42.4	42.6	42.7	42.7	42.7	43.1	43.4	44.0
≥ 10000	36.3	40.8	41.2	41.8	42.6	42.9	43.2	43.8	43.8	44.0	44.1	44.1	44.1	44.5	44.8	45.4
≥ 9000	37.3	41.9	42.4	43.0	43.8	44.1	44.4	44.9	44.9	45.2	45.3	45.3	45.3	45.7	46.0	46.6
≥ 8000	39.5	44.3	44.7	45.4	46.1	46.5	46.8	47.3	47.3	47.5	47.6	47.6	47.6	48.1	48.4	48.9
≥ 7000	39.9	44.9	45.4	46.0	46.8	47.1	47.4	48.0	48.0	48.2	48.3	48.3	48.3	48.7	49.0	49.6
≥ 6000	40.5	45.7	46.1	46.8	47.5	47.8	48.2	48.7	48.7	48.9	49.0	49.0	49.0	49.5	49.8	50.3
≥ 5000	41.8	47.4	48.0	48.6	49.4	49.7	50.0	50.5	50.5	50.8	50.9	50.9	50.9	51.3	51.6	52.2
≥ 4500	42.3	48.1	48.6	49.2	50.0	50.3	50.6	51.2	51.2	51.4	51.5	51.5	51.5	51.9	52.3	52.8
≥ 4000	43.5	49.7	50.3	51.1	51.8	52.2	52.5	53.0	53.0	53.2	53.3	53.3	53.3	53.8	54.1	54.6
≥ 3500	44.4	51.0	51.6	52.4	53.1	53.4	53.8	54.3	54.3	54.5	54.6	54.6	54.6	55.1	55.4	55.9
≥ 3000	44.9	51.6	52.4	53.1	53.9	54.3	54.6	55.2	55.2	55.4	55.5	55.5	55.5	55.9	56.2	56.8
≥ 2500	45.2	53.1	53.9	54.9	55.7	56.1	56.5	57.0	57.0	57.2	57.3	57.3	57.3	57.7	58.1	58.6
≥ 2000	47.4	56.2	57.2	58.3	59.0	59.5	59.8	60.4	60.4	60.6	60.8	60.8	60.8	61.2	61.5	62.0
≥ 1800	47.8	57.0	58.0	59.0	59.8	60.2	60.5	61.2	61.2	61.4	61.5	61.5	61.5	61.9	62.3	62.8
≥ 1500	48.8	58.8	59.9	61.2	62.2	62.6	63.0	63.7	63.7	63.9	64.0	64.0	64.0	64.4	64.7	65.3
≥ 1200	49.9	62.0	63.4	64.7	65.8	66.2	66.7	67.4	67.4	67.6	67.7	67.7	67.7	68.2	68.5	69.0
≥ 1000	50.4	64.4	65.9	67.3	68.4	68.9	69.4	70.1	70.1	70.3	70.4	70.4	70.4	70.9	71.2	71.7
≥ 900	51.5	67.2	68.7	70.1	71.2	71.7	72.2	72.9	72.9	73.1	73.2	73.2	73.2	73.7	74.0	74.5
≥ 800	52.0	69.5	71.2	72.8	74.0	74.5	74.9	75.7	75.7	75.9	76.0	76.0	76.0	76.5	76.9	77.4
≥ 700	52.4	71.6	73.8	75.5	76.7	77.2	77.6	78.4	78.4	78.7	78.8	78.8	78.8	79.2	79.7	80.2
≥ 600	52.6	74.2	76.8	79.0	80.3	80.9	81.4	82.2	82.3	82.6	82.7	82.7	82.7	83.1	83.7	84.2
≥ 500	52.6	76.2	80.3	83.0	84.7	85.3	85.9	86.7	87.0	87.4	87.5	87.5	87.5	88.0	88.5	89.0
≥ 400	52.6	76.9	81.6	84.5	86.5	87.1	87.7	88.6	88.9	89.5	89.8	89.8	89.9	90.3	90.9	91.4
≥ 300	52.6	76.9	81.7	84.6	86.6	87.2	88.0	89.1	89.5	90.1	90.4	90.5	90.9	91.3	91.9	92.5
≥ 200	52.6	76.9	81.8	84.7	86.9	87.5	88.4	89.9	90.3	91.4	91.9	92.2	92.9	93.4	94.7	95.9
≥ 100	52.6	76.9	81.8	84.7	86.9	87.5	88.4	90.1	90.5	91.8	92.7	92.9	93.9	94.5	96.2	98.2
≥ 0	52.6	76.9	81.8	84.7	86.9	87.5	88.4	90.1	90.5	91.8	92.8	93.0	94.1	94.7	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 — STATION
ELLINGTON AFB TX — STATION NAME
69-70,73-80 — YEARS
MAR — MONTH
0600-0800 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.0	28.4	29.2	30.5	31.5	31.9	32.6	32.8	32.8	33.2	33.3	33.3	33.5	33.8	34.1	34.5
≥ 20000	24.9	32.4	33.5	35.1	36.5	36.9	37.5	37.8	37.8	38.3	38.4	38.4	38.7	38.9	39.2	39.9
≥ 18000	24.9	32.4	33.5	35.1	36.5	36.9	37.5	37.8	37.8	38.3	38.4	38.4	38.7	38.9	39.2	39.9
≥ 16000	24.9	32.4	33.5	35.1	36.5	36.9	37.5	37.8	37.8	38.3	38.4	38.4	38.7	38.9	39.2	39.9
≥ 14000	25.1	32.5	33.7	35.2	36.7	37.1	37.7	38.2	38.2	38.6	38.7	38.7	39.0	39.2	39.6	40.2
≥ 12000	26.3	34.0	35.2	36.7	38.2	38.6	39.2	39.7	39.7	40.1	40.2	40.2	40.5	40.8	41.1	41.7
≥ 10000	27.4	35.3	36.5	38.0	39.5	39.9	40.5	41.0	41.0	41.4	41.5	41.5	41.8	42.0	42.4	43.0
≥ 9000	28.0	35.9	37.2	38.7	40.2	40.6	41.3	41.7	41.7	42.2	42.3	42.3	42.6	42.8	43.1	43.8
≥ 8000	28.8	37.6	39.0	40.5	42.0	42.6	43.2	43.7	43.7	44.1	44.2	44.2	44.5	44.7	45.1	45.7
≥ 7000	29.5	38.3	39.8	41.6	43.1	43.7	44.3	44.7	44.7	45.2	45.3	45.3	45.6	45.8	46.1	46.8
≥ 6000	30.1	39.5	41.0	42.8	44.3	44.8	45.5	45.9	45.9	46.3	46.5	46.5	46.8	47.0	47.3	48.0
≥ 5000	30.6	40.9	42.6	44.4	45.9	46.5	47.1	47.5	47.5	48.0	48.1	48.1	48.4	48.6	48.9	49.6
≥ 4500	31.3	41.7	43.4	45.5	47.1	47.6	48.3	48.7	48.7	49.1	49.2	49.2	49.6	49.8	50.1	50.8
≥ 4000	32.0	43.0	45.1	47.5	49.1	49.7	50.3	50.8	50.8	51.2	51.3	51.3	51.6	51.8	52.2	52.8
≥ 3500	32.7	44.1	46.2	48.8	50.6	51.2	51.9	52.4	52.4	52.8	53.0	53.0	53.3	53.5	53.9	54.5
≥ 3000	33.7	45.5	47.8	50.5	52.6	53.2	54.1	54.5	54.5	54.9	55.2	55.2	55.5	55.7	56.0	56.7
≥ 2500	34.1	46.7	49.1	51.9	54.1	54.7	55.6	56.0	56.0	56.5	56.7	56.7	57.0	57.2	57.5	58.2
≥ 2000	35.4	48.9	51.7	54.8	57.3	58.1	59.0	59.6	59.6	60.0	60.2	60.2	60.5	60.8	61.1	61.7
≥ 1800	35.8	50.2	53.0	56.1	58.8	59.7	60.6	61.2	61.2	61.6	61.8	61.8	62.2	62.4	62.7	63.3
≥ 1500	36.3	51.4	54.6	57.8	60.8	61.6	62.6	63.2	63.2	63.7	63.9	63.9	64.2	64.4	64.7	65.4
≥ 1200	37.0	53.8	57.2	60.5	63.5	64.5	65.6	66.2	66.2	66.7	66.9	66.9	67.2	67.4	67.8	68.5
≥ 1000	37.4	54.9	59.4	62.9	66.5	67.5	68.8	69.5	69.5	69.9	70.1	70.1	70.4	70.6	71.1	71.7
≥ 900	37.6	57.0	61.9	66.1	69.7	70.9	72.2	72.8	72.8	73.2	73.4	73.4	73.8	74.0	74.4	75.1
≥ 800	37.7	57.7	63.2	68.0	71.9	73.3	74.6	75.3	75.3	75.8	76.0	76.0	76.3	76.6	77.0	77.6
≥ 700	37.8	58.9	64.6	69.8	74.0	75.5	77.2	77.8	77.8	78.4	78.6	78.6	78.9	79.1	79.6	80.2
≥ 600	38.0	60.5	66.6	72.5	76.9	78.8	80.8	81.5	81.5	82.2	82.4	82.4	82.7	82.9	83.3	84.0
≥ 500	38.1	62.2	68.5	74.6	79.8	81.8	84.1	85.1	85.1	85.7	86.1	86.1	86.6	86.8	87.2	87.8
≥ 400	38.1	62.4	69.2	75.9	82.0	84.6	87.4	88.6	88.6	89.2	89.9	89.9	90.4	90.6	91.2	91.8
≥ 300	38.1	62.6	69.6	76.6	83.0	85.8	88.8	90.2	90.3	91.2	92.2	92.2	92.7	92.9	93.7	94.4
≥ 200	38.1	62.6	69.8	76.8	83.3	86.1	89.1	90.8	90.9	91.8	92.9	92.9	93.7	94.2	95.6	97.3
≥ 100	38.1	62.6	69.8	76.8	83.3	86.1	89.1	90.8	91.0	92.0	93.4	93.4	94.3	95.3	96.9	99.2
≥ 0	38.1	62.6	69.8	76.8	83.3	86.1	89.1	90.8	91.0	92.0	93.4	93.4	94.3	95.3	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 931

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12976 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥0
NO CEILING	27.1	33.0	33.8	34.0	34.5	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 20000	31.0	37.6	38.5	38.7	39.2	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 18000	31.1	37.7	38.6	38.8	39.4	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 17000	31.1	38.0	38.8	39.0	39.6	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 16000	31.1	38.2	39.0	39.2	40.0	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 15000	32.4	39.9	40.8	41.0	41.7	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 12000	33.4	41.8	42.7	43.0	43.8	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 11000	33.9	42.3	43.1	43.4	44.2	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 10000	34.9	44.5	45.4	45.8	46.8	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 9000	35.5	45.2	46.0	46.5	47.5	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 8000	35.3	45.9	46.9	47.2	48.3	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 7000	37.5	48.4	49.2	49.7	50.8	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 6000	38.3	49.7	50.5	51.0	52.0	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 5000	39.6	51.4	52.6	53.0	54.1	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 4500	40.2	52.9	54.1	54.5	55.6	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 4000	41.7	54.9	56.2	57.0	58.2	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 3500	43.9	57.6	59.0	59.8	61.1	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 3000	45.4	61.3	62.9	63.8	65.3	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 2500	46.3	62.7	64.3	65.3	66.9	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 2000	47.2	65.4	67.1	68.3	70.0	70.5	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1800	48.1	70.2	72.3	73.7	75.6	76.1	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1500	48.9	72.6	75.1	77.3	79.5	80.0	80.9	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	49.1	74.7	77.9	80.2	82.6	83.1	84.	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	49.2	75.4	78.6	81.6	84.4	84.9	86.1	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 900	49.4	76.1	79.9	83.3	86.2	86.8	88.4	88.7	88.8	89.2	89.0	89.0	89.1	89.1	89.1	89.1
≥ 800	49.4	76.6	80.2	84.0	87.8	88.4	90.3	90.8	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 700	49.5	77.3	81.3	85.9	89.6	90.3	92.6	93.7	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 600	49.9	77.3	81.9	85.8	90.3	91.2	93.5	94.8	95.3	95.9	96.2	96.2	96.3	96.3	96.3	96.3
≥ 500	49.5	77.3	81.5	85.8	90.4	91.5	94.2	95.5	96.0	97.1	97.4	97.4	97.5	97.6	97.6	97.6
≥ 400	49.9	77.3	81.9	85.8	90.4	91.5	94.2	95.5	96.1	97.3	98.3	98.3	98.8	99.0	99.1	99.2
≥ 300	49.5	77.3	81.5	85.8	90.4	91.5	94.2	95.5	96.1	97.3	98.3	98.3	98.9	99.4	99.7	99.9
≥ 200	49.9	77.3	81.9	85.8	90.4	91.5	94.2	95.5	96.1	97.3	98.3	98.3	98.9	99.4	99.7	100.
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12956 — STATION
ELLINGTON AFB TX — STATION NAME
69-70,73-80 — YEARS
MAR — MONTH
1200-1400 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.9	35.3	35.4	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.1	36.1
≥ 20000	38.5	42.4	42.5	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 18000	38.5	42.4	42.5	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 16000	38.5	42.4	42.5	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 14000	38.6	42.5	42.6	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 12000	39.5	43.3	43.5	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 10000	40.9	44.9	45.2	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 9000	41.9	45.9	46.1	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 8000	43.5	47.8	48.1	48.5	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 7000	44.6	48.9	49.1	49.6	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 6000	45.3	50.0	50.2	50.6	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 5000	47.0	52.0	52.3	52.7	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 4500	48.6	54.4	54.6	55.1	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 4000	51.1	57.2	57.4	58.1	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 3500	52.4	58.7	58.9	59.6	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 3000	53.9	61.8	61.1	61.7	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 2500	55.9	64.8	65.9	66.3	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 2000	59.4	71.0	72.0	73.4	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1800	60.0	72.9	74.1	75.5	76.0	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1500	61.5	76.9	78.4	79.9	80.6	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	62.4	80.6	82.8	84.7	85.8	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1000	62.6	82.3	84.6	86.6	88.0	88.5	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	62.6	83.2	85.8	88.0	89.6	90.1	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	62.6	83.7	86.5	88.6	90.3	91.0	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 700	62.6	84.1	87.1	89.5	91.4	92.6	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	62.8	84.4	87.5	90.0	92.0	93.3	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	62.9	84.6	88.1	90.6	92.9	94.5	95.9	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6
≥ 400	62.9	85.1	88.7	91.4	94.0	95.9	97.6	98.1	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4
≥ 300	62.9	85.1	88.7	91.4	94.0	95.9	97.6	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.8	98.8
≥ 200	62.9	85.1	88.7	91.4	94.0	95.9	97.6	98.2	98.3	98.4	98.5	98.7	99.2	99.5	99.5	99.5
≥ 100	62.9	85.1	88.7	91.4	94.0	95.9	97.6	98.2	98.3	98.4	98.6	98.8	99.6	99.8	100.0	100.0
≥ 0	62.9	85.1	88.7	91.4	94.0	95.9	97.6	98.2	98.3	98.4	98.6	98.8	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VI

12906 — STATION
ELLINGTON AFB TX — STATION NAME
69-70,73-8[illegible] — YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES													
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16
NO CEILING	37.8	40.5	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 20000	45.2	49.4	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 18000	45.2	49.7	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 16000	45.3	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	45.4	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 12000	46.1	51.0	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 10000	47.7	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 9000	48.2	53.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 8000	49.4	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 7000	50.0	55.9	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 6000	50.9	56.7	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 5000	52.7	59.1	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 4500	53.3	60.2	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 4000	54.9	62.7	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 3500	56.1	64.4	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3000	57.9	66.7	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 2500	59.2	69.8	71.3	71.7	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 2000	61.1	72.9	74.7	75.4	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1800	61.4	74.1	76.3	77.2	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1500	61.7	76.6	79.5	80.6	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1200	62.2	79.4	82.5	84.1	86.1	86.6	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1
≥ 1000	62.3	80.6	83.8	86.0	88.3	89.0	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0
≥ 900	62.3	81.1	84.5	87.0	89.4	90.1	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1
≥ 800	62.3	81.4	85.1	88.2	90.6	91.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6
≥ 700	62.3	81.9	85.9	89.4	91.8	92.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2
≥ 600	62.4	82.2	86.1	89.8	92.4	93.2	94.6	94.9	94.9	95.1	95.1	95.1	95.1	95.1
≥ 500	62.4	82.3	86.2	90.1	92.9	94.2	96.3	96.8	96.8	97.0	97.0	97.0	97.0	97.0
≥ 400	62.4	82.3	86.2	90.1	92.9	94.5	97.0	97.8	98.0	98.5	98.6	98.6	98.6	98.6
≥ 300	62.4	82.3	86.2	90.1	93.0	94.6	97.2	98.2	98.4	99.0	99.2	99.2	99.2	99.2
≥ 200	62.4	82.3	86.2	90.1	93.0	94.6	97.3	98.4	98.6	99.6	99.9	99.9	99.9	99.9
	62.4	82.3	86.2	90.1	93.0	94.6	97.3	98.4	98.6	99.6	99.9	99.9	99.9	99.9
	62.4	82.3	86.2	90.1	93.0	94.6	97.3	98.4	98.6	99.6	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS ___

[illegible] (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12976	ELLINGTON AFB TX	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-2100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.8	40.8	41.0	41.5	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 20000	43.5	48.9	49.1	50.0	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	43.5	49.2	49.5	50.3	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 16000	43.7	49.4	49.6	50.4	50.6	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 14000	44.1	49.8	50.0	50.9	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000	44.9	51.2	51.4	52.3	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 10000	46.3	52.9	53.1	54.0	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 9000	46.9	53.4	53.7	54.5	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 8000	47.4	54.3	54.6	55.5	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 7000	48.6	55.8	56.2	57.1	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 6000	49.7	57.3	57.7	58.6	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 5000	51.1	58.8	59.2	60.1	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 4500	51.7	59.6	60.0	60.9	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 4000	52.4	61.1	61.6	62.6	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 3500	53.5	62.6	63.4	64.4	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 3000	54.3	63.9	64.8	65.8	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 2500	55.3	65.7	66.7	68.0	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 2000	56.7	68.5	69.7	71.2	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.
≥ 1800	56.9	69.8	71.0	72.5	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 1500	58.0	71.8	73.2	74.9	75.8	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1200	59.1	75.5	77.2	79.4	80.3	80.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.
≥ 1000	59.6	78.0	80.3	82.7	83.8	83.8	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 900	59.6	79.0	81.4	84.0	85.6	85.7	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.9
≥ 800	60.0	80.3	83.0	85.6	87.2	87.3	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 700	60.1	81.5	84.6	87.2	88.8	89.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 600	60.2	81.9	85.4	88.2	90.1	90.4	91.4	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7
≥ 500	60.2	82.3	86.0	89.2	91.4	92.0	93.4	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1
≥ 400	60.2	82.6	86.7	90.2	93.1	94.0	95.5	96.6	96.6	96.7	96.7	96.8	96.9	96.9	96.9	96.9
≥ 300	60.2	82.8	86.9	90.6	93.5	94.6	96.1	97.5	97.6	98.2	98.2	98.3	98.6	98.6	98.6	98.6
≥ 200	60.2	82.8	86.9	90.6	93.5	94.6	96.1	97.5	97.6	98.3	98.4	98.7	99.2	99.2	99.2	99.2
≥ 100	60.2	82.8	86.9	90.6	93.5	94.6	96.1	97.5	97.6	98.3	98.4	98.7	99.6	99.7	99.7	100.0
≥ 0	60.2	82.8	86.9	90.6	93.5	94.6	96.1	97.5	97.6	98.3	98.4	98.7	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?9?6	ELLINGTON AFB TX	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.9	39.7	40.1	40.5	40.5	40.5	40.5	40.6	40.8	40.9	40.9	40.9	41.1	41.2	41.3	41.3
≥ 20000	41.1	44.2	44.6	45.1	45.1	45.1	45.1	45.2	45.3	45.4	45.4	45.4	45.6	45.7	45.8	45.8
≥ 18000	41.3	44.5	44.9	45.4	45.4	45.4	45.4	45.5	45.6	45.7	45.7	45.7	45.9	46.0	46.1	46.1
≥ 6000	41.3	44.5	44.9	45.4	45.4	45.4	45.4	45.5	45.6	45.7	45.7	45.7	45.9	46.0	46.1	46.1
≥ 14000	41.7	45.3	45.7	46.1	46.1	46.1	46.1	46.2	46.3	46.5	46.5	46.5	46.7	46.8	46.9	46.9
≥ 12000	42.8	46.5	46.9	47.3	47.3	47.3	47.3	47.4	47.5	47.6	47.6	47.6	47.8	48.0	48.1	48.1
≥ 10000	44.5	48.9	49.4	49.8	49.8	49.8	49.8	49.9	50.0	50.1	50.1	50.1	50.3	50.4	50.5	50.5
≥ 9000	45.4	49.8	50.2	50.6	50.6	50.6	50.6	50.8	50.9	51.0	51.0	51.0	51.2	51.3	51.4	51.4
≥ 8000	46.9	51.6	52.0	52.5	52.5	52.5	52.5	52.6	52.7	52.8	52.8	52.8	53.0	53.1	53.2	53.2
≥ 7000	47.5	52.8	53.2	53.7	53.7	53.7	53.7	53.8	53.9	54.0	54.0	54.0	54.2	54.3	54.4	54.4
≥ 6000	48.3	53.5	54.1	54.5	54.5	54.5	54.5	54.6	54.7	54.8	54.8	54.8	55.1	55.2	55.3	55.3
≥ 5000	49.4	55.2	55.7	56.1	56.1	56.1	56.1	56.2	56.3	56.5	56.5	56.5	56.7	56.8	56.9	56.9
≥ 4500	49.9	56.1	56.7	57.1	57.1	57.1	57.1	57.2	57.3	57.4	57.4	57.4	57.6	57.7	57.8	57.8
≥ 4000	51.2	57.6	58.3	58.8	58.8	58.8	58.8	58.9	59.0	59.1	59.1	59.1	59.4	59.5	59.6	59.6
≥ 3500	51.7	58.6	59.2	59.8	59.8	59.8	59.8	59.9	60.0	60.1	60.1	60.1	60.3	60.4	60.5	60.5
≥ 3000	52.9	60.2	61.1	61.5	61.5	61.5	61.5	61.6	61.7	61.8	61.8	61.8	62.0	62.2	62.3	62.3
≥ 2500	54.0	62.0	62.8	63.3	63.3	63.3	63.3	63.4	63.5	63.7	63.7	63.7	63.9	64.0	64.1	64.1
≥ 2000	55.2	64.2	64.9	65.5	65.6	65.6	65.6	65.7	65.8	65.9	65.9	65.9	66.1	66.2	66.3	66.3
≥ 1800	55.3	64.7	65.6	66.1	66.3	66.3	66.3	66.5	66.6	66.7	66.7	66.7	66.9	67.0	67.2	67.2
≥ 1500	56.9	67.2	68.2	68.7	68.9	68.9	68.9	69.0	69.1	69.2	69.2	69.2	69.5	69.6	69.8	69.8
≥ 1200	57.6	70.3	71.4	72.0	72.3	72.3	72.3	72.4	72.5	72.6	72.6	72.6	72.8	72.9	73.1	73.1
≥ 1000	58.8	73.9	75.2	75.8	76.0	76.0	76.0	76.1	76.2	76.3	76.3	76.3	76.6	76.7	76.9	76.9
≥ 900	59.1	76.5	77.7	78.4	78.6	78.6	78.6	78.7	78.8	78.9	78.9	78.9	79.1	79.2	79.5	79.5
≥ 800	60.1	78.6	79.9	80.6	81.0	81.0	81.1	81.2	81.3	81.4	81.4	81.4	81.6	81.7	81.9	81.9
≥ 700	60.9	81.8	83.4	84.2	84.6	84.6	84.7	84.8	84.9	85.1	85.1	85.1	85.3	85.4	85.6	85.6
≥ 600	61.0	83.8	86.0	87.1	87.7	87.7	87.8	88.0	88.1	88.2	88.2	88.2	88.4	88.5	88.7	88.7
≥ 500	61.1	85.2	88.1	89.6	90.4	90.4	90.8	90.9	91.0	91.2	91.2	91.2	91.4	91.5	91.7	91.7
≥ 400	61.3	85.9	89.0	90.9	92.4	92.5	92.9	93.4	93.5	93.8	93.8	93.8	94.1	94.2	94.5	94.5
≥ 300	61.3	86.3	89.9	91.8	93.7	93.8	94.2	94.8	94.9	95.2	95.2	95.2	95.6	95.7	96.0	96.0
≥ 200	61.3	86.3	89.9	91.8	93.8	93.9	94.5	95.2	95.3	95.7	95.8	95.8	96.5	96.8	97.2	97.6
≥ 100	61.3	86.3	89.9	91.8	93.8	94.0	94.6	95.3	95.5	96.0	96.2	96.3	97.3	98.0	98.4	99.7
≥ 0	61.3	86.3	89.9	91.8	93.8	94.0	94.6	95.3	95.5	96.0	96.2	96.3	97.3	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH) ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.4	36.3	36.8	37.3	37.6	37.8	38.0	38.1	38.1	38.2	38.3	38.3	38.3	38.4	38.5	38.7
≥ 20000	37.0	41.9	42.4	43.0	43.4	43.6	43.8	43.9	43.9	44.0	44.0	44.0	44.1	44.2	44.3	44.5
≥ 18000	37.1	42.1	42.6	43.2	43.6	43.7	43.9	44.0	44.0	44.1	44.2	44.2	44.3	44.4	44.5	44.7
≥ 17000	37.1	42.1	42.7	43.2	43.7	43.8	44.0	44.1	44.1	44.2	44.3	44.3	44.4	44.4	44.6	44.8
≥ 16000	37.4	42.5	43.1	43.6	44.0	44.2	44.4	44.5	44.5	44.6	44.7	44.7	44.8	44.9	45.0	45.2
≥ 15000	38.3	43.7	44.3	44.9	45.3	45.5	45.6	45.8	45.8	45.9	46.0	46.0	46.0	46.1	46.2	46.5
≥ 14000	39.7	45.5	46.1	46.7	47.2	47.3	47.5	47.6	47.6	47.7	47.8	47.8	47.9	48.0	48.1	48.3
≥ 13000	40.5	46.3	46.9	47.5	48.0	48.1	48.3	48.4	48.4	48.5	48.6	48.6	48.7	48.8	48.9	49.1
≥ 12000	41.7	48.0	48.6	49.2	49.7	49.9	50.1	50.2	50.2	50.3	50.4	50.4	50.5	50.6	50.7	50.9
≥ 11000	42.4	48.9	49.6	50.2	50.7	50.9	51.1	51.2	51.2	51.3	51.4	51.4	51.5	51.6	51.7	51.9
≥ 10000	43.1	49.9	50.5	51.1	51.7	51.9	52.0	52.2	52.2	52.3	52.4	52.4	52.4	52.5	52.6	52.8
≥ 9000	44.4	51.7	52.4	53.0	53.6	53.7	53.9	54.1	54.1	54.2	54.2	54.2	54.3	54.4	54.5	54.7
≥ 8000	45.3	52.8	53.5	54.2	54.8	54.9	55.1	55.2	55.3	55.3	55.4	55.4	55.5	55.6	55.7	55.9
≥ 7000	46.6	54.1	55.5	56.3	56.9	57.1	57.2	57.4	57.4	57.5	57.6	57.6	57.6	57.7	57.8	58.1
≥ 6000	47.5	56.0	56.9	57.7	58.3	58.5	58.7	58.8	58.8	58.9	59.0	59.0	59.1	59.2	59.3	59.5
≥ 5000	48.5	57.5	58.6	59.5	60.1	60.3	60.6	60.7	60.7	60.8	60.9	60.9	61.0	61.1	61.2	61.4
≥ 4500	49.8	59.8	61.1	62.0	62.7	62.9	63.2	63.3	63.3	63.4	63.5	63.5	63.6	63.7	63.8	64.0
≥ 4000	51.6	62.9	64.4	65.6	66.5	66.8	67.1	67.2	67.2	67.3	67.4	67.4	67.5	67.6	67.7	67.9
≥ 3500	52.7	64.0	65.6	66.8	67.9	68.2	68.5	68.6	68.6	68.7	68.8	68.8	68.9	69.0	69.1	69.3
≥ 3000	53.3	66.4	68.2	69.6	70.8	71.1	71.4	71.6	71.6	71.7	71.8	71.8	71.9	72.0	72.1	72.3
≥ 2500	54.0	69.7	71.8	73.4	74.7	75.1	75.6	75.7	75.8	75.9	76.0	76.0	76.0	76.1	76.3	76.5
≥ 2000	54.6	71.9	74.3	76.2	77.8	78.2	78.8	79.0	79.1	79.2	79.3	79.3	79.4	79.5	79.6	79.8
≥ 1800	55.0	73.8	76.4	78.5	80.2	80.6	81.3	81.5	81.5	81.7	81.7	81.7	81.8	81.9	82.1	82.3
≥ 1600	55.3	75.1	77.9	80.2	82.1	82.6	83.3	83.5	83.6	83.7	83.8	83.8	83.9	84.0	84.1	84.4
≥ 1400	55.5	76.6	79.7	82.3	84.3	84.9	85.8	86.1	86.1	86.3	86.4	86.4	86.5	86.6	86.7	87.0
≥ 1200	55.7	78.0	81.4	84.3	86.5	87.2	88.3	88.6	88.7	88.9	89.0	89.0	89.1	89.2	89.3	89.6
≥ 1000	55.8	79.0	83.0	86.2	88.7	89.6	90.9	91.4	91.5	91.8	91.9	91.9	92.1	92.2	92.3	92.6
≥ 900	55.8	79.4	83.7	87.1	90.1	91.2	92.7	93.5	93.6	94.0	94.2	94.2	94.4	94.6	94.8	95.0
≥ 800	55.8	79.5	83.9	87.4	90.6	91.7	93.3	94.3	94.5	95.1	95.4	95.5	95.8	95.9	96.2	96.5
≥ 700	55.8	79.5	84.0	87.5	90.7	91.8	93.5	94.6	94.8	95.6	96.1	96.3	96.8	97.1	97.6	98.1
≥ 600	55.8	79.5	84.0	87.5	90.7	91.9	93.6	94.7	95.0	95.8	96.5	96.6	97.4	97.8	98.5	99.5
≥ 500	55.8	79.5	84.0	87.5	90.7	91.9	93.6	94.7	95.0	95.8	96.5	96.7	97.4	97.9	98.6	100.0
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 — STATION
ELLINGTON AFB TX — STATION NAME
69-70,73-80 — YEARS
APR — MONTH
0000-0200 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.2	40.2	41.8	42.8	43.7	43.9	44.3	44.6	44.7	44.8	44.9	44.9	45.0	45.4	45.8	46.1
≥ 20000	35.9	43.4	45.1	46.0	46.9	47.1	47.6	47.8	47.9	48.0	48.1	48.1	48.4	48.9	49.3	49.7
≥ 18000	35.9	43.4	45.0	46.0	46.9	47.1	47.6	47.8	47.9	48.0	48.1	48.1	48.4	48.9	49.3	49.7
≥ 6000	35.9	43.4	45.0	46.0	46.9	47.1	47.6	47.8	47.9	48.0	48.1	48.1	48.4	48.9	49.3	49.7
≥ 14000	35.9	43.4	45.0	46.0	46.9	47.1	47.6	47.8	47.9	48.0	48.1	48.1	48.4	48.9	49.3	49.7
≥ 12000	36.6	44.4	46.3	47.0	47.9	48.1	48.6	48.8	48.9	49.0	49.1	49.1	49.4	49.9	50.3	50.7
≥ 10000	37.2	45.6	47.2	48.3	49.3	49.6	50.0	50.3	50.6	50.7	50.8	50.8	51.1	51.6	52.0	52.3
≥ 9000	37.6	46.2	47.9	49.0	50.0	50.2	50.7	51.0	51.2	51.3	51.4	51.4	51.8	52.2	52.7	53.1
≥ 8000	39.0	48.0	49.7	50.8	51.8	52.0	52.4	52.8	53.0	53.1	53.2	53.2	53.6	54.0	54.4	54.6
≥ 7000	39.8	49.4	51.1	52.2	53.2	53.4	53.9	54.2	54.4	54.6	54.7	54.7	55.0	55.4	55.9	56.2
≥ 6000	41.2	51.4	53.1	54.2	55.2	55.4	55.9	56.2	56.4	56.6	56.7	56.7	57.0	57.4	57.9	58.2
≥ 5000	42.6	53.2	55.1	56.2	57.2	57.4	57.9	58.2	58.4	58.6	58.7	58.7	59.0	59.4	59.9	60.2
≥ 4500	43.1	53.8	55.6	56.8	57.8	58.0	58.4	58.8	59.0	59.1	59.2	59.2	59.6	60.0	60.4	60.8
≥ 4000	44.1	55.3	57.2	58.4	59.4	59.7	60.1	60.4	60.7	60.8	60.9	60.9	61.2	61.7	62.1	62.4
≥ 3500	44.6	55.8	57.7	59.0	60.0	60.2	60.7	61.0	61.2	61.3	61.4	61.4	61.8	62.2	62.7	63.0
≥ 3000	45.1	56.8	58.8	60.1	61.2	61.4	61.9	62.2	62.4	62.6	62.7	62.7	63.0	63.4	63.9	64.2
≥ 2500	45.7	58.0	60.0	61.3	62.4	62.7	63.1	63.4	63.7	63.8	63.9	63.9	64.2	64.7	65.1	65.4
≥ 2000	47.8	61.3	63.3	64.7	65.8	66.0	66.4	66.8	67.0	67.1	67.2	67.2	67.6	68.0	68.4	68.8
≥ 1800	48.7	62.4	64.4	65.8	66.9	67.1	67.6	67.9	68.1	68.2	68.3	68.3	68.7	69.1	69.6	69.9
≥ 1500	50.2	65.0	67.0	68.3	69.4	69.7	70.1	70.4	70.7	70.8	70.9	70.9	71.2	71.7	72.1	72.4
≥ 1200	52.2	68.8	70.8	72.1	73.3	73.7	74.1	74.4	74.7	74.8	74.9	74.9	75.2	75.7	76.1	76.4
≥ 1000	53.2	71.4	73.6	74.9	76.2	76.6	77.0	77.3	77.6	77.7	77.8	77.8	78.2	78.7	79.1	79.4
≥ 900	53.8	74.8	77.1	78.4	79.8	80.1	80.6	80.9	81.1	81.2	81.3	81.3	81.8	82.2	82.7	83.0
≥ 800	54.6	77.6	80.1	81.4	82.8	83.1	83.6	83.9	84.1	84.2	84.3	84.3	84.8	85.2	85.7	86.0
≥ 700	55.1	80.1	82.9	84.3	85.9	86.2	86.7	87.0	87.2	87.3	87.4	87.4	87.9	88.3	88.8	89.1
≥ 600	55.3	80.7	83.6	85.1	86.8	87.1	87.6	87.9	88.1	88.2	88.3	88.3	88.8	89.2	89.7	90.0
≥ 500	55.3	81.9	85.9	87.9	89.9	90.2	90.7	91.0	91.2	91.4	91.6	91.6	92.0	92.4	92.9	93.2
≥ 400	55.3	82.9	87.2	89.8	92.0	92.4	93.1	93.4	93.7	93.9	94.0	94.0	94.4	94.9	95.3	95.7
≥ 300	55.3	82.9	87.2	90.1	92.4	92.9	93.6	93.9	94.3	94.8	95.0	95.1	95.6	96.1	96.8	97.3
≥ 200	55.3	82.9	87.2	90.1	92.4	92.9	93.7	94.1	94.8	95.6	95.8	95.9	96.4	97.0	97.7	98.2
≥ 100	55.3	82.9	87.2	90.1	92.4	92.9	93.7	94.1	94.8	96.0	96.3	96.4	97.1	98.4	99.2	99.8
≥ 0	55.3	82.9	87.2	90.1	92.4	92.9	93.7	94.1	94.8	96.0	96.3	96.4	97.1	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) APP (MONTH) 0300-0500 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	<¼
NO CEILING	28.8	35.4	36.9	37.9	38.6	38.6	38.7	39.0	39.0	39.1	39.6	39.8	40.2	40.4	40.7	42.2
≥ 20000	30.7	38.1	39.7	40.7	41.3	41.3	41.4	41.8	41.8	41.9	42.3	42.6	43.0	43.2	43.4	45.1
≥ 18000	30.7	38.1	39.7	40.7	41.3	41.3	41.4	41.8	41.8	41.9	42.3	42.6	43.0	43.2	43.4	45.1
≥ 17000	30.7	38.1	39.7	40.7	41.3	41.3	41.4	41.8	41.8	41.9	42.3	42.6	43.0	43.2	43.4	45.1
≥ 14000	30.7	38.1	39.7	40.7	41.3	41.3	41.4	41.8	41.8	41.9	42.3	42.6	43.0	43.2	43.4	45.1
≥ 12000	31.1	38.7	40.2	41.2	41.9	41.9	42.0	42.3	42.3	42.4	42.9	43.1	43.6	43.8	44.0	45.7
≥ 10000	32.8	40.7	42.3	43.3	44.0	44.0	44.2	44.7	44.8	45.0	45.4	45.7	46.1	46.3	46.6	48.2
≥ 9000	32.9	40.8	42.4	43.4	44.1	44.1	44.3	44.8	44.9	45.1	45.6	45.8	46.2	46.4	46.7	48.3
≥ 8000	34.0	41.9	43.6	44.6	45.2	45.2	45.4	45.9	46.1	46.2	46.7	46.9	47.3	47.6	47.8	49.4
≥ 7000	34.8	43.0	44.7	45.7	46.3	46.3	46.6	47.0	47.1	47.3	47.8	48.0	48.4	48.7	48.9	50.6
≥ 6000	35.7	43.9	45.6	46.6	47.2	47.2	47.4	47.9	48.0	48.2	48.7	48.9	49.3	49.6	49.8	51.4
≥ 5000	36.8	45.4	47.1	48.3	49.2	49.2	49.4	49.9	50.0	50.2	50.7	50.9	51.3	51.6	51.8	53.4
≥ 4500	37.3	46.1	47.8	49.0	49.9	49.9	50.1	50.6	50.7	50.9	51.3	51.6	52.0	52.2	52.4	54.1
≥ 4000	38.1	47.1	48.9	50.2	51.1	51.1	51.3	51.8	51.9	52.1	52.6	52.8	53.2	53.4	53.7	55.3
≥ 3500	38.8	47.9	49.7	51.1	52.0	52.0	52.2	52.7	52.8	53.0	53.4	53.7	54.1	54.3	54.6	56.2
≥ 3000	39.3	49.8	51.6	53.1	54.0	54.0	54.2	54.7	54.8	55.0	55.4	55.7	56.1	56.3	56.6	58.2
≥ 2500	41.0	52.0	53.8	55.6	56.4	56.4	56.7	57.1	57.2	57.4	57.9	58.1	58.6	58.8	59.0	60.7
≥ 2000	43.3	56.4	58.2	60.0	60.9	60.9	61.2	61.7	61.8	62.1	62.4	62.7	63.1	63.3	63.6	65.2
≥ 1800	43.8	57.6	59.3	61.1	62.0	62.0	62.3	62.8	62.9	63.1	63.6	63.8	64.2	64.4	64.7	66.3
≥ 1500	45.7	60.2	62.3	64.3	65.4	65.4	65.8	66.2	66.3	66.6	67.0	67.2	67.7	67.9	68.1	69.8
≥ 1200	47.4	64.7	66.9	69.0	70.1	70.1	70.4	70.9	71.0	71.2	71.7	71.9	72.3	72.6	72.8	74.4
≥ 1000	48.7	68.4	70.8	73.0	74.2	74.2	74.6	75.1	75.2	75.6	76.0	76.2	76.7	76.9	77.1	78.8
≥ 900	49.2	70.4	72.9	75.2	76.4	76.4	76.8	77.3	77.4	77.8	78.2	78.4	78.9	79.1	79.3	81.0
≥ 800	49.3	72.3	74.9	77.4	78.7	78.7	79.0	79.6	79.7	80.0	80.4	80.7	81.1	81.3	81.6	83.2
≥ 700	49.8	74.4	77.1	79.9	81.1	81.1	81.7	82.3	82.4	82.9	83.3	83.6	84.0	84.2	84.4	86.1
≥ 600	50.3	76.1	79.0	81.9	83.3	83.3	84.1	84.8	84.9	85.4	85.9	86.1	86.6	86.8	87.0	88.7
≥ 500	50.3	76.6	80.0	83.3	84.9	84.9	85.8	86.6	86.7	87.3	87.8	88.0	88.4	88.7	88.9	90.6
≥ 400	50.3	77.4	80.9	85.2	87.0	87.0	88.0	88.9	89.0	89.7	90.1	90.3	90.8	91.0	91.2	92.9
≥ 300	50.3	77.8	81.3	86.1	87.9	88.1	89.1	90.1	90.3	91.3	92.0	92.2	92.8	93.1	93.6	95.6
≥ 200	50.3	77.8	81.3	86.2	88.1	88.4	89.8	90.9	91.2	92.4	93.2	93.8	94.3	94.8	95.3	97.3
≥ 100	50.3	77.8	81.3	86.2	88.1	88.4	89.8	90.9	91.2	92.6	93.3	94.0	94.7	95.7	96.7	99.3
≥ 0	50.3	77.8	81.3	86.2	88.1	88.4	89.8	90.9	91.2	92.6	93.3	94.0	94.7	95.7	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906	ELLINGTON AFB TX	69-70,73-80	APR
STATION	STATION NAME	YEARS	MONTH

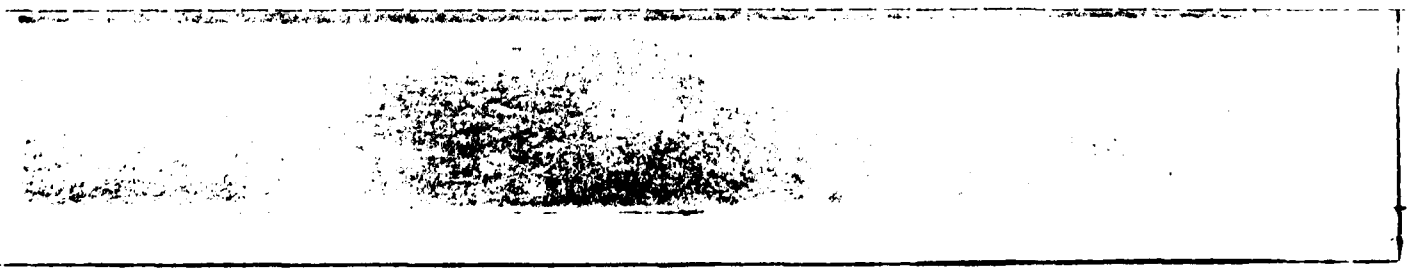
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥7/16	≥⅜	≥0
NO CEILING	17.8	29.4	31.9	34.9	37.0	37.6	38.4	38.7	38.7	39.0	39.2	39.4	39.7	39.9	40.1	41.4
≥ 20000	19.7	33.4	36.2	40.2	42.4	43.0	44.0	44.2	44.2	44.8	45.0	45.2	45.4	45.8	46.0	47.3
≥ 18000	19.7	33.4	36.2	40.2	42.4	43.0	44.0	44.2	44.2	44.8	45.0	45.2	45.4	45.8	46.0	47.3
≥ 16000	19.7	33.4	36.2	40.2	42.4	43.0	44.0	44.2	44.2	44.8	45.0	45.2	45.4	45.8	46.0	47.3
≥ 14000	19.9	34.0	36.8	40.8	43.0	43.6	44.6	44.8	44.8	45.3	45.6	45.8	46.0	46.3	46.6	47.9
≥ 12000	20.0	34.4	37.3	41.3	43.6	44.1	45.1	45.3	45.3	45.9	46.1	46.3	46.6	46.9	47.1	48.4
≥ 10000	20.6	35.4	38.4	42.4	44.8	45.4	46.4	46.7	46.8	47.3	47.6	47.8	48.0	48.3	48.6	49.9
≥ 9000	20.6	35.7	38.7	42.7	45.0	45.7	46.7	46.9	47.1	47.6	47.8	48.0	48.2	48.6	48.8	50.1
≥ 8000	20.8	36.7	39.7	43.9	46.3	47.0	48.1	48.3	48.4	49.1	49.3	49.6	49.8	50.2	50.4	51.9
≥ 7000	21.6	38.4	41.4	45.7	48.1	48.8	49.9	50.1	50.2	50.9	51.1	51.3	51.6	52.0	52.2	53.7
≥ 6000	22.1	39.6	42.7	47.1	49.6	50.2	51.3	51.6	51.7	52.3	52.6	52.8	53.0	53.4	53.7	55.1
≥ 5000	23.3	41.0	44.1	48.6	51.1	51.9	53.0	53.2	53.3	54.0	54.2	54.4	54.7	55.2	55.4	56.9
≥ 4500	23.4	41.9	45.1	49.7	52.2	53.1	54.1	54.3	54.4	55.1	55.3	55.6	55.8	56.3	56.6	58.0
≥ 4000	24.1	43.7	47.1	51.7	54.3	55.1	56.2	56.6	56.7	57.3	57.6	57.8	58.0	58.6	58.8	60.2
≥ 3500	24.6	44.6	48.1	52.9	55.7	56.4	57.6	57.9	58.0	58.7	58.9	59.1	59.3	59.9	60.1	61.6
≥ 3000	24.9	45.4	49.1	54.0	56.8	57.7	58.9	59.2	59.3	60.1	60.3	60.6	60.8	61.3	61.6	63.0
≥ 2500	25.4	47.7	51.4	56.8	59.8	60.7	61.9	62.2	62.3	63.1	63.3	63.6	63.8	64.3	64.6	66.1
≥ 2000	26.3	49.4	53.4	59.0	62.2	63.1	64.4	64.8	64.9	65.7	65.9	66.1	66.3	66.9	67.1	68.6
≥ 1800	26.0	50.1	54.2	59.8	63.0	63.9	65.2	65.6	65.7	66.6	66.8	67.0	67.2	67.8	68.1	69.4
≥ 1500	26.6	53.1	57.7	63.7	67.1	68.0	69.4	69.8	69.9	70.8	71.0	71.2	71.4	72.0	72.2	73.7
≥ 1200	27.2	56.7	61.9	68.4	72.2	73.3	74.9	75.2	75.3	76.4	76.7	76.9	77.1	77.7	77.9	79.3
≥ 1000	27.7	58.4	63.7	70.7	74.7	75.8	77.6	77.9	78.0	79.1	79.3	79.6	79.8	80.3	80.6	82.1
≥ 900	27.8	59.9	65.8	72.8	76.9	78.1	80.1	80.4	80.6	81.8	82.0	82.2	82.4	83.0	83.2	84.7
≥ 800	27.8	61.1	67.3	74.4	78.8	80.1	82.2	82.6	82.7	83.9	84.1	84.3	84.6	85.1	85.3	86.8
≥ 700	27.8	61.8	68.2	76.0	80.6	81.9	84.1	85.0	85.1	86.3	86.6	86.8	87.0	87.6	87.8	89.2
≥ 600	27.9	62.6	69.2	77.1	81.7	83.0	85.4	86.3	86.4	87.9	88.2	88.4	88.7	89.2	89.4	90.9
≥ 500	28.0	63.2	70.2	78.2	82.9	84.6	87.4	88.6	88.7	90.1	90.4	90.7	90.9	91.7	91.9	93.3
≥ 400	28.0	63.3	70.4	78.7	83.8	85.8	88.9	90.1	90.2	91.7	92.0	92.2	92.6	93.3	93.6	95.0
≥ 300	28.0	63.3	70.4	78.7	84.3	86.6	90.3	91.8	92.0	93.7	94.1	94.3	94.7	95.4	95.7	97.1
≥ 200	28.0	63.3	70.4	78.7	84.3	86.6	90.4	91.9	92.1	94.0	94.7	94.9	95.8	96.7	97.1	98.8
≥ 100	28.0	63.3	70.4	78.7	84.3	86.6	90.4	91.9	92.1	94.0	94.7	94.9	95.8	96.8	97.7	99.7
≥ 0	28.0	63.3	70.4	78.7	84.3	86.6	90.4	91.9	92.1	94.0	94.7	94.9	95.8	96.8	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.9	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5
≥ 20000	31.9	44.7	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2
≥ 18000	31.9	44.7	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2
≥ 17000	31.9	44.7	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2
≥ 14000	32.3	45.1	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5
≥ 12000	32.7	46.4	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2
≥ 10000	34.7	48.9	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9
≥ 9000	34.7	49.1	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1
≥ 8000	35.6	50.9	51.6	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.1	52.1
≥ 7000	36.4	52.4	53.1	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5
≥ 6000	37.4	53.9	54.6	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2
≥ 5000	38.3	55.7	56.4	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.0	57.0	57.0	57.0	57.0
≥ 4500	38.4	56.4	57.1	57.3	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8
≥ 4000	39.6	59.0	59.7	60.0	60.3	60.3	60.4	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7
≥ 3500	40.3	60.2	61.2	61.4	61.7	61.7	61.8	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2
≥ 3000	40.7	61.1	62.2	63.2	63.7	63.7	63.8	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2
≥ 2500	41.9	64.4	65.6	66.3	66.5	66.5	66.6	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0
≥ 2000	44.5	69.5	70.9	71.3	72.1	72.1	72.2	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5
≥ 1800	45.4	72.0	73.3	73.7	74.6	74.6	74.7	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1
≥ 1500	46.8	76.5	78.2	78.8	79.6	79.6	79.8	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4
≥ 1200	47.8	81.3	83.1	83.9	85.1	85.1	85.4	86.0	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2
≥ 1000	48.6	84.6	87.0	88.1	89.3	89.4	89.8	90.3	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5
≥ 900	48.8	86.0	88.4	89.7	91.2	91.3	91.7	92.2	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4
≥ 800	48.9	86.4	89.0	90.3	92.1	92.2	92.5	93.1	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3
≥ 700	49.1	87.0	89.5	91.0	93.0	93.2	93.5	94.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3
≥ 600	49.1	87.3	90.0	91.8	94.0	94.4	95.3	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2
≥ 500	49.3	87.7	90.5	92.4	94.8	95.4	96.4	97.2	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6
≥ 400	49.3	87.8	90.8	92.7	95.0	96.0	97.4	98.4	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9
≥ 300	49.3	87.8	90.8	92.7	95.0	96.0	97.4	98.6	98.7	98.8	99.1	99.2	99.2	99.4	99.4	99.4
≥ 200	49.3	87.8	90.8	92.7	95.0	96.0	97.4	98.6	98.7	98.8	99.3	99.4	99.6	99.8	99.8	99.8
≥ 100	49.3	87.8	90.8	92.7	95.0	96.0	97.4	98.6	98.7	98.8	99.3	99.4	99.7	99.9	99.9	99.9
≥ 0	49.3	87.8	90.8	92.7	95.0	96.0	97.4	98.6	98.7	98.8	99.3	99.4	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) APP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.4	42.2	42.4	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 20000	41.7	50.4	50.7	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	42.1	50.9	51.1	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 6000	42.1	50.9	51.1	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 14000	42.2	51.0	51.2	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 12000	42.6	52.3	52.6	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000	44.0	53.8	54.0	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 9000	44.1	54.0	54.2	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 8000	45.3	55.9	56.1	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 7000	46.4	57.4	57.7	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 6000	47.1	58.6	58.9	59.6	59.8	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000	48.1	59.6	60.1	60.7	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 4500	48.7	60.2	60.7	61.3	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 4000	50.2	62.4	63.1	63.8	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 3500	51.2	64.3	64.9	65.7	66.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3000	52.9	67.9	68.4	69.2	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 2500	56.6	73.2	74.0	75.0	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2000	58.8	77.1	78.6	79.6	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1800	59.3	79.9	80.8	81.8	82.4	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1500	60.8	83.4	84.9	86.1	87.0	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	61.7	86.8	88.4	90.1	91.2	91.3	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	62.1	88.1	90.0	91.9	93.0	93.1	93.3	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	62.2	88.8	91.9	93.1	94.2	94.3	94.8	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	62.3	89.2	91.3	93.7	94.9	95.1	95.7	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	62.3	89.2	91.4	93.9	95.1	95.4	96.0	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	62.3	89.2	91.6	94.1	95.3	95.8	96.4	96.7	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	62.3	89.2	91.7	94.3	95.9	96.4	97.2	97.4	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	62.3	89.2	91.7	94.3	96.2	97.0	98.0	98.3	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	62.3	89.2	91.7	94.3	96.2	97.0	98.0	98.3	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	62.3	89.2	91.7	94.3	96.2	97.0	98.0	98.3	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	62.3	89.2	91.7	94.3	96.2	97.0	98.0	98.3	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	62.3	89.2	91.7	94.3	96.2	97.0	98.0	98.3	98.7	99.6	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.9	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	46.8	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 18000	46.9	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	47.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	47.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 12000	48.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 10000	49.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 9000	50.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 8000	52.0	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 7000	53.1	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 6000	54.7	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 5000	56.6	67.2	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4500	57.1	67.8	68.1	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4000	58.2	69.6	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3500	59.4	71.3	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000	60.7	74.1	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	62.6	77.6	78.2	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2000	64.2	81.4	82.3	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1800	65.1	83.4	84.4	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	66.1	86.6	87.8	88.6	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	66.6	89.4	90.7	91.9	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	66.9	90.8	92.2	93.6	94.0	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	67.0	91.2	92.9	94.2	94.7	94.8	95.1	95.2	95.2	95.	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	67.1	91.8	93.6	95.0	95.8	95.9	96.3	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	67.2	92.2	94.1	95.7	96.6	96.7	97.1	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	67.2	92.3	94.2	95.9	97.0	97.1	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	67.2	92.6	94.4	96.2	97.4	97.7	98.4	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 400	67.2	92.6	94.4	96.2	97.4	97.7	98.7	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	67.2	92.6	94.4	96.2	97.4	97.7	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	67.2	92.6	94.4	96.2	97.4	97.7	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	67.2	92.6	94.4	96.2	97.4	97.7	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	67.2	92.6	94.4	96.2	97.4	97.7	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906	ELLINGTON AFB TX	69-70,73-80	APR
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.3	46.0	46.9	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	43.0	53.0	54.0	54.3	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 18000	43.1	53.1	54.1	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	43.1	53.1	54.1	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	43.7	54.1	55.1	55.4	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	45.1	55.8	56.8	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	45.9	57.6	58.7	59.1	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	45.9	57.7	58.8	59.2	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 8000	47.0	59.1	60.2	60.7	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 7000	47.2	59.8	60.9	61.4	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 6000	48.3	61.2	62.3	62.9	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 5000	49.6	63.2	64.6	65.1	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	50.2	64.1	65.4	66.0	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4000	51.4	66.0	67.4	68.0	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3500	52.4	67.8	69.2	69.8	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3000	53.3	69.7	71.1	71.8	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 2500	53.9	71.2	72.7	73.3	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2000	55.4	74.8	76.4	77.2	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1800	56.3	76.3	78.2	79.0	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1500	57.3	78.7	81.0	81.8	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1200	58.0	82.0	84.6	85.4	86.3	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	58.8	84.8	87.7	88.8	89.7	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 900	58.8	85.8	88.9	90.2	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 800	58.9	87.2	90.6	92.0	93.1	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	58.9	87.8	91.2	92.9	94.4	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	58.9	88.1	91.6	93.4	95.0	95.2	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	58.9	88.4	91.9	94.3	96.1	96.3	96.9	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	58.9	88.6	92.1	94.8	96.9	97.2	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	58.9	88.6	92.1	95.1	97.2	97.6	98.6	99.0	99.0	99.3	99.3	99.4	99.4	99.6	99.6	99.6
≥ 200	58.9	88.6	92.1	95.1	97.2	97.6	98.6	99.0	99.0	99.3	99.3	99.4	99.4	99.7	99.7	99.7
≥ 100	58.9	88.7	92.2	95.2	97.3	97.7	98.7	99.1	99.1	99.4	99.4	99.6	99.6	99.8	99.8	100.0
≥ 0	58.9	88.7	92.2	95.2	97.3	97.7	98.7	99.1	99.1	99.4	99.4	99.6	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.9	47.3	48.2	48.9	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9
≥ 20000	43.4	50.3	51.2	51.9	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9
≥ 18000	43.4	50.3	51.2	51.9	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9
≥ 16000	43.4	50.3	51.2	51.9	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9
≥ 14000	43.8	50.7	51.6	52.2	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2
≥ 12000	44.5	51.4	52.3	53.0	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0
≥ 10000	45.3	52.9	53.8	54.5	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5	55.5
≥ 9000	45.4	53.0	53.9	54.6	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6
≥ 8000	46.3	54.2	55.1	55.8	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8
≥ 7000	47.7	56.0	56.9	57.6	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 6000	49.1	57.5	58.4	59.0	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0
≥ 5000	50.3	59.1	60.1	60.7	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7
≥ 4500	50.8	60.0	60.9	61.6	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6
≥ 4000	51.6	61.5	62.6	63.4	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4
≥ 3500	52.6	63.1	64.3	65.0	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0
≥ 3000	53.3	64.6	65.8	66.6	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6
≥ 2500	54.1	66.5	67.7	68.5	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5
≥ 2000	55.7	69.2	70.5	71.4	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
≥ 1800	56.9	70.5	71.8	72.7	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7
≥ 1500	57.9	72.7	74.1	74.9	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1
≥ 1200	59.7	75.8	77.3	78.1	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2
≥ 1000	60.4	78.6	80.0	81.0	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1
≥ 900	61.2	81.6	83.1	84.2	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3
≥ 800	61.9	84.2	86.0	87.2	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 700	62.4	86.9	88.8	90.0	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3
≥ 600	62.5	87.4	89.6	91.0	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.4	92.4
≥ 500	62.5	89.1	92.1	93.8	94.9	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.4	95.4
≥ 400	62.6	89.2	92.4	94.9	96.3	96.7	96.8	96.9	96.9	97.2	97.2	97.2	97.3	97.3	97.4	97.4
≥ 300	62.6	89.3	92.7	95.3	96.8	97.2	97.6	97.8	97.9	98.4	98.4	98.4	98.6	98.6	98.7	98.7
≥ 200	62.6	89.3	92.7	95.3	97.0	97.4	97.8	98.0	98.2	98.8	99.0	99.1	99.2	99.2	99.3	99.3
≥ 100	62.6	89.3	92.7	95.3	97.0	97.4	97.9	98.1	98.3	98.9	99.1	99.2	99.6	99.8	100.0	100.0
≥ 0	62.6	89.3	92.7	95.3	97.0	97.4	97.9	98.1	98.3	98.9	99.1	99.2	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906	ELLINGTON AFB TX	69-70,73-80	APR
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.8	40.8	41.8	42.6	43.1	43.3	43.4	43.6	43.6	43.6	43.7	43.8	43.9	44.0	44.1	44.5
≥ 20000	36.6	46.0	47.0	48.0	48.5	48.7	48.9	49.0	49.0	49.1	49.2	49.3	49.4	49.5	49.6	50.0
≥ 18000	36.7	46.0	47.1	48.0	48.6	48.8	49.0	49.1	49.1	49.2	49.3	49.3	49.5	49.6	49.7	50.1
≥ 16000	36.7	46.1	47.2	48.1	48.7	48.9	49.0	49.2	49.2	49.3	49.4	49.4	49.6	49.7	49.8	50.2
≥ 14000	36.9	46.4	47.5	48.4	49.0	49.1	49.3	49.5	49.5	49.6	49.7	49.7	49.9	50.0	50.1	50.5
≥ 12000	37.6	47.5	48.6	49.5	50.1	50.3	50.5	50.6	50.6	50.7	50.8	50.9	51.0	51.1	51.2	51.6
≥ 10000	38.8	49.2	50.4	51.4	52.0	52.1	52.4	52.5	52.5	52.7	52.8	52.8	53.0	53.1	53.2	53.6
≥ 9000	38.9	49.5	50.6	51.6	52.3	52.4	52.6	52.8	52.8	52.9	53.0	53.1	53.2	53.4	53.5	53.9
≥ 8000	40.0	51.0	52.2	53.2	53.9	54.0	54.2	54.4	54.4	54.6	54.7	54.7	54.9	55.0	55.1	55.6
≥ 7000	40.9	52.4	53.6	54.6	55.3	55.5	55.7	55.8	55.9	56.0	56.1	56.2	56.3	56.4	56.6	57.0
≥ 6000	41.9	53.8	55.0	56.1	56.8	57.0	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.1	58.5
≥ 5000	43.1	55.6	56.8	58.0	58.8	58.9	59.1	59.3	59.3	59.5	59.6	59.6	59.8	59.9	60.1	60.5
≥ 4500	43.8	56.3	57.6	58.8	59.6	59.7	59.9	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.9	61.3
≥ 4000	44.7	58.1	59.5	60.7	61.6	61.7	61.9	62.1	62.2	62.3	62.4	62.5	62.6	62.6	62.9	63.3
≥ 3500	45.5	59.4	60.9	62.1	63.0	63.2	63.4	63.6	63.6	63.8	63.9	63.9	64.1	64.2	64.3	64.8
≥ 3000	46.3	61.2	62.8	64.1	65.0	65.2	65.5	65.6	65.7	65.8	65.9	66.0	66.1	66.3	66.4	66.8
≥ 2500	47.6	63.8	65.4	66.9	67.8	68.0	68.3	68.4	68.5	68.7	68.8	68.8	68.9	69.1	69.2	69.7
≥ 2000	49.5	67.5	69.2	70.8	71.8	72.0	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.1	73.2	73.6
≥ 1800	50.1	69.0	70.8	72.4	73.4	73.6	73.9	74.1	74.1	74.3	74.4	74.4	74.6	74.7	74.9	75.3
≥ 1500	51.4	72.0	74.1	75.8	77.0	77.2	77.5	77.7	77.8	77.9	78.0	78.1	78.2	78.4	78.5	78.9
≥ 1200	52.6	75.7	77.9	79.9	81.2	81.4	81.8	82.1	82.1	82.3	82.5	82.5	82.6	82.8	82.9	83.4
≥ 1000	53.3	78.2	80.6	82.7	84.1	84.4	84.8	85.1	85.2	85.4	85.5	85.6	85.7	85.9	86.0	86.4
≥ 900	53.6	79.8	82.5	84.7	86.2	86.5	87.0	87.2	87.3	87.5	87.6	87.7	87.9	88.0	88.1	88.6
≥ 800	53.9	81.2	84.1	86.4	88.0	88.3	88.9	89.1	89.2	89.5	89.6	89.7	89.8	90.0	90.1	90.5
≥ 700	54.1	82.4	85.4	88.0	89.7	90.0	90.6	91.0	91.1	91.4	91.5	91.6	91.7	91.9	92.0	92.4
≥ 600	54.2	83.0	86.1	88.8	90.6	91.0	91.8	92.2	92.2	92.6	92.8	92.8	93.0	93.1	93.3	93.7
≥ 500	54.2	83.6	87.1	90.1	92.1	92.6	93.5	94.0	94.1	94.5	94.7	94.7	94.9	95.1	95.2	95.7
≥ 400	54.2	83.9	87.5	90.8	93.1	93.7	94.9	95.5	95.5	96.1	96.2	96.3	96.5	96.7	96.8	97.2
≥ 300	54.2	83.9	87.6	91.1	93.4	94.1	95.4	96.1	96.3	97.0	97.2	97.3	97.5	97.7	97.9	98.4
≥ 200	54.2	83.9	87.6	91.1	93.5	94.2	95.5	96.3	96.5	97.3	97.6	97.8	98.1	98.4	98.6	99.1
≥ 100	54.2	83.9	87.6	91.1	93.5	94.2	95.6	96.3	96.6	97.4	97.7	97.9	98.3	98.8	99.1	99.5
≥ 0	54.2	83.9	87.6	91.1	93.5	94.2	95.6	96.3	96.6	97.4	97.7	97.9	98.3	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

13[illegible]6	ELLINGTON AFB TX	69-70,73-80	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

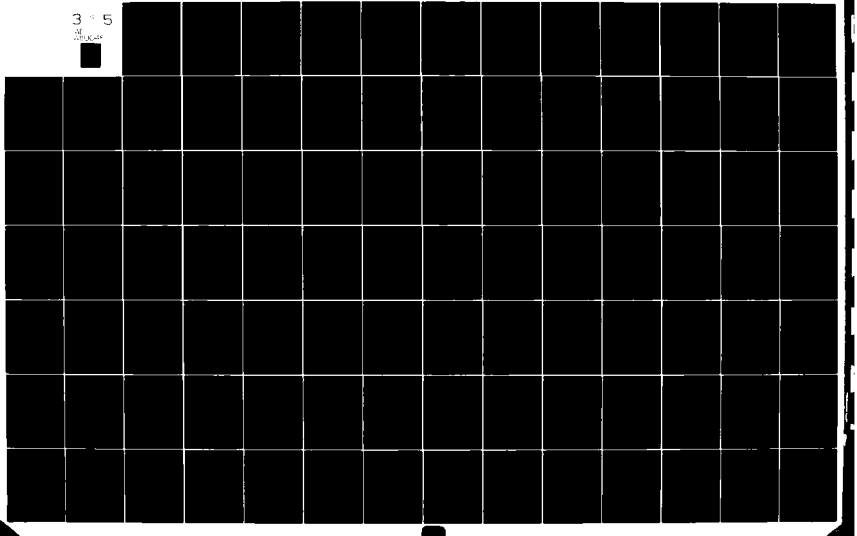
0000-0259
HOURS (L.S.T.)

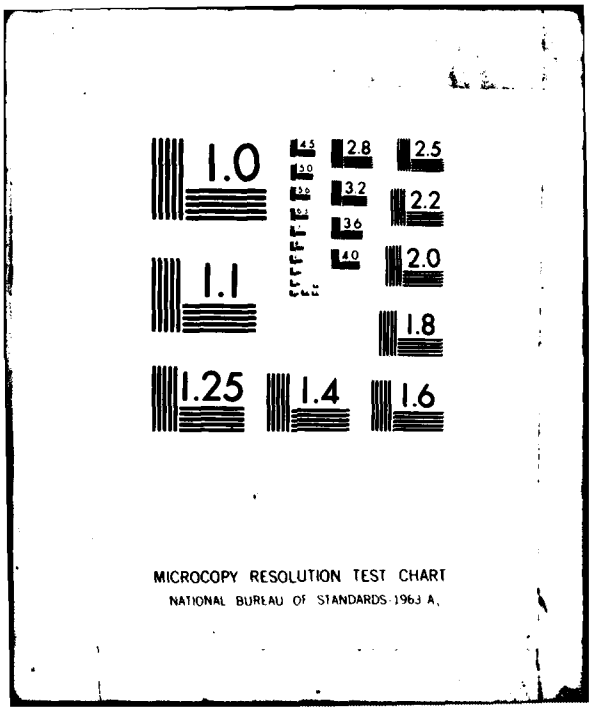
CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.4	56.1	57.2	58.5	59.2	59.2	59.7	59.7	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.
≥ 20000	46.7	62.7	63.8	65.1	65.9	65.9	66.5	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.
≥ 18000	46.7	62.7	63.8	65.1	65.9	65.9	66.5	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.
≥ 6000	46.7	62.7	63.8	65.1	65.9	65.9	66.5	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.
≥ 14000	47.0	63.0	64.1	65.4	66.2	66.2	66.8	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.
≥ 12000	47.6	63.7	64.8	66.2	67.1	67.1	67.6	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	68.
≥ 10000	50.8	67.3	68.5	70.1	71.2	71.0	71.6	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.
≥ 9000	51.1	67.6	68.8	70.4	71.3	71.3	71.9	72.0	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.
≥ 8000	53.1	69.8	71.1	72.8	73.7	73.7	74.4	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.
≥ 7000	53.5	70.3	71.6	73.3	74.2	74.2	74.9	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.
≥ 6000	54.1	70.9	72.3	73.9	74.7	74.7	75.5	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.
≥ 5000	54.3	71.7	73.0	74.7	75.6	75.7	76.5	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	77.
≥ 4500	54.9	72.0	73.3	75.1	75.9	76.0	76.8	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.
≥ 4000	56.2	74.1	75.5	77.2	78.1	78.2	78.9	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.
≥ 3500	56.6	74.6	76.0	77.8	78.7	78.8	79.6	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.
≥ 3000	57.0	75.8	77.2	79.1	80.0	80.1	80.9	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.
≥ 2500	57.5	76.3	77.7	79.9	80.8	80.9	81.6	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.
≥ 2000	58.8	78.3	79.8	81.9	82.8	82.9	83.7	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.
≥ 1800	59.4	79.2	80.8	82.9	83.8	83.9	84.6	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.
≥ 1500	61.9	82.3	83.9	86.0	87.0	87.1	87.8	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.
≥ 1200	63.3	86.5	88.3	90.4	91.4	91.5	92.3	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.
≥ 1000	63.3	87.3	89.2	91.4	92.5	92.6	93.3	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.
≥ 900	63.7	88.7	90.6	92.8	93.9	94.0	94.7	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.
≥ 800	63.7	89.5	91.4	93.5	94.6	94.7	95.5	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.
≥ 700	63.8	90.4	92.5	94.6	95.7	95.8	96.6	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.
≥ 600	63.8	90.5	92.6	94.7	95.8	95.9	96.7	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.
≥ 500	63.8	91.3	93.5	95.9	97.1	97.2	98.0	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.
≥ 400	63.8	91.4	93.7	96.1	97.3	97.4	98.2	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.
≥ 300	63.8	91.4	93.7	96.2	97.4	97.5	98.6	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.
≥ 200	63.8	91.4	93.7	96.2	97.4	97.5	98.6	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.7	99.
≥ 100	63.8	91.4	93.7	96.2	97.4	97.5	98.6	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.81	0.
≥ 0	63.8	91.4	93.7	96.2	97.4	97.5	98.6	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.81	0.

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AD-A110 045 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ELLINGTON AFB, HOUSTON, TEXAS REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
AUG 81
UNCLASSIFIED USAFETAC/DS-81/087 SBI-AD-E850 118 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963 A.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.1	48.4	51.5	54.5	56.9	57.3	58.0	58.2	58.3	58.6	58.6	58.7	58.9	58.9	59.1	59.7
≥ 20000	35.3	52.5	55.9	59.1	61.6	62.0	62.7	62.9	63.0	63.3	63.4	63.5	63.8	63.8	64.0	64.5
≥ 18000	35.3	52.5	55.9	59.1	61.6	62.0	62.7	62.9	63.0	63.3	63.4	63.5	63.8	63.8	64.0	64.5
≥ 16000	35.3	52.5	55.9	59.1	61.6	62.0	62.7	62.9	63.0	63.3	63.4	63.5	63.8	63.8	64.0	64.5
≥ 14000	35.8	53.0	56.5	59.7	62.2	62.6	63.2	63.4	63.5	63.9	64.0	64.1	64.3	64.3	64.5	65.1
≥ 12000	36.0	53.3	56.9	60.1	62.6	63.0	63.7	63.9	64.0	64.3	64.4	64.5	64.7	64.7	64.9	65.5
≥ 10000	38.6	56.6	60.4	63.8	66.3	67.0	67.7	68.1	68.2	68.5	68.6	68.7	68.9	68.9	69.1	69.7
≥ 9000	39.2	57.4	61.3	64.6	67.2	67.8	68.6	68.9	69.0	69.4	69.5	69.6	69.8	69.8	70.0	70.5
≥ 8000	41.0	59.8	63.7	67.0	69.6	70.2	71.1	71.4	71.5	71.8	71.9	72.0	72.3	72.3	72.5	73.0
≥ 7000	41.3	60.3	64.2	67.6	70.2	70.9	71.7	72.0	72.2	72.5	72.6	72.7	72.9	72.9	73.1	73.7
≥ 6000	41.7	60.8	64.6	68.1	70.6	71.3	72.2	72.5	72.6	72.9	73.0	73.1	73.3	73.3	73.5	74.1
≥ 5000	42.5	61.7	65.6	69.0	71.6	72.3	73.1	73.4	73.5	73.9	74.0	74.1	74.3	74.3	74.5	75.1
≥ 4500	42.6	62.0	65.9	69.5	72.0	72.7	73.5	73.9	74.0	74.3	74.4	74.5	74.7	74.7	74.9	75.5
≥ 4000	43.1	63.0	66.9	70.5	73.1	73.8	74.6	74.9	75.1	75.4	75.5	75.6	75.8	75.8	76.0	76.6
≥ 3500	43.3	63.8	67.6	71.3	74.1	74.7	75.8	76.1	76.2	76.7	76.8	76.9	77.1	77.1	77.3	77.8
≥ 3000	43.5	64.8	68.8	72.6	75.4	76.0	77.1	77.4	77.5	78.0	78.1	78.2	78.4	78.4	78.6	79.1
≥ 2500	44.2	66.1	70.1	73.9	76.7	77.3	78.4	78.7	78.8	79.2	79.4	79.5	79.7	79.7	79.9	80.4
≥ 2000	45.9	69.2	73.3	77.1	79.9	80.5	81.6	81.9	82.0	82.5	82.6	82.7	82.9	82.9	83.1	83.7
≥ 1800	46.1	69.8	73.9	77.7	80.5	81.2	82.3	82.6	82.7	83.1	83.2	83.3	83.5	83.5	83.8	84.3
≥ 1500	48.0	7 .7	76.8	81.0	83.8	84.4	85.5	85.8	85.9	86.3	86.5	86.6	86.8	86.8	87.0	87.5
≥ 1200	49.0	76.1	80.4	84.8	87.6	88.3	89.4	89.7	89.8	90.2	90.4	90.5	90.8	90.8	91.0	91.5
≥ 1000	49.7	78.1	82.4	86.9	89.7	90.3	91.4	91.7	91.8	92.3	92.5	92.6	92.8	92.8	93.0	93.5
≥ 900	50.0	79.1	83.8	88.5	91.3	91.9	93.0	93.3	93.4	93.9	94.1	94.2	94.4	94.4	94.6	95.2
≥ 800	50.1	80.0	84.6	89.4	92.2	92.8	93.9	94.2	94.3	94.7	94.9	95.1	95.3	95.3	95.5	96.0
≥ 700	50.1	81.1	85.8	90.5	93.3	94.0	95.2	95.6	95.7	96.1	96.5	96.6	96.8	96.8	97.0	97.5
≥ 600	50.1	81.2	85.9	90.8	93.5	94.2	95.4	95.8	95.9	96.3	96.7	96.8	97.0	97.0	97.2	97.7
≥ 500	50.1	81.4	86.1	91.0	93.9	94.5	95.8	96.2	96.3	96.8	97.1	97.2	97.4	97.4	97.6	98.2
≥ 400	50.1	81.5	86.3	91.2	94.1	94.7	96.0	96.6	96.7	97.1	97.4	97.5	97.7	97.7	98.0	98.5
≥ 300	50.1	81.6	86.5	91.3	94.2	94.8	96.3	96.9	97.0	97.4	97.7	97.8	98.1	98.1	98.3	98.8
≥ 200	50.1	81.6	86.5	91.3	94.2	94.8	96.3	96.9	97.0	97.5	97.8	98.0	98.3	98.3	98.6	99.5
≥ 100	50.1	81.6	86.5	91.3	94.2	94.8	96.3	96.9	97.0	97.5	97.8	98.0	98.4	98.4	98.9	99.9
≥ 0	50.1	81.6	86.5	91.3	94.2	94.8	96.3	96.9	97.0	97.5	97.8	98.0	98.4	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12976 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.8	33.5	36.9	40.3	44.2	46.2	48.6	49.8	49.9	50.4	50.9	51.0	51.0	51.0	51.1	51.2
≥ 20000	20.3	39.5	43.3	47.1	51.1	53.1	55.5	56.7	56.8	57.3	57.7	57.8	57.8	58.0	58.1	58.3
≥ 18000	20.5	39.7	43.5	47.3	51.3	53.3	55.7	56.9	57.0	57.5	58.0	58.1	58.1	58.2	58.3	58.5
≥ 16000	20.5	39.7	43.5	47.4	51.4	53.4	55.8	57.0	57.1	57.6	58.1	58.2	58.2	58.3	58.4	58.6
≥ 14000	21.2	40.4	44.6	48.5	52.5	54.5	56.9	58.1	58.2	58.7	59.1	59.2	59.2	59.4	59.5	59.7
≥ 12000	21.6	41.5	45.8	49.7	53.7	55.7	58.2	59.4	59.5	60.0	60.4	60.5	60.5	60.6	60.8	61.0
≥ 10000	22.5	43.8	48.2	52.4	56.7	59.0	61.7	63.1	63.3	64.0	64.4	64.5	64.5	64.6	64.7	64.9
≥ 9000	23.0	44.7	49.2	53.4	57.7	60.1	62.8	64.2	64.4	65.1	65.5	65.6	65.6	65.7	65.8	66.0
≥ 8000	23.7	46.0	50.6	55.1	59.4	61.7	64.5	65.9	66.1	66.8	67.2	67.3	67.3	67.4	67.5	67.8
≥ 7000	24.1	46.8	51.5	55.9	60.2	62.6	65.4	66.8	67.0	67.6	68.1	68.2	68.2	68.3	68.4	68.7
≥ 6000	24.3	47.4	52.5	56.9	61.2	63.5	66.5	68.2	68.4	69.0	69.5	69.6	69.6	69.7	69.8	70.2
≥ 5000	24.6	48.9	54.0	58.4	62.7	65.1	68.0	69.8	70.0	70.6	71.1	71.2	71.2	71.3	71.4	71.8
≥ 4500	24.7	49.2	54.4	58.9	63.2	65.7	68.6	70.4	70.6	71.3	71.7	71.8	71.8	71.9	72.0	72.5
≥ 4000	24.9	50.5	55.8	60.5	65.1	67.5	70.4	72.3	72.5	73.1	73.5	73.7	73.8	73.9	74.0	74.4
≥ 3500	25.5	51.5	56.9	61.7	66.2	68.7	71.6	73.4	73.7	74.3	74.7	74.8	74.9	75.1	75.2	75.6
≥ 3000	25.9	53.2	58.8	64.2	69.1	71.6	74.8	76.7	76.9	77.5	78.0	78.1	78.2	78.3	78.4	78.8
≥ 2500	26.1	54.0	59.6	65.4	70.4	72.9	76.1	78.0	78.2	78.8	79.2	79.4	79.5	79.6	79.7	80.1
≥ 2000	26.7	55.5	61.4	67.4	73.1	75.6	78.8	80.6	80.9	81.5	81.9	82.0	82.2	82.3	82.4	82.8
≥ 1800	26.9	56.0	61.9	68.0	73.7	76.1	79.4	81.2	81.4	82.2	82.6	82.7	82.8	82.9	83.0	83.4
≥ 1500	28.5	59.7	65.6	71.7	77.4	79.9	83.2	85.1	85.3	86.0	86.5	86.6	86.7	86.8	86.9	87.3
≥ 1200	29.5	62.5	68.6	74.9	80.9	83.4	86.8	88.6	88.8	89.6	90.0	90.1	90.2	90.3	90.4	90.9
≥ 1000	30.2	64.0	70.4	76.9	83.1	85.7	89.0	91.0	91.2	91.9	92.4	92.5	92.6	92.7	92.8	93.2
≥ 900	30.3	64.5	71.4	78.1	84.3	86.9	90.2	92.2	92.4	93.1	93.5	93.7	93.8	93.9	94.0	94.4
≥ 800	30.6	65.2	72.3	79.4	85.8	88.6	91.9	93.9	94.1	94.8	95.3	95.4	95.5	95.6	95.7	96.1
≥ 700	30.9	65.8	73.2	80.4	86.9	89.7	93.0	94.9	95.2	95.9	96.3	96.5	96.6	96.7	96.8	97.2
≥ 600	30.9	65.8	73.3	80.5	87.0	89.8	93.1	95.1	95.3	96.0	96.5	96.6	96.7	96.8	96.9	97.3
≥ 500	30.9	65.9	73.5	81.2	87.7	90.5	93.9	95.8	96.0	96.8	97.3	97.5	97.6	97.7	97.8	98.3
≥ 400	30.9	65.9	73.5	81.4	88.0	90.9	94.2	96.1	96.3	97.1	97.6	97.8	98.0	98.1	98.2	98.6
≥ 300	30.9	65.9	73.5	81.4	88.0	90.9	94.2	96.1	96.3	97.1	97.7	98.0	98.1	98.2	98.3	98.7
≥ 200	30.9	65.9	73.5	81.4	88.0	90.9	94.2	96.1	96.3	97.2	98.0	98.2	98.4	98.6	98.9	99.5
≥ 100	30.9	65.9	73.5	81.4	88.0	90.9	94.2	96.1	96.3	97.2	98.1	98.3	98.5	98.9	99.4	100.0
≥ 0	30.9	65.9	73.5	81.4	88.0	90.9	94.2	96.1	96.3	97.2	98.1	98.3	98.5	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 931

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906	ELLINGTON AFB TX	69-70,73-80	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.1	46.5	47.3	47.8	48.3	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	39.2	55.3	56.5	57.2	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	39.4	55.5	56.7	57.4	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 16000	39.4	55.5	56.7	57.4	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	39.5	55.7	56.9	57.6	58.2	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	40.2	57.4	58.6	59.4	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 10000	41.5	59.9	61.1	61.8	62.6	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1
≥ 9000	41.8	60.5	61.7	62.5	63.2	63.3	63.5	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8
≥ 8000	42.7	62.3	63.4	64.2	65.1	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6
≥ 7000	43.4	63.3	64.6	65.4	66.2	66.3	66.6	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8
≥ 6000	43.8	64.0	65.4	66.1	67.1	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6
≥ 5000	45.2	65.8	67.2	68.0	68.9	69.0	69.2	69.2	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5
≥ 4500	46.2	67.5	69.0	69.8	70.8	70.9	71.1	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4
≥ 4000	46.7	69.4	71.0	72.0	73.3	73.4	73.7	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 3500	47.2	70.3	71.9	73.0	74.3	74.5	74.7	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1
≥ 3000	48.3	72.7	74.5	75.6	76.9	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6
≥ 2500	50.1	76.0	77.8	78.9	80.2	80.4	80.6	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 2000	52.3	80.3	82.6	83.7	84.9	85.2	85.4	85.6	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9
≥ 1800	53.0	81.4	83.7	84.7	86.0	86.2	86.5	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0
≥ 1500	53.9	84.8	87.1	88.3	89.6	89.8	90.1	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.6
≥ 1200	55.2	89.2	91.7	93.4	95.1	95.3	95.6	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1000	55.2	89.8	92.3	94.1	95.9	96.1	96.5	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0
≥ 900	55.3	89.9	92.4	94.3	96.1	96.5	97.0	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5
≥ 800	55.4	90.4	93.2	95.2	97.1	97.5	98.1	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 700	55.4	90.5	93.3	95.4	97.4	97.8	98.4	98.6	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 600	55.4	90.9	93.7	95.7	97.7	98.2	98.8	99.0	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	55.4	90.9	93.7	95.7	97.8	98.3	98.9	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	55.4	90.9	93.7	95.7	97.8	98.3	98.9	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	55.4	90.9	93.7	95.7	97.8	98.3	98.9	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	55.4	90.9	93.7	95.7	97.8	98.3	98.9	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	55.4	90.9	93.7	95.7	97.8	98.3	98.9	99.1	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	55.4	90.9	93.7	95.7	97.8	98.3	98.9	99.1	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.6	48.6	49.2	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	46.3	59.0	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	46.9	59.1	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 16000	46.5	59.1	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	46.9	59.8	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	47.7	60.8	61.6	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	50.9	64.7	65.6	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 9000	50.9	65.3	66.1	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	51.9	67.0	68.0	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	52.4	67.7	68.7	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 6000	52.6	68.0	69.1	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 5000	53.9	69.6	70.8	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	54.3	70.6	71.8	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4000	55.7	72.8	74.0	74.8	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	56.5	74.1	75.4	76.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3000	59.9	79.9	81.4	82.6	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	62.7	85.3	86.9	88.2	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	64.5	88.1	89.8	91.2	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	65.3	89.0	90.8	92.2	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	66.1	90.9	92.7	94.2	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	66.1	92.3	94.3	95.9	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1000	66.2	93.8	96.0	97.6	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 900	66.3	94.0	96.2	98.0	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 800	66.3	94.1	96.3	98.1	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 700	66.3	94.1	96.3	98.1	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 600	66.3	94.1	96.3	98.1	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 500	66.5	94.2	96.5	98.2	99.0	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	66.5	94.2	96.5	98.2	99.1	99.1	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	66.5	94.2	96.5	98.2	99.1	99.1	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	66.5	94.2	96.5	98.2	99.1	99.1	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	66.5	94.2	96.5	98.2	99.1	99.1	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	66.5	94.2	96.5	98.2	99.1	99.1	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 60 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.6	52.7	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	53.9	64.4	64.8	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
≥ 18000	53.9	64.4	64.8	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
≥ 16000	53.9	64.4	64.8	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
≥ 14000	54.2	64.9	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000	55.8	67.0	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	59.0	71.5	72.0	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 9000	59.6	72.4	72.9	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	60.3	73.8	74.4	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	60.8	74.3	74.9	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000	61.4	75.8	76.5	76.7	76.7	76.7	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 5000	62.2	77.1	77.7	78.0	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	62.4	77.6	78.4	78.7	78.7	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	63.8	79.7	80.6	81.0	81.0	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	65.3	82.3	83.3	83.8	83.8	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	66.8	85.5	86.8	87.3	87.3	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500	68.4	87.5	89.0	89.8	90.0	90.1	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	69.7	89.5	91.2	92.0	92.4	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	70.4	90.4	92.2	93.0	93.3	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	71.0	91.4	93.3	94.2	94.5	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	71.3	93.2	95.2	96.0	96.6	96.9	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	71.4	93.5	95.7	96.8	97.4	97.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	71.4	93.7	95.8	96.9	97.5	98.1	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	71.4	93.8	96.0	97.1	97.7	98.3	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	71.4	93.9	96.1	97.2	97.8	98.4	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	71.4	94.0	96.2	97.3	98.0	98.5	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	71.4	94.0	96.2	97.3	98.0	98.6	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	71.4	94.0	96.2	97.3	98.0	98.6	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	71.4	94.0	96.2	97.3	98.0	98.6	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	71.4	94.0	96.2	97.3	98.0	98.6	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	71.4	94.0	96.2	97.3	98.0	98.6	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	71.4	94.0	96.2	97.3	98.0	98.6	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.0	58.9	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	56.9	70.4	71.3	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000	56.9	70.4	71.3	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 16000	56.9	70.4	71.3	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 14000	56.9	70.8	71.7	71.8	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000	57.4	71.6	72.4	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	60.3	75.3	76.4	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	60.5	75.9	77.1	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	61.7	77.5	78.8	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	62.0	78.1	79.4	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	62.8	79.2	80.5	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000	63.3	80.1	81.4	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	63.5	80.5	81.8	82.1	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	64.8	82.1	83.4	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	65.1	83.3	84.7	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	65.7	85.1	86.5	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
≥ 2500	66.1	85.9	87.3	87.9	88.1	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	67.4	88.3	90.0	90.7	90.9	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	68.2	89.3	91.1	91.8	91.9	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	69.0	90.3	92.0	92.9	93.0	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	69.5	92.4	94.2	95.3	95.4	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	69.5	92.5	94.4	95.7	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	69.5	92.8	94.8	96.3	96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	69.6	93.6	96.0	97.5	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	69.6	94.0	96.6	98.2	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	69.6	94.0	96.7	98.4	98.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	69.6	94.1	96.8	98.7	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	69.6	94.1	96.9	98.8	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	69.6	94.1	96.9	98.8	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.6	94.1	96.9	98.8	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.6	94.1	96.9	98.8	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.6	94.1	96.9	98.8	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.9	62.7	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	60.5	72.6	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	60.5	72.6	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	60.5	72.6	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 14000	60.5	72.6	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 12000	61.0	73.0	73.4	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
≥ 10000	64.1	76.8	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	64.3	77.0	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	65.8	78.6	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	66.1	79.0	79.5	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
≥ 6000	66.6	79.5	79.9	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
≥ 5000	68.3	81.1	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	68.4	81.8	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	69.2	83.0	83.5	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
≥ 3500	70.0	84.4	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	71.0	86.3	86.9	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
≥ 2500	71.4	87.3	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	72.9	89.8	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	73.5	90.5	91.1	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
≥ 1500	74.3	91.7	92.3	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
≥ 1200	75.2	93.1	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	75.5	94.4	95.2	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
≥ 900	75.6	95.1	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	75.7	95.9	96.7	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
≥ 700	75.8	96.5	97.2	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
≥ 600	75.8	97.1	97.8	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	75.9	97.6	98.5	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	75.9	97.6	98.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	75.9	97.6	98.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	75.9	97.6	98.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.9	97.6	98.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.9	97.6	98.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.1	50.9	52.2	53.3	54.3	54.6	55.1	55.2	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.6
≥ 20000	44.9	59.5	61.0	62.3	63.3	63.6	64.1	64.3	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.7
≥ 18000	45.0	59.6	61.1	62.3	63.3	63.7	64.2	64.3	64.4	64.5	64.6	64.6	64.6	64.6	64.7	64.8
≥ 16000	45.0	59.6	61.1	62.3	63.4	63.7	64.2	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.7	64.8
≥ 14000	45.2	60.0	61.6	62.8	63.8	64.2	64.6	64.8	64.8	65.0	65.0	65.1	65.1	65.1	65.2	65.3
≥ 12000	45.9	61.0	62.6	63.9	64.9	65.3	65.7	65.9	65.9	66.1	66.2	66.2	66.2	66.2	66.3	66.4
≥ 10000	48.4	64.5	66.2	67.6	68.7	69.1	69.6	69.8	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.3
≥ 9000	48.8	65.1	66.8	68.2	69.3	69.7	70.3	70.5	70.5	70.7	70.8	70.8	70.8	70.8	70.9	71.0
≥ 8000	50.0	66.8	68.6	70.1	71.2	71.6	72.2	72.4	72.5	72.6	72.7	72.7	72.8	72.8	72.8	72.9
≥ 7000	50.5	67.5	69.3	70.8	71.9	72.3	72.9	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.6
≥ 6000	50.9	68.2	70.1	71.6	72.7	73.1	73.7	74.0	74.0	74.2	74.3	74.3	74.3	74.4	74.4	74.5
≥ 5000	51.8	69.5	71.4	72.9	74.0	74.4	75.0	75.3	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.9
≥ 4500	52.1	70.2	72.1	73.7	74.8	75.2	75.8	76.2	76.2	76.4	76.4	76.5	76.5	76.5	76.6	76.7
≥ 4000	53.1	71.8	73.8	75.5	76.7	77.1	77.8	78.1	78.1	78.3	78.4	78.4	78.4	78.5	78.5	78.6
≥ 3500	53.7	73.0	75.1	76.8	78.1	78.5	79.2	79.5	79.5	79.7	79.8	79.8	79.9	79.9	79.9	80.1
≥ 3000	54.3	75.4	77.6	79.5	80.8	81.3	82.0	82.3	82.3	82.5	82.6	82.6	82.7	82.7	82.7	82.8
≥ 2500	55.8	77.3	79.5	81.5	82.9	83.4	84.1	84.4	84.5	84.6	84.7	84.8	84.8	84.8	84.9	85.0
≥ 2000	57.3	79.9	82.3	84.4	85.8	86.3	87.0	87.4	87.4	87.6	87.7	87.7	87.8	87.8	87.8	88.0
≥ 1800	57.9	80.7	83.2	85.2	86.7	87.2	87.9	88.3	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.9
≥ 1500	59.0	83.0	85.5	87.6	89.1	89.6	90.4	90.7	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.3
≥ 1200	59.9	85.1	88.3	90.6	92.2	92.8	93.5	93.9	93.9	94.1	94.2	94.3	94.3	94.3	94.4	94.5
≥ 1000	60.1	86.7	89.4	91.9	93.6	94.1	94.8	95.2	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.9
≥ 900	60.3	87.2	90.1	92.7	94.4	94.9	95.7	96.1	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.7
≥ 800	60.4	87.8	90.8	93.4	95.2	95.8	96.6	97.0	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.7
≥ 700	60.4	88.3	91.4	94.1	95.8	96.5	97.3	97.7	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.4
≥ 600	60.4	88.4	91.6	94.3	96.1	96.7	97.5	97.9	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.6
≥ 500	60.4	88.7	91.9	94.7	96.5	97.2	98.0	98.5	98.5	98.8	98.9	99.0	99.0	99.0	99.1	99.2
≥ 400	60.4	88.7	91.9	94.8	96.6	97.3	98.2	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.3	99.4
≥ 300	60.4	88.7	91.9	94.8	96.7	97.3	98.3	98.8	98.8	99.1	99.3	99.3	99.4	99.4	99.5	99.6
≥ 200	60.4	88.7	91.9	94.8	96.7	97.3	98.3	98.8	98.9	99.2	99.4	99.4	99.5	99.5	99.6	99.8
≥ 100	60.4	88.7	91.9	94.8	96.7	97.3	98.3	98.8	98.9	99.2	99.4	99.4	99.5	99.6	99.7	100.0
≥ 0	60.4	88.7	91.9	94.8	96.7	97.3	98.3	98.8	98.9	99.2	99.4	99.4	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.7	77.7	78.0	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 20000	69.8	81.2	81.6	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 18000	69.8	81.2	81.6	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 16000	69.8	81.2	81.6	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	70.8	82.3	82.7	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 12000	72.3	84.2	84.6	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
≥ 10000	74.8	87.1	87.6	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	75.2	87.6	88.0	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
≥ 8000	76.4	89.0	89.4	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	77.3	89.9	90.3	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
≥ 6000	77.3	89.9	90.3	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
≥ 5000	78.2	90.8	91.2	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	78.6	91.2	91.7	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	79.0	91.7	92.1	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
≥ 3500	79.1	91.9	92.3	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	79.7	92.8	93.2	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
≥ 2500	80.7	93.9	94.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	81.8	95.1	95.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	82.1	95.4	95.9	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
≥ 1500	83.3	96.9	97.3	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
≥ 1200	83.9	97.6	98.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	84.2	98.0	98.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	84.3	98.1	98.6	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
≥ 800	84.3	98.1	98.6	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
≥ 700	84.3	98.1	98.6	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
≥ 600	84.3	98.1	98.6	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
≥ 500	84.4	98.2	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	84.4	98.2	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	84.4	98.2	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.4	98.2	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.4	98.2	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.4	98.2	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906	ELLINGTON AFB TX	69-70,73-80	JUN	0300-0500
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.2	69.9	71.9	74.0	75.1	75.2	75.4	75.6	75.6	75.7	75.8	75.8	76.0	76.0	76.0	76.1
≥ 20000	56.3	74.7	76.7	79.2	80.3	80.4	80.7	80.8	80.8	80.9	81.0	81.0	81.2	81.2	81.2	81.3
≥ 18000	56.3	74.7	76.7	79.2	80.3	80.4	80.7	80.8	80.8	80.9	81.0	81.0	81.2	81.2	81.2	81.3
≥ 16000	56.3	74.7	76.7	79.2	80.3	80.4	80.7	80.8	80.8	80.9	81.0	81.0	81.2	81.2	81.2	81.3
≥ 14000	56.6	74.9	76.9	79.4	80.6	80.7	80.9	81.0	81.0	81.1	81.2	81.2	81.4	81.4	81.4	81.6
≥ 12000	58.2	77.6	79.6	82.1	83.2	83.3	83.6	83.7	83.7	83.8	83.9	83.9	84.1	84.1	84.1	84.2
≥ 10000	59.3	78.8	80.9	83.7	84.8	84.9	85.1	85.2	85.2	85.3	85.4	85.4	85.7	85.7	85.7	85.8
≥ 9000	60.2	79.8	81.9	84.7	85.8	85.9	86.1	86.2	86.2	86.3	86.4	86.4	86.7	86.7	86.7	86.8
≥ 8000	60.7	80.6	82.7	85.4	86.6	86.9	87.1	87.2	87.2	87.3	87.4	87.4	87.7	87.7	87.7	87.8
≥ 7000	62.2	82.1	84.2	87.0	88.3	88.4	88.7	88.8	88.8	88.9	89.0	89.0	89.2	89.2	89.2	89.3
≥ 6000	62.4	82.3	84.4	87.2	88.6	88.7	88.9	89.0	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.6
≥ 5000	63.1	83.2	85.3	88.3	89.7	89.8	90.0	90.1	90.1	90.2	90.3	90.3	90.6	90.6	90.6	90.7
≥ 4500	63.3	83.7	85.8	88.8	90.1	90.2	90.4	90.6	90.6	90.7	90.8	90.8	91.0	91.0	91.0	91.1
≥ 4000	64.0	84.9	87.0	90.0	91.3	91.4	91.7	91.8	91.8	91.9	92.0	92.0	92.2	92.2	92.2	92.3
≥ 3500	64.0	85.0	87.1	90.1	91.4	91.6	91.8	91.9	91.9	92.0	92.1	92.1	92.3	92.3	92.3	92.4
≥ 3000	65.0	86.8	88.9	91.9	93.2	93.3	93.6	93.7	93.7	93.8	93.9	93.9	94.1	94.1	94.1	94.2
≥ 2500	65.7	87.6	89.7	92.8	94.1	94.2	94.4	94.6	94.6	94.7	94.8	94.8	95.0	95.0	95.0	95.1
≥ 2000	66.7	88.9	91.0	94.2	95.6	95.7	95.9	96.0	96.0	96.1	96.2	96.2	96.4	96.4	96.4	96.6
≥ 1800	67.0	89.3	91.4	94.7	96.0	96.1	96.3	96.4	96.4	96.6	96.7	96.7	96.9	96.9	96.9	97.1
≥ 1500	67.6	90.1	92.2	95.4	96.8	96.9	97.1	97.2	97.2	97.3	97.4	97.4	97.7	97.7	97.7	97.8
≥ 1200	67.8	90.8	92.9	96.2	97.6	97.8	98.0	98.1	98.1	98.2	98.3	98.3	98.6	98.6	98.6	[illegible]7
≥ 1000	68.1	91.6	93.7	97.0	98.3	98.6	98.8	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.6
≥ 900	68.1	91.7	93.8	97.1	98.4	98.7	98.9	99.1	99.1	99.2	99.3	99.3	99.6	99.6	99.6	99.7
≥ 800	68.1	91.7	93.8	97.1	98.4	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.8
≥ 700	68.1	91.7	93.8	97.1	98.4	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.8
≥ 600	68.1	91.7	93.8	97.1	98.4	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.8
≥ 500	68.1	91.7	93.8	97.1	98.4	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.8
≥ 400	68.1	91.7	93.8	97.1	98.4	98.7	98.9	99.1	99.1	99.3	99.6	99.6	99.8	99.8	99.8	99.9
≥ 300	68.1	91.7	93.8	97.2	98.6	98.8	99.0	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0
≥ 200	68.1	91.7	93.8	97.2	98.6	98.8	99.0	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0
≥ 100	68.1	91.7	93.8	97.2	98.6	98.8	99.0	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0
≥ 0	68.1	91.7	93.8	97.2	98.6	98.8	99.0	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
12906	ELLINGTON AFB TX	69-70,73-80	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.5	56.2	63.2	63.4	67.2	68.1	70.7	71.3	71.6	72.0	72.3	72.3	72.3	72.3	72.4	72.4
≥ 20000	39.6	64.3	68.6	72.0	76.0	76.9	79.5	80.4	80.8	81.1	81.4	81.4	81.4	81.4	81.5	81.5
≥ 18000	39.7	64.4	68.7	72.1	76.2	77.1	79.8	80.6	81.0	81.3	81.6	81.6	81.6	81.6	81.8	81.8
≥ 16000	39.7	64.4	68.7	72.1	76.2	77.1	79.8	80.6	81.0	81.3	81.6	81.6	81.6	81.6	81.8	81.8
≥ 14000	40.2	65.1	69.4	72.7	76.9	77.8	80.4	81.3	81.6	82.0	82.3	82.3	82.3	82.3	82.4	82.4
≥ 12000	40.8	66.5	71.1	74.6	78.8	79.6	82.3	83.2	83.5	83.9	84.2	84.2	84.2	84.2	84.3	84.3
≥ 10000	41.5	67.9	72.5	76.2	80.3	81.2	83.9	85.0	85.3	85.7	86.0	86.0	86.0	86.0	86.1	86.1
≥ 9000	41.5	68.1	72.7	76.5	80.6	81.5	84.2	85.3	85.7	86.0	86.3	86.3	86.3	86.3	86.4	86.4
≥ 8000	41.8	68.7	73.5	77.3	81.6	82.5	85.3	86.5	86.9	87.3	87.7	87.7	87.7	87.7	87.8	87.8
≥ 7000	42.3	69.6	74.4	78.2	82.5	83.5	86.4	87.7	88.0	88.4	88.8	88.8	88.8	88.8	88.9	88.9
≥ 6000	42.5	69.9	74.6	78.4	82.8	83.8	86.7	87.9	88.2	88.7	89.0	89.0	89.0	89.0	89.1	89.1
≥ 5000	42.6	70.3	75.1	78.9	83.2	84.2	87.2	88.4	88.8	89.2	89.5	89.5	89.5	89.5	89.7	89.7
≥ 4500	42.7	70.4	75.2	79.0	83.3	84.3	87.3	88.5	88.9	89.3	89.7	89.7	89.7	89.7	89.8	89.8
≥ 4000	42.8	71.0	76.0	79.8	84.1	85.1	88.1	89.4	89.8	90.2	90.5	90.5	90.5	90.5	90.7	90.7
≥ 3500	42.8	71.3	76.3	80.1	84.4	85.4	88.4	89.8	90.1	90.5	90.9	90.9	90.9	90.9	91.0	91.0
≥ 3000	43.2	72.1	77.4	81.4	85.9	86.9	89.9	91.2	91.5	92.0	92.3	92.3	92.3	92.3	92.4	92.4
≥ 2500	43.5	72.5	77.9	81.9	86.4	87.5	90.5	91.9	92.2	92.7	93.0	93.0	93.0	93.0	93.1	93.1
≥ 2000	43.8	73.9	79.2	83.4	88.0	89.1	92.1	93.4	93.8	94.2	94.5	94.5	94.5	94.5	94.7	94.7
≥ 1800	43.9	74.4	79.8	84.0	88.5	89.9	92.9	94.2	94.5	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 1500	44.1	76.1	81.4	85.8	90.5	91.9	94.9	96.2	96.6	97.0	97.3	97.3	97.3	97.3	97.4	97.4
≥ 1200	45.1	76.9	82.3	86.8	91.5	92.9	96.0	97.3	97.7	98.1	98.4	98.4	98.4	98.4	98.6	98.6
≥ 1000	45.1	76.9	82.3	86.8	91.5	92.9	96.0	97.3	97.7	98.1	98.4	98.4	98.4	98.4	98.6	98.6
≥ 900	45.1	76.9	82.3	86.8	91.5	92.9	96.0	97.3	97.7	98.1	98.4	98.4	98.4	98.4	98.7	98.7
≥ 800	45.2	77.2	82.8	87.2	92.0	93.3	96.4	97.8	98.1	98.7	99.0	99.0	99.0	99.0	99.2	99.2
≥ 700	45.2	77.2	82.9	87.3	92.1	93.4	96.8	98.1	98.4	99.0	99.3	99.3	99.3	99.3	99.6	99.6
≥ 600	45.2	77.2	82.9	87.3	92.1	93.4	96.8	98.2	98.6	99.2	99.6	99.6	99.6	99.6	99.8	99.8
≥ 500	45.2	77.2	82.9	87.4	92.2	93.5	96.9	98.3	98.7	99.3	99.7	99.7	99.7	99.7	99.9	99.9
≥ 400	45.2	77.2	82.9	87.5	92.3	93.7	97.0	98.4	98.8	99.4	99.8	99.8	99.8	99.8	100.0	100.0
≥ 300	45.2	77.2	82.9	87.5	92.3	93.7	97.0	98.4	98.8	99.4	99.8	99.8	99.8	99.8	100.0	100.0
≥ 200	45.2	77.2	82.9	87.5	92.3	93.7	97.0	98.4	98.8	99.4	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100	45.2	77.2	82.9	87.5	92.3	93.7	97.0	98.4	98.8	99.4	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	45.2	77.2	82.9	87.5	92.3	93.7	97.0	98.4	98.8	99.4	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 — STATION | ELLINGTON AFB TX — STATION NAME | 69-70,73-80 — YEARS | JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.9	59.9	61.3	62.3	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 20000	55.2	70.4	71.9	72.9	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000	55.7	70.9	72.3	73.3	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 16000	55.8	71.0	72.4	73.4	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	56.6	71.8	73.2	74.2	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 12000	58.0	73.7	75.1	76.1	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	59.8	76.1	77.6	78.6	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 9000	59.8	76.4	77.9	78.9	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	60.1	77.6	79.0	80.0	80.9	81.1	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	60.6	78.7	80.1	81.1	82.0	82.2	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 6000	60.8	79.0	80.4	81.4	82.3	82.6	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	61.2	79.7	81.1	82.1	83.0	83.2	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	61.3	79.9	81.3	82.3	83.2	83.4	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000	61.9	80.9	82.7	83.7	84.6	84.8	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	62.6	81.7	83.6	84.7	85.6	85.8	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	63.9	83.7	85.7	86.9	87.9	88.1	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2500	65.9	86.1	88.1	89.3	90.3	90.6	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	68.7	89.7	91.9	93.4	94.6	94.8	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	69.2	90.4	92.7	94.2	95.3	95.7	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	70.0	91.8	94.0	95.6	96.8	97.1	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	70.2	92.8	95.0	96.6	97.8	98.1	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	70.6	93.2	95.4	97.0	98.2	98.6	98.8	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	70.6	93.2	95.4	97.0	98.2	98.6	98.8	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	70.8	93.4	95.7	97.2	98.4	98.9	99.1	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	70.8	93.4	95.7	97.2	98.4	98.9	99.1	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	70.8	93.4	95.7	97.2	98.4	98.9	99.1	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	70.8	93.4	95.7	97.2	98.4	98.9	99.1	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	70.8	93.6	95.8	97.3	98.6	99.0	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	70.8	93.6	95.8	97.3	98.6	99.0	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	70.8	93.6	95.8	97.3	98.6	99.0	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	70.8	93.6	95.8	97.3	98.6	99.0	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	70.8	93.6	95.8	97.3	98.6	99.0	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.6	60.2	60.8	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	58.6	71.6	72.5	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 18000	58.8	71.9	72.7	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	59.2	72.2	73.1	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 14000	59.6	73.1	74.1	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 12000	61.6	75.3	76.3	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	63.8	78.0	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	64.1	78.9	79.9	80.0	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 8000	64.3	79.4	80.4	80.5	81.2	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000	64.4	79.9	80.9	81.2	81.9	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	64.8	80.4	81.4	81.8	82.4	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	65.5	81.3	82.3	82.6	83.3	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	65.6	81.8	82.8	83.1	83.8	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000	66.2	83.2	84.2	84.5	85.2	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3500	66.9	84.3	85.3	85.7	86.3	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	70.3	89.2	90.5	91.0	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	72.5	91.5	93.0	93.4	94.2	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	74.2	94.3	95.8	96.3	97.2	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	74.6	94.8	96.2	96.8	97.7	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	75.0	95.3	96.9	97.6	98.6	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	75.1	95.8	97.3	98.0	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	75.1	95.8	97.3	98.0	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	75.1	95.8	97.3	98.0	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	75.1	95.8	97.3	98.0	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 700	75.1	95.8	97.4	98.1	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 600	75.1	95.9	97.6	98.2	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	75.1	95.9	97.6	98.2	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	75.1	95.9	97.6	98.2	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	75.1	95.9	97.6	98.2	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	75.1	95.9	97.6	98.2	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	75.1	95.9	97.6	98.2	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	75.1	95.9	97.6	98.2	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.9	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	65.8	78.2	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 18000	65.8	78.2	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 16000	65.8	78.2	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 14000	66.9	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000	68.9	81.7	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 10000	71.1	84.3	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000	71.2	84.7	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	71.9	86.0	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	72.7	86.9	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
≥ 6000	73.1	87.3	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	73.9	88.4	89.1	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4500	74.2	88.8	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	74.7	89.3	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	75.0	90.3	91.1	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
≥ 3000	77.0	93.2	94.0	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	77.9	94.2	95.2	95.7	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	79.4	96.1	97.1	97.6	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	79.8	96.4	97.4	97.9	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	80.0	97.2	98.2	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	80.1	97.3	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
≥ 1000	80.2	97.4	98.4	98.9	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	80.2	97.4	98.4	98.9	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	80.2	97.4	98.4	98.9	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	80.2	97.6	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
≥ 600	80.2	97.6	98.6	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	80.2	97.6	98.6	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	80.2	97.6	98.6	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	80.2	97.6	98.6	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	80.2	97.6	98.6	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	80.2	97.6	98.6	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	80.2	97.6	98.6	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 — STATION
ELLINGTON AFB TX — STATION NAME
69-70,73-80 — YEARS
JUN — MONTH
1800-2000 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.7	72.3	72.7	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
≥ 20000	74.6	85.4	86.0	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
≥ 18000	74.7	85.6	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 16000	74.7	85.6	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 14000	75.1	86.1	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 12000	76.6	87.8	88.3	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
≥ 10000	78.6	90.1	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	78.9	90.4	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
≥ 8000	79.2	90.9	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
≥ 7000	80.1	91.9	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 6000	80.4	92.3	93.2	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
≥ 5000	80.9	92.9	93.8	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
≥ 4500	81.0	93.0	93.9	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
≥ 4000	81.3	93.6	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
≥ 3500	81.3	93.9	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	81.9	94.9	95.8	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	82.9	95.9	96.8	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	83.6	96.7	97.6	98.0	98.0	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	83.6	96.7	97.7	98.1	98.1	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	83.9	97.1	98.1	98.6	98.6	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	84.0	97.3	98.3	98.8	98.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	84.1	97.6	98.6	99.0	99.0	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 900	84.1	97.6	98.6	99.0	99.0	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 800	84.2	97.9	98.9	99.3	99.3	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 700	84.2	97.9	98.9	99.3	99.3	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600	84.2	97.9	98.9	99.3	99.3	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	84.2	97.9	98.9	99.3	99.3	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 400	84.2	97.9	98.9	99.3	99.3	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 300	84.2	97.9	98.9	99.3	99.3	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 200	84.2	97.9	98.9	99.3	99.3	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 100	84.2	97.9	98.9	99.3	99.3	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 0	84.2	97.9	98.9	99.3	99.3	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.6	81.7	82.0	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
≥ 20000	79.7	87.3	87.7	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
≥ 18000	79.7	87.3	87.7	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
≥ 16000	79.7	87.3	87.7	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
≥ 14000	80.4	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 12000	81.8	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 10000	84.0	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 9000	84.2	92.1	92.4	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	85.6	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 7000	86.0	94.1	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
≥ 6000	86.2	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	86.7	94.8	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
≥ 4500	86.7	94.8	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
≥ 4000	87.4	95.6	95.9	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
≥ 3500	87.7	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	88.1	96.3	96.7	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
≥ 2500	88.6	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	97.4
≥ 2000	89.8	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	89.8	98.3	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
≥ 1500	90.2	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	90.3	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	90.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	90.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	90.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	90.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	90.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	90.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.6	68.0	69.2	70.2	70.9	71.0	71.4	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7
≥ 20000	62.4	76.7	78.0	79.0	79.8	79.9	80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 18000	62.6	76.8	78.1	79.1	79.9	80.1	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8
≥ 16000	62.6	76.8	78.1	79.2	80.0	80.1	80.5	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	63.3	77.6	79.0	80.0	80.8	81.0	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7
≥ 12000	64.8	79.5	80.9	82.0	82.8	82.9	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 10000	66.6	81.8	83.2	84.3	85.1	85.3	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 9000	66.9	82.2	83.6	84.8	85.6	85.8	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.6
≥ 8000	67.9	83.2	84.7	85.8	86.8	87.0	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	68.2	84.1	85.6	86.8	87.7	87.9	88.3	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	68.5	84.4	85.9	87.1	88.1	88.2	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	69.0	85.2	86.6	87.9	88.8	89.0	89.4	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500	69.2	85.4	86.9	88.1	89.1	89.3	89.7	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 4000	69.7	86.3	87.8	89.0	90.0	90.2	90.6	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 3500	69.9	86.8	88.3	89.6	90.6	90.7	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7
≥ 3000	71.1	88.6	90.3	91.6	92.6	92.8	93.2	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	72.2	89.8	91.5	92.9	93.9	94.1	94.6	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	73.5	91.6	93.3	94.8	95.9	96.1	96.6	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1800	73.8	92.0	93.7	95.2	96.2	96.5	97.0	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	74.3	92.9	94.7	96.2	97.3	97.5	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 1200	74.6	93.4	95.2	96.7	97.8	98.1	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	74.7	93.7	95.5	97.0	98.1	98.4	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5
≥ 900	74.8	93.8	95.5	97.1	98.2	98.4	98.9	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	74.8	93.9	95.7	97.2	98.3	98.6	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	74.8	93.9	95.7	97.2	98.3	98.6	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600	74.8	93.9	95.7	97.3	98.4	98.6	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	74.8	93.9	95.7	97.3	98.4	98.7	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	74.8	93.9	95.7	97.3	98.4	98.7	99.3	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	74.8	93.9	95.7	97.3	98.5	98.7	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	74.8	93.9	95.7	97.3	98.5	98.7	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	74.8	93.9	95.7	97.3	98.5	98.7	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	74.8	93.9	95.7	97.3	98.5	98.7	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7198

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.3	75.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 20000	77.8	83.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	77.8	83.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 16000	77.8	83.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 14000	78.2	83.8	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	79.4	84.9	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 10000	85.1	91.0	92.7	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
≥ 9000	85.4	91.3	93.0	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
≥ 8000	86.8	92.7	94.4	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 7000	88.1	94.2	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 6000	88.1	94.3	96.0	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 5000	88.3	94.5	96.2	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
≥ 4500	88.4	94.6	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	88.6	94.9	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	88.9	95.3	97.0	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	89.6	95.9	97.6	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 2500	89.6	95.9	97.6	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 2000	89.9	96.3	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1800	90.0	96.5	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1500	90.1	96.6	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1200	90.1	96.6	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1000	90.3	96.8	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	90.3	96.8	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	90.3	96.8	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	90.3	96.8	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	90.3	96.8	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	90.3	96.8	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	90.3	96.8	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	90.3	96.8	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	90.3	96.8	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	90.3	96.8	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	90.3	96.8	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12976	ELLINGTON AFB TX	69-70,73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.3	73.4	75.2	75.7	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 20000	68.5	78.9	81.1	81.9	82.7	82.7	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 18000	68.5	78.9	81.1	81.9	82.7	82.7	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 16000	68.5	78.9	81.1	81.9	82.7	82.7	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 14000	68.8	79.2	81.4	82.3	83.0	83.0	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 12000	70.3	81.0	83.1	84.0	84.7	84.7	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000	76.1	87.1	89.9	90.8	91.7	91.8	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 9000	77.3	88.4	90.5	91.4	92.4	92.5	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 8000	78.8	90.1	92.4	93.2	94.4	94.5	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 7000	79.7	91.1	93.3	94.2	95.4	95.5	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 6000	80.1	91.5	93.8	94.6	95.8	95.9	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 5000	80.4	91.8	94.1	94.9	96.1	96.2	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4500	80.5	91.9	94.2	95.1	96.2	96.3	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	81.1	92.5	94.7	95.6	96.8	96.9	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	81.3	92.7	94.9	95.8	97.2	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	81.5	92.9	95.2	96.0	97.4	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	81.6	93.0	95.3	96.1	97.5	97.6	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	82.0	93.5	95.9	96.8	98.2	98.3	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	82.0	93.5	95.9	96.8	98.2	98.3	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	82.2	93.7	96.1	97.0	98.5	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	82.3	93.9	96.3	97.2	98.7	98.8	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	82.4	94.0	96.5	97.3	98.8	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	82.4	94.0	96.5	97.3	98.8	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	82.4	94.0	96.5	97.3	98.8	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	82.4	94.0	96.5	97.3	98.8	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	82.4	94.0	96.5	97.3	98.8	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	82.4	94.1	96.6	97.4	98.9	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	82.4	94.1	96.6	97.4	99.0	99.1	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	82.4	94.1	96.6	97.4	99.0	99.1	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	82.4	94.1	96.6	97.4	99.0	99.1	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	82.4	94.1	96.6	97.4	99.0	99.1	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	82.4	94.1	96.6	97.4	99.0	99.1	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.1	59.2	62.0	64.9	66.7	67.3	69.0	69.6	70.0	70.5	70.5	70.5	70.5	70.6	70.6	70.6
≥ 20000	42.8	65.7	68.6	72.0	74.2	75.2	76.8	77.5	78.0	78.4	78.4	78.4	78.6	78.7	78.7	78.7
≥ 18000	42.8	65.7	68.6	72.0	74.2	75.2	76.8	77.5	78.0	78.4	78.4	78.4	78.6	78.7	78.7	78.7
≥ 16000	42.8	65.7	68.6	72.0	74.2	75.2	76.8	77.5	78.0	78.4	78.4	78.4	78.6	78.7	78.7	78.7
≥ 14000	43.9	67.2	70.2	73.6	76.0	76.9	78.6	79.2	79.8	80.3	80.3	80.3	80.4	80.5	80.5	80.5
≥ 12000	45.6	70.6	73.9	77.6	80.1	81.0	82.7	83.3	83.9	84.4	84.4	84.4	84.5	84.6	84.6	84.6
≥ 10000	49.5	75.9	79.3	83.1	85.6	86.6	88.4	89.0	89.7	90.1	90.1	90.1	90.2	90.3	90.3	90.3
≥ 9000	49.8	76.3	79.7	83.5	86.0	87.1	88.8	89.4	90.1	90.5	90.5	90.5	90.6	90.7	90.7	90.7
≥ 8000	51.9	79.2	82.7	86.4	89.0	90.1	92.1	92.8	93.4	94.0	94.0	94.0	94.1	94.2	94.2	94.2
≥ 7000	52.0	79.7	83.2	87.1	89.7	90.7	92.8	93.4	94.1	94.6	94.6	94.6	94.7	94.8	94.8	94.8
≥ 6000	52.7	80.7	84.2	88.0	90.6	91.7	93.8	94.4	95.0	95.6	95.6	95.6	95.7	95.8	95.8	95.8
≥ 5000	53.1	81.4	84.8	88.7	91.3	92.3	94.4	95.0	95.7	96.2	96.2	96.2	96.3	96.4	96.4	96.4
≥ 4500	53.2	81.5	84.9	88.8	91.4	92.5	94.5	95.2	95.8	96.3	96.3	96.3	96.4	96.6	96.6	96.6
≥ 4000	53.4	81.7	85.1	89.0	91.6	92.7	94.8	95.5	96.1	96.7	96.7	96.7	96.8	96.9	96.9	96.9
≥ 3500	53.7	82.1	85.6	89.4	92.0	93.1	95.3	95.9	96.6	97.1	97.1	97.1	97.2	97.3	97.3	97.3
≥ 3000	53.8	82.3	85.8	89.7	92.2	93.3	95.5	96.1	96.8	97.3	97.3	97.3	97.4	97.5	97.5	97.5
≥ 2500	53.9	82.7	86.1	90.0	92.6	93.6	95.8	96.4	97.1	97.6	97.6	97.6	97.7	97.8	97.8	97.8
≥ 2000	54.0	83.0	86.4	90.4	93.0	94.1	96.2	96.9	97.5	98.1	98.1	98.1	98.2	98.3	98.3	98.3
≥ 1800	54.1	83.1	86.5	90.5	93.1	94.2	96.3	97.0	97.6	98.2	98.2	98.2	98.3	98.4	98.4	98.4
≥ 1500	54.1	83.3	86.9	90.8	93.5	94.6	96.8	97.4	98.1	98.6	98.6	98.6	98.7	98.8	98.8	98.8
≥ 1200	54.3	83.6	87.2	91.3	94.0	95.0	97.2	97.8	98.5	99.0	99.0	99.0	99.1	99.2	99.2	99.2
≥ 1000	54.4	83.7	87.4	91.5	94.2	95.3	97.4	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.5	99.5
≥ 900	54.4	83.7	87.4	91.5	94.3	95.4	97.5	98.2	98.8	99.4	99.4	99.4	99.5	99.6	99.6	99.6
≥ 800	54.5	83.8	87.5	91.6	94.4	95.5	97.6	98.3	98.9	99.5	99.5	99.5	99.6	99.7	99.7	99.7
≥ 700	54.5	83.8	87.5	91.6	94.4	95.5	97.6	98.3	98.9	99.5	99.5	99.5	99.6	99.7	99.7	99.7
≥ 600	54.5	83.8	87.5	91.6	94.4	95.5	97.6	98.3	98.9	99.5	99.5	99.5	99.6	99.7	99.7	99.7
≥ 500	54.5	83.8	87.5	91.6	94.4	95.5	97.7	98.5	99.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 400	54.5	83.8	87.5	91.6	94.4	95.5	97.7	98.5	99.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 300	54.5	83.8	87.5	91.6	94.4	95.5	97.7	98.5	99.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	54.5	83.8	87.5	91.6	94.4	95.5	97.7	98.5	99.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	54.5	83.8	87.5	91.6	94.4	95.5	97.7	98.5	99.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	54.5	83.8	87.5	91.6	94.4	95.5	97.7	98.5	99.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 — STATION
ELLINGTON AFB TX — STATION NAME
69-70,73-80 — YEARS
JUL — MONTH
0900-1100 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.2	59.4	60.2	60.6	61.1	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	59.5	71.9	72.9	73.4	73.9	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	59.5	71.9	73.0	73.5	74.0	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 16000	59.6	72.0	73.1	73.7	74.1	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	61.2	73.8	74.8	75.4	75.8	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 12000	62.7	77.1	78.2	78.7	79.2	79.6	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 10000	67.3	82.7	83.9	84.5	85.2	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	67.4	83.2	84.4	85.1	85.7	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 8000	69.1	85.5	86.7	87.5	88.4	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 7000	69.4	86.1	87.3	88.2	89.0	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000	70.1	87.1	88.3	89.1	90.0	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	70.3	87.4	88.6	89.5	90.3	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	70.4	87.5	88.7	89.6	90.4	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	70.8	88.2	89.5	90.4	91.4	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	71.2	88.8	90.2	91.2	92.2	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	72.9	90.3	91.7	92.7	94.0	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	73.2	91.6	93.3	94.3	95.7	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	73.7	92.5	94.1	95.1	96.7	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	74.0	92.8	94.4	95.5	97.1	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	74.1	93.4	95.2	96.3	98.0	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	74.5	94.1	95.8	97.0	98.7	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	74.5	94.1	95.8	97.0	98.7	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	74.5	94.3	96.0	97.2	98.9	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	74.5	94.4	96.1	97.3	99.0	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	74.5	94.4	96.1	97.3	99.0	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	74.5	94.4	96.1	97.3	99.0	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	74.5	94.4	96.1	97.3	99.0	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	74.5	94.4	96.1	97.3	99.0	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	74.5	94.4	96.1	97.3	99.0	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	74.5	94.4	96.1	97.3	99.0	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	74.5	94.4	96.1	97.3	99.0	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	74.5	94.4	96.1	97.3	99.0	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.3	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 20000	60.0	71.8	72.0	72.2	72.	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	60.1	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	60.1	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	61.1	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	64.7	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 10000	70.2	85.2	85.5	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 9000	70.4	85.6	85.9	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 8000	71.9	87.7	88.1	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	72.4	88.4	88.8	89.0	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	72.6	88.9	89.6	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	73.0	89.5	90.1	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500	73.2	89.8	90.4	90.6	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4000	73.5	90.6	91.5	91.8	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	74.2	91.3	92.2	92.5	93.1	93.2	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	75.6	93.2	94.2	94.5	95.2	95.3	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	76.2	94.4	95.5	95.9	96.7	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	76.9	95.3	96.5	96.9	98.0	98.3	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	76.9	95.3	96.5	96.9	98.0	98.3	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	77.1	95.5	96.8	97.2	98.3	98.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	77.2	95.6	96.9	97.3	98.4	98.7	99.0	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1000	77.2	95.7	97.1	97.5	98.6	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	77.2	95.7	97.1	97.5	98.6	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	77.2	95.7	97.1	97.5	98.6	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	77.2	95.7	97.1	97.5	98.6	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	77.2	95.7	97.1	97.5	98.6	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	77.2	95.7	97.1	97.5	98.6	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	77.2	95.7	97.1	97.5	98.6	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	77.2	95.7	97.1	97.5	98.6	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	77.2	95.7	97.1	97.5	98.6	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	77.2	95.7	97.1	97.5	98.6	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	77.2	95.7	97.1	97.5	98.6	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.2	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	67.7	78.1	78.4	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
≥ 18000	67.8	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	68.1	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 14000	68.6	79.5	79.9	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
≥ 12000	70.5	81.8	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 10000	74.6	86.8	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 9000	75.8	88.5	89.1	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
≥ 8000	78.1	91.0	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 7000	78.3	91.3	92.0	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
≥ 6000	78.5	91.8	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	78.8	92.4	93.1	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
≥ 4500	78.8	92.4	93.1	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
≥ 4000	79.3	93.7	94.4	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	79.7	94.1	94.9	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	80.4	95.6	96.5	97.3	97.3	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	80.8	96.1	97.2	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	81.3	96.9	98.0	99.1	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	81.3	96.9	98.0	99.1	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	81.4	97.0	98.1	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	81.4	97.0	98.1	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	81.4	97.1	98.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	81.4	97.1	98.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	81.4	97.1	98.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	81.4	97.1	98.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	81.4	97.1	98.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	81.4	97.1	98.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	81.4	97.1	98.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	81.4	97.1	98.2	99.4	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	81.4	97.1	98.2	99.4	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.4	97.1	98.2	99.4	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	81.4	97.1	98.2	99.4	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.0	61.5	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	73.7	82.3	82.6	82.8	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 18000	73.9	82.6	83.3	83.5	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 16000	74.2	83.0	83.6	83.8	84.1	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 14000	74.9	83.9	84.6	84.8	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 12000	75.9	85.2	85.9	86.1	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000	78.7	89.5	90.4	90.8	91.2	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 9000	79.6	90.5	91.4	92.0	92.3	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 8000	80.7	92.0	92.9	93.5	93.9	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 7000	81.3	92.8	93.6	94.3	94.6	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 6000	82.2	93.9	94.8	95.6	95.9	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 5000	82.3	94.0	94.9	95.7	96.0	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500	82.3	94.0	94.9	95.7	96.0	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	82.4	94.3	95.4	96.1	96.4	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	82.5	94.7	95.8	96.6	97.1	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	82.5	95.3	96.3	97.4	97.7	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	82.6	95.6	96.8	98.0	98.3	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	83.0	96.0	97.2	98.4	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	83.0	96.0	97.2	98.4	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	83.1	96.1	97.4	98.6	99.0	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	83.2	96.2	97.5	98.7	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	83.2	96.2	97.5	98.8	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 900	83.2	96.2	97.5	98.8	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 800	83.2	96.2	97.5	98.8	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 700	83.2	96.2	97.5	98.8	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 600	83.2	96.2	97.5	98.8	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 500	83.2	96.2	97.5	98.8	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400	83.2	96.2	97.5	98.8	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	83.2	96.2	97.5	98.8	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	83.2	96.2	97.5	98.8	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	83.2	96.2	97.5	98.8	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 0	83.2	96.2	97.5	98.8	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.8	75.1	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 20000	82.4	87.2	87.6	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
≥ 18000	82.4	87.4	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
≥ 16000	82.6	87.6	88.0	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
≥ 14000	83.1	88.0	88.5	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
≥ 12000	84.0	89.0	89.4	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
≥ 10000	87.5	92.9	93.4	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
≥ 9000	88.0	93.5	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
≥ 8000	89.2	94.9	95.5	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
≥ 7000	90.7	96.4	97.0	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
≥ 6000	90.8	96.5	97.1	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
≥ 5000	91.0	96.8	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500	91.1	96.8	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4000	91.1	96.8	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	91.3	97.3	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	91.4	97.5	98.3	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
≥ 2500	91.4	97.5	98.3	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
≥ 2000	91.4	97.5	98.3	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
≥ 1800	91.4	97.5	98.3	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
≥ 1500	91.7	97.8	98.6	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	91.7	97.8	98.6	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	91.7	98.0	98.7	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	91.8	98.1	98.8	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	91.8	98.1	98.8	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	91.8	98.1	98.8	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	91.8	98.1	98.8	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	91.8	98.1	98.8	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.8	98.1	98.8	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.8	98.1	98.8	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.8	98.1	98.8	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.8	98.1	98.8	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.8	98.1	98.8	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12926 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.7	64.2	65.1	65.7	66.1	66.2	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	66.8	77.4	78.5	79.3	79.7	79.9	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 18000	66.8	77.5	78.7	79.5	80.0	80.1	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7
≥ 16000	66.7	77.7	78.8	79.6	80.1	80.2	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8
≥ 14000	67.4	78.6	79.7	80.5	81.0	81.1	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000	69.1	80.9	82.2	83.0	83.5	83.7	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 10000	73.7	86.5	87.8	88.7	89.3	89.5	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 9000	74.2	87.2	88.5	89.5	90.1	90.3	90.5	90.7	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 8000	75.8	89.1	90.5	91.5	92.2	92.4	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 7000	76.5	90.0	91.4	92.4	93.1	93.3	93.6	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0
≥ 6000	76.9	90.6	92.0	93.0	93.7	94.0	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	77.2	91.0	92.4	93.4	94.1	94.3	94.6	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 4500	77.2	91.1	92.5	93.5	94.2	94.4	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1
≥ 4000	77.5	91.6	93.1	94.1	94.8	95.0	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	77.8	92.0	93.6	94.7	95.5	95.7	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3000	78.4	92.9	94.4	95.6	96.4	96.7	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	78.7	93.4	95.1	96.2	97.1	97.3	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	79.0	93.9	95.5	96.7	97.8	98.0	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	79.1	93.9	95.6	96.8	97.8	98.1	98.5	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1500	79.2	94.2	95.9	97.2	98.2	98.4	98.8	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 1200	79.3	94.3	96.1	97.3	98.4	98.6	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	79.4	94.4	96.2	97.5	98.5	98.8	99.2	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	79.4	94.5	96.3	97.5	98.6	98.8	99.3	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	79.4	94.5	96.3	97.6	98.6	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 700	79.4	94.5	96.3	97.6	98.6	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 600	79.4	94.5	96.3	97.6	98.6	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 500	79.4	94.5	96.3	97.6	98.6	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	79.4	94.5	96.3	97.6	98.7	98.9	99.4	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	79.4	94.5	96.3	97.6	98.7	98.9	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	79.4	94.5	96.3	97.6	98.7	98.9	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	79.4	94.5	96.3	97.6	98.7	98.9	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	79.4	94.5	96.3	97.6	98.7	98.9	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7432

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906	ELLINGTON AFB TX	69,72-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.3	78.0	79.8	81.3	82.6	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 20000	73.6	83.6	85.5	87.4	88.7	88.9	89.0	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 18000	73.7	83.7	85.6	87.5	88.8	89.0	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 16000	73.7	83.7	85.6	87.5	88.8	89.0	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 14000	74.2	84.2	86.0	87.9	89.2	89.5	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 12000	76.2	86.2	88.1	90.0	91.3	91.5	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 10000	78.9	89.0	90.9	92.8	94.2	94.4	94.5	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 9000	78.9	89.0	90.9	92.8	94.2	94.4	94.5	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000	80.0	90.4	92.2	94.2	95.6	95.8	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 7000	80.1	90.5	92.4	94.3	95.7	95.9	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 6000	80.1	90.5	92.4	94.3	95.7	95.9	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 5000	80.4	91.0	92.8	94.7	96.1	96.3	96.4	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	80.5	91.1	92.9	94.8	96.2	96.4	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	80.5	91.2	93.0	94.9	96.3	96.6	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	80.6	91.5	93.3	95.4	96.8	97.0	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	80.9	91.7	93.5	95.6	97.0	97.2	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	81.5	92.4	94.2	96.2	97.7	98.0	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	82.2	93.1	94.9	97.0	98.5	98.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	82.2	93.1	94.9	97.0	98.5	98.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	82.3	93.3	95.2	97.2	98.7	98.9	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	82.5	93.4	95.3	97.3	98.8	99.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	82.6	93.6	95.5	97.5	99.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	82.6	93.6	95.5	97.5	99.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	82.6	93.8	95.6	97.6	99.1	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	82.6	93.8	95.6	97.6	99.1	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	82.6	93.8	95.6	97.7	99.2	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	82.6	93.8	95.6	97.7	99.2	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	82.6	93.8	95.6	97.7	99.2	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	82.6	93.8	95.6	97.7	99.2	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	82.6	93.8	95.6	97.7	99.2	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.6	93.8	95.6	97.7	99.2	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	82.6	93.8	95.6	97.7	99.2	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.6	71.1	72.8	75.2	77.4	78.1	78.2	78.4	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 20000	62.2	74.9	76.9	79.5	82.2	82.9	83.0	83.5	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 18000	62.4	75.2	77.1	79.7	82.4	83.1	83.2	83.8	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 16000	62.4	75.2	77.1	79.7	82.4	83.1	83.2	83.8	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 14000	62.6	75.7	77.6	80.2	82.9	83.7	83.8	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 12000	64.7	78.1	80.0	82.9	85.6	86.3	86.5	87.0	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	68.9	82.8	84.7	87.6	90.5	91.3	91.5	92.2	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 9000	69.2	83.2	85.2	88.1	91.0	91.7	91.9	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 8000	70.6	84.8	86.9	89.9	92.8	93.7	93.9	94.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 7000	71.0	85.2	87.2	90.2	93.1	94.0	94.2	94.8	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000	71.0	85.4	87.4	90.4	93.3	94.2	94.4	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 5000	71.8	86.5	88.6	91.8	94.7	95.6	95.8	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4500	72.2	86.9	89.0	92.3	95.2	96.0	96.2	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	72.5	87.2	89.4	92.6	95.5	96.3	96.6	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	72.5	87.2	89.4	92.6	95.5	96.3	96.6	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	72.5	87.2	89.4	92.6	95.5	96.3	96.6	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	73.2	88.0	90.1	93.3	96.2	97.2	97.4	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	73.8	88.5	90.6	93.9	96.8	97.7	98.0	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	73.8	88.5	90.6	93.9	96.8	97.7	98.0	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	73.8	88.5	90.6	93.9	96.8	97.7	98.0	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	73.8	88.5	90.6	93.9	96.8	97.8	98.1	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	73.9	88.6	90.8	94.0	96.9	98.0	98.2	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	73.9	88.6	90.8	94.0	96.9	98.0	98.2	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	73.9	88.9	91.1	94.3	97.2	98.3	98.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	73.9	88.9	91.1	94.3	97.2	98.3	98.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	73.9	88.9	91.1	94.3	97.2	98.3	98.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	73.9	88.9	91.1	94.3	97.2	98.3	98.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	73.9	88.9	91.1	94.4	97.3	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	73.9	88.9	91.1	94.4	97.3	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	73.9	88.9	91.1	94.4	97.3	98.4	98.6	99.2	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	73.9	88.9	91.1	94.4	97.3	98.4	98.6	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	73.9	88.9	91.1	94.4	97.3	98.4	98.6	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.8	50.9	54.9	59.6	64.0	65.3	67.8	70.1	70.5	71.9	72.3	72.4	72.5	72.5	72.5	72.6
≥ 20000	36.7	57.0	61.3	66.0	71.7	73.0	76.0	78.5	78.9	80.5	80.9	81.0	81.1	81.1	81.1	81.2
≥ 18000	36.8	57.3	61.7	66.5	72.2	73.4	76.5	78.9	79.4	81.0	81.3	81.4	81.5	81.5	81.5	81.6
≥ 16000	36.9	57.4	61.8	66.6	72.3	73.5	76.6	79.0	79.5	81.1	81.4	81.5	81.6	81.6	81.6	81.7
≥ 14000	37.5	58.3	62.7	67.4	73.1	74.4	77.4	79.9	80.3	81.9	82.3	82.4	82.5	82.5	82.5	82.6
≥ 12000	39.2	60.5	64.9	70.0	75.7	77.2	80.5	83.1	83.5	85.2	85.5	85.6	85.7	85.7	85.7	85.8
≥ 10000	41.9	64.4	68.9	74.1	80.0	81.6	85.2	88.0	88.4	90.0	90.3	90.4	90.5	90.5	90.5	90.6
≥ 9000	42.3	64.8	69.4	74.5	80.4	82.0	85.6	88.4	88.8	90.4	90.8	90.9	91.0	91.0	91.0	91.1
≥ 8000	43.1	66.7	71.3	76.7	82.7	84.3	88.1	90.9	91.3	92.9	93.2	93.3	93.4	93.4	93.4	93.5
≥ 7000	43.9	67.5	72.2	77.6	83.7	85.3	89.0	91.8	92.3	93.9	94.2	94.3	94.4	94.4	94.4	94.5
≥ 6000	44.4	68.2	72.8	78.3	84.5	86.1	89.9	92.7	93.1	94.7	95.1	95.2	95.3	95.3	95.3	95.4
≥ 5000	44.6	68.6	73.2	78.7	84.9	86.7	90.4	93.2	93.7	95.3	95.6	95.7	95.8	95.8	95.8	95.9
≥ 4500	44.6	68.8	73.4	78.9	85.	86.9	90.6	93.4	93.9	95.5	95.8	95.9	96.0	96.0	96.0	96.1
≥ 4000	44.9	69.2	73.9	79.5	85.7	87.4	91.2	94.0	94.4	96.0	96.3	96.5	96.6	96.6	96.6	96.7
≥ 3500	45.1	69.4	74.0	79.7	85.9	87.6	91.4	94.2	94.6	96.2	96.6	96.7	96.8	96.8	96.8	96.9
≥ 3000	45.1	69.4	74.2	79.9	86.1	87.8	91.6	94.4	94.8	96.5	96.8	96.9	97.0	97.0	97.0	97.1
≥ 2500	45.1	69.5	74.3	80.1	86.6	88.3	92.2	94.9	95.4	97.1	97.4	97.5	97.6	97.6	97.6	97.7
≥ 2000	45.2	69.8	74.7	80.5	87.1	88.8	92.8	95.6	96.0	97.7	98.1	98.2	98.3	98.3	98.3	98.4
≥ 1800	45.2	69.8	74.7	80.5	87.1	88.8	92.8	95.6	96.0	97.7	98.1	98.2	98.3	98.3	98.3	98.4
≥ 1500	45.2	69.8	74.7	80.5	87.2	89.0	93.0	95.8	96.2	98.0	98.3	98.4	98.5	98.5	98.5	98.6
≥ 1200	45.2	69.8	74.7	80.5	87.3	89.1	93.1	95.9	96.3	98.1	98.4	98.5	98.6	98.6	98.6	98.7
≥ 1000	45.2	69.9	74.8	80.6	87.4	89.2	93.2	96.0	96.5	98.2	98.5	98.6	98.7	98.7	98.7	98.8
≥ 900	45.2	70.0	75.1	80.9	87.6	89.5	93.4	96.2	96.7	98.4	98.7	98.8	98.9	98.9	98.9	99.0
≥ 800	45.2	70.1	75.3	81.1	87.8	89.7	93.7	96.5	96.9	98.6	98.9	99.0	99.1	99.1	99.1	99.2
≥ 700	45.2	70.1	75.4	81.2	88.0	89.8	93.9	96.7	97.1	98.8	99.1	99.2	99.4	99.4	99.4	99.5
≥ 600	45.2	70.1	75.5	81.3	88.1	89.9	94.0	96.8	97.2	98.9	99.2	99.4	99.5	99.5	99.5	99.6
≥ 500	45.2	70.1	75.5	81.3	88.1	89.9	94.0	96.8	97.3	99.0	99.4	99.5	99.6	99.6	99.6	99.7
≥ 400	45.2	70.1	75.5	81.3	88.2	90.0	94.1	96.9	97.4	99.2	99.6	99.7	99.8	99.8	99.8	99.9
≥ 300	45.2	70.1	75.5	81.3	88.2	90.0	94.1	96.9	97.4	99.2	99.6	99.7	99.8	99.8	99.8	99.9
≥ 200	45.2	70.1	75.5	81.3	88.2	90.0	94.1	96.9	97.4	99.4	99.7	99.8	99.9	99.9	99.9	100.0
≥ 100	45.2	70.1	75.5	81.3	88.2	90.0	94.1	96.9	97.4	99.4	99.7	99.8	99.9	99.9	99.9	100.0
≥ 0	45.2	70.1	75.5	81.3	88.2	90.0	94.1	96.9	97.4	99.4	99.7	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.7	51.3	53.9	55.4	56.6	57.1	57.2	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6
≥ 20000	46.7	64.1	67.3	69.4	70.8	71.4	71.7	71.9	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.2
≥ 18000	47.0	64.4	67.6	69.7	71.1	71.7	72.0	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5
≥ 16000	47.0	64.4	67.6	69.7	71.1	71.7	72.0	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5
≥ 14000	47.7	65.3	68.5	70.5	71.9	72.6	72.9	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3
≥ 12000	49.6	67.6	71.0	73.0	74.7	75.4	75.9	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3
≥ 10000	54.4	73.9	77.3	79.6	81.5	82.3	82.9	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4
≥ 9000	54.7	74.7	78.2	80.4	82.4	83.1	83.8	84.1	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3
≥ 8000	56.9	78.0	81.5	83.9	85.9	86.8	87.4	87.7	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0
≥ 7000	57.2	78.3	81.8	84.3	86.5	87.3	88.0	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5
≥ 6000	57.5	78.7	82.4	84.8	87.0	87.8	88.5	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0
≥ 5000	57.6	79.0	82.8	85.4	87.5	88.5	89.1	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7
≥ 4500	57.8	79.4	83.1	85.7	87.8	88.8	89.5	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0
≥ 4000	58.3	79.8	83.5	86.1	88.4	89.4	90.1	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6
≥ 3500	58.5	80.0	83.8	86.3	88.6	89.6	90.3	90.6	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9
≥ 3000	59.1	81.3	85.2	87.8	90.4	91.5	92.3	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8
≥ 2500	61.0	84.2	88.1	90.8	93.3	94.4	95.2	95.5	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8
≥ 2000	62.3	86.1	90.1	92.9	95.5	96.7	97.4	97.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 1800	62.3	86.1	90.1	92.9	95.5	96.7	97.4	97.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 1500	62.3	86.2	90.2	93.0	95.6	96.8	97.5	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2
≥ 1200	62.5	86.6	90.5	93.4	96.0	97.2	98.0	98.3	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 1000	62.5	86.9	90.9	93.8	96.3	97.5	98.4	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 900	62.5	87.1	91.1	94.0	96.6	97.7	98.6	99.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 800	62.5	87.2	91.2	94.1	96.7	98.0	98.8	99.4	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8
≥ 700	62.5	87.2	91.2	94.1	96.7	98.0	98.8	99.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600	62.5	87.3	91.3	94.2	96.8	98.1	98.9	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	62.5	87.3	91.3	94.2	96.8	98.1	98.9	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	62.5	87.3	91.3	94.2	96.8	98.1	98.9	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	62.5	87.3	91.3	94.2	96.8	98.1	98.9	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	62.5	87.3	91.3	94.2	96.8	98.1	98.9	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	62.5	87.3	91.3	94.2	96.8	98.1	98.9	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	62.5	87.3	91.3	94.2	96.8	98.1	98.9	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

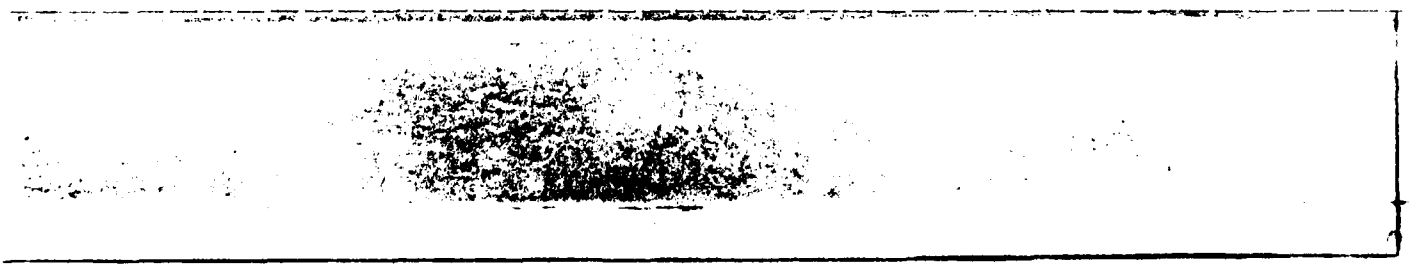
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.2	44.6	45.8	46.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 20000	50.1	65.7	67.2	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	50.4	66.0	67.5	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	50.4	66.0	67.5	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	51.7	67.4	68.9	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	53.7	70.2	71.8	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000	59.5	78.9	80.9	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 9000	60.0	79.9	81.9	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	61.7	82.6	84.7	85.9	86.2	86.2	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000	62.0	83.0	85.2	86.3	86.7	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000	62.3	83.8	85.9	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 5000	62.9	84.4	86.7	88.0	88.3	88.3	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	63.0	84.8	87.1	88.4	88.7	88.7	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	63.8	85.7	88.1	89.2	89.6	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	64.0	86.3	88.6	90.0	90.5	90.5	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	66.1	89.5	91.8	93.3	94.2	94.3	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	67.6	91.8	94.5	96.0	97.0	97.1	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	68.1	92.7	95.7	97.2	98.3	98.4	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	68.1	92.7	95.7	97.2	98.4	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	68.1	92.8	95.8	97.3	98.5	98.6	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4
≥ 1200	68.2	92.9	95.9	97.4	98.6	98.7	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5
≥ 1000	68.2	93.0	96.0	97.5	98.8	98.9	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 900	68.4	93.3	96.3	97.8	99.1	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	68.4	93.3	96.3	97.8	99.1	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	68.4	93.3	96.3	97.8	99.1	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	68.4	93.3	96.3	97.8	99.1	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	68.4	93.3	96.3	97.8	99.1	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	68.4	93.3	96.3	97.8	99.1	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	68.4	93.3	96.3	97.8	99.1	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	68.4	93.3	96.3	97.8	99.1	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	68.4	93.3	96.3	97.8	99.1	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	68.4	93.3	96.3	97.8	99.1	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.8	47.5	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	61.2	75.9	76.6	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
≥ 18000	61.7	76.5	77.1	77.4	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	61.7	76.5	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 14000	63.7	78.6	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 12000	66.5	82.4	83.0	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000	71.0	88.5	89.4	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 9000	71.1	88.6	89.5	89.9	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 8000	73.2	91.4	92.3	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 7000	73.9	92.0	92.9	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	74.0	92.4	93.2	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	74.5	93.2	94.1	94.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500	74.7	93.4	94.3	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	74.8	94.0	94.8	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	75.2	94.3	95.2	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000	76.0	95.4	96.2	96.9	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	76.3	95.9	96.8	97.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	76.3	96.0	97.0	98.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	76.3	96.0	97.0	98.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	76.3	96.1	97.1	98.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	76.3	96.1	97.1	98.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	76.3	96.2	97.2	98.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	76.3	96.3	97.3	98.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	76.3	96.5	97.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	76.3	96.5	97.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	76.3	96.5	97.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	76.3	96.5	97.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	76.3	96.5	97.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	76.3	96.5	97.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.3	96.5	97.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.3	96.5	97.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.3	96.5	97.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.8	58.7	59.4	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 20000	68.3	81.3	82.3	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
≥ 18000	68.4	81.4	82.4	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
≥ 16000	68.4	81.4	82.4	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
≥ 14000	69.1	82.2	83.1	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
≥ 12000	70.8	84.3	85.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000	75.1	89.8	90.9	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 9000	75.4	90.2	91.3	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 8000	77.6	92.7	93.8	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 7000	78.1	93.1	94.3	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
≥ 6000	78.1	93.3	94.5	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000	78.1	93.5	94.7	96.6	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	78.2	94.1	95.3	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4000	78.2	94.2	95.4	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	78.3	94.3	95.5	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	78.6	94.7	96.1	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.6
≥ 2500	78.6	94.7	96.1	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	78.7	94.9	96.3	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	78.7	94.9	96.3	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	79.1	95.3	96.7	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	79.0	95.3	96.7	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	79.0	95.4	96.8	98.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	79.0	95.4	96.8	98.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	79.0	95.5	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	79.0	95.5	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	79.0	95.5	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	79.0	95.5	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	79.0	95.5	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	79.0	95.5	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	79.0	95.5	96.9	98.8	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	79.0	95.5	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.0	95.5	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.4	78.5	79.1	80.0	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 20000	78.7	87.2	88.0	88.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 18000	78.7	87.2	88.0	88.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 16000	78.7	87.2	88.0	88.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	79.1	87.6	88.4	89.2	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 12000	80.5	89.4	90.1	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 10000	83.2	92.3	93.0	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 9000	83.2	92.3	93.0	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000	85.5	94.8	95.6	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 7000	85.6	95.1	95.8	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	85.7	95.4	96.1	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 5000	85.8	95.6	96.3	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4500	85.8	95.6	96.3	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	86.0	95.8	96.6	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	86.1	96.0	96.8	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	86.5	96.7	97.5	98.5	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	86.7	96.9	97.7	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	86.8	97.0	97.8	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	86.8	97.0	97.8	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	86.9	97.1	98.0	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	86.9	97.1	98.0	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	86.9	97.4	98.3	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	86.9	97.4	98.3	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	86.9	97.6	98.5	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
≥ 700	86.9	97.6	98.5	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
≥ 600	86.9	97.6	98.5	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
≥ 500	86.9	97.6	98.5	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
≥ 400	86.9	97.6	98.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.9	97.6	98.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.9	97.6	98.5	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	86.9	97.6	98.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.9	97.6	98.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.1	60.1	61.7	63.2	64.5	64.8	65.2	65.5	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	59.7	73.7	75.6	77.4	78.9	79.2	79.7	80.1	80.2	80.5	80.5	80.6	80.6	80.6	80.6	80.6
≥ 18000	59.9	74.0	75.9	77.7	79.1	79.5	80.0	80.4	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 16000	59.9	74.0	75.9	77.7	79.1	79.5	80.0	80.4	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 14000	60.7	74.9	76.8	78.6	80.1	80.4	80.9	81.4	81.4	81.7	81.7	81.8	81.8	81.8	81.8	81.8
≥ 12000	62.8	77.3	79.3	81.2	82.8	83.1	83.7	84.1	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.6
≥ 10000	66.8	82.4	84.5	86.5	88.3	88.7	89.3	89.8	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 9000	66.9	82.8	84.9	86.9	88.7	89.1	89.7	90.2	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 8000	68.6	85.2	87.3	89.4	91.2	91.7	92.3	92.8	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 7000	69.0	85.6	87.7	89.9	91.7	92.1	92.8	93.3	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 6000	69.1	86.0	88.1	90.3	92.1	92.6	93.2	93.7	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2
≥ 5000	69.5	86.5	88.7	90.9	92.8	93.2	93.9	94.4	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	69.6	86.8	88.9	91.2	93.0	93.5	94.1	94.6	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	69.9	87.1	89.3	91.6	93.5	93.9	94.6	95.1	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	70.0	87.4	89.6	91.9	93.8	94.2	94.9	95.4	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 3000	70.6	88.2	90.5	92.8	94.9	95.4	96.0	96.5	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 2500	71.2	89.2	91.5	93.9	96.0	96.5	97.2	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	71.7	89.8	92.2	94.6	96.7	97.2	97.9	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	99.0
≥ 1800	71.7	89.8	92.2	94.6	96.7	97.2	98.0	98.5	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1500	71.7	89.9	92.3	94.7	96.9	97.4	98.1	98.6	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	71.8	90.0	92.4	94.8	96.9	97.5	98.2	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	71.8	90.1	92.5	95.0	97.2	97.8	98.5	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	71.8	90.2	92.6	95.1	97.3	97.9	98.6	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 800	71.8	90.4	92.8	95.2	97.5	98.0	98.8	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	71.8	90.4	92.8	95.2	97.5	98.1	98.8	99.3	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 600	71.8	90.4	92.8	95.3	97.5	98.1	98.8	99.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	71.8	90.4	92.8	95.3	97.5	98.1	98.8	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	71.8	90.4	92.8	95.3	97.5	98.1	98.9	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	71.8	90.4	92.8	95.3	97.5	98.1	98.9	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	71.8	90.4	92.8	95.3	97.5	98.1	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	71.8	90.4	92.8	95.3	97.5	98.1	98.9	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	71.8	90.4	92.8	95.3	97.5	98.1	98.9	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.7	67.3	69.2	70.7	72.3	72.3	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.1
≥ 20000	61.4	73.4	75.6	77.1	78.9	78.9	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.7	79.7	79.7
≥ 18000	60.4	73.4	75.6	77.1	78.9	78.9	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.7	79.7	79.7
≥ 16000	60.7	73.7	75.8	77.3	79.1	79.1	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.9	79.9	79.9
≥ 14000	60.9	73.9	76.0	77.6	79.3	79.3	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.1
≥ 12000	62.2	75.2	77.6	79.2	81.0	81.0	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8
≥ 10000	64.8	78.8	81.0	82.8	84.6	84.6	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3
≥ 9000	65.0	78.9	81.6	83.3	85.1	85.1	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9
≥ 8000	66.2	81.7	84.4	86.3	88.1	88.1	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9
≥ 7000	66.4	81.9	84.7	86.6	88.3	88.3	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1
≥ 6000	66.8	82.6	85.3	87.2	89.0	89.0	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 5000	67.8	84.0	86.8	88.8	90.6	90.7	91.2	91.4	91.4	91.6	91.6	91.6	91.6	91.7	91.7	91.7
≥ 4500	68.1	84.2	87.1	89.2	91.0	91.1	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1
≥ 4000	68.2	84.8	87.8	89.9	91.7	91.8	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8
≥ 3500	68.8	85.3	88.3	90.4	92.2	92.3	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3
≥ 3000	69.1	86.2	89.2	91.3	93.1	93.2	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2
≥ 2500	70.0	87.2	90.2	92.6	94.3	94.4	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4
≥ 2000	70.2	88.1	91.1	93.4	95.2	95.3	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3
≥ 1800	70.6	88.4	91.4	93.8	95.6	95.7	96.2	96.4	96.4	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 1500	70.8	88.9	91.9	94.2	96.0	96.1	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 1200	70.8	89.1	92.2	94.7	96.4	96.6	97.1	97.3	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.7
≥ 1000	70.9	89.8	93.0	95.6	97.3	97.4	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.6	98.6	98.6
≥ 900	71.0	89.9	93.2	95.8	97.6	97.7	98.2	98.4	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 800	71.2	90.2	93.7	96.2	98.0	98.1	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 700	71.3	90.4	93.9	96.4	98.2	98.3	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 600	71.3	90.4	93.9	96.4	98.2	98.4	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 500	71.3	90.4	93.9	96.4	98.2	98.4	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400	71.3	90.4	94.0	96.6	98.3	98.6	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	71.3	90.4	94.0	96.6	98.3	98.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	71.3	90.4	94.0	96.6	98.3	98.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	71.3	90.4	94.0	96.6	98.3	98.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	71.3	90.4	94.0	96.6	98.3	98.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13966	ELLINGTON AFB TX	69,72-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅞	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.3	58.9	61.2	65.2	67.7	68.3	69.6	70.0	70.1	70.8	70.8	70.8	70.9	71.0	71.0	71.1
≥ 20000	50.7	62.3	64.8	69.3	72.0	72.8	74.0	74.4	74.6	75.2	75.2	75.2	75.4	75.6	75.7	75.8
≥ 18000	50.9	62.4	64.9	69.4	72.1	72.9	74.1	74.6	74.7	75.3	75.3	75.3	75.6	75.7	75.8	75.9
≥ 16000	50.9	62.6	65.0	69.6	72.2	73.0	74.2	74.7	74.8	75.4	75.4	75.4	75.7	75.8	75.9	76.0
≥ 14000	50.9	62.6	65.0	69.6	72.2	73.0	74.2	74.7	74.8	75.4	75.4	75.4	75.7	75.8	75.9	76.0
≥ 12000	52.1	64.1	66.9	71.4	74.1	74.9	76.1	76.6	76.7	77.3	77.3	77.3	77.6	77.7	77.8	77.9
≥ 10000	55.2	68.2	71.0	75.7	78.6	79.3	80.6	81.0	81.1	81.8	81.8	81.8	82.0	82.1	82.2	82.3
≥ 9000	55.3	68.7	71.4	76.1	79.0	79.8	81.0	81.4	81.6	82.2	82.2	82.2	82.4	82.6	82.7	82.8
≥ 8000	56.2	71.2	74.1	78.9	81.8	82.6	83.8	84.2	84.3	85.0	85.0	85.0	85.2	85.3	85.4	85.6
≥ 7000	56.2	71.3	74.2	79.0	81.9	82.7	83.9	84.3	84.4	85.1	85.1	85.1	85.3	85.4	85.6	85.7
≥ 6000	56.7	72.0	74.9	79.7	82.6	83.3	84.6	85.0	85.1	85.8	85.8	85.8	86.0	86.1	86.2	86.3
≥ 5000	57.2	73.1	76.0	80.8	83.8	84.6	85.8	86.2	86.3	87.0	87.0	87.0	87.2	87.3	87.4	87.6
≥ 4500	57.4	73.4	76.3	81.1	84.3	85.1	86.4	86.9	87.0	87.7	87.7	87.7	87.9	88.0	88.1	88.2
≥ 4000	57.9	74.3	77.2	82.0	85.2	86.0	87.3	87.8	87.9	88.6	88.6	88.6	88.8	88.9	89.0	89.1
≥ 3500	58.1	74.6	77.6	82.3	85.6	86.3	87.7	88.1	88.2	88.9	88.9	88.9	89.1	89.2	89.3	89.4
≥ 3000	58.4	75.1	78.1	82.9	86.1	86.9	88.2	88.7	88.8	89.4	89.4	89.4	89.7	89.8	89.9	90.0
≥ 2500	59.3	76.1	79.1	83.9	87.1	87.9	89.2	89.7	89.8	90.4	90.4	90.4	90.7	90.8	90.9	91.0
≥ 2000	59.4	76.4	79.4	84.4	87.7	88.4	89.8	90.2	90.3	91.0	91.0	91.0	91.2	91.3	91.4	91.6
≥ 1800	59.8	76.9	79.9	84.9	88.1	88.9	90.2	90.7	90.8	91.4	91.4	91.4	91.7	91.8	91.9	92.0
≥ 1500	60.8	78.0	81.0	86.0	89.2	90.0	91.4	92.0	92.1	92.8	92.8	92.8	93.0	93.1	93.2	93.3
≥ 1200	61.4	79.2	82.2	87.3	90.6	91.3	92.8	93.3	93.4	94.1	94.1	94.1	94.3	94.4	94.6	94.7
≥ 1000	61.6	79.9	83.1	88.2	91.4	92.2	93.7	94.2	94.3	95.0	95.0	95.0	95.2	95.3	95.4	95.6
≥ 900	61.7	80.2	83.6	88.9	92.1	92.9	94.3	94.9	95.0	95.7	95.7	95.7	95.9	96.0	96.1	96.2
≥ 800	62.1	80.8	84.2	89.7	93.1	93.9	95.4	96.0	96.1	96.8	96.8	96.8	97.0	97.1	97.2	97.3
≥ 700	62.2	81.1	84.6	90.0	93.4	94.2	95.8	96.3	96.4	97.1	97.1	97.1	97.3	97.4	97.6	97.7
≥ 600	62.2	81.1	84.6	90.1	93.6	94.3	95.9	96.4	96.6	97.2	97.2	97.2	97.4	97.6	97.7	97.8
≥ 500	62.2	81.4	85.1	91.0	94.6	95.4	97.0	97.6	97.7	98.3	98.3	98.3	98.6	98.7	98.8	98.9
≥ 400	62.2	81.6	85.3	91.4	95.1	96.0	97.6	98.2	98.3	99.0	99.0	99.0	99.2	99.3	99.4	99.6
≥ 300	62.2	81.6	85.3	91.4	95.1	96.0	97.6	98.3	98.4	99.1	99.1	99.1	99.3	99.4	99.6	99.7
≥ 200	62.2	81.6	85.3	91.4	95.1	96.0	97.6	98.3	98.4	99.1	99.1	99.1	99.3	99.4	99.6	99.8
≥ 100	62.2	81.6	85.3	91.4	95.1	96.0	97.6	98.3	98.4	99.1	99.1	99.1	99.3	99.4	99.6	100.0
≥ 0	62.2	81.6	85.3	91.4	95.1	96.0	97.6	98.3	98.4	99.1	99.1	99.1	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906	ELLINGTON AFB TX	69,72-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.4	34.1	40.3	45.3	52.9	54.8	58.6	60.6	61.0	62.2	62.9	63.3	63.4	63.7	63.7	63.7
≥ 20000	22.9	38.6	45.1	50.7	59.3	61.4	65.8	68.0	68.6	69.8	70.7	71.1	71.3	71.6	71.7	71.7
≥ 18000	22.9	38.7	45.3	50.9	59.4	61.7	66.0	68.2	68.8	70.0	70.9	71.3	71.6	71.8	71.9	71.9
≥ 16000	22.9	38.7	45.3	50.9	59.4	61.7	66.0	68.2	68.8	70.0	70.9	71.3	71.6	71.8	71.9	71.9
≥ 14000	23.1	38.9	45.6	51.1	59.9	62.1	66.4	68.7	69.2	70.4	71.3	71.8	72.0	72.2	72.3	72.3
≥ 12000	23.7	40.0	46.8	52.3	61.2	63.9	68.2	70.4	71.0	72.2	73.1	73.6	73.8	74.0	74.1	74.1
≥ 10000	24.7	42.3	49.3	55.3	64.8	67.6	72.0	74.3	75.0	76.3	77.2	77.7	77.9	78.1	78.2	78.2
≥ 9000	24.8	42.7	49.7	55.9	65.3	68.1	72.6	74.9	75.6	76.9	77.8	78.2	78.4	78.7	78.8	78.8
≥ 8000	25.8	45.1	52.6	59.0	68.8	71.9	76.3	78.7	79.3	80.7	81.6	82.0	82.2	82.4	82.6	82.6
≥ 7000	26.0	45.6	53.0	59.4	69.2	72.3	76.8	79.1	79.8	81.1	82.0	82.4	82.7	82.9	83.0	83.0
≥ 6000	26.4	46.2	53.7	60.1	70.1	73.2	77.7	80.0	80.7	82.0	82.9	83.3	83.6	83.8	83.9	83.9
≥ 5000	26.7	46.6	54.0	60.4	70.4	73.6	78.0	80.3	81.0	82.3	83.2	83.7	83.9	84.1	84.2	84.2
≥ 4500	27.2	47.3	54.9	61.4	71.4	74.6	79.0	81.3	82.0	83.3	84.2	84.7	84.9	85.1	85.2	85.2
≥ 4000	27.4	48.0	55.7	62.2	72.2	75.3	79.8	82.1	82.8	84.1	85.0	85.4	85.7	85.9	86.0	86.0
≥ 3500	27.7	48.7	56.3	63.1	73.1	76.2	80.7	83.0	83.7	85.0	86.0	86.4	86.7	86.9	87.0	87.0
≥ 3000	27.9	48.9	56.8	63.7	73.7	76.8	81.2	83.6	84.2	85.7	86.7	87.1	87.3	87.6	87.7	87.7
≥ 2500	27.9	49.0	57.3	64.6	74.6	77.7	82.2	84.6	85.2	86.7	87.7	88.1	88.3	88.6	88.7	88.7
≥ 2000	28.2	50.4	58.9	66.3	76.3	79.4	84.0	86.4	87.1	88.6	89.6	90.0	90.2	90.4	90.6	90.6
≥ 1800	28.6	50.8	59.2	66.7	76.7	79.8	84.3	86.8	87.4	88.9	89.9	90.3	90.6	90.8	90.9	90.9
≥ 1500	28.9	51.9	60.4	68.1	78.2	81.3	85.9	88.4	89.1	90.6	91.6	92.0	92.2	92.4	92.6	92.6
≥ 1200	29.3	52.8	61.4	69.4	79.6	82.7	87.3	89.9	90.7	92.1	93.1	93.6	93.8	94.0	94.1	94.1
≥ 1000	29.4	53.3	62.1	70.1	80.4	83.6	88.2	90.8	91.6	93.0	94.0	94.4	94.7	94.9	95.0	95.0
≥ 900	29.4	53.3	62.1	70.2	80.6	83.8	88.4	91.0	91.8	93.2	94.2	94.7	94.9	95.1	95.2	95.2
≥ 800	29.6	53.4	62.2	70.4	81.0	84.3	89.0	91.6	92.3	93.9	94.9	95.3	95.6	95.8	95.9	95.9
≥ 700	29.6	53.6	62.4	70.7	81.3	84.8	89.4	92.0	92.8	94.3	95.3	95.8	96.0	96.2	96.3	96.3
≥ 600	29.7	54.0	62.9	71.4	82.1	85.6	90.4	93.0	93.8	95.6	96.6	97.0	97.2	97.4	97.6	97.6
≥ 500	29.7	54.0	63.0	71.8	82.7	86.6	91.4	94.1	94.9	96.7	97.8	98.2	98.4	98.7	98.8	98.8
≥ 400	29.7	54.1	63.1	71.9	82.8	86.8	91.8	94.6	95.3	97.2	98.4	98.9	99.1	99.3	99.4	99.4
≥ 300	29.7	54.2	63.2	72.0	82.9	86.9	91.9	94.8	95.6	97.4	98.7	99.1	99.3	99.6	99.7	99.7
≥ 200	29.7	54.2	63.3	72.1	83.0	87.0	92.0	94.9	95.7	97.6	98.8	99.2	99.4	99.8	99.9	99.9
≥ 100	29.7	54.2	63.3	72.1	83.0	87.0	92.0	94.9	95.7	97.6	98.8	99.2	99.4	99.8	99.9	100.0
≥ 0	29.7	54.2	63.3	72.1	83.0	87.0	92.0	94.9	95.7	97.6	98.8	99.2	99.4	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12976	ELLINGTON AFB TX	69,72-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.2	51.8	54.8	57.3	59.3	59.7	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	37.7	60.4	64.3	67.6	69.7	70.1	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 18000	37.7	60.7	64.6	67.8	69.9	70.3	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	37.7	60.7	64.6	67.9	70.0	70.4	70.9	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	38.0	61.1	65.1	68.4	70.6	71.0	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 12000	39.1	63.2	67.3	70.8	73.0	73.4	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	41.3	66.9	71.2	74.7	77.4	78.0	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 9000	41.8	67.3	72.1	75.7	78.7	79.2	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	43.0	69.7	74.8	78.3	81.4	82.0	82.4	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	43.3	70.1	75.2	78.8	81.9	82.4	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	43.3	70.3	75.4	79.0	82.1	82.7	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 5000	43.8	70.9	76.1	79.9	83.0	83.6	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500	43.9	71.0	76.3	80.0	83.2	83.8	84.2	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	44.1	71.9	77.1	81.2	84.4	85.0	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	44.1	72.3	77.6	81.7	84.9	85.4	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	45.0	73.9	79.2	83.4	86.7	87.2	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	45.3	75.1	80.4	84.8	88.1	88.7	89.1	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	45.7	76.4	82.0	86.7	90.0	90.6	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	45.8	76.7	82.2	86.9	90.2	90.8	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	46.7	78.0	84.0	88.7	92.0	92.6	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	46.8	79.0	85.0	89.8	93.2	93.8	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	46.8	79.7	85.7	90.6	94.1	94.7	95.4	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	46.8	80.1	86.1	91.0	94.8	95.3	96.1	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	46.9	80.3	86.3	91.4	95.2	95.8	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	46.9	80.4	86.6	92.0	96.1	96.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	46.9	80.4	86.7	92.4	96.7	97.6	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	46.9	80.4	86.7	92.6	97.0	97.9	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	46.9	80.4	86.7	92.6	97.0	97.9	99.2	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	46.9	80.4	86.7	92.6	97.0	97.9	99.2	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	46.9	80.4	86.7	92.6	97.0	97.9	99.2	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	46.9	80.4	86.7	92.6	97.0	97.9	99.2	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	46.9	80.4	86.7	92.6	97.0	97.9	99.2	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.8	52.0	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	47.1	65.4	67.4	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	47.2	65.8	67.8	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	47.4	66.0	68.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 14000	48.3	67.4	69.6	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	49.7	69.6	71.7	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
≥ 10000	53.3	75.1	77.2	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
≥ 9000	53.4	75.9	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	55.2	78.2	80.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	55.9	79.4	81.7	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
≥ 6000	56.2	79.8	82.1	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	56.4	80.1	82.3	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
≥ 4500	56.4	80.3	82.6	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	56.9	81.3	83.7	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	57.4	82.4	84.9	86.8	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	59.1	85.0	87.8	89.9	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	59.6	86.2	89.2	91.3	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	60.2	87.6	90.7	92.9	93.7	93.7	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	60.2	87.9	91.0	93.2	94.0	94.0	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	60.6	88.8	92.0	94.4	95.3	95.4	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	60.6	89.9	93.4	95.9	96.9	97.2	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	60.6	90.3	94.1	96.7	97.9	98.2	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	96.9
≥ 900	60.7	90.4	94.2	97.0	98.3	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 800	60.7	90.4	94.2	97.0	98.3	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 700	60.7	90.4	94.2	97.0	98.3	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 600	60.7	90.8	94.7	97.4	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	60.7	90.8	94.7	97.4	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	60.7	90.8	94.7	97.4	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	60.7	90.8	94.7	97.4	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	60.7	90.8	94.7	97.4	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	60.7	90.8	94.7	97.4	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	60.7	90.8	94.7	97.4	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906	ELLINGTON AFB TX	69,72-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.3	55.2	56.0	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	57.6	70.7	72.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000	57.9	71.0	72.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	58.6	71.7	73.4	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
≥ 14000	59.4	73.0	74.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	61.9	75.8	77.7	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 10000	64.9	81.0	83.1	84.4	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000	65.6	81.9	84.0	85.6	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	67.1	84.3	86.4	88.2	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000	67.4	85.0	87.1	89.0	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	67.7	85.2	87.8	89.4	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	67.9	85.8	88.1	90.1	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	68.3	86.3	88.7	90.7	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	68.4	86.6	88.9	90.9	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	68.7	87.4	89.8	91.8	92.4	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	69.6	88.8	91.1	93.1	93.8	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	69.9	89.9	92.2	94.3	95.0	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	70.2	90.8	93.3	95.4	96.1	96.2	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	70.4	91.0	93.6	95.7	96.3	96.4	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	70.4	91.6	94.1	96.3	97.1	97.2	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	70.4	91.8	94.4	96.8	97.7	97.8	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	70.6	92.0	94.8	97.1	98.0	98.2	98.7	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 900	70.6	92.0	94.8	97.1	98.0	98.2	98.7	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 800	70.6	92.1	94.9	97.2	98.1	98.3	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.4	99.4	99.4
≥ 700	70.6	92.1	94.9	97.2	98.1	98.4	98.9	99.2	99.3	99.3	99.3	99.3	99.4	99.6	99.6	99.6
≥ 600	70.6	92.1	95.0	97.3	98.2	98.6	99.0	99.3	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7
≥ 500	70.6	92.1	95.0	97.3	98.3	98.7	99.3	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 400	70.6	92.1	95.0	97.3	98.3	98.7	99.3	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 300	70.6	92.1	95.0	97.3	98.3	98.7	99.3	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	70.6	92.1	95.0	97.3	98.3	98.7	99.3	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	70.6	92.1	95.0	97.3	98.3	98.7	99.3	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	70.6	92.1	95.0	97.3	98.3	98.7	99.3	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 — STATION
ELLINGTON AFB TX — STATION NAME
69,72-80 — YEARS
SEP — MONTH
1800-2000 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.9	60.8	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	59.1	74.0	75.9	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	59.0	74.0	75.9	76.3	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	59.4	74.4	76.3	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	60.2	75.9	77.8	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	62.1	78.3	80.3	80.8	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	63.6	81.3	83.4	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
≥ 9000	63.8	81.8	84.0	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	65.4	84.1	86.3	87.8	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	65.8	84.9	87.1	88.6	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	66.0	85.3	87.8	89.2	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	66.1	85.6	88.0	89.4	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	66.8	86.8	89.2	90.7	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	67.1	87.6	90.1	91.4	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	67.3	88.0	90.4	91.9	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	68.0	89.0	91.6	93.1	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	68.2	89.8	92.3	94.0	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	68.8	90.8	93.7	95.4	96.3	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	69.1	91.1	94.0	95.8	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	69.8	91.8	94.7	96.4	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	70.0	92.1	95.4	97.2	98.3	98.3	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	70.0	92.1	95.4	97.3	98.4	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	70.2	92.3	95.7	97.6	98.7	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	70.2	92.4	95.8	97.7	98.8	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	70.2	92.4	95.8	97.7	98.8	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	70.2	92.4	95.8	97.7	98.8	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	70.2	92.6	95.9	97.8	99.0	99.0	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	70.2	92.6	95.9	97.8	99.0	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	70.2	92.6	95.9	97.8	99.0	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	70.2	92.6	95.9	97.8	99.0	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.2	92.6	95.9	97.8	99.0	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.2	92.6	95.9	97.8	99.0	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 — STATION
ELLINGTON AFB TX — STATION NAME
69,72-80 — YEARS
SEP — MONTH
2100-2300 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.3	68.9	70.3	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 20000	64.7	77.9	79.7	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	64.7	77.9	79.7	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 16000	64.7	77.9	79.7	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	65.3	78.7	80.4	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	67.2	80.9	82.7	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	69.0	83.3	85.2	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	69.6	84.4	86.7	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000	71.4	86.7	88.9	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	71.8	87.2	89.4	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
≥ 6000	72.0	87.6	89.8	90.7	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	72.6	88.1	90.4	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	72.8	88.3	90.7	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4000	73.3	89.2	91.6	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	73.6	89.6	91.9	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	73.8	90.1	92.6	93.6	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	74.2	90.9	93.3	94.4	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	74.7	91.6	94.1	95.3	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	74.9	91.8	94.3	95.6	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	75.0	92.1	94.7	96.0	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	75.1	92.3	95.0	96.4	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	75.3	92.8	95.4	97.0	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	75.6	93.0	95.7	97.2	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	75.6	93.0	95.7	97.3	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	75.7	93.1	95.8	97.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	75.7	93.1	95.9	97.6	98.6	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	75.7	93.3	96.1	97.8	98.8	99.0	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	75.7	93.3	96.1	97.8	98.8	99.0	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	75.7	93.3	96.1	97.8	98.8	99.0	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	75.7	93.3	96.1	97.8	98.8	99.0	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	75.7	93.3	96.1	97.8	98.8	99.0	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	75.7	93.3	96.1	97.8	98.8	99.0	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) JUL 84 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH) ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.4	56.1	58.4	60.3	62.1	62.4	63.2	63.5	63.6	63.8	63.9	64.0	64.0	64.1	64.1	64.1
≥ 20000	50.0	65.3	68.2	70.4	72.4	72.9	73.7	74.0	74.1	74.4	74.5	74.6	74.6	74.7	74.7	74.7
≥ 18000	50.1	65.5	68.3	70.6	72.6	73.0	73.8	74.2	74.3	74.5	74.7	74.7	74.8	74.8	74.8	74.9
≥ 16000	50.3	65.7	68.5	70.8	72.8	73.2	74.0	74.4	74.5	74.8	74.9	74.9	75.0	75.0	75.1	75.1
≥ 14000	50.8	66.4	69.3	71.6	73.6	74.0	74.8	75.2	75.3	75.6	75.7	75.7	75.8	75.8	75.9	75.9
≥ 12000	52.3	68.4	71.4	73.7	75.8	76.3	77.	77.4	77.5	77.8	77.9	78.0	78.0	78.1	78.1	78.1
≥ 10000	54.6	72.1	75.2	77.7	80.0	80.5	81.4	81.8	81.8	82.1	82.2	82.3	82.3	82.4	82.4	82.4
≥ 9000	54.9	72.7	75.9	78.6	80.9	81.5	82.3	82.7	82.8	83.1	83.2	83.2	83.3	83.3	83.4	83.4
≥ 8000	56.3	75.1	78.5	81.3	83.7	84.2	85.1	85.5	85.6	85.8	86.0	86.0	86.1	86.1	86.2	86.2
≥ 7000	56.6	75.7	79.1	81.9	84.3	84.9	85.8	86.2	86.3	86.5	86.7	86.7	86.8	86.8	86.8	86.9
≥ 6000	56.9	76.1	79.6	82.4	84.9	85.4	86.3	86.7	86.8	87.1	87.2	87.2	87.3	87.3	87.4	87.4
≥ 5000	57.3	76.8	80.2	83.1	85.6	86.2	87.1	87.5	87.6	87.8	88.0	88.0	88.1	88.1	88.2	88.2
≥ 4500	57.6	77.2	80.7	83.6	86.2	86.8	87.7	88.1	88.2	88.5	88.6	88.6	88.7	88.7	88.8	88.8
≥ 4000	57.9	78.0	81.5	84.5	87.1	87.7	88.5	88.9	89.0	89.3	89.4	89.5	89.5	89.6	89.6	89.6
≥ 3500	58.2	78.5	82.1	85.1	87.7	88.3	89.2	89.6	89.7	90.0	90.1	90.2	90.3	90.3	90.3	90.3
≥ 3000	58.9	79.6	83.3	86.4	89.0	89.6	90.5	90.9	91.0	91.3	91.5	91.5	91.6	91.6	91.7	91.7
≥ 2500	59.3	80.5	84.3	87.5	90.2	90.8	91.7	92.1	92.2	92.5	92.7	92.7	92.8	92.8	92.9	92.9
≥ 2000	59.7	81.5	85.4	88.8	91.4	92.0	93.0	93.4	93.5	93.9	94.0	94.1	94.1	94.2	94.2	94.2
≥ 1800	59.9	81.8	85.7	89.1	91.7	92.3	93.3	93.7	93.8	94.2	94.3	94.4	94.4	94.5	94.5	94.5
≥ 1500	60.4	82.6	86.6	90.0	92.8	93.4	94.4	94.9	95.0	95.3	95.5	95.5	95.6	95.6	95.7	95.7
≥ 1200	60.6	83.3	87.4	90.9	93.8	94.4	95.4	96.0	96.1	96.4	96.6	96.6	96.7	96.7	96.8	96.8
≥ 1000	60.6	83.7	87.9	91.6	94.5	95.1	96.2	96.7	96.9	97.2	97.3	97.4	97.5	97.5	97.5	97.6
≥ 900	60.7	83.9	88.2	91.8	94.8	95.5	96.5	97.1	97.2	97.5	97.7	97.7	97.8	97.9	97.9	97.9
≥ 800	60.9	84.1	88.4	92.1	95.1	95.8	96.9	97.4	97.6	97.9	98.0	98.1	98.2	98.3	98.3	98.3
≥ 700	60.9	84.2	88.5	92.3	95.3	96.1	97.2	97.7	97.8	98.2	98.3	98.4	98.5	98.5	98.6	98.6
≥ 600	60.9	84.3	88.7	92.6	95.6	96.4	97.6	98.1	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.0
≥ 500	60.9	84.4	88.8	92.8	95.9	96.8	98.0	98.6	98.8	99.2	99.3	99.4	99.5	99.6	99.6	99.6
≥ 400	60.9	84.4	88.8	92.8	96.0	96.9	98.2	98.8	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.8
≥ 300	60.9	84.4	88.9	92.9	96.0	96.9	98.2	98.9	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9
≥ 200	60.9	84.4	88.9	92.9	96.0	96.9	98.2	98.9	99.0	99.5	99.7	99.7	99.8	99.9	99.9	100.0
≥ 100	60.9	84.4	88.9	92.9	96.0	96.9	98.2	98.9	99.0	99.5	99.7	99.7	99.8	99.9	99.9	100.0
≥ 0	60.9	84.4	88.9	92.9	96.0	96.9	98.2	98.9	99.0	99.5	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12916	ELLINGTON AFB TX	69,72-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.7	64.8	68.5	70.8	72.2	72.3	72.6	73.1	73.2	73.4	74.0	74.1	74.3	74.4	74.8	75.1
≥ 20000	55.7	67.4	71.3	73.5	75.1	75.3	75.6	76.1	76.3	76.6	77.3	77.4	77.6	77.7	78.2	78.4
≥ 18000	55.7	67.5	71.4	73.7	75.2	75.4	75.7	76.2	76.5	76.7	77.4	77.5	77.7	77.8	78.3	78.5
≥ 16000	55.7	67.5	71.4	73.7	75.2	75.4	75.7	76.2	76.5	76.7	77.4	77.5	77.7	77.8	78.3	78.5
≥ 14000	56.6	68.5	72.4	74.6	76.1	76.3	76.7	77.2	77.4	77.6	78.4	78.5	78.7	78.8	79.2	79.5
≥ 12000	57.2	69.1	73.0	75.3	76.8	77.0	77.3	77.8	78.1	78.3	79.0	79.1	79.4	79.5	79.9	80.1
≥ 10000	59.1	71.9	75.8	78.1	79.6	79.8	80.1	80.6	80.9	81.1	81.8	81.9	82.2	82.3	82.7	82.9
≥ 9000	59.9	72.9	76.8	79.0	80.5	80.8	81.1	81.6	81.8	82.0	82.8	82.9	83.1	83.2	83.7	83.9
≥ 8000	61.5	75.1	78.9	81.3	82.9	83.1	83.4	84.0	84.2	84.4	85.2	85.3	85.5	85.6	86.0	86.2
≥ 7000	62.7	76.6	80.4	82.8	84.4	84.6	84.9	85.5	85.7	85.9	86.7	86.8	87.0	87.1	87.5	87.7
≥ 6000	63.2	77.2	81.1	83.4	85.1	85.3	85.6	86.1	86.3	86.6	87.3	87.4	87.6	87.7	88.2	88.4
≥ 5000	64.0	78.2	82.0	84.5	86.1	86.3	86.7	87.2	87.4	87.6	88.4	88.5	88.7	88.8	89.2	89.5
≥ 4500	64.0	78.2	82.0	84.5	86.1	86.3	86.7	87.2	87.4	87.6	88.4	88.5	88.7	88.8	89.2	89.5
≥ 4000	64.8	79.2	83.1	85.7	87.4	87.6	88.0	88.5	88.7	88.9	89.7	89.8	90.0	90.1	90.5	90.8
≥ 3500	64.9	79.5	83.4	86.0	87.7	88.0	88.3	88.8	89.0	89.2	90.0	90.1	90.3	90.4	90.9	91.1
≥ 3000	65.5	80.2	84.4	87.1	88.8	89.0	89.4	89.9	90.1	90.3	91.1	91.2	91.4	91.5	91.9	92.2
≥ 2500	65.7	80.4	84.6	87.3	89.0	89.2	89.6	90.1	90.3	90.5	91.3	91.4	91.6	91.7	92.2	92.4
≥ 2000	66.8	82.0	86.2	89.0	90.8	91.0	91.3	91.8	92.0	92.3	93.0	93.1	93.3	93.4	93.9	94.1
≥ 1800	66.9	82.2	86.3	89.1	90.9	91.1	91.4	91.9	92.2	92.4	93.1	93.2	93.4	93.5	94.0	94.2
≥ 1500	67.6	83.0	87.4	90.2	91.9	92.2	92.5	93.0	93.2	93.4	94.2	94.3	94.5	94.6	95.1	95.3
≥ 1200	68.5	84.3	88.7	91.6	93.3	93.5	93.9	94.4	94.6	94.8	95.6	95.7	95.9	96.0	96.5	96.7
≥ 1000	68.7	84.7	89.1	92.2	93.9	94.1	94.4	94.9	95.2	95.4	96.1	96.2	96.5	96.6	97.0	97.2
≥ 900	68.9	85.3	89.7	92.7	94.4	94.6	94.9	95.5	95.7	95.9	96.7	96.8	97.0	97.1	97.5	97.7
≥ 800	69.0	85.5	90.0	93.0	94.8	95.1	95.4	95.9	96.1	96.3	97.1	97.2	97.4	97.5	98.0	98.2
≥ 700	69.1	86.0	90.6	93.7	95.5	95.7	96.0	96.6	96.8	97.0	97.7	97.8	98.1	98.2	98.6	98.8
≥ 600	69.2	86.6	91.2	94.2	96.0	96.2	96.6	97.1	97.3	97.5	98.3	98.4	98.6	98.7	99.1	99.4
≥ 500	69.4	86.7	91.3	94.3	96.1	96.3	96.7	97.2	97.4	97.6	98.4	98.5	98.7	98.8	99.2	99.5
≥ 400	69.4	86.8	91.4	94.5	96.3	96.7	97.0	97.5	97.7	98.0	98.7	98.8	99.0	99.1	99.6	99.8
≥ 300	69.4	86.8	91.4	94.5	96.3	96.7	97.0	97.5	97.7	98.0	98.7	98.8	99.0	99.1	99.6	99.8
≥ 200	69.4	86.8	91.4	94.5	96.3	96.7	97.0	97.5	97.7	98.0	98.7	98.8	99.0	99.1	99.6	99.8
≥ 100	69.4	86.8	91.4	94.5	96.3	96.7	97.0	97.5	97.7	98.0	98.7	98.8	99.0	99.1	99.6	99.8
≥ 0	69.4	86.8	91.4	94.5	96.3	96.7	97.0	97.5	97.7	98.0	98.7	98.8	99.0	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?9?6	ELLINGTON AFB TX	69,72-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.3	58.4	61.4	64.0	65.9	66.2	67.2	67.8	68.6	69.4	69.7	69.8	70.2	70.4	71.6	73.4
≥ 20000	48.7	60.5	63.7	66.3	68.3	68.6	69.6	70.3	71.2	71.9	72.3	72.4	72.8	73.0	74.2	76.0
≥ 18000	48.7	60.6	63.8	66.5	68.4	68.7	69.7	70.4	71.3	72.0	72.4	72.5	72.9	73.1	74.3	76.1
≥ 16000	48.7	60.6	63.8	66.5	68.4	68.7	69.7	70.4	71.3	72.0	72.4	72.5	72.9	73.1	74.3	76.1
≥ 14000	48.7	60.6	63.8	66.5	68.4	68.7	69.7	70.4	71.3	72.0	72.4	72.5	72.9	73.1	74.3	76.1
≥ 12000	49.1	61.1	64.4	67.1	69.0	69.4	70.3	71.1	71.9	72.7	73.0	73.1	73.5	73.8	74.9	76.8
≥ 10000	51.2	63.4	66.9	69.7	71.7	72.0	73.0	73.9	74.7	75.5	75.8	75.9	76.3	76.6	77.7	79.6
≥ 9000	52.0	64.3	67.8	70.8	72.9	73.2	74.2	75.1	75.9	76.7	77.0	77.1	77.5	77.7	78.9	80.8
≥ 8000	53.4	66.9	70.8	73.9	76.0	76.3	77.3	78.2	79.0	79.8	80.1	80.2	80.6	80.9	82.0	83.9
≥ 7000	54.0	67.6	71.5	74.7	76.9	77.2	78.2	79.0	79.9	80.6	81.0	81.1	81.5	81.7	82.9	84.7
≥ 6000	54.6	68.6	72.5	75.7	77.8	78.2	79.1	80.0	80.9	81.6	81.9	82.0	82.5	82.7	83.9	85.7
≥ 5000	55.4	69.9	73.9	77.2	79.4	79.7	80.6	81.5	82.4	83.1	83.4	83.5	84.0	84.2	85.4	87.2
≥ 4500	55.6	70.1	74.3	77.7	79.9	80.2	81.2	82.0	82.9	83.7	84.0	84.1	84.5	84.7	85.9	87.7
≥ 4000	56.6	71.4	75.6	79.0	81.2	81.5	82.5	83.3	84.2	84.9	85.3	85.4	85.8	86.0	87.2	89.0
≥ 3500	56.7	71.6	75.8	79.2	81.4	81.7	82.7	83.5	84.4	85.2	85.5	85.6	86.0	86.2	87.4	89.2
≥ 3000	56.8	72.4	76.6	80.0	82.2	82.5	83.4	84.3	85.2	85.9	86.2	86.3	86.8	87.0	88.2	90.0
≥ 2500	57.0	72.9	77.1	80.5	82.7	83.3	84.0	84.8	85.7	86.5	86.8	86.9	87.3	87.5	88.7	90.5
≥ 2000	57.3	73.8	78.4	81.8	84.0	84.3	85.3	86.2	87.1	87.8	88.3	88.4	88.8	89.0	90.2	92.0
≥ 1800	57.3	73.8	78.5	81.9	84.1	84.4	85.4	86.3	87.2	88.0	88.4	88.5	88.9	89.1	90.3	92.2
≥ 1500	57.7	74.4	79.2	82.7	84.8	85.2	86.1	87.1	88.0	88.7	89.1	89.2	89.7	89.9	91.1	92.9
≥ 1200	58.1	75.3	80.2	83.7	85.8	86.2	87.2	88.2	89.0	89.8	90.2	90.3	90.8	91.0	92.2	94.0
≥ 1000	58.4	76.0	81.1	84.5	86.8	87.2	88.2	89.1	90.0	90.8	91.2	91.3	91.7	91.9	93.1	94.9
≥ 900	58.5	76.1	81.2	84.6	87.0	87.4	88.4	89.5	90.3	91.1	91.5	91.6	92.0	92.3	93.4	95.3
≥ 800	59.0	77.1	82.2	85.7	88.1	88.5	89.5	90.5	91.4	92.2	92.6	92.7	93.1	93.3	94.5	96.3
≥ 700	59.4	77.6	82.8	86.6	89.0	89.5	90.4	91.5	92.4	93.1	93.5	93.7	94.1	94.3	95.5	97.3
≥ 600	59.4	77.8	83.3	87.1	89.6	90.0	91.0	92.2	93.0	93.8	94.2	94.3	94.7	94.9	96.1	98.0
≥ 500	59.5	78.3	83.9	87.6	90.1	90.5	91.5	92.7	93.5	94.3	94.7	94.8	95.3	95.5	96.7	98.5
≥ 400	59.6	78.7	84.3	88.2	90.8	91.2	92.2	93.3	94.2	94.9	95.4	95.5	95.9	96.1	97.3	99.1
≥ 300	59.6	78.7	84.3	88.3	90.9	91.3	92.3	93.4	94.3	95.1	95.5	95.6	96.0	96.2	97.4	99.2
≥ 200	59.6	78.7	84.3	88.4	91.0	91.4	92.4	93.5	94.4	95.3	95.7	95.8	96.2	96.5	97.6	99.5
≥ 100	59.6	78.7	84.3	88.4	91.0	91.4	92.4	93.5	94.4	95.3	95.7	95.8	96.2	96.5	97.7	99.8
≥ 0	59.6	78.7	84.3	88.4	91.0	91.4	92.4	93.5	94.4	95.3	95.7	95.8	96.2	96.5	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.1	42.3	47.0	50.3	53.5	54.7	57.6	59.7	60.5	62.7	63.4	63.7	64.3	64.5	65.4	67.2
≥ 20000	29.7	45.1	50.0	53.7	57.3	58.7	61.6	63.9	64.7	67.0	67.7	68.0	68.6	68.8	69.7	71.5
≥ 18000	29.7	45.1	50.0	53.7	57.3	58.7	61.6	63.9	64.7	67.0	67.7	68.0	68.6	68.8	69.7	71.5
≥ 16000	29.7	45.1	50.0	53.7	57.3	58.7	61.6	63.9	64.7	67.0	67.7	68.0	68.6	68.8	69.7	71.5
≥ 14000	29.7	45.1	50.0	53.7	57.3	58.7	61.6	63.9	64.7	67.0	67.8	68.1	68.7	68.9	69.8	71.6
≥ 12000	30.9	46.5	51.4	55.1	58.7	60.2	63.1	65.4	66.2	68.5	69.4	69.6	70.3	70.5	71.4	73.2
≥ 10000	32.9	49.1	54.2	58.2	61.9	63.4	66.3	68.6	69.5	71.8	72.7	72.9	73.7	73.9	74.7	76.6
≥ 9000	33.5	50.0	55.3	59.4	63.1	64.6	67.5	69.8	70.6	73.0	73.9	74.1	74.8	75.1	75.9	77.7
≥ 8000	34.6	51.5	56.9	61.1	65.1	66.7	69.7	71.9	72.8	75.2	76.0	76.2	77.0	77.2	78.1	79.9
≥ 7000	35.4	53.2	58.6	63.0	67.1	68.8	72.0	74.3	75.2	77.5	78.4	78.6	79.4	79.6	80.4	82.3
≥ 6000	35.7	54.1	59.7	64.2	68.3	70.0	73.2	75.5	76.3	78.7	79.6	79.8	80.5	80.8	81.6	83.4
≥ 5000	36.3	54.9	60.9	65.4	69.5	71.2	74.4	76.7	77.5	79.9	80.8	81.0	81.7	81.9	82.8	84.6
≥ 4500	36.3	54.9	61.0	65.5	69.6	71.3	74.6	76.9	77.7	80.1	81.0	81.2	81.9	82.2	83.0	84.8
≥ 4000	36.9	55.7	61.9	66.7	70.9	72.6	75.9	78.2	79.0	81.4	82.3	82.5	83.2	83.4	84.3	86.1
≥ 3500	37.2	56.5	62.7	67.4	71.6	73.3	76.7	78.9	79.8	82.2	83.0	83.2	84.0	84.2	85.1	86.9
≥ 3000	37.4	56.9	63.1	67.8	72.2	73.9	77.2	79.5	80.3	82.7	83.5	83.8	84.5	84.7	85.6	87.4
≥ 2500	37.6	57.3	63.5	68.3	72.6	74.3	77.6	79.9	80.8	83.1	84.0	84.2	84.9	85.2	86.0	87.8
≥ 2000	37.7	57.7	64.1	69.0	73.3	75.1	78.4	80.8	81.6	84.0	84.8	85.1	85.8	86.0	86.9	88.7
≥ 1800	37.7	57.8	64.2	69.1	73.4	75.2	78.5	80.9	81.7	84.1	84.9	85.2	85.9	86.1	87.0	88.8
≥ 1500	37.8	58.2	64.6	69.9	74.7	76.5	80.0	82.7	83.5	85.9	86.8	87.0	87.7	88.0	88.8	90.6
≥ 1200	38.9	59.2	65.8	71.3	76.2	78.0	81.5	84.2	85.1	87.4	88.3	88.5	89.2	89.5	90.3	92.2
≥ 1000	39.1	60.3	67.0	72.8	77.8	79.6	83.1	85.8	86.7	89.0	89.9	90.1	90.9	91.1	91.9	93.8
≥ 900	39.2	60.9	67.2	73.0	78.2	79.9	83.4	86.2	87.1	89.5	90.3	90.5	91.3	91.5	92.4	94.2
≥ 800	39.8	61.1	67.7	73.8	78.9	80.6	84.2	87.0	87.8	90.2	91.1	91.3	92.0	92.3	93.1	94.9
≥ 700	39.9	61.5	68.3	74.3	79.6	81.4	84.9	87.7	88.6	91.0	91.8	92.0	92.8	93.0	93.9	95.7
≥ 600	39.9	61.6	68.4	74.4	79.8	81.6	85.3	88.1	88.9	91.3	92.2	92.4	93.1	93.3	94.2	96.0
≥ 500	39.9	62.0	68.9	75.1	80.4	82.4	86.1	88.9	89.8	92.2	93.0	93.2	94.0	94.2	95.1	96.9
≥ 400	39.9	62.3	69.1	75.3	80.9	82.9	86.8	89.8	90.6	93.0	93.9	94.1	94.8	95.1	95.9	97.7
≥ 300	39.9	62.3	69.1	75.3	80.9	82.9	86.8	89.8	90.6	93.3	94.2	94.4	95.2	95.6	96.5	98.6
≥ 200	39.9	62.3	69.1	75.3	80.9	82.9	86.8	89.8	90.6	93.3	94.2	94.4	95.2	95.6	96.5	98.6
≥ 100	39.9	62.3	69.1	75.3	80.9	82.9	86.8	89.8	90.6	93.3	94.2	94.4	95.3	95.7	96.8	99.6
≥ 0	39.9	62.3	69.1	75.3	80.9	82.9	86.8	89.8	90.6	93.3	94.2	94.4	95.3	95.7	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906	ELLINGTON AFB TX	69,72-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.7	54.8	58.6	60.9	62.6	62.8	63.5	63.7	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2
≥ 20000	40.9	60.0	63.9	66.5	68.3	68.6	69.4	69.5	69.6	70.0	70.1	70.1	70.2	70.2	70.2	70.2
≥ 18000	40.9	60.0	63.9	66.5	68.3	68.6	69.4	69.5	69.6	70.0	70.1	70.1	70.2	70.2	70.2	70.2
≥ 16000	40.9	60.1	64.0	66.6	68.4	68.7	69.5	69.6	69.7	70.1	70.2	70.2	70.3	70.3	70.3	70.3
≥ 14000	41.3	60.5	64.4	67.0	68.8	69.1	69.9	70.0	70.1	70.5	70.6	70.6	70.8	70.8	70.8	70.8
≥ 12000	42.3	62.3	66.2	69.0	70.9	71.2	71.9	72.0	72.2	72.6	72.7	72.7	72.8	72.8	72.8	72.8
≥ 10000	43.9	65.5	69.6	72.4	74.4	74.8	75.6	75.7	75.8	76.2	76.3	76.3	76.5	76.5	76.5	76.5
≥ 9000	44.2	65.9	70.0	72.9	74.9	75.5	76.3	76.5	76.6	77.0	77.1	77.1	77.2	77.2	77.2	77.2
≥ 8000	45.4	67.5	71.7	74.7	77.0	77.5	78.4	78.5	78.6	79.0	79.1	79.1	79.2	79.2	79.2	79.2
≥ 7000	46.0	69.1	73.4	76.5	78.7	79.2	80.1	80.3	80.4	80.9	81.0	81.0	81.1	81.1	81.1	81.1
≥ 6000	46.6	70.2	74.6	77.7	80.1	80.6	81.5	81.7	81.8	82.3	82.4	82.4	82.5	82.5	82.5	82.5
≥ 5000	47.2	71.5	75.9	79.0	81.4	81.9	82.8	83.0	83.1	83.5	83.7	83.7	83.8	83.8	83.8	83.8
≥ 4500	47.3	71.8	76.2	79.4	81.7	82.3	83.1	83.3	83.4	83.9	84.0	84.0	84.1	84.1	84.1	84.1
≥ 4000	47.8	72.9	77.4	80.6	83.0	83.5	84.4	84.6	84.7	85.2	85.3	85.3	85.4	85.4	85.4	85.4
≥ 3500	48.6	74.1	78.6	81.8	84.2	84.7	85.6	85.8	85.9	86.3	86.5	86.5	86.6	86.6	86.6	86.6
≥ 3000	49.0	74.9	79.5	82.7	85.2	85.7	86.7	86.9	87.0	87.4	87.5	87.5	87.6	87.6	87.6	87.6
≥ 2500	49.2	75.5	80.2	83.4	85.9	86.5	87.4	87.6	87.7	88.2	88.3	88.3	88.4	88.4	88.4	88.4
≥ 2000	49.8	77.0	81.8	85.1	87.5	88.1	89.0	89.4	89.5	89.9	90.0	90.0	90.1	90.1	90.1	90.1
≥ 1800	50.2	77.5	82.4	85.6	88.1	88.6	89.6	89.9	90.0	90.4	90.5	90.5	90.6	90.6	90.6	90.6
≥ 1500	50.9	78.5	83.3	86.6	89.1	89.7	90.6	91.1	91.2	91.6	91.7	91.7	91.8	91.8	91.8	91.8
≥ 1200	51.7	79.7	84.7	88.1	90.6	91.2	92.3	92.7	92.8	93.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 1000	51.9	80.3	85.5	88.8	91.7	92.3	93.4	93.9	94.0	94.4	94.5	94.5	94.6	94.6	94.6	94.6
≥ 900	52.0	81.0	86.2	89.9	92.8	93.3	94.5	94.9	95.1	95.5	95.6	95.6	95.7	95.7	95.7	95.7
≥ 800	52.2	81.3	86.8	90.4	93.5	94.1	95.4	95.8	95.9	96.3	96.5	96.5	96.6	96.6	96.6	96.6
≥ 700	52.2	81.3	86.8	90.6	93.9	94.6	95.9	96.3	96.7	97.1	97.2	97.2	97.3	97.3	97.3	97.3
≥ 600	52.2	81.4	87.0	91.0	94.2	94.9	96.2	96.7	97.0	97.4	97.5	97.5	97.6	97.6	97.6	97.6
≥ 500	52.2	81.5	87.1	91.1	94.5	95.4	96.7	97.2	97.5	98.2	98.3	98.3	98.5	98.5	98.5	98.5
≥ 400	52.2	81.5	87.1	91.1	94.6	95.5	96.8	97.6	98.0	98.7	98.8	98.8	99.0	99.0	99.1	99.1
≥ 300	52.2	81.5	87.1	91.1	94.6	95.5	96.9	97.8	98.2	99.0	99.2	99.2	99.6	99.7	99.8	99.8
≥ 200	52.2	81.5	87.1	91.1	94.6	95.5	96.9	97.8	98.2	99.0	99.2	99.2	99.6	99.7	99.9	99.9
≥ 100	52.2	81.5	87.1	91.1	94.6	95.5	96.9	97.8	98.2	99.0	99.2	99.2	99.6	99.7	99.9	99.9
≥ 0	52.2	81.5	87.1	91.1	94.6	95.5	96.9	97.8	98.2	99.0	99.2	99.2	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.4	64.3	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	58.3	71.3	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 18000	58.3	71.3	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000	58.3	71.3	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 14000	58.3	71.4	72.6	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	59.0	72.9	74.2	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	60.8	76.1	77.4	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000	60.8	76.6	77.9	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 8000	61.9	78.4	80.0	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	62.3	79.3	81.2	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	62.9	80.1	81.9	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	63.0	81.5	83.6	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4500	63.6	82.2	84.9	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	64.4	83.2	85.5	86.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	65.0	84.3	86.5	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	66.2	85.9	88.2	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	68.0	88.4	90.7	91.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	69.6	90.9	93.3	94.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	69.9	91.1	93.5	94.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	70.3	91.7	94.3	95.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	70.7	92.5	95.6	96.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	70.9	93.1	96.2	97.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	70.9	93.2	96.3	97.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	70.9	93.2	96.3	97.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	70.9	93.2	96.3	97.6	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	70.9	93.2	96.3	97.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	70.9	93.2	96.3	97.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	70.9	93.2	96.3	97.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	70.9	93.2	96.3	97.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	70.9	93.2	96.3	97.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.9	93.2	96.3	97.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.9	93.2	96.3	97.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.1	65.9	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 20000	66.0	75.5	76.5	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	66.0	75.9	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 16000	66.0	75.9	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	66.5	76.6	77.5	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 12000	67.5	78.1	79.0	79.2	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 10000	70.0	81.5	82.5	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 9000	70.2	81.7	82.7	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	71.4	83.2	84.3	84.7	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000	71.9	84.9	86.0	86.5	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	72.3	86.2	87.3	87.7	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000	72.8	88.1	89.1	89.6	9 .1	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4500	73.1	88.4	89.5	89.9	90.4	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4000	73.9	90.0	91.1	91.5	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3500	74.2	90.5	91.6	92.2	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	74.6	91.2	92.3	92.8	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	75.7	92.3	93.3	94.2	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	76.6	93.3	94.4	95.3	96.0	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	76.7	93.5	94.8	95.7	96.5	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	76.8	93.9	95.2	96.0	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	77.5	94.7	96.3	97.2	98.1	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	77.5	94.7	96.5	97.3	98.3	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	77.5	94.7	96.6	97.5	98.7	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	77.5	94.7	96.6	97.5	98.8	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	77.5	94.8	96.7	97.6	98.9	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	77.5	94.8	96.7	97.6	98.9	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	77.5	94.8	96.7	97.7	99.1	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	77.5	94.8	96.7	97.7	99.1	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	77.5	94.8	96.7	97.7	99.1	99.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	77.5	94.8	96.7	97.7	99.1	99.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	77.5	94.8	96.7	97.7	99.1	99.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	77.5	94.8	96.7	97.7	99.1	99.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12916	ELLINGTON AFB TX	69,72-80	OCT
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.6	70.1	70.8	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 20000	60.4	74.5	75.2	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000	60.5	75.2	75.8	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	60.5	75.2	75.8	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	61.6	76.3	77.0	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 12000	63.0	78.2	78.9	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 10000	65.3	81.3	82.0	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 9000	65.4	81.4	82.3	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	66.2	82.5	83.3	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	67.6	84.7	85.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	68.1	85.8	86.8	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000	68.5	86.3	87.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	68.7	86.8	87.7	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	69.7	89.1	90.1	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	69.8	89.5	90.4	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	70.0	89.8	90.9	92.3	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	71.3	91.3	92.4	93.8	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	71.4	91.9	93.1	94.5	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	71.6	92.2	93.3	94.7	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	72.0	92.6	93.9	95.3	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	72.4	93.3	94.7	96.1	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	72.8	94.2	95.7	97.1	97.3	97.6	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	72.9	94.8	96.3	97.7	98.1	98.4	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	72.9	95.1	96.6	98.0	98.5	98.8	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	72.9	95.1	96.7	98.1	98.6	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	72.9	95.4	97.0	98.5	99.0	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	72.9	95.5	97.1	98.6	99.1	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	72.9	95.5	97.1	98.6	99.1	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	72.9	95.5	97.1	98.6	99.1	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	72.9	95.5	97.1	98.6	99.1	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.9	95.5	97.1	98.6	99.1	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	72.9	95.5	97.1	98.6	99.1	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13966	ELLINGTON AFB TX	69,72-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.0	69.7	71.9	72.8	73.0	73.1	73.4	73.4	73.4	73.7	73.7	73.7	73.8	73.9	73.9	73.9
≥ 20000	59.9	73.1	75.5	76.3	76.6	76.7	77.0	77.0	77.0	77.2	77.2	77.2	77.3	77.4	77.4	77.4
≥ 18000	60.2	73.4	75.8	76.7	76.9	77.0	77.3	77.3	77.3	77.5	77.5	77.5	77.6	77.7	77.7	77.7
≥ 16000	60.2	73.4	75.8	76.7	76.9	77.0	77.3	77.3	77.3	77.5	77.5	77.5	77.6	77.7	77.7	77.7
≥ 14000	61.1	74.2	76.6	77.4	77.6	77.7	78.1	78.1	78.1	78.3	78.3	78.3	78.4	78.5	78.5	78.5
≥ 12000	62.2	76.2	78.6	79.5	79.7	79.8	80.1	80.1	80.1	80.3	80.3	80.3	80.4	80.5	80.5	80.5
≥ 10000	64.5	78.9	81.5	82.4	82.6	82.7	83.0	83.0	83.0	83.2	83.2	83.2	83.3	83.4	83.4	83.4
≥ 9000	65.3	79.8	82.4	83.2	83.4	83.5	83.9	83.9	83.9	84.1	84.1	84.1	84.2	84.3	84.3	84.3
≥ 8000	66.3	81.6	84.3	85.2	85.4	85.5	85.8	85.8	85.8	86.0	86.0	86.0	86.1	86.2	86.2	86.2
≥ 7000	67.2	82.8	85.7	86.6	86.8	86.9	87.2	87.2	87.2	87.4	87.4	87.4	87.5	87.6	87.6	87.6
≥ 6000	67.6	83.4	86.3	87.2	87.4	87.5	87.8	87.8	87.8	88.1	88.1	88.1	88.2	88.3	88.3	88.3
≥ 5000	68.6	34.7	87.6	88.6	88.8	88.9	89.2	89.2	89.2	89.5	89.5	89.5	89.6	89.7	89.7	89.7
≥ 4500	68.9	85.3	88.2	89.1	89.4	89.5	89.8	89.8	89.8	90.0	90.0	90.0	90.1	90.2	90.2	90.2
≥ 4000	69.6	86.2	89.2	90.3	90.5	90.6	91.0	91.0	91.0	91.2	91.2	91.2	91.3	91.4	91.4	91.4
≥ 3500	69.8	86.6	89.6	90.6	90.9	91.0	91.3	91.3	91.3	91.5	91.5	91.5	91.6	91.7	91.7	91.7
≥ 3000	70.9	87.3	90.5	91.6	91.8	91.9	92.4	92.4	92.4	92.6	92.6	92.6	92.7	92.8	92.3	92.8
≥ 2500	71.1	88.0	91.2	92.3	92.5	92.6	93.0	93.1	93.1	93.3	93.3	93.3	93.4	93.5	93.5	93.5
≥ 2000	71.9	89.4	92.6	93.7	93.9	94.0	94.4	94.5	94.5	94.7	94.7	94.7	94.8	94.9	94.9	94.9
≥ 1800	72.2	89.7	92.9	94.0	94.2	94.3	94.7	94.8	94.8	95.1	95.1	95.1	95.2	95.3	95.3	95.3
≥ 1500	72.9	90.0	93.2	94.3	94.6	94.7	95.2	95.3	95.3	95.5	95.5	95.5	95.6	95.7	95.7	95.7
≥ 1200	72.8	90.9	94.1	95.2	95.5	95.6	96.1	96.2	96.2	96.5	96.5	96.5	96.6	96.7	96.7	96.7
≥ 1000	73.0	91.3	94.5	95.6	95.9	96.0	96.6	96.7	96.7	96.9	96.9	96.9	97.0	97.1	97.1	97.1
≥ 900	73.4	92.4	95.6	96.7	97.0	97.1	97.6	97.7	97.7	98.0	98.0	98.0	98.1	98.2	98.2	98.2
≥ 800	73.9	93.0	96.2	97.3	97.7	97.8	98.5	98.6	98.6	98.8	98.8	98.8	98.9	99.0	99.0	99.0
≥ 700	74.0	93.2	96.5	97.5	98.0	98.1	98.7	98.8	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2
≥ 600	74.0	93.2	96.8	98.0	98.4	98.5	99.1	99.2	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.7
≥ 500	74.1	93.4	97.0	98.2	98.6	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 400	74.1	93.4	97.0	98.2	98.6	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 300	74.1	93.4	97.0	98.2	98.6	98.8	99.5	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	74.1	93.4	97.0	98.2	98.6	98.8	99.5	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	74.1	93.4	97.0	98.2	98.6	98.8	99.5	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	74.1	93.4	97.0	98.2	98.6	98.8	99.5	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]5	ELLINGTON AFB TX	69,72-80	OCT
STATION	STATION NAME	YEARS	MONTH

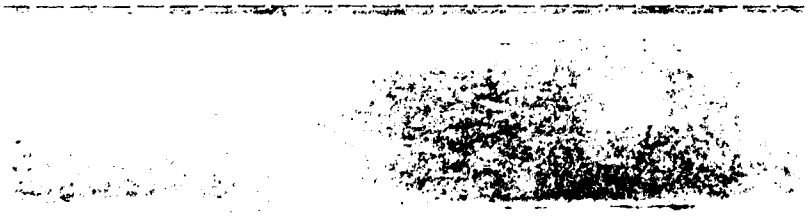
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.9	61.3	63.7	65.3	66.4	66.6	67.3	67.7	68.[illegible]	68.4	68.6	68.7	68.9	68.9	69.2	69.7
≥ 20000	52.5	65.9	68.5	70.2	71.4	71.7	72.3	72.8	73.1	73.5	73.8	73.8	74.0	74.1	74.4	74.9
≥ 18000	52.5	66.1	68.7	70.4	71.6	71.9	72.6	73.0	73.3	73.7	74.0	74.0	74.2	74.3	74.6	75.1
≥ 16000	52.5	66.1	68.8	70.4	71.6	71.9	72.6	73.0	73.3	73.8	74.0	74.1	74.2	74.3	74.6	75.1
≥ 14000	53.[illegible]	66.6	69.3	71.0	72.1	72.4	73.1	73.5	73.8	74.3	74.5	74.6	74.8	74.9	75.2	75.7
≥ 12000	53.9	68.[illegible]	70.7	72.4	73.6	74.[illegible]	74.6	75.1	75.3	75.8	76.1	76.1	76.3	76.4	76.7	77.2
≥ 10000	55.[illegible]	71.0	73.7	75.5	76.8	77.1	77.8	78.3	78.5	79.0	79.3	79.3	79.5	79.6	79.9	80.4
≥ 9000	56.4	71.6	74.4	76.2	77.5	77.8	78.5	79.0	79.3	79.8	80.0	80.1	80.3	80.3	80.7	81.1
≥ 8000	57.6	73.3	76.3	78.2	79.6	80.0	80.7	81.1	81.4	81.9	82.1	82.2	82.4	82.5	82.8	83.3
≥ 7000	58.4	74.8	77.8	79.8	81.2	81.6	82.3	82.8	83.1	83.6	83.8	83.9	84.1	84.2	84.5	84.9
≥ 6000	58.9	75.7	78.9	80.8	82.3	82.7	83.4	83.9	84.1	84.6	84.9	84.9	85.1	85.2	85.5	86.[illegible]
≥ 5000	59.5	76.9	80.1	82.1	83.6	84.0	84.7	85.2	85.5	86.[illegible]	86.2	86.3	86.5	86.6	86.9	87.4
≥ 4500	59.7	77.2	80.4	82.5	84.0	84.4	85.1	85.6	85.9	86.4	86.7	86.7	86.9	87.0	87.3	87.8
≥ 4000	60.4	78.5	81.7	83.9	85.4	85.8	86.6	87.1	87.3	87.8	88.1	88.1	88.3	88.4	88.7	89.2
≥ 3500	60.8	79.1	82.3	84.6	86.1	86.5	87.3	87.7	88.0	88.5	88.8	88.8	89.0	89.1	89.4	89.9
≥ 3000	61.3	79.8	83.2	85.4	87.0	87.4	88.2	88.7	88.9	89.4	89.7	89.7	89.9	90.0	90.3	90.8
≥ 2500	62.1	80.8	84.1	86.4	88.0	88.5	89.2	89.7	90.0	90.5	90.8	90.8	91.0	91.1	91.4	91.9
≥ 2000	62.6	82.1	85.5	87.8	89.4	89.9	90.7	91.2	91.5	92.0	92.2	92.3	92.5	92.6	92.9	93.4
≥ 1800	62.8	82.2	85.8	88.1	89.7	90.1	90.9	91.5	91.7	92.2	92.5	92.6	92.8	92.8	93.1	93.6
≥ 1600	63.2	82.8	86.4	88.8	90.5	90.9	91.7	92.3	92.6	93.1	93.4	93.4	93.6	93.7	94.0	94.5
≥ 1400	63.8	83.7	87.5	90.0	91.7	92.2	93.1	93.7	93.9	94.4	94.7	94.7	94.9	95.0	95.3	95.8
≥ 1200	64.1	84.3	88.2	90.7	92.6	93.0	93.9	94.5	94.8	95.3	95.6	95.6	95.8	95.9	96.2	96.7
≥ 1000	64.2	84.8	88.6	91.2	93.1	93.6	94.5	95.1	95.4	95.9	96.2	96.2	96.4	96.5	96.8	97.3
≥ 900	64.4	85.1	89.0	91.7	93.7	94.2	95.1	95.7	96.0	96.5	96.8	96.8	97.0	97.1	97.4	97.9
≥ 800	64.5	85.3	89.3	92.0	94.1	94.6	95.5	96.2	96.5	96.9	97.2	97.3	97.5	97.6	97.9	98.4
≥ 700	64.5	85.5	89.6	92.3	94.4	94.9	95.9	96.5	96.8	97.3	97.6	97.7	97.9	98.0	98.3	98.7
≥ 600	64.5	85.7	89.8	92.5	94.7	95.2	96.2	96.9	97.2	97.7	98.0	98.1	98.3	98.3	98.7	99.1
≥ 500	64.6	85.8	89.9	92.6	94.8	95.4	96.4	97.2	97.5	98.0	98.3	98.3	98.6	98.6	99.0	99.4
≥ 400	64.6	85.8	89.9	92.7	94.9	95.5	96.5	97.2	97.5	98.1	98.4	98.5	98.7	98.8	99.2	99.7
≥ 300	64.6	85.8	89.9	92.7	94.9	95.5	96.5	97.2	97.5	98.1	98.5	98.5	98.7	98.9	99.2	99.7
≥ 200	64.6	85.8	89.9	92.7	94.9	95.5	96.5	97.2	97.5	98.1	98.5	98.5	98.7	98.9	99.2	99.9
≥ 100	64.6	85.8	89.9	92.7	94.9	95.5	96.5	97.2	97.5	98.1	98.5	98.5	98.7	98.9	99.3	100.0
≥ 0	64.6	85.8	89.9	92.7	94.9	95.5	96.5	97.2	97.5	98.1	98.5	98.5	98.7	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12916	ELLINGTON AFB TX	69,72-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.1	48.7	49.6	51.1	52.1	52.2	53.2	53.3	53.4	54.0	54.1	54.1	54.6	54.8	55.3	57.6
≥ 20000	44.3	52.1	53.0	54.6	55.6	55.7	56.7	56.8	56.9	57.4	57.6	57.6	58.0	58.2	58.8	61.[illegible]
≥ 18000	44.3	52.1	53.0	54.6	55.6	55.7	56.7	56.8	56.9	57.4	57.6	57.6	58.0	58.2	58.8	61.[illegible]
≥ 16000	44.3	52.1	53.0	54.6	55.6	55.7	56.7	56.8	56.9	57.4	57.6	57.6	58.0	58.2	58.8	61.0
≥ 14000	44.8	52.6	53.4	55.0	56.0	56.1	57.1	57.2	57.3	57.9	58.0	58.0	58.4	58.7	59.2	61.4
≥ 12000	45.3	53.4	54.3	55.9	57.2	57.3	58.3	58.4	58.6	59.1	59.2	59.2	59.7	59.9	60.4	62.7
≥ 10000	46.3	54.8	55.7	57.2	58.6	58.7	59.7	59.8	59.9	60.4	60.6	60.6	61.0	61.2	61.8	64.[illegible]
≥ 9000	46.6	55.1	56.0	57.6	58.9	59.0	60.0	60.1	60.2	60.8	60.9	60.9	61.3	61.6	62.1	64.3
≥ 8000	47.7	56.4	57.6	59.2	60.6	60.7	61.7	61.8	61.9	62.4	62.6	62.6	63.0	63.2	63.8	66.[illegible]
≥ 7000	49.9	59.4	60.6	62.2	63.6	63.7	64.7	64.8	64.9	65.6	65.7	65.7	66.1	66.3	67.0	69.2
≥ 6000	51.2	61.6	62.7	64.4	65.8	65.9	66.9	67.2	67.3	68.0	68.1	68.1	68.6	68.8	69.4	71.7
≥ 5000	52.7	63.4	64.6	66.4	67.8	67.9	68.9	69.2	69.3	70.0	70.1	70.1	70.6	70.8	71.4	73.7
≥ 4500	52.8	64.1	65.2	67.1	68.4	68.6	69.6	70.0	70.1	70.8	70.9	70.9	71.3	71.6	72.2	74.4
≥ 4000	54.1	65.7	66.8	68.8	70.1	70.2	71.2	71.7	71.8	72.4	72.6	72.6	73.0	73.2	73.9	76.1
≥ 3500	55.0	66.8	67.9	69.9	71.2	71.3	72.3	72.8	72.9	73.6	73.7	73.7	74.1	74.3	75.0	77.2
≥ 3000	56.3	68.6	69.7	71.7	73.1	73.2	74.2	74.7	74.8	75.4	75.6	75.6	76.1	76.3	77.0	79.2
≥ 2500	57.6	70.4	71.7	73.8	75.3	75.4	76.4	76.9	77.0	77.7	77.8	77.8	78.3	78.6	79.2	81.4
≥ 2000	59.0	72.4	73.7	76.0	77.7	77.8	78.8	79.2	79.3	80.0	80.1	80.1	80.7	80.9	81.6	83.8
≥ 1800	59.1	72.8	74.0	76.3	78.0	78.1	79.1	79.6	79.7	80.3	80.4	80.4	81.0	81.2	81.9	84.1
≥ 1500	59.7	74.0	75.2	77.7	79.3	79.4	80.4	80.9	81.0	81.7	81.9	81.9	82.4	82.7	83.3	85.6
≥ 1200	60.7	75.8	77.3	79.8	81.7	81.8	82.8	83.2	83.3	84.0	84.2	84.2	84.8	85.1	85.8	88.[illegible]
≥ 1000	61.2	77.0	78.8	81.4	83.3	83.4	84.4	84.9	85.0	85.7	85.9	85.9	86.4	86.8	87.4	89.7
≥ 900	61.9	78.6	80.4	83.1	85.1	85.2	86.2	86.7	86.8	87.4	87.7	87.7	88.2	88.6	89.2	91.4
≥ 800	62.3	79.9	81.8	84.4	86.6	86.7	87.7	88.1	88.2	88.9	89.1	89.1	89.7	90.0	90.7	92.9
≥ 700	62.6	80.6	82.6	85.3	87.4	87.6	88.6	89.0	89.1	89.8	90.0	90.0	90.6	90.9	91.6	93.8
≥ 600	62.6	81.9	84.0	86.8	88.9	89.0	90.0	90.4	90.6	91.2	91.4	91.4	92.0	92.3	93.0	95.2
≥ 500	62.6	82.4	84.8	87.7	89.9	90.0	91.0	91.4	91.6	92.3	92.6	92.6	93.1	93.4	94.1	96.3
≥ 400	62.6	82.8	85.2	88.3	90.6	90.7	91.7	92.2	92.6	93.3	93.6	93.6	94.1	94.4	95.1	97.3
≥ 300	62.6	83.0	85.4	88.6	90.9	91.0	92.2	92.8	93.1	93.9	94.1	94.1	94.8	95.1	95.8	98.[illegible]
≥ 200	62.6	83.0	85.4	88.6	90.9	91.0	92.4	93.3	93.7	94.4	94.7	94.7	95.3	95.9	96.6	98.8
≥ 100	62.6	83.0	85.4	88.6	90.9	91.0	92.4	93.3	93.7	94.4	94.7	94.7	95.4	96.2	97.4	99.9
≥ 0	62.6	83.0	85.4	88.6	90.9	91.0	92.4	93.3	93.7	94.4	94.7	94.7	95.4	96.2	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 90[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12956 | ELLINGTON AFB TX | 69,72-80 | NOV

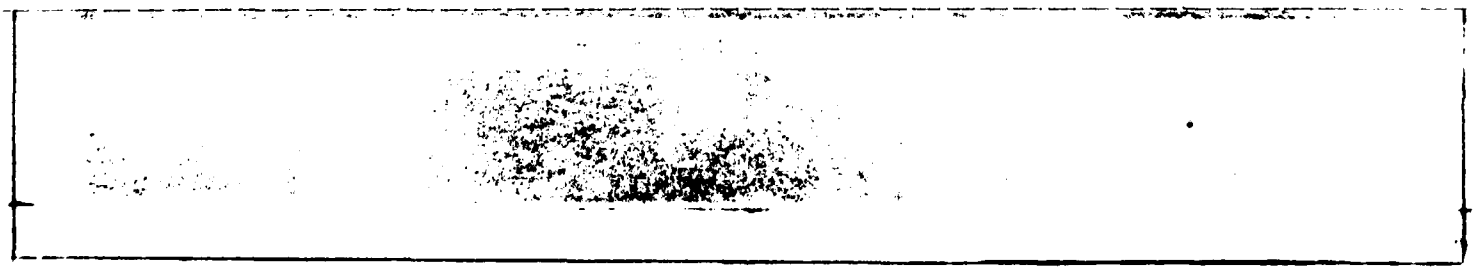
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.7	46.1	47.8	49.1	50.6	50.8	52.2	52.3	52.4	52.9	53.1	53.1	53.3	53.8	54.8	56.7
≥ 20000	40.3	47.9	49.6	50.9	52.3	52.6	54.0	54.1	54.2	54.7	54.9	54.9	55.1	55.6	56.6	58.4
≥ 18000	40.3	47.9	49.6	50.9	52.3	52.6	54.0	54.1	54.2	54.7	54.9	54.9	55.1	55.6	56.6	58.4
≥ 16000	40.3	47.9	49.6	50.9	52.3	52.6	54.0	54.1	54.2	54.7	54.9	54.9	55.1	55.6	56.6	58.4
≥ 14000	40.8	48.3	50.0	51.3	52.8	53.0	54.4	54.6	54.7	55.1	55.3	55.3	55.6	56.0	57.0	58.9
≥ 12000	41.2	48.9	50.6	51.9	53.3	53.6	55.0	55.1	55.2	55.7	55.9	55.9	56.1	56.6	57.9	59.8
≥ 10000	43.0	50.8	52.4	53.8	55.2	55.4	56.9	57.0	57.1	57.6	57.8	57.8	58.0	58.4	59.8	61.7
≥ 9000	43.0	51.1	52.8	54.1	55.6	55.8	57.2	57.3	57.4	57.9	58.1	58.1	58.3	58.8	60.1	62.0
≥ 8000	44.7	52.9	54.8	56.1	57.6	57.8	59.2	59.3	59.4	59.9	60.1	60.1	60.3	60.8	62.1	64.0
≥ 7000	46.2	55.0	57.1	58.4	59.9	60.1	61.6	61.7	61.8	62.2	62.4	62.4	62.7	63.1	64.6	66.6
≥ 6000	47.9	56.9	59.1	60.4	61.9	62.1	63.6	63.7	63.8	64.2	64.4	64.4	64.7	65.1	66.6	68.6
≥ 5000	48.7	58.7	61.0	62.3	63.8	64.0	65.4	65.6	65.7	66.1	66.3	66.3	66.7	67.1	68.6	70.6
≥ 4500	49.7	60.2	62.9	64.2	65.7	65.9	67.3	67.4	67.6	68.0	68.2	68.2	68.6	69.0	70.4	72.4
≥ 4000	50.7	61.7	64.3	65.7	67.1	67.3	68.8	68.9	69.0	69.4	69.7	69.7	70.0	70.4	71.9	73.9
≥ 3500	51.4	62.4	65.2	66.6	68.1	68.3	69.8	69.9	70.0	70.4	70.7	70.7	71.0	71.4	72.9	74.9
≥ 3000	53.0	64.2	67.1	68.4	70.0	70.2	71.7	71.8	71.9	72.4	72.7	72.7	73.0	73.4	75.0	77.0
≥ 2500	54.3	66.7	69.7	71.0	72.6	72.8	74.2	74.4	74.6	75.1	75.4	75.6	75.9	76.3	77.9	79.9
≥ 2000	55.3	68.1	71.2	72.7	74.3	74.6	76.0	76.2	76.3	76.9	77.2	77.3	77.7	78.2	79.8	81.8
≥ 1800	55.8	68.8	71.9	73.3	75.0	75.2	76.7	77.0	77.1	77.7	78.0	78.1	78.4	79.0	80.6	82.6
≥ 1500	56.7	70.7	73.8	75.2	76.9	77.1	78.6	78.9	79.0	79.6	79.9	80.0	80.3	80.9	92.4	94.4
≥ 1200	57.2	71.4	75.0	76.9	78.6	78.8	80.2	80.6	80.7	81.2	81.7	81.8	82.1	82.7	84.2	86.2
≥ 1000	57.6	72.6	76.3	78.2	79.9	80.1	81.6	81.9	82.0	82.6	83.0	83.1	83.4	84.0	85.6	87.6
≥ 900	58.1	73.8	77.7	79.6	81.2	81.4	82.9	83.2	83.3	83.9	84.3	84.4	84.8	85.3	86.9	88.9
≥ 800	58.4	75.2	79.3	81.2	82.9	83.1	84.6	84.9	85.0	85.6	86.0	86.1	86.4	87.0	88.6	90.6
≥ 700	58.7	76.1	80.2	82.1	83.8	84.0	85.4	85.8	85.9	86.4	86.9	87.0	87.3	87.9	89.4	91.4
≥ 600	58.7	77.1	81.7	83.8	85.4	85.7	87.1	87.4	87.6	88.1	88.6	88.7	89.0	89.6	91.1	93.1
≥ 500	58.8	78.1	82.9	85.2	87.0	87.2	88.7	89.0	89.1	89.7	90.1	90.2	90.6	91.1	92.7	94.7
≥ 400	58.8	78.7	83.4	86.1	88.0	88.2	89.8	90.1	90.2	90.8	91.2	91.3	91.7	92.2	93.8	95.8
≥ 300	58.8	78.7	83.4	86.2	88.1	88.4	90.2	90.6	90.7	91.2	91.7	91.8	92.1	92.7	94.2	96.2
≥ 200	58.8	78.7	83.4	86.2	88.1	88.4	90.4	91.1	91.4	92.0	92.8	92.9	93.2	93.9	95.6	97.7
≥ 100	58.8	78.7	83.4	86.2	88.1	88.4	90.4	91.1	91.4	92.0	92.9	93.0	93.3	94.2	96.2	99.1
≥ 0	58.8	78.7	83.4	86.2	88.1	88.4	90.4	91.1	91.4	92.0	92.9	93.0	93.3	94.2	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906	ELLINGTON AFB TX	69,72-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.7	39.2	42.8	44.7	46.4	47.1	48.3	48.8	49.1	49.6	50.0	50.0	50.7	51.0	51.9	53.7
≥ 20000	32.9	41.2	44.9	47.1	49.0	49.7	50.9	51.3	51.7	52.3	52.8	52.8	53.4	53.8	54.8	56.6
≥ 18000	32.9	41.2	44.9	47.1	49.0	49.7	50.9	51.3	51.7	52.3	52.8	52.8	53.4	53.8	54.8	56.6
≥ 16000	32.9	41.2	44.9	47.1	49.0	49.7	50.9	51.3	51.7	52.3	52.8	52.8	53.4	53.8	54.8	56.6
≥ 14000	33.1	41.7	45.3	47.6	49.4	50.1	51.3	51.8	52.1	52.8	53.2	53.2	53.9	54.2	55.2	57.0
≥ 12000	33.4	42.3	46.1	48.4	50.3	51.0	52.2	52.7	53.0	53.7	54.1	54.1	54.8	55.2	56.3	58.1
≥ 10000	34.1	43.3	47.3	49.7	51.6	52.2	53.4	53.9	54.2	54.9	55.3	55.3	56.0	56.4	57.6	59.3
≥ 9000	34.2	43.6	47.7	50.1	52.0	52.7	53.9	54.3	54.7	55.3	55.8	55.8	56.4	56.9	58.0	59.8
≥ 8000	35.3	45.1	49.6	52.0	53.9	54.6	55.8	56.2	56.6	57.2	57.7	57.7	58.3	58.8	59.9	61.7
≥ 7000	36.1	46.7	51.2	53.7	55.9	56.8	58.1	58.6	59.0	59.7	60.1	60.1	60.9	61.3	62.4	64.2
≥ 6000	36.9	48.2	52.9	56.0	58.2	59.1	60.4	60.9	61.3	62.0	62.4	62.4	63.2	63.7	64.8	66.6
≥ 5000	38.7	50.6	55.3	58.7	61.0	61.9	63.2	63.7	64.1	64.8	65.2	65.2	66.0	66.4	67.6	69.3
≥ 4500	39.2	51.3	56.2	59.6	61.9	62.8	64.1	64.6	65.0	65.7	66.1	66.1	66.9	67.3	68.4	70.2
≥ 4000	40.1	53.3	58.3	62.1	64.3	65.2	66.6	67.0	67.4	68.3	68.8	68.8	69.6	70.0	71.1	72.9
≥ 3500	41.2	54.8	59.8	63.6	66.0	67.0	68.3	68.8	69.2	70.1	70.6	70.7	71.4	71.9	73.0	74.8
≥ 3000	41.7	56.2	61.6	65.7	68.6	69.6	71.2	71.9	72.3	73.6	74.0	74.1	75.1	75.6	76.8	78.6
≥ 2500	43.1	58.3	63.9	68.2	71.3	72.3	74.0	74.7	75.1	76.3	76.8	76.9	77.9	78.3	79.6	81.3
≥ 2000	43.8	59.4	65.1	69.6	72.9	73.9	75.6	76.2	76.7	77.9	78.3	78.4	79.4	79.9	81.1	83.0
≥ 1800	44.0	60.2	65.9	70.3	73.8	74.8	76.4	77.1	77.6	78.8	79.2	79.3	80.3	80.8	82.0	83.9
≥ 1500	44.3	61.3	67.0	71.7	75.1	76.2	77.9	78.6	79.0	80.2	80.7	80.8	81.8	82.2	83.4	85.3
≥ 1200	44.8	62.8	68.8	73.4	77.1	78.2	80.1	80.8	81.2	82.4	82.9	83.0	84.1	84.6	85.8	87.7
≥ 1000	44.9	63.3	69.3	74.0	77.8	78.9	80.8	81.7	82.1	83.3	83.8	83.9	85.0	85.4	86.7	88.6
≥ 900	45.1	63.9	69.9	74.8	78.6	79.8	81.7	82.6	83.0	84.2	84.7	84.8	85.9	86.3	87.6	89.4
≥ 800	45.2	64.6	70.7	75.7	79.7	80.9	82.8	83.7	84.1	85.4	85.9	86.0	87.1	87.6	88.8	90.7
≥ 700	45.2	65.4	71.6	76.9	81.0	82.2	84.1	85.1	85.6	87.0	87.6	87.7	88.8	89.2	90.4	92.3
≥ 600	45.2	65.8	72.1	77.7	81.9	83.2	85.1	86.1	86.6	88.1	88.7	88.8	89.9	90.3	91.6	93.4
≥ 500	45.2	66.3	72.7	78.3	82.7	84.0	86.0	87.2	87.8	89.3	90.0	90.1	91.2	91.7	92.9	94.8
≥ 400	45.2	66.4	72.9	79.0	83.6	84.9	87.0	88.2	88.8	90.7	91.3	91.4	92.6	93.0	94.2	96.1
≥ 300	45.2	66.4	72.9	79.0	83.7	85.1	87.2	88.4	89.0	90.9	91.6	91.7	92.8	93.2	94.4	96.4
≥ 200	45.2	66.4	72.9	79.1	83.8	85.2	87.4	88.8	89.4	91.3	92.1	92.3	93.6	94.1	95.4	97.7
≥ 100	45.2	66.4	72.9	79.1	83.8	85.2	87.4	88.8	89.4	91.3	92.3	92.7	93.9	94.4	95.9	99.2
≥ 0	45.2	66.4	72.9	79.1	83.8	85.2	87.4	88.8	89.4	91.3	92.3	92.7	93.9	94.4	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 76 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906	ELLINGTON AFB TX	69,72-80		NOV
STATION	STATION NAME	YEARS		MONTH

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.1	48.3	49.4	50.3	50.6	50.9	51.2	51.3	51.3	51.6	51.7	51.7	51.8	51.8	51.8	51.9
≥ 20000	38.1	51.2	52.9	54.0	54.2	54.6	55.0	55.2	55.2	55.4	55.6	55.6	55.7	55.7	55.7	55.8
≥ 18000	38.1	51.4	53.1	54.2	54.4	54.8	55.2	55.4	55.4	55.7	55.8	55.8	55.9	55.9	55.9	56.0
≥ 16000	38.1	51.4	53.1	54.2	54.4	54.8	55.2	55.4	55.4	55.7	55.8	55.8	55.9	55.9	55.9	56.0
≥ 14000	38.1	51.6	53.2	54.4	54.7	55.0	55.4	55.7	55.7	55.9	56.0	56.0	56.1	56.1	56.1	56.2
≥ 12000	38.7	52.7	54.4	55.7	55.9	56.2	56.7	56.9	56.9	57.1	57.2	57.2	57.3	57.3	57.3	57.4
≥ 10000	40.7	55.2	57.1	58.3	58.6	58.9	59.3	59.6	59.7	59.9	60.0	60.0	60.1	60.1	60.1	60.2
≥ 9000	41.2	56.3	58.2	59.4	59.7	60.0	60.4	60.7	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.3
≥ 8000	42.2	58.6	60.7	61.9	62.1	62.4	63.0	63.2	63.3	63.6	63.7	63.7	63.8	63.8	63.8	63.9
≥ 7000	43.1	59.7	62.0	63.4	63.7	64.0	64.8	65.0	65.1	65.3	65.4	65.4	65.6	65.6	65.6	65.7
≥ 6000	43.9	61.1	63.7	65.3	65.8	66.1	66.9	67.1	67.2	67.4	67.6	67.6	67.7	67.7	67.7	67.8
≥ 5000	45.4	63.3	66.0	67.7	68.1	68.4	69.2	69.4	69.6	69.8	69.9	69.9	70.0	70.0	70.0	70.1
≥ 4500	45.9	64.2	67.1	68.8	69.3	69.7	70.4	70.7	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.3
≥ 4000	47.4	66.7	69.8	71.4	72.0	72.3	73.2	73.6	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.2
≥ 3500	47.8	67.7	70.9	72.6	73.4	73.8	74.7	75.0	75.1	75.3	75.6	75.6	75.7	75.7	75.7	75.8
≥ 3000	48.0	69.0	72.2	74.2	75.1	75.4	76.6	76.9	77.0	77.2	77.4	77.4	77.6	77.6	77.6	77.7
≥ 2500	48.6	70.8	74.0	76.4	77.6	77.9	79.0	79.3	79.4	79.7	79.9	79.9	80.0	80.0	80.0	80.1
≥ 2000	50.0	73.7	76.9	79.4	80.8	81.1	82.2	82.6	82.7	82.9	83.1	83.1	83.2	83.2	83.2	83.3
≥ 1800	50.2	74.3	77.7	80.4	81.8	82.1	83.2	83.6	83.7	83.9	84.1	84.1	84.2	84.2	84.2	84.3
≥ 1500	50.8	76.0	79.7	82.4	83.8	84.2	85.3	85.7	85.8	86.0	86.2	86.2	86.3	86.3	86.3	86.4
≥ 1200	51.4	78.0	82.0	84.9	86.2	86.7	87.9	88.2	88.3	88.6	88.8	88.8	88.9	88.9	88.9	89.0
≥ 1000	51.8	79.0	83.0	85.9	87.6	88.0	89.2	89.6	89.7	89.9	90.1	90.1	90.2	90.2	90.2	90.3
≥ 900	51.9	79.7	83.8	86.7	88.6	89.0	90.2	90.6	90.8	91.0	91.2	91.3	91.4	91.4	91.4	91.6
≥ 800	52.3	80.7	85.0	87.9	89.8	90.3	91.6	92.0	92.2	92.4	92.7	92.8	92.9	92.9	92.9	93.0
≥ 700	52.6	81.2	85.7	88.9	91.6	92.7	93.9	94.4	94.7	94.9	95.1	95.2	95.3	95.3	95.3	95.4
≥ 600	52.8	81.4	85.9	89.3	92.2	93.6	94.9	95.4	95.7	95.9	96.1	96.2	96.3	96.3	96.3	96.4
≥ 500	52.8	81.6	86.1	89.8	92.7	94.1	95.6	96.1	96.3	96.7	96.9	97.0	97.1	97.1	97.1	97.2
≥ 400	52.8	81.7	86.2	89.9	92.9	94.4	96.0	96.8	97.1	97.6	97.9	98.0	98.1	98.1	98.1	98.2
≥ 300	52.8	81.7	86.2	89.9	92.9	94.7	96.3	97.1	97.4	98.1	98.4	98.7	98.9	98.9	98.9	99.0
≥ 200	52.8	81.7	86.2	89.9	92.9	94.7	96.3	97.2	97.6	98.2	98.8	99.1	99.4	99.4	99.6	99.8
≥ 100	52.8	81.7	86.2	89.9	92.9	94.7	96.3	97.2	97.6	98.2	98.8	99.1	99.4	99.6	99.8	100.0
≥ 0	52.8	81.7	86.2	89.9	92.9	94.7	96.3	97.2	97.6	98.2	98.8	99.1	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13967	ELLINGTON AFB TX	69,72-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.3	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	51.6	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	51.6	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	51.6	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	51.7	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 12000	52.8	60.4	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 10000	54.2	62.2	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	54.4	62.8	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 8000	56.0	65.1	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 7000	57.9	67.7	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 6000	59.3	69.4	70.3	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	60.2	71.0	71.9	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	61.2	72.1	73.0	73.1	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	62.6	74.3	75.3	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500	63.6	76.0	77.0	77.3	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	65.1	79.2	80.2	80.8	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	66.1	80.9	81.9	82.4	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	68.3	84.3	85.6	86.1	87.0	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	68.3	84.9	86.2	86.9	87.8	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	69.2	87.1	88.6	89.2	90.1	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	69.6	88.6	90.1	90.9	91.9	92.0	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	69.8	88.9	90.6	91.6	92.6	92.7	92.8	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	69.9	89.6	91.2	92.2	93.3	93.4	93.6	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	69.9	89.7	91.6	93.0	94.3	94.4	94.6	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	69.9	89.8	91.8	93.6	95.3	96.2	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	69.9	89.9	92.0	93.8	95.9	96.8	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	69.9	89.9	92.1	93.9	96.7	97.7	98.3	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	69.9	89.9	92.1	93.9	96.7	97.7	98.6	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 300	69.9	89.9	92.1	93.9	96.7	97.8	98.7	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	69.9	89.9	92.1	93.9	96.7	97.8	98.7	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	69.9	89.9	92.1	93.9	96.7	97.8	98.7	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	69.9	89.9	92.1	93.9	96.7	97.8	98.7	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.7	57.1	57.2	57.3	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	55.6	62.4	62.8	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	55.6	62.4	62.8	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	55.8	62.7	63.0	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	56.2	63.4	63.8	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	57.2	64.6	64.9	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	58.1	66.2	66.6	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	58.7	66.9	67.4	67.7	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	59.0	67.9	68.4	68.7	68.8	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 7000	61.3	70.9	71.9	72.1	72.2	72.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	63.6	73.2	74.3	74.7	75.0	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	65.0	75.2	76.6	77.0	77.4	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500	66.3	76.8	78.1	78.6	79.0	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	67.2	78.1	79.6	80.0	80.6	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3500	68.8	80.1	81.7	82.1	82.7	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	69.4	81.8	83.6	84.2	84.8	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	70.2	83.4	85.3	86.0	86.6	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	71.7	85.7	87.7	88.4	89.1	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	71.8	86.1	88.2	89.1	89.8	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	72.4	87.4	89.6	90.4	91.1	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	72.4	88.1	90.3	91.3	92.0	92.2	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	72.9	90.3	92.7	93.8	94.6	94.8	95.2	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	73.0	90.6	92.9	94.1	94.9	95.1	95.6	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	73.1	90.7	93.2	94.4	95.6	95.8	96.2	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	73.0	90.8	93.3	94.6	95.8	96.1	96.7	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	73.0	91.0	93.8	95.0	96.2	96.6	97.1	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	73.0	91.0	93.9	95.4	97.1	97.4	98.2	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	73.0	91.0	93.9	95.6	97.3	97.9	98.8	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	73.0	91.0	93.9	95.6	97.3	97.9	98.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.0	91.0	93.9	95.6	97.3	97.9	98.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.0	91.0	93.9	95.6	97.3	97.9	98.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.0	91.0	93.9	95.6	97.3	97.9	98.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

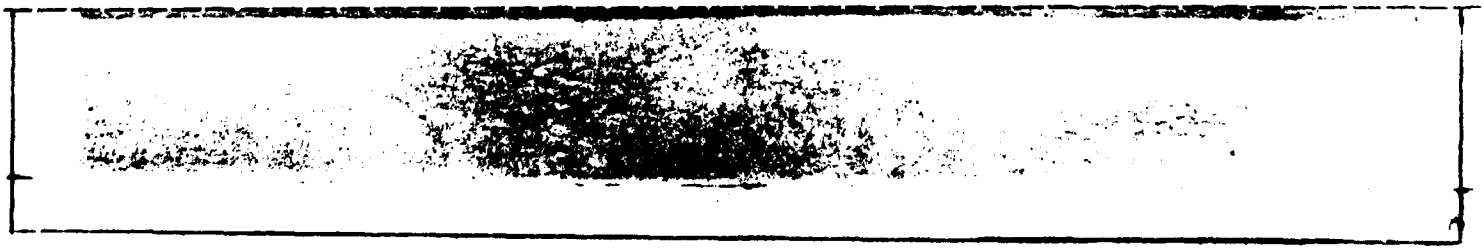
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.0	57.7	58.3	58.6	58.7	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	54.9	62.3	62.8	63.2	63.3	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	54.9	62.3	62.8	63.2	63.3	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	55.1	62.5	63.1	63.4	63.5	63.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 14000	55.8	63.2	63.7	64.1	64.2	64.2	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	56.8	64.2	64.7	65.1	65.2	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 10000	58.1	65.5	66.1	66.4	66.5	66.5	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 9000	58.3	66.0	66.6	67.0	67.1	67.1	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 8000	59.4	67.4	68.1	68.4	68.5	68.5	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	61.0	69.0	69.4	70.8	70.9	70.9	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000	62.2	71.2	71.9	72.2	72.3	72.3	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 5000	65.5	74.6	75.2	75.6	75.7	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4500	66.2	75.7	76.3	76.7	76.8	76.8	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	67.4	77.5	78.2	78.7	78.8	78.8	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3500	68.1	78.5	79.2	79.8	79.9	79.9	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	68.3	80.5	81.3	81.8	81.9	81.9	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	68.9	82.4	83.1	83.7	83.9	83.9	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2000	70.4	85.7	86.6	87.4	87.6	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	70.5	86.3	87.3	88.1	88.3	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	70.8	87.2	88.3	89.1	89.3	89.3	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	72.0	89.4	90.5	91.3	91.5	91.5	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	72.4	90.3	91.5	92.4	93.0	93.0	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	72.8	91.3	92.6	93.8	94.4	94.4	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	73.0	91.7	93.2	94.3	95.0	95.0	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	73.0	92.2	93.6	94.8	95.4	95.4	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	73.0	92.9	94.4	95.6	96.5	96.5	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	73.0	93.3	95.0	96.4	97.4	97.7	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	73.0	93.4	95.1	96.5	97.9	98.2	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	73.0	93.4	95.1	96.7	98.0	98.4	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	73.0	93.4	95.1	96.7	98.0	98.4	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.0	93.4	95.1	96.7	98.0	98.4	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.0	93.4	95.1	96.7	98.0	98.4	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.7	54.7	55.5	56.5	56.9	57.1	57.4	57.4	57.4	57.6	57.9	58.0	58.3	58.5	58.6	59.2
≥ 20000	51.7	58.4	59.3	60.3	60.6	60.9	61.2	61.2	61.2	61.4	61.6	61.8	62.1	62.3	62.4	63.0
≥ 18000	51.7	58.4	59.3	60.3	60.6	60.9	61.2	61.2	61.2	61.4	61.6	61.8	62.1	62.3	62.4	63.0
≥ 16000	51.8	58.5	59.4	60.4	60.8	61.0	61.3	61.3	61.3	61.5	61.8	61.9	62.2	62.4	62.5	63.1
≥ 14000	52.4	59.1	60.0	61.0	61.3	61.5	61.9	61.9	61.9	62.1	62.3	62.4	62.8	63.0	63.1	63.7
≥ 12000	53.2	59.9	60.8	61.8	62.1	62.3	62.7	62.7	62.7	62.9	63.1	63.2	63.5	63.8	63.9	64.4
≥ 10000	54.7	61.6	62.5	63.5	63.9	64.1	64.4	64.4	64.4	64.7	64.9	65.0	65.3	65.6	65.7	66.2
≥ 9000	55.1	62.0	62.9	63.9	64.2	64.4	64.8	64.8	64.8	65.0	65.2	65.3	65.7	65.9	66.0	66.6
≥ 8000	56.1	63.3	64.3	65.3	65.7	65.9	66.2	66.2	66.2	66.4	66.7	66.8	67.1	67.3	67.4	68.0
≥ 7000	58.0	65.9	66.9	67.9	68.2	68.5	68.8	68.8	68.8	69.0	69.2	69.3	69.7	69.9	70.0	70.6
≥ 6000	60.1	68.1	69.1	70.1	70.5	70.7	71.2	71.3	71.3	71.6	71.8	71.9	72.2	72.5	72.6	73.1
≥ 5000	61.9	70.3	71.3	72.4	72.7	72.9	73.5	73.6	73.6	73.8	74.0	74.1	74.5	74.7	74.8	75.4
≥ 4500	61.9	70.9	71.9	72.9	73.2	73.5	74.1	74.2	74.2	74.5	74.7	74.8	75.1	75.4	75.5	76.0
≥ 4000	62.3	71.7	72.7	73.8	74.1	74.4	75.0	75.1	75.1	75.4	75.6	75.7	76.0	76.3	76.4	76.9
≥ 3500	63.2	72.9	73.9	75.0	75.4	75.6	76.3	76.4	76.4	76.6	76.8	76.9	77.4	77.6	77.7	78.3
≥ 3000	64.4	74.8	75.9	77.0	77.4	77.6	78.3	78.4	78.4	78.7	78.9	79.0	79.5	79.7	79.8	80.4
≥ 2500	65.4	77.0	78.1	79.3	79.6	79.8	80.5	80.6	80.6	80.9	81.2	81.3	81.7	81.9	82.1	82.6
≥ 2000	66.4	79.8	80.9	82.2	82.5	82.7	83.4	83.5	83.5	83.8	84.1	84.2	84.6	84.8	84.9	85.5
≥ 1800	66.8	80.4	81.5	82.7	83.1	83.3	83.9	84.1	84.1	84.4	84.6	84.7	85.2	85.4	85.5	86.1
≥ 1500	67.0	81.5	82.6	83.8	84.2	84.4	85.1	85.2	85.2	85.5	85.7	85.8	86.3	86.5	86.6	87.2
≥ 1200	68.1	83.7	85.1	86.4	86.7	87.0	87.6	87.7	87.7	88.1	88.3	88.4	88.9	89.1	89.3	89.9
≥ 1000	69.0	85.3	86.6	88.0	88.3	88.5	89.2	89.3	89.3	89.6	89.9	90.0	90.4	90.6	90.9	91.4
≥ 900	69.2	86.4	87.7	89.1	89.4	89.6	90.3	90.4	90.4	90.7	91.0	91.1	91.5	91.8	92.0	92.5
≥ 800	69.5	87.0	88.9	90.2	90.7	91.0	91.6	91.8	91.8	92.1	92.3	92.4	92.9	93.1	93.3	93.9
≥ 700	69.5	87.8	89.9	91.5	92.1	92.4	93.1	93.2	93.2	93.5	93.8	93.9	94.3	94.5	94.8	95.3
≥ 600	69.5	88.2	90.4	92.5	93.1	93.4	94.1	94.2	94.2	94.5	94.8	94.9	95.3	95.5	95.8	96.3
≥ 500	69.5	88.3	90.5	92.8	93.9	94.2	94.9	95.0	95.0	95.5	95.8	95.9	96.3	96.5	96.8	97.3
≥ 400	69.5	88.7	91.0	93.3	94.4	94.8	95.5	95.8	95.8	96.3	96.5	96.7	97.1	97.3	97.5	98.1
≥ 300	69.5	88.7	91.0	93.4	94.8	95.1	96.0	96.2	96.2	96.8	97.0	97.1	97.5	97.9	98.1	98.7
≥ 200	69.5	88.7	91.0	93.4	94.8	95.2	96.2	96.4	96.5	97.1	97.3	97.4	98.1	98.4	98.8	99.3
≥ 100	69.5	88.7	91.0	93.4	94.8	95.2	96.2	96.4	96.5	97.1	97.3	97.4	98.4	98.8	99.1	99.9
≥ 0	69.5	88.7	91.0	93.4	94.8	95.2	96.2	96.4	96.5	97.1	97.3	97.4	98.4	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 897

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12926 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.3	50.7	51.9	52.7	53.4	53.6	54.1	54.3	54.3	54.6	54.7	54.7	54.9	55.1	55.4	56.2
≥ 20000	46.2	54.3	55.6	56.5	57.2	57.4	57.9	58.1	58.2	58.4	58.6	58.6	58.8	59.0	59.3	60.1
≥ 18000	46.2	54.3	55.6	56.6	57.2	57.4	58.0	58.1	58.2	58.5	58.6	58.6	58.8	59.0	59.3	60.1
≥ 16000	46.2	54.4	55.7	56.6	57.3	57.5	58.0	58.2	58.3	58.5	58.7	58.7	58.9	59.1	59.4	60.2
≥ 14000	46.6	54.9	56.1	57.1	57.8	57.9	58.5	58.7	58.7	59.0	59.1	59.2	59.4	59.5	59.9	60.7
≥ 12000	47.3	55.8	57.1	58.1	58.8	59.0	59.6	59.7	59.8	60.0	60.2	60.2	60.4	60.6	61.0	61.8
≥ 10000	48.7	57.5	58.8	59.8	60.5	60.7	61.3	61.4	61.5	61.8	61.9	61.9	62.2	62.3	62.7	63.5
≥ 9000	49.3	58.0	59.4	60.4	61.1	61.3	61.9	62.0	62.1	62.4	62.5	62.5	62.8	62.9	63.3	64.1
≥ 8000	50.0	59.6	61.2	62.2	62.9	63.1	63.7	63.8	63.9	64.2	64.3	64.3	64.6	64.7	65.1	65.9
≥ 7000	51.7	61.9	63.6	64.6	65.4	65.6	66.3	66.4	66.5	66.8	67.0	67.0	67.2	67.4	67.8	68.6
≥ 6000	53.1	63.7	65.5	66.7	67.5	67.7	68.4	68.7	68.7	69.0	69.2	69.2	69.4	69.6	70.0	70.8
≥ 5000	54.7	65.9	67.7	69.0	69.8	70.1	70.8	71.0	71.1	71.4	71.5	71.5	71.8	71.9	72.3	73.2
≥ 4500	55.4	66.9	68.8	70.1	71.0	71.2	71.9	72.2	72.3	72.5	72.7	72.7	72.9	73.1	73.5	74.4
≥ 4000	56.5	68.6	70.6	72.0	72.9	73.1	73.8	74.1	74.2	74.5	74.6	74.6	74.9	75.1	75.5	76.3
≥ 3500	57.4	69.9	71.9	73.3	74.3	74.5	75.3	75.5	75.6	75.9	76.1	76.1	76.4	76.5	76.9	77.8
≥ 3000	58.3	71.8	73.9	75.5	76.5	76.8	77.6	77.9	78.0	78.3	78.5	78.5	78.8	79.0	79.4	80.3
≥ 2500	59.3	73.7	76.0	77.6	78.7	79.0	79.8	80.1	80.2	80.6	80.7	80.8	81.1	81.3	81.7	82.5
≥ 2000	60.6	76.1	78.5	80.2	81.5	81.7	82.6	82.9	83.0	83.3	83.5	83.6	83.9	84.0	84.5	85.3
≥ 1800	60.8	76.7	79.1	80.9	82.2	82.4	83.3	83.6	83.7	84.1	84.2	84.3	84.6	84.7	85.2	86.0
≥ 1500	61.4	78.1	80.6	82.4	83.7	84.0	84.8	85.2	85.3	85.6	85.8	85.9	86.2	86.3	86.8	87.6
≥ 1200	62.0	79.7	82.4	84.4	85.7	86.0	86.9	87.2	87.3	87.7	87.9	88.0	88.3	88.5	88.9	89.8
≥ 1000	62.4	80.8	83.6	85.7	87.1	87.4	88.3	88.7	88.9	89.3	89.4	89.5	89.8	90.0	90.5	91.3
≥ 900	62.7	81.7	84.5	86.7	88.2	88.5	89.4	89.8	90.0	90.4	90.6	90.6	91.0	91.2	91.6	92.5
≥ 800	63.0	82.4	85.4	87.6	89.3	89.6	90.5	91.0	91.2	91.6	91.8	91.8	92.1	92.3	92.8	93.6
≥ 700	63.1	83.0	86.1	88.4	90.3	90.8	91.8	92.2	92.4	92.8	93.0	93.1	93.4	93.6	94.0	94.9
≥ 600	63.1	83.5	86.8	89.3	91.3	91.8	92.8	93.3	93.5	93.9	94.1	94.1	94.5	94.7	95.1	96.0
≥ 500	63.1	83.9	87.2	89.9	92.2	92.8	93.8	94.3	94.5	95.1	95.3	95.4	95.7	95.9	96.3	97.2
≥ 400	63.1	84.1	87.5	90.3	92.7	93.3	94.5	95.1	95.4	96.0	96.2	96.3	96.6	96.8	97.3	98.1
≥ 300	63.1	84.1	87.5	90.4	92.8	93.5	94.8	95.4	95.7	96.3	96.6	96.6	97.0	97.2	97.7	98.5
≥ 200	63.1	84.1	87.5	90.4	92.8	93.6	94.9	95.6	95.9	96.6	96.9	97.1	97.5	97.7	98.2	99.2
≥ 100	63.1	84.1	87.5	90.4	92.8	93.6	94.9	95.6	95.9	96.6	97.0	97.1	97.6	97.9	98.6	99.8
≥ 0	63.1	84.1	87.5	90.4	92.8	93.6	94.9	95.6	95.9	96.6	97.0	97.1	97.6	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7193

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.9	49.2	49.7	50.3	50.9	51.0	51.3	51.5	51.6	51.9	52.3	52.3	52.5	52.5	52.9	53.5
≥ 20000	46.6	52.5	52.9	53.5	54..	54.2	54.5	54.8	54.9	55.5	55.8	55.8	56.0	56.0	56.5	57.2
≥ 18000	46.6	52.5	52.9	53.5	54.1	54.2	54.5	54.8	54.9	55.5	55.8	55.8	56.0	56.0	56.5	57.2
≥ 16000	46.6	52.5	52.9	53.5	54.1	54.2	54.5	54.8	54.9	55.5	55.8	55.8	56.0	56.0	56.5	57.2
≥ 14000	46.9	52.9	53.5	54.2	54.7	54.8	55.2	55.5	55.6	56.1	56.5	56.5	56.7	56.7	57.1	57.8
≥ 12000	47.3	53.7	54.3	54.9	55.5	55.6	55.9	56.2	56.3	56.9	57.2	57.2	57.4	57.4	57.8	58.6
≥ 10000	48.3	54.7	55.4	56.0	56.6	56.7	57.0	57.3	57.4	58.0	58.3	58.3	58.5	58.5	58.9	59.7
≥ 9000	48.6	55.2	55.8	56.5	57.0	57.1	57.4	57.7	57.8	58.4	58.7	58.7	58.9	58.9	59.4	60.1
≥ 8000	50.1	56.8	57.4	58.2	58.7	58.8	59.1	59.5	59.6	60.1	60.4	60.4	60.6	60.6	61.1	61.8
≥ 7000	51.0	58.0	58.7	59.6	60.1	60.2	60.5	60.9	61.0	61.5	61.8	61.8	62.0	62.0	62.5	63.2
≥ 6000	52.9	59.9	60.8	61.7	62.3	62.4	62.7	63.0	63.1	63.7	64.0	64.0	64.2	64.2	64.6	65.4
≥ 5000	55.1	62.7	63.5	64.5	65.1	65.2	65.5	65.8	65.9	66.5	66.8	66.8	67.0	67.0	67.4	68.2
≥ 4500	55.7	63.7	64.5	65.5	66.0	66.1	66.5	66.8	66.9	67.4	67.7	67.7	68.0	68.0	68.4	69.1
≥ 4000	57.0	65.8	66.7	67.6	68.2	68.3	68.6	68.9	69.0	69.6	69.9	69.9	70.1	70.1	70.5	71.3
≥ 3500	59.0	68.0	68.8	69.8	70.3	70.4	70.8	71.1	71.2	71.7	72.0	72.0	72.3	72.3	72.7	73.4
≥ 3000	60.5	70.1	71.3	72.3	72.9	73.0	73.4	73.8	73.9	74.4	74.7	74.7	74.9	74.9	75.4	76.1
≥ 2500	61.4	71.1	72.3	73.3	74.1	74.2	74.6	74.9	75.1	75.6	75.9	75.9	76.2	76.2	76.8	77.5
≥ 2000	63.0	73.3	74.5	75.6	76.3	76.5	76.9	77.2	77.3	77.8	78.2	78.2	78.5	78.5	79.0	79.8
≥ 1800	63.0	73.7	74.8	76.0	76.8	76.9	77.3	77.6	77.7	78.3	78.6	78.6	78.9	78.9	79.5	80.2
≥ 1500	63.7	75.2	76.6	77.7	78.5	78.6	79.0	79.4	79.6	80.1	80.4	80.4	80.8	80.8	81.3	82.0
≥ 1200	64.2	76.0	77.4	78.7	79.5	79.6	80.0	80.3	80.5	81.1	81.4	81.4	81.7	81.7	82.3	83.0
≥ 1000	64.6	77.0	78.4	79.9	80.6	80.8	81.2	81.5	81.7	82.3	82.6	82.6	83.0	83.0	83.5	84.3
≥ 900	65.1	78.3	79.7	81.3	82.0	82.2	82.6	82.9	83.1	83.7	84.0	84.0	84.4	84.4	84.9	85.7
≥ 800	65.3	78.6	80.2	81.8	82.6	82.7	83.1	83.4	83.7	84.2	84.5	84.5	84.9	84.9	85.5	86.2
≥ 700	65.7	79.6	81.2	83.1	84.2	84.3	84.7	85.1	85.3	85.8	86.1	86.1	86.6	86.6	87.1	88.0
≥ 600	66.2	80.4	82.4	84.3	85.5	85.6	86.0	86.3	86.6	87.1	87.4	87.4	87.8	87.8	88.4	89.2
≥ 500	66.3	81.4	83.3	85.6	87.0	87.2	87.6	88.1	88.3	88.8	89.1	89.2	89.7	89.7	90.2	91.1
≥ 400	66.3	82.5	84.6	87.0	88.7	89.0	89.5	89.9	90.1	90.6	91.0	91.2	91.6	91.6	92.2	93.0
≥ 300	66.3	82.5	84.6	87.2	89.2	89.7	90.1	90.9	91.1	91.9	92.4	92.6	93.2	93.2	94.0	95.1
≥ 200	66.3	82.5	84.6	87.3	89.5	90.0	90.5	91.5	91.8	92.7	93.4	93.7	94.3	94.5	95.6	97.0
≥ 100	66.3	82.5	84.6	87.3	89.5	90.0	90.5	91.6	92.0	92.9	94.2	94.4	95.3	95.7	97.0	98.9
≥ 0	66.3	82.5	84.6	87.3	89.5	90.0	90.5	91.6	92.0	92.9	94.2	94.4	95.3	95.7	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.6	47.0	48.0	48.6	49.5	49.6	49.7	49.9	49.9	50.4	50.8	50.8	51.1	51.4	52.2	53.4
≥ 20000	43.2	49.4	50.3	51.0	51.8	51.9	52.0	52.3	52.3	52.9	53.2	53.2	53.5	53.9	54.6	55.9
≥ 18000	43.2	49.4	50.3	51.0	51.8	51.9	52.0	52.3	52.3	52.9	53.2	53.2	53.5	53.9	54.6	55.9
≥ 16000	43.2	49.4	50.3	51.0	51.8	51.9	52.0	52.3	52.3	52.9	53.2	53.2	53.5	53.9	54.6	55.9
≥ 14000	43.2	49.4	50.4	51.1	51.9	52.0	52.2	52.4	52.4	53.0	53.3	53.3	53.7	54.0	54.7	56.0
≥ 12000	43.3	49.8	50.9	51.5	52.4	52.5	52.6	52.8	52.8	53.4	53.8	53.8	54.1	54.4	55.2	56.5
≥ 10000	44.3	50.9	52.0	52.7	53.5	53.7	53.8	54.0	54.0	54.6	55.1	55.1	55.4	55.7	56.5	57.8
≥ 9000	44.7	51.3	52.5	53.1	54.0	54.1	54.2	54.4	54.4	55.1	55.5	55.5	55.8	56.1	56.9	58.3
≥ 8000	46.1	52.8	54.0	54.6	55.5	55.6	55.7	55.9	55.9	56.6	57.0	57.0	57.3	57.6	58.4	59.8
≥ 7000	47.4	54.5	55.7	56.6	57.4	57.5	57.6	57.8	57.8	58.5	58.9	58.9	59.2	59.6	60.3	61.7
≥ 6000	49.6	56.7	57.8	58.7	59.6	59.7	59.8	60.0	60.0	60.6	61.1	61.1	61.4	61.7	62.5	63.9
≥ 5000	51.0	59.6	60.9	61.8	62.7	62.8	62.9	63.1	63.1	63.8	64.2	64.2	64.5	64.8	65.6	67.2
≥ 4500	51.8	60.4	61.8	63.0	64.0	64.1	64.2	64.4	64.4	65.1	65.5	65.5	65.8	66.1	66.9	68.5
≥ 4000	53.3	62.9	64.5	65.7	66.7	66.8	66.9	67.1	67.1	67.7	68.2	68.3	68.6	68.9	69.7	71.3
≥ 3500	54.8	64.9	66.6	67.8	68.8	68.9	69.0	69.2	69.2	69.9	70.3	70.4	70.8	71.2	71.9	73.5
≥ 3000	56.8	67.3	69.1	70.3	71.4	71.5	71.7	71.9	71.9	72.6	73.0	73.1	73.4	73.9	74.6	76.2
≥ 2500	57.1	68.1	69.8	71.1	72.2	72.3	72.5	72.7	72.7	73.3	73.8	73.9	74.2	74.6	75.4	77.0
≥ 2000	58.0	69.8	71.6	72.9	74.1	74.2	74.4	74.6	74.6	75.3	75.7	75.8	76.1	76.7	77.4	79.0
≥ 1800	58.3	70.5	72.4	73.7	74.8	74.9	75.2	75.4	75.4	76.0	76.5	76.6	76.9	77.4	78.2	79.8
≥ 1500	59.2	72.5	74.3	75.7	76.9	77.0	77.2	77.5	77.5	78.2	78.6	78.7	79.0	79.6	80.3	81.9
≥ 1200	60.2	74.1	75.9	77.3	78.5	78.6	78.8	79.2	79.2	79.9	80.3	80.4	80.8	81.3	82.0	83.7
≥ 1000	60.9	75.8	77.7	79.4	80.6	80.8	81.0	81.4	81.4	82.0	82.5	82.6	82.9	83.4	84.3	85.9
≥ 900	61.2	76.3	78.3	79.9	81.2	81.3	81.5	81.9	81.9	82.6	83.0	83.1	83.4	84.0	84.8	86.5
≥ 800	61.3	76.6	78.7	80.3	81.6	81.7	81.9	82.4	82.5	83.1	83.5	83.7	84.0	84.5	85.4	87.0
≥ 700	61.3	77.2	79.4	81.2	82.5	82.6	82.8	83.2	83.3	84.0	84.4	84.5	84.8	85.4	86.2	87.8
≥ 600	61.4	77.6	80.1	82.0	83.3	83.5	83.8	84.2	84.3	85.1	85.5	85.6	85.9	86.5	87.3	88.9
≥ 500	61.4	78.0	80.8	83.1	84.7	85.1	85.4	85.8	85.9	86.7	87.1	87.2	87.5	88.1	88.9	90.5
≥ 400	61.4	78.1	81.2	84.0	86.0	86.3	86.7	87.3	87.4	88.3	88.7	88.8	89.1	89.7	90.5	92.3
≥ 300	61.4	78.6	82.0	84.9	87.2	87.6	88.3	89.0	89.1	90.1	90.6	90.8	91.2	91.9	92.9	94.6
≥ 200	61.4	78.6	82.3	85.3	87.5	88.1	88.8	89.7	89.8	91.5	92.5	92.6	93.2	94.1	95.5	97.5
≥ 100	61.4	78.6	82.3	85.3	87.5	88.1	88.8	89.7	89.9	91.6	92.9	93.0	93.7	94.5	96.0	98.6
≥ 0	61.4	78.6	82.3	85.3	87.5	88.1	88.8	89.7	89.9	91.6	92.9	93.0	93.7	94.5	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) | ELLINGTON AFB TX (STATION NAME) | 68-69,72-79 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.2	39.1	40.4	42.3	43.2	43.5	43.9	44.6	44.7	45.1	45.7	45.8	46.2	46.7	47.2	48.3
≥ 20000	34.6	42.8	44.3	46.5	47.5	47.8	48.3	49.1	49.2	49.6	50.2	50.3	50.8	51.2	51.7	52.8
≥ 18000	34.7	42.9	44.4	46.6	47.6	48.0	48.4	49.2	49.4	49.7	50.3	50.4	50.9	51.3	51.8	52.9
≥ 16000	34.7	42.9	44.4	46.6	47.6	48.0	48.4	49.2	49.4	49.7	50.3	50.4	50.9	51.3	51.8	52.9
≥ 14000	34.7	42.9	44.4	46.6	47.6	48.0	48.4	49.2	49.4	49.7	50.3	50.4	50.9	51.3	51.8	52.9
≥ 12000	35.2	43.5	45.3	47.4	48.5	48.8	49.2	50.1	50.2	50.5	51.2	51.3	51.7	52.2	52.7	53.8
≥ 10000	36.8	45.7	47.4	49.8	51.0	51.3	51.7	52.6	52.7	53.0	53.7	53.8	54.2	54.6	55.3	56.5
≥ 9000	37.4	46.5	48.2	50.5	51.7	52.0	52.5	53.3	53.4	53.8	54.4	54.5	54.9	55.4	56.0	57.2
≥ 8000	37.5	46.7	48.4	50.8	51.9	52.3	52.7	53.5	53.7	54.0	54.7	54.8	55.3	55.7	56.3	57.5
≥ 7000	38.8	48.3	50.0	52.4	53.5	53.9	54.4	55.3	55.4	55.7	56.5	56.6	57.0	57.4	58.1	59.2
≥ 6000	40.4	50.4	52.3	54.6	55.8	56.1	56.7	57.5	57.6	58.0	58.7	58.8	59.2	59.7	60.3	61.5
≥ 5000	41.6	52.5	54.5	57.1	58.3	58.6	59.1	60.0	60.1	60.4	61.2	61.3	61.7	62.2	62.8	64.0
≥ 4500	42.3	53.3	55.5	58.4	59.7	60.0	60.5	61.4	61.5	61.8	62.6	62.7	63.1	63.5	64.2	65.4
≥ 4000	43.3	55.4	57.5	60.4	61.7	62.0	62.6	63.4	63.5	63.9	64.6	64.7	65.2	65.6	66.2	67.5
≥ 3500	44.6	57.2	59.4	62.5	64.0	64.3	64.8	65.7	65.8	66.1	66.9	67.0	67.4	67.8	68.5	69.8
≥ 3000	46.2	60.2	62.5	65.9	67.4	67.8	68.4	69.2	69.4	69.7	70.4	70.6	71.1	71.5	72.2	73.4
≥ 2500	46.7	61.7	64.3	67.7	69.5	69.9	70.4	71.3	71.4	71.7	72.5	72.7	73.1	73.5	74.2	75.5
≥ 2000	47.5	63.3	66.0	69.7	71.5	72.0	72.7	73.5	73.7	74.0	74.8	75.1	75.5	75.9	76.6	77.8
≥ 1800	47.8	63.9	66.6	70.2	72.0	72.6	73.3	74.2	74.3	74.6	75.5	75.7	76.1	76.6	77.3	78.6
≥ 1500	48.8	65.6	68.6	72.4	74.2	74.8	75.6	76.5	76.6	76.9	77.8	78.1	78.5	78.9	79.7	81.2
≥ 1200	49.0	66.3	69.5	73.3	75.3	75.9	76.7	77.5	77.6	78.0	78.9	79.1	79.6	80.0	80.8	82.3
≥ 1000	49.8	67.5	70.8	74.7	76.7	77.3	78.1	78.9	79.0	79.4	80.3	80.5	81.0	81.4	82.3	83.8
≥ 900	49.9	67.7	71.1	75.3	77.3	78.0	78.8	79.7	79.9	80.2	81.2	81.4	81.8	82.3	83.1	84.6
≥ 800	49.9	67.8	71.4	75.6	77.8	78.5	79.6	80.4	80.8	81.1	82.0	82.3	82.7	83.1	84.0	85.5
≥ 700	49.9	68.1	71.7	76.1	78.5	79.4	80.5	81.7	82.0	82.4	83.3	83.7	84.1	84.5	85.4	86.9
≥ 600	50.1	68.7	72.8	77.3	79.9	80.8	82.0	83.4	83.8	84.1	85.1	85.5	85.9	86.3	87.2	88.8
≥ 500	50.1	69.0	73.2	78.8	82.0	83.1	84.9	86.3	86.8	87.1	88.1	88.5	88.9	89.5	90.4	92.0
≥ 400	50.1	69.1	73.4	79.1	82.6	83.7	85.8	87.3	87.8	88.2	89.1	89.6	90.0	90.5	91.5	93.1
≥ 300	50.1	69.1	73.5	79.4	83.0	84.2	86.7	88.5	89.0	89.7	90.9	91.3	91.7	92.3	93.3	95.1
≥ 200	50.1	69.1	73.5	79.5	83.1	84.3	86.9	88.9	89.5	90.4	91.9	92.5	93.1	93.9	94.9	96.9
≥ 100	50.1	69.1	73.5	79.5	83.1	84.3	86.9	88.9	89.5	90.4	92.0	92.6	93.3	94.2	95.9	98.8
≥ 0	50.1	69.1	73.5	79.5	83.1	84.3	86.9	88.9	89.5	90.4	92.0	92.6	93.3	94.2	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.9	41.3	42.0	42.7	43.4	43.5	43.9	43.9	43.9	44.2	44.3	44.3	44.3	44.4	44.6	44.6
≥ 20000	37.7	47.5	48.5	49.2	50.2	50.3	50.9	50.9	50.9	51.2	51.3	51.3	51.3	51.4	51.6	51.6
≥ 18000	37.7	47.5	48.5	49.2	50.2	50.3	50.9	50.9	50.9	51.2	51.3	51.3	51.3	51.4	51.6	51.6
≥ 16000	37.8	47.8	48.8	49.6	50.5	50.6	51.2	51.2	51.2	51.5	51.6	51.6	51.6	51.7	51.9	51.9
≥ 14000	38.1	48.1	49.0	49.8	50.8	50.9	51.4	51.4	51.4	51.7	51.8	51.8	51.8	51.9	52.2	52.2
≥ 12000	39.1	50.1	51.3	52.0	53.0	53.1	53.7	53.7	53.7	54.0	54.1	54.1	54.1	54.2	54.4	54.4
≥ 10000	40.1	51.7	53.0	53.9	54.8	54.9	55.6	55.6	55.6	55.9	56.0	56.0	56.0	56.1	56.3	56.3
≥ 9000	41.2	52.8	54.1	54.9	55.9	56.0	56.7	56.7	56.7	57.0	57.1	57.1	57.1	57.2	57.4	57.4
≥ 8000	41.5	53.5	54.9	55.8	56.8	56.9	57.6	57.6	57.6	58.0	58.1	58.1	58.1	58.2	58.4	58.4
≥ 7000	42.7	55.2	56.8	57.6	58.6	58.7	59.6	59.7	59.7	60.0	60.1	60.1	60.1	60.2	60.4	60.4
≥ 6000	44.3	57.3	58.9	59.8	60.8	60.9	61.7	61.8	61.8	62.2	62.3	62.3	62.3	62.4	62.6	62.6
≥ 5000	46.5	60.3	62.2	63.0	64.0	64.1	64.9	65.1	65.1	65.4	65.5	65.5	65.5	65.6	65.8	65.8
≥ 4500	48.1	63.1	65.1	66.0	67.0	67.1	68.0	68.1	68.1	68.4	68.5	68.5	68.5	68.6	68.8	68.8
≥ 4000	49.3	64.9	67.1	68.0	68.9	69.0	69.9	70.1	70.1	70.4	70.5	70.5	70.5	70.6	70.9	70.9
≥ 3500	49.8	66.1	68.2	69.1	70.1	70.3	71.2	71.5	71.5	71.8	71.9	71.9	71.9	72.0	72.3	72.3
≥ 3000	51.4	68.9	71.2	72.3	73.4	73.9	74.7	75.1	75.1	75.4	75.5	75.5	75.5	75.6	75.8	75.8
≥ 2500	52.2	70.9	73.1	74.2	75.4	75.9	76.8	77.1	77.1	77.4	77.5	77.5	77.5	77.6	77.8	77.8
≥ 2000	53.1	73.2	75.6	76.7	78.0	78.5	79.4	79.7	79.7	80.1	80.2	80.2	80.2	80.3	80.5	80.5
≥ 1800	53.2	73.4	75.9	77.1	78.4	78.9	79.8	80.1	80.1	80.5	80.6	80.6	80.6	80.8	81.0	81.0
≥ 1500	53.4	74.6	77.3	78.7	80.0	80.5	81.5	81.8	81.8	82.3	82.4	82.4	82.4	82.5	82.7	82.7
≥ 1200	54.0	76.1	78.9	80.5	81.9	82.5	83.4	83.8	83.8	84.2	84.3	84.3	84.3	84.4	84.6	84.6
≥ 1000	54.4	77.5	80.5	82.3	83.7	84.2	85.3	85.7	85.7	86.2	86.3	86.3	86.3	86.5	86.7	86.7
≥ 900	54.6	77.8	80.9	82.6	84.0	84.5	85.6	86.0	86.0	86.6	86.7	86.7	86.7	86.8	87.0	87.0
≥ 800	54.6	78.2	81.3	83.1	84.6	85.3	86.5	86.9	86.9	87.4	87.5	87.5	87.5	87.6	87.8	87.8
≥ 700	54.6	79.1	82.5	84.3	86.1	87.0	88.4	89.0	89.0	89.6	89.8	89.8	89.8	90.0	90.2	90.2
≥ 600	54.7	79.4	82.7	84.7	86.6	87.5	88.9	90.0	90.0	90.6	91.0	91.0	91.0	91.2	91.4	91.5
≥ 500	54.7	79.7	83.3	85.8	88.4	89.5	91.3	92.6	92.6	93.3	93.7	93.7	93.7	93.9	94.1	94.2
≥ 400	54.7	79.8	83.4	85.9	88.8	90.0	92.8	94.4	94.5	95.3	95.6	95.6	95.7	95.9	96.2	96.3
≥ 300	54.7	79.8	83.4	86.0	89.0	90.3	93.2	95.2	95.3	96.3	96.9	96.9	97.2	97.4	98.0	98.1
≥ 200	54.7	79.8	83.4	86.0	89.0	90.3	93.4	95.5	95.6	96.7	97.3	97.3	98.0	98.3	98.9	99.1
≥ 100	54.7	79.8	83.4	86.0	89.0	90.3	93.4	95.5	95.6	96.7	97.4	97.4	98.1	98.5	99.1	99.9
≥ 0	54.7	79.8	83.4	86.0	89.0	90.3	93.4	95.5	95.6	96.7	97.4	97.4	98.1	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12[illegible]6 | ELLINGTON AFB TX | 68-69,72-79 | DEC
STATION | STATION NAME | YEARS | MONTH

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.3	45.2	45.2	45.3	45.4	45.4	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	47.4	51.2	51.3	51.4	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000	47.4	51.2	51.3	51.4	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 16000	47.4	51.5	51.6	51.7	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 14000	48.0	52.0	52.2	52.3	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	48.9	53.5	53.9	54.0	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 10000	51.0	56.0	56.3	56.5	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	51.3	56.3	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000	53.5	59.0	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 7000	54.4	60.0	60.3	60.4	60.6	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 6000	56.6	62.5	62.8	62.9	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 5000	59.7	65.8	66.1	66.3	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4500	61.3	68.1	68.6	68.8	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 4000	63.9	71.5	72.2	72.4	72.6	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3500	65.7	73.9	74.5	74.7	74.9	74.9	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3000	67.1	76.0	76.9	77.1	77.4	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500	68.2	77.8	78.7	78.9	79.2	79.2	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2000	69.4	80.3	81.3	81.6	81.9	81.9	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	69.7	80.9	81.9	82.3	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1500	71.0	82.9	84.0	84.7	85.4	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	71.3	84.2	85.4	86.8	87.6	87.6	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	71.5	85.7	86.9	88.3	89.1	89.1	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 900	71.5	85.7	87.0	88.7	89.6	89.9	90.1	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 800	71.7	86.2	87.5	89.2	90.2	90.6	90.9	90.9	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	71.[illegible]	86.7	88.1	90.0	91.1	91.7	92.2	92.2	92.2	92.5	92.8	92.8	92.9	92.9	92.9	92.9
≥ 600	71.9	86.9	88.3	90.4	91.7	92.5	93.2	93.3	93.3	93.8	94.1	94.1	94.2	94.2	94.4	94.4
≥ 500	71.9	87.5	89.1	91.6	93.1	94.0	95.3	95.5	95.5	95.9	96.3	96.3	96.5	96.5	96.7	96.7
≥ 400	71.9	87.5	89.1	91.7	93.3	94.4	96.3	96.7	96.8	97.4	98.1	98.1	98.3	98.3	98.5	98.5
≥ 300	71.9	87.5	89.1	91.7	93.3	94.4	96.3	96.8	96.9	97.6	98.5	98.6	99.1	99.1	99.4	99.4
≥ 200	71.9	87.5	89.1	91.7	93.3	94.4	96.3	96.9	97.1	97.8	98.7	99.1	99.7	99.8	100.0	100.0
≥ 100	71.9	87.5	89.1	91.7	93.3	94.4	96.3	96.9	97.1	97.8	98.7	99.1	99.7	99.8	100.0	100.0
≥ 0	71.9	87.5	89.1	91.7	93.3	94.4	96.3	96.9	97.1	97.8	98.7	99.1	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH) 1500-1700 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.5	48.1	48.1	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	51.4	54.9	54.9	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	51.4	54.9	54.9	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	51.5	55.1	55.1	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	51.8	55.4	55.4	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	53.2	57.0	57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 10000	55.7	60.1	60.2	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 9000	55.9	60.3	60.4	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.8
≥ 8000	58.4	62.9	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 7000	59.1	63.8	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	61.1	65.9	66.1	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000	63.8	68.8	69.0	69.1	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4500	65.4	71.1	71.3	71.5	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4000	67.7	74.9	75.2	75.4	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	69.2	76.8	76.8	77.0	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3000	70.0	78.7	78.9	79.4	79.7	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2500	70.9	80.3	80.5	81.3	81.8	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2000	71.0	81.9	82.4	83.3	84.1	84.2	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	71.4	82.6	83.1	84.1	84.8	84.9	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	72.2	83.9	84.5	85.7	86.6	86.8	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1200	72.8	84.9	85.9	87.2	88.2	88.6	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1000	72.8	85.4	86.8	88.2	89.4	89.8	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900	72.9	85.8	87.2	88.7	90.0	90.5	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800	73.0	86.2	87.7	89.5	91.0	91.6	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 700	73.0	86.6	88.3	90.1	91.6	92.3	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	73.1	87.1	88.9	91.1	92.7	93.4	94.4	94.4	94.5	94.7	94.8	94.9	94.9	94.9	94.9	94.9
≥ 500	73.1	87.4	89.7	92.9	94.8	95.7	97.0	97.1	97.2	97.5	97.7	98.0	98.0	98.0	98.0	98.0
≥ 400	73.1	87.4	89.7	92.9	95.1	96.0	97.3	97.5	97.6	98.1	98.3	98.5	98.6	98.6	98.6	98.6
≥ 300	73.1	87.4	89.7	92.9	95.1	96.1	97.5	98.0	98.1	98.6	98.8	99.0	99.5	99.5	99.7	99.7
≥ 200	73.1	87.4	89.7	92.9	95.1	96.1	97.5	98.0	98.1	98.6	98.9	99.2	99.7	99.8	100.0	100.0
≥ 100	73.1	87.4	89.7	92.9	95.1	96.1	97.5	98.0	98.1	98.6	98.9	99.2	99.7	99.8	100.0	100.0
≥ 0	73.1	87.4	89.7	92.9	95.1	96.1	97.5	98.0	98.1	98.6	98.9	99.2	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12976	ELLINGTON AFB TX	68-69,72-79	DEC
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.7	51.1	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000	51.4	55.5	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 18000	51.4	55.5	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	51.4	55.5	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 14000	52.1	56.1	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	53.7	57.7	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5
≥ 10000	55.4	59.6	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
≥ 9000	55.8	60.0	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.9	60.8	60.8	60.8	60.8	60.8
≥ 8000	57.7	62.3	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.	63.1	63.1	63.1	63.1	63.1
≥ 7000	58.9	63.4	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000	60.9	65.6	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6
≥ 5000	62.5	67.6	68.1	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4500	64.4	70.0	70.5	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	66.9	72.8	73.3	73.9	74.0	74.1	74.1	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500	68.7	74.7	75.3	75.8	76.0	76.1	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	69.8	77.3	78.1	78.6	78.8	78.9	79.0	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500	70.8	78.7	79.7	80.2	80.4	80.5	80.6	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2000	71.3	79.5	80.8	81.5	81.7	81.8	81.9	81.9	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	71.6	79.9	81.2	81.9	82.2	82.3	82.4	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1500	71.9	80.6	82.0	82.8	83.0	83.1	83.2	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1200	72.7	82.2	84.0	84.7	85.1	85.2	85.3	85.3	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1000	73.1	83.4	85.3	86.0	86.3	86.5	86.7	86.7	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	73.8	84.5	86.5	87.4	87.7	87.8	88.1	88.1	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88.5
≥ 800	73.9	85.1	87.2	88.3	88.7	88.8	89.1	89.2	89.2	89.5	89.7	89.7	89.8	89.8	89.8	89.8
≥ 700	74.0	85.5	87.7	89.0	89.6	89.8	90.1	90.3	90.3	90.5	90.8	90.8	91.0	91.0	91.0	91.0
≥ 600	74.1	86.6	89.1	90.6	91.3	91.6	92.3	92.5	92.5	92.7	92.9	92.9	93.1	93.1	93.1	93.1
≥ 500	74.1	87.2	89.8	91.8	92.6	93.2	94.2	94.4	94.4	94.6	94.8	94.8	95.1	95.1	95.1	95.1
≥ 400	74.1	87.6	90.5	92.9	93.9	94.7	95.8	96.0	96.0	96.3	96.6	96.6	96.8	96.8	96.8	96.8
≥ 300	74.1	87.8	90.9	93.2	94.3	95.2	96.2	96.5	96.5	97.3	97.6	97.6	97.8	97.8	98.2	98.3
≥ 200	74.1	87.8	90.9	93.2	94.4	95.4	96.5	96.8	96.8	97.7	98.4	98.5	98.7	98.8	99.1	99.5
≥ 100	74.1	87.8	90.9	93.2	94.4	95.4	96.5	96.9	96.9	98.0	98.6	98.7	98.9	99.2	99.7	100.0
≥ 0	74.1	87.8	90.9	93.2	94.4	95.4	96.5	96.9	96.9	98.0	98.6	98.7	98.9	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?16	ELLINGTON AFB TX	68-69,72-79	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.7	51.9	52.9	52.9	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.7	53.7	54.5
≥ 20000	48.9	53.9	54.9	55.3	55.6	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.1	56.1	57.1
≥ 18000	48.9	54.3	54.9	55.4	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.2	56.2	57.2
≥ 17000	48.9	54.3	54.9	55.4	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.2	56.2	57.2
≥ 14000	49.6	54.6	55.6	56.0	56.3	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.9	56.9	57.8
≥ 12000	50.6	55.9	56.9	57.3	57.6	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.2	58.2	59.1
≥ 10000	51.9	57.1	58.2	58.6	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.5	59.5	60.4
≥ 9000	52.4	57.6	58.7	59.1	59.5	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	60.0	60.0	61.0
≥ 8000	54.6	59.9	61.1	61.4	61.7	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.3	62.3	63.2
≥ 7000	56.1	61.5	62.6	63.0	63.3	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.9	63.9	64.8
≥ 6000	57.8	63.4	64.5	64.9	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.8	65.8	66.8
≥ 5000	60.4	66.0	67.1	67.5	67.8	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.4	68.4	69.4
≥ 4500	61.3	67.0	68.1	68.5	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.4	69.4	70.3
≥ 4000	63.4	69.4	70.4	70.9	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.7	71.7	72.7
≥ 3500	64.7	71.0	72.0	72.5	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.3	73.3	74.3
≥ 3000	66.3	73.4	74.7	75.3	75.8	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.6	76.6	77.5
≥ 2500	66.9	74.6	76.2	76.8	77.4	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.2	78.2	79.1
≥ 2000	67.8	76.1	77.7	78.3	79.0	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.8	79.8	80.8
≥ 1800	68.1	76.5	78.1	78.6	79.4	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	80.1	80.1	81.1
≥ 1500	68.7	77.4	79.0	79.7	80.4	80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.3	81.3	82.3
≥ 1200	68.8	77.6	79.5	80.1	80.9	81.2	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.7	81.7	82.7
≥ 1000	69.2	78.6	80.5	81.3	82.0	82.4	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.9	82.9	83.9
≥ 900	69.4	78.9	81.0	81.8	82.6	83.1	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.7	83.7	84.6
≥ 800	69.5	79.6	81.7	82.8	83.8	84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.6	84.6	85.6
≥ 700	70.2	80.9	83.2	84.5	85.5	85.9	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.5	86.5	87.4
≥ 600	70.2	81.9	84.6	86.0	87.0	87.5	87.7	87.7	87.8	88.0	88.0	88.0	88.0	88.2	88.2	89.1
≥ 500	70.2	82.8	85.7	87.5	88.8	89.4	89.8	89.8	90.0	90.2	90.2	90.2	90.2	90.4	90.4	91.4
≥ 400	70.2	83.2	86.5	88.9	90.5	91.2	92.2	92.2	92.4	92.6	92.6	92.6	92.7	92.9	92.9	93.9
≥ 300	70.2	83.3	86.6	89.7	91.3	92.0	93.2	93.2	93.4	93.7	94.0	94.0	94.2	94.6	95.1	96.0
≥ 200	70.2	83.3	86.7	89.9	91.5	92.4	93.9	94.0	94.2	94.5	95.7	95.8	96.1	96.7	97.3	98.4
≥ 100	70.2	83.3	86.7	89.9	91.5	92.4	93.9	94.1	94.3	94.7	95.9	96.0	96.3	97.0	97.8	99.5
≥ 0	70.2	83.3	86.7	89.9	91.5	92.4	93.9	94.1	94.3	94.7	95.9	96.0	96.3	97.0	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906	ELLINGTON AFB TX	68-69,72-79	DEC
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.7	46.6	47.1	47.7	48.2	48.3	48.4	48.6	48.6	48.8	49.0	49.0	49.1	49.3	49.5	50.3
≥ 20000	45.1	51.0	51.6	52.3	52.8	52.9	53.1	53.2	53.3	53.5	53.7	53.7	53.8	54.0	54.2	54.7
≥ 18000	45.2	51.0	51.6	52.3	52.8	52.9	53.1	53.3	53.3	53.5	53.7	53.8	53.9	54.0	54.2	54.8
≥ 16000	45.2	51.1	51.7	52.4	52.9	53.0	53.2	53.4	53.4	53.6	53.8	53.8	54.0	54.1	54.3	54.9
≥ 14000	45.5	51.4	52.1	52.8	53.3	53.4	53.6	53.8	53.8	54.0	54.2	54.2	54.4	54.5	54.7	55.2
≥ 12000	46.4	52.7	53.4	54.1	54.6	54.7	54.9	55.1	55.1	55.3	55.5	55.6	55.7	55.8	56.0	56.6
≥ 10000	47.9	54.5	55.3	56.0	56.5	56.6	56.8	57.0	57.0	57.3	57.5	57.5	57.6	57.8	58.0	58.5
≥ 9000	48.4	55.0	55.8	56.5	57.0	57.2	57.4	57.5	57.6	57.8	58.0	58.0	58.1	58.3	58.5	59.1
≥ 8000	49.9	56.7	57.6	58.3	58.8	58.9	59.2	59.3	59.4	59.6	59.8	59.8	60.0	60.1	60.3	60.9
≥ 7000	51.1	58.1	59.0	59.7	60.3	60.4	60.6	60.8	60.9	61.1	61.3	61.3	61.5	61.6	61.8	62.4
≥ 6000	52.9	60.2	61.2	61.9	62.4	62.6	62.8	63.0	63.0	63.3	63.5	63.5	63.6	63.8	64.0	64.6
≥ 5000	55.1	62.9	63.9	64.7	65.3	65.4	65.7	65.8	65.9	66.1	66.3	66.4	66.5	66.6	66.9	67.4
≥ 4500	56.3	64.6	65.7	66.6	67.2	67.3	67.5	67.7	67.8	68.0	68.2	68.2	68.4	68.5	68.8	69.3
≥ 4000	58.1	67.2	68.3	69.3	69.9	70.0	70.3	70.5	70.5	70.8	71.0	71.0	71.1	71.3	71.5	72.1
≥ 3500	59.6	69.0	70.2	71.2	71.8	71.9	72.2	72.4	72.5	72.7	72.9	73.0	73.1	73.2	73.5	74.1
≥ 3000	61.2	71.5	72.8	73.9	74.6	74.8	75.2	75.4	75.4	75.7	75.9	75.9	76.1	76.2	76.5	77.0
≥ 2500	61.7	72.9	74.3	75.4	76.3	76.5	76.8	77.0	77.1	77.3	77.6	77.6	77.7	77.9	78.1	78.7
≥ 2000	62.6	74.7	76.2	77.4	78.3	78.6	79.0	79.2	79.2	79.5	79.8	79.8	79.9	80.1	80.4	80.9
≥ 1800	62.9	75.2	76.7	78.0	78.9	79.1	79.5	79.8	79.8	80.1	80.3	80.4	80.5	80.7	80.9	81.5
≥ 1500	63.6	76.6	78.3	79.7	80.6	80.9	81.3	81.5	81.6	81.9	82.2	82.2	82.3	82.5	82.8	83.4
≥ 1200	64.1	77.7	79.6	81.1	82.1	82.4	82.8	83.1	83.1	83.4	83.7	83.7	83.9	84.0	84.3	84.9
≥ 1000	64.5	78.9	80.9	82.5	83.6	83.8	84.3	84.6	84.6	85.0	85.2	85.3	85.4	85.6	85.9	86.5
≥ 900	64.8	79.4	81.4	83.2	84.3	84.7	85.1	85.4	85.5	85.8	86.1	86.1	86.3	86.4	86.7	87.3
≥ 800	64.9	79.8	82.0	83.8	85.0	85.4	86.1	86.2	86.3	86.7	86.9	87.0	87.2	87.3	87.6	88.2
≥ 700	65.1	80.4	82.8	84.8	86.1	86.6	87.2	87.6	87.7	88.0	88.3	88.4	88.6	88.8	89.1	89.7
≥ 600	65.2	81.1	83.6	85.8	87.2	87.8	88.5	89.0	89.1	89.5	89.8	89.9	90.1	90.3	90.6	91.3
≥ 500	65.2	81.6	84.4	87.2	88.9	89.6	90.7	91.2	91.3	91.8	92.1	92.2	92.4	92.6	93.0	93.6
≥ 400	65.2	81.9	84.8	87.8	89.9	90.7	92.0	92.7	92.8	93.3	93.7	93.9	94.1	94.3	94.7	95.3
≥ 300	65.2	82.0	85.0	88.1	90.3	91.2	92.7	93.5	93.7	94.4	95.0	95.1	95.5	95.7	96.3	97.0
≥ 200	65.2	82.0	85.0	88.2	90.4	91.4	93.0	93.9	94.1	95.0	95.9	96.1	96.6	97.0	97.7	98.5
≥ 100	65.2	82.0	85.0	88.2	90.4	91.4	93.0	93.9	94.2	95.1	96.1	96.3	96.9	97.3	98.2	99.5
≥ 0	65.2	82.0	85.0	88.2	90.4	91.4	93.0	93.9	94.2	95.1	96.1	96.3	96.9	97.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-70,72-80 (YEARS) ALL (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.6	51.0	52.2	53.2	54.0	54.1	54.5	54.7	54.7	54.9	55.0	55.0	55.1	55.2	55.3	55.7
≥ 20000	47.9	57.9	59.3	60.4	61.2	61.5	61.8	62.0	62.1	62.3	62.4	62.4	62.5	62.6	62.7	63.1
≥ 18000	48.0	58.0	59.4	60.5	61.4	61.6	62.0	62.2	62.2	62.4	62.5	62.6	62.7	62.7	62.9	63.2
≥ 16000	48.0	58.1	59.5	60.6	61.4	61.6	62.0	62.2	62.3	62.5	62.6	62.6	62.7	62.8	62.9	63.3
≥ 14000	48.4	58.6	60.0	61.1	62.0	62.2	62.6	62.8	62.9	63.1	63.2	63.2	63.3	63.4	63.5	63.9
≥ 12000	49.6	60.1	61.6	62.7	63.6	63.8	64.2	64.4	64.5	64.7	64.8	64.8	64.9	65.0	65.1	65.5
≥ 10000	51.8	63.0	64.5	65.7	66.6	66.9	67.3	67.5	67.6	67.8	67.9	67.9	68.0	68.1	68.2	68.6
≥ 9000	52.2	63.5	65.1	66.3	67.3	67.5	67.9	68.1	68.2	68.4	68.5	68.5	68.6	68.7	68.9	69.2
≥ 8000	53.4	65.2	66.8	68.1	69.1	69.4	69.8	70.0	70.1	70.3	70.4	70.5	70.6	70.6	70.8	71.1
≥ 7000	54.2	66.4	68.0	69.3	70.4	70.6	71.1	71.3	71.4	71.6	71.7	71.7	71.8	71.9	72.1	72.4
≥ 6000	55.0	67.4	69.1	70.4	71.5	71.8	72.2	72.5	72.5	72.7	72.9	72.9	73.0	73.1	73.2	73.6
≥ 5000	56.1	68.9	70.7	72.0	73.1	73.4	73.9	74.1	74.2	74.4	74.5	74.5	74.6	74.7	74.9	75.2
≥ 4500	56.6	69.7	71.4	72.9	73.9	74.2	74.7	74.9	75.0	75.2	75.3	75.4	75.5	75.6	75.7	76.1
≥ 4000	57.6	71.2	73.0	74.5	75.6	75.9	76.4	76.6	76.7	76.9	77.0	77.1	77.2	77.3	77.4	77.8
≥ 3500	58.3	72.2	74.1	75.6	76.8	77.1	77.6	77.9	77.9	78.1	78.3	78.3	78.4	78.5	78.6	79.0
≥ 3000	59.2	73.5	75.9	77.4	78.7	79.0	79.5	79.8	79.9	80.1	80.2	80.2	80.3	80.4	80.6	81.0
≥ 2500	60.1	75.4	77.4	79.1	80.4	80.7	81.2	81.5	81.6	81.8	82.0	82.0	82.1	82.2	82.3	82.7
≥ 2000	61.2	77.4	79.5	81.3	82.7	83.0	83.6	83.9	84.0	84.2	84.3	84.4	84.5	84.6	84.7	85.1
≥ 1800	61.6	78.0	80.2	82.0	83.4	83.7	84.3	84.6	84.7	84.9	85.0	85.1	85.2	85.3	85.4	85.8
≥ 1500	62.3	79.5	81.8	83.7	85.1	85.5	86.1	86.4	86.5	86.7	86.9	86.9	87.0	87.1	87.3	87.6
≥ 1200	62.9	81.2	83.6	85.7	87.2	87.6	88.2	88.5	88.6	88.9	89.0	89.1	89.2	89.3	89.4	89.8
≥ 1000	63.3	82.2	84.8	87.0	88.6	89.0	89.6	90.0	90.1	90.4	90.5	90.6	90.7	90.8	90.9	91.3
≥ 900	63.5	82.9	85.6	87.8	89.5	89.9	90.6	91.0	91.1	91.4	91.5	91.5	91.6	91.7	91.9	92.3
≥ 800	63.6	83.5	86.3	88.6	90.4	90.9	91.6	91.9	92.0	92.3	92.5	92.5	92.6	92.7	92.9	93.3
≥ 700	63.7	84.1	87.1	89.5	91.3	91.8	92.6	93.0	93.1	93.4	93.6	93.6	93.7	93.8	94.0	94.4
≥ 600	63.8	84.6	87.6	90.2	92.1	92.7	93.5	93.9	94.1	94.4	94.5	94.6	94.7	94.8	95.0	95.4
≥ 500	63.9	85.0	88.2	90.9	93.1	93.7	94.6	95.1	95.2	95.6	95.8	95.8	96.0	96.1	96.3	96.7
≥ 400	63.9	85.2	88.5	91.3	93.6	94.3	95.4	96.0	96.1	96.6	96.8	96.8	97.0	97.1	97.3	97.7
≥ 300	63.9	85.3	88.6	91.5	93.9	94.6	95.8	96.4	96.6	97.1	97.4	97.5	97.7	97.8	98.0	98.5
≥ 200	63.9	85.3	88.6	91.6	93.9	94.6	95.9	96.6	96.8	97.4	97.7	97.8	98.1	98.3	98.6	99.2
≥ 100	63.9	85.3	88.6	91.6	93.9	94.7	95.9	96.6	96.8	97.5	97.8	97.9	98.3	98.6	98.9	99.7
≥ 0	63.9	85.3	88.6	91.6	93.9	94.7	95.9	96.6	96.8	97.5	97.8	98.0	98.3	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 87625

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AFMAN STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

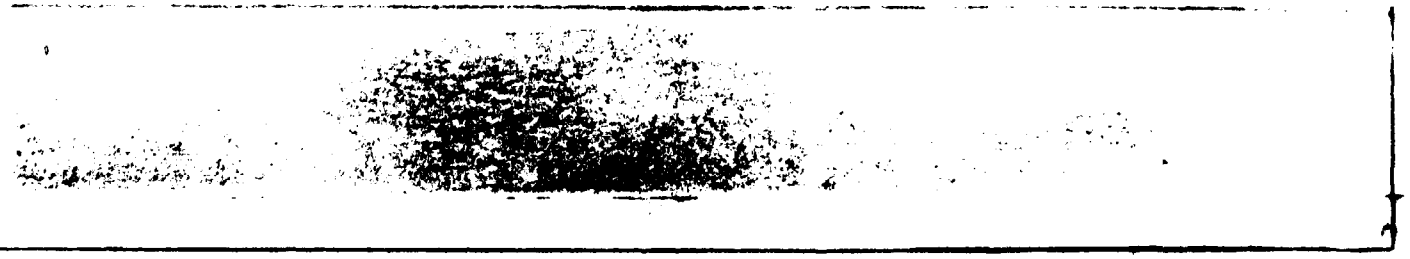
CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12906	ELLINGTON AFB TX	69-70,73-80	JAN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	23.4			12.6						10.1	54.0	6.7	915
	03-05	21.7			8.6						10.1	59.5	7.1	907
	06-08	13.3			12.8						12.6	61.4	7.6	916
	09-11	10.4			14.3						19.7	55.6	7.8	927
	12-14	11.9			18.6						19.8	49.7	7.3	928
	15-17	10.1			24.9						18.8	46.1	7.1	930
	18-20	15.1			21.0						13.5	50.4	6.9	930
	21-23	22.2			12.9						12.2	52.8	6.8	925
TOTALS		16.0			15.7						14.6	53.7	7.2	7378

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12906	ELLINGTON AFB TX	69-70,73-80	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	27.5			16.0						13.9	42.6	6.0	819
	03-05	29.4			11.6						12.6	46.4	6.1	810
	06-08	21.5			14.5						16.0	48.0	6.7	820
	09-11	18.5			15.9						21.5	44.1	6.8	882
	12-14	14.2			23.9						22.8	39.1	6.7	846
	15-17	16.1			23.3						22.6	38.1	6.5	846
	18-20	23.5			19.2						19.7	37.7	6.1	844
	21-23	32.7			13.8						13.4	40.2	5.6	836
TOTALS		22.9			17.3						17.8	42.0	6.3	6663

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12906	ELLINGTON AFB TX	69-70,73-80	MAR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	23.9			11.4						13.8	50.9	6.7	925
	03-05	21.1			12.2						12.7	54.0	6.9	920
	06-08	12.5			15.1						15.8	56.5	7.5	925
	09-11	11.5			14.2						20.6	53.7	7.7	925
	12-14	10.5			18.4						22.4	48.7	7.4	927
	15-17	11.3			20.2						21.1	47.4	7.2	930
	18-20	15.6			18.6						19.9	45.9	6.9	930
	21-23	22.3			14.2						15.0	48.4	6.6	927
TOTALS		16.1			15.5						17.7	50.7	7.1	7409

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
12906	ELLINGTON AFB TX	69-70,73-80	APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	26.1			13.4						16.0	44.6	6.3	890
	03-05	22.6			14.8						15.8	46.8	6.6	878
	06-08	12.8			20.7						21.2	45.3	7.1	888
	09-11	11.8			21.3						25.1	41.7	7.1	896
	12-14	9.0			26.1						25.4	39.5	7.0	897
	15-17	10.9			26.8						23.2	39.0	6.8	899
	18-20	16.9			22.7						21.9	38.6	6.5	900
	21-23	24.5			17.4						14.7	43.4	6.2	897
TOTALS		16.8			20.4						20.4	42.4	6.7	7145

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12906	ELLINGTON AFB TX	69-70,73-80	MAY
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	29.7			23.1						19.0	28.2	5.2	928
	03-05	24.6			26.7						20.2	28.6	5.5	923
	06-08	10.4			28.6						29.3	31.7	6.7	925
	09-11	7.8			32.0						34.2	26.0	6.6	927
	12-14	5.6			35.5						35.5	23.4	6.6	930
	15-17	6.5			38.3						32.2	23.1	6.4	930
	18-20	12.3			37.0						26.2	24.5	5.9	929
	21-23	26.5			28.6						20.5	24.4	5.1	930
TOTALS		15.4			31.2						27.1	26.2	6.0	7422

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12906 — STATION
ELLINGTON AFB TX — STATION NAME
69-70,73-80 — PERIOD
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	37.7			34.0						16.0	12.3	3.7	896
	03-05	26.1			43.8						16.1	14.0	4.2	894
	06-08	13.7			45.6						23.9	16.8	5.2	891
	09-11	7.1			46.0						29.6	17.3	5.8	898
	12-14	4.2			47.8						30.6	17.4	5.9	898
	15-17	4.1			55.2						23.9	16.8	5.5	900
	18-20	16.1			48.2						21.6	14.1	4.8	899
	21-23	37.0			36.8						15.7	10.5	3.6	892
TOTALS		18.3			44.7						22.2	14.9	4.8	7168

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12906	ELLINGTON AFB TX	69-70,73-80	JUL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	32.6			34.8						17.9	14.6	4.1	925
	03-05	24.6			44.6						18.2	12.6	4.2	928
	06-08	6.2			50.5						30.3	13.1	5.5	925
	09-11	2.0			48.6						35.3	14.0	6.0	928
	12-14	.5			44.8						36.1	18.5	6.4	930
	15-17	.8			42.0						37.4	19.8	6.6	930
	18-20	9.3			37.0						33.0	20.7	6.2	927
	21-23	27.7			36.2						23.0	13.1	4.5	925
TOTALS		13.0			42.3						28.9	15.8	5.4	7418

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12906	ELLINGTON AFB TX	69,72-80	AUG
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	30.3			44.1						17.3	8.3	3.7	927
	03-05	25.9			45.8						19.9	8.4	4.0	919
	06-08	6.6			57.8						26.6	9.1	5.0	914
	09-11	3.8			45.3						38.8	12.1	6.1	927
	12-14	1.7			36.0						46.0	16.2	6.8	930
	15-17	1.3			36.7						44.4	17.6	6.9	923
	18-20	6.7			40.7						35.1	17.5	6.1	924
	21-23	24.1			45.2						21.3	9.4	4.2	929
TOTALS		12.6			44.0						31.2	12.3	5.4	7393

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12906	ELLINGTON AFB TX	69,72-80	SEP
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	30.6			36.1						15.8	17.5	4.3	890
	03-05	27.2			37.8						17.4	17.6	4.5	883
	06-08	11.0			44.8						25.8	18.4	5.5	881
	09-11	10.3			45.0						27.6	17.2	5.5	896
	12-14	6.8			40.0						34.7	18.6	6.2	900
	15-17	7.3			38.8						34.5	19.4	6.2	899
	18-20	17.9			34.4						26.6	21.1	5.5	899
	21-23	30.1			33.7						18.1	18.1	4.5	895
TOTALS		17.7			38.8						25.1	18.5	5.3	7143

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY (

12906 — STATION
ELLINGTON AFB TX — STATION NAME
69,72-80 — PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEA TENTH SKY CO
		0	1	2	3	4	5	6	7	8	9	10	
OCT	00-02	48.8			21.3						12.6	17.3	3.
	03-05	45.8			22.2						13.6	18.3	3.
	06-08	22.5			37.2						20.4	19.9	4.
	09-11	19.0			38.8						23.8	18.4	5.
	12-14	15.6			41.3						25.3	17.8	5.
	15-17	19.5			40.2						22.9	17.4	5.
	18-20	32.1			31.5						18.6	17.8	4.
	21-23	43.5			25.5						15.0	16.0	3.
TOTALS		30.9			32.3						19.0	17.9	4.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12906	ELLINGTON AFB TX	69,72-80	NOV
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	36.2			16.8						17.0	30.0	5.0	861
	03-05	35.4			16.4						14.8	33.4	5.2	862
	06-08	23.0			24.0						19.2	33.8	5.8	874
	09-11	18.1			30.2						21.4	30.2	5.9	896
	12-14	16.0			33.6						24.0	26.4	5.8	900
	15-17	18.4			32.6						23.2	25.8	5.7	899
	18-20	30.6			23.3						17.7	28.3	5.1	896
	21-23	38.8			16.9						13.5	30.8	4.8	887
TOTALS		27.1			24.2						18.9	29.8	5.4	7075

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12906	ELLINGTON AFB TX	68-69,72-79	DEC
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	33.4			16.7						13.5	36.4	5.4	917
	03-05	35.0			14.7						15.2	35.1	5.3	906
	06-08	21.2			21.5						19.8	37.5	6.2	912
	09-11	16.9			21.1						24.2	37.8	6.6	929
	12-14	16.4			22.6						22.6	38.4	6.6	928
	15-17	17.6			22.3						23.1	37.0	6.4	930
	18-20	25.9			19.8						17.9	36.4	5.8	927
	21-23	33.9			16.4						13.2	36.5	5.3	921
TOTALS		25.0			19.4						18.7	36.9	6.0	7370

USAFETAC FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12906	ELLINGTON AFB TX	68-70,72-80	ALL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	16.0			15.7						14.6	53.7	7.2	7378
FEB		22.9			17.3						17.8	42.0	6.3	6663
MAR		16.1			15.5						17.7	50.7	7.1	7409
APR		16.8			20.4						20.4	42.4	6.7	7145
MAY		15.4			31.2						27.1	26.2	6.0	7422
JUN		18.3			44.7						22.2	14.9	4.8	7168
JUL		13.0			42.3						28.9	15.8	5.4	7418
AUG		12.6			44.0						31.2	12.3	5.4	7393
SEP		17.7			38.8						25.1	18.5	5.3	7143
OCT		30.9			32.3						19.0	17.9	4.5	7266
NOV		27.1			24.2						18.9	29.8	5.4	7075
DEC		25.0			19.4						18.7	36.9	6.0	7370
TOTALS		19.3			28.8						21.8	30.1	5.8	86850



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

E

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

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

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month 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.



AI CLIMATOLOGY BRANCH
AC
WEATHER SERVICE/MAC
I ELLINGTON AFB TX
STATION STATION NAME

DAILY TEMPERATURES

41-46, 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
[illegible]							.2	1.6	.2				.3
[illegible]					.4	7.1	22.3	22.9	4.4	.			4.9
[illegible]			.1	.6	9.7	56.3	75.4	72.7	36.2	4.5			31.7
[illegible]		.3	1.6	7.8	49.6	89.3	95.2	94.3	77.0	33.9	4.4		38..
[illegible]	2.6	5.4	14.8	41.0	85.2	97.8	99.0	99.1	92.4	64.4	25.8	3.7	62.6
[illegible]	15.7	21.2	37.9	74.2	96.0	99.9	100.0	99.9	98.2	84.6	43.4	18.0	86.0
[illegible]	33.2	38.6	61.6	91.2	99.3			100.0	99.7	93.6	61.9	36.3	76.6
[illegible]	46.5	56.9	79.5	97.6	100.0	100.0			100.0	97.9	75.9	54.4	84.2
[illegible]	60.3	71.4	89.4	99.5						99.4	86.5	70.4	89.6
5	73.6	84.7	94.9	99.9						99.8	93.6	83.2	94.2
[illegible]	84.5	91.8	98.3	100.0						100..	97.7	92.7	97.1
45	90.9	97.1	99.7								99.5	97.8	98.7
4[illegible]	96.9	99.1	99.9								100.0	99.4	99.6
[illegible]5	99.2	99.8	100.0									100.0	99.9
[illegible]	99.7	99.9											100.0
[illegible]	100..	1[illegible].3											100.0
MEAN	62.1	65.2	70.9	77.6	84.0	89.4	91.6	91.5	87.4	8 .9	71.2	64.8	78.1
S D.	1.634	1.205	8.435	5.658	4.598	3.938	3.933	4.046	4.970	6.59.	9.579	9.695	12.861
TOTAL OBS	1108	997	1085	1049	1085	1049	1115	1111	1080	1115	1050	1085	12930

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

...SAL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC
1 ...ELLINGTON AFB, TX 41-46, 50-80
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
						1.3	.8	1.0	.3				.3
10					6.9	33.7	56.3	54.5	24.2	2.3	.3		15.3
7	.2	.2	2.3	15.4	35.5	81.3	97.5	96.5	67.2	15.3	2.8	.2	34.9
20	3.4	2.5	11.8	36.9	71.8	96.4	99.6	99.6	87.3	34.1	10.6	2.9	46.9
30	11.5	10.4	26.1	57.8	89.1	99.2	100.0	99.9	95.8	55.6	23.9	9.3	56.6
35	18.4	21.6	43.3	77.5	96.9	100.0		100.0	99.4	74.9	39.0	19.9	66.2
40	31.3	37.5	63.5	90.6	99.6				99.8	89.3	54.6	33.6	75.2
45	45.5	57.1	79.2	96.9	100.0				100.0	97.3	73.4	51.1	83.5
50	62.9	75.7	91.0	99.7						99.6	88.3	71.5	91.8
55	81.1	89.8	97.2	100.0						100.0	96.8	88.5	96.0
60	94.6	98.1	98.2								97.9	92.1	97.2
65	99.2	99.4	99.6								99.3	96.7	98.6
70	99.3	99.6	99.9								99.9	99.5	99.7
	99.6	99.8	100.0								100.0	99.9	99.9
	100.0	100.0										100.0	100.0
MEAN	44.	48.6	52.6	60.7	66.9	72.5	74.7	74.4	70.6	60.4	51.4	45.6	5[illegible].0
S.D.	9.932	9.726	9.491	7.897	5.577	3.801	2.378	2.519	5.231	8.243	9.085	9.647	13.597
TOTAL OBS.	10[illegible]	997	1085	1049	1085	1049	1115	1111	1 60	111	1050	1085	1 93.

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

...AL CLIMATOLOGY BRANCH
...TAC
...HER SERVICE/MAC
1 ...ELLINGTON AFB TX 41-46, 51-8
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
ALL							.1	.1					.
					.2	13.1	34.4	33.1	5.6	.3			7.4
				1.3	19.1	74.0	92.5	89.6	56.4	8.7	.4		36.9
	.5	.7	4.3	22.6	65.9	95.6	99.3	99.5	85.7	32.5	7.0	.5	53.3
	3.4	7.8	19.1	52.5	89.4	99.6	100.0	100.0	96.4	61.2	22.6	5.8	65.5	
	16.2	31.8	42.6	79.1	98.2	100.0			99.1	81.2	39.7	17.6	76.5
	30.4	37.4	64.4	92.2	99.9				99.9	93.7	58.6	32.9	86.0
5	44.9	56.1	80.2	96.8	100.0				100.0	98.5	75.9	52.9	94.1
	63.8	75.6	91.4	99.7						99.7	89.6	73.8	91.2
4	78.2	89.3	97.5	100.0						100.0	96.1	89.7	95.9
4	87.4	95.9	99.6								99.6	96.0	99.4
5	96.2	99.3	99.9								100.0	99.3	99.6
	98.9	99.8	100.0									100.0	99.9
5	99.7												100.0
	100.0	100.0											100.0
MEAN	53.2	56.1	62.0	69.3	75.6	81.2	83.3	83.1	79.2	70.0	61.5	55.4	69.2
S.D.	9.577	9.246	8.311	6.13	4.436	3.345	2.038	2.778	4.436	6.774	9.064	8.888	12.867
TOTAL OBS.	1106	997	1085	1049	1085	1049	1115	1111	1080	1116	1050	1085	12930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13960 STATION | ELLINGTON AFB TX STATION NAME | 41-46, 51-87 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41							96	97	94	91	83	77	
42	77	78	88	84	91	97	97	96	93	92	85	82	97
43	80	81	89	97	92	97	103	97	95	87	86	79	103
44	74	81	83	92	90	96	100	100	97	93	83	82	100
45	74	80	87	99	90	94	97*	100	93	90	87	77	* 100
46	77*	78											
50	* 81	81	84	95	89*	94	95	96	96	93	89	84	96
51	82	79	88	85	92	94	101	100	97	93	86	83	101
52	82	81	82*	83	88	95	95	98	97	96	82	80	98
53	79	80	86	93	91	97	95	98	97	91	79	81	98
54	77	87	84	87	89	96	104	100	97	94	81	81	104
55	78	79	86	91	95	96	98	98	95	92	89	82	98
56	81	82	86	97	92	98	100	98	100	94	85	83	100
57	84	85	84	83	89	93	101	100	95	87	66	77	101
58	75	76	81	89	95	99	99	101	93	89	85	81	101
59	76	79	83	89	94	96	96	96	93	89	84	74	96
60	78	75	82	84	93	97	97	93	92	87	84	79	97
61	78	80	82	84	90	92	93	94	95	89	84	77	95
62	77	86	81	90	87	93	95	103	94	95	85	77	103
63	79	79	83	91	90	96	95	99	101	89	87	79	101
64	73	74	77	88	92	97	98	98	96	90	83	81	98
65	80	78	86	87	89	94*	98	96	94	88	86	79	* 98
66	76	71	83	85	91	92	97	93	93	90	81	81	97
67	81	77	84	87	92	96	99	96	90	88	85	78	99
68	76	76	79	84	89	92	91	96	95	89	83	73	96
69	81	79	77	85	91	96	98	99	93	90		77	
70	79	76	76	87	87	94	97	95	92	88	81	80	97
71	81	81	86	87	88	94	96	92	93	90	85	79	96
72	82	80	85	88	91	95	94	94	95	90	85	81	95
73	74	74	80	87	95	94	96	94	91	89	87	79	96
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

...L CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

I ...9 ELLINGTON AFB TX 41-46, 5...-5
STATION STATION NAME YEARS

...NOLT DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
7...	7...	79	9...	...7	91	94	96	94	9...	...9	83	77	9...
7...	8...	82	85	95	87	7...	96	93	95	9...	86	8...	...5
76	77	93	86	85	91	92	97	100	99	...7	85	7...	1...0
77	79	80	84	...3	93	96	97	97	96	93	65	8...	97
7...	7...	83	82	90	94	93	98	97	93	89	88	82	98
7...	7...	75	8...	...6	92	94	93	96	9...	94	85	8	96
...	77	63	82	...7	91	9...	102	1...0	98	89	9...		
MEAN	77.7	79.4	...3.4	...6.9	...8	95.1	97.1	97.1	94.5	9...1	...4.6	7...3	...8.5
S.D.	2.899	3.483	3.398	2.5...3	2.211	2.2...7	2.733	2.651	2.547	2.46...	2.279	2.715	...45...
TOTAL OBS.	1104	997	1086	1049	1...5	1...49	111...	1111	1...8	1116	1...5	1...5	1...93

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

...AL CLIMATOLOGY BRANCH
...FETAC
... WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

...S ELLINGTON AFB TX 41-48, 5,-8
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41							72	68	67	51	36		
42	28	33	34	43	55	67	70	74	45	50	36	36	28
43	21	32	22	49	63	72	70	72	61	41	30	25	21
44	26	31	38	44	51	71	71	70	63	46	34	26	26
45	33	32	43	40	45	58	7.*	69	56	47	34	26	26
46	31*	38											
5.	* 44	37	35	43	61*	64	69	66	61	53	24	17	17
51	20	15	31	4.	59	55	74	72	62	51	29	27	15
52	33	35	34*	44	53	65	72	67	58	40	36	28	28
53	27	26	41	44	54	69	72	71	56	5	39	27*	27
54	26	33	35	46	46	62	73	73	57	42	39	23	23
55	25	25	32	51	62	59	73	73	66	44	32	26	25
56	33	33	31	43	61	66	73	67	61	51	32	35	31
57	27	39	35	46	54	64	73	71	6.	37	37	25	25
58	39	26	37	49	56	71	73	70	69	51	32	5	5
59	24	36	38	43	62	7.	7.	74	61	44	28	31	24
6.	23	27	31	49	53	67	72	71	6.	47	36	3.	27
61	27	32	42	40	52	65	71	65	57	45	34	27	27
62	14	34	31	39	52	64	66	69	56	49	38	24	14
63	10	25	34	48	57	65	74	70	55	47	32	21	10
64	20	29	35	40	55	57	71	73	64	43	31	20	20
65	23	28	30	40	52	67*	72	69	61	39	42	36	23
66	21	29	34	43	60	61	71	66	61	43	32	26	21
67	29	28	32	57	52	62	61	57	46	41	33	28	28
68	23	25	26	45	54	64	63	62	57	48	33	31	23
69	24	36	35	51	57	62	74	76	59	47		31	
7.	21	28	35	42	52	58	66	66	58	44	28	35	21
71	29	27	27	41	49	64	68	67	53	50	38	38	27
72	23	26	39	47	59	64	69	67	53	49	36	28	23
73	21	24	45	39	52	66	7.	68	65	46	42	25	21
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 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)

[ ] [ELLINGTON AFB TX] [41-46, 5[illegible]-8[illegible]]
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	3[illegible]	28	42	45	53	59	67	7[illegible]	[illegible]	47	34	34	[illegible]
75	27	26	32	39	62	60	71	70	59	46	31	3[illegible]	23
76	[illegible]	35	41	46	55	65	7[illegible]	71	6[illegible]	4[illegible]	27	31	[illegible]
77	23	33	36	43	61	67	7[illegible]	73	6[illegible]	47	36	[illegible]	32
78	27	27	31	3[illegible]	51	69	73	73	63	47	44	3[illegible]	27
79	22	29	36	47	57	61	72	71	6[illegible]	46	33	33	22
8[illegible]	37	31	27	41	57	63	71	71	6[illegible]	38	32		
MEAN	2[illegible].6	3[illegible].1	34.6	44.4	56.3	64.6	7[illegible].5	69.3	5[illegible].4	45.[illegible]	3[illegible].3	[illegible].1	[illegible].7
S.D.	[illegible].24[illegible]	4.765	5.145	4.393	4.472	3.924	2.804	[illegible].39[illegible]	[illegible].233	4.3[illegible]2	4.32[illegible]	4.3[illegible]7	4.[illegible]3
TOTAL OBS.	11[illegible]+	997	1085	1049	1[illegible]5	1049	1115	[illegible]111	1[illegible]8	1116	1[illegible]9[illegible]	1[illegible]5	1,9[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 2[illegible] OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

12926 STATION | ELLINGTON AFB TX STATION NAME | 69-7..73-60 YEARS | JA MONTH

PAGE 1 | 0000-02 HOURS (L. S.

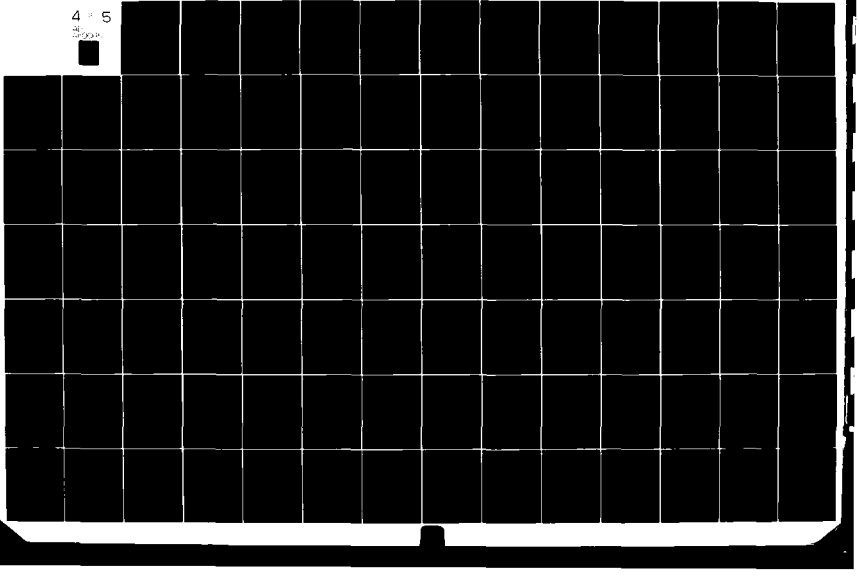
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew
7?/ 71		.9	.5															13	13		
7_/ 69		2.2	.6															26	26	13	
6_/ 67		3.2	.3															33	33	33	
66/ 65	.1	3.3																32	32	33	
64/ 63	.1	3.2	.6	.1														38	38	35	
62/ 61	.2	.6	.4	.2	.1	.3												18	18	23	
60/ 59	.4	2.8	.2				.3											35	35	23	
58/ 57	.1	3.0	1.0	.2	.2	.2												44	44	32	
56/ 55	.3	2.7	1.5	.6	.1													49	49	36	
54/ 53	.2	3.1	.3	.1	.1	.3												39	39	47	
52/ 51	.5	3.3	.6	.5	.1													48	48	46	
50/ 49	.3	3.4	.8	.4	.2													48	48	48	
48/ 47	.1	3.3	.4	.4	.4	.1												45	45	46	
46/ 45	.5	3.0	1.6	.5	.5	.1												59	5_	53	
44/ 43	.8	1.3	3.1	1.3	.2													62	62	32	
42/ 41	.3	3.0	1.8	.9	.8													63	63	53	
40/ 39	.3	3.4	3.3	1.2	.4													81	31	62	
38/ 37	.4	2.5	1.0	.4	.2	.2												44	44	76	
36/ 35	.3	1.9	2.3	.8	.1													50	50	64	
34/ 33	.3	1.5	.9	.1														26	26	51	
32/ 31	.1	1.3	1.6	.1														29	29	34	
30/ 29		.4	1.5	.1														19	19	30	
28/ 27	.1	1.1	.6	.1														17	17	16	
26/ 25	.2	.3	.8															12	12	28	
24/ 23																				10	
22/ 21																				6	
20/ 19																					
18/ 17																					
16/ 15																					
14/ 13																					
12/ 9																					
8/ 7																					
6/ 5																					

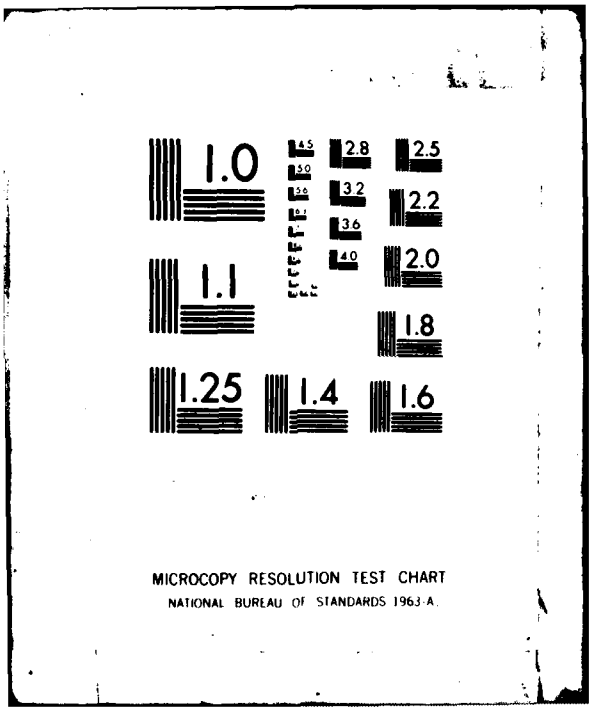
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

AD-A110 045 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ELLINGTON AFB, HOUSTON, TEXAS REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
AUG 81
UNCLASSIFIED USAFETAC/DS-81/087 SBI-AD-E850 116 NL

4 5




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.9	54.8	25.9	8.2	3.5	1.3	.3											930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6261469	75121	80.8	14.434	930							
Dry Bulb	2272674	44714	48.1	11.499	930		7.7	7.2				93
Wet Bulb	2059061	42321	45.5	11.973	930		12.4	4.6				93
Dew Point	1841903	39225	42.2	14.206	930		25.3	3.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71		.5	.1															6	6		
70/ 69		1.8	1.0															26	26	11	5
68/ 67		2.2	.5															25	25	21	2
66/ 65	.3	4.3		.1														44	44	41	22
64/ 63	.6	2.4	.5	.1														34	34	40	52
62/ 61	.6	1.6	.5	.1														27	27	24	32
60/ 59	.2	2.0	.2			.1	.1											25	25	27	12
58/ 57	.4	2.5	.5	.1	.1	.1												35	35	32	41
56/ 55	.4	3.7	1.5	.4		.4												60	60	30	22
54/ 53	.1	2.9	1.0	.3	.2	.1												43	43	43	3
52/ 51	.2	3.3	.9	.2	.3													46	46	45	4
50/ 49		2.7	.2	.2														29	29	48	52
48/ 47	.1	4.2	.5															45	45	40	34
46/ 45	.2	3.1	1.5	.1	.1													47	47	48	4
44/ 43	.8	2.7	2.7	.5	.3													65	65	42	42
42/ 41	.3	2.3	2.2	1.6	.4													63	63	40	28
40/ 39	.6	2.9	2.6	.8	.5													69	69	60	36
38/ 37	1.3	2.8	1.1	.3	.8													58	58	76	49
36/ 35	.1	2.6	1.1	.1														36	36	55	54
34/ 33	.6	2.6	1.4	.6	.2													51	51	57	51
32/ 31	.3	1.6	1.8		.1													35	35	42	6
30/ 29	.1	1.1	1.3															20	20	33	3
28/ 27	.2	.5	1.3															16	16	25	27
26/ 25	.1	.9	.6															15	15	24	33
24/ 23		.2	.6															8	8	13	9
22/ 21			.2															2	2	8	26
20/ 19																				5	21
18/ 17																					22
16/ 15																					13
14/ 13																					3
12/ 11																					4
10/ 9																					6
8/ 7																					4

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_n	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 AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	7.7	57.3	25.3	5.7	3.1	.8	.1											930	930	930	93

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	6453744	76438	82.2	13.575	930							
Dry Bulb	2204612	43916	47.2	11.867	930		9.6	5.7				93
Wet Bulb	2016899	41779	44.9	12.277	930		15.0	3.2				93
Dew Point	1820901	38929	41.9	14.365	930		26.8	2.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71		.3																3	3	1	
70/ 69		1.9	.4															22	22	12	4
68/ 67		1.3	.9															20	20	14	17
66/ 65	.4	4.6	.1															48	48	26	18
64/ 63	.8	1.6	.3	.1														26	26	49	49
62/ 61	.5	3.4	.9		.1													46	46	33	34
60/ 59	.6	2.7	.2		.1													34	34	38	35
58/ 57	.3	1.7	.3	.1		.1												24	24	33	39
56/ 55	.1	3.1	1.3		.1	.1												44	44	22	25
54/ 53	.6	2.6	.6	.3		.2												41	41	38	31
52/ 51	.2	3.3	.8		.2		.1											43	43	34	24
50/ 49	.1	3.1	1.2	.4	.1													46	46	47	40
48/ 47	.4	3.7	.6	.2														46	46	45	45
46/ 45	.6	3.0	.8															41	41	54	47
44/ 43	.5	2.8	2.3	.5	.3													60	60	40	33
42/ 41	.5	2.3	2.6	.5	.3													58	58	44	44
40/ 39	.6	3.1	2.7	.6	.1													67	67	50	35
38/ 37	1.0	2.4	2.2	.4	.2													57	57	73	31
36/ 35	.4	1.9	1.2	.4	.2													39	39	51	46
34/ 33	.3	3.0	1.4	.8														51	51	60	56
32/ 31	.2	1.9	1.4	.6	.1													40	40	41	56
30/ 29	.4	1.4	1.1	.1														28	28	41	49
28/ 27	.3	.9	.3															14	14	27	36
26/ 25	.1	1.0	.1															11	11	24	33
24/ 23		.9	.3															11	11	14	13
22/ 21	.1	.2	.5															8	8	8	20
20/ 19		.1	.1															2	2	7	30
18/ 17																				4	13
16/ 15																					13
14/ 13																					3
12/ 11																					9
10/ 9																					5
8/ 7																					5

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	9.5	58.3	24.5	5.3	1.9	.4	.1											930	930	930	930

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6569919	77245	83.1	12.876	930							
Dry Bulb	2165448	43446	46.7	12.091	930		11.4	4.5				9?
Wet Bulb	1991689	41449	44.6	12.466	930		16.6	2.7				93
Dew Point	1808664	38754	41.7	14.442	930		28.1	2.1				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
10/ 9																					6
8/ 7																					7
TOTAL	3.7	39.2	25.6	17.4	8.3	3.5	1.8	.3	.1									930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5577749	70263	75.6	17.025	930							
Dry Bulb	2609356	48014	51.6	11.852	930		3.6	12.2	2.5			93
Wet Bulb	2279246	44618	48.0	12.216	930		10.2	7.1	.1			93
Dew Point	1977531	40543	43.6	15.038	930		21.9	4.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13906	ELLINGTON AFB TX	69-70,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.1	.2														3	3		
76/ 75			.1	.5	.2													8	8		
74/ 73		.3	.6	.3	.1		.1											14	14	1	
72/ 71		.8	1.5	.2	.1													24	24	10	1
70/ 69		1.5	1.8	.6	.1		.1	.1										40	40	27	16
68/ 67	.1	1.9	.9		.3	.1		.1	.1									33	33	33	31
66/ 65	.1	2.9	.1	.8	.2	.2	.1											41	41	40	30
64/ 63	.3	2.8	.6	.8	.2	.2												46	46	42	47
62/ 61	.5	2.3	.3	.6	.3	.3	.2											43	43	38	45
60/ 59		1.4	.8	.8	.4	.5	.3											39	39	32	24
58/ 57	.1	2.4	.8	.5	.5		.2	.1										43	43	31	24
56/ 55	.4	2.2	1.6	.9	.5	.1												53	53	37	39
54/ 53	.1	1.5	.6	.3	.3	.4	.4											35	35	46	24
52/ 51		1.9	1.5	.5	.2	.5												44	44	46	38
50/ 49	.2	4.1	1.2	1.5	.1	.1	.2											69	69	49	34
48/ 47	.5	2.0	1.4	1.1	.4	.2												53	53	65	59
46/ 45	.2	1.3	1.5	1.2	.2	.2	.1											44	44	45	55
44/ 43	.1	2.0	1.5	1.4	.6	.2												55	55	42	32
42/ 41	.1	1.7	2.7	.9	.9	.2												60	60	54	26
40/ 39	.3	1.3	1.0	.6	.6													36	36	49	48
38/ 37	.1	2.5	1.2	.9	.6	.1												50	50	56	36
36/ 35	.1	.8	1.2	1.0	.9													36	36	48	47
34/ 33		.5	1.2	.8	.2													25	25	37	55
32/ 31	.1	.5	.4	.5														15	15	30	34
30/ 29	.1	.3	.5	.2														11	11	32	25
28/ 27		.2	.1	.3														6	6	17	31
26/ 25			.2															2	2	13	22
24/ 23		.1	.1															2	2	6	21
22/ 21																				3	19
20/ 19																				1	21
18/ 17																					7
16/ 15																					8
14/ 13																					11
12/ 11																					7

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81					.1	.1		.1										3	3		
80/ 79				.1	.5	.6			.1	.1								14	14		
78/ 77				.4	1.6	.5		.1	.1									26	26		
76/ 75			.2	1.1	1.0	.3	.3		.1	.1								29	29		
74/ 73			1.1	1.4	1.0	.3	.2	.1	.4		.2							44	44	3	
72/ 71		.2	1.3	1.5	.6	.4	.1	.3		.2		.1						45	45	19	1
70/ 69		.4	1.7	.2	.4	.4	.3		.3	.3								39	39	46	10
68/ 67		.6	1.3	.5	1.0	.8	.1	.3	.3									46	46	48	35
66/ 65	.3	1.3	.9	.1	.4	.2	.3	.2	.3									38	38	44	45
64/ 63		.9	.9	.6	.3	.6	.6	.5										42	42	42	60
62/ 61		.8	.8	.9	.8	.4	.6	.3	.3									45	45	30	32
60/ 59		.9	.5	.8	.3	.8		.2	.2									34	34	35	21
58/ 57		1.7	.3	.9	.5	.6	.1	.2										41	41	35	31
56/ 55	.1	.6	.5	1.0	.4	.6	.4	.4	.1									40	40	44	28
54/ 53		1.1	1.5	.4	.1	.9	1.3	.2										51	51	41	34
52/ 51	.1	2.6	1.1	1.2	1.2	.4	.8											68	68	52	35
50/ 49	.2	1.4	1.1	.6	.9	.6	.5											50	50	70	34
48/ 47	.3	.8	.5	.5	.2	.5	.5											32	32	44	54
46/ 45	.2	.9	1.2	1.2	.5	1.0	.4											50	50	45	43
44/ 43	.1	1.1	1.3	1.2	1.1	.2	.3											49	49	47	34
42/ 41		1.1	1.2	.6	1.2	.5												43	43	50	34
40/ 39	.3	.9	1.1	.4	.9	.8												40	40	52	44
38/ 37		.5	.5	.6	.6	.2												24	24	47	39
36/ 35		.6	.1	.1	.4													12	12	41	39
34/ 33		1.3	.3		.1													16	16	41	42
32/ 31		.5			.1													6	6	28	31
30/ 29		.1	.2															3	3	17	33
28/ 27																				6	35
26/ 25																				3	24
24/ 23																					13
22/ 21																					27
20/ 19																					20
18/ 17																					16
16/ 15																					9

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

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					7
12/ 11																					11
10/ 9																					9
8/ 7																					1
TOTAL	1.7	20.2	19.6	16.5	16.3	12.0	7.1	3.1	2.4	.8	.2	.1						930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4354446	60874	65.5	19.954	930							
Dry Bulb	3104923	52475	56.4	12.452	930		.9	24.6	11.6	.9		93
Wet Bulb	2490234	46822	50.3	11.962	930		5.4	11.6	.3			93
Dew Point	1998940	40682	43.7	15.366	930		23.5	4.6				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
82/ 81						.1		.1										2	2		
80/ 79					.4	.1		.1										6	6		
78/ 77				.4	.5	.6	.1	.1	.1	.2	.1							21	21		
76/ 75			.1	1.0	1.2	.4			.3	.3								31	31		
74/ 73			1.3	1.4	.5	.3	.2	.3	.5	.1								44	44	1	
72/ 71	.1	.4	1.4	1.2	.6	.3	.3		.1		.3							45	45	19	1
70/ 69		.9	1.7	.5	.6	.1		.4	.3	.1		.1						45	45	36	11
68/ 67		.6	.8	.8	.9	.5	.2	.3	.2	.1	.1							42	42	48	39
66/ 65		1.1	1.3	.5	.6	.2	.5	.2	.2									44	44	44	32
64/ 63	.1	1.0	.8	.8	.2	.4	.4	.4	.4	.2								44	44	41	55
62/ 61	.2	.4	.4	1.0	.8	.3	.4	.4	.3									40	40	28	32
60/ 59		.9	1.4	.5	1.0	.3	.2	.3										43	43	44	31
58/ 57	.1	1.4	.8	.6	1.0	.4	.3	.3	.3	.1								50	50	37	19
56/ 55	.1	1.6	.6	1.0	1.1	.5	.6	.5	.1									58	58	50	30
54/ 53		1.8	.8	.6	1.1	1.1	.8	.1										58	58	45	46
52/ 51		1.6	1.7	.5	1.3	.8	.8	.1										63	63	51	40
50/ 49	.1	1.1	.6	.9	.6	.3	.6											40	40	61	37
48/ 47	.5	.5	.2	.4	.6	1.0	.4											35	35	65	43
46/ 45	.3	.8	1.2	1.3	1.0	.8	.2											51	51	49	35
44/ 43		1.0	1.1	1.0	.6	1.2												45	45	42	49
42/ 41		1.2	1.0	1.4	.9	1.3	.3											56	56	53	34
40/ 39	.3	.5	.5	.6	.5	.2												26	26	48	37
38/ 37		.6	.1	.1	.1	.1												10	10	54	42
36/ 35		.9			.3													11	11	38	3
34/ 33		.9	.3															11	11	38	41
32/ 31		.5	.4															9	9	20	41
30/ 29																				12	47
28/ 27																				6	22
26/ 25																					24
24/ 23																					23
22/ 21																					16
20/ 19																					26
18/ 17																					10
16/ 15																					12

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					9
12/ 11																					7
10/ 9																					2
8/ 7																					3
TOTAL	1.9	19.7	18.5	16.6	16.6	11.5	6.6	3.9	3.0	1.2	.5	.1						930	930	930	93

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4274778	60092	64.6	20.540	930			.9	23.6	10.4	.4	93
Dry Bulb	3130974	52846	56.8	11.741	930			3.8	10.4	.1		93
Wet Bulb	2496715	47005	50.5	11.410	930			24.4	5.1			93
Dew Point	1983571	40603	43.7	15.066	930							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

1600-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75			.1															1	1		
74/ 73			.4	.1														5	5		
72/ 71		.8	1.1	.2														19	19	2	
70/ 69		1.9	2.2	.3		.2		.2										45	45	22	8
68/ 67		2.0	1.4		.2		.1											35	35	30	31
66/ 65		2.4	1.8				.2											41	41	35	24
64/ 63		2.6	.6	.5	.1	.2												38	38	43	49
62/ 61		3.0	1.0	.2	.1	.1	.1											42	42	37	26
60/ 59	.1	2.5	1.1		.5	.2	.1		.1									43	43	39	37
58/ 57	.1	1.8	1.7	.5	1.2	.1		.1	.1									53	53	38	4[illegible]
56/ 55	.3	2.6	1.4	1.5	.6	.3	.2		.1									66	66	41	27
54/ 53		2.6	1.1	.6	.5	.4	.1											50	50	45	4[illegible]
52/ 51	.2	2.4	.9	.5	.6	.4												47	47	50	52
50/ 49		2.8	1.7	.8	.9	.1	.3											61	61	61	29
48/ 47	.4	1.3	1.3	1.7	.9	.2	.1											55	55	50	48
46/ 45	.2	1.0	2.0	1.2	.6	.8												54	54	39	37
44/ 43	.1	1.6	3.0	1.9	.9	.1												71	71	52	44
42/ 41		2.2	1.4	1.5	1.1													57	57	63	31
40/ 39	.1	1.3	1.3	1.3	.5													42	42	62	45
38/ 37	.2	.8	.9	1.0	.3	.1												30	30	65	47
36/ 35		.9	.4	1.1	.1													23	23	46	37
34/ 33		1.5	.4	1.3														30	30	34	55
32/ 31		.1	1.1	.5														16	16	29	34
30/ 29		.1	.3	.1														5	5	19	36
28/ 27	.1																	1	1	20	4[illegible]
26/ 25																				7	18
24/ 23																				1	21
22/ 21																					18
20/ 19																					27
18/ 17																					12
16/ 15																					9
14/ 13																					1
12/ 11																					4
10/ 9																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.9	38.0	28.6	17.0	9.2	3.3	1.3	.3	.3									930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5490882	69786	75.0	16.543	930							
Dry Bulb	2602561	48165	51.8	10.786	930		2.2	10.5	.6			93
Wet Bulb	2268049	44697	48.1	11.358	930		7.6	5.4				93
Dew Point	1955901	40553	43.6	14.209	930		22.3	3.9				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

 21[illegible]-23[illegible] (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.1																1	1		
72/ 71		1.4	.4															17	17	2	
70/ 69		2.3	.5															26	26	16	11
68/ 67		2.8	.5															31	31	34	30
66/ 65		2.9	.1															28	28	26	29
64/ 63	.2	3.4	.6	.1			.1											42	42	36	33
62/ 61	.3	2.6	.4	.2			.1	.1										35	35	36	27
60/ 59	.1	2.9	.4	.1	.1													34	34	30	31
58/ 57	.5	2.6	.9	.2	.9													47	47	37	33
56/ 55	.5	3.2	1.3	.5	.2													54	54	38	39
54/ 53	.3	3.8	1.0	.5	.2													54	54	48	37
52/ 51	.2	3.3	.8	.9	.2	.2	.1	.1										54	54	48	43
50/ 49	.2	3.5	.4	.6	.5	.2	.1											53	53	59	39
48/ 47	.5	3.1	.9	.6	.3	.1												52	52	46	54
46/ 45	.2	1.6	2.7	.4	.2													48	48	40	28
44/ 43	.9	1.8	3.2	1.9	.3	.1												77	77	47	44
42/ 41	.7	2.0	2.5	1.8	.3	.1												65	65	61	28
40/ 39	.2	1.8	2.2	1.5	.4													57	57	64	37
38/ 37	.5	1.5	1.5	1.1	.4													47	47	66	61
36/ 35		1.4	.5	.4														22	22	56	59
34/ 33		1.5	.9	.3														25	25	37	33
32/ 31		.6	2.3	.6														33	33	32	39
30/ 29	.2		1.0	.3														14	14	21	49
28/ 27	.1	.5	.3	.4														13	13	24	27
26/ 25			.1															1	1	18	27
24/ 23																				8	18
22/ 21																					21
20/ 19																					21
18/ 17																					14
16/ 15																					5
14/ 13																					5
12/ 11																					5
10/ 9																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.4	50.9	25.4	12.8	4.2	.8	.4	.2										930	930	930	93

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6115447	74131	79.7	14.906	930							
Dry Bulb	2393516	46056	49.5	11.014	930		6.1	7.5	.1			93
Wet Bulb	2158459	43467	46.7	11.686	930		10.3	5.2				93
Dew Point	1921213	40185	43.2	14.105	930		23.4	4.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81					.0	.0		.0										5	5		
80/ 79				.0	.1	.1		.0	.0	.0								20	20		
78/ 77			.0	.1	.3	.1	.0	.0	.0	.0	.0							50	50		
76/ 75			.1	.3	.3	.1	.0		.1	.1								69	69		
74/ 73		.1	.4	.4	.2	.1	.1	.1	.1	.0	.0							108	108	5	
72/ 71	.0	.7	.8	.4	.2	.1	.1	.0	.0	.0	.0	.0						172	172	53	3
70/ 69		1.6	1.2	.2	.1	.1	.1	.1	.1	.1		.0						269	269	183	70
68/ 67	.0	1.8	.8	.2	.3	.2	.1	.1	.1	.0	.0							265	265	261	229
66/ 65	.2	2.8	.5	.2	.2	.1	.1	.1	.1									316	316	289	240
64/ 63	.3	2.2	.6	.4	.1	.2	.1	.1	.1	.0								310	310	328	377
62/ 61	.3	1.8	.6	.4	.3	.2	.2	.1	.1									296	296	249	257
60/ 59	.2	2.0	.6	.3	.3	.2	.1	.1	.0									287	287	268	206
58/ 57	.2	2.1	.8	.4	.6	.2	.1	.1	.1	.0								337	337	275	249
56/ 55	.3	2.5	1.2	.7	.4	.3	.2	.1	.0									424	424	298	242
54/ 53	.2	2.4	.9	.4	.3	.4	.3	.0										371	371	353	280
52/ 51	.2	2.7	1.0	.6	.5	.3	.2	.0										413	413	372	317
50/ 49	.1	2.8	.9	.7	.4	.2	.2											396	396	443	310
48/ 47	.4	2.4	.7	.6	.4	.3	.1											363	363	401	370
46/ 45	.3	1.8	1.6	.7	.4	.3	.1											394	394	373	325
44/ 43	.4	1.8	2.3	1.2	.6	.2	.0											484	484	344	322
42/ 41	.2	2.0	1.9	1.2	.7	.3	.0											465	465	418	258
40/ 39	.4	1.9	1.8	.9	.5	.1												418	418	447	313
38/ 37	.4	1.7	1.0	.6	.4	.1												320	320	513	357
36/ 35	.1	1.4	.8	.5	.3													229	229	399	383
34/ 33	.2	1.6	.8	.5	.1													235	235	355	378
32/ 31	.1	.9	1.1	.3	.0													183	183	256	354
30/ 29	.1	.4	.7	.1														100	100	205	319
28/ 27	.1	.4	.3	.1														67	67	141	241
26/ 25	.1	.3	.2															41	41	117	215
24/ 23		.1	.1															21	21	52	141
22/ 21	.0	.0	.1															10	10	25	164
20/ 19		.0	.0															2	2	13	186
18/ 17																				4	116
16/ 15																					72

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					41
12/ 11																					43
10/ 9																					43
8/ 7																					21
6/ 5																					1
TOTAL	4.7	42.3	24.2	12.4	7.9	4.2	2.2	1.0	.7	.2	.1	.0							7440		7440
																		7440		7440	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	45098434	563950	75.8	17.778	7440							
Dry Bulb	20484066	379632	51.0	12.232	7440		42.4	95.8	25.2	1.3		744
Wet Bulb	17760352	352158	47.3	12.114	7440		81.3	50.2	.5			744
Dew Point	15308628	319470	42.9	14.623	7440		195.7	30.2				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73		.4	.4															6	6			
72/ 71	.1	.8	.4															11	11	9	1
70/ 69		.4	.8	.2														12	12	9	11
68/ 67	.6	2.2	.4															27	27	13	17
66/ 65	.1	3.1	.4															30	30	25	18
64/ 63	.5	2.0	.6		.1				.1	.1								29	29	37	29
62/ 61	.5	3.4	.9	.2				.1		.1								45	45	30	29
60/ 59	.1	3.9	.2	.4	.1		.1		.1									42	42	38	35
58/ 57	.5	1.8	.5	.6	.4													31	31	33	37
56/ 55	.8	3.8	1.9	.4	.1													59	59	33	33
54/ 53	.4	4.7	1.1	.6														57	57	44	38
52/ 51	.6	4.4	.8	.2	.1	.5												56	56	68	40
50/ 49	.4	3.1	2.1	.2	.2	.4												54	54	55	64
48/ 47	.2	3.4	1.7	2.1	.7	.2												71	71	45	35
46/ 45	.6	4.1	3.2	.9	.6													80	80	60	54
44/ 43	.2	2.1	2.8	.8	.2													53	53	58	39
42/ 41	.2	1.9	2.7	.9														49	49	64	43
40/ 39	.4	2.1	1.7	.4	.1													39	39	59	38
38/ 37		3.1	1.5	.6														44	44	58	54
36/ 35		.6	.9	.2														15	15	42	34
34/ 33	.2	.2	.6	.6														14	14	20	55
32/ 31	.2	1.2	.7															18	18	17	39
30/ 29		.4																3	3	18	31
28/ 27		.1																1	1	11	23
26/ 25																					18
24/ 23																					10
22/ 21																					9
20/ 19																					9
18/ 17																					4
16/ 15																					1
14/ 13																					1
TOTAL	6.6	53.2	26.2	9.5	2.7	1.1	.1	.1	.2	.2									846		846
																		846		846	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5843027	69319	81.9	13.898	846							
Dry Bulb	2252681	42865	50.7	9.779	846		2.2	5.6	.6			84
Wet Bulb	2041403	40641	48.0	10.266	846		4.6	3.1				84
Dew Point	1845571	38133	45.1	12.247	846		14.1	2.9				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73		.4	.1															4	4		
72/ 71		.8	.5															11	11	4	1
70/ 69		.5	.5					.1										9	9	10	5
68/ 67	.1	2.4	.8															28	28	17	21
66/ 65		3.3	.5					.1										33	33	23	16
64/ 63	.6	1.8	.4															23	23	35	32
62/ 61	.5	2.2	.7															29	29	27	29
60/ 59	.4	3.2	.7															36	36	30	27
58/ 57	.5	3.2	.2	.2	.1	.1		.1										38	38	38	26
56/ 55	.9	3.5	1.1	.1	.2		.2											52	52	37	49
54/ 53	.8	3.7	.6	.4	.2		.1											49	49	39	34
52/ 51	.7	3.3	.2	.4	.2													41	41	50	37
50/ 49	.4	3.7	1.4	.5	.2	.2												54	54	38	43
48/ 47	.6	4.3	2.1	1.3	.4	.4												76	76	45	37
46/ 45	.6	3.7	1.5	.6	.2	.1												57	57	58	39
44/ 43	1.2	3.5	2.2	1.3	.1	.1												72	72	70	51
42/ 41	.8	2.1	3.4	.9														62	62	65	47
40/ 39	.5	2.8	2.4	.2														50	50	45	55
38/ 37	.1	2.8	1.3	.2														38	38	80	41
36/ 35	.4	2.4	.9	.4														34	34	50	44
34/ 33		.5	1.3	.2														17	17	28	55
32/ 31		.9	1.1	.2														19	19	14	47
30/ 29	.2	.5	.4	.1														10	10	21	31
28/ 27		.4																3	3	14	23
26/ 25		.1																1	1	7	16
24/ 23																				1	11
22/ 21																					10
20/ 19																					16
14/ 13																					3
TOTAL	9.2	55.9	24.3	7.1	1.8	.9	.4	.4											846		846
																		846		846	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6029066	70552	83.4	13.117	846							
Dry Bulb	2144475	41711	49.3	10.203	846		3.3	5.2	.4			84
Wet Bulb	1960690	39734	47.0	10.576	846		5.7	3.1				84
Dew Point	1786083	37447	44.3	12.334	846		15.6	2.7				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (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
74/ 73		.4																3	3		
72/ 71		.6	.8															12	12	3	2
70/ 69		.6	.2															7	7	7	2
68/ 67	.2	1.2	.5	.1														17	17	20	20
66/ 65	.1	3.3	.4					.1										33	33	15	14
64/ 63	.8	2.1	.6				.1											31	31	40	35
62/ 61	.4	2.4	.7	.5			.1											34	34	26	21
60/ 59	.2	3.7	.5	.1														38	38	25	30
58/ 57	.6	3.0	.5	.5	.1													39	39	46	35
56/ 55	1.2	3.8	.8	.1	.1			.1										52	52	38	39
54/ 53	.9	4.4	.5	.2	.1		.2											54	54	54	46
52/ 51	.8	2.1	.4	.2	.2	.1												33	33	44	44
50/ 49	.8	2.6	1.2	.9	.1	.2												50	50	35	42
48/ 47	1.1	3.4	1.4	1.4	.5													66	66	34	29
46/ 45	.7	4.4	1.7	.5	.4	.4												67	67	57	44
44/ 43	.8	3.4	1.5	.6	.2													56	56	72	31
42/ 41	1.1	2.8	2.2	.6	.2													59	59	62	51
40/ 39	.8	2.8	2.2	.4	.1													54	54	59	58
38/ 37	.2	4.0	1.1	.1														46	46	50	45
36/ 35	.2	2.8	1.2	.5														40	40	57	47
34/ 33	.1	1.2	1.3															22	22	40	48
32/ 31	.1	.4	.8															11	11	17	54
30/ 29	.5	.6	.6															14	14	20	28
28/ 27	.1	.2	.1															4	4	15	25
26/ 25	.1	.1																2	2	6	13
24/ 23	.1																	1	1	3	8
22/ 21																					16
20/ 19																					13
18/ 17																					2
14/ 13																					3
TOTAL	12.2	56.3	21.2	6.7	2.1	.7	.5	.2										845	845		845
																				845	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6128644	71104	84.1	13.129	845							
Dry Bulb	2119303	41413	49.0	10.308	845		3.2	3.9	.3			84
Wet Bulb	1945264	39536	46.8	10.634	845		6.1	3.0				84
Dew Point	1778627	37349	44.2	12.305	845		16.1	2.4				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
80/ 79											.1							1	1		
78/ 77				.1	.5	.1												6	6		
76/ 75		.1	.2	.8	.4	.6	.1											19	19		
74/ 73		.1	.9	.7	.2	.4	.5						.1					25	25	2	
72/ 71		.4	1.4	.5	.5	.5		.1		.1								29	29	9	3
70/ 69		.8	2.1	1.4	.5	.2			.1									42	42	21	8
68/ 67		2.1	1.1	1.2	.4	.4	.1	.1		.1								46	46	36	21
66/ 65	.5	2.6	1.2	.8	.4	.2	.1	.4										50	50	48	43
64/ 63	.2	2.1	.8	.9	.2	.7	.6	.2	.2									50	50	57	40
62/ 61	.1	1.9	1.3	1.1	.5	.4	.6		.1									50	50	47	48
60/ 59	.4	1.7	1.2	.4	.9	.6	.7	.5										53	53	33	38
58/ 57	.1	1.4	1.9	.4	1.2	.2	.5											48	48	44	35
56/ 55	.6	1.7	1.8	.8	.8	.4	.4	.4										57	57	50	46
54/ 53	.1	1.3	1.4	1.2	.9	.6	.8	.2										56	56	37	45
52/ 51	.1	1.3	2.0	.9	.5	.7	.8											54	54	53	31
50/ 49	.1	1.7	1.5	.9	.2	.7												44	44	55	29
48/ 47		1.3	.9	1.2	.9	.2	.1											40	40	58	39
46/ 45		1.4	1.2	1.2	.2	.1	.1											36	36	46	43
44/ 43	.1	1.3	1.9	.7	.4													37	37	46	38
42/ 41	.2	1.4	.8	.4	.2													26	26	60	35
40/ 39		1.3	.9	.5	.2	.1												26	26	42	49
38/ 37		1.5	.2	.6														20	20	28	38
36/ 35		.4	.7	.7	.1													16	16	29	42
34/ 33	.4		.4	.2														8	8	19	39
32/ 31		.6	.1	.1														7	7	8	35
30/ 29																				14	19
28/ 27																				3	25
26/ 25																				1	11
24/ 23																					12
22/ 21																					18
20/ 19																					6
18/ 17																					3
16/ 15																					3
14/ 13																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					3
TOTAL	3.0	28.4	25.9	17.3	10.2	7.1	5.4	1.9	.5	.2	.1		.1						846		846
																		846		846	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4695434	61164	72.3	17.988	846							
Dry Bulb	2771696	47558	56.2	10.781	846		.7	16.7	5.1			84
Wet Bulb	2336926	43538	51.5	10.676	846		2.6	6.8	.2			84
Dew Point	1983457	39401	46.6	13.253	846		13.5	3.2				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83							.1						.4					4	4		
82/ 81					.2	.1	.2		.1	.1								7	7		
80/ 79				.2	.1	1.1	.7	.4	.1				.2					24	24		
78/ 77				.9	1.4	1.1	1.2	.7	.2	.1		.1	.2	.1				52	52		
76/ 75		.1		.6	.8	1.2	.7	.6		.1	.2							37	37		
74/ 73			.4	1.7	1.2	.6	.9			.6								45	45	6	1
72/ 71		.4	1.3	1.2	1.7	.6	1.2		.2	.1	.1	.1						58	58	13	2
70/ 69		.5	1.5	.7	1.1	.2	.4	.8	.5	.1		.1						50	50	45	11
68/ 67	.1	.5	.6	.1	.5	.5	.1	1.3	.6	.4								39	39	53	23
66/ 65		.1	.2	.8	1.3	.6	.4	1.2	.8	.4								49	49	58	37
64/ 63		.2	.2	2.1	.5	1.1	1.2	.4	.9	.1								57	57	42	42
62/ 61		1.1	.5	.4	1.2	1.2	.4	.7	.5	.5								53	53	32	36
60/ 59		.6	1.9	1.2	.4	.6	.6	.9	.6									57	57	46	42
58/ 57	.1	.6	.8	.7	1.1	.7	.2	.8	.2									45	45	40	35
56/ 55	.1	.8	.9	.6	1.2	.9	.9	.4										50	50	59	38
54/ 53		.8	.7	1.7	.2	.2	.8											38	38	64	50
52/ 51	.1	.6	1.2	.4	.5	.4	.1	.2										29	29	58	44
50/ 49	.1	.4	.2	.5	.5	.1	.1											16	16	59	32
48/ 47		.5	.2	.7	.9	.4	.2											25	25	53	32
46/ 45		.5	1.4	.8		.6	.1											29	29	40	27
44/ 43	.1	.9	.6	.6	.6	.1												25	25	45	38
42/ 41		1.1	.6	.8	.5	.1												26	26	40	47
40/ 39	.1	.8	.6	.4														16	16	24	52
38/ 37		.8	.1															8	8	25	37
36/ 35		.2																2	2	27	32
34/ 33	.2	.1																3	3	14	35
32/ 31	.1	.1																2	2	3	45
30/ 29																					17
28/ 27																					24
26/ 25																					22
24/ 23																					14
22/ 21																					19
20/ 19																					5
18/ 17																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																					2
14/ 13																					1
12/ 11																					3
TOTAL	1.2	11.7	14.1	17.0	15.7	12.3	10.6	8.4	4.8	2.5	.4	.4	.8	.1					846		846
																		846		846	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3421272	51136	60.4	19.773	846							
Dry Bulb	3328056	52178	61.7	11.405	846		.2	31.4	16.8	2.4		84
Wet Bulb	2537913	45521	53.8	10.237	846		.3	11.6	.6			84
Dew Point	1961991	39153	46.3	13.323	846		15.2	3.7	.1			84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
84/ 83								.2		.1								3	3		
82/ 81					.1	.2	.6		.4	.2								13	13		
80/ 79					.4	.6	.4			.1		.2		.2				16	16		
78/ 77				.6	1.4	.5	.5	.1	.1	.2		.4	.1	.4				36	36		
76/ 75			.4	1.3	.9	.9	.9	.6	.2	.1	.1							47	47		
74/ 73			.1	.7	.9	1.8	.6	.7			.1							42	42	4	
72/ 71		.8	.7	.9	1.7	.7	.5	.4	.5	.4	.2	.2						59	59	12	
70/ 69			2.2	1.1	.8	.8	.6	.5	.4	.5	.2							60	60	45	15
68/ 67		.4	1.7	.5	.7	.7	.8	.2	.8	.6	.6							59	59	37	10
66/ 65		.2	.5	.4	.4	.7	.6	.5	.5	.5								35	35	58	37
64/ 63	.1	.2	1.2	.7	1.2	1.2	.8	.6	.9	.2								61	61	57	51
62/ 61	.1	.7	.8	.6	1.5	.7	.7	.5	1.4	.7								66	66	39	35
60/ 59		.8	1.4	.6	.7	1.2	.7	.7	.6									57	57	44	35
58/ 57	.1	1.4	1.2	.7	.4	.4	.6											40	40	41	54
56/ 55	.2	.5	.7	.4	1.9	.8	.8	.7										51	51	81	36
54/ 53		.8	.2	1.1	.4	.5	.4		.4									31	31	49	46
52/ 51			1.3	1.2	.4		.1											25	25	54	38
50/ 49		.7	.7	.6	.6	.1	.2											25	25	52	33
48/ 47		.4		.5	.8	1.2	.4											27	27	65	41
46/ 45		1.5	.5	.6	.5	.6	.1											32	32	54	33
44/ 43			.6	.6	.4													13	13	37	34
42/ 41	.2	1.2	1.5	.1														26	26	22	47
40/ 39	.2	.4	.5															9	9	41	39
38/ 37	.1	.7																7	7	29	33
36/ 35	.2		.4															5	5	21	40
34/ 33	.1																	1	1	2	31
32/ 31																				2	42
30/ 29																					26
28/ 27																					18
26/ 25																					19
24/ 23																					17
22/ 21																					6
20/ 19																					6
18/ 17																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12206 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | FEB 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
16/ 15																					3
14/ 13																					2
12/ 11																					2
TOTAL	1.5	10.8	16.5	13.0	16.0	13.6	10.3	5.7	6.1	3.7	1.3	.8	.1	.6					846		846
																		846		846	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3373994	50516	59.7	20.572	846							
Dry Bulb	3361500	52528	62.1	10.881	846			33.3	15.6	2.5		84
Wet Bulb	2547082	45676	54.0	9.791	846		.2	9.7	.4			04
Dew Point	1951074	39040	46.1	13.302	846		15.4	2.5				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 — STATION
ELLINGTON AFB TX — STATION NAME
69-70,73-8[illegible] — YEARS
FEB — MONTH

1800-200[illegible] — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
78/ 77						.1		.1										2	2		
76/ 75			.4	.1				.1										5	5		
74/ 73		.2	.7	.2			.1				.1		.1					13	13		
72/ 71		.5	1.1	.5	.4	.2		.1		.1								24	24	9	
70/ 69		.9	2.0	1.1	.5	.5	.2			.1		.1						46	46	12	1[illegible]
68/ 67		1.7	2.7	1.3	.5	.4			.2			.1						58	58	21	16
66/ 65		2.6	1.5	1.1	.4	.2	.5	.2	.1	.1								57	57	43	30
64/ 63		1.9	1.1	1.2	.2	.5		.2	.1									44	44	55	37
62/ 61		2.0	1.5	1.4	.4	.6	.4	.2		.1								56	56	50	29
60/ 59		1.9	1.3	1.1	.2	.2	.6	.7										51	51	43	53
58/ 57	.5	1.1	2.5	.8	1.2	.6	.1	.2	.1									60	60	50	44
56/ 55	.4	2.0	1.9	.9	.5	1.2	.6	.6										68	68	47	4[illegible]
54/ 53	.1	1.8	2.6	1.4	1.2	.4	.4											66	66	52	47
52/ 51		1.2	1.5	1.1	1.5	.2	.7											53	53	53	4[illegible]
50/ 49	.2	1.2	2.4	1.7	.6	.8	.1											59	59	60	43
48/ 47	.1	.8	1.2	2.4	.1	.2												41	41	56	43
46/ 45		1.7	1.2	.5	.2	.6												35	35	73	39
44/ 43		.5	.5	.8	.2	.4												20	20	57	38
42/ 41		.9	2.2	1.8		.1												43	43	41	40
40/ 39		.7	1.3	.2														19	19	35	38
38/ 37	.2	.8	.8	.1	.1													18	18	40	42
36/ 35	.4	.1	.2															6	6	37	61
34/ 33			.2															2	2	7	38
32/ 31																				3	38
30/ 29																				2	16
28/ 27																					14
26/ 25																					13
24/ 23																					19
22/ 21																					4
20/ 19																					6
18/ 17																					4
16/ 15																					3
14/ 13																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.9	24.5	30.9	19.6	8.2	7.2	3.7	2.6	.6	.5	.1	.2	.1					846	846	846	846

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4601625	60585	71.6	17.639	846							
Dry Bulb	2758924	47642	56.3	9.483	846			14.7	2.0			84
Wet Bulb	2317850	43530	51.5	9.611	846		.5	4.2				84
Dew Point	1951141	39251	46.4	12.406	846		11.7	2.6				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

 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
74/ 73		.2	.1															3	3		
72/ 71		.8																7	7	6	2
70/ 69		1.4	.9															20	20	7	8
68/ 67	.1	1.9	1.9				.1			.1								35	35	14	12
66/ 65	.1	3.1	.7						.1		.2							36	36	33	24
64/ 63	.4	3.2	.8		.1	.1			.1	.1								41	41	39	29
62/ 61		4.8	.7	.2		.1												50	50	38	34
60/ 59	.4	3.7	.5	.6	.5	.1												48	48	46	46
58/ 57	.6	3.9	1.1	.7	.2			.1										56	56	48	47
56/ 55	.5	3.2	2.2	.2	.1	.4		.1										57	57	47	45
54/ 53	.1	3.2	3.2	.4	.2	.7	.2											68	68	37	35
52/ 51		2.8	1.3	.7	.5	.5												49	49	65	33
50/ 49		3.3	2.6	1.5	1.3	.5												78	78	55	50
48/ 47	.1	3.4	2.2	2.2	.4	.1												72	72	48	56
46/ 45	.4	2.2	2.4	.9	1.2													60	60	70	54
44/ 43		1.9	2.1	.8	.5													45	45	64	35
42/ 41		1.8	1.8	.8	.1	.1												39	39	69	38
40/ 39	.1	1.4	1.2	.4	.1													27	27	43	43
38/ 37		1.4	1.3	.2														25	25	47	41
36/ 35	.2	.5	.8	.6														18	18	31	47
34/ 33	.1	.5	.4	.1														9	9	20	46
32/ 31		.2																2	2	11	41
30/ 29		.1																1	1	6	16
28/ 27																				2	21
26/ 25																					25
24/ 23																					6
22/ 21																					2
20/ 19																					2
18/ 17																					8
TOTAL	3.1	49.1	28.3	10.5	5.2	2.6	.4	.2	.2	.2	.2								846		846
																		846		846	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5529020	67230	79.5	14.852	846							
Dry Bulb	2415569	44537	52.6	9.163	846		.3	6.5	.3			84
Wet Bulb	2153761	41887	49.5	9.722	846		1.9	2.7				84
Dew Point	1915792	38968	46.1	1.960	846		12.0	2.2				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83							.0	.0		.0			.0					7	7		
82/ 81					.0	.0	.1		.1	.0								20	20		
80/ 79				.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0				41	41		
78/ 77				.2	.4	.2	.2	.1	.0	.0		.1	.0	.1				96	96		
76/ 75		.0	.1	.4	.3	.3	.2	.2	.0	.0	.0							108	108		
74/ 73		.2	.3	.4	.3	.3	.3	.1		.1	.0		.0					141	141	12	1
72/ 71	.1	.6	.8	.4	.5	.3	.2	.1	.1	.1	.0	.0						211	211	65	11
70/ 69		.6	1.3	.5	.4	.2	.1	.2	.1	.1	.0	.0						246	246	156	70
68/ 67	.1	1.5	1.2	.4	.3	.2	.1	.2	.2	.1	.1	.0						309	309	211	140
66/ 65	.1	2.3	.7	.4	.3	.2	.2	.3	.2	.1	.0							323	323	303	219
64/ 63	.3	1.7	.7	.6	.3	.4	.3	.2	.3	.1								336	336	362	295
62/ 61	.2	2.3	.9	.5	.4	.4	.3	.2	.3	.2								383	383	289	261
60/ 59	.2	2.4	1.0	.5	.4	.3	.3	.4	.2									382	382	305	306
58/ 57	.4	2.0	1.1	.6	.6	.3	.2	.2	.0									357	357	340	313
56/ 55	.6	2.4	1.4	.4	.6	.5	.4	.3										446	446	392	326
54/ 53	.3	2.6	1.3	.9	.4	.3	.4	.0	.0									419	419	376	341
52/ 51	.3	2.0	1.1	.6	.5	.3	.2	.0										340	340	445	307
50/ 49	.3	2.1	1.5	.9	.5	.4	.1											380	380	409	336
48/ 47	.3	2.2	1.2	1.5	.6	.3	.1											418	418	404	312
46/ 45	.3	2.4	1.6	.8	.4	.3	.0											396	396	458	33
44/ 43	.3	1.7	1.5	.8	.3	.1												321	321	449	304
42/ 41	.3	1.7	1.9	.8	.1	.0												330	330	423	348
40/ 39	.3	1.6	1.3	.3	.1	.0												240	240	348	372
38/ 37	.1	1.9	.8	.2	.0													206	206	357	331
36/ 35	.2	.9	.7	.3	.0													136	136	294	353
34/ 33	.1	.3	.5	.1														76	76	150	347
32/ 31	.1	.4	.3	.0														59	59	75	342
30/ 29	.1	.2	.1	.0														28	28	81	184
28/ 27	.0	.1	.0															8	8	45	166
26/ 25	.0	.0																3	3	14	137
24/ 23	.0																	1	1	4	97
22/ 21																					98
20/ 19																					63
18/ 17																					23

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
15/ 15																					12
14/ 13																					12
12/ 11																					8
TOTAL	4.8	36.2	23.4	12.6	7.7	5.7	3.9	2.4	1.6	.9	.3	.2	.1	.1					6767		6767
																		6767		6767	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	39622082	501606	74.1	18.992	6767							
Dry Bulb	21152204	370432	54.7	11.368	6767		9.8	117.1	41.0	4.9		672
Wet Bulb	17840889	340063	50.3	10.540	6767		21.7	44.1	1.2			672
Dew Point	15173736	308742	45.6	12.678	6767		113.6	22.0	.1			672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73		1.1	.5		.1													16	16	3	
72/ 71	.3	3.0	2.7				.1											57	57	13	10
70/ 69	.2	3.0	2.2															50	50	51	31
68/ 67	.2	3.2	1.3	.2	.2	.2												50	50	48	61
66/ 65	.5	4.8	1.2	.4		.2			.3									70	70	61	49
64/ 63	.4	3.9	1.4	.4	.3		.1											61	61	59	54
62/ 61	1.2	5.6	1.2	.1	.3		.1	.1										80	80	66	59
60/ 59	.4	4.4	2.0	.8	.3	.4		.1										79	79	65	58
58/ 57	.4	3.7	1.3	1.2	.4	.4			.1									70	70	69	62
56/ 55	.6	3.2	1.8	1.0	.4	.3		.1										70	70	62	66
54/ 53	.8	2.9	2.5	1.1	.9	.2												77	77	61	53
52/ 51	.1	2.3	.6	2.0	.3													50	50	66	37
50/ 49	.1	3.0	1.7	1.6	.5													65	65	54	53
48/ 47		.9	1.5	.4	.3													29	29	60	47
46/ 45		1.6	1.3	.8	.5													39	39	49	47
44/ 43		1.2	.8	.1	.2													21	21	45	26
42/ 41		.3	.8	.6														16	16	34	42
40/ 39		.2	.9	.1														11	11	18	5
38/ 37		.3	.3	.2														8	8	21	34
36/ 35			.3															3	3	9	15
34/ 33			.2	.3														5	5	6	23
32/ 31				.2														2	2	4	21
30/ 29			.1															1	1	3	8
28/ 27																				1	6
26/ 25																				2	7
24/ 23																					4
22/ 21																					1
20/ 19																					3
18/ 17																					3
16/ 15																					
TOTAL	5.4	48.6	26.6	11.6	4.9	1.8	.3	.3	.4									930	930		93
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6424949	76261	82.0	13.566	930							
Dry Bulb	3193488	53874	57.9	8.841	930		.3	17.3	1.6			9
Wet Bulb	2895344	51124	55.0	9.563	930		1.0	11.5	.3			9
Dew Point	2659648	48562	52.2	11.547	930		5.3	10.2				9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73		1.0	.4															13	13	4	
72/ 71		3.2	2.0															49	49	9	8
70/ 69	.3	3.3	1.4															47	47	48	31
68/ 67	.2	3.8	1.6				.1	.3										56	56	51	56
66/ 65	.5	4.6	1.4	.2					.1									64	64	56	52
64/ 63	1.1	4.1	.8	.2	.2	.1												60	60	61	62
62/ 61	1.1	4.3	.4	.3	.6	.1												64	64	66	53
60/ 59	.9	4.2	1.1	.3	.6	.1		.1										68	68	57	61
58/ 57	.3	4.6	1.3	.9	.5	.2												73	73	49	47
56/ 55	.4	4.8	.8	.6		.1												63	63	65	48
54/ 53	.1	3.3	1.7	.3	.3		.2											56	56	66	64
52/ 51	.2	1.9	2.2	1.5	.4	.2												60	60	47	40
50/ 49	.1	4.0	1.4	1.3	.6													69	69	56	38
48/ 47	.1	2.2	1.3	.6	.2													41	41	61	55
46/ 45		1.8	1.7	.9	.1													42	42	52	53
44/ 43		1.4	1.5	.5														32	32	47	31
42/ 41		1.3	.9	.4	.2													26	26	48	46
40/ 39		.2	.6	.5														13	13	24	39
38/ 37	.2	1.0	.5	.4														20	20	16	39
36/ 35		.2																2	2	20	25
34/ 33		.3	.4															7	7	15	23
32/ 31		.2																2	2	3	17
30/ 29			.3															3	3	6	14
28/ 27																					9
26/ 25																				3	7
24/ 23																					6
22/ 21																					2
20/ 19																					1
18/ 15																					1
14/ 13																					2
TOTAL	5.6	55.8	23.8	9.1	4.0	.9	.3	.4	.1									930	930	930	930

Element (X)	Σ_E'	Σ_E	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6670088	77858	83.7	12.789	930							
Dry Bulb	3075847	52749	56.7	9.507	930		.5	16.5	1.3			93
Wet Bulb	2817272	50316	54.1	10.102	930		1.2	11.2	.4			93
Dew Point	2612296	48096	51.7	11.835	930		5.9	9.5				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
74/ 73		.9	.6															14	14	2	1
72/ 71	.1	3.1	1.6															45	45	13	7
70/ 69	.2	3.5	1.8															52	52	52	34
68/ 67	.8	3.2	1.6	.1				.2	.2									57	57	55	55
66/ 65	.4	5.8	1.3	.1														71	71	49	49
64/ 63	1.3	5.3	.4	.1		.1	.1											68	68	82	75
62/ 61	1.1	4.1	.6	.5	.4	.1												64	64	62	63
60/ 59	.5	3.5	1.1	.5	.1													54	54	50	57
58/ 57	.4	4.2	1.5	.6	.9	.3	.1											75	75	45	43
56/ 55	.3	4.4	1.1	1.0	.5	.1												69	69	59	48
54/ 53	.1	2.7	1.4	.8	.5	.2												53	53	62	42
52/ 51	.5	1.8	2.9	1.1	.2	.2												63	63	53	56
50/ 49	.1	3.1	1.5	1.5	.2	.2												62	62	52	32
48/ 47		1.8	2.0	.8	.3													46	46	74	41
46/ 45	.1	2.3	1.3	.4														35	35	50	61
44/ 43		1.3	1.6	.4														31	31	48	43
42/ 41	.2	.9	.9	.4														22	22	38	37
40/ 39	.1	.1	.8	.2														11	11	26	50
38/ 37		1.0	.5	.3														17	17	11	4
36/ 35		.3	.6															9	9	21	28
34/ 33		.2	.2															4	4	8	17
32/ 31		.2	.3															5	5	10	21
30/ 29			.2															2	2	2	15
28/ 27			.1															1	1	3	8
26/ 25																				2	1
24/ 23																				1	6
22/ 21																					2
20/ 19																					3
14/ 13																					2
TOTAL	6.3	53.8	25.8	8.9	3.2	1.3	.2	.2	.2										930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6697990	78046	83.9	12.636	930							
Dry Bulb	3093979	52899	56.9	9.568	930		.8	16.8	1.4			93
Wet Bulb	2838585	50505	54.3	10.157	930		1.8	12.2	.2			93
Dew Point	2634929	48259	51.9	11.861	930		5.9	9.7	.1			93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81					.1	.2	.1					.1						5	5		
80/ 79				.1	.4	.2	.1				.1							9	9		
78/ 77			.3	.9	.9	.1		.1										21	21		
76/ 75		.3	.8	1.5	.3	.4	.1	.1	.1									34	34		
74/ 73		1.0	2.4	1.5	1.1	.3	.2	.3	.1		.1							65	65	16	1
72/ 71	.3	2.3	2.2	1.3	1.1	.4	.2	.3	.3	.1								79	79	48	24
70/ 69		1.8	3.0	1.7	1.0	.4	.2	.4		.1								81	81	62	45
68/ 67	.1	2.5	2.9	1.1	1.2	.9	.3	.4	.2	.1								90	90	56	55
66/ 65	.5	2.7	1.2	1.7	.4	.2	.5	.2	.8									77	77	85	62
64/ 63	.4	2.3	1.7	1.1	1.3	.4	1.4	.2	.5									87	87	82	71
62/ 61	.6	2.2	1.4	1.0	.8	.6	.5	.4										70	70	69	74
60/ 59	.1	1.2	.6	.6	.6	1.0	1.0	.3	.1									52	52	71	51
58/ 57		1.6	1.6	.9	1.5	.6	.9	.2										68	68	55	59
56/ 55		.1	1.2	1.1	1.1	.4	.5											40	40	45	45
54/ 53		.1	1.2	.6	.4		.3	.1										26	26	51	39
52/ 51		1.3	.8	.6	1.3	.3												40	40	58	38
50/ 49		.5		.4	.3	.2												14	14	65	40
48/ 47		.6	.4	.5	.3													18	18	43	32
46/ 45		.4	1.2	.2	.2													19	19	31	36
44/ 43		.9	.2	.4	.1	.1												16	16	31	35
42/ 41		.2	.3	.3	.1													9	9	28	38
40/ 39			.1	.2	.1													4	4	9	43
38/ 37				.1	.1													2	2	14	29
36/ 35				.2														2	2	2	34
34/ 33				.1														1	1	2	22
32/ 31				.1														1	1	3	16
30/ 29																				2	15
28/ 27																				1	5
26/ 25																				1	5
24/ 23																					6
22/ 21																					6
20/ 19																					1
18/ 17																					1
16/ 15																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.2	21.9	23.4	18.4	14.6	7.0	6.5	3.2	2.2	.3	.2	.1						930	930	930	93?

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4994372	66058	71.0	18.038	930							
Dry Bulb	3802945	58883	63.3	8.971	930		.1	38.4	13.4	.9		93
Wet Bulb	3188048	53738	57.8	9.447	930		.7	18.2	1.6			9?
Dew Point	2748207	49221	52.9	12.413	930		5.7	12.5	.1			9?

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 87											.1							1	1		
86/ 85							.2		.1	.2		.1						6	6		
84/ 83						.3	.2	.3			.1							9	9		
82/ 81					.2	1.6	.4	.4	.1	.1	.1	.1						29	29		
80/ 79				.4	1.0	.9	.3	.2		.1	.4	.2	.1					34	34		
78/ 77			.8	1.1	1.4	1.0	.9	.3	.1	.1	.3	.1						56	56		
76/ 75		.4	1.3	1.2	1.3	1.0	.5	.4	.6	.4		.1						68	68	2	
74/ 73		.9	1.5	2.4	.6	1.8	1.2	.8	1.0	.3	.5							102	102	33	5
72/ 71		.9	.9	3.0	1.1	1.3	1.2	.6	.4	.4	.4							95	95	64	19
70/ 69		1.3	1.8	1.7	.8	.4	.5	.3	1.5	.5	.2							85	85	60	48
68/ 67	.2	1.0	1.0	1.2	1.3	.3	.9	.5	.4	.4								67	67	67	53
66/ 65	.2	1.8	.5	1.2	.5	.9	1.1	1.3	1.0	.2								81	81	90	59
64/ 63	.3	1.7	1.1	.8	1.6	.8	1.1	.5	.4									77	77	79	78
62/ 61		.6	.4	.9	.6	.6	.6	1.1	.2	.2								50	50	69	70
60/ 59	.1	.4	.2	.6	.6	.3	.4	.3	.2									31	31	76	43
58/ 57		.4	.4	.3	.4		.5	.1										21	21	49	54
56/ 55		.1		.3	.4	.6	.3											17	17	58	45
54/ 53		1.3	.2	.9	.3	.8	.2											34	34	61	32
52/ 51		.1	.4	.2	.2	.1	.1											11	11	59	44
50/ 49		.5	.4	.4		.1	.1											15	15	35	40
48/ 47		.3	.3	.8	.1	.2												16	16	46	36
46/ 45		.8	.4	.3	.1													15	15	25	36
44/ 43			.1	.2	.1													4	4	30	41
42/ 41						.1												1	1	8	39
40/ 39			.3		.2													5	5	7	34
38/ 37																				7	33
36/ 35																				2	18
34/ 33																				1	31
32/ 31																				2	28
30/ 29																					16
28/ 27																					7
26/ 25																					3
24/ 23																					3
22/ 21																					3

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
23/ 19																					4
16/ 15																					3
TOTAL	.9	12.6	12.2	17.8	13.0	13.1	10.9	7.3	6.1	3.1	2.3	.6	.1					930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3946055	57655	62.0	20.004	930							
Dry Bulb	4320730	62836	67.6	8.996	930			55.2	30.5	5.8		9?
Wet Bulb	3356849	55263	59.4	8.863	930		.2	22.6	3.5			9?
Dew Point	2723803	48957	52.6	12.563	930		6.7	12.5	.5			?3

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
92/ 89											.1		.1					2	2		
88/ 87									.2			.1						3	3		
86/ 85						.1			.2				.2					5	5		
84/ 83							.4		.4	.2			.1					11	11		
82/ 81					.3	.4	.3	.3	.1	.2		.1		.2				19	19		
80/ 79			.3	.2	.6	.4	.8	.3		.4	.3	.2	.2	.1				37	37		
78/ 77			.5	1.1	1.6	.3	.5	.5	.9	.2	.2		.2					57	57		
76/ 75			1.3	1.4	1.4	.3	.2	.5	.5	.6	.4	.2						65	65	4	
74/ 73		1.1	1.8	1.8	.8	.5	1.2	1.2	.6	.1	.5	.1						91	91	24	3
72/ 71	.2	1.2	2.0	1.6	2.4	.6	.8	1.1	.4	.8	.5							108	108	63	21
70/ 69		.4	3.0	1.1	1.5	.5	.5	1.3	.6	.9	.2							94	94	58	49
68/ 67		.8	2.0	.8	1.3	.9	1.2	1.1	.8	.2								83	83	70	47
66/ 65	.2	1.8	1.2	1.2	.4	.6	.9	1.1	1.0	.3	.1							82	82	72	60
64/ 63	.4	1.0	.8	.1	.8	.3	1.2	.5	.5	.2								54	54	89	75
62/ 61	.4	.9	.9	1.0	.3	1.0	.5	.5	.5	.1								57	57	78	50
60/ 59	.3	.3	.4	.9	.8	.2	.3	.5										35	35	79	59
58/ 57		.4	.1	.4	.6	.2	.4	.4										25	25	58	55
56/ 55		.6	.1	.5		.3	.1											16	16	57	40
54/ 53		1.2	.3	.6	.3	.2	.2	.3										30	30	82	37
52/ 51		.1	.2	.3		.1												7	7	48	43
50/ 49		.3	.2	.3		.2												10	10	43	46
48/ 47		1.0	.1	.3		.2												15	15	35	39
46/ 45		.3	.6	.3		.3												15	15	26	32
44/ 43		.3																3	3	16	42
42/ 41			.3															3	3	10	52
40/ 39			.1	.2														3	3	8	29
38/ 37																				4	26
36/ 35																				5	33
34/ 33																				1	24
32/ 31																					16
30/ 29																					22
28/ 27																					11
26/ 25																					3
24/ 23																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (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
22/ 21																					1
20/ 19																					5
18/ 17																					1
16/ 15																					
TOTAL	1.6	11.7	16.5	14.2	13.1	8.0	9.6	9.8	6.9	4.3	2.5	.8	.9	.3				930	930	930	93

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3937307	57173	61.5	21.326	930							
Dry Bulb	4354872	63116	67.9	8.767	930			57.5	29.0	5.5		9
Wet Bulb	3354106	55290	59.5	8.494	930			21.9	2.8			9
Dew Point	2696861	48721	52.4	12.470	930		6.6	12.0	.3			9

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

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83											.1							1	1		
82/ 81												.2						2	2		
80/ 79					.1		.1		.1									3	3		
78/ 77			.2	.2					.1	.1		.1						7	7		
76/ 75		.1	.8	.6	.3		.1	.1		.1	.1	.1						22	22		
74/ 73		.9	2.4	.8	.2	.2	.2	.4	.2	.1		.1						51	51	3	1
72/ 71	.6	2.5	4.2	.6	.3	.1	.4	.2		.1	.1							86	86	33	15
70/ 69		1.2	3.7	.9	.1	.9	.5	.3	.4	.2	.1							77	77	57	37
68/ 67		1.8	3.4	1.4	.6	.5	.6	.5	.2	.2								88	88	61	51
66/ 65		2.4	2.5	1.5	1.1	1.1	.2	.5	.3									89	89	65	53
64/ 63	.4	2.9	1.9	1.3	.6	.5	.8	.5	.2									86	86	69	68
62/ 61	.4	3.8	.8	1.4	.8	1.3	1.3	.1	.3									91	91	81	57
60/ 59	.4	1.4	1.7	1.9	1.3	1.2	.6	.1	.1									79	79	91	72
58/ 57		1.5	1.5	1.1	1.4	.9	.5	.2										66	66	56	58
56/ 55		.8	1.5	1.6	.8	.9	.1											52	52	69	33
54/ 53	.1	.4	.5	.9	.5	.3	.1	.1										28	28	65	56
52/ 51		.8	1.1	.4	.8	.3												31	31	70	42
50/ 49		.4	.3	.1	.5	.4												17	17	64	51
48/ 47		.8	.2	.6	.1													16	16	46	41
46/ 45		.2	.5		.2													9	9	27	43
44/ 43		.4	.6	.3		.1												14	14	24	47
42/ 41		.3	.1	.1														5	5	24	33
40/ 39			.2	.3	.2													7	7	10	43
38/ 37			.1	.2														3	3	3	31
36/ 35																				5	30
34/ 33																				6	16
32/ 31																				1	22
30/ 29																					7
28/ 27																					8
26/ 25																					5
24/ 23																					4
22/ 21																					2
20/ 19																					3
18/ 15																					1

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

USAFETAC FORM 0-26-5 (OL A) 80 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | MAR MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.0	22.5	28.3	16.3	9.7	8.7	5.4	3.2	2.0	.9	.4	.5						930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5065091	66399	71.4	18.687	930							
Dry Bulb	3731977	58441	62.8	8.0.7	930			33.7	8.6	.4		93
Wet Bulb	3128689	53350	57.4	8.570	930		.1	15.4	.3			93
Dew Point	2690313	48823	52.5	11.702	930		5.2	10.9	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

 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
76/ 75		.1																1	1		
74/ 73		1.4	.8															20	20	2	
72/ 71	.3	3.7	2.4	.2	.1		.1	.1	.1									65	65	24	12
70/ 69	.2	3.4	3.3			.1												66	66	64	36
68/ 67		2.0	2.6	.5		.2		.1	.1									52	52	35	6
66/ 65	.2	4.9	1.3	.5	.2	.1	.3		.3									74	74	64	42
64/ 63	.5	4.1	1.7	1.2	.6	.1	.3	.2										82	82	64	69
62/ 61	.4	4.9	1.8	.9	.4	.5	.4											88	88	72	6
60/ 59	.6	3.5	3.2	1.3	.9	.5	.6		.2									99	99	75	65
58/ 57	.2	2.3	1.4	1.7	.9	.9	.1											69	69	64	56
56/ 55	.2	1.8	2.4	1.8	1.1	.4												72	72	62	46
54/ 53	.5	1.5	2.4	1.4	1.3		.1											67	67	64	55
52/ 51	.2	1.2	1.5	1.2	.3	.3												44	44	65	44
50/ 49		1.4	1.5	.6	1.2	.2												46	46	73	62
48/ 47		1.5	.6	.5	.4													29	29	59	33
46/ 45		.5	.3	.8	.1													16	16	53	54
44/ 43		.3	.6	.2														11	11	18	48
42/ 41		.4	.4	.4														12	12	29	28
40/ 39		.2	.3	.2	.1													8	8	16	35
38/ 37			.2															2	2	12	32
36/ 35			.2	.3														5	5	3	25
34/ 33				.2														2	2	6	27
32/ 31																				2	11
30/ 29																				3	4
28/ 27																				1	13
26/ 25																					4
24/ 21																					2
20/ 19																					3
18/ 17																					2
TOTAL	3.5	39.4	29.0	13.8	7.6	3.4	2.0	.4	.8										930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	6014293	73441	79.0	15.204	930							
Dry Bulb	3368069	55455	59.6	8.126	930			20.4	2.1			9
Wet Bulb	2994317	52099	56.0	9.027	930		.6	12.5	.2			9
Dew Point	2701491	48993	52.7	11.389	930		3.9	10.8				9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90/ 89											.0		.0					2	2		
88/ 87									.0		.0	.0						4	4		
86/ 85						.0	.0		.0	.0		.0	.0					11	11		
84/ 83						.0	.1	.0	.1	.0	.0		.0					21	21		
82/ 81					.1	.3	.1	.1	.0	.0	.0	.1		.0				55	55		
80/ 79			.0	.1	.3	.2	.2	.1	.0	.1	.1	.1	.0	.0				83	83		
78/ 77			.2	.4	.5	.2	.2	.1	.1	.1	.1	.0	.0					141	141		
76/ 75		.1	.5	.6	.4	.2	.1	.1	.2	.1	.1	.1						190	190	6	
74/ 73		1.0	1.3	.8	.3	.4	.3	.3	.2	.1	.1	.0						372	372	87	11
72/ 71	.2	2.5	2.2	.8	.6	.3	.3	.3	.2	.2	.1							584	584	267	116
70/ 69	.1	2.3	2.5	.7	.4	.3	.2	.3	.3	.2	.1							552	552	452	311
68/ 67	.2	2.3	2.1	.7	.6	.4	.4	.4	.2	.1								543	543	443	438
66/ 65	.3	3.6	1.3	.9	.3	.4	.4	.4	.5	.1	.0							608	608	542	426
64/ 63	.6	3.1	1.2	.6	.7	.3	.6	.3	.2	.0								575	575	585	552
62/ 61	.7	3.3	.9	.8	.5	.5	.4	.3	.1	.0								564	564	563	488
60/ 59	.4	2.4	1.3	.8	.6	.5	.4	.2	.1									497	497	564	466
58/ 57	.2	2.3	1.1	.9	.8	.4	.3	.1	.0									467	467	445	434
56/ 55	.2	2.0	1.1	1.0	.5	.4	.1	.0										399	399	477	371
54/ 53	.2	1.7	1.3	.8	.6	.2	.1	.1										371	371	512	378
52/ 51	.1	1.2	1.2	.9	.4	.2	.0											306	306	466	344
50/ 49	.0	1.7	.9	.8	.4	.2	.0											298	298	442	364
48/ 47	.0	1.1	.8	.6	.2	.1												210	210	424	324
46/ 45	.0	1.0	.9	.5	.2	.0												190	190	313	362
44/ 43		.7	.7	.3	.1	.0												132	132	259	313
42/ 41	.0	.4	.5	.3	.0	.0												94	94	219	315
40/ 39	.0	.1	.4	.2	.1													62	62	118	323
38/ 37	.0	.3	.2	.2	.0													52	52	88	269
36/ 35		.1	.1	.1														21	21	67	200
34/ 33		.1	.1	.1														19	19	45	183
32/ 31		.1	.0	.0														10	10	25	152
30/ 29			.1															6	6	16	131
28/ 27			.0															1	1	6	67
26/ 25																				8	35
24/ 23																				1	36

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																				19
20/ 19																				21
18/ 17																				4
16/ 15																				12
14/ 13																				5
TOTAL	3.4	33.3	23.2	13.8	8.8	5.5	4.4	3.1	2.3	1.1	.7	.3	.1	.0				7440		7440
																		7440	7440	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	43749645	552891	74.3	18.918	7440							
Dry Bulb	28941907	458253	61.6	9.815	7440		1.7	255.8	87.9	12.6		744
Wet Bulb	24573201	421687	56.7	9.509	7440		5.6	125.5	9.3			744
Dew Point	21467548	389582	52.4	11.981	7440		45.2	87.6	1.1			744

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.3															3	3		
76/ 75		2.2	2.0	.3														41	41	3	
74/ 73	.1	4.1	4.0	.7														80	80	30	16
72/ 71	.1	5.2	2.8	.6														78	78	75	47
70/ 69	.4	3.0	4.7	.7	.2			.1										82	82	83	88
68/ 67		4.3	4.2	.2	.7													85	85	60	51
66/ 65	.1	7.0	2.1	.8	.6													95	95	87	64
64/ 63	.8	4.4	2.8	.3	1.0	.2												86	86	101	116
62/ 61	.1	3.2	3.4	1.9	.2	.1												81	81	70	69
60/ 59	.2	3.0	3.0	2.2	.1	.1												78	78	77	64
58/ 57	.1	2.3	1.8	1.0	.4	.1												52	52	73	64
56/ 55	.2	1.6	1.8	1.2	.2													45	45	60	52
54/ 53	.1	2.0	1.2	1.0		.1												40	40	46	56
52/ 51		.7	.7	.6														17	17	54	48
50/ 49		.3	.3	.8	.1													14	14	27	54
48/ 47		.2	.8	.1	.1													11	11	14	30
46/ 45		.2	.3		.2													7	7	14	18
44/ 43			.6															5	5	15	7
42/ 41																				3	20
40/ 39																				6	16
38/ 37																				2	9
36/ 35																					5
34/ 33																					3
28/ 27																					1
26/ 25																					2
TOTAL	2.3	43.9	36.8	12.3	3.9	.7		.1										900	900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6363683	75137	83.5	10.052	900							
Dry Bulb	3756891	57789	64.2	7.173	900			36.9	12.4			90
Wet Bulb	3430210	55124	61.2	7.745	900			25.1	3.3			90
Dew Point	3209465	53133	59.0	8.991	900		.3	20.2	1.6			90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.6	.1														6	6		
76/ 75		1.1	1.7															25	25		
74/ 73	.3	3.3	3.6	.6														70	70	25	9
72/ 71	.3	5.4	4.2	.4														94	94	68	46
70/ 69	.3	3.7	4.2	.3	.2													79	79	88	87
68/ 67	.1	4.6	3.0	.3	.1		.1											74	74	72	62
66/ 65	.3	6.1	1.2	1.1	.1		.2											82	82	82	76
64/ 63	.3	4.2	2.4	.8	.1		.1											72	72	85	91
62/ 61	.2	4.2	2.6	.7	.3	.3	.1											76	76	60	58
60/ 59	.3	3.8	2.6	1.2	.1													72	72	75	67
58/ 57		3.4	3.1	.6	.2													66	66	59	53
56/ 55	.2	2.4	1.7	.8	.1	.1												48	48	62	68
54/ 53		2.6	.9	.4	.1	.1												37	37	61	49
52/ 51	.1	1.4	1.3	.6														28	28	49	57
50/ 49	.1	1.3	1.1	.3														26	26	30	37
48/ 47		.8	.9	.6														20	20	26	44
46/ 45		.1	.6															6	6	19	20
44/ 43	.1	.3	.1	.3	.1													9	9	15	14
42/ 41		.3	.2	.1														6	6	10	20
40/ 39				.1														1	1	7	17
38/ 37		.3																3	3	1	6
36/ 35																				5	7
34/ 33																				1	1
32/ 31																					7
30/ 29																					1
24/ 23																					3
TOTAL	2.9	49.6	35.6	9.3	1.6	.6	.6											900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6585295	76499	85.0	9.607	900							
Dry Bulb	3642281	56801	63.1	7.994	900			34.8	10.1			90
Wet Bulb	3351581	54407	60.5	8.342	900			25.3	2.5			9
Dew Point	3157960	52634	58.5	9.422	900		1.1	20.4	.9			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12976 (STATION) | ELLINGTON AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.1														1	1		
78/ 77		.1	.6	.4														10	10		
76/ 75	.1	1.0	2.8	.2	.1		.1											39	39	3	1
74/ 73		2.7	3.9	1.2	.1	.1												72	72	25	8
72/ 71	.4	3.9	6.2	1.1	.2	.3												110	110	71	45
70/ 69	1.0	4.0	5.3	.9	.1													102	102	87	90
68/ 67	.3	4.4	2.9	.9	.7													83	83	107	73
66/ 65	.6	5.4	2.1	1.6	.6	.3	.1											96	96	93	102
64/ 63	.3	3.4	1.9	.7	.7	.1												64	64	78	83
62/ 61	.6	3.8	2.2	1.1	.6	.2												76	76	72	66
60/ 59	.1	2.8	2.4	.6	.4	.4	.1											62	62	71	60
58/ 57	.2	2.0	1.8	.8	.2													45	45	60	78
56/ 55		2.0	2.2	.3	.1		.1											43	43	58	43
54/ 53	.1	1.0	1.1	.4	.3	.1												28	28	47	49
52/ 51	.1	1.1	.7	.2	.1	.1												21	21	40	45
50/ 49		.8	.2	.3	.1													13	13	28	38
48/ 47		.4	.1	.3	.3													11	11	14	31
46/ 45		.7	.1															7	7	13	20
44/ 43		.6	.1	.3	.1													10	10	12	15
42/ 41		.2	.1															3	3	7	12
40/ 39				.2														2	2	6	12
38/ 37		.1																1	1	4	8
36/ 35		.1																1	1	2	5
34/ 33																				2	1
32/ 31																					8
30/ 29																					1
28/ 27																					2
26/ 25																					2
24/ 23																					1
TOTAL	3.9	40.6	36.8	11.8	4.8	1.8	.4												900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6346728	74948	83.3	10.827	900							
Dry Bulb	3805431	58111	64.6	7.702	900			41.7	12.2			9
Wet Bulb	3461161	55343	61.5	8.032	900			29.3	2.8			9
Dew Point	3239115	53341	59.3	9.297	900		1.4	21.7	.9			9

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
94/ 83				.1	.1	.1			.1										4	4		
82/ 81			.2	.4	1.6	.8	.3												30	30		
80/ 79			.6	2.0	3.3	1.0	.3	.8	.1	.1	.2								76	76		
76/ 77		.1	1.8	3.1	2.6	1.9	1.6	1.2	.2	.1									113	113	4	
76/ 75		.1	3.1	4.0	2.4	1.9	.9	.4	.1	.1									118	118	16	6
74/ 73		.6	3.1	4.6	3.0	1.0	1.0	.8	.3	.1	.1								131	131	73	13
72/ 71		1.9	1.9	1.8	1.7	1.0	1.7	.9	.1	.3									101	101	102	50
70/ 69	.2	1.8	2.8	1.4	.7	1.2	1.1	.9											91	91	109	112
68/ 67		1.9	1.7	1.7	1.1	.3	1.0	.3	.2										74	74	128	83
66/ 65		1.1	1.2	.6	.9	.9	.7	.7											54	54	106	93
64/ 63		.7	.6	.7	.4	.4	.2	.2											29	29	79	94
62/ 61		.4	.7	.3	.1	.3	.3	.1	.1										22	22	62	70
60/ 59		.4	.1	.4	.1	.1			.1										12	12	59	67
58/ 57		.1	.4	.4	.3	.3	.3	.1											19	19	50	54
56/ 55			.2	.1	.1	.1	.2												7	7	28	37
54/ 53		.2		.1	.1	.2	.1												7	7	31	31
52/ 51				.1			.1												2	2	15	35
50/ 49		.1	.2		.3	.2													8	8	7	37
48/ 47																					12	22
46/ 45					.1														1	1	6	23
44/ 43																					4	20
42/ 41																					5	6
40/ 39																					2	11
38/ 37																					1	9
36/ 35																						7
34/ 33																						2
32/ 31																						7
30/ 29																						1
28/ 27																						2
26/ 25																						6
24/ 23																						1
TOTAL	.2	9.5	18.6	21.9	19.0	11.9	9.9	6.5	1.4	.8	.3									899		899
																			899		899	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4392710	61238	68.1	15.698	899							
Dry Bulb	4661761	64479	71.7	6.430	899			73.9	47.3	6.8		90
Wet Bulb	3816309	58235	64.8	6.999	899			43.2	9.3			90
Dew Point	3320742	53928	60.0	9.774	899		1.7	26.4	1.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.1			.1	.1	.1								4	4		
86/ 85			.1		.1	.4	.1	.2	.1	.2	.2	.1						15	15		
84/ 83				.2	.3	1.3	1.0	.4	.2	.6		.1						38	38		
82/ 81			.2	1.4	2.8	2.6	1.8	.8	.4	.7	.1	.3						100	100	1	
80/ 79			.6	1.7	3.3	3.2	2.0	2.2	2.0	.3	.3							141	141	1	1
78/ 77		.1	.7	2.6	4.0	1.9	2.0	1.2	1.6	.7	.1	.3						136	136	6	1
76/ 75		.2	1.9	2.0	1.3	2.1	1.0	2.6	.9	.6	.6	.1						119	119	27	5
74/ 73		.3	.9	2.8	1.8	1.3	1.0	.9	1.0	.6	.1							96	96	94	19
72/ 71		.7	1.4	1.4	.4	.6	.8	.4	.6	.1								58	58	102	49
70/ 69		1.1	1.4	1.4	.1	1.1	.9	.4	.4	.1	.1							65	65	115	89
68/ 67		.7	.8	.6	.3	.4	.7	.3	.1	.2								37	37	119	89
66/ 65		1.0	.8	.6	.1	.1	.8	.1	.4									35	35	104	81
64/ 63		.4	.2	.1	.1		.1	.1	.1									11	11	81	91
62/ 61		.3			.2	.3	.2	.2	.1									13	13	78	76
60/ 59		.3	.3		.4	.1		.3										14	14	54	62
58/ 57		.1	.3				.3	.1										8	8	29	51
56/ 55		.3	.2				.1											6	6	35	34
54/ 53						.1												1	1	17	44
52/ 51			.3															3	3	13	59
50/ 49																				9	27
48/ 47																				6	24
46/ 45																				6	25
44/ 43																				3	22
42/ 41																					11
40/ 39																					4
38/ 37																					11
36/ 35																					7
34/ 33																					3
32/ 31																					11
30/ 29																					4
28/ 27																					3
26/ 25																					1
TOTAL		5.7	10.2	14.8	15.6	15.7	12.8	10.6	8.1	4.1	1.6	1.0						900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3599125	54787	60.9	17.136	900							
Dry Bulb	5102965	67537	75.0	6.232	900			80.9	64.9	23.0		9
Wet Bulb	3931054	59192	65.8	6.507	900			46.5	12.9	.2		9
Dew Point	3282511	53627	59.6	9.844	900		1.9	25.3	2.6			9

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | 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
90/ 89											.1		.1		.1			3	3		
88/ 87						.1		.1			.1							3	3		
86/ 85					.1	.2		.2	.1	.2	.1	.2						11	11		
84/ 83				.2	.3	.8	.3	.4	.3	.2	.2		.2					28	28		
82/ 81		.1	.2	.8	2.1	1.8	1.2	.9	.8	.6	.1	.4						81	81		
80/ 79		.1	.3	1.7	3.9	1.7	1.3	.9	1.0	.6	.2	.1						106	106	3	
78/ 77		.1	1.7	3.3	3.7	2.3	1.4	1.1	2.3	1.6	.3	.3	.2					166	166	6	3
76/ 75		.2	2.3	3.7	2.6	3.9	1.3	1.8	1.4	.7	.3							164	164	22	5
74/ 73			1.0	2.2	1.4	1.2	.6	1.1	.7	.2								76	76	88	20
72/ 71		1.4	1.2	2.0	1.0	.8	.8	1.0	.7		.2							82	82	100	51
70/ 69		.8	.9	1.8	.3		.3	.6	.2	.1	.4							49	49	120	98
68/ 67		.9	1.9	.3	.2	.6	.7	.2	.1	.4								48	48	111	66
66/ 65		.7	.3	.6	.1	.1	.6	.3		.1								25	25	112	92
64/ 63		.4	.1	.2	.1	.6	.2	.2	.3									20	20	88	81
62/ 61		.7	.1	.3	.3	.1	.1	.1	.2									18	18	64	88
60/ 59		.2	.1	.1	.2			.3										9	9	63	63
58/ 57		.1	.3															4	4	40	42
56/ 55		.3	.1															4	4	27	37
54/ 53																				21	32
52/ 51																				17	44
50/ 49			.2	.1														3	3	5	31
48/ 47																				6	41
46/ 45																				6	28
44/ 43																				1	22
42/ 41																					10
40/ 39																					8
38/ 37																					1
36/ 35																					4
34/ 33																					4
32/ 31																					7
30/ 29																					9
28/ 27																					3
26/ 25																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		6.1	10.9	17.3	16.4	14.1	8.9	9.3	8.2	4.7	2.2	1.1	.6		.1			900	900	900	900

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	... 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3664392	55096	61.2	18.008	900							
Dry Bulb	5070792	67348	74.8	5.878	900			81.7	53.8	17.5		9
Wet Bulb	3915055	59085	65.7	6.339	900			45.0	11.9			90
Dew Point	3263070	53430	59.4	10.067	900		2.0	24.3	2.8			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 7 6 0 — STATION
ELLINGTON AFB TX — STATION NAME
69-70,73-80 — YEARS
APR — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
86/ 85													.1					1	1		
84/ 83						.1			.1		.1							3	3		
82/ 81	.1		.1	.4	.1	.4	.1	.2										14	14	1	1
80/ 79	.2	.7	1.6	1.1	.7	.7	.4			.1	.2							51	51	2	2
78/ 77		2.0	4.8	2.4	1.2	.7	.7	.3	.7	.1								116	116	7	5
76/ 75		1.6	5.6	3.8	1.3	1.6	.7	.4	.1	.1								136	136	54	11
74/ 73	.1	2.3	3.3	3.7	2.7	.8	.4	.7	.2	.2								118	118	90	57
72/ 71		.9	5.3	3.8	1.8	.9	1.4	.3	.1									131	131	84	84
70/ 69		.9	4.7	2.1	1.1	1.3	.7	.6	.1	.2								105	105	100	66
68/ 67		2.1	1.4	1.6	1.1	.3	.7	.3										68	68	114	80
66/ 65		1.2	.3	1.0	.4	.3	.2	.2	.2									36	36	111	98
64/ 63		.6	.7	1.3	1.3	.6	.4	.1										45	45	80	90
62/ 61		.3	.4	1.1	.4	.1	.4											25	25	60	73
60/ 59	.2	.1	.8	.7	.1	.2	.2	.1										22	22	52	49
58/ 57		.1	.6		.1													10	10	44	42
56/ 55		.3		.4	.4		.1											12	12	39	39
54/ 53				.1	.1													2	2	23	42
52/ 51			.1															1	1	10	31
50/ 49			.2	.2														4	4	17	39
48/ 47																				7	17
46/ 45																				4	17
44/ 43																				1	16
42/ 41																					8
40/ 39																					13
38/ 37																					6
36/ 35																					5
34/ 33																					2
32/ 31																					3
30/ 29																					2
28/ 27																					
TOTAL	.7	13.1	29.9	23.0	12.3	8.2	6.7	3.3	1.6	.8	.3		.1						900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4886622	64810	72.0	15.629	900							
Dry Bulb	4383475	62589	69.5	5.856	900			67.5	32.1	.8		9
Wet Bulb	3693070	57328	63.7	6.786	900			33.8	6.4			9
Dew Point	3267769	53561	59.5	9.447	900		.9	22.6	1.9			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
78/ 77	.1	.3	.3															7	7	1	1
76/ 75		2.6	3.0	.3														53	53	9	3
74/ 73		4.6	4.0	1.1	.3				.1									91	91	38	16
72/ 71		3.7	3.2	1.7	.2	.3												82	82	72	50
70/ 69		2.4	7.2	1.8	.4	.2	.2											111	111	74	82
68/ 67	.3	4.0	5.6	1.4	.2	.4	.1											109	109	74	53
66/ 65	.1	5.7	2.8	1.4	.2	.1	.3											114	114	113	81
64/ 63		3.8	2.4	2.0	1.8	.3	.2											95	95	114	113
62/ 61		1.7	2.6	2.3	.7	.2	.3											70	70	71	101
60/ 59	.1	.8	1.8	2.0	1.3	.3												54	54	60	53
58/ 57	.1	1.0	1.1	.8	.3	.1	.1											32	32	76	37
56/ 55	.2	.6	1.3	.3	.3	.3												28	28	63	57
54/ 53		.4	.7	.8	.3	.1												21	21	37	44
52/ 51		.3	.1	.7	.2	.1												13	13	37	57
50/ 49			.6	.2	.2													9	9	12	50
48/ 47			.1	.2														3	3	18	19
46/ 45		.2	.3															5	5	13	14
44/ 43																				9	16
42/ 41		.1																1	1	7	19
40/ 39																					11
38/ 37																					1
36/ 35																					2
34/ 33																					2
32/ 31																					2
TOTAL	1.0	32.2	37.2	17.1	8.4	2.7	1.3		.1									898	898	898	898

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5899047	72001	80.2	11.855	898							
Dry Bulb	3943328	59230	66.0	6.392	898			45.4	15.1			9
Wet Bulb	3523700	55872	62.2	7.272	898			26.9	4.8			9
Dew Point	3250341	53425	59.5	8.954	898		.2	20.5	2.0			9

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

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90/ 89											.0		.0		.0			3	3		
88/ 87					.0	.0		.0	.0	.0	.0							7	7		
86/ 85			.0		.0	.1	.0	.1	.0	.1	.0	.0	.0					27	27		
84/ 83				.1	.1	.3	.2	.1	.1	.1	.0	.0	.0					70	70		
82/ 81		.0	.1	.3	.8	.7	.4	.2	.2	.2	.0	.1						214	214	1	
80/ 79	.0	.0	.2	.7	1.3	.8	.5	.5	.4	.1	.1	.0						338	338	5	2
78/ 77	.0	.2	.9	1.3	1.4	.8	.7	.4	.5	.3	.1	.1	.0					492	492	19	7
76/ 75	.0	1.2	2.7	1.6	1.0	1.1	.5	.6	.4	.2	.1	.0						675	675	87	25
74/ 73	.1	2.1	3.3	2.1	1.0	.7	.4	.4	.3	.1	.0							752	752	427	112
72/ 71	.1	3.1	3.0	1.5	.7	.5	.5	.4	.2	.1	.0							723	723	680	399
70/ 69	.3	2.2	4.0	1.5	.5	.4	.5	.3	.1	.0	.1							710	710	760	730
68/ 67	.1	2.7	3.1	.9	.6	.4	.4	.2	.1	.1								615	615	771	543
66/ 65	.1	3.6	1.5	1.0	.7	.2	.4	.2	.1	.0								569	569	811	670
64/ 63	.2	2.3	1.3	.7	.6	.3	.1	.1	.1									413	413	737	767
62/ 61	.1	1.9	1.5	1.0	.5	.3	.2	.1	.1									401	401	557	618
60/ 59	.1	1.5	1.3	.9	.4	.2	.1	.1	.0									326	326	519	509
58/ 57	.1	1.2	1.2	.5	.2	.1	.1	.0										248	248	439	428
56/ 55	.1	.9	1.0	.3	.1	.1	.1											191	191	377	370
54/ 53	.0	.8	.5	.4	.2	.1	.0											146	146	299	344
52/ 51	.0	.4	.3	.3	.1	.0	.0											86	86	248	387
50/ 49	.0	.3	.3	.2	.1	.0												74	74	128	301
48/ 47		.2	.3	.2	.1													49	49	113	249
46/ 45		.2	.2		.0													26	26	84	165
44/ 43	.0	.1	.1	.1	.0													24	24	63	133
42/ 41		.1	.0	.0														10	10	33	114
40/ 39				.0														3	3	21	87
38/ 37		.1																4	4	8	76
36/ 35		.0																1	1	7	49
34/ 33																				3	21
32/ 31																					47
30/ 29																					18
28/ 27																					13
26/ 25																					12
24/ 23																					5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.4	25.1	27.0	16.0	10.2	6.9	5.1	3.7	2.4	1.3	.6	.3	.1		.0			7197	7197	7197	7197

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	41737602	534516	74.3	16.835	7197							
Dry Bulb	34366924	493884	68.6	8.123	7197			462.8	257.9	48.1		720
Wet Bulb	29122140	454586	63.2	7.539	7197			275.1	53.9	.2		720
Dew Point	25990973	427079	59.3	9.486	7197		9.5	181.5	14.6			720

FORM AWS 86 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 — STATION
ELLINGTON AFB TX — STATION NAME
69-70,73-80 — YEARS
MAY — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79		.6	.8	.8														20	20	1	1
78/ 77		2.8	3.0	1.0	.2													65	65	9	3
76/ 75	.1	4.6	4.8	1.4	.1													103	103	43	33
74/ 73	.8	4.3	7.6	1.9	.1													137	137	104	60
72/ 71	.8	7.3	7.3	.8		.1												151	151	129	108
70/ 69	1.0	6.6	7.6	.6	.2													149	149	138	141
68/ 67	.5	4.6	5.3	.8	.3													107	107	164	143
66/ 65	.8	3.5	2.0	1.0	.1	.2	.1											72	72	111	130
64/ 63		1.7	1.1	1.5	.1	.1												42	42	72	85
62/ 61	.1	.9	1.7	.6	.2													33	33	42	69
60/ 59	.1	.3	2.0	.4														27	27	35	32
58/ 57		.1	1.2	.2														14	14	36	23
56/ 55			.3	.1														4	4	25	3
54/ 53		.1	.4															5	5	12	33
52/ 51			.1															1	1	4	15
50/ 49																				5	10
48/ 47																					9
46/ 45																					5
TOTAL	4.1	37.5	45.4	11.1	1.4	.4	.1											930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6891106	79726	85.7	7.795	930							
Dry Bulb	4600237	65237	70.1	5.087	930			73.2	32.5	.6		93
Wet Bulb	4245555	62631	67.3	5.457	930			58.8	15.7			93
Dew Point	4048934	61090	65.7	6.229	930			48.9	9.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
80/ 79		.1	.5	.5															11	11		
78/ 77		2.9	1.8	.3															47	47	4	3
76/ 75	.5	3.3	4.9	.5	.1														88	88	49	35
74/ 73	1.0	4.4	4.7	.6															100	100	63	42
72/ 71	1.0	6.3	7.2	.3															138	138	113	88
70/ 69	1.6	7.4	6.6	.2															147	147	130	133
68/ 67	1.4	6.7	4.8		.1	.1	.1												123	123	172	133
66/ 65	.6	6.0	1.6	.2	.3														82	82	106	150
64/ 63	.4	3.5	2.0	.5															61	61	92	79
62/ 61	.4	1.5	1.9	.5	.1														42	42	49	82
60/ 59		1.2	2.5	.1															35	35	37	36
58/ 57		1.2	1.6	.3															29	29	46	32
56/ 55		.5	1.2																16	16	30	30
54/ 53		.2	.4																6	6	18	32
52/ 51		.1	.4																5	5	12	26
50/ 49																					6	16
48/ 47																					3	8
46/ 45																						5
TOTAL	7.0	45.5	42.4	4.3	.6	.1	.1												930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7211386	81634	87.8	7.012	930							
Dry Bulb	4424993	63941	68.8	5.569	930			65.4	24.6	.1		93
Wet Bulb	4131661	61751	66.4	5.819	930			53.1	11.6			93
Dew Point	3969901	60469	65.0	6.411	930			43.4	8.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85				.1														1	1		
84/ 83				.2	.3	.1												6	6		
82/ 81		.3	1.2	.4	.6	.1												25	25		
80/ 79		1.2	3.0	3.1	.9	.2												78	78	7	1
78/ 77		3.0	3.9	3.0	1.5					.1								107	107	28	17
76/ 75	.1	4.6	5.8	2.2	.8			.1										126	126	84	38
74/ 73	.9	3.5	5.8	2.0	.3	.3	.1	.1										122	122	128	97
72/ 71	1.2	4.3	6.0	.5	.5	.3												120	120	145	128
70/ 69	.8	4.6	4.7	1.0	.2	.3	.1											109	109	143	142
68/ 67	.5	3.1	3.9	.5	.3	.1	.1											80	80	108	139
66/ 65	.2	2.7	1.6	.6	.4	.1												53	53	79	94
64/ 63		1.3	.8	.3	.2	.1												25	25	69	74
62/ 61		.8	1.8	.2														26	26	32	43
60/ 59		.3	1.6	.3	.1													22	22	26	43
58/ 57		.4	1.1	.3														17	17	26	17
56/ 55		.4	.5															9	9	27	24
54/ 53			.2															2	2	16	22
52/ 51		.1	.1															2	2	7	23
50/ 49																				2	18
48/ 47																				1	8
46/ 45																					2
TOTAL	3.7	30.8	42.0	14.9	6.2	1.7	.3	.2		.1									930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6612058	77926	83.8	9.425	930							
Dry Bulb	4827029	66775	71.8	5.916	930			77.4	46.5	6.5		93
Wet Bulb	4388129	63647	68.4	5.895	930			64.3	24.7	.2		93
Dew Point	4161784	61906	66.6	6.620	930			56.2	15.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89								.1	.1			.1						3	3		
88/ 87					.4	1.3	.9	1.2	.5		.1							41	41		
86/ 85			.3	.9	2.0	3.0	2.0	1.0	.4		.2	.1	.1	.1				95	95		
84/ 83			.6	1.8	3.8	4.0	2.4	1.1	.4				.1					132	134		
82/ 81		.1	.8	3.8	5.7	4.2	1.6	.3	.1		.1	.1						156	156	7	
80/ 79			1.4	4.1	4.4	4.1	1.0	1.2	.4	.2								156	156	20	6
78/ 77	.1	.6	1.3	3.6	3.0	1.3	.8	.6	.4	.2								111	111	69	22
76/ 75	.4	.5	2.0	2.2	1.4	1.0	1.0	.5	.2	.3								89	89	148	48
74/ 73	.1	.5	1.3	1.2	.5	.6	.4	.4	.2									50	50	196	85
72/ 71	.2	.8	1.1	.5	.4	.3	.4	.4	.1									40	40	169	155
70/ 69			.8		.1	.2	.1	.1	.1									13	13	104	138
68/ 67		.2	.5	.1	.1	.1	.1	.1										12	12	55	128
66/ 65		.3	.2	.1	.2	2	.1											11	11	47	101
64/ 63		.2	.4	.4		.2												12	12	36	60
62/ 61			.1	.1	.1													3	3	32	35
60/ 59				.1														1	1	15	27
58/ 57																				18	25
56/ 55		.3																3	3	7	21
54/ 53																				5	26
52/ 51																					12
50/ 49																					11
48/ 47																					12
46/ 45																					2
44/ 43																					8
42/ 41																					4
40/ 39																					2
TOTAL	.9	3.7	10.9	18.9	22.3	20.6	10.8	7.1	3.1	.8	.4	.3	.2	.1				928	930	928	928

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4291198	61868	66.7	13.405	928							
Dry Bulb	5874834	73750	79.3	5.329	930			90.0	83.5	52.5		93
Wet Bulb	4723242	66030	71.2	5.194	928			77.0	44.1	1.3		93
Dew Point	4182068	61942	66.7	7.164	928			58.3	16.1	.2		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95											.1							1	1		
94/ 93										.1	.1			.2				4	4		
92/ 91							.1	.2	.5	.4		.2	.1		.1			16	16		
90/ 89					.4	.6	.5	2.4	1.5	.9	.2	.1		.1	.1			64	64		
88/ 87				.3	1.0	2.6	4.4	2.6	1.8	.4	.3		.2	.1				128	128		
86/ 85				.8	2.2	4.4	2.5	2.7	1.1	.6	.1							133	133		
84/ 83			.1	1.2	3.9	5.9	4.0	1.7	1.5	.3	.2							175	175		
82/ 81		.1	.4	1.5	2.3	3.5	2.4	1.1	.4	.8	.6							122	122	12	
80/ 79			.6	1.5	1.3	1.9	1.4	1.3	.6	.5	.2							88	88	29	7
78/ 77		.9	.9	1.2	1.1	.5	.5	1.0	.8	.5	.1							69	69	98	23
76/ 75	.1	.3	1.0	1.2	.9	.3	.3	.4	.4	.2	.1							49	49	162	39
74/ 73		.1	.6	.5	.1		.2	.3		.1								19	19	178	89
72/ 71	.1	.4	.4	.1			.2	.3	.1									16	16	157	123
70/ 69		.6	.9		.2		.1											17	17	85	138
68/ 67	.1	.3	.3	.3	.1	.1												12	12	75	124
66/ 65		.3	.1	.1	.2	.1												8	8	32	115
64/ 63			.3	.2														5	5	38	61
62/ 61																				28	48
60/ 59			.1															1	1	19	29
58/ 57			.1															1	1	12	22
56/ 55		.2																2	2	2	24
54/ 53																				3	22
52/ 51																					18
50/ 49																					15
48/ 47																					14
46/ 45																					9
44/ 43																					3
42/ 41																					5
40/ 39																					2
TOTAL	.3	3.3	5.9	8.9	13.5	20.1	16.7	14.0	8.8	4.9	2.2	.3	.3	.4	.2				930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3556277	55895	60.1	14.557	930							
Dry Bulb	6312263	76435	82.2	5.703	930			91.3	86.8	68.5	.5	93
Wet Bulb	4813822	66742	71.8	5.087	930			79.6	47.9	2.5		93
Dew Point	4130417	61595	66.2	7.403	930			54.3	15.8	.3		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PAGE 1 1500-17[illegible] (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
96/ 95															.2			2	2		
94/ 93														.2				2	2		
92/ 91						.1		.1	.3	.3	.1		.1					10	10		
90/ 89					.3	.6	.8	.8	1.0	.9		.2		.2	.1			45	45		
88/ 87					.3	2.2	1.8	2.0	1.8	.4				.1				81	81		
86/ 85			.1	.6	1.7	4.7	2.7	2.4	1.1	.8	.1							132	132		
84/ 83			.2	2.4	3.1	4.9	2.9	2.6	1.0	.5	.2	.1						167	167		
82/ 81			1.1	1.9	3.8	3.9	2.5	1.4	.9	.2	.4							149	149	8	
80/ 79			.6	1.9	2.4	2.9	1.6	.9	.8	.6	.4							113	113	22	6
78/ 77		.2	1.2	1.4	1.7	1.1	1.0	.6	1.2	.6	.1							85	85	96	13
76/ 75		.5	.4	1.3	.6	.6	.1	.3	.4	.3								44	44	127	57
74/ 73		.2	1.0	.5	.1	.1	.1	.6	.1									26	26	192	76
72/ 71		1.0	2.0	.3		.2	.2											35	35	144	121
70/ 69	.1	.8	1.0			.1	.1											19	19	126	129
68/ 67		.4	.4															8	8	82	113
66/ 65				.2	.1	.2												5	5	45	126
64/ 63				.3														3	3	26	77
62/ 61				.1														1	1	31	60
60/ 59																				17	29
58/ 57		.1	.1															2	2	10	19
56/ 55		.1																1	1	2	21
54/ 53																				2	23
52/ 51																					20
50/ 49																					19
48/ 47																					17
44/ 43																					9
42/ 41																					2
TOTAL	.1	3.3	8.2	11.1	14.2	21.7	13.8	11.7	8.5	4.7	1.4	.3	.1	.5	.3				930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3693070	56958	61.2	14.843	930							
Dry Bulb	6191884	75716	81.4	5.437	930			91.8	85.6	65.7	.4	93
Wet Bulb	4765947	66421	71.4	4.881	930			79.7	44.5	1.2		93
Dew Point	4104307	61415	66.0	7.233	930			50.8	14.8	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12926 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

 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
92/ 91												.1						1	1		
88/ 87					.1	.1	.1				.1							4	4		
86/ 85				.1	.3	.4	.6	.6	.1	.1			.1					23	23		
84/ 83			.1	1.3	1.2	1.5	.2	.3	.3									46	46		
82/ 81		.1	1.1	2.6	2.0	1.8	.9	.4	.2									85	85		
80/ 79		.5	3.4	4.4	3.3	1.9	1.1	.4	.1	.1	.1							144	144	6	
78/ 77		1.5	5.2	4.4	4.3	.8	.9	.5	.3									166	166	39	12
76/ 75		2.0	4.3	5.2	2.6	1.1	.4	.6	.3	.1								155	155	99	43
74/ 73		1.0	2.9	3.7	1.0	.8	.5	.2										93	93	173	76
72/ 71		1.3	3.0	1.8	1.0	1.1	.9	.1	.1									86	86	140	130
70/ 69	.1	1.8	2.5	.4	.9	.1	.2											56	56	162	144
68/ 67	.1	1.0	1.2	.4	.8	.4	.2											38	38	107	13
66/ 65		.1	.3	.3	.5	.3												15	15	73	121
64/ 63		.1		.4	.2	.1												8	8	36	76
62/ 61			.1	.3														4	4	43	47
60/ 59				.1														1	1	19	30
58/ 57			.4															4	4	20	20
56/ 55																				9	26
54/ 53			.1															1	1	3	29
52/ 51																					17
50/ 49																				1	16
48/ 47																					5
46/ 45																					1
44/ 43																					
42/ 41																					2
TOTAL	.2	9.5	24.6	25.5	18.2	10.4	6.0	3.3	1.5	.3	.2	.1	.1					930	930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5081809	67691	72.8	12.911	930							
Dry Bulb	5398458	70704	76.0	4.990	930			89.7	71.7	23.3		93
Wet Bulb	4551695	64897	69.8	4.983	930			72.6	31.7	.1		93
Dew Point	4126201	61643	66.3	6.589	930			53.5	13.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
84/ 83				.2														2	2		
82/ 81				.3														3	3		
80/ 79		1.2	1.4	1.2	.2													37	37	5	1
78/ 77	.1	3.1	5.4	1.7	.1													97	97	14	12
76/ 75		3.8	9.9	4.7	.6	.1	.1											179	179	61	37
74/ 73	.3	4.3	8.5	3.4	.4													158	158	122	67
72/ 71	.4	3.2	8.4	2.5	1.3	.2	.1		.1									151	151	158	138
70/ 69	.3	4.2	4.6	1.9	.8	.3		.2										115	115	151	126
68/ 67	.2	2.3	3.5	1.0	.5	.1												71	71	148	151
66/ 65	.2	1.3	1.1	1.5	.9	.2												48	48	91	123
64/ 63		.3	1.2	.6	.5	.4												29	29	59	74
62/ 61		.1	1.0	1.0	.2													21	21	31	60
60/ 59	.1		.6	.5	.1													13	13	30	23
58/ 57			.1	.1														2	2	30	29
56/ 55		.1	.1															2	2	18	23
54/ 53			.2															2	2	7	26
52/ 51																				5	18
50/ 49																					7
48/ 47																					10
46/ 45																					4
44/ 43																					1
TOTAL	1.7	23.9	46.0	20.8	5.7	1.4	.2	.2	.1									930			930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6393831	76641	82.4	9.155	930							
Dry Bulb	4840377	66955	72.0	4.637	930			81.3	47.6	2.2		93
Wet Bulb	4375298	63602	68.4	5.250	930			65.9	20.2			93
Dew Point	4125466	61662	66.3	6.317	930			53.2	11.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (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
96/ 95											.0				.0			3	3		
94/ 93										.0	.0			.1				6	6		
92/ 91						.0	.0	.0	.1	.1	.0	.0	.0		.0			27	27		
90/ 89					.1	.2	.2	.4	.3	.2	.0	.1		.0	.0			112	112		
88/ 87				.0	.2	.8	.9	.7	.5	.1	.1		.0	.0				254	254		
86/ 85			.1	.3	.8	1.6	1.0	.8	.3	.2	.1	.0	.0	.0				384	384		
84/ 83			.1	.9	1.5	2.1	1.2	.7	.4	.1	.1	.0	.0					528	530		
82/ 81		.1	.6	1.3	1.8	1.7	.9	.4	.2	.1	.1	.0						540	540	27	
80/ 79		.5	1.5	2.2	1.6	1.4	.6	.5	.2	.2	.1							647	647	90	22
78/ 77	.0	1.9	2.8	2.1	1.5	.5	.4	.3	.3	.2	.0							747	747	357	109
76/ 75	.2	2.5	4.2	2.3	.9	.4	.2	.3	.2	.1	.0							833	833	773	326
74/ 73	.4	.3	4.1	1.7	.3	.2	.2	.2	.0	.0								705	705	1156	592
72/ 71	.5	3.1	4.4	.9	.4	.3	.2	.1	.1									737	737	1155	991
70/ 69	.5	3.3	3.6	.5	.3	.1	.1	.0	.0									625	625	1039	1091
68/ 67	.4	2.3	2.5	.4	.3	.1	.1	.0										451	451	911	1058
66/ 65	.2	1.8	.9	.5	.3	.2	.0											294	294	584	960
64/ 63	.1	.9	.7	.6	.1	.1												185	185	428	586
62/ 61	.1	.4	.8	.4	.1													130	130	288	444
60/ 59	.0	.2	.9	.2	.0													100	100	200	249
58/ 57		.2	.6	.1														69	69	198	187
56/ 55		.2	.3	.0														37	37	120	199
54/ 53		.0	.2															16	16	66	213
52/ 51		.0	.1															8	8	28	149
50/ 49																				14	114
48/ 47																				4	83
46/ 45																					29
44/ 43																					24
42/ 41																					13
40/ 39																					4
TOTAL	2.2	19.7	28.2	14.4	10.3	9.6	6.0	4.6	2.8	1.4	.5	.1	.1	.1	.1				7440		7438
																		7438		7438	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	43730735	558339	75.1	15.638	7438							
Dry Bulb	42470075	559513	75.2	7.267	7440			660.1	478.8	219.4	.9	744
Wet Bulb	35995349	515721	69.3	5.649	7438			550.9	240.4	5.3		744
Dew Point	32849078	491729	66.1	6.775	7438			418.6	104.5	.6		744

FORM AM 64 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 84/ 83		1.1																10	10		
82/ 81		1.4	1.0	.9	.1													31	31	10	5
80/ 79	.1	4.1	8.4	2.3	.9													142	142	20	18
78/ 77	.2	5.6	11.8	3.9	.6													198	198	66	34
76/ 75	.7	6.7	10.9	2.8	.1													190	190	158	95
74/ 73	.2	5.9	6.2	2.0	.6	.3	.1											138	141	207	155
72/ 71	.1	3.1	5.1	1.3	.6	.1												93	93	185	189
70/ 69	.1	1.1	2.1		.7	.6												41	41	98	157
68/ 67		1.0	1.2	.3	.1													24	24	50	94
66/ 65		.3	.7	.4	.4													17	17	43	49
64/ 63		.4	.3	.3														10	10	26	28
62/ 61			.2	.1														3	3	14	24
60/ 59																				14	16
58/ 57																				6	13
56/ 55																					11
54/ 53																					6
≤ 52/ 51																					3
TOTAL	1.4	30.9	48.0	14.5	4.0	1.0	.1												900		897
																		897		897	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6453945	75785	84.5	7.551	897							
Dry Bulb	5112542	67744	75.3	3.857	900			87.0	71.2	10.1		90
Wet Bulb	4666743	64585	72.0	4.298	897			79.7	46.3	2.0		90
Dew Point	4456318	63064	70.3	5.019	897			74.9	30.8	1.6		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83		.3																3	3		
82/ 81		1.3	1.2	.1														24	24	3	3
80/ 79	.1	3.3	4.3	1.0	.4													80	80	18	9
78/ 77	.3	5.6	7.4	1.9	.1													137	137	56	34
76/ 75	.4	6.8	12.7	3.5	.2													212	214	115	77
74/ 73	.8	8.4	6.5	1.0	.1													150	151	174	134
72/ 71	.3	6.6	5.6	.6	.4	.1												122	122	199	191
70/ 69	.2	2.5	3.8	.6	.9	.1												72	72	128	146
68/ 67		1.3	1.7	.4	.2													33	33	62	114
66/ 65	.1	1.9	.4	.7	.1													29	29	53	67
64/ 63		1.1	.3	.2	.2													17	17	36	35
62/ 61		.6	.4	.2														11	11	24	24
60/ 59		.3	.3															6	6	14	19
58/ 57			.1															1	1	10	23
56/ 55																				4	7
54/ 53																				1	7
52/ 51																					7
TOTAL	2.3	40.0	44.5	10.1	2.8	.2													900		897
																		897		897	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6754519	77575	86.5	7.136	897							
Dry Bulb	4921819	66443	73.8	4.301	900			83.6	60.9	5.6		90
Wet Bulb	4547130	63732	71.1	4.600	897			75.8	36.7	1.2		9
Dew Point	4367330	62418	69.6	5.171	897			71.0	25.8	1.0		90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
9[illegible]/ 89					.1													1	1		
[illegible]8/ 87				.1	.2	.1		.1										5	5		
86/ 85		.1	1.4	.8	1.6	1.2												46	46		
84/ 83		.4	2.3	3.6	1.9	.3	.1	.1										79	79	1	
82/ 81		1.4	4.5	5.3	1.1	.1	.1		.1									114	114	24	9
80/ 79	.2	3.6	7.2	3.0	.8	.6												138	138	56	35
78/ 77	.4	2.9	8.2	2.3	1.0		.1											135	135	143	70
76/ 75	.4	3.3	7.1	1.6	.2	.3												117	118	185	121
74/ 73	.3	3.8	4.7	1.3	.4	.2	.2											99	99	150	185
72/ 71	.1	3.2	3.1	.4	.3	.4												69	69	124	157
70/ 69	.4	1.6	1.2		.6	.3												37	37	81	114
68/ 67	.1	.8	1.3	.4	.3													27	27	45	71
66/ 65		1.2	.4	.1														16	16	27	44
64/ 63		.2	.1	.6														8	8	25	24
62/ 61		.3																3	3	23	21
60/ 59		.2	.2															4	4	5	15
58/ 57																				8	1
56/ 55																				1	1
54/ 53																					4
52/ 51																					
TOTAL	2.1	23.2	42.0	19.6	8.6	3.7	.6	.2	.1									898	899	898	898

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6184181	74081	82.5	9.011	898							
Dry Bulb	5360188	69262	77.1	5.171	899			86.9	73.6	31.8		9[illegible]
Wet Bulb	4822633	65667	73.1	4.801	898			81.1	56.0	4.9		9[illegible]
Dew Point	4585254	63988	71.3	5.354	898			76.4	42.1	2.3		9[illegible]

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

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93							.6	.4	.2									11	11		
92/ 91					.2	1.3	1.6	1.1	.2	.1	.1							42	42		
90/ 89					1.1	2.9	4.3	3.1	.3	.6	.1							112	112		
88/ 87				.9	2.9	8.8	5.4	1.7	.8	.1								185	185		
86/ 85			.1	1.9	5.1	9.8	3.3	1.2	.7	.2	.2							203	203		
84/ 83			.2	3.0	6.2	2.0	.9	.3	.2	.3	.2							121	121	2	
82/ 81			.6	2.0	3.0	1.0	1.2	.6	.2	.1								78	78	67	
80/ 79		.3	1.1	1.1	.8	.6	.4	.2	.2	.4								47	47	102	35
78/ 77		.1	.7	1.4	.6	.6	.3	.8	.2	.1								43	43	244	71
76/ 75		.3	1.2	.3	.2		.2	.4										25	25	206	119
74/ 73		.6	1.1				.2	.2										19	19	107	198
72/ 71		.6	.1	.1			.1											8	8	72	178
70/ 69			.1	.1														2	2	39	114
68/ 67			.3															3	3	16	57
66/ 65		.1																1	1	13	35
64/ 63																				20	29
62/ 61																				11	16
60/ 59																				1	9
58/ 57																					9
56/ 55																					13
54/ 53																					14
52/ 51																					6
50/ 49																					3
48/ 47																					2
TOTAL		2.0	5.6	10.9	20.1	26.9	18.7	10.1	3.1	2.0	.7							900	900	900	900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3838417	57939	64.4	10.986	900							
Dry Bulb	6479418	76252	84.7	4.598	900			89.9	88.6	77.9	1.1	9
Wet Bulb	5127270	67828	75.4	4.146	900			85.5	72.8	9.7		9
Dew Point	4576034	63978	71.1	5.586	900			76.7	41.8	.7		9

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97									.3	.1	.1							5	5		
96/ 95								.9	1.2	.4	.3	.3						29	29		
94/ 93						.1	1.2	2.2	1.3	.4	.1			.1				50	50		
92/ 91						1.6	3.4	5.9	3.4	.7	.2	.3	.1					141	141		
90/ 89					.7	2.2	7.9	9.0	2.6	.9	1.1	.3	.1					223	223		
88/ 87				.3	1.7	5.8	6.6	1.2	1.9	.4	.3							164	164		
86/ 85			.1	.4	1.8	3.0	1.8	1.2	.8	.4	.6							91	91		
84/ 83			.3	.9	2.9	.9	1.2	.4	.6	.2	.1	.2						70	70	2	
82/ 81				.9	.7	.8	.4	.3	.4	.9	.1							41	41	67	1
80/ 79		.2	.8	1.4	.2	.2		.2	.7	.1								35	35	137	16
78/ 77		.1	.6	.4	.1			.1	.1									13	13	251	53
76/ 75		.3	.6	.4	.1													13	13	185	125
74/ 73		.7	.2	.3	.2		.1			.1								15	15	95	170
72/ 71			.2															2	2	61	191
70/ 69		.2	.1															3	3	35	113
68/ 67		.1																1	1	29	66
66/ 65		.2																2	2	17	42
64/ 63		.1																1	1	15	28
62/ 61																				4	26
60/ 59																					15
58/ 57																				1	11
56/ 55																					14
54/ 53																					18
52/ 51																					8
50/ 49																					1
48/ 47																					2
46/ 45																					1
42/ 41																					1
TOTAL		2.0	2.9	5.2	8.3	14.6	22.7	21.6	13.3	4.8	3.0	1.2	.2	.1				899	899	899	899

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3130319	51921	57.8	12.109	899			89.7	89.1	83.5	8.4	9
Dry Bulb	6896393	78613	87.4	4.959	899							9
Wet Bulb	5162558	68026	75.7	4.105	899			86.3	73.8	11.4		9
Dew Point	4470150	63170	70.3	5.912	899			73.4	36.3	.5		9

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97									.4	.2								6	6		
96/ 95							.1	.2	.6	.6	.2	.3						18	18		
94/ 93						.3	1.4	.9	.8	1.4	.2		.1					47	47		
92/ 91					.1	2.2	2.7	3.1	2.6	1.8	.3	.1	.1					117	117		
90/ 89					.6	3.3	7.2	6.6	2.3	1.2	.6	.2						198	198		
88/ 87				.3	.7	6.2	5.8	2.0	2.1	1.2	.4							169	169		
86/ 85			.2	1.0	3.1	4.4	2.2	1.3	.6	1.0	.4							129	129	1	
84/ 83			.1	1.2	2.0	1.7	1.0	.7	.2	1.2	.2	.2						77	77	7	
82/ 81			.3	1.3	1.4	.9	.2	.2	.3	.2		.1						46	46	63	3
80/ 79			.4	2.1	.9	.1	.1	.1	.2	.3								39	39	113	20
78/ 77		.3	.4	.8	.2	.1			.1									18	18	230	44
76/ 75		.3	1.0	.3	.2													17	17	180	124
74/ 73		.4	.3	.7						.1								14	14	132	154
72/ 71			.1															1	1	80	187
70/ 69			.1															1	1	35	111
68/ 67																				26	82
66/ 65		.3																3	3	18	54
64/ 63																				10	32
62/ 61																				3	24
60/ 59																				1	14
58/ 57																					6
56/ 55																				1	21
54/ 53																					1
52/ 51																					9
50/ 49																					1
48/ 47																					2
44/ 43																					1
42/ 39																					1
TOTAL		1.4	3.1	7.8	9.2	19.3	20.9	15.1	10.2	9.3	2.4	1.0	.2					900	900	900	900

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3227176	52716	58.6	12.453	900							
Dry Bulb	6827552	78268	87.0	4.835	900			89.7	89.5	82.4	7.1	9
Wet Bulb	5143867	67945	75.5	4.002	900			86.7	72.6	10.7		9
Dew Point	4465945	63177	70.2	5.885	900			72.5	34.5	.8		9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN. (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95									.2									2	2		
94/ 93								.2										2	2		
92/ 91							.2	.2	.3	.1	.1							9	9		
90/ 89					.9	1.1	1.3	1.0				.1						40	40		
88/ 87				.2	1.0	4.2	1.6	.9	.3	.3								77	77		
86/ 85			.8	1.4	3.4	5.3	1.8	1.1	.4	.1								130	130		
84/ 83		.1	1.1	4.3	6.2	3.0	.9	.9	.1	.1	.1							152	152		
82/ 81		.4	2.4	5.8	6.3	1.8	1.2	.6	.4	.3								174	174	36	1
80/ 79		.2	3.0	5.7	2.1	1.2	.7	.3	.3		.1							123	123	53	23
78/ 77		1.0	2.6	3.8	1.2	.8	.1	.3	.2									90	90	174	40
76/ 75		.3	1.8	1.0	.3	.6	.2	.4	.2									44	44	225	124
74/ 73		.6	1.2	.8	.3	.2	.1											29	29	189	154
72/ 71	.2		1.1	.1	.1		.2											16	16	86	218
70/ 69		.2	.2		.1		.1											6	6	57	117
68/ 67		.2																2	2	33	78
66/ 65		.1																1	1	20	44
64/ 63	.1	.2																3	3	14	26
62/ 61																				7	25
60/ 59																				6	11
58/ 57																					6
56/ 55																					13
54/ 53																					6
52/ 51																					7
50/ 49																					3
48/ 47																					1
44/ 43																					1
TOTAL	.3	3.4	14.2	23.1	22.1	18.2	8.4	6.0	2.7	1.0	.3	.1						900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4467960	62496	69.4	11.943	900							
Dry Bulb	6056540	73716	81.9	4.562	900			89.6	87.2	65.5	.4	90
Wet Bulb	4973582	66808	74.2	3.995	900			85.3	67.7	5.7		90
Dew Point	4510141	63527	70.6	5.383	900			75.5	34.2	1.3		9

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85			.2	.1		.2												5	5		
84/ 83		1.6	.9	.7	.1	.1												30	30		
82/ 81		1.0	4.1	4.0	1.9	.1												100	100	17	9
80/ 79		2.3	11.9	8.2	2.0	.3												223	223	23	18
78/ 77		2.8	10.1	6.1	1.9		.2	.1										191	191	81	29
76/ 75		3.7	9.1	2.7	1.2	.6	.3											158	158	203	107
74/ 73		1.7	4.1	2.4		.6	.1											80	80	231	179
72/ 71	.2	1.7	2.6	.9	.3	.1												52	52	138	198
70/ 69	.1	.7	1.9	1.0	.4	.6												42	42	89	148
68/ 67		.2	.2	.1	.6													10	10	47	74
66/ 65				.3	.2													5	5	29	45
64/ 63		.3		.1														4	4	17	33
62/ 61																				12	19
60/ 59																				12	12
58/ 57																				1	6
56/ 55																					13
54/ 53																					8
52/ 51																					2
TOTAL	.3	15.9	45.1	26.7	8.7	2.6	.7	.1										900		900	
																			900		900

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5942243	72765	80.9	8.114	900							
Dry Bulb	5354042	69336	77.0	3.713	900			89.1	78.7	24.9		90
Wet Bulb	4783222	65510	72.8	4.060	900			82.9	55.5	2.7		90
Dew Point	4519645	63625	70.7	4.914	900			76.2	34.2	1.8		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97									.1	.0	.0							11	11		
96/ 95							.0	.1	.3	.1	.1	.1						49	49		
94/ 93						.1	.4	.5	.3	.2	.0		.0	.0				110	110		
92/ 91					.0	.6	1.0	1.3	.8	.3	.1	.1	.0					309	309		
90/ 89					.4	1.2	2.6	2.5	.7	.3	.2	.1	.0					574	574		
88/ 87				.2	.8	3.1	2.4	.7	.6	.3	.1							600	600		
86/ 85		.0	.4	.7	1.9	3.0	1.1	.6	.3	.2	.2							604	604	1	
84/ 83		.4	.6	1.7	2.4	1.0	.5	.3	.1	.2	.1	.1						542	542	12	
82/ 81		.7	1.8	2.5	1.8	.6	.4	.2	.2	.2	.0	.0						608	608	287	31
80/ 79	.1	1.8	4.6	3.1	1.0	.4	.2	.1	.2	.1	.0							827	827	522	169
78/ 77	.1	2.3	5.2	2.6	.7	.2	.1	.2	.1	.0								825	825	1245	375
76/ 75	.2	2.7	5.5	1.6	.3	.2	.1	.1	.0									776	779	1457	890
74/ 73	.2	2.7	3.0	1.1	.2	.2	.1	.0		.0								544	548	1285	1329
72/ 71	.1	1.9	2.2	.4	.2	.1	.0											363	363	945	1509
70/ 69	.1	.8	1.2	.2	.3	.2	.0											204	204	562	1020
68/ 67	.0	.5	.6	.2	.2													100	100	308	636
66/ 65	.0	.5	.2	.2	.1													74	74	220	380
64/ 63	.0	.3	.1	.2	.0													43	43	163	235
62/ 61		.1	.1	.0														17	17	98	179
60/ 59		.1	.1															10	10	53	111
58/ 57			.0															1	1	26	86
56/ 55																				6	102
54/ 53																				1	72
52/ 51																					47
50/ 49																					8
48/ 47																					7
46/ 45																					1
44/ 43																					-
42/ 41																					1
40/ 39																					1
TOTAL	.8	14.8	25.7	14.7	10.5	10.8	9.0	6.6	3.7	2.1	.8	.3	.1	.0				7191	7198	7191	7191

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	39998760	525278	73.0	15.052	7191							
Dry Bulb	47008494	579634	80.5	6.795	7198			705.5	638.8	381.7	17.0	72
Wet Bulb	39227005	530101	73.7	4.558	7191			663.2	481.5	48.4		72
Dew Point	35950817	506947	70.5	5.435	7191			596.6	279.7	10.0		7

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83			.2	.4	.8	.1												14	14		
82/ 81		1.1	1.6	1.5	1.4													52	52		
80/ 79	.1	8.4	11.5	5.3	2.9													262	262	23	8
78/ 77	.3	15.2	14.8	2.6	1.1													316	316	136	68
76/ 75	.6	7.4	8.1	1.9														168	168	346	209
74/ 73	.9	4.5	3.1	.2														81	81	236	276
72/ 71	.3	1.8	.3	.3														26	26	131	205
70/ 69	.3	.4	.3															10	10	46	102
68/ 67		.1																1	1	7	44
66/ 65																				5	14
64/ 63																					4
TOTAL	2.6	38.9	40.0	12.3	6.1	.1													930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6937732	80044	86.1	7.221	930							
Dry Bulb	5580519	72003	77.4	2.512	930			93.0	89.3	18.0		93
Wet Bulb	5152478	69188	74.4	2.363	930			92.5	74.1	.6		93
Dew Point	4958621	67859	73.0	2.779	930			91.2	56.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
82/ 81		.3	.4	.4	1.0														20	20		
80/ 79	.1	4.7	5.4	1.1	2.2														125	125	10	9
78/ 77	.5	16.1	13.4	1.4	2.4														315	315	99	53
76/ 75	1.2	14.8	9.8	2.4	.2														264	264	262	164
74/ 73	1.1	8.9	4.5	.9															143	143	273	250
72/ 71	.6	3.4	.6	.1															45	45	195	241
70/ 69	.4	.5	.3																12	12	77	125
68/ 67		.2	.4																6	6	5	64
66/ 65																					6	17
64/ 63																					3	5
62/ 61																						3
TOTAL	4.0	49.1	34.9	6.2	5.7															930		930
																			930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7230057	81735	87.9	7.083	930							
Dry Bulb	5410080	70896	76.2	2.437	930			93.0	86.7	6.4		93
Wet Bulb	5052977	68513	73.7	2.462	930			92.1	64.4	.3		93
Dew Point	4885146	67350	72.4	2.879	930			90.5	47.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87				.2	.2	.4												8	8		
86/ 85			1.1	2.3	1.9	.6	.1											56	56		
84/ 83		.5	4.1	4.3	1.1													93	93		
82/ 81	.1	2.9	6.4	4.0	1.4													137	137	25	6
80/ 79	.6	6.1	9.2	2.4	1.1													180	180	122	60
78/ 77	.6	9.6	7.3	1.8	.9													188	188	206	132
76/ 75	.8	8.8	4.8	1.8	.3													154	154	227	239
74/ 73	.6	4.3	2.5	.3														72	72	191	236
72/ 71	.9	1.8	.5															30	30	108	157
70/ 69	.1	.2	.1															4	4	38	80
68/ 67		.3	.3															6	6	5	34
66/ 65																				4	9
64/ 63																				2	4
62/ 61																					1
TOTAL	3.8	34.7	36.3	17.1	6.9	1.1	.1											928	928	928	928

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6813886	79196	85.3	7.721	928							
Dry Bulb	5765333	73065	78.7	3.693	928			93.0	89.0	38.1		93
Wet Bulb	5287304	69992	75.4	2.999	928			92.4	77.3	7.5		93
Dew Point	5089150	68658	74.0	3.200	928			91.6	64.4	1.8		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95											.1							1	1		
94/ 93							.2	2.3	.5		.1							29	29		
92/ 91				.1	.1	1.4	2.9	3.0	1.1									80	80		
90/ 89		.1		.3	1.9	6.5	7.3	3.9	.2	.1								189	189		
88/ 87			.1	1.9	6.7	9.5	4.2	.1										209	209	1	1
86/ 85			.6	5.1	8.2	6.2	.5	.1										193	193	2	
84/ 83		.4	.6	5.6	3.4	.8	.2	.1										104	104	12	2
82/ 81		.2	1.9	2.2	.8	.5	.2											54	54	86	11
80/ 79		.2	1.1	1.8	.6	.1												36	36	286	46
78/ 77	.1	.3	.4	.2	.2													12	12	330	138
76/ 75		.3	.5	.2														10	10	138	259
74/ 73	.2	.2	.2	.2														8	8	44	235
72/ 71		.1	.1															2	2	21	153
70/ 69		.1																1	1	6	57
68/ 67			.1															1	1	2	17
66/ 65		.1																1	1		8
64/ 63																				2	3
TOTAL	.3	2.2	5.8	17.6	21.9	24.9	15.6	9.5	1.8	.1	.2								930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4336336	62868	67.6	9.647	930							
Dry Bulb	6962363	80383	86.4	3.963	930			92.9	92.5	87.8	3.0	93
Wet Bulb	5636734	72366	77.8	2.483	930			92.8	89.9	20.1		93
Dew Point	5140412	69086	74.3	2.987	930			91.9	69.2	3.8		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (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
100/ 99												.1	.1					2	2		
98/ 97									.3	.6	.6	.4						19	19		
96/ 95							.1	1.3	4.2	2.5	1.2	.1						87	87		
94/ 93						.5	2.5	7.4	7.4	1.6	.4							185	165		
92/ 91					.2	2.3	4.8	8.4	2.8	1.0	.2							183	183		
90/ 89				.2	.8	3.6	5.4	5.5	.4	.1	.2							150	150		
88/ 87				.3	1.1	4.0	3.6	.6										89	89		
86/ 85		.1		.5	1.4	2.9	1.0	.2										57	57	1	
84/ 83		.1	.2	.9	2.2	.9	.1	.2										42	42	15	2
82/ 81		.1	.5	1.4	1.2	.1												31	31	98	5
80/ 79		.4	1.4	1.4	.5													35	35	248	24
78/ 77		.9	1.0	.6		.1												24	25	300	80
76/ 75		.2	.5															7	7	177	159
74/ 73	.1	.9	.2	.2														13	13	56	247
72/ 71	.3	.1																4	4	27	233
70/ 69			.1															1	1	4	115
68/ 67																				3	44
66/ 65																					13
64/ 63																					8
62/ 61																					2
60/ 59																					1
TOTAL	.4	2.8	4.0	5.6	7.3	14.3	17.4	23.7	15.2	5.8	2.7	.6	.1						930		929
																		929		929	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3397838	55070	59.3	11.988	929							
Dry Bulb	7450571	83095	89.3	5.298	930			93.0	92.5	86.5	29.3	93
Wet Bulb	5612878	72172	77.7	2.541	929			93.0	89.6	20.8		93
Dew Point	4946229	67724	72.9	3.140	929			90.6	51.4	1.8		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101													.2					2	2		
100/ 99											.1	.3						4	4		
98/ 97									.5	1.2	.8	.2						25	25		
96/ 95							.2	.9	4.5	1.4	1.1	.2						77	77		
94/ 93						.1	1.7	6.5	6.2	2.0	.3	.1						158	158		
92/ 91				.1	.3	3.1	4.5	5.8	2.5	.6	.1							159	159		
90/ 89				.2	1.0	4.7	5.9	4.2	.8	.1								157	157		
88/ 87				.3	1.8	4.5	2.9	.5										94	94		
86/ 85			.2	1.1	3.2	3.7	.4	.1										81	81	2	1
84/ 83			.4	1.8	1.9	.5	.1	.1										46	46	16	1
82/ 81		.3	.8	1.6	1.5	.4												43	43	117	8
80/ 79		.4	.9	1.4	.2	.2	.2											31	31	245	34
78/ 77	.1	1.0	1.0	1.0	.1													29	29	294	98
76/ 75		1.0	.4															13	13	169	176
74/ 73		.2	.3															5	5	52	240
72/ 71		.2	.1															3	3	22	264
70/ 69		.1	.1															2	2	10	96
68/ 67		.1																1	1	2	44
66/ 65																				1	19
64/ 63																					6
62/ 61																					3
TOTAL	.1	3.3	4.2	7.5	10.1	17.3	16.0	18.1	14.5	5.4	2.4	.9	.2						932		931
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3569546	56466	60.7	12.326	930							
Dry Bulb	7388893	82743	89.0	5.408	930			93.0	92.4	86.7	26.6	93
Wet Bulb	5634048	72344	77.8	2.638	930			92.9	89.5	23.3		93
Dew Point	4994501	68085	73.2	3.284	930			90.2	55.8	1.8		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

 1600-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93							.2	.5	.3	.1								11	11		
92/ 91						.5	1.1	1.7	1.3									43	43		
90/ 89					.5	2.2	3.7	1.7										75	75		
88/ 87				.2	2.6	6.8	4.5	.2										133	133		
86/ 85	.1	.1	.6	3.3	7.2	6.5	.9	.1	.1									176	176	1	1
84/ 83		.3	2.2	6.4	7.3	1.9	.1	.1										170	170	2	1
82/ 81		.2	3.7	6.7	2.6	.2												124	124	40	7
80/ 79	.1	.3	3.3	4.3	1.3	.1	.1											86	86	150	23
78/ 77		1.8	2.3	1.1	.2													50	50	317	107
76/ 75		1.5	2.2	.5	.2													41	41	249	259
74/ 73	.1	.8	.6	.1														15	15	119	263
72/ 71		.2																2	2	38	199
70/ 69		.1																1	1	9	102
68/ 67																				2	18
66/ 65																					5
64/ 63																					4
TOTAL	.3	5.4	14.9	22.7	21.7	18.2	10.6	4.4	1.7	.1								927	927	927	927

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4831222	66222	71.4	10.419	927							
Dry Bulb	6547420	77804	83.9	4.317	927			93.0	92.7	78.0	1.1	93
Wet Bulb	5443237	70999	76.6	2.419	927			93.0	88.1	9.1		93
Dew Point	5016641	68145	73.5	2.791	927			92.1	60.1	1.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAI

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS | JUL MONTH

 2100-23 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 P
86/ 85				.1	.4	.1												6	6		
84/ 83		.2	1.6	2.2	1.8	.8												61	61		
82/ 81		1.7	8.5	9.8	4.1	.8												231	231	2	
80/ 79		5.4	19.2	4.5	1.2	.1												282	282	50	
78/ 77	.2	5.5	10.1	2.6	1.1													181	181	195	
76/ 75	.3	3.2	4.7	1.3	.5													94	94	366	2
74/ 73	.2	2.9	2.6	.1														54	54	204	2
72/ 71	.1	1.2	.4															16	16	84	1
70/ 69			.2															2	2	31	
68/ 67																				5	
66/ 65																					
64/ 63																					
TOTAL	.9	20.2	47.5	20.6	9.2	1.7												927	927		9
																		927		927	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6412295	76793	82.8	7.402	927							
Dry Bulb	5794688	73248	79.0	2.732	927			93.0	91.2	45.7		
Wet Bulb	5231204	69604	75.1	2.317	927			93.0	81.0	1.5		
Dew Point	4998251	68021	73.4	2.756	927			91.9	61.0	.3		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SU

12906 STATION | ELLINGTON AFB TX STATION NAME | 69-70,73-80 YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	Dry Bulb
102/101													.0					2	2
100/ 99											.0	.1	.0					6	6
98/ 97									.1	.2	.2	.1						44	44
96/ 95							.0	.3	1.1	.5	.3	.0						165	165
94/ 93						.1	.6	2.1	1.8	.5	.1	.0						383	383
92/ 91				.0	.1	.9	1.7	2.4	1.0	.2	.0							465	465
90/ 89		.0		.1	.5	2.1	2.8	1.9	.2	.0	.0							571	571
88/ 87			.1	.4	1.5	3.1	1.9	.2										533	533
86/ 85	.0	.0	.3	1.5	2.8	2.5	.4	.1	.0									569	569
84/ 83		.2	1.2	2.7	2.3	.6	.1	.1										530	530
82/ 81	.0	.9	3.0	3.4	1.7	.3	.0											692	692
80/ 79	.1	3.3	6.5	2.8	1.2	.1	.0											1037	1037
78/ 77	.2	6.3	6.3	1.4	.7	.0												1115	1116
76/ 75	.4	4.7	3.9	1.0	.2													751	751
74/ 73	.4	2.8	1.8	.3														391	391
72/ 71	.3	1.1	.3	.1														123	128
70/ 69	.1	.2	.1															33	33
68/ 67		.1	.1															15	15
66/ 65		.0																1	1
64/ 63																			
62/ 61																			
60/ 59																			
TOTAL	1.5	19.6	23.4	13.7	11.1	9.7	7.5	7.0	4.2	1.4	.7	.2	.0					7431	7432

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	43528912	558394	75.1	14.532	7431						
Dry Bulb	50899867	613237	82.5	6.352	7432			743.9	726.3	447.2	60.
Wet Bulb	43050860	565178	76.1	2.963	7431			741.7	653.8	83.3	
Dew Point	40028946	544928	73.3	3.035	7431			730.0	465.5	10.2	

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

12916 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85				.1														1	1		
84/ 83			.6	.4	.3													13	13		
82/ 81		.5	3.7	2.4	.4													65	65		
80/ 79		5.0	10.1	5.7	.2													195	195	26	7
78/ 77	.3	16.1	14.3	3.1	.4													319	319	107	03
76/ 75	.6	13.7	9.2	1.5	.2													233	233	336	200
74/ 73	1.6	5.2	1.6	.3														81	81	316	322
72/ 71	.4	.8	.5															16	16	106	232
70/ 69		.3	.3															6	6	27	68
68/ 67																				9	25
66/ 65																					9
64/ 63																					3
TOTAL	3.0	41.6	40.3	13.6	1.6													929	929	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7060805	80789	87.0	6.152	929							
Dry Bulb	5554015	71797	77.3	2.377	929			93.0	90.8	17.0		93
Wet Bulb	5155256	69176	74.5	2.131	929			93.0	78.8	.6		93
Dew Point	4979658	67978	73.2	2.431	929			91.8	59.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | AUG MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83			.1	.5														6	6		
82/ 81		.2	1.8	.4														23	23		
80/ 79		2.5	5.6	1.8	.4													96	96	10	2
78/ 77	1.0	15.2	11.4	1.2														267	267	79	44
76/ 75	1.3	20.1	11.8	1.1	.3													322	322	266	151
74/ 73	1.5	11.3	3.3															147	147	336	306
72/ 71	.9	3.8	1.1	.1														54	54	178	281
70/ 69	.2	.4	.4															10	10	40	99
68/ 67		.4	.1															5	5	17	28
66/ 65																				4	12
64/ 63																					5
TOTAL	4.8	53.9	35.4	5.2	.8														930		937
																		930		930	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7419350	82904	89.1	5.582	930							
Dry Bulb	5378604	70690	76.0	2.412	930			93.0	86.1	5.9		93
Wet Bulb	5064722	68600	73.8	2.213	930			92.6	69.1	.2		93
Dew Point	4916532	67582	72.7	2.417	930			91.3	50.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-8/ 87			.2	.1	.1														4	4		
86/ 85			.9	2.9	.9	.2	.1												46	46		
84/ 83		.3	3.8	4.6	1.1	.1													92	92	3	
82/ 81		.8	7.9	2.3	.8	.1													101	101	13	5
80/ 79	.3	4.9	9.2	1.7	.8	.1													159	159	105	29
78/ 77	.4	11.5	8.4	1.4	.1														203	203	192	136
76/ 75	1.6	12.3	6.3	.5	.2														195	195	266	243
74/ 73	.6	6.8	1.2	.4															84	84	199	251
72/ 71	.6	2.8	.6																38	38	115	169
70/ 69		.8																	7	7	26	65
68/ 67		.1																	1	1	10	22
66/ 65																					1	6
64/ 63																						5
TOTAL	3.7	40.2	37.6	14.3	3.9	.5	.1													930		930
																			930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7026479	80551	86.6	7.310	930							
Dry Bulb	5706599	72771	78.2	3.651	930			93.0	88.4	32.9		93
Wet Bulb	5275787	69999	75.3	2.768	930			92.9	77.8	5.1		93
Dew Point	5096466	68794	74.0	2.866	930			92.0	66.4	1.7		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
96/ 95								.4	.3	.1								8	8		
94/ 93						.1	.2	1.1	1.2	.1	.1	.1						27	27		
92/ 91					.1	1.0	1.8	2.3	.6	.2								56	56		
90/ 89					1.0	7.8	9.1	2.2	.4	.1								192	192		
88/ 87				1.3	7.6	10.3	2.8	.5	.4									214	214		
86/ 85			.8	5.2	8.0	3.9	1.1	.8										182	182		
84/ 83			2.5	5.2	2.4	.6	.2	.2										103	103	8	
82/ 81		.4	1.5	3.0	.9	.3	.2											59	59	74	7
80/ 79		.9	2.5	.5	.1	.1												38	38	323	39
78/ 77		1.0	1.7	.3	.3													31	31	310	193
76/ 75	.1	.5	.4	.1														11	11	137	261
74/ 73		.5	.2															7	7	47	252
72/ 71		.1																1	1	29	98
70/ 69		.1																1	1	2	41
68/ 67																					20
66/ 65																					17
64/ 63																					6
62/ 61																					1
TOTAL	.1	3.5	9.6	15.6	20.5	24.2	15.5	7.4	3.0	.5	.1	.1						930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4449993	63577	68.4	10.566	930							
Dry Bulb	6935830	80228	86.3	3.995	930			93.0	92.8	86.8	3.5	93
Wet Bulb	5639751	72391	77.8	2.285	930			93.0	89.9	20.0		93
Dew Point	5157528	69202	74.4	2.963	930			90.6	74.7	1.4		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
100/ 99									.2			.2						4	4		
98/ 97								.1	.6	.8	.1	.2						17	17		
96/ 95								.5	3.6	2.8	.9	.3						75	75		
94/ 93						.1	2.5	4.8	3.4	1.5	.5	.1						121	121		
92/ 91						1.5	8.0	6.8	2.8	.5	.5							187	187		
90/ 89					.6	4.5	7.3	4.5	1.2	.4								173	174		
88/ 87				.3	3.1	5.0	2.6	1.3		.4								118	118		
86/ 85			.1	1.4	3.3	1.9	.1											64	64		
84/ 83			.6	1.7	2.5	.1												46	46	4	
82/ 81			1.3	1.8	1.0	.2												40	40	101	
80/ 79	.1	.3	1.5	1.3														30	30	290	12
78/ 77		.5	1.5	.3														22	22	297	106
76/ 75	.1	1.2	1.1															22	22	138	225
74/ 73	.2	.2	.4															8	8	70	250
72/ 71	.1	.1																2	2	28	185
70/ 69																				1	64
68/ 67																					30
66/ 65																					16
64/ 63																					7
62/ 61																					1
60/ 59																					1
58/ 57																					1
TOTAL	.5	2.4	6.6	6.9	10.5	13.3	20.5	18.1	11.8	6.5	2.0	.9						929	930	929	929

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3602850	56648	61.0	12.654	929							
Dry Bulb	7361105	82599	88.8	5.186	930			93.0	92.8	86.3	21.7	93
Wet Bulb	5620663	72227	77.7	2.373	929			93.0	90.1	21.0		93
Dew Point	4984610	67984	73.2	3.209	929			89.3	59.4	.3		93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | AUG 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
100/ 99										.3	.2	.2						7	7		
98/ 97								.1	.2	.8	.1	.2						13	13		
96/ 95							.4	.6	1.8	1.4	.5	.6						51	51		
94/ 93						.2	1.8	4.3	3.0	1.3	.6	.4						109	109		
92/ 91						2.2	6.8	6.3	1.9	.4	.4							167	167		
90/ 89				.2	.5	5.8	7.0	2.9	.3	.6	.1							163	164		
88/ 87					2.7	4.7	3.7	.8	.3	.1								114	114		
86/ 85				2.4	5.1	4.0	.5	.2		.1								114	114	1	
84/ 83			.8	3.7	2.0	.5	.2											67	67	12	1
82/ 81			1.5	2.5	1.0	.4												50	50	72	2
80/ 79		.3	1.7	1.3														31	31	302	2
78/ 77		.8	1.4		.2													22	22	292	99
76/ 75		.8	.4															11	11	164	273
74/ 73	.1	.2	.1	.1														5	5	60	239
72/ 71	.1	.1	.2															4	4	18	159
70/ 69																				5	57
68/ 67																				2	40
66/ 65																					17
64/ 63																					11
62/ 61																					6
60/ 59																					2
58/ 57																					1
TOTAL	.2	2.2	6.1	10.1	11.5	17.9	20.5	15.2	7.7	5.1	2.0	1.5						928	929	928	928

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3749139	57881	62.4	12.245	928							
Dry Bulb	7265598	82028	88.3	4.953	929			93.0	92.6	87.1	18.0	93
Wet Bulb	5612561	72135	77.7	2.410	928			93.0	90.5	20.0		93
Dew Point	5010217	68117	73.4	3.333	928			89.2	63.5	.8		93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (YEARS) AUG (MONTH)

 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
96/ 95									.1		.1							2	2		
94/ 93						.1		.1	.1	.3								6	6		
92/ 91							.3	.6	.2	.1	.1							13	13		
90/ 89					.5	2.2	2.0	1.3										56	56		
88/ 87				.3	2.5	5.3	2.3	.5										101	101		
86/ 85			.2	2.3	8.6	4.9	1.2	.3										163	163		
84/ 83		.1	1.7	9.0	5.4	2.3	.2	.1										175	175	1	
82/ 81		.2	6.2	9.8	2.7	.2	.1	.1										180	180	21	1
80/ 79		1.2	7.8	3.3	.8	.5												127	127	125	17
78/ 77		1.9	2.8	1.2	.2													57	57	342	65
76/ 75	.1	1.7	1.7	.2	.3													38	38	283	292
74/ 73	.1	.5	.2															8	8	113	277
72/ 71	.2	.1	.1															4	4	33	165
70/ 69																				12	52
68/ 67																					26
66/ 65																					11
64/ 63																					3
62/ 61																					1
TOTAL	.4	5.8	20.9	26.1	21.0	15.5	6.1	3.1	.4	.4	.2							930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5151520	68576	73.7	10.106	930							
Dry Bulb	6436608	77284	83.1	3.913	930			93.0	92.6	76.4	.8	93
Wet Bulb	5441921	71111	76.5	2.208	930			93.0	88.5	5.8		93
Dew Point	5056193	68529	73.7	2.643	930			91.5	67.2	.4		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | AUG MONTH

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
86/ 85				.3	.5	.8												15	15		
84/ 83			.5	3.1	1.3	.1												47	48		
82/ 81		1.9	5.2	8.8	3.0	.1												177	178		
80/ 79	.1	5.4	18.4	6.1	.8	.3												289	289	46	10
78/ 77	.2	7.5	16.2	1.8	.6	.1												246	246	186	73
76/ 75	.4	5.1	5.1	1.1														108	108	385	243
74/ 73	.6	1.9	.8	.5	.1													37	37	233	323
72/ 71	.3	.5	.1															9	9	49	192
70/ 69																				26	55
68/ 67																				3	19
66/ 65																					1
64/ 63																					3
TOTAL	1.7	22.4	46.2	21.9	6.4	1.4												928	930	928	928

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6532161	77575	83.6	7.149	928							
Dry Bulb	5795877	73379	78.9	2.566	930			93.0	92.1	39.3		93
Wet Bulb	5245459	69743	75.2	2.078	928			93.0	85.2	.9		93
Dew Point	5023995	68243	73.5	2.449	928			91.7	65.0	.3		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
100/ 99									.0	.0	.0	.1						11	11		
98/ 97								.0	.1	.2	.0	.1						30	30		
96/ 95							.1	.2	.7	.5	.2	.1						136	136		
94/ 93						.1	.5	1.3	1.0	.4	.2	.1						263	263		
92/ 91					.0	.6	2.1	2.0	.7	.2	.1							423	423		
90/ 89				.0	.3	2.5	3.2	1.4	.2	.1	.0							584	586		
88/ 87			.0	.3	2.0	3.2	1.4	.4	.1	.1								551	551		
86/ 85			.2	1.8	3.3	2.0	.4	.2		.0								585	585	1	
84/ 83		.1	1.3	3.5	1.9	.5	.1	.0										549	550	28	1
82/ 81		.5	3.5	3.9	1.2	.2	.0	.0										695	696	281	11
80/ 79	.1	2.6	7.1	2.7	.4	.1												965	965	1227	136
78/ 77	.2	6.8	7.2	1.2	.2	.0												1167	1167	1805	799
76/ 75	.5	6.9	4.5	.6	.1													940	940	1975	1887
74/ 73	.6	3.3	.9	.2	.2													377	377	1376	2222
72/ 71	.3	1.0	.3	.0														128	128	556	1461
70/ 69	.0	.2	.1															24	24	139	521
68/ 67		.1	.0															6	6	41	21
66/ 65																				5	99
64/ 63																					43
62/ 61																					18
60/ 59																					4
58/ 57																					2
TOTAL	1.8	21.5	25.3	14.2	9.5	9.1	7.8	5.5	2.9	1.6	.6	.3						7434	7438	7434	7434

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	44992297	568501	76.5	14.287	7434							
Dry Bulb	50434236	610776	82.1	6.136	7438			744.0	728.2	431.7	44.0	744
Wet Bulb	43056120	565382	76.1	2.765	7434			743.5	669.8	73.7		744
Dew Point	40225199	586429	73.5	2.852	7434			727.4	506.0	4.9		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85						.3												3	3		
84/ 83			.2	.2		.1	.1											6	6		
82/ 81			1.0	.1	.7													16	16		
80/ 79	.1	1.3	3.6	.3	.4	.3												55	55	6	1
78/ 77	1.1	7.6	10.0	1.5	.1													181	181	47	32
76/ 75	2.5	12.9	8.3	2.1	.1													231	234	173	91
74/ 73	2.7	7.6	3.4	.7	.6													133	133	234	265
72/ 71	.8	4.1	2.0	1.5	.2	.2												79	79	149	261
70/ 69	1.7	3.1	3.0	1.6	.2	.2												88	88	85	109
68/ 67	.4	1.0	.8	1.2	.1													32	32	50	71
66/ 65		.7	.3	1.0	.2													20	20	48	37
64/ 63	.2	.6	.3	.6														15	15	30	46
62/ 61		.2	.8	.4														13	13	20	27
60/ 59		.9	.3	.1														12	12	19	24
58/ 57		.4	.1	.1														6	6	21	20
56/ 55		.2																2	2	5	27
54/ 53		.2																2	2	7	9
52/ 51																					2
50/ 49																					6
TOTAL	9.5	40.9	34.1	11.4	2.7	1.2	.1												897		894
																		894		894	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6872370	78006	87.3	8.594	894							
Dry Bulb	4900357	66163	73.8	4.743	897			83.0	63.0	4.2		9[illegible]
Wet Bulb	4543969	63579	71.1	5.008	894			74.9	46.3			9[illegible]
Dew Point	4374934	62332	69.7	5.697	894			71.5	33.1			9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85					.1	.2												3	3		
82/ 81			.6															5	5		
78/ 79		.6	.9	.3	.4	.3												23	23	3	
74/ 77	.7	7.0	5.3	.3	.2													121	123	29	16
70/ 75	3.4	12.9	6.4	1.5	.1													216	217	123	90
66/ 73	2.3	13.0	4.5	.6	.2													184	184	226	182
62/ 71	3.0	4.6	2.8	.2	.1													96	96	181	194
58/ 69	1.7	3.0	3.6	1.0														83	83	84	117
54/ 67	1.1	2.2	2.1	.4	.1													54	54	63	79
50/ 65	.1	1.2	1.0	.3														24	24	59	43
46/ 63	.2	1.1	.9	.7	.4													30	30	31	40
42/ 61		.7	.3	.4														13	13	23	33
38/ 59		.4	.9															12	12	17	27
34/ 57	.1	1.0	.9															18	18	18	11
30/ 55	.2	.8	.1															10	10	22	25
26/ 53																				12	19
22/ 51		.2																2	2	3	13
18/ 49																					6
TOTAL	12.9	48.8	30.2	5.8	1.8	.6												894	897	894	894

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7143411	79613	89.1	7.752	894							
Dry Bulb	4724925	64933	72.4	5.228	897			79.1	55.7	1.9		90
Wet Bulb	4428742	62732	70.2	5.482	894			71.4	38.4			93
Dew Point	4287558	61676	69.0	6.042	894			67.9	29.0			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH)

 0700-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
88/ 87						.1												1	1		
86/ 85				.2		.1												3	3		
84/ 83		.1	1.1	.4														15	15		
82/ 81	.1	.7	4.7	1.0	.2													60	60	4	1
80/ 79	.3	3.6	4.5	1.2	.2	.1												89	90	31	9
78/ 77	1.0	7.1	3.0	.8	.1													108	110	105	71
76/ 75	2.5	12.5	4.2	1.0	.4													185	185	152	153
74/ 73	2.1	7.7	3.6	1.2	.2	.1												134	134	170	156
72/ 71	1.7	5.0	2.2	.8	.4													91	91	117	147
70/ 69	1.2	2.0	2.8	.8	.1													62	62	92	84
68/ 67	.9	1.5	2.0	.8	.2	.1												49	49	51	75
66/ 65	.3	1.5	1.3	.6	.1	.1												35	35	49	43
64/ 63		1.0	.8	.2	.4													22	22	36	41
62/ 61		.1	.7	.2														9	9	28	29
60/ 59		.7	.2	.2														10	10	13	29
58/ 57		.4	.7															10	10	16	25
56/ 55	.1	.7	.4															11	11	18	14
54/ 53		.1																1	1	11	1
52/ 51																				2	15
50/ 49		.1																1	1	1	2
48/ 47																					1
TOTAL	10.3	44.8	32.3	9.5	2.6	.7													899		896
																		896		896	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6996030	78818	88.0	8.369	896							
Dry Bulb	4909574	66236	73.7	5.729	899			80.1	59.9	11.7		90
Wet Bulb	4569029	63763	71.2	5.923	896			72.5	46.4	.9		90
Dew Point	4414033	62617	69.9	6.520	896			68.8	38.6	.6		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

12916 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | SEP MONTH

 0500-11, 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 P
94/ 93							.2	1.0	.6	.2								2	2		
92/ 91								.1	.1									18	18		
90/ 89					.3	2.4	2.1	1.7	.1									60	60		
88/ 87				.1	3.7	3.9	2.3	.6	.1	.1								97	97		
86/ 85			.7	3.7	7.1	4.6	.9	.3	.1									156	156		
84/ 83		.1	3.2	6.8	2.4	1.4	1.9	.4	.1		.1							149	149		
82/ 81		.6	3.6	3.2	1.1	1.2	1.3	.7	.1									103	103	25	
80/ 79	.1	.9	3.1	2.2	.9	1.4	.2	.4	.2		.1							87	87	187	2
78/ 77	.1	1.3	1.3	1.2	1.4	.9	.7	.1	.2	.1								67	68	227	14
76/ 75	.2	.8	1.9	1.3	.8	1.0	.3	.2	.1									60	60	129	18
74/ 73	.2	.9	1.1	.9	.4	.4	.3	.2										41	41	79	13
72/ 71	.2	.9	.3	.7	.2	.2	.1	.2										26	26	76	15
70/ 69	.1	.3	.1	.8	.1	.6	.1											19	19	60	6
68/ 67		.1		.2	.1													4	4	39	7
66/ 65		.1	.1	.1	.2	.1												6	6	28	3
64/ 63					.2													2	2	16	3
62/ 61					.1													1	1	13	2
60/ 59				.1														1	1	11	2
58/ 57																				6	1
56/ 55																				1	
54/ 53																				2	1
52/ 51																					
50/ 49																					
48/ 47																					
46/ 45																					
TOTAL	1.0	6.0	15.5	21.4	19.2	18.5	11.0	5.6	1.3	.3	.2								900		89
																		899		899	

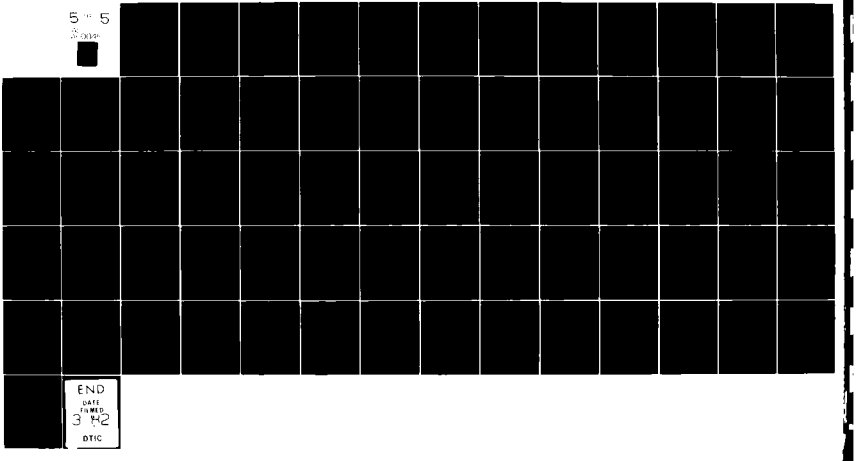
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4641074	63648	70.8	12.256	899							
Dry Bulb	6065627	73717	81.9	5.544	900			89.0	84.1	64.3	.2	9
Wet Bulb	5028849	67779	74.6	5.142	899			82.3	64.8	9.6		9
Dew Point	4595518	64012	71.2	6.474	899			73.7	49.1	.4		9

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

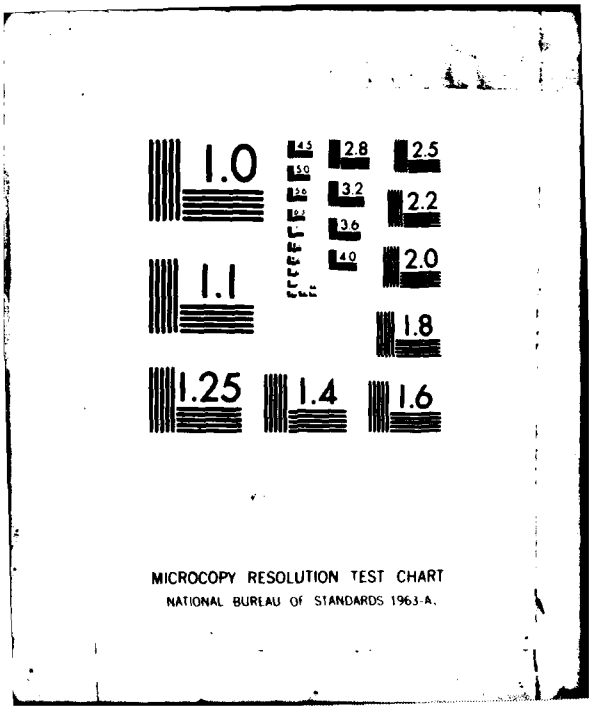
AD-A110 045 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ELLINGTON AFB, HOUSTON, TEXAS REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
AUG 81

UNCLASSIFIED USAFETAC/DS-81/087 SBI-AD-E850 115 NL

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98/ 97											.2							2	2		
96/ 95									.2	.2								4	4		
94/ 93							.1	1.3	.6	.1	.1							20	20		
92/ 91					.2	.8	4.8	4.2	2.1	.9		.1						118	118		
90/ 89					.4	3.1	5.1	4.7	.9	1.0		.1						138	138		
88/ 87					2.4	5.6	2.9	1.0	1.1	.4	.3							124	124		
86/ 85			.1	2.3	4.8	3.7	1.9	2.3	.3	.3	.3							145	145		
84/ 83			.9	2.1	2.1	.7	1.6	1.0	1.3	.6		.1						93	93	3	
82/ 81		.2	1.4	2.1	1.2	.8	1.0	.8	.2	.2	.3							75	75	29	2
80/ 79		.3	2.1	1.0	.7	.8	.7	.3	.4	.2								59	59	178	9
78/ 77		.6	1.6	.4	.8	.8	.4	.6	.2	.1								49	49	232	75
76/ 75		1.1	.9	.2	.4	.2	.1	.1	.3									31	31	148	166
74/ 73	.1	.8	.6	.2	.3		.3	.1										22	22	94	184
72/ 71	.3	.8	.1	.1			.1											13	13	72	130
70/ 69		.1		.2	.1		.1											5	5	50	81
68/ 67							.1											1	1	41	69
66/ 65					.1													1	1	19	40
64/ 63																				18	37
62/ 61																				10	26
60/ 59																				3	19
58/ 57																				3	15
56/ 55																					17
54/ 53																					13
52/ 51																					6
50/ 49																					3
48/ 47																					6
46/ 45																					2
TOTAL	.4	3.9	7.7	8.8	13.7	16.3	19.2	16.4	7.8	4.1	1.3	.3							900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3700261	56365	62.6	13.761	900							
Dry Bulb	6547083	76607	85.1	5.417	900			89.9	88.0	75.0	2.6	90
Wet Bulb	5092455	67575	75.1	4.561	900			84.7	68.4	9.8		9
Dew Point	4497864	63366	70.4	6.370	900			71.6	43.6	.5		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69.72-80 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
100/ 99												.2						2	2		
96/ 95									.2	.6	.1							8	8		
94/ 93							.1	.2	.6	.9								16	16		
92/ 91					.1	.2	1.8	2.6	1.0	.4								55	55		
90/ 89					.3	2.1	4.7	3.2	.9	.4	.3	.3	.1					112	112		
88/ 87				.3	1.9	7.6	4.1	2.1	1.1	.4	.1							159	159		
86/ 85			.1	2.8	4.2	4.0	1.4	1.7	1.0	.7								143	143		
84/ 83			1.3	4.2	3.7	.9	1.4	1.3	1.4	.3								132	132	2	
82/ 81		.1	1.4	2.3	1.0	1.4	.9	.6	.8	.4	.2							83	83	18	1
80/ 79	.1	.8	2.3	1.3	.3	.3	.4	.7	.2	.1	.2							62	62	142	11
78/ 77		.8	1.9	.8	.9	.7	.6	.7	.4	.2								62	62	240	70
76/ 75	.1	.9	.7	.2	.2	.1	.7		.1									27	27	173	162
74/ 73	.3	.9	.8	.2	.1													21	21	101	175
72/ 71	.2	.6				.2												9	9	77	143
70/ 69		.1	.1		.2			.2										6	6	52	84
68/ 67				.2			.1											3	3	39	53
66/ 65																				21	48
64/ 63																				19	27
62/ 61																				8	29
60/ 59																				5	34
58/ 57																				2	21
56/ 55																				1	16
54/ 53																					5
52/ 51																					11
50/ 49																					1
48/ 47																					3
46/ 45																					6
TOTAL	.8	4.1	8.7	12.4	13.0	17.6	16.2	13.2	7.8	4.6	1.0	.6	.1					900	900		900
																		900		900	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	3825867	57233	63.6	14.395	900							
Dry Bulb	6449621	76049	84.5	5.120	900			90.0	88.2	74.6	2.6	90
Wet Bulb	5054549	67327	74.8	4.470	900			84.4	67.6	6.3		90
Dew Point	4473255	63181	70.2	6.491	900			69.9	41.9	.7		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91								.1										1	1		
90/ 89							.1	.7										7	7		
88/ 87					.1	1.0	.7											16	16		
86/ 85				1.1	2.0	1.8	.2	.3	.1									50	50		
84/ 83			.7	5.3	3.6	1.1	.8	.1										104	104		
82/ 81		.2	4.1	6.6	1.8	.7	.7		.1									127	127	1	
80/ 79		4.0	8.2	4.7	2.2	1.4	.6											190	190	30	3
78/ 77	.1	3.0	6.7	1.9	1.7	.6	.9											133	133	189	58
76/ 75	.7	4.1	3.8	1.3	1.4	.8		.2	.1	.1								113	114	227	178
74/ 73	.4	1.9	1.7	1.3	1.4	.8	.1	.1										70	70	170	213
72/ 71	.3	1.0	.6	.8	.9	.2	.1											35	35	85	153
70/ 69		.1	.2	.4	.7	.6	.1											19	19	59	70
68/ 67			.6	.2	.1		.2											10	10	33	46
66/ 65		.1	.7	.3				.1										11	11	41	39
64/ 63		.1	.4	.1	.1	.1												8	8	21	34
62/ 61			.1	.1														2	2	18	33
60/ 59				.2														2	2	14	29
58/ 57																				3	24
56/ 55																				4	7
54/ 53																				3	2
52/ 51																					7
50/ 49																					2
48/ 47																					6
44/ 43																					1
42/ 41																					1
TOTAL	1.6	14.6	27.7	24.5	16.0	9.0	4.5	1.7	.3	.1								898	899		898
																				898	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5447412	69142	77.0	11.747	898							
Dry Bulb	5559835	70567	78.5	4.799	899			87.7	81.3	41.1		93
Wet Bulb	4821095	65657	73.1	4.793	898			79.6	61.8	.5		90
Dew Point	4492337	63283	70.5	6.039	898			71.5	44.5	.1		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83				.4	.4	.3												11	11		
82/ 81			1.8	1.9		.2	.2											37	37		
80/ 79	.1	2.6	7.3	2.8	.2	.2												118	118	4	1
78/ 77	.7	9.9	11.7	1.9	.4	.1	.1											223	223	71	46
76/ 75	.9	9.2	6.5	2.2	1.0	.2												179	182	226	124
74/ 73	1.7	6.1	2.7	2.5	.9	.1												125	125	235	214
72/ 71	.8	3.3	1.1	2.1	1.2	.2												79	79	99	184
70/ 69	.3	1.5	1.0	1.2	1.1	.4												50	50	76	80
68/ 67		.4	.6	1.0	.4													22	22	45	49
66/ 65		.4	.6	.6		.2												16	16	36	40
64/ 63		.4	1.0	.1	.2													16	16	37	32
62/ 61		.6	.2	.1	.2													10	10	27	32
60/ 59			.2															2	2	21	36
58/ 57		.2	.4															6	6	4	24
56/ 55			.2															2	2	11	13
54/ 53																				2	5
52/ 51																				2	7
50/ 49																					8
48/ 47																					1
TOTAL	4.5	34.7	35.3	16.9	6.2	2.1	.3												899		896
																		896		896	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	6490555	75781	84.6	9.526	896							
Dry Bulb	5071133	67397	75.0	4.534	899			84.8	69.7	9.3		90
Wet Bulb	4625368	64218	71.7	5.041	896			75.9	53.8			90
Dew Point	4417934	62688	70.0	5.981	896			70.1	38.7			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
100/ 99												.0						2	2		
98/ 97											.0							2	2		
96/ 95									.1	.1	.0							12	12		
94/ 93							.0	.2	.1	.1	.0							38	38		
92/ 91					.0	.2	.9	.9	.4	.2		.0						192	192		
90/ 89					.1	1.0	1.5	1.3	.2	.2	.0	.1	.0					317	317		
88/ 87				.1	1.0	2.3	1.3	.5	.3	.1	.1							397	397		
86/ 85			.1	1.3	2.3	1.8	.6	.6	.2	.1	.0							503	503		
84/ 83		.0	.9	2.5	1.5	.6	.7	.4	.4	.1	.0	.0						510	510	5	
82/ 81	.0	.2	2.3	2.2	.8	.5	.5	.3	.2	.1	.1							506	506	77	6
80/ 79	.1	1.8	4.0	1.7	.7	.6	.2	.2	.1	.0	.0							683	684	581	55
78/ 77	.5	4.7	5.2	1.1	.7	.4	.3	.2	.1	.1								944	949	1140	505
76/ 75	1.3	6.8	4.1	1.2	.6	.3	.1	.1	.1	.0								1042	1050	1351	1151
74/ 73	1.2	4.8	2.3	.9	.5	.2	.1	.1										730	730	1309	1458
72/ 71	.9	2.5	1.1	.8	.4	.1	.0	.0										428	428	856	1258
70/ 69	.6	1.3	1.4	.8	.3	.2	.0	.0										332	332	558	692
68/ 67	.3	.7	.8	.5	.1	.0	.1											175	175	361	506
66/ 65	.1	.5	.5	.4	.1	.1		.0										113	113	301	315
64/ 63	.1	.4	.4	.2	.2	.0												93	93	208	290
62/ 61		.2	.3	.2	.0													48	48	147	228
60/ 59		.3	.2	.1														39	39	103	225
58/ 57	.0	.3	.3	.0														40	40	73	147
56/ 55	.0	.2	.1															25	25	62	124
54/ 53		.0																3	3	37	73
52/ 51		.0																2	2	7	70
50/ 49		.0																1	1	1	40
48/ 47																					23
46/ 45																					9
44/ 43																					1
42/ 41																					1
TOTAL	5.1	24.7	23.9	13.8	9.4	8.3	6.4	4.6	2.2	1.1	.3	.1	.0					7177	7191	7177	7177

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	45116980	558606	77.8	15.113	7177							
Dry Bulb	44228155	561669	78.1	7.059	7191			683.6	589.9	282.2	5.4	720
Wet Bulb	38164056	521930	72.7	5.383	7177			625.8	447.7	27.2		720
Dew Point	35553433	503155	70.1	6.235	7177			564.9	318.5	2.3		720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.4															4	4		
80/ 79		.2	1.3															14	14		
78/ 77	.1	1.5	.2	.2	.1													20	20	16	9
76/ 75	.2	1.6	1.0	.8														33	33	23	25
74/ 73	1.9	1.9	1.9	1.4	.1													68	68	36	34
72/ 71	2.8	3.2	3.0	.2	.2	.1												89	89	67	52
70/ 69	1.3	4.5	1.6	.4	.5	.2	.1											81	81	68	61
68/ 67	1.2	4.6	3.1	.6	.9	.1												98	98	97	60
66/ 65	1.5	4.1	2.5	.6	.9	.5												94	94	65	99
64/ 63	.4	5.2	1.0	1.2	1.0	.9												89	89	88	59
62/ 61	.8	2.6	1.5	.9	1.9	.2	.1											74	74	83	74
60/ 59	.1	2.8	2.5	1.0	.9													67	67	54	72
58/ 57	.1	1.5	2.5	.6	.4													48	48	57	46
56/ 55	.1	2.6	1.7	.6	.2													49	49	59	42
54/ 53		1.7	1.5	.6	.1													37	37	84	48
52/ 51		.6	1.8	.6	.2													31	31	42	62
50/ 49		.6	.6	.3														15	15	35	42
48/ 47		.2	.2	.2														6	6	27	49
46/ 45		.1	.9															9	9	10	39
44/ 43			.1															1	1	7	22
42/ 41			.3															3	3	8	11
40/ 39																				2	10
38/ 37																				2	7
36/ 35																					2
34/ 33																					3
32/ 31																					1
TOTAL	10.5	39.7	29.7	10.4	7.4	2.0	.2											930		930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6699031	781713	84.1	11.756	930							
Dry Bulb	3932522	60066	64.6	7.537	930			40.7	13.9	1.0		93
Wet Bulb	3598195	57341	61.7	8.217	930			30.7	7.5			93
Dew Point	3380298	55360	59.5	9.559	930		.1	24.1	6.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.3															3	3		
80/ 79		.1	1.2															12	12		
78/ 77		1.5	.2															16	16	6	5
76/ 75	.3	1.0	.8	.3														22	22	29	24
74/ 73	1.7	1.2	1.4	.2			.1											43	43	30	27
72/ 71	3.4	2.4	1.8		.1		.1											73	73	54	50
70/ 69	3.2	3.1	2.5	.1	.5	.1	.1											90	90	67	60
68/ 67	.6	3.4	2.2	.5	.4	.1												68	68	61	44
66/ 65	.8	4.5	1.1	.8	.2	.1												69	69	60	68
64/ 63	1.6	6.1	.6	1.0	.3	.3												93	93	79	72
62/ 61	1.8	3.3	1.6	1.2	1.1	.2												86	86	97	77
60/ 59	.6	4.5	1.3	1.4	.9	.2												83	83	60	65
58/ 57	.9	2.6	1.2	1.0	1.5													66	66	75	62
56/ 55	.1	2.4	2.2	.9		.1												52	52	47	54
54/ 53		3.0	2.3	.6														55	55	65	49
52/ 51		1.8	1.5	.1														32	32	72	47
50/ 49		1.6	1.5	.3														32	32	50	51
48/ 47	.1	.6	.8	.1														15	15	35	54
46/ 45		.1	.1	.2														4	4	18	44
44/ 43		.5	.3															8	8	6	38
42/ 41		.3	.1															4	4	10	12
40/ 39		.2	.2															4	4	5	11
38/ 37																				4	7
36/ 35																					9
34/ 33																					1
32/ 31																					1
TOTAL	15.3	44.4	25.1	8.7	5.1	1.2	.3											930	930		930
																				930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7007982	80024	86.0	11.466	930							
Dry Bulb	3725522	58394	62.8	7.970	930			32.7	9.6	.5		93
Wet Bulb	3450117	56087	60.3	8.530	930			24.7	6.5			93
Dew Point	3262697	54343	58.4	9.689	930		.1	21.0	5.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85				.1														1	1		
82/ 81		.1	.4	.1														6	6		
80/ 79	.1	.3	1.4	.1	.1													19	19	5	1
78/ 77		1.2	1.3		.1													24	24	11	7
76/ 75	.8	1.9	1.2	.6	.1													43	43	33	31
74/ 73	1.8	1.9	1.2	1.1	.1	.1												58	58	50	42
72/ 71	3.3	2.0	2.0	.4					.1									71	71	58	58
70/ 69	2.2	2.7	1.9		.5	.1												69	69	67	62
68/ 67	1.1	3.7	3.2	1.2	.4	.1	.2											92	92	60	47
66/ 65	.6	4.4	1.1	1.6	.2	.1	.2											77	77	73	64
64/ 63	1.2	3.1	.9	1.0	.4	.4												65	65	72	72
62/ 61	1.5	3.2	1.3	1.3	.6	.3												77	77	72	65
60/ 59	.3	3.2	2.2	1.0	.4	.2												68	68	64	50
58/ 57	.3	3.4	1.7	1.1	.6	.1												68	68	60	62
56/ 55	.5	2.3	1.4	1.5	.2													55	55	69	58
54/ 53		2.3	1.7	.5	.2													44	44	53	50
52/ 51	.1	1.7	1.5	.1														32	32	60	49
50/ 49		1.2	1.4															24	24	52	56
48/ 47		1.2	.6															17	17	25	33
46/ 45		.1	.6															7	7	22	38
44/ 43			.2															2	2	7	37
42/ 41		.1	.2															3	3	5	22
40/ 39		.6																6	6	5	7
38/ 37			.1															1	1	5	7
36/ 35																				1	5
34/ 33																					1
32/ 31																					1
TOTAL	13.6	40.8	27.7	11.7	4.2	1.5	.4		.1										929		929
																		929		929	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6866092	79130	85.2	11.652	929							
Dry Bulb	3847825	59269	63.8	8.468	929			38.3	15.1	1.5		93
Wet Bulb	3540648	56756	61.1	8.882	929			28.4	9.9			93
Dew Point	3340629	54927	59.1	10.015	929		.1	24.8	8.1			93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
92/ 91							.2											2	2		
90/ 89					.1	.2												3	3		
88/ 87					.2	.9	.5	.2										17	17		
86/ 85				.6	1.4	1.1	.8	.9	.1	.1								46	46		
84/ 83			.4	2.3	2.2	1.2	1.5	.6	.3	.1								80	80		
82/ 81			1.2	1.2	1.3	2.2	1.5	.5				.1	.2					76	76	3	
80/ 79		.2	1.6	1.4	2.0	2.8	.9	.9	.5	.3	.1	.1	.1					102	102	20	3
78/ 77		1.2	1.3	1.5	2.4	.6	1.2	.8	.2	.1	.2							88	88	62	15
76/ 75	.5	.4	1.1	1.4	2.0	1.5	.8	.8	1.0	.9	.1							97	97	76	57
74/ 73	.4	.9	1.2	1.3	.9	1.3	.5	.8	.6	.2								75	75	81	61
72/ 71	.6	.6	1.0	.8	1.5	.4	1.5	.4	.2	.4								70	70	100	67
70/ 69	.2	.8	1.8	.4	1.2	.8	.6	.9	.1									63	63	95	71
68/ 67	.2	.4	.6	1.0	.9	.6	.8	.9	.2									52	52	67	73
66/ 65		.6	.1	1.0	.6	.5	.9											35	35	69	97
64/ 63			.1	.5	.9	.9	.3	.3										28	28	57	53
62/ 61		.1	.2	.8	.3	.6	.1											20	20	46	36
60/ 59		.4	.5	.4	.5	.1	.3											22	22	56	36
58/ 57		.3	.6	.4	.2		.1											16	16	51	57
56/ 55	.3	.4	.5	.2	.3	.2												19	19	49	37
54/ 53	.1		.2	.5														8	8	42	43
52/ 51		.3	.3	.2														8	8	24	36
50/ 49				.1														1	1	17	31
48/ 47			.1															1	1	9	36
46/ 45			.1															1	1	4	32
44/ 43																				1	37
42/ 41																				1	18
40/ 39																					14
38/ 37																					13
36/ 35																					6
34/ 33																					1
TOTAL	2.5	6.8	13.1	16.0	18.9	15.9	12.5	7.8	3.3	2.2	.4	.2	.3					930	930		930
																				930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4228991	60803	65.4	16.526	930							
Dry Bulb	5178544	68968	74.2	8.296	930			77.1	58.6	28.7		93
Wet Bulb	4137461	61557	66.2	8.234	930			50.4	24.2	.8		93
Dew Point	3567079	56731	61.0	10.703	930			34.7	13.6			93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93							.1	.1				.1						3	3		
92/ 91						.1	.1			.2	.1							5	5		
90/ 89						.4	1.3	.9	.9	.5	.1			.1				39	39		
88/ 87					.8	1.2	1.3	1.8	.8	.3	.5		.2		.1			65	65		
86/ 85			.1	.1	1.5	3.2	2.4	2.4	1.0	.8	.4	.2	.2	.2				116	116		
84/ 83				.8	1.1	1.6	2.4	1.3	1.0	1.0	.3	.2	.3	.1				93	93		
82/ 81		.1	.3	.8	1.4	2.9	2.8	2.0	1.4	1.0	.8	.2	.5					132	132	4	
80/ 79	.1	.5	.3	.9	1.6	1.9	1.1	1.6	1.1	.2	.8	1.1	.1					105	105	18	3
78/ 77	.1	.2	.9	.5	1.1	.3	1.3	.6	1.0	1.6	.9	.1						80	80	72	13
76/ 75	.1	.4	.4	.9	1.0	1.0	1.1	.6	.8	1.0	.2							69	69	63	30
74/ 73		.4	.5	.4	.3	.2	.4	1.2	.9	.5	.2							48	48	121	61
72/ 71	.2	.3	.2		.3		.8	.6	.6	.3	.1							33	33	104	62
70/ 69		.2	.4	.2	.3	.8	.5	.8	.6	.1								37	37	83	66
68/ 67	.1	.3	.2	.3	.4	.6	.8	.1	.2									29	29	74	84
66/ 65	.1	.2		.4	.1	.2	.3	.2	.2									17	17	76	78
64/ 63		.2	.3	.4	.1	.1		.4										15	15	42	57
62/ 61	.1	.1	.3	.3	.3		.1	.1										13	13	46	50
60/ 59		.4	.2		.2		.3											11	11	83	50
58/ 57	.1	.1		.3	.2	.1												8	8	60	53
56/ 55				.1	.1													2	2	31	37
54/ 53		.2																2	2	21	44
52/ 51		.1		.3														4	4	11	.0
50/ 49			.3															3	3	10	32
48/ 47																				6	31
46/ 45																				4	39
44/ 43																					29
42/ 41																					19
40/ 39																					19
38/ 37																					24
36/ 35																					14
34/ 33																					3
32/ 31																					3
TOTAL	1.0	4.0	4.6	6.8	10.9	14.7	17.0	14.9	10.3	7.5	4.4	1.9	1.4	.4	.1			929	929	929	929

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3079674	51002	54.9	17.360	929							
Dry Bulb	5806737	73091	78.7	7.779	929			85.5	75.6	52.0	.3	93
Wet Bulb	4250651	62441	67.2	7.614	929			54.0	27.8	1.1		93
Dew Point	3438676	55572	59.8	11.103	929		.3	31.9	10.7			93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93												.2						2	2		
92/ 91							.1			.1	.4							6	6		
90/ 89						.1	.3	.4	.2	.4	.2			.1				17	17		
88/ 87					.1	.8	.9	.9	1.1	.3	.4		.2					43	43		
86/ 85				.4	1.5	1.3	1.3	1.1	.6	.3	.3	.6	.2	.1				73	73		
84/ 83			.4	2.3	2.6	2.3	1.3	1.4	1.2	.5	.2	.4	.6	.1				124	124		
82/ 81			.5	1.4	2.0	1.7	1.9	1.7	1.3	1.0	.6	.2	.4					120	120		
80/ 79		.1	.5	1.8	1.9	1.6	2.0	1.6	.5	.9	.8	.4						114	114	18	1
78/ 77		.2	.1	1.3	1.6	.8	2.3	.6	.8	1.3	.6	.3						92	92	52	7
76/ 75	.3	.6	.5	1.5	.3	1.4	1.5	1.3	1.0	.6	.5							90	90	74	39
74/ 73	.1	.5	.6	.8	.1	.8	.5	1.0	.9	1.3	.2							63	63	110	58
72/ 71		.4	.4	.3	.1	.2	.3	.4	.8	.8								35	35	96	66
70/ 69	.2	.9	.5	.3	.6	.3	1.1	.3	.3	.2	.1							46	46	93	75
68/ 67	.4		.2	.4	.5	.6	.4	.5	.2	.2								34	34	85	67
66/ 65		.4		.3		.2	.2	.2	.1									14	14	69	75
64/ 63			.4	.3	.1	.3	.1	.3										15	15	59	49
62/ 61		.2	.2	.2	.3		.2	.3										14	14	57	54
60/ 59	.1	.4	.1	.1		.2												9	9	72	61
58/ 57		.3		.3	.2													8	8	58	53
56/ 55	.1																	1	1	34	46
54/ 53	.2	.2																4	4	23	24
52/ 51			.2	.2	.2													6	6	13	36
50/ 49																				9	43
48/ 47																				4	33
46/ 45																				4	30
44/ 43																					22
42/ 41																					33
40/ 39																					18
38/ 37																					19
36/ 35																					9
34/ 33																					9
32/ 31																					2
30/ 29																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

12906 STATION | ELLINGTON AFB TX STATION NAME | 69.72-80 YEARS | OCT MONTH

 15[illegible]-17[illegible] 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 Poi
TOTAL	1.5	4.4	4.9	12.0	12.4	12.6	14.5	12.2	8.9	8.0	4.5	2.3	1.5	.3				930	930	930	93

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3301850	52648	56.6	18.600	930			85.9	74.4	44.8	.2	9
Dry Bulb	5675242	72328	77.8	7.347	930			52.8	25.4	.3		9
Wet Bulb	4210444	62198	66.9	7.385	930		.3	31.3	10.5			9
Dew Point	3429343	55523	59.7	11.102	930							9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

 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
88/ 87									.1									1	1		
86/ 85					.1				.1									2	2		
84/ 83				.1	.1		.1	.3										6	6		
82/ 81		.1	.9	.5	.2		.4	.2			.1							23	23		
80/ 79		.6	1.8	1.4	.6	.4	.6			.1								53	53	3	
78/ 77	.1	1.1	1.9	1.8	.8	.8	.1		.2									63	63	18	8
76/ 75	.1	2.0	3.9	3.0	.8	1.0	.2	.2	.2	.2								108	108	45	34
74/ 73	1.1	2.6	4.2	2.2	1.2	.5	.8	.1	.2									119	119	73	46
72/ 71	.3	1.4	3.5	2.0	1.1	.3	.3	.4	.2									90	90	90	69
70/ 69	.2	2.9	2.5	1.9	1.4	1.3	.6	.6	.2									109	109	101	74
68/ 67	.5	1.0	1.7	1.3	1.1	1.7	.6	.3	.1									78	78	102	85
66/ 65	.3	1.5	1.8	1.7	1.9	.8	.8											82	82	69	82
64/ 63		.4	1.1	1.5	1.2	.9	.4											51	51	67	57
62/ 61		.6	.6	1.3	.8	.8	.2	.1										41	41	55	74
60/ 59		.8	1.3	1.2	1.0	.2	.1											42	42	69	39
58/ 57		.6	.5	.3	.3	.1												22	22	65	45
56/ 55		.5	.5	.5	.1	.3												19	19	67	46
54/ 53		.1	.1	.2	.3	.1												8	8	44	46
52/ 51		.2	.1	.1														4	4	26	53
50/ 49		.1	.2	.3														6	6	13	44
48/ 47			.2	.1														3	3	11	34
46/ 45																				5	29
44/ 43																				6	21
42/ 41																				1	11
40/ 39																					14
38/ 37																					6
36/ 35																					5
34/ 33																					3
TOTAL	2.7	16.7	27.0	22.0	12.9	9.1	5.4	2.4	1.4	.3	.1							930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5298891	68723	73.9	15.408	930							
Dry Bulb	4579149	64937	69.8	6.955	930			65.2	37.5	5.5		93
Wet Bulb	3909778	59878	64.4	7.662	930			43.2	13.9			93
Dew Point	3507621	56373	60.6	9.870	930			32.0	8.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

 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
82/ 81			.6															6	6		
80/ 79		.6	1.3	.1														19	19		
78/ 77	.1	1.5	.6	.1	.2	.3	.1	.1										29	29	26	8
76/ 75		2.2	1.8	.8	.4	.2												50	50	23	30
74/ 73	1.6	2.6	4.1	.9	.4	.3		.1										93	93	45	40
72/ 71	1.7	4.6	4.2	.4	.3	.2	.2											109	109	71	58
70/ 69	1.0	3.0	4.3	.4	.2	.5		.1										89	89	96	77
68/ 67	.8	3.3	4.8	.6	.5	.4	.1	.1										100	100	93	73
66/ 65	.8	3.0	3.0	1.2	1.7	.5	.4	.1										100	100	87	94
64/ 63	.4	1.7	1.5	1.7	.9	1.4	.3											74	74	75	67
62/ 61		2.2	1.7	.9	.8	.6	.1											58	58	53	59
60/ 59		1.5	3.4	1.1	1.0													65	65	67	55
58/ 57		.9	2.7	1.3	.4													49	49	58	38
56/ 55		1.3	.9	1.5	.3													37	37	78	50
54/ 53		.2	1.0	.5	.5													21	21	55	56
52/ 51		.3	.5	.4														12	12	38	56
50/ 49			.3	.5														8	8	28	37
48/ 47		.2	.5	.2														9	9	12	28
46/ 45		.1																1	1	15	46
44/ 43			.1															1	1	7	23
42/ 41																				2	14
40/ 39																				1	14
38/ 37																					4
36/ 35																					6
TOTAL	6.3	29.2	37.5	12.7	7.7	4.6	1.3	.5										930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6265148	75374	81.0	12.970	930							
Dry Bulb	4154743	61809	66.5	7.100	930			49.5	19.7	1.6		93
Wet Bulb	3731632	58442	62.8	7.975	930			35.4	9.4			93
Dew Point	3462114	56028	60.2	9.660	930			28.6	7.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (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
94/ 93							.0	.0				.0						5	5		
92/ 91						.0	.1			.0	.1							13	13		
90/ 89					.0	.1	.2	.2	.1	.1	.0			.0				59	59		
88/ 87					.1	.3	.3	.4	.2	.1	.1		.1		.0			126	126		
86/ 85			.0	.2	.6	.7	.6	.5	.2	.1	.1	.1	.1	.0				238	238		
84/ 83			.1	.7	.7	.6	.7	.5	.3	.2	.1	.1	.1	.0				303	303		
82/ 81		.0	.6	.5	.6	.8	.8	.6	.3	.2	.2	.1	.1					370	370	7	
80/ 79	.0	.3	1.2	.7	.8	.8	.6	.5	.3	.2	.2	.2	.0					438	438	64	8
78/ 77	.1	1.0	.8	.7	.8	.3	.6	.3	.3	.4	.2	.1						412	412	263	72
76/ 75	.3	1.3	1.3	1.2	.6	.6	.4	.4	.4	.3	.1							512	512	366	276
74/ 73	1.1	1.5	1.9	1.0	.4	.4	.3	.4	.3	.3	.1							567	567	546	369
72/ 71	1.5	1.9	2.0	.5	.5	.2	.4	.2	.2	.2	.0							570	570	640	482
70/ 69	1.0	2.3	1.9	.5	.7	.5	.4	.3	.2	.0	.0							584	584	670	546
68/ 67	.6	2.1	2.0	.8	.6	.6	.4	.2	.1	.0								551	551	639	537
66/ 65	.5	2.4	1.2	1.0	.7	.4	.3	.1	.0									488	488	568	658
64/ 63	.5	2.1	.7	1.0	.6	.6	.1	.1										430	430	539	480
62/ 61	.5	1.5	.9	.8	.8	.3	.1	.1										383	383	509	489
60/ 59	.1	1.8	1.4	.8	.6	.1	.1											367	367	525	428
58/ 57	.2	1.2	1.2	.7	.5	.0	.0											285	285	484	416
56/ 55	.1	1.2	.9	.7	.2	.1												234	234	434	372
54/ 53	.0	1.0	.8	.4	.1	.0												179	179	387	360
52/ 51	.0	.6	.6	.3	.1													129	129	286	367
50/ 49		.4	.6	.2														89	89	214	336
48/ 47	.0	.3	.3	.1														51	51	129	296
46/ 45		.1	.2	.0														22	22	82	297
44/ 43		.1	.1															12	12	34	226
42/ 41		.1	.1															10	10	27	140
40/ 39		.1	.0															10	10	13	107
38/ 37			.0															1	1	11	89
36/ 35																				1	61
34/ 33																					21
32/ 31																					8
30/ 29																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	6.7	23.2	21.2	12.6	9.9	7.7	6.5	4.7	3.0	2.2	1.2	.6	.4	.1	.0			7438	7438	7438	7438

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	42747659	545875	73.4	19.004	7438							
Dry Bulb	36900284	518864	69.8	9.737	7438			474.9	304.4	135.5	.5	744
Wet Bulb	30828932	474700	63.8	8.467	7438			319.6	124.6	2.2		744
Dew Point	27388407	444857	59.8	10.255	7438		.9	228.5	71.9			744

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.3															3	3		
78/ 77		.6	.6															10	10	4	
76/ 75	.4	.4	1.1	.2														20	20	10	8
74/ 73	.2	1.6	1.6	.1														31	31	11	15
72/ 71	.2	1.6	1.1	.1														27	27	33	17
70/ 69	.7	2.6	1.7	.3														47	47	37	36
68/ 67	1.3	2.3	1.8	.4														53	53	48	46
66/ 65	1.4	3.7	.3	.3														52	52	45	46
64/ 63	.9	2.1	.9	.6	.4													44	44	55	49
62/ 61	.7	2.8	1.2	.6	.3		.1											51	51	41	39
60/ 59	.7	2.3	1.9	.6	.3	.2	.1											55	55	45	38
58/ 57	.4	2.7	1.6	.8	.4													53	53	36	38
56/ 55	.4	3.1	1.2	.9	.2	.1												54	54	53	41
54/ 53		2.0	2.1	1.4	.6													55	55	52	36
52/ 51		3.1	3.3	1.4		.1												72	72	39	44
50/ 49	.1	2.6	2.9	.8	.2	.2												61	61	73	46
48/ 47	.1	1.6	1.9	1.0	.3	.1	.1											46	46	74	48
46/ 45	.3	1.8	1.9	1.4		.2												51	51	48	51
44/ 43		.7	1.7	1.3														33	33	43	52
42/ 41	.1	1.2	1.1	1.0														31	31	35	58
40/ 39		.7	1.4	.1														20	20	40	40
38/ 37	.2	.6	.4	.1														12	12	38	27
36/ 35			.8	.1														8	8	17	27
34/ 33			.4															4	4	4	24
32/ 31			.6															5	5	8	22
30/ 29			.2															2	2	6	21
28/ 27																				5	6
26/ 25																					8
24/ 23																					7
22/ 21																					2
20/ 19																					8
TOTAL	8.3	39.8	34.0	13.7	2.9	1.0	.3												900		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6153768	73596	81.8	12.280	900							
Dry Bulb	2990742	51024	56.7	10.442	900		.7	19.1	6.4	.3		90
Wet Bulb	2715920	48432	53.8	11.043	900		1.9	14.3	2.5			90
Dew Point	2491141	45929	51.0	12.800	900		7.4	12.2	2.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81			.1															1	1		
80/ 79			.2															2	2		
78/ 77		.3	.6															8	8	2	
76/ 75	.3	.4	.7	.2														15	15	7	7
74/ 73	.2	.9	1.7	.2														27	27	12	11
72/ 71	.6	2.4	1.9															44	44	26	17
70/ 69	1.3	2.4	1.4															47	47	59	47
68/ 67	.6	1.3	1.0															26	26	34	43
66/ 65	1.0	4.0	.7	.7														57	57	38	36
64/ 63	.4	1.7	1.3	.2	.2													35	35	46	46
62/ 61	1.2	1.4	1.3	.3	.2													41	41	39	37
60/ 59	1.0	3.4	1.4	.2	.3	.1												59	59	37	32
58/ 57	1.0	3.0	.7	1.0	.3	.1												55	55	48	41
56/ 55	.2	2.7	.8	1.1	.3													46	46	46	33
54/ 53	.4	2.2	1.6	1.6	.2													54	54	45	48
52/ 51	.3	2.7	2.4	.3	.6													57	57	49	38
50/ 49	.4	3.0	3.9	.4	.3													73	73	49	42
48/ 47		1.4	1.4	.4	.1													31	31	78	36
46/ 45	.3	3.8	2.6	.3	.7													69	69	50	61
44/ 43		1.7	1.8	.6	.2	.1												39	39	60	53
42/ 41	.1	1.2	2.4	.8	.2													43	43	35	63
40/ 39		1.4	.9	.1														22	22	41	40
38/ 37	.3	.8	1.1															20	20	41	31
36/ 35		.2	1.0															11	11	19	32
34/ 33			.7															6	6	16	31
32/ 31		.3	.2															5	5	5	18
30/ 29		.3	.2	.1														6	6	10	18
28/ 27		.1																1	1	4	15
26/ 25																				4	15
24/ 23																					2
22/ 21																					4
20/ 19																					6
18/ 17																					1
16/ 15																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	9.9	43.3	34.0	8.7	3.8	.3													900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6300902	74568	82.9	11.682	900							
Dry Bulb	2880507	49947	55.5	10.992	900		1.2	17.0	5.3	.2		9
Wet Bulb	2632180	47572	52.9	11.439	900		2.3	14.0	2.1			9
Dew Point	2424943	45225	50.3	13.019	900		8.0	12.5	1.8			9

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69.72-80 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
80/ 79			.1															1	1		
78/ 77		.2	.8															9	9		
76/ 75	.3	.9	1.2	.3														25	25	7	4
74/ 73	.2	.4	1.3	.3														21	21	17	13
72/ 71	.4	2.6	1.6															41	41	31	26
70/ 69	1.0	3.3	.9															47	47	53	41
68/ 67	1.1	2.1	.8	.3														39	39	45	58
66/ 65	.4	2.6	.4	.2														33	33	29	28
64/ 63	.7	3.3	1.2	.2														49	49	38	33
62/ 61	.8	2.6	.8	.6	.1													43	43	40	40
60/ 59	1.1	4.0	1.3	.8	.1	.1												67	67	48	30
58/ 57	.3	2.1	.7	.9	.3													39	39	47	52
56/ 55	.9	3.2	2.1	.4	.3													63	63	46	41
54/ 53	.1	2.1	1.6	1.3														46	46	45	41
52/ 51	.3	1.9	2.4	1.0	.7													57	57	52	38
50/ 49	.2	2.4	3.6	.8	.3													66	66	46	38
48/ 47		1.3	2.2	.9	.3													43	43	61	36
46/ 45	.3	2.0	2.2	.4	.2		.1											48	48	57	56
44/ 43		2.3	1.2	1.2	.1													44	44	51	44
42/ 41	.1	1.6	2.4	.3	.1													41	41	48	53
40/ 39	.1	.4	1.0	.1	.1													16	16	36	38
38/ 37		1.3	.7	.2														20	20	36	44
36/ 35	.1	1.1	.8															18	18	17	29
34/ 33		.4	.8															11	11	21	35
32/ 31		.6	.1															6	6	12	25
30/ 29			.2	.1														3	3	10	14
28/ 27		.2		.2														4	4	2	11
26/ 25																				2	16
24/ 23																				2	5
22/ 21																				1	6
20/ 19																					1
16/ 15																					1
12/ 11																					1
10/ 9																					2

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	8.7	45.1	32.4	10.8	2.8	.1	.1												900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6327996	74752	83.1	11.518	900							
Dry Bulb	2886682	49964	55.5	11.207	900		1.3	18.3	5.6			9
Wet Bulb	2641797	47615	52.9	11.683	900		2.9	15.3	2.4			9
Dew Point	2439750	45312	50.3	13.276	900		8.2	14.2	1.7			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85					.1	.1			.1	.1								4	4		
84/ 83			.1	.1	.3	.2												7	7		
82/ 81			.1	1.1	.4	.7	.2	.2	.1									26	26		
80/ 79		.1	.7	1.1	.8	.7	.4	.1										35	35	1	
78/ 77	.1	.1	1.4	2.1	1.1	.4	.4	.1										53	53	7	4
76/ 75	.1	1.0	1.7	.8	1.0	1.1	.2		.1									54	54	27	3
74/ 73	.2	.6	1.3	1.3	1.0	.6	.2	.2										49	49	52	29
72/ 71	.2	1.8	1.8	.6	1.1	.6	.3	.2			.1							60	60	60	46
70/ 69	.1	1.6	1.4	.6	1.0	1.3	.1	.2	.2	.1								60	60	49	59
68/ 67		1.0	1.3	.4	1.1	.2	.9	.3	.3	.1								52	52	58	35
66/ 65	.2	1.1	.8	1.0	.4	.6	.7	.2	.2									47	47	56	51
64/ 63	.2	.6	.9	.8	.3	1.2	.9	.2										46	46	38	42
62/ 61	.3	1.0	.8	.7	1.3	1.1	.4	.7										57	57	41	45
60/ 59	.1	.7	1.2	.9	1.0	.7	.6	.6										51	51	44	38
58/ 57	.1	1.0	1.4	1.3	1.1	.7	.3	.1	.2									57	57	41	37
56/ 55		.8	.4	1.7	1.1	.6	.3	.1	.1									46	46	51	34
54/ 53		.1	1.6	.9	.9	.6	.2	.2										40	40	55	45
52/ 51	.2	.3	.8	.8	.8	.3												29	29	51	33
50/ 49		.4	.4	1.1	1.1	.3	.3											34	34	61	22
48/ 47		.1	.4	.8	.4													16	16	40	45
46/ 45	.1	.1	.9	1.1	.1	.2	.2											25	25	38	49
44/ 43		.3	1.0	.4	.6	.1	.1											23	23	27	37
42/ 41		.3	1.1	.1	.1													15	15	32	3[illegible]
40/ 39		.1	.7															7	7	39	35
38/ 37		.1		.2														3	3	11	39
36/ 35	.2	.1																3	3	12	28
34/ 33				.1														1	1	7	40
32/ 31																				1	30
30/ 29																				1	9
28/ 27																					8
26/ 25																					6
24/ 23																					6
22/ 21																					7
20/ 19																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
16/ 15																						1
14/ 13																						1
12/ 11																						2
TOTAL	2.3	13.3	22.3	20.0	17.3	12.2	7.0	3.6	1.4	.3	.1									900		900
																			900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4462717	61489	68.3	17.062	900							
Dry Bulb	3765187	57351	63.7	11.091	900			40.0	22.8	5.1		90
Wet Bulb	3101636	51862	57.6	11.217	900		.2	25.4	8.7			90
Dew Point	2640063	47095	52.3	13.979	900		7.4	17.6	3.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
88/ 87						.1	.1				.2	.1						5	5		
86/ 85					.1	.8	.7	.7		.3								23	23		
84/ 83				.4	1.1	1.6	.9	.7	.6									47	47		
82/ 81				.6	1.3	1.8	1.0	1.2	.3									56	56		
80/ 79			.1	1.1	1.1	1.6	.9	.6	.2		.1							51	51		
78/ 77			.8	1.0	1.2	2.1	2.6	.2	.2	.4								77	77	6	
76/ 75		.2	.6	1.2	1.1	.3	1.1	.7	.1	.2		.3						53	53	29	5
74/ 73		.2	.4	.9	.8	.2	1.2	1.3	.4	.1	.1	.2						54	54	59	11
72/ 71		.3	.7	.4	.4	1.1	1.2	.9	.7	.8	.1							60	60	59	33
70/ 69		.1	1.1	.4	1.2	.6	1.0	.6	.8	.6	.3							60	60	67	55
68/ 67		.1	.8	.3	.8	.7	.6	1.2	.4	.4								48	48	64	43
66/ 65		.1		.1	.4	.8	1.0	1.3	.4	.2								40	40	47	60
64/ 63	.2	.3	.3	.8	.6	.7	.9	.7	.7	.2								48	48	36	34
62/ 61		.2	.4	.3	1.1	.6	.6	.8	.7	.1								43	43	53	56
60/ 59		.8	.4	.4	1.2	.7	.7	.3	.6	.3								49	49	44	32
58/ 57	.1	.3	.6	.6	.4	.7	.2	.7	.1									33	33	53	34
56/ 55		.1	.7	.8	.7	.4	.9	.1										33	33	45	47
54/ 53	.4	.1	1.1	.8	.1	.7	.3	.4	.1									37	37	67	43
52/ 51		.6	.2	.6	.3	.6	.2	.1										23	23	55	30
50/ 49		.2	.1	.4	.4	.2	.2											15	15	53	37
48/ 47		.1	.1	.8		.2												11	11	37	50
46/ 45		.2	.7	.9	.1	.2	.1											20	20	29	38
44/ 43		.1	.4	.1														6	6	42	24
42/ 41				.2														2	2	18	38
40/ 39		.1	.1															2	2	21	42
38/ 37		.1																1	1	10	29
36/ 35	.2	.1																3	3	6	28
34/ 33																					26
32/ 31																					31
30/ 29																					18
28/ 27																					18
26/ 25																					9
24/ 23																					6
22/ 21																					9

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					7
18/ 17																					2
16/ 15																					2
14/ 13																					2
12/ 11																					1
TOTAL	1.0	4.6	9.7	13.2	14.7	16.4	16.3	12.4	6.3	3.8	.9	.7							900		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3224553	51393	57.1	17.956	900							
Dry Bulb	4304997	61449	68.3	11.035	900			53.4	36.6	15.5		90
Wet Bulb	3231286	53092	59.0	10.511	900			28.4	9.4			90
Dew Point	2539821	46105	51.2	14.070	900		10.5	14.7	1.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (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
88/ 87											.1	.1						2	2		
86/ 85						.4	.3	.6	.1	.1		.1						15	15		
84/ 83				.2	.2	.6	.4	.7	.1	.1								21	21		
82/ 81			.2	.6	1.7	1.3	.3	.9	.3	.2								50	50		
80/ 79		.1	.1	1.8	.7	1.3	1.0	.6	.1	.1	.2							54	54		
78/ 77			.7	1.7	2.0	1.2	.3	.4	.2									59	59	6	
76/ 75			.8	1.7	1.0	1.2	.7	.4		.3	.3	.3						61	61	13	6
74/ 73		.2	.6	.9	.8	1.1	.9	1.0	.2	.1	.1	.1						54	54	63	5
72/ 71		.3	1.3	.9	.7	.4	.8	.2	.9	.4	.1							55	55	55	36
70/ 69		.1	1.8	1.1	.8	1.2	.7	1.4	1.3	.7	.1							83	83	50	50
68/ 67		.2	1.0	.7	.9	.4	1.1	1.0	.8	.1	.1							57	57	67	42
66/ 65	.2		.8	.6	1.1	1.2	1.3	.8	.4	.3								58	58	55	47
64/ 63		.1	.6	.7	.3	.6	.7	.3	.8	.2								38	38	44	54
62/ 61		.8	.2	.4	.7	.7	1.1	.3	.7	.4								48	48	47	45
60/ 59		.6	.7	.8	.3	.4	1.1	1.0	.3									47	47	51	35
58/ 57		.1	.3	.7	.4	.6	.1	1.1	.2									32	32	45	40
56/ 55	.2	.4	1.3	.6	.8	.7	.7	.2	.1									45	45	62	32
54/ 53		.7	.6	1.0	.1	.3	.3	.3	.1									31	31	63	48
52/ 51		.1	.4	.3	.8	.3	.1	.1										20	20	56	41
50/ 49		.3	.4	.6	.3	.7	.3	.1										25	25	41	38
48/ 47	.1	.6	.1	.6	.2	.2												16	16	50	30
46/ 45	.1	.3	.4	.3														11	11	39	35
44/ 43		.1	.3	.4														8	8	38	44
42/ 41			.2	.1														3	3	15	40
40/ 39			.1															1	1	25	36
38/ 37	.1	.2																3	3	11	37
36/ 35																				1	31
34/ 33		.1																1	1		19
32/ 31	.1																	1	1	2	27
30/ 29		.1																1	1		18
28/ 27																				1	28
26/ 25																					12
24/ 23																					5
22/ 21																					8

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
20/ 19																					8
18/ 17																					2
16/ 15																					1
14/ 13																					2
12/ 11																					
TOTAL	.9	5.6	13.0	16.4	13.8	15.0	12.0	11.6	6.8	3.2	1.1	.7						900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3415988	5279	58.7	18.847	900							
Dry Bulb	4167721	60491	67.2	10.651	900		.2	51.1	31.6	11.3		9
Wet Bulb	3169019	52591	58.4	10.328	900		.3	25.4	8.2			9
Dew Point	2505264	45782	50.9	14.007	900		10.9	13.9	1.1			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
86/ 85							.1											1	1		
84/ 83							.2											2	2		
82/ 79				.1														1	1		
76/ 77		.4	1.2	.1	.6		.2											23	23	2	
76/ 75	.2	.8	2.0	.8	.1	.1	.1											37	37	6	5
74/ 73		1.6	2.7	.6	.2	.4	.1											50	50	28	8
72/ 71		1.7	2.9	.9	.6	.1	.1											56	56	32	26
70/ 69	.7	1.5	2.5	1.1	.7	.1	.1			.1								60	60	72	52
68/ 67	.3	1.0	3.5	.9	.4	.2	.2											59	59	34	55
66/ 65	.1	2.7	1.1	1.2	.2	.3		.2		.1								54	54	53	37
64/ 63	.3	1.5	1.1	1.0	.3	.6	.2	.2										47	47	70	39
62/ 61	.3	1.3	1.9	.6	.8	.8	.3		.2									56	56	42	66
60/ 59		.7	3.0	.8	1.2	.3	.3		.1									58	58	36	31
58/ 57		1.0	1.7	1.6	1.9	1.0	.3	.2										69	69	47	39
56/ 55		1.2	2.0	2.2	.8	.7	.6											67	67	44	36
54/ 53		1.0	1.2	2.5	1.1	.7	.1	.1										60	60	44	41
52/ 51	.2	.8	.8	1.0	1.0	.9	.2											44	44	70	36
50/ 49	.1	.4	1.1	1.0	.9	.2												34	34	71	35
48/ 47	.2	.3	1.2	.3	.6	.3	.1											28	28	50	53
46/ 45		.3	1.6	.7	.7	.3												32	32	43	39
44/ 43		.7	1.1	.4	.2													22	22	36	44
42/ 41		.4	.8	.7	.3	.1												21	21	43	43
40/ 39			.3	.2														5	5	27	4
38/ 37		.3		.2														5	5	20	38
36/ 35				.2														2	2	15	36
34/ 33																				3	16
32/ 31		.2																2	2	3	24
30/ 29		.1																1	1	4	18
28/ 27																				1	13
26/ 25																					15
24/ 23																					7
22/ 21																					5
20/ 19																					5
16/ 15																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

12906 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

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 Poi
12/ 11																					1
TOTAL	2.6	20.0	33.7	19.1	12.6	7.3	3.5	.8	.3	.2									896		896
																		896		896	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5024994	65552	73.2	16.001	896							
Dry Bulb	3362203	54153	60.4	9.987	896		.3	29.0	11.5	.3		9
Wet Bulb	2883139	49913	55.7	10.71	896		.8	17.5	3.6			9
Dew Point	2516192	45938	51.3	13.410	896		8.9	14.6	1.4			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

12906 STATION | ELLINGTON AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Poi
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
86/ 85							.2											2	2		
76/ 77		.7		.1	.3													10	10		
76/ 75	.3	.8	1.7															25	25	9	6
74/ 73	.3	.8	2.3															31	31	19	12
72/ 71		1.8	1.4															29	29	30	21
70/ 69	.6	2.1	1.8	.4	.1													45	45	40	35
68/ 67	1.7	2.2	3.6	.3	.2													72	72	52	48
66/ 65	1.0	2.5	2.0	.6	.2	.1												57	57	43	52
64/ 63	.6	3.2	2.0	.2	.4	.1			.1									60	60	58	40
62/ 61	1.0	1.8	1.7	.2	.4	.1		.2										49	49	63	56
60/ 59	.2	1.8	2.2	.6	.2	.1												46	46	43	42
58/ 57		1.8	2.8	.6	1.2	.1												58	58	35	46
56/ 55		1.9	2.2	2.3	.8	.1		.1										67	67	45	31
54/ 53		.7	2.6	2.1	.4	.2	.2											56	56	49	43
52/ 51		2.5	4.0	.6	.3	.6												71	71	40	41
50/ 49		1.3	1.4	1.6	.6	.3												47	47	85	37
48/ 47	.1	.7	1.1	1.4	.8													37	37	65	53
46/ 45	.2	.6	1.1	1.7	.2													34	34	32	48
44/ 43		.9	1.0	1.3														29	29	35	46
42/ 41		.8	1.1	1.2	.2													30	30	43	43
40/ 39		.9	.2	.4	.2													16	16	47	29
38/ 37		.9	.7	.6														19	19	24	28
36/ 35		.1																1	1	19	31
34/ 33				.2														2	2	11	32
32/ 31			.1															1	1	4	22
30/ 29		.2	.1															3	3	1	23
28/ 27																				5	9
26/ 25																					11
24/ 23																					7
22/ 21																					3
20/ 19																					5
18/ 17																					2
TOTAL	6.0	30.8	37.2	16.5	6.8	1.8	.4	.3	.1									897	897		897
																		897		897	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5750674	70760	78.9	13.724	897							
Dry Bulb	3092829	51869	57.8	10.216	897		.4	21.5	6.8	.2		9
Wet Bulb	2759933	48777	54.4	10.956	897		1.0	15.1	2.8			9
Dew Point	2491952	45794	51.1	13.113	897		8.2	12.1	1.8			9

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
88/ 87						.0	.0				.0	.0						7	7		
86/ 85					.0	.2	.2	.2	.0	.1		.0						45	45		
84/ 83			.0	.1	.2	.3	.2	.2	.1	.0								77	77		
82/ 81			.1	.3	.4	.5	.2	.3	.1	.0								136	136		
80/ 79		.0	.2	.5	.3	.4	.3	.2	.0	.0	.0							144	144	1	
78/ 77	.0	.3	.8	.6	.7	.5	.4	.1	.1	.1								249	249	27	4
76/ 75	.2	.6	1.2	.7	.4	.3	.3	.1	.0	.1	.0	.1						290	290	108	45
74/ 73	.2	.8	1.5	.5	.3	.3	.3	.3	.1	.0	.0	.0						317	317	261	104
72/ 71	.2	1.6	1.6	.4	.3	.3	.3	.2	.2	.2	.0							372	372	326	221
70/ 69	.5	1.7	1.6	.5	.5	.4	.2	.3	.3	.2	.1							449	449	427	373
68/ 67	.6	1.3	1.7	.4	.4	.2	.3	.3	.2	.1	.0							406	406	402	370
66/ 65	.6	2.1	.8	.6	.3	.4	.3	.3	.1	.1								398	398	366	357
64/ 63	.4	1.6	1.0	.6	.3	.4	.3	.2	.2	.1								367	367	385	337
62/ 61	.5	1.5	1.0	.5	.6	.4	.3	.3	.2	.1								388	388	366	386
60/ 59	.4	1.8	1.5	.6	.6	.3	.3	.2	.1	.0								432	432	348	276
58/ 57	.3	1.5	1.2	.9	.8	.4	.1	.3	.1									396	396	352	321
56/ 55	.2	1.7	1.3	1.3	.6	.3	.3	.1	.0									421	421	392	295
54/ 53	.1	1.1	1.5	1.4	.4	.3	.2	.1	.0									379	379	420	345
52/ 51	.1	1.5	1.8	.8	.6	.3	.1	.0										373	373	412	301
50/ 49	.1	1.3	1.7	.8	.5	.3	.1	.0										355	355	479	295
48/ 47	.1	.8	1.1	.8	.3	.1	.0											228	228	455	351
46/ 45	.2	1.1	1.4	.9	.3	.1	.1											290	290	336	377
44/ 43		.8	1.1	.7	.1	.0	.0											204	204	332	343
42/ 41	.0	.7	1.2	.6	.1	.0												186	186	269	365
40/ 39	.0	.5	.6	.1	.0													89	89	276	306
38/ 37	.1	.5	.4	.2														83	83	191	273
36/ 35	.1	.2	.3	.0														46	46	106	236
34/ 33		.1	.2	.0														25	25	62	223
32/ 31	.0	.1	.1															20	20	35	199
30/ 29		.1	.1	.0														16	16	32	139
28/ 27		.0		.0														5	5	18	108
26/ 25																				6	90
24/ 23																				2	45
22/ 21																				1	44

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (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
20/ 19																					44
18/ 17																					7
16/ 15																					6
14/ 13																					4
12/ 11																					7
10/ 9																					2
TOTAL	5.0	25.3	27.0	14.8	9.3	6.8	5.0	3.6	1.9	.9	.3	.2						7193	7193	7193	7193

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	40661592	524902	73.0	18.105	7193							
Dry Bulb	27450868	436248	60.6	11.750	7193		4.1	249.4	126.6	32.9		723
Wet Bulb	23134912	399854	55.6	11.232	7193		9.4	155.4	39.7			723
Dew Point	20049126	367180	51.0	13.474	7193		69.6	111.8	15.3			723

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (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
78/ 77			.2															2	2		
76/ 75			.1															1	1		
74/ 73		.1																1	1	3	
72/ 71	.2	1.0	.2															13	13	7	5
70/ 69	.2	2.0	1.1															31	31	13	15
68/ 67	.4	1.2	1.0	.4					.1									29	29	27	21
66/ 65	.5	2.2	1.5															39	39	25	23
64/ 63	.2	1.8	.5			.1		.1										26	26	32	28
62/ 61	.8	2.5	.4			.1	.1											36	36	38	27
60/ 59	.5	2.2	1.4	.1	.1	.1	.1											42	42	38	41
58/ 57	.8	2.7	1.1	.5	.2	.3												52	52	32	42
56/ 55	.9	2.2	.5	1.0	.1	.2												45	45	43	29
54/ 53	.5	2.5	1.9	.9	.5	.2												61	61	35	37
52/ 51	.9	3.1	2.0	1.0	.2	.2												69	69	52	35
50/ 49	.8	3.2	1.5	1.2	.4													66	66	70	41
48/ 47	.6	4.6	1.7	1.0	.8	.1												82	82	67	51
46/ 45	.2	2.7	1.6	1.3	.3	.2												59	59	78	59
44/ 43	.1	2.4	2.2	1.7	.4	.2												65	65	54	51
42/ 41	.4	1.1	3.1	1.5														57	57	51	57
40/ 39	.8	2.9	2.8	.6	.2													68	68	68	58
38/ 37	.5	1.0	2.0	.8														40	40	86	45
36/ 35		.8	.8	.5														19	19	45	49
34/ 33		.2	.8	.2														11	11	27	57
32/ 31	.1	.3	.4	.5														13	13	13	40
30/ 29		.1	.2															3	3	13	44
28/ 27																				10	23
26/ 25																				3	16
24/ 23																					3
22/ 21																					13
20/ 19																					7
18/ 17																					9
16/ 15																					4
TOTAL	9.5	42.6	29.1	13.2	3.3	1.8	.2	.1	.1									930	930		930
																				930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6184269	74709	80.3	14.025	930							
Dry Bulb	2502598	47359	50.9	9.920	930		1.6	7.7	.4			93
Wet Bulb	2249464	44696	48.1	10.946	930		3.9	5.0	.3			93
Dew Point	2009383	41651	44.8	12.450	930		15.9	4.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
78/ 77			.3															3	3		
74/ 73			.1															1	1	3	
72/ 71		.3	.2															5	5	2	3
70/ 69	.3	1.9	.8	.1														29	29	11	11
68/ 67	.2	.9	1.1															20	20	20	15
66/ 65	.9	3.3	1.1	.2														51	51	31	29
64/ 63	.2	1.8	.4	.1														24	24	36	22
62/ 61	1.1	1.5	.6		.1													31	31	40	43
60/ 59	.3	3.1	.5															37	37	30	32
58/ 57	.8	2.4	.3	.1		.1												34	34	36	42
56/ 55	.5	2.5	.8	.5	.3	.1												44	44	26	24
54/ 53	1.3	2.7	1.2	.5	.5	.1												59	59	42	41
52/ 51	.9	2.6	3.1	.9	.5	.1												75	75	43	36
50/ 49	.5	1.4	1.1	.4	.2													34	34	52	36
48/ 47	.5	4.3	1.7	.4	.3													68	68	57	43
46/ 45	.2	5.4	3.1	1.2	.1													93	93	69	61
44/ 43	.5	2.4	2.4	1.3														61	61	84	47
42/ 41	.2	2.3	3.0	1.2	.2													64	64	62	59
40/ 39	.1	2.6	2.9	1.0	.3													64	64	53	55
38/ 37	1.1	2.4	2.4	.2	.1													57	57	76	61
36/ 35	.3	1.2	1.1	.2	.1													27	27	58	49
34/ 33		1.0	.9	.3	.1													21	21	42	47
32/ 31		.6	.8	.5														18	18	22	57
30/ 29		.2	.3															5	5	14	43
28/ 27		.2	.1															3	3	12	25
26/ 25		.2																2	2	6	14
24/ 23																				3	8
22/ 21																					1
20/ 19																					7
18/ 17																					13
16/ 15																					3
14/ 13																					3
TOTAL	10.0	47.1	30.2	9.2	3.0	.4												930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6384015	76123	81.9	12.839	930							
Dry Bulb	2377764	46052	49.5	10.237	930		2.8	5.8	.4			93
Wet Bulb	2159852	43704	47.0	10.684	930		5.7	3.6	.3			93
Dew Point	1946223	40925	44.0	12.506	930		18.3	2.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.3															3	3		
76/ 75			.1															1	1		
74/ 73		.1	.3															4	4	3	
72/ 71		.8	.3															10	10	6	3
70/ 69	.1	.8	1.3	.1														21	21	9	11
68/ 67	.3	1.2	.8	.2														23	23	16	14
66/ 65	.3	2.6	.6	.5														38	38	35	31
64/ 63	.5	1.6		.2														22	22	29	25
62/ 61	1.0	3.0	.4	.1	.1													43	43	34	28
60/ 59	.9	2.6	.8															39	39	45	41
58/ 57	1.4	2.4	.6	.2		.1												44	44	36	45
56/ 55	.9	1.8	1.4	.1	.1													40	40	38	25
54/ 53	.5	2.0	1.1	.4														38	38	32	38
52/ 51	.9	2.6	1.4	.5	.9													58	58	48	4[illegible]
50/ 49	.2	3.3	2.0	.9	.8													67	67	32	22
48/ 47	.3	2.7	1.9	1.0	.2													57	57	58	40
46/ 45	.6	4.6	1.8	.5	.1													72	72	67	55
44/ 43	.2	3.7	2.8	1.6			.1											78	78	73	55
42/ 41	.8	2.2	2.7	.1														53	53	76	56
40/ 39	.3	2.6	3.5	.3	.3													66	66	53	52
38/ 37	.3	4.2	1.6	.4	.1													62	62	63	56
36/ 35	.8	1.2	1.5	.4														36	36	72	59
34/ 33		1.2	.9	.9														27	27	33	50
32/ 31		1.1	.9															18	18	31	69
30/ 29		.2	.2															4	4	16	30
28/ 27		.3																3	3	17	25
26/ 25		.3																3	3	5	17
24/ 23																				3	8
22/ 21																					7
20/ 19																					7
18/ 17																					12
16/ 15																					5
14/ 13																					1
12/ 11																					3

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	10.3	48.9	29.4	8.6	2.6	.1	.1											930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6483554	76766	82.5	12.578	930							
Dry Bulb	2356124	45774	49.2	10.538	930		2.8	6.2	.8			9
Wet Bulb	2147844	43530	46.8	10.899	930		7.2	3.4	.3			9
Dew Point	1944983	40875	44.0	12.681	930		18.4	2.8				9

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

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.1														1	1		
80/ 79				.4	.2													6	6		
78/ 77			.3	.4	.3	.1												11	11		
76/ 75			.3	1.0	.6	.1	.1											20	20	2	
74/ 73		.2	1.4	.4	.5	.1												25	25	7	2
72/ 71	.1	.5	1.8	.8	.9	.3		.1										42	42	19	9
70/ 69	.3	.9	1.4	.6	.8	.1	.2											40	40	37	23
68/ 67	.3	1.5	1.2	.9	.5	.6	.1		.1									49	49	38	33
66/ 65		1.0	.6	.6		.4	.2	.1	.1	.1	.1							31	31	36	36
64/ 63	.3	1.4	1.3	.9	.2	.5	.3											46	46	43	33
62/ 61	.4	1.3	.4	1.1	1.1	.4	.4	.1										49	49	38	31
60/ 59	.8	1.0	1.0	1.1	.9	.5	.8	.2										57	57	40	44
58/ 57	.5	1.2	1.4	1.5	.8	.9	.5											63	63	41	38
56/ 55	.2	1.2	.9	1.1	1.4	1.2	.4	.2										61	61	43	35
54/ 53	.1	1.8	2.3	1.4	1.0	1.3	.4		.1									78	78	49	31
52/ 51	.5	2.6	1.9	1.2	1.5	.4	.3											79	79	64	40
50/ 49	.2	1.3	1.8	1.4	1.6	.4	.3	.1										67	67	83	44
48/ 47	.3	1.6	.9	1.2	1.4	.4	.1											55	55	70	69
46/ 45	.3	1.3	1.5	1.4	.5	.1	.2											50	50	81	52
44/ 43		.9	.8	.8	.3	.3												28	28	58	46
42/ 41			.5	.9	.6	.1												20	20	54	49
40/ 39		.6	1.0	.6	.4	.1												26	26	32	39
38/ 37	.3	.3	.1	.2	.1													10	10	35	37
36/ 35	.1	.1	.2	.2	.2													8	8	23	50
34/ 33		.1		.2	.1													4	4	18	40
32/ 31			.3	.1														4	4	8	41
30/ 29																				5	26
28/ 27																				5	21
26/ 25																				1	12
24/ 23																					8
22/ 21																					14
20/ 19																					4
18/ 17																					10
16/ 15																					5

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																					5
12/ 11																					3
TOTAL	4.9	20.8	23.3	20.4	16.0	8.6	4.5	.9	.3	.1	.1							930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	4951984	65786	70.7	17.923	930							
Dry Bulb	3077633	52653	56.6	10.198	930		.4	19.4	6.3	.2		93
Wet Bulb	2582045	48025	51.6	10.481	930		1.9	10.3	.9			93
Dew Point	2173689	43191	46.4	13.440	930		14.9	6.7	.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.2	.2	.5	.3											12	12		
80/ 79				.1	.6	.9	.6	.1										22	22		
78/ 77			.1	.2	1.0	1.2	.4	.1	.1	.1								30	30		
76/ 75			.6	1.0	1.2	1.1	.5	.2	.3	.1								47	47	4	
74/ 73			1.1	1.3	.9	1.5	.4	.2	.3		.1							54	54	4	1
72/ 71		.3	1.1	.3	1.0	1.5	.8	.6		.3								55	55	27	6
70/ 69	.3	.2	.4	.8	1.4	.6	.9	.3	.1	.5	.2							54	54	50	24
68/ 67		.8	.5	.3	1.0	.5	.8	.4	.5	.1	.1							47	47	47	27
66/ 65	.1	.8	.9	1.8	1.3	.8	.9	.9	.5	.1								74	74	40	29
64/ 63	.1	.1	.4	.9	1.0	1.0	1.5	.5	.5	.2								58	58	50	48
62/ 61	.3	.6	.3	.8	.5	.6	1.1	1.1	.5									55	55	46	44
60/ 59	.2	.5	.4	1.0	.6	1.3	1.6	1.2	.3									67	67	55	34
58/ 57	.2	.3	.3	.6	.6	.9	1.2	1.1	.2									51	51	51	41
56/ 55	.1	.8	1.2	.6	1.1	.9	1.5	1.2	.1									69	69	48	46
54/ 53	.1	1.2	.9	.8	.6	1.5	.6	.1	.1									55	55	55	27
52/ 51	.1	.9	.8	.4	1.6	1.0	.2	.1	.2									49	49	69	42
50/ 49	.2	1.1	.9	.4	.5	.8	.3	.1										40	40	68	52
48/ 47	.3	1.3	.4	.4	.4	.3	.2											32	32	80	50
46/ 45		.4	.3	.2	.2	.6	.1											18	18	62	47
44/ 43		.3	.3	.5	.2	.6												19	19	71	37
42/ 41			.4	.2	.5													11	11	31	44
40/ 39		.4	.1	.1	.3													9	9	20	33
38/ 37				.1	.1													2	2	23	37
36/ 35																				14	39
34/ 33																				10	47
32/ 31																				4	37
30/ 29																				1	35
28/ 27																					20
26/ 25																					22
24/ 23																					14
22/ 21																					17
20/ 19																					12
18/ 17																					6
16/ 15																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					4
12/ 11																					2
10/ 9																					2
TOTAL	3.2	10.0	11.5	13.1	17.0	18.1	14.0	8.3	4.0	1.5	.4								930		93
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3611609	54977	59.1	19.730	930							
Dry Bulb	3661770	57610	61.9	10.008	930			32.1	16.5	1.9		9
Wet Bulb	2800870	50200	54.0	9.905	930		.5	13.2	.8			9
Dew Point	2156649	42885	46.1	13.885	930		17.5	5.8	.1			7

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

12906 STATION | ELLINGTON AFB TX STATION NAME | 68-69,72-79 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
82/ 81						.2	.1											3	3		
80/ 79			.1	.1	.2	.3	.2											9	9		
78/ 77			.1	.9	.6	.9	.5	.2		.2								32	32		
76/ 75			.3	1.4	.6	.6	.5	.1	.3	.1								38	38	1	
74/ 73		.1	1.0	.9	.4	.9	.4	.4	.1		.1							40	40	6	1
72/ 71		.8	1.8	1.4	1.1	.5	.4	.3			.2							61	61	20	3
70/ 69	.1	.6	1.1	.8	1.3	.5	.8	.3	.3	.6	.1							61	61	40	25
68/ 67	.1	.4	.4	1.0	.9	.8	.4	.8	.3	.1	.2							50	50	55	26
66/ 65		.8	1.1	.9	1.6	1.2	.5	1.3	.4	.1	.1							74	74	38	41
64/ 63		.3	.9	.8	.6	1.3	.4	.6	1.0	.1								56	56	42	31
62/ 61	.4	.8	.9	1.1	1.1	.6	.6	1.2	1.0									71	71	46	38
60/ 59		.4	1.3	.9	1.1	.8	1.2	1.8	.6									75	75	57	37
58/ 57		.6	1.2	1.0	1.0	.6	1.5	1.4	.1									69	69	50	42
56/ 55		.9	1.2	.9	.8	1.1	1.5	.8										65	65	51	36
54/ 53		.6	.5	.4	.3	1.4	.8	.2	.2									42	42	71	42
52/ 51		1.4	1.1	.8	1.1	.4	.9		.2									54	54	69	52
50/ 49	.5	2.0	.6	.9	.3	.5		.1										47	47	67	53
48/ 47	.2	.8	.3	.1	.2	.9	.1											24	24	78	62
46/ 45		.9	.1	.1	.1	.5	.2											18	18	77	40
44/ 43		.4	.4	.6	.3	.5												22	22	71	43
42/ 41			.3	.1	.6	.1												11	11	20	32
40/ 39			.3		.2													5	5	24	38
38/ 37		.2																2	2	16	36
36/ 35		.1																1	1	16	28
34/ 33																				13	43
32/ 31																				2	38
30/ 29																					31
28/ 27																					31
26/ 25																					26
24/ 23																					19
22/ 21																					14
20/ 19																					16
18/ 17																					7
16/ 15																					2

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					4
12/ 11																					2
10/ 9																					1
TOTAL	1.4	12.2	15.1	14.7	14.5	14.7	11.2	9.6	4.6	1.3	.8							930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3756014	55932	60.1	20.546	930							
Dry Bulb	3584891	57077	61.4	9.389	930			29.4	12.2	.5		93
Wet Bulb	2765741	49931	53.7	9.564	930		.2	12.2	.7			93
Dew Point	2137965	42707	45.9	13.795	930		18.7	5.5	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
78/ 77			.3																3	3		
76/ 75			.2	.1															3	3		
74/ 73		.2	.8	.3															12	12	3	
72/ 71	.3	1.2	1.3	.2	.1														29	29	13	8
70/ 69		1.2	1.3	.5	.1			.1											30	30	20	18
68/ 67	.1	2.4	1.6	1.1	.3	.3													54	54	25	18
66/ 65	.9	1.5	1.4	.8	.3	.2	.2												49	49	46	41
64/ 63	.1	1.4	1.0	.3	.4	.3	.2	.2											37	37	33	32
62/ 61	.2	1.8	1.4	.6	.3	.2	.3	.1											47	47	40	22
60/ 59	.9	1.2	2.3	.9	.5	.6	.1	.2											62	62	52	45
58/ 57	.1	1.6	3.1	.6	1.0	.9	.1	.1											70	70	36	45
56/ 55	.1	2.5	2.3	1.2	.4	.2	.2	.2											66	66	57	24
54/ 53		1.4	2.2	1.4	1.2	1.5	.5		.1										77	77	58	45
52/ 51	.1	2.0	1.9	1.9	1.6	.6	.3												80	80	55	59
50/ 49	.4	1.9	1.5	2.4	1.4	.9	.4												83	83	75	46
48/ 47	.2	1.9	1.5	2.5	.8	.2		.1											67	67	63	54
46/ 45	.1	1.9	1.3	.8	1.2	.2	.1												52	52	73	54
44/ 43		1.0	1.6	1.4	.5		.1												43	43	83	43
42/ 41		.3	1.0	.9	.6	.1													27	27	60	48
40/ 39			1.1	.9	.5	.1													24	24	46	40
38/ 37		.1		.4	.1														6	6	32	50
36/ 35		.4		.2															6	6	30	47
34/ 33			.3																3	3	14	42
32/ 31																					11	32
30/ 29																					5	31
28/ 27																						27
26/ 25																						15
24/ 23																						15
22/ 21																						11
20/ 19																						5
18/ 17																						6
14/ 13																						2
12/ 11																						2
10/ 9																						1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					1
TOTAL	3.5	26.0	29.2	19.4	11.5	6.5	2.7	1.1	.1										930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5202979	67685	72.8	17.269	930							
Dry Bulb	2909949	51345	55.2	8.998	930			13.1	1.8			93
Wet Bulb	2489574	47242	50.8	9.831	930		1.6	6.1	.3			93
Dew Point	2120385	42751	46.0	12.928	930		14.9	4.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 68-69,72-79 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77			.3															3	3		
76/ 75			.3															3	3		
74/ 73																				3	
72/ 71	.3	1.4	.6															22	22	9	9
70/ 69	.1	.8	1.2					.1										20	20	19	13
68/ 67	.1	2.2	.9	.3														32	32	14	16
66/ 65	.5	1.8	1.2	.8			.1											41	41	34	25
64/ 63	.4	2.8	.5			.3												38	38	30	30
62/ 61	.9	2.2	1.0	.1	.1	.2		.1										42	42	50	36
60/ 59	.4	2.4	2.0	.3	.9	.1		.1										58	58	31	38
58/ 57	.4	2.0	1.7	.5	.3	.1	.1											49	49	36	38
56/ 55	.5	3.9	1.3	.6	.1	.3												63	63	50	30
54/ 53	.3	2.3	1.6	1.5	.4	.8	.1											65	65	68	43
52/ 51	.3	2.6	2.0	1.2	.2	.4												63	63	48	58
50/ 49	.8	1.6	2.3	2.9	.6	.2	.1											79	79	55	42
48/ 47	.3	4.3	2.7	1.1	.8	.3												88	88	63	40
46/ 45	.4	2.3	2.7	1.4	.4	.2												69	69	89	57
44/ 43		1.5	2.6	1.6	.1													54	54	79	62
42/ 41	.3	1.5	1.8	2.3	.3	.2												60	60	58	54
40/ 39	.1	.9	1.6	.1	.3													28	28	66	60
38/ 37	.2	.2	1.4	.8	.1													25	25	38	46
36/ 35	.1	.2	.9	.4	.1													16	16	39	51
34/ 33		.2	.2	.6														10	10	18	31
32/ 31		.2																2	2	20	38
30/ 29																				9	40
28/ 27																				4	25
26/ 25																					14
24/ 23																					6
22/ 21																					8
20/ 19																					9
18/ 17																					4
16/ 15																					3
14/ 13																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 68-69,72-79 YEARS | DEC MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	6.7	37.1	30.9	16.6	4.8	3.2	.4	.3										930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5865667	72537	78.0	14.964	930							
Dry Bulb	2647782	48856	52.5	9.350	930		.2	8.0	.6			93
Wet Bulb	2347313	45789	49.2	10.020	930		3.3	4.5	.3			93
Dew Point	2067643	42321	45.5	12.353	930		15.1	3.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (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
82/ 81				.0	.0	.1	.1											16	16		
80/ 79			.0	.1	.1	.1	.1	.0										37	37		
78/ 77			.3	.2	.2	.3	.1	.0	.0	.0								87	87		
76/ 75			.3	.4	.3	.2	.1	.0	.1	.0								113	113	7	
74/ 73		.1	.6	.4	.2	.3	.1	.1	.1		.0							137	137	32	4
72/ 71	.1	.8	.9	.3	.4	.3	.1	.1		.0	.0							237	237	103	46
70/ 69	.2	1.0	1.1	.4	.4	.2	.2	.1	.1	.1	.0							286	286	199	139
68/ 67	.2	1.3	.9	.5	.3	.3	.2	.1	.1	.0	.0							304	304	242	170
66/ 65	.4	1.7	1.0	.7	.4	.3	.2	.3	.1	.0	.0							397	397	285	255
64/ 63	.2	1.4	.6	.4	.3	.4	.3	.2	.2	.0								307	307	295	249
62/ 61	.6	1.7	.7	.5	.4	.3	.3	.3	.2									374	374	332	269
60/ 59	.5	1.7	1.2	.5	.5	.4	.5	.4	.1									437	437	348	310
58/ 57	.5	1.7	1.2	.6	.5	.5	.4	.3	.0									432	432	318	333
56/ 55	.4	1.9	1.2	.8	.5	.5	.5	.3	.0									453	453	356	243
54/ 53	.4	1.8	1.5	.9	.6	.8	.3	.0	.1									475	475	410	304
52/ 51	.5	2.2	1.8	1.0	1.0	.4	.2	.0	.1									527	527	448	356
50/ 49	.5	2.0	1.5	1.3	.7	.3	.1	.0										483	483	502	336
48/ 47	.4	2.7	1.4	1.0	.6	.3	.1	.0										473	473	536	409
46/ 45	.2	2.4	1.6	.9	.4	.2	.1											431	431	596	425
44/ 43	.1	1.6	1.6	1.2	.2	.2	.0											370	370	573	384
42/ 41	.2	.9	1.6	.9	.4	.1												303	303	412	399
40/ 39	.2	1.2	1.7	.5	.3	.0												290	290	362	375
38/ 37	.3	1.0	.9	.4	.1													204	204	369	368
36/ 35	.2	.5	.6	.3	.1													113	113	297	372
34/ 33		.3	.4	.3	.0													76	76	175	357
32/ 31	.0	.3	.3	.1														55	55	111	352
30/ 29		.1	.1															12	12	63	280
28/ 27		.1	.0															6	6	48	197
26/ 25		.1																5	5	15	136
24/ 23																				6	83
22/ 21																					94
20/ 19																					63
18/ 17																					67
16/ 15																					26

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					22
12/ 11																					12
10/ 9																					4
8/ 7																					1
TOTAL	6.1	30.6	24.8	14.4	9.1	6.7	4.1	2.5	1.1	.4	.2							7440	7440		7440
																				7440	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	42440091	544515	73.2	18.653	7440							
Dry Bulb	23118511	406721	54.7	10.903	7440		7.8	121.7	39.0	2.6		744
Wet Bulb	19542703	373113	50.1	10.571	7440		24.3	58.3	3.9			744
Dew Point	16556918	337306	45.3	13.038	7440		133.7	35.9	.4			744

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-70,72-80 (YEARS) ALL (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
102/101													.0					2	2		
100/ 99									.0	.0	.0	.0	.0					19	19		
98/ 97								.0	.0	.0	.0	.0						87	87		
96/ 95							.0	.1	.2	.1	.0	.0			.0			365	365		
94/ 93						.0	.1	.3	.3	.1	.0	.0	.0	.0				805	805		
92/ 91				.0	.0	.2	.5	.6	.3	.1	.0	.0	.0		.0			1429	1429		
90/ 89		.0		.0	.1	.6	.9	.6	.1	.1	.0	.0	.0	.0	.0			2222	2224		
88/ 87			.0	.1	.5	1.1	.7	.2	.2	.1	.0	.0	.0	.0	.0			2479	2479	1	1
86/ 85	.0	.0	.1	.5	1.0	1.0	.3	.3	.1	.1	.0	.0	.0	.0				2966	2966	8	2
84/ 83		.1	.4	1.0	.9	.5	.3	.2	.1	.1	.0	.0	.0	.0				3137	3140	90	7
82/ 81	.0	.2	1.0	1.2	.8	.5	.3	.2	.1	.1	.0	.0	.0	.0				3857	3858	1048	80
80/ 79	.0	.9	2.1	1.2	.7	.4	.2	.2	.1	.1	.1	.0	.0	.0				5260	5261	3624	611
78/ 77	.1	2.0	2.5	1.3	.7	.3	.3	.1	.1	.1	.0	.0	.0	.0				6325	6331	6723	2629
76/ 75	.3	2.2	2.4	1.0	.4	.3	.2	.2	.1	.1	.0	.0						6299	6310	8064	6229
74/ 73	.3	1.8	1.8	.8	.3	.3	.2	.2	.1	.1	.0	.0	.0					5141	5145	7671	8194
72/ 71	.4	1.7	1.7	.5	.3	.2	.2	.1	.1	.1	.0	.0						4653	4653	6272	8087
70/ 69	.3	1.5	1.7	.5	.3	.2	.2	.1	.1	.1	.0	.0						4314	4314	5366	6329
68/ 67	.2	1.4	1.3	.4	.3	.2	.2	.1	.1	.0	.0	.0						3740	3740	4621	5139
66/ 65	.2	1.8	.7	.5	.3	.2	.2	.1	.1	.0	.0							3581	3581	4290	4673
64/ 63	.2	1.3	.6	.4	.3	.2	.2	.1	.1	.0								3059	3059	4037	4247
62/ 61	.3	1.2	.6	.4	.3	.2	.1	.1	.1	.0								2984	2984	3398	3646
60/ 59	.2	1.2	.8	.4	.3	.2	.2	.1	.0	.0								2877	2877	3233	3091
58/ 57	.1	1.0	.7	.4	.3	.2	.1	.1	.0	.0								2632	2632	2950	2916
56/ 55	.2	1.1	.7	.4	.2	.2	.1	.1	.0									2630	2630	2914	2644
54/ 53	.1	.9	.7	.4	.2	.2	.1	.0	.0									2359	2359	2861	2710
52/ 51	.1	.9	.7	.4	.3	.1	.1	.0	.0									2184	2184	2712	2645
50/ 49	.1	.9	.6	.4	.2	.1	.0	.0										2076	2076	2632	2440
48/ 47	.1	.8	.5	.4	.2	.1	.0	.0										1792	1792	2466	2426
46/ 45	.1	.7	.6	.3	.1	.1	.0											1749	1749	2242	2319
44/ 43	.1	.6	.6	.4	.1	.0	.0											1547	1547	2054	2052
42/ 41	.1	.5	.6	.3	.1	.0	.0											1398	1398	1801	1954
40/ 39	.1	.4	.5	.2	.1	.0												1112	1112	1585	1879
38/ 37	.1	.5	.3	.1	.0	.0												870	870	1537	1763
36/ 35	.0	.3	.2	.1	.0													546	546	1171	1654

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12906 STATION | ELLINGTON AFB TX STATION NAME | 68-70,72-80 YEARS | ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
34/ 33	.0	.2	.2	.1	.0													431	431	790	1530
32/ 31	.0	.1	.2	.0	.0													327	327	502	1454
30/ 29	.0	.1	.1	.0														162	162	397	1042
28/ 27	.0	.0	.0	.0														87	87	258	794
26/ 25	.0	.0	.0															49	49	160	625
24/ 23	.0	.0	.0															22	22	65	407
22/ 21	.0	.0	.0															10	10	26	419
20/ 19		.0	.0															2	2	13	377
18/ 17																				4	217
16/ 15																					128
14/ 13																					84
12/ 11																					70
10/ 9																					49
8/ 7																					22
6/ 5																					1
TOTAL	3.6	26.3	24.8	13.9	9.5	7.6	5.7	4.1	2.4	1.2	.5	.2	.1	.0	.0				87614		87586
																		87586		87586	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	513424789	6537373	74.6	17.056	87586							
Dry Bulb	427455591	5988863	68.4	14.368	87614		65.8	5314.6	4044.0	2000.1	127.9	8760
Wet Bulb	362296519	5514473	63.0	13.131	87586		142.3	4353.3	2726.3	240.3		8760
Dew Point	326542805	5187399	59.2	14.849	87586		568.2	3735.0	1777.6	28.0		8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-70,72-80 (YEARS)

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	48.1	50.7	57.9	64.2	70.1	75.3	77.4	77.3	73.8	64.6	56.7	50.9	64.0
	S D	11.499	9.779	8.841	7.173	5.087	3.857	2.512	2.377	4.743	7.537	10.442	9.920	12.919
	TOTAL OBS	930	846	930	900	930	900	930	929	897	930	900	930	10952
03-05	MEAN	47.2	49.3	56.7	63.1	68.8	73.8	76.2	76.0	72.4	62.8	55.5	49.5	62.7
	S D	11.867	10.203	9.507	7.994	5.569	4.301	2.437	2.412	5.228	7.970	10.992	10.237	13.127
	TOTAL OBS	930	846	930	900	930	900	930	930	897	930	900	930	10953
06-08	MEAN	46.7	49.0	56.9	64.6	71.8	77.0	78.7	78.2	73.7	63.8	55.5	49.2	63.8
	S D	12.091	10.308	9.568	7.702	5.916	5.171	3.693	3.651	5.729	8.468	11.207	10.538	14.253
	TOTAL OBS	930	845	930	900	930	899	928	930	899	929	900	930	10950
09-11	MEAN	51.6	56.2	63.3	71.7	79.3	84.7	86.4	86.3	81.9	74.2	63.7	56.6	71.4
	S D	11.852	10.781	8.971	6.430	5.329	4.598	3.963	3.995	5.544	8.296	11.091	10.198	14.585
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	930	10955
12-14	MEAN	56.4	61.7	67.6	75.0	82.2	87.4	89.3	88.8	85.1	78.7	68.3	61.9	75.3
	S D	12.452	11.405	8.996	6.232	5.703	4.959	5.298	5.186	5.417	7.779	11.035	10.008	13.959
	TOTAL OBS	930	846	930	900	930	899	930	930	900	929	900	930	10954
15-17	MEAN	56.8	62.1	67.9	74.8	81.4	87.0	89.0	88.3	84.5	77.8	67.2	61.4	74.9
	S D	11.741	10.881	8.767	5.878	5.437	4.835	5.408	4.953	5.120	7.347	10.651	9.389	13.548
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
18-20	MEAN	51.8	56.3	62.8	69.5	76.0	81.9	83.9	83.1	78.5	69.8	60.4	55.2	69.2
	S D	10.786	9.483	8.007	5.856	4.990	4.562	4.317	3.913	4.799	6.955	9.987	8.998	13.300
	TOTAL OBS	930	846	930	900	930	900	927	930	899	930	896	930	10948
21-23	MEAN	49.5	52.6	59.6	66.0	72.0	77.0	79.0	78.9	75.0	66.5	57.8	52.5	65.6
	S D	11.014	9.163	8.126	6.392	4.637	3.713	2.732	2.566	4.534	7.100	10.216	9.350	12.690
	TOTAL OBS	930	846	930	898	930	900	927	930	899	930	897	930	10947
ALL HOURS	MEAN	51.0	54.7	61.6	68.6	75.2	80.5	82.5	82.1	78.1	69.8	60.6	54.7	68.4
	S D	12.232	11.368	9.815	8.123	7.267	6.795	6.352	6.136	7.054	9.737	11.750	10.903	14.368
	TOTAL OBS	7440	6767	7440	7197	7440	7198	7432	7438	7191	7438	7193	7440	87614



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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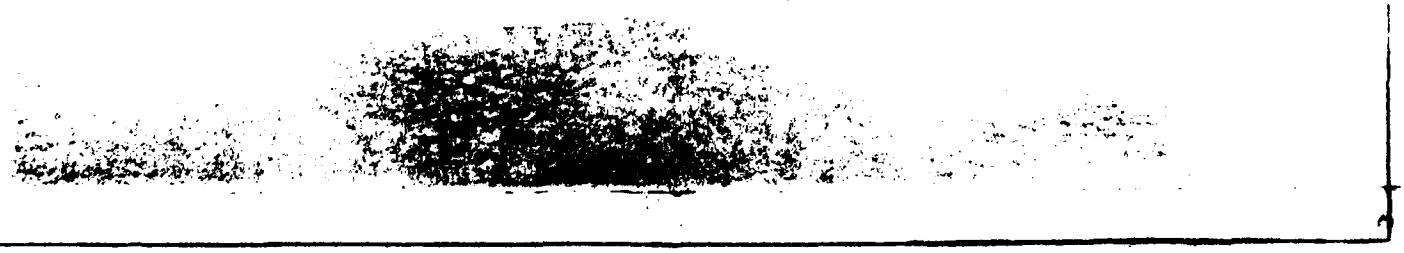
MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12906 (STATION) ELLINGTON AFB TX (STATION NAME) 68-70,72-80 (YEARS)

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	45.5	48.0	55.0	61.2	67.3	72.0	74.4	74.5	71.1	61.7	53.8	48.1	61.1
	S D	11.973	10.266	9.563	7.745	5.457	4.298	2.363	2.131	5.008	8.217	11.043	10.446	13.125
	TOTAL OBS	930	846	930	900	930	897	930	929	894	930	900	930	10946
03-05	MEAN	44.9	47.0	54.1	60.5	66.4	71.1	73.7	73.8	70.2	60.3	52.9	47.0	60.2
	S D	12.277	10.576	10.102	8.342	5.819	4.600	2.462	2.213	5.482	8.530	11.439	10.684	13.351
	TOTAL OBS	930	846	930	900	930	897	930	930	894	930	900	930	10947
06-08	MEAN	44.6	46.8	54.3	61.5	68.4	73.1	75.4	75.3	71.2	61.1	52.9	46.8	61.0
	S D	12.466	10.634	10.157	8.032	5.895	4.801	2.999	2.768	5.923	8.882	11.683	10.899	14.074
	TOTAL OBS	930	845	930	900	930	898	928	930	896	929	900	930	10946
09-11	MEAN	48.0	51.5	57.8	64.8	71.2	75.4	77.8	77.8	74.6	66.2	57.6	51.6	64.6
	S D	12.216	10.676	9.447	6.999	5.194	4.146	2.483	2.285	5.142	8.234	11.217	10.481	13.252
	TOTAL OBS	930	846	930	899	928	900	930	930	899	930	900	930	10952
12-14	MEAN	50.3	53.8	59.4	65.8	71.8	75.7	77.7	77.7	75.1	67.2	59.0	54.0	65.7
	S D	11.962	10.237	8.863	6.507	5.087	4.105	2.541	2.373	4.561	7.614	10.511	9.905	12.323
	TOTAL OBS	930	846	930	900	930	899	929	929	900	929	900	930	10952
15-17	MEAN	50.5	54.0	59.5	65.7	71.4	75.5	77.8	77.7	74.8	66.9	58.4	53.7	65.5
	S D	11.410	9.791	8.494	6.339	4.881	4.002	2.638	2.410	4.470	7.385	10.328	9.564	12.137
	TOTAL OBS	930	846	930	900	930	900	930	928	900	930	900	930	10954
18-20	MEAN	48.1	51.5	57.4	63.7	69.8	74.2	76.6	76.5	73.1	64.4	55.7	50.8	63.5
	S D	11.358	9.611	8.570	6.786	4.983	3.995	2.419	2.208	4.793	7.662	10.710	9.831	12.628
	TOTAL OBS	930	846	930	900	930	900	927	930	898	930	896	930	10947
21-23	MEAN	46.7	49.5	56.0	62.2	68.4	72.8	75.1	75.2	71.7	62.8	54.4	49.2	62.1
	S D	11.686	9.722	9.027	7.272	5.250	4.060	2.317	2.074	5.041	7.975	10.956	10.020	12.805
	TOTAL OBS	930	846	930	898	930	900	927	928	896	930	897	930	10942
ALL HOURS	MEAN	47.3	50.3	56.7	63.2	69.3	73.7	76.1	76.1	72.7	63.8	55.6	50.1	63.0
	S D	12.114	10.540	9.509	7.539	5.649	4.558	2.963	2.765	5.383	8.[illegible]67	11.232	10.571	13.131
	TOTAL OBS	7440	6767	7440	7197	7438	7191	7431	7434	7177	[illegible]38	7193	7440	87586

USAFETAC FORM JUL 64 0 89 5 (OLA)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13906 ELLINGTON AFB TX 68-70,72-80

STATION STATION NAME YEARS

HOUR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	42.2	45.1	52.2	59.0	65.7	70.3	73.0	73.2	69.7	59.5	51.0	44.8	58.9
	S D	14.236	12.247	11.547	8.991	6.229	5.019	2.779	2.431	5.697	9.559	12.800	12.450	14.589
	TOTAL OBS	930	846	930	900	930	897	930	929	894	930	900	930	10946
03-05	MEAN	41.9	44.3	51.7	58.5	65.0	69.6	72.4	72.7	69.0	58.4	50.3	44.0	58.2
	S D	14.365	12.334	11.835	9.422	6.411	5.171	2.879	2.417	6.042	9.689	13.019	12.506	14.703
	TOTAL OBS	930	846	930	900	930	897	930	930	894	930	900	930	10947
06-08	MEAN	41.7	44.2	51.9	59.3	66.6	71.3	74.0	74.0	69.9	59.1	50.3	44.0	58.9
	S D	14.441	12.305	11.861	9.297	6.620	5.354	3.200	2.866	6.520	10.015	13.276	12.641	15.270
	TOTAL OBS	930	845	930	900	930	898	928	930	896	929	900	930	10946
09-11	MEAN	43.6	46.6	52.9	60.0	66.7	71.1	74.3	74.4	71.2	61.0	52.3	46.4	60.1
	S D	15.038	13.253	12.413	9.774	7.164	5.586	2.987	2.963	6.474	10.703	13.979	13.440	15.078
	TOTAL OBS	930	846	930	899	928	900	930	930	899	930	900	930	10952
12-14	MEAN	43.7	46.3	52.6	59.6	66.2	70.3	72.9	73.2	70.4	59.8	51.2	46.1	59.4
	S D	15.366	13.323	12.563	9.844	7.403	5.912	3.140	3.209	6.370	11.103	14.070	13.885	14.978
	TOTAL OBS	930	846	930	900	930	899	929	929	900	929	900	930	10952
15-17	MEAN	43.7	46.1	52.4	59.4	66.0	70.2	73.2	73.4	70.2	59.7	50.9	45.9	59.3
	S D	15.066	13.302	12.470	10.067	7.233	5.885	3.284	3.333	6.491	11.102	14.007	13.795	15.020
	TOTAL OBS	930	846	930	900	930	900	930	928	900	930	900	930	10954
18-20	MEAN	43.6	46.4	52.5	59.5	66.3	70.6	73.5	73.7	70.5	60.6	51.3	46.0	59.6
	S D	14.209	12.406	11.702	9.447	6.589	5.383	2.791	2.643	6.039	9.870	13.410	12.924	14.599
	TOTAL OBS	930	846	930	900	930	900	927	930	898	930	896	930	10947
21-23	MEAN	43.2	46.1	52.7	59.5	66.3	70.7	73.4	73.5	70.0	60.2	51.1	45.5	59.4
	S D	14.105	11.960	11.389	8.954	6.317	4.914	2.756	2.449	5.981	9.660	13.113	12.353	14.463
	TOTAL OBS	930	846	930	898	930	900	927	928	896	930	897	930	10942
ALL HOURS	MEAN	42.9	45.6	52.4	59.3	66.1	70.5	73.3	73.5	70.1	59.8	51.0	45.3	59.2
	S D	14.623	12.678	11.981	9.486	6.775	5.435	3.035	2.852	6.235	10.255	13.474	13.038	14.849
	TOTAL OBS	7440	6767	7440	7197	7438	7191	7431	7434	7177	7438	7193	7440	87586

USAFETAC FORM JUL 64 0-89-5 (OLA)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	ELLINGTON AFS TX	69-72,73-80	JAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.7	99.1	94.4	89.0	76.0	61.3	27.5	80.8	93[illegible]
	03-05	100.0	100.0	100.0	99.5	95.6	91.0	80.5	65.8	30.3	82.2	93[illegible]
	06-08	100.0	100.0	100.0	99.5	97.2	93.2	83.4	66.0	31.7	83.1	93[illegible]
	09-11	100.0	100.0	99.6	96.6	88.4	80.2	65.3	47.8	19.9	75.6	93[illegible]
	12-14	100.0	99.8	95.2	84.3	73.8	62.4	44.9	26.4	8.1	65.5	93[illegible]
	15-17	100.0	99.4	94.1	82.0	72.4	60.1	44.9	27.4	7.1	64.6	93[illegible]
	18-20	100.0	99.9	99.4	96.9	89.7	77.4	64.9	46.7	15.5	75.[illegible]	93[illegible]
	21-23	100.0	100.0	99.7	98.8	95.5	86.8	73.[illegible]	58.[illegible]	26.1	79.7	93[illegible]
TOTALS		100.0	99.9	98.5	94.5	88.4	80.0	66.6	[illegible].4	2[illegible].8	75.9	744[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)



CL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
AI[illegible] WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1[illegible]	ELLINGTON AFB TX	6[illegible]	FEB
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.5	99.1	96.2	91.3	8[illegible].4	63.2	29.8	81.9	846
	03-05	100.0	100.0	99.9	98.8	97.5	92.9	83.[illegible]	66.8	32.6	83.4	846
	06-08	100.0	100.0	99.9	98.9	97.9	93.7	85.1	69.0	36.8	84.1	845
	09-11	100.0	99.9	98.1	92.4	85.9	74.3	6[illegible].5	4[illegible].0	14.3	72.3	846
	12-14	100.0	98.8	90.9	79.7	70.0	52.7	33.[illegible]	17.1	5.3	6[illegible].4	846
	15-17	100.0	97.5	89.1	78.6	67.6	50.8	33.[illegible]	13.4	6.[illegible]	59.7	846
	18-20	100.0	99.5	97.8	91.8	86.1	76.2	59.9	38.1	9.3	71.6	846
	21-23	100.0	99.6	99.1	98.1	93.9	88.4	77.3	57.8	22.0	79.5	846
TOTALS		100.0	99.4	96.8	92.2	86.9	77.5	64.1	40.3	19.5	74.1	6767

USAFETAC FORM JUL 64 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
139 6	ELLINGTON AFB TX	69-70,73-80	MAR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.8	99.2	97.4	90.1	80.2	64.9	26.0	82.0	930
	03-05	100.0	100.0	100.0	99.2	98.4	93.0	83.3	70.1	32.9	83.7	930
	06-08	100.0	100.0	99.9	99.6	98.3	93.7	83.7	69.8	33.3	83.9	930
	09-11	100.0	100.0	97.7	92.8	84.0	72.9	57.3	36.6	12.3	71.0	930
	12-14	100.0	99.6	93.2	81.2	69.2	55.1	37.1	20.9	6.9	62.0	930
	15-17	100.0	98.5	91.0	76.2	65.1	55.1	39.0	24.1	6.7	61.5	930
	18-20	100.0	99.9	97.3	92.0	82.0	72.4	59.4	41.6	11.0	71.4	930
	21-23	100.0	100.0	99.7	98.2	93.5	85.2	75.2	57.8	21.1	79.0	930
TOTALS		100.0	99.8	97.3	92.6	86.0	77.2	64.4	46.2	18.8	74.3	7440

USAFETAC FORM JUL 64 0-87-5 (OL A)



...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1259	ELLINGTON AFB TX	69-7..,73-..	APR
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	..-02	1..0	100.0	100.0	100.0	99.1	97.7	88..	6..3	23.7	83.5	9..
	03-05	100.0	100.0	100.0	100.0	98.6	97.4	92.4	74.4	28.4	85.0	9..
	06-08	100.0	100.0	100.0	99.8	98.7	95.0	88.1	67.3	23.0	83.3	9..
	09-11	100.0	100.0	99.0	94.5	83.1	69.4	50.1	24.6	4.9	68.1	899
	12-14	100.0	100.0	96.0	85.4	70.1	51.7	31.9	1..9	3.0	62.9	9..
	15-17	100.0	99.6	94.9	83.4	70.4	55.6	35.3	15.3	2.2	61.2	9..
	18-20	100.0	100.0	98.8	95.3	87.7	77.8	61.2	37.6	5.2	72.6	90.
	21-23	100.0	100.0	100.0	99.9	97.4	92.2	79.6	58.4	15.7	80.2	898
TOTALS		1 0.0	100.0	98.6	94.8	88.2	79.6	65.8	43.0	13.3	74.3	7197

USAFETAC FORM 0-87-5 (OL A)

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12956	ELLINGTON AFB TX	69-70,73-80	MAY
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	99.8	99.4	96.7	79.1	24.0	85.7	93
	03-05	100.0	100.0	100.0	100.0	99.9	99.6	98.6	97.4	31.4	87.8	93
	06-08	100.0	100.0	100.0	99.9	99.5	97.3	91.6	76.1	20.6	83.8	930
	09-11	100.0	99.9	99.4	96.6	88.8	66.6	40.6	14.7	2.8	66.7	928
	12-14	100.0	99.7	98.1	91.0	74.3	47.0	22.2	6.2	1.9	61.1	930
	15-17	100.0	99.7	98.0	91.5	75.3	51.0	26.0	11.0	2.0	61.2	931
	18-20	100.0	100.0	99.7	98.5	94.0	82.4	62.9	32.2	5.5	72.8	930
	21-23	100.0	100.0	100.0	99.9	99.7	97.6	89.8	65.4	15.1	82.4	930
TOTALS		100.0	99.9	99.4	97.2	91.4	80.4	66.1	46.1	12.9	75.1	7438

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13904	ELLINGTON AFB TX	69-75,77-80	JUN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	99.0	95.3	73.3	16.1	84.5	897
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	96.4	83.4	25.8	86.5	897
	06-08	100.0	100.0	100.0	100.0	99.8	97.8	90.1	66.1	15.3	82.5	898
	09-11	100.0	100.0	100.0	97.3	89.9	65.8	26.7	7.6	.7	64.4	900
	12-14	100.0	100.0	98.9	92.2	75.1	37.8	13.3	4.8	1.1	57.8	899
	15-17	100.0	100.0	99.1	91.7	74.4	44.9	15.7	4.6	.7	58.6	900
	18-20	100.0	100.0	99.9	98.3	93.1	79.1	50.1	17.9	1.7	69.4	900
	21-23	100.0	100.0	100.0	100.0	99.9	97.8	90.3	63.3	7.0	80.9	900
TOTALS		100.0	100.0	99.7	97.4	91.5	77.8	59.7	40.6	8.5	73.1	7191

USAFETAC FORM AUG 64 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12906	ELLINGTON AFB TX	69-73,77-8	JUL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	95.7	71.8	21.8	86.1	93[illegible]
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.1	83.0	32.6	87.9	93[illegible]
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	96.[illegible]	74.7	23.9	85.3	926
	09-11	100.0	100.0	100.0	99.8	97.3	77.4	36.7	9.4	1.3	67.6	93[illegible]
	12-14	100.0	100.0	100.0	97.6	76.4	38.6	15.9	7.2	1.5	59.3	929
	15-17	100.0	100.0	100.0	97.7	78.4	47.1	19.8	7.7	1.4	62.7	93[illegible]
	18-20	100.0	100.0	100.0	100.0	97.8	85.2	52.6	24.6	2.3	71.4	927
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	92.7	68.4	19.9	82.8	927
TOTALS		100.0	100.0	100.0	99.4	93.7	81.0	63.3	44.6	11.6	75.1	7431

USAFETAC FORM JUL 84 0-87-5 (OL A)

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12906	ELLINGTON AFB TX	69,72-80	AUG
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.5	84.0	22.1	87.[illegible]	929
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.6	94.1	35.4	89.1	930
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.2	81.4	27.4	86.6	930
	09-11	100.0	100.0	100.0	99.8	95.4	78.1	39.7	13.2	1.4	68.4	930
	12-14	100.0	100.0	100.0	97.4	79.7	44.0	21.2	9.5	1.4	61.[illegible]	929
	15-17	100.0	100.0	100.0	96.2	83.8	53.1	25.1	8.6	1.2	62.4	926
	18-20	100.0	100.0	100.0	99.8	98.6	91.0	63.0	27.1	2.6	73.7	930
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	95.5	70.4	10.3	83.6	926
TOTALS		100.0	100.0	100.0	99.2	94.7	83.2	67.6	46.6	12.7	76.5	7434

USAFETAC FORM AM 64 0-87-5 (OL A)

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1?9 8	ELLINGTON AFB TX	69,72-80	SEP
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.0	95.1	81.5	32.4	87.3	894
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.1	56.9	39.7	89.1	894
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	96.5	80.8	37.7	88.3	896
	09-11	100.0	100.0	100.0	99.6	95.3	78.4	51.6	22.4	4.4	70.8	899
	12-14	100.0	100.0	99.7	96.1	81.9	53.4	26.0	12.0	2.9	62.6	900
	15-17	100.0	100.0	99.6	95.2	81.1	57.6	31.6	13.6	2.9	63.6	900
	18-20	100.0	100.0	100.0	99.7	98.2	90.4	72.8	42.9	9.7	77.1	896
	21-23	100.0	100.0	100.0	100.0	100.0	98.1	90.8	72.1	24.8	84.6	896
TOTALS		100.0	100.0	99.9	98.8	94.6	84.5	70.2	51.9	19.3	77.9	7177

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12906	ELLINGTON AFB TX	69,72-80	OCT
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.7	94.1	85.4	68.4	29.6	84.1	930
	03-05	100.0	100.0	100.0	100.0	99.6	95.7	88.3	75.0	39.1	86.0	930
	06-08	100.0	100.0	100.0	99.9	99.2	96.4	88.2	69.6	35.3	85.2	929
	09-11	100.0	99.9	98.5	92.3	80.5	62.2	38.3	19.6	5.8	65.4	930
	12-14	100.0	99.0	91.7	78.4	59.0	35.5	17.3	8.4	3.1	54.9	929
	15-17	100.0	99.6	91.4	78.5	60.3	41.1	25.2	9.9	4.8	56.6	930
	18-20	100.0	100.0	99.8	97.3	91.5	78.9	62.4	41.2	11.5	73.9	930
	21-23	100.0	100.0	100.0	99.8	97.7	90.8	78.5	61.2	21.8	81.0	930
TOTALS		100.0	99.7	97.7	93.3	85.9	74.3	60.5	43.9	18.9	73.4	7438

USAFETAC FORM JUN 84 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

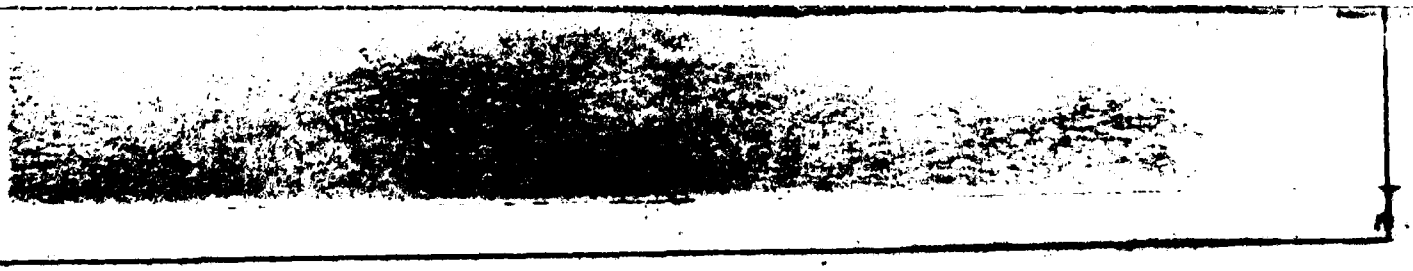
RELATIVE HUMIDITY

12906	ELLINGTON AFB TX	69,72-80	NOV
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.2	98.1	94.0	81.1	6[illegible].4	20.3	81.8	900
	03-05	100.0	100.0	100.0	99.9	98.7	95.2	85.0	63.7	22.9	82.9	900
	06-08	100.0	100.0	99.9	99.9	98.8	95.8	86.0	63.7	24.0	83.1	900
	09-11	100.0	100.0	98.2	93.3	83.1	67.4	48.2	27.9	8.0	68.3	900
	12-14	100.0	99.3	91.8	80.7	62.4	42.4	23.8	10.9	2.6	57.1	900
	15-17	100.0	99.1	91.3	79.9	64.3	48.2	29.4	13.1	2.9	58.7	900
	18-20	100.0	100.0	99.1	96.2	89.3	77.5	61.8	38.8	9.4	73.2	896
	21-23	100.0	100.0	99.8	99.2	97.0	88.5	74.5	54.0	16.1	78.9	897
TOTALS		100.0	99.8	97.5	93.5	86.5	76.1	61.2	41.6	13.3	73..	7193

USAFETAC FORM AUG 84 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	ELLINGTON AFB TX	68-69,72-79	DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.2	96.5	88.9	76.8	56.8	22.7	80.3	930
	03-05	100.0	100.0	100.0	99.6	98.4	91.6	80.2	61.4	24.0	81.9	930
	06-08	100.0	100.0	99.9	99.7	98.4	93.5	83.7	61.8	27.1	82.5	930
	09-11	100.0	99.8	99.9	94.1	83.8	70.5	53.8	35.3	12.9	73.7	930
	12-14	100.0	99.2	93.	77.8	63.3	46.0	30.6	15.8	5.3	59.1	930
	15-17	100.0	99.0	92.	77.0	64.2	50.2	35.4	19.5	5.5	60.1	930
	18-20	100.0	99.9	99.0	95.3	87.1	75.1	59.2	39.7	12.5	72.8	930
	21-23	100.0	100.0	99.9	98.8	94.8	85.7	70.1	51.0	19.0	78.3	930
TOTALS		100.0	99.7	97.8	92.7	85.8	75.2	61.2	43.0	16.1	73.2	7440

USAFETAC FORM JUL 64 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

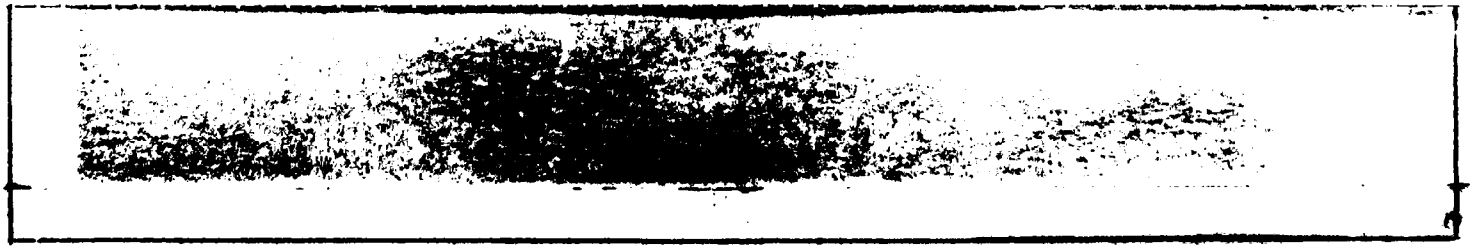
RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	ELLINGTON AFB TX	68-70,72-[illegible]	ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	1[illegible]0.0	99.9	98.[illegible]	94.5	88.4	80.0	66.6	50.4	2[illegible].8	75.8	744[illegible]
FEB		1[illegible]0.0	99.4	96.8	92.2	86.9	77.5	64.1	46.3	19.5	74.1	6767
MAR		100.0	99.8	97.3	92.6	86.[illegible]	77.2	64.4	46.2	18.8	74.3	7440
APR		100.0	100.0	98.6	94.8	88.2	79.6	65.8	45.[illegible]	13.3	74.3	7197
MAY		1[illegible]0.0	99.9	99.4	97.2	91.4	80.4	66.1	46.1	12.9	75.1	7436
JUN		1[illegible]0.0	100.0	99.7	97.4	91.5	77.8	59.7	40.6	8.5	73.1	7191
JUL		100.0	100.0	100.0	99.4	93.7	81.0	63.3	44.6	11.6	75.1	7431
AUG		100.0	100.0	100.0	99.2	94.7	83.2	67.6	48.6	12.7	76.5	7434
SEP		1[illegible]0.0	100.0	99.9	98.8	94.6	84.5	70.2	51.9	19.3	77.9	7177
OCT		1[illegible]0.0	99.7	97.7	93.3	85.9	74.3	60.5	43.9	18.9	73.4	7438
NOV		1[illegible]0.0	99.8	97.5	93.5	86.5	76.1	61.2	41.6	13.3	73.0	7193
DEC		100.0	99.7	97.8	92.7	85.8	75.2	61.2	43.[illegible]	16.1	73.2	7440
TOTALS		100.0	99.9	98.6	95.5	89.5	78.9	64.2	45.9	15.5	74.7	37586

USAFETAC FORM JUL 64 0-87-5 (OL A)



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

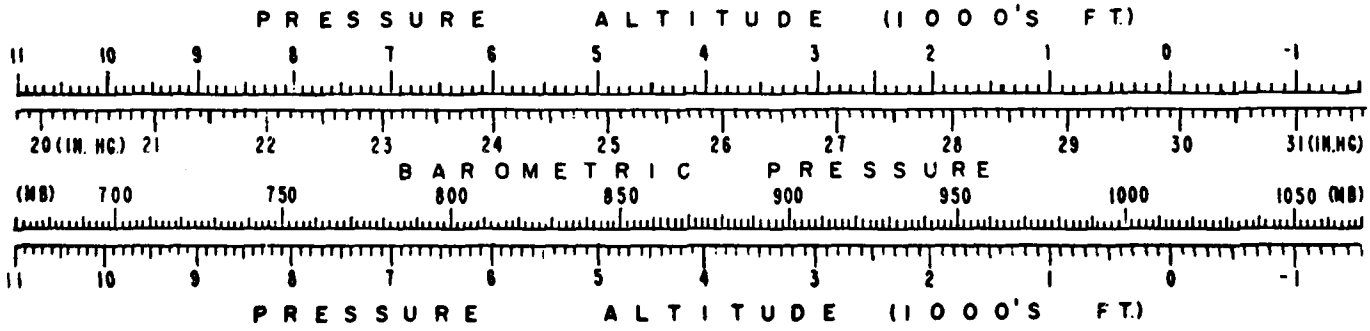
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided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

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

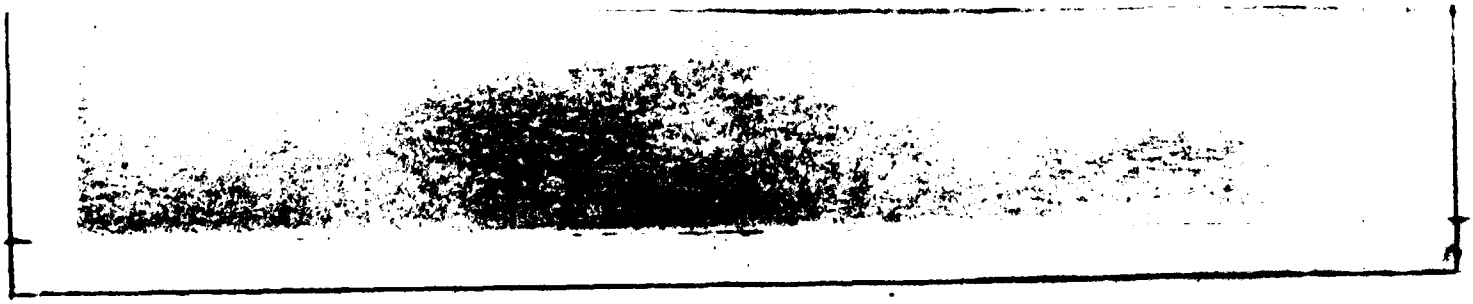
1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12906 — STATION

ELLINGTON AFB TX — STATION NAME

68-70,72-80 — YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	30.085	30.076	29.948	29.935	29.890	29.924	29.954	29.949	29.923	30.003	30.053	30.064	29.983
	S D	.199	.186	.172	.157	.129	.088	.070	.072	.100	.132	.170	.204	.161
	TOTAL OBS	309	282	310	300	310	299	310	310	300	310	300	310	3650
03	MEAN	30.073	30.058	29.929	29.913	29.871	29.909	29.942	29.937	29.910	29.992	30.041	30.050	29.968
	S D	.202	.189	.173	.157	.129	.088	.072	.074	.102	.133	.173	.204	.163
	TOTAL OBS	309	282	310	298	310	300	310	310	299	310	300	310	3648
06	MEAN	30.074	30.065	29.943	29.929	29.890	29.927	29.963	29.952	29.925	30.010	30.051	30.052	29.981
	S D	.204	.191	.176	.159	.132	.091	.072	.072	.100	.136	.177	.207	.163
	TOTAL OBS	310	282	310	300	309	299	309	310	300	310	300	310	3649
09	MEAN	30.118	30.107	29.983	29.968	29.920	29.958	29.990	29.984	29.958	30.048	30.093	30.096	30.018
	S D	.206	.194	.182	.163	.133	.088	.074	.072	.099	.138	.179	.207	.166
	TOTAL OBS	310	280	310	299	310	300	308	308	299	310	300	310	3644
12	MEAN	30.107	30.102	29.975	29.958	29.911	29.951	29.983	29.976	29.946	30.028	30.073	30.077	30.007
	S D	.206	.195	.180	.162	.131	.088	.074	.073	.099	.138	.178	.209	.165
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
15	MEAN	30.042	30.031	29.911	29.908	29.869	29.912	29.940	29.929	29.894	29.972	30.013	30.018	29.953
	S D	.202	.192	.177	.159	.130	.087	.075	.075	.098	.136	.174	.206	.160
	TOTAL OBS	310	282	310	299	310	300	309	310	300	310	300	309	3649
18	MEAN	30.053	30.033	29.901	29.894	29.850	29.889	29.918	29.912	29.887	29.975	30.024	30.028	29.946
	S D	.200	.186	.180	.157	.130	.088	.076	.074	.099	.134	.171	.204	.163
	TOTAL OBS	308	282	310	300	309	300	309	310	300	310	298	310	3646
21	MEAN	30.082	30.066	29.940	29.930	29.880	29.913	29.941	29.939	29.923	30.008	30.057	30.058	29.978
	S D	.200	.184	.171	.153	.127	.088	.073	.072	.100	.132	.174	.202	.162
	TOTAL OBS	309	282	310	298	310	300	308	310	300	310	299	310	3646
ALL HOURS	MEAN	30.079	30.067	29.941	29.929	29.885	29.923	29.954	29.947	29.921	30.005	30.051	30.055	29.979
	S D	.204	.191	.178	.160	.132	.091	.076	.076	.102	.137	.176	.207	.164
	TOTAL OBS	2475	2254	2480	2394	2478	2398	2473	2478	2398	2479	2397	2479	29183

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GLOBAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

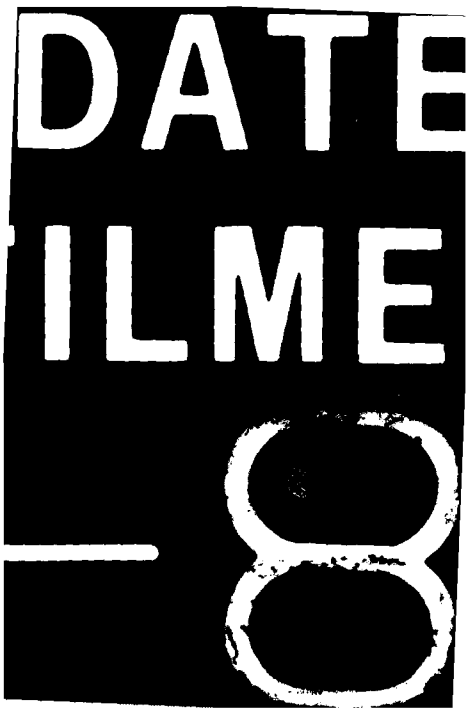
SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

12906 ELLINGTON AFB TX 68-70,72-80

STATION STATION NAME YEARS

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1020.6	1020.3	1015.9	1015.5	1013.9	1015.1	1016.1	1015.9	1015.0	1017.8	1019.5	1019.9	1017.1
	S D	6.774	6.318	5.836	5.335	4.388	3.012	2.376	2.417	3.401	4.486	5.754	6.919	5.474
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	1020.2	1019.7	1015.3	1014.7	1013.3	1014.6	1015.7	1015.5	1014.6	1017.4	1019.0	1019.4	1016.6
	S D	6.892	6.400	5.870	5.379	4.381	3.015	2.431	2.471	3.450	4.512	5.890	6.934	5.539
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
06	MEAN	1020.2	1019.9	1015.8	1015.3	1013.9	1015.2	1016.4	1016.1	1015.1	1017.0	1019.4	1019.5	1017.0
	S D	6.959	6.507	5.982	5.400	4.475	3.089	2.447	2.454	3.358	4.612	5.993	7.018	5.527
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
09	MEAN	1021.7	1021.4	1017.1	1016.6	1015.0	1016.2	1017.3	1017.1	1016.2	1019.3	1020.8	1020.9	1018.3
	S D	7.002	6.587	6.157	5.541	4.521	2.996	2.488	2.416	3.346	4.674	6.074	7.020	5.639
	TOTAL OBS	310	281	310	298	310	300	310	309	300	309	300	310	3647
12	MEAN	1021.3	1021.1	1016.8	1016.2	1014.6	1016.0	1017.1	1016.8	1015.8	1018.6	1020.1	1020.3	1017.9
	S D	6.967	6.577	6.116	5.474	4.451	3.006	2.475	2.463	3.353	4.688	5.970	7.073	5.581
	TOTAL OBS	310	281	310	300	310	300	310	310	300	309	300	308	3648
15	MEAN	1019.1	1018.8	1014.7	1014.5	1013.2	1014.7	1015.6	1015.2	1014.0	1016.7	1018.1	1018.3	1016.1
	S D	6.877	6.521	5.996	5.442	4.401	2.982	2.555	2.522	3.317	4.629	5.891	6.980	5.447
	TOTAL OBS	310	282	310	300	310	300	309	309	300	310	300	310	3650
18	MEAN	1019.5	1018.8	1014.4	1014.1	1012.5	1013.9	1014.9	1014.6	1013.8	1016.8	1018.5	1018.6	1015.9
	S D	6.769	6.304	5.911	5.309	4.434	3.012	2.570	2.522	3.369	4.517	5.817	6.929	5.525
	TOTAL OBS	309	282	310	300	310	300	309	309	300	310	298	310	3697
21	MEAN	1020.5	1020.0	1015.7	1015.3	1013.6	1014.7	1015.6	1015.6	1015.1	1017.9	1019.6	1019.7	1016.9
	S D	6.797	6.236	5.807	5.168	4.309	3.027	2.448	2.437	3.381	4.459	5.897	6.872	5.493
	TOTAL OBS	309	280	310	298	310	300	309	309	300	310	299	310	3644
ALL HOURS	MEAN	1020.4	1020.0	1015.7	1015.3	1013.8	1015.0	1016.1	1015.9	1015.0	1017.8	1019.4	1019.6	1017.0
	S D	6.917	6.483	6.017	5.432	4.475	3.098	2.583	2.574	3.453	4.640	5.957	7.004	5.582
	TOTAL OBS	2478	2252	2480	2396	2480	2399	2477	2475	2400	2478	2397	2478	29190

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